

2017-2024 TITAN

BODY BUILDER'S GUIDE

NISSAN | Commercial Vehicles



FOREWORD

This manual contains body builder's information for the 2017-2024 Model Years Nissan TITAN.

For your safety and the proper functioning of the vehicle, this guide should be read thoroughly.

All information in this guide is based on the latest product information at the time of publication. The right is reserved to make changes in specifications and methods at any time without notice. The most accurate and up to date information can be found on www.nissan-techinfo.com

Measurements found within this publication are for reference only. For exact measurements, contact Adam Cairo CairoA@nrd.nissan-usa.com, Nissan Commercial and Fleet Aftermarket Engineering for CAD data.

IMPORTANT SAFETY NOTICE

The proper performance of procedures described in this guide is essential for both the safety of the technician and the proper functioning of the vehicle. The methods in this Body Builder's Guide are described in such a manner that they may be performed safely and accurately. Methods vary with the procedures used, the skills of the technician and the tools and parts available. Accordingly, anyone using procedures, tools or parts which are not specifically recommended by Nissan must first be completely satisfied that neither personal safety nor the vehicle's safety will be jeopardized by the method selected.

WARNINGS, CAUTIONS AND NOTES USED IN THIS MANUAL



WARNING:

This is used to indicate the presence of a hazard that could cause death or serious injury. To avoid or reduce the risk, the procedures must be followed precisely.



CAUTION:

This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.

NOTE:

This is used to provide additional information.



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GENERAL INFORMATION

DISCLAIMER

Important Regulatory Information

Emission standards and motor vehicle safety standards for new vehicles and equipment have been established by the United States and Canadian Governments under the provisions of the Clean Air Act, the Noise Control Act, and the National Traffic and Motor Vehicle Safety Act in the U.S., and the Canadian Motor Vehicle Safety Act in Canada. These Acts govern Nissan as the original equipment manufacturer of the Nissan TITAN . They also govern dealers, body builders, and all others who manufacture and market new motor vehicles and equipment. Part 568 of the Title 49 Code of Federal Regulations (CFR) describes requirements for intermediate manufacturers, final-stage manufacturers, and manufacturers who assume legal responsibility for a vehicle. This Body Builder's Guide (Guide) partially fulfills Nissan's obligations as the original equipment manufacturer. Additionally, this guide identifies regulatory requirements to assist intermediate and final stage manufacturers to determine their obligations to conform with these standards.

Compliance labels affixed to Nissan TITAN indicates the status of initial compliance as of the date of manufacture by Nissan. Any subsequent modifications made to this vehicle may affect the final certification of the engine, vehicle or equipment. The body builder, conversion company, or dealer responsible for any modification has the responsibility to certify that the modified vehicle and equipment complies or continues to comply with all applicable motor vehicle safety standards and emissions regulations. The body builder, conversion company, or dealer is responsible for making sure the modifications or installed equipment do not affect the safety of the vehicle, including modifications which may result in a collision, property damage, personal injury or death.

Nissan does not assume responsibility as the final stage manufacturer for modified or altered vehicles. Nissan is not responsible for final certification, product liability claims, or warranty claims, resulting from any component, assembly, or system altered by or at the request of the body builder, conversion company, dealer or vehicle purchaser. Nissan is not responsible for modifications which cause the vehicle to become noncompliant with any of the motor vehicle safety standards, emissions regulations, or modifications that cause the vehicle to be or become defective or unsafe.

Disclaimer

All information, specifications and illustrations in this manual are those in effect at the time of printing. Nissan reserves the right to change specifications or design without notice and without obligation.

The body builder, conversion company, aftermarket equipment manufacturer, second stage manufacturer, upfitter, dealer and the vehicle purchaser are responsible to abide by all regulations issued by the National Highway Traffic Safety Administration (NHTSA), the Occupational Safety and Health Act (OSHA), state, local, or provincial government laws. These regulations and laws may require the installation of additional equipment for the intended use of the vehicle.

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SERVICE INFORMATION AND TOOLS

For service information, refer to www.nissan-techinfo.com.

For special service tools, refer to www.nissantechmate.com.

CONTACT INFORMATION**General**

Nissan Commercial and Fleet Aftermarket Engineering 1 (855) 651-6655 or by E-mail at Nissan-AET@Nissan-USA.COM.

WARRANTY**Emissions Control System Warranty**

For Nissan warranty information, refer to the Warranty Information Booklet in the Owner's Manual package.

DEFINITIONS OF TERMS

The following definitions are from Title 49, Code of Federal Regulations, Parts 567.3, 568.3 and 571.3 where noted. Canadian definitions are from Canada Motor Vehicle Safety Regulations, Section 2(1), and are in italics. Nissan definitions are for the purpose of this publication only. Some terms are followed by an abbreviation that is used throughout this publication.

USA

Accessory Reserve Capacity (ARC) — Represents the amount of bolt-on accessory or modification weight permanently attached to a certified vehicle before its unloaded vehicle weight exceeds the unloaded vehicle weight for which Nissan has established FMVSS/CMVSS compliance. Accessory Reserve Capacity designations assume the use of permanently attached components resulting in center of gravity locations generally similar to those of comparable completed vehicles. Any additions or alterations that significantly affect the center of gravity of the total unit could impose more severe conditions than those for which Nissan has established compliance to FMVSS and CMVSS requirements.

Center of Gravity (CG) — The center of mass of a body or system.

Completed Vehicle — A vehicle that requires no further manufacturing operations to perform its intended function, other than the addition of readily attachable components, such as mirrors or tire and rim assemblies, or minor finishing operations such as painting. (49CFR568.3)

Curb Weight — Is the weight of a motor vehicle with standard equipment; maximum capacity of engine fuel, oil, and coolant; and if so equipped, air conditioning and additional weight optional engine. (49CFR571.3)

Engine Control Module (ECM) — The ECM consists of a microcomputer and connectors for signal input and output and for the power supply. The ECM also controls the engine.

Gross Combination Weight Rating (GCWR) — The value specified by the manufacturer as the loaded weight of a combination vehicle. (49CFR571.3)

Gross Vehicle Weight Rating (GVWR) — The value specified by the manufacturer as the loaded weight of a single vehicle. (49CFR571.3)

Lamps, Reflective Devices, and Associated Equipment — A lamp that is mounted on a multipurpose passenger vehicle, truck, or bus for the purpose of providing illumination to load or unload cargo.

Maximum Payload — Maximum allowable weight that can be placed in the vehicle, including driver, passengers and aftermarket equipment. Value is reduced by adding optional equipment.

HO2 Heated Oxygen Sensor — The sensor after the three-way catalyst (manifold) that monitors the oxygen level in the exhaust gas on each bank.

Seating system— Any seating position that can be adjusted to conform to different configurations.

SgRP — The theoretical hip point used by manufacturers when designing a vehicle. More specifically, it describes the relative position of the seated dummy's hip point when the seat is set in the rearmost and lowermost seating position. Also known as the "R-point" (reference point).

Stop Lamp Switch — An electrically powered switch that sends a signal to the BCM, to turn on the stop lamps, when the brake pedal is depressed.

Throttle Position Sensor (TPS) — The electric throttle control actuator that consists of the throttle control motor, throttle position sensor, etc. The throttle position sensor responds to the throttle valve movement.

Truck — A motor vehicle with motive power, except a trailer, designed primarily for the transportation of property or special purpose equipment. (49CFR571.3)

Unloaded Vehicle Weight (UVW) — Weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants, or accessories that are ordinarily removed from the vehicle when it is not in use. (49CFR571.3)

Canada

Accessory Reserve Capacity (ARC) — Represents the amount of bolt-on accessory or modification weight permanently attached to a certified vehicle before its unloaded vehicle weight exceeds the unloaded vehicle weight for which Nissan has established FMVSS/CMVSS compliance. Accessory Reserve Capacity designations assume the use of permanently attached components resulting in center of gravity locations generally similar to those of comparable completed vehicles. Any additions or alterations that significantly affect the center of gravity of the total unit could impose more severe conditions than those for which Nissan has established compliance to FMVSS and CMVSS requirements.

Center of Gravity (CG) — The center of mass of a body or system.

Completed Vehicle — A vehicle that needs no further manufacturing operations to perform its intended function, other than the addition of readily attachable components, such as minor finishing operations such as painting.

Curb Weight — Is the weight of a vehicle with standard equipment and carrying its maximum capacity of fuel, oil, and coolant and includes the weight of any air conditioning equipment on the vehicle and the amount by which the weight of any optional engine with which the vehicle is equipped exceeds the weight of the standard engine.

Engine Control Module (ECM) — The ECM consists of a microcomputer and connectors for signal input and output and for the power supply. The ECM also controls the engine.

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Stop Lamp Switch — An electrically powered switch that sends a signal to the BCM, to turn on the stop lamps, when the brake pedal is depressed.

Throttle Position Sensor (TPS) — The electric throttle control actuator consisting of the throttle control motor, throttle position sensor, etc. The throttle position sensor responds to the throttle valve movement.

Truck — A motor vehicle designed primarily for the transportation of property or special-purpose equipment, but does not include a competition vehicle, a crawler-mounted vehicle, a three-wheeled vehicle, a trailer, a work vehicle, a vehicle imported temporarily for special purposes, a vehicle designed for operation exclusively off-road or a low-speed vehicle.

Unloaded Vehicle Weight (UVW) — Weight of a vehicle with maximum capacity of all fluids necessary for operation of the vehicle, but without cargo, occupants, or accessories that are ordinarily removed from the vehicle when it is not in use.

SAFETY INFORMATION

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) PRECAUTIONS

Precautions for Supplemental Restraint System (SRS) "Air Bag" and "Belt Pre-Tensioner"

**WARNING:**

Always observe the following items for preventing accidental activation:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which could result in air bag inflation, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system or failure of the system to work properly in the event of an accident.
- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, the front passenger seat cannot be permanently removed.
- Never use electrical test equipment on any circuit related to the SRS. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

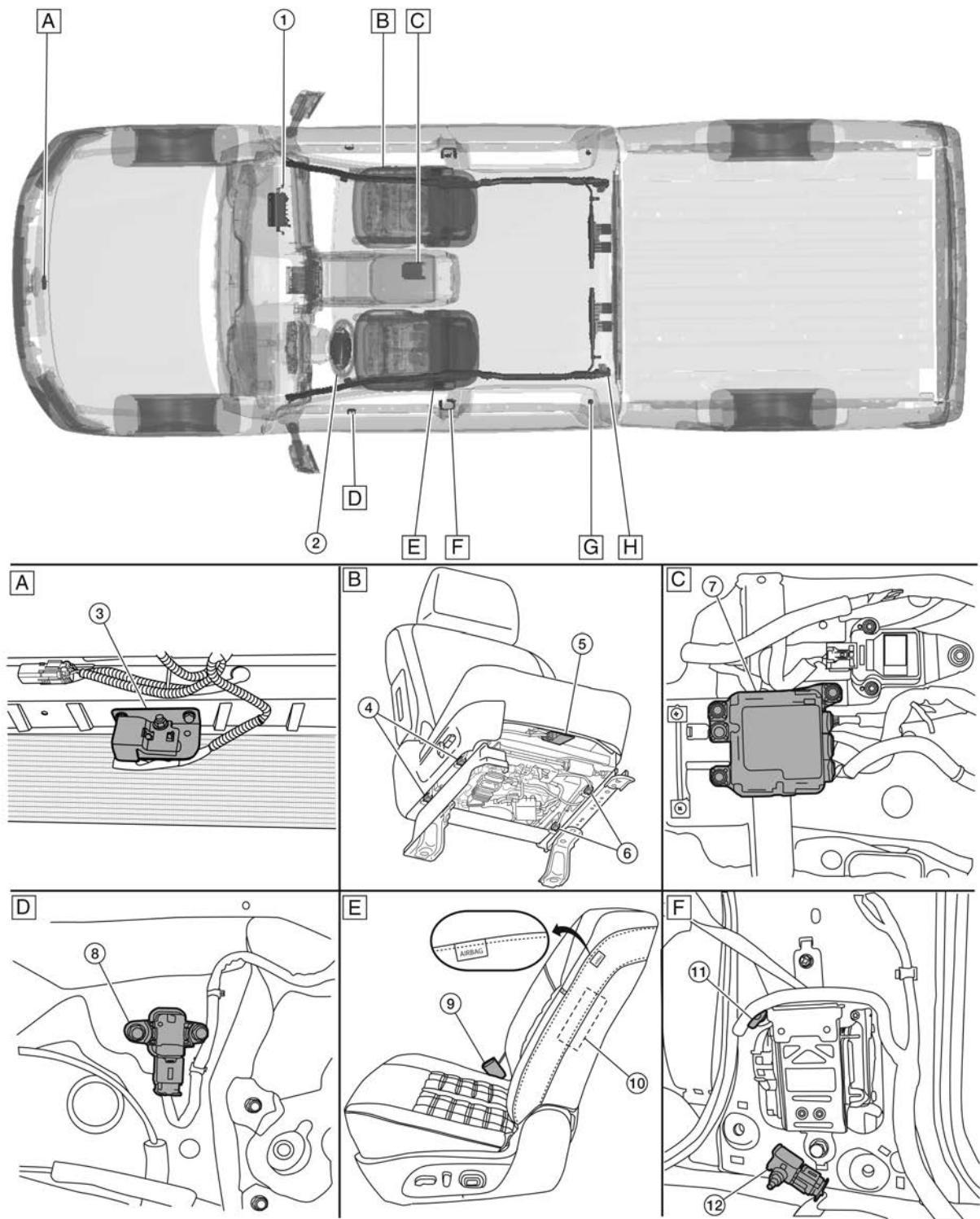
Precautions When Using Power Tools (Air or Electric) and Hammers

**WARNING:**

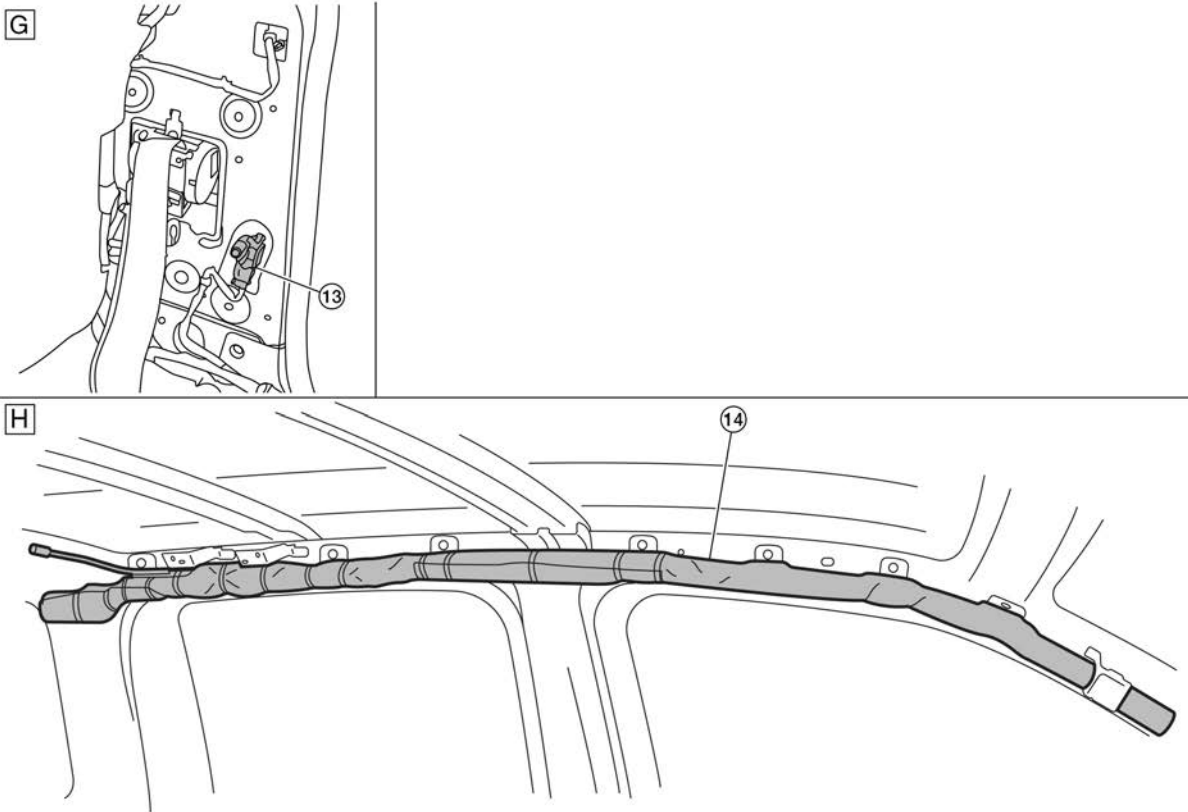
Always observe the following items for preventing accidental activation:

- When working near the Air bag Diagnosis Sensor Unit or other Air bag System sensors with the ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery or batteries, and wait at least 3 minutes before performing any service. Care should be taken to avoid damaging or contacting SRS components. Doing so may cause the system to improperly operate in the event of a collision.

SRS COMPONENT LOCATIONS — CREW CAB (2017-2019 Model Years)



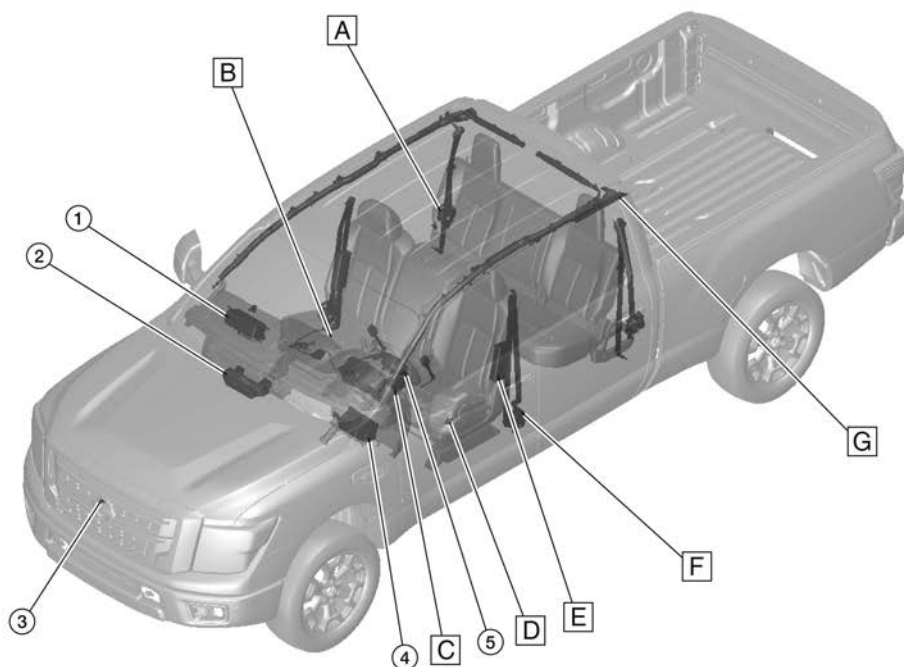
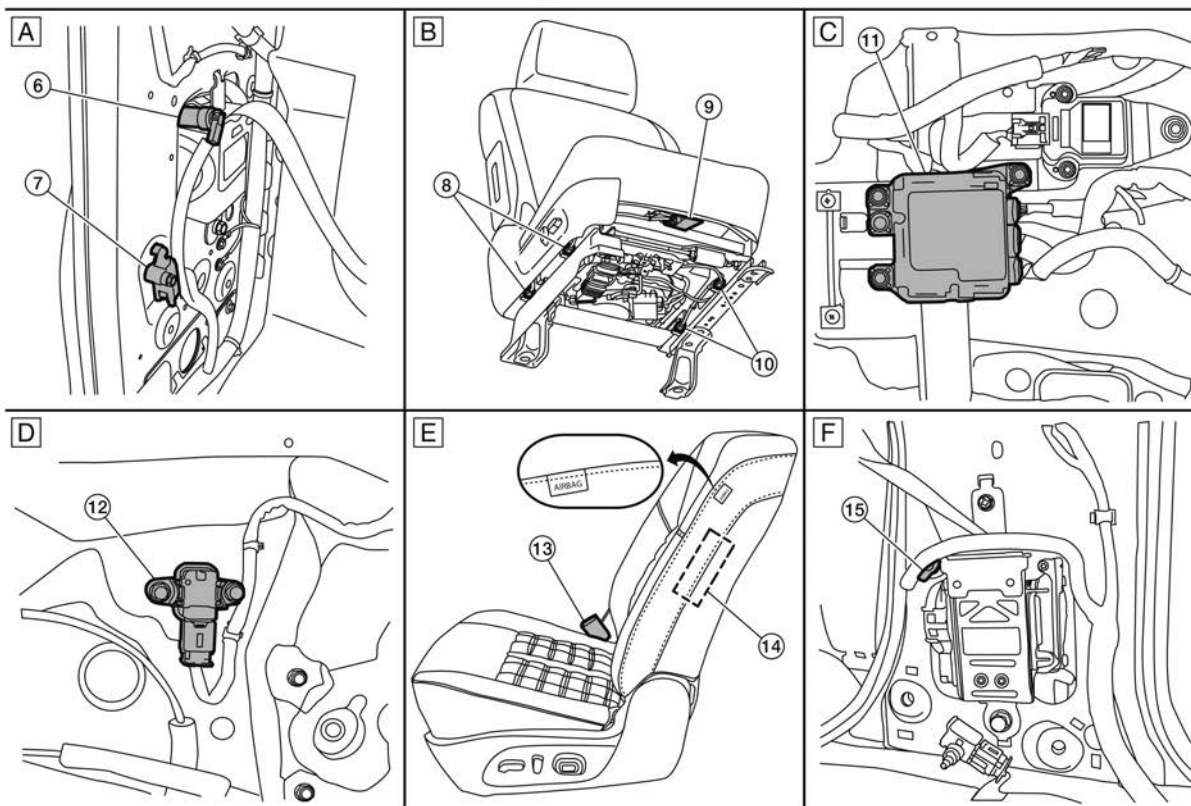
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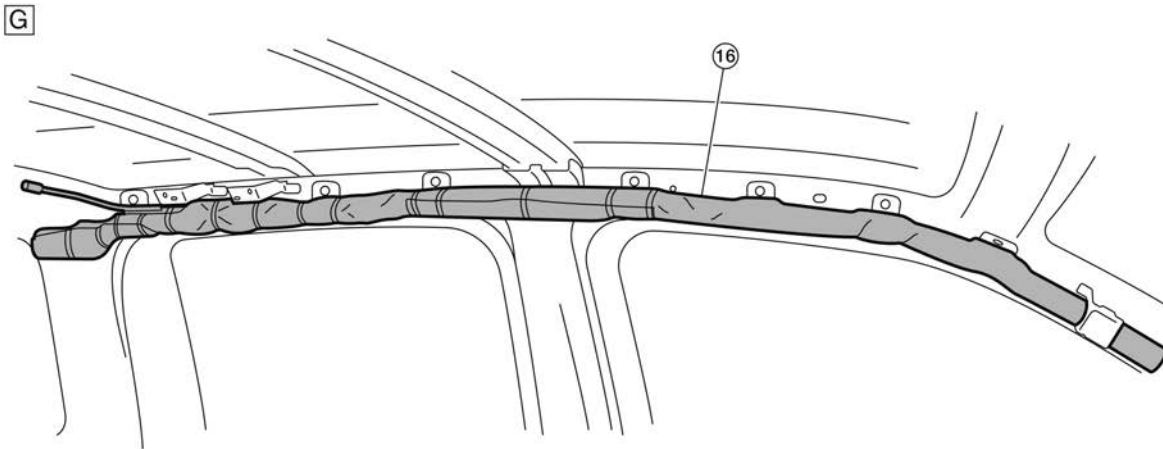
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- | | |
|---|---|
| 1. Front passenger air bag module | 2. Driver air bag module |
| 3. Crash zone sensor (front view from underneath radiator core support) | 4. Outboard occupant classification system sensors |
| 5. Occupant classification system control unit | 6. Inboard occupant classification system sensors |
| 7. Air bag diagnosis sensor unit | 8. Front LH door satellite sensor (RH similar) |
| 9. Seat belt buckle switch LH | 10. Front LH side air bag module (RH similar) |
| 11. Front LH seat belt pre-tensioner (RH similar) | 12. Front LH side air bag satellite sensor (RH similar) (2017 model year only, if so equipped) |
| 13. Rear LH side air bag satellite sensor (RH similar) | 14. LH side curtain air bag module (RH similar) (view with headliner and A-pillar trim removed) |

SRS COMPONENT LOCATIONS — CREW CAB (2020–2024 Model Years)



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TCAAZIA0125ZZ

- | | |
|--|---|
| 1. Front passenger air bag module | 2. Passenger knee air bag module |
| 3. Crash zone sensor | 4. Driver knee air bag module |
| 5. Driver air bag module | 6. Front RH seat belt pre-tensioner (LH similar) |
| 7. Front RH side air bag satellite sensor (RH similar) | 8. Outboard occupant classification system sensors |
| 9. Occupant classification system control unit | 10. Inboard occupant classification system sensors |
| 11. Air bag diagnosis sensor unit | 12. Front LH door satellite sensor (RH similar) |
| 13. Seat belt buckle switch LH | 14. Front LH side air bag module (RH similar) |
| 15. Front LH seat belt pre-tensioner (RH similar) | 16. LH side curtain air bag module (RH similar) (view with headliner and A-pillar trim removed) |

OCCUPANT CLASSIFICATION SYSTEM

**WARNING:**

After removal and installation of the front passenger seat, a zero point reset function must be performed. It is recommended that this be performed by a NISSAN dealer using a special tool. If zero point reset is not performed, the occupant classification system may not operate normally which may increase the risk of serious injury or death in a collision.

**WARNING:**

Do not disturb or modify the front passenger seat wiring. Failure to follow this instruction may cause incorrect operation of the occupant classification system and front passenger air bag or system failure and may increase the risk of serious injury or death in a collision.

The front passenger seat is equipped with seat weight sensors as part of the supplemental restraints occupant classification system. The occupant classification sensors (weight sensors) are on the seat cushion frame under the front passenger seat and are designed to detect an occupant and objects on the seat. The front passenger air bag status lamp is illuminated when the system is disabled. For occupant classification system and front passenger air bag operation, refer to the Owner's Manual. For repair of the front passenger seat, occupant classification system, air bags or if an air bag warning lamp is illuminated, it is recommended that you visit a NISSAN dealer.

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

FRONT AIR BAG MODULE LOCATIONS



WARNING:

Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

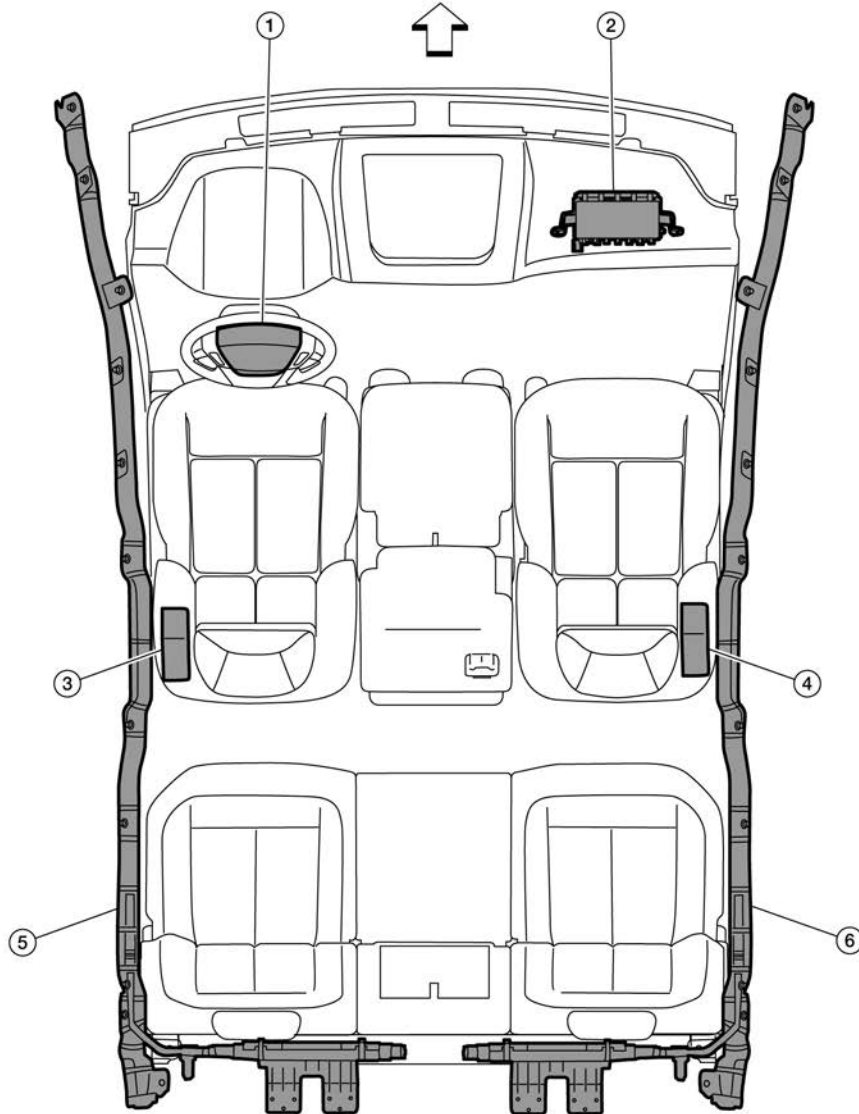
NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Overhead View



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↖: Front of vehicle.

1. Driver air bag module

4. Side air bag module,
passenger

2. Passenger air bag module

5. Side curtain air bag module,
driver

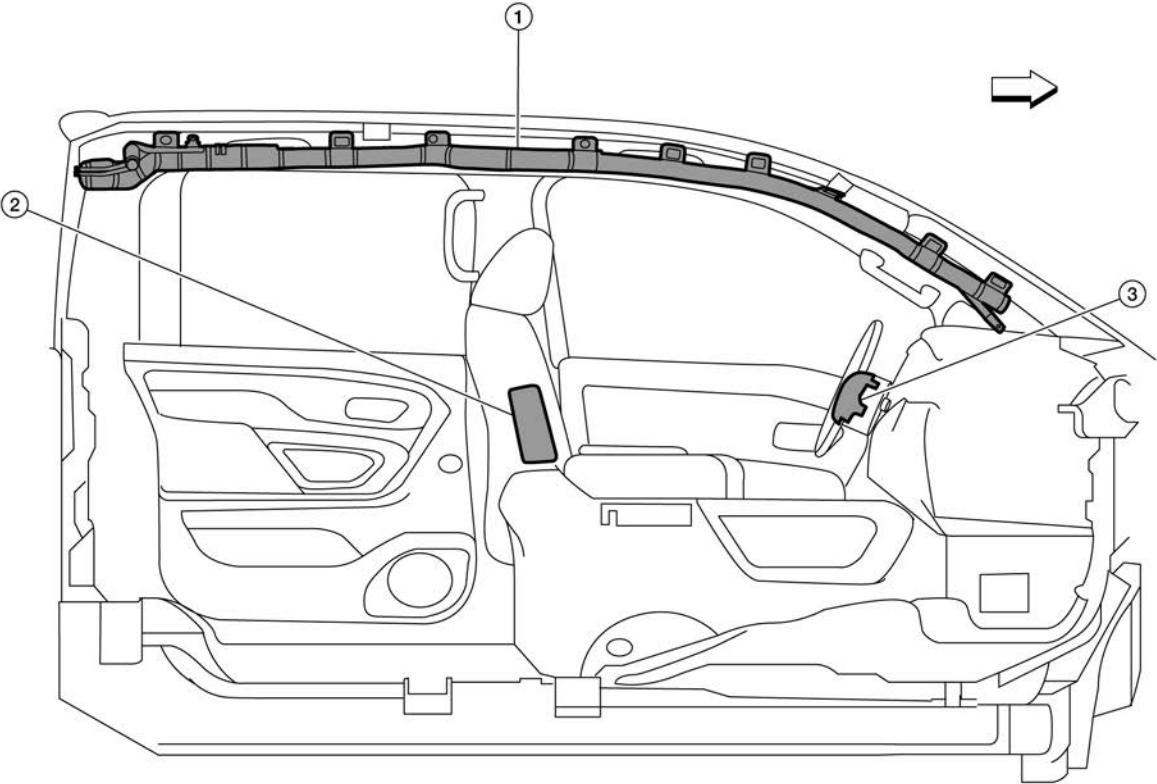
3. Side air bag module, driver

6. Side curtain air bag module,
passenger

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Driver Side



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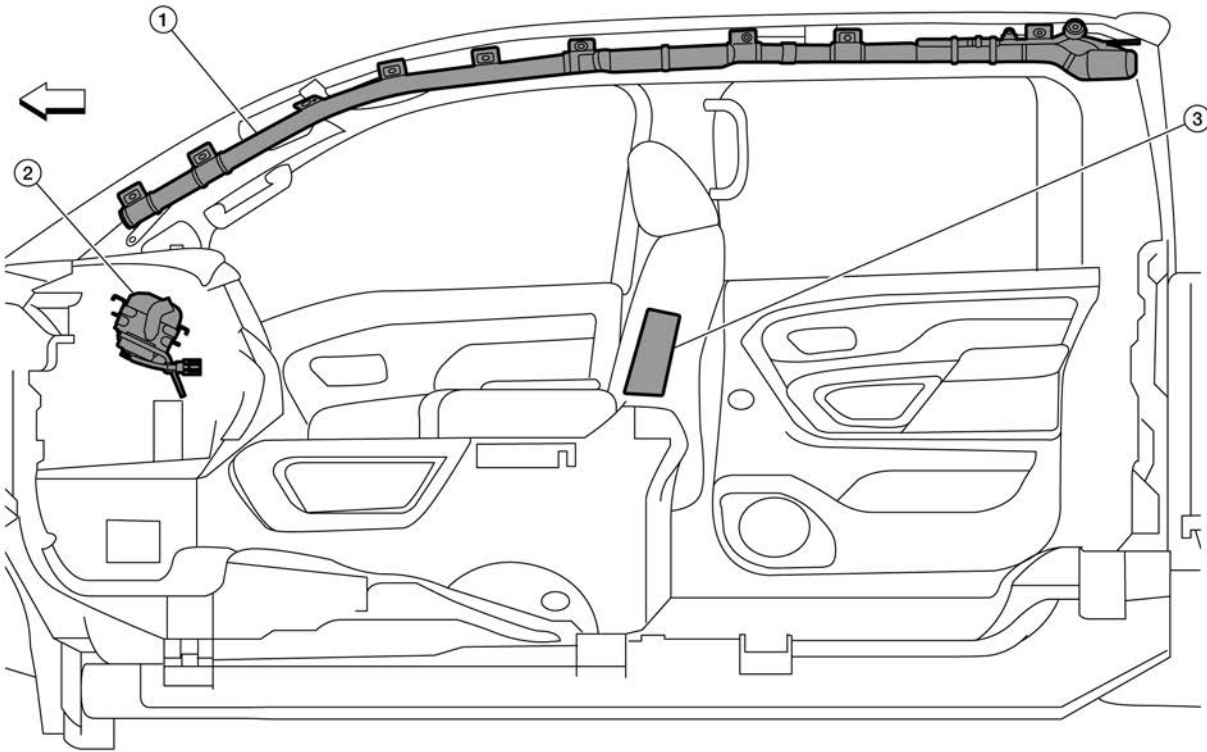
↖: Front of vehicle.

1. Side curtain air bag module
2. Side air bag module
3. Driver air bag module

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Passenger Side

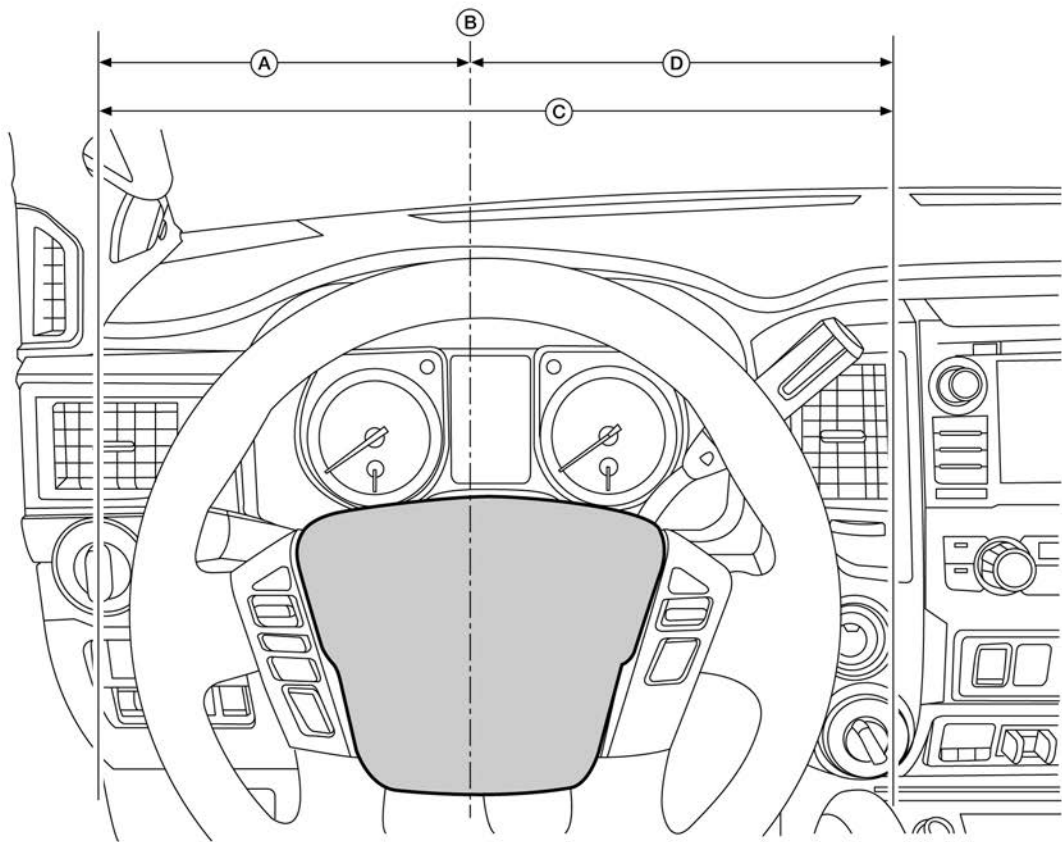


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↖: Front of vehicle.

1. Side curtain air bag module 2. Passenger air bag module 3. Side air bag module

Driver Air Bag Deployment Width



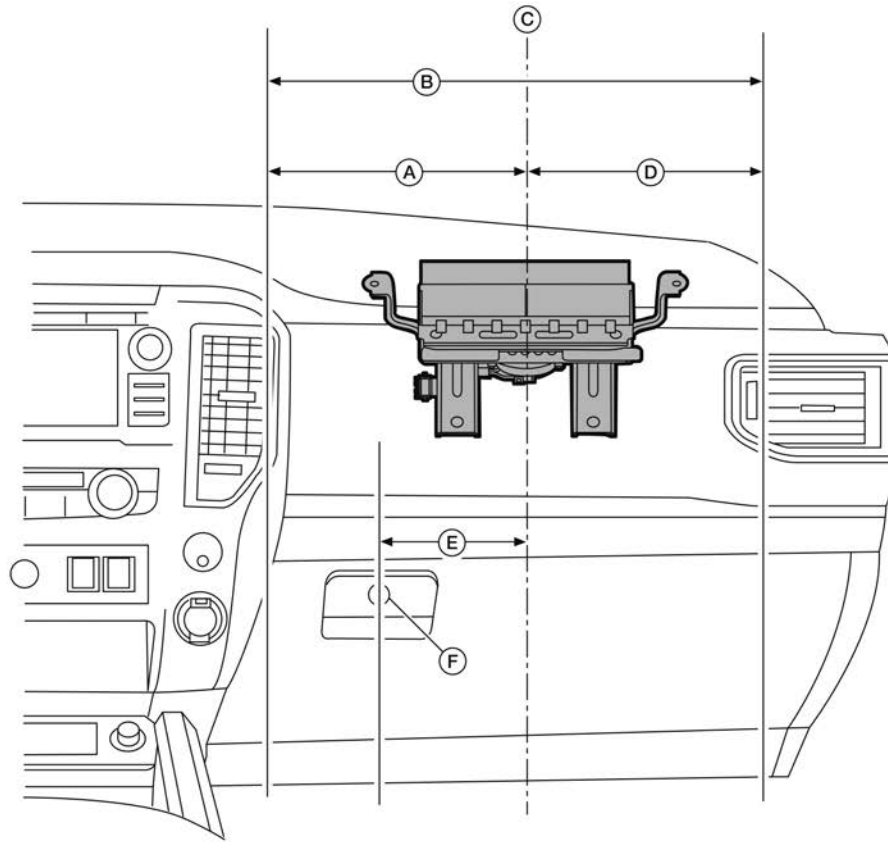
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- A. 245.5 mm (9.67 in)
- B. Center of the driver air bag module housing
- C. Maximum lateral projection of the deployed driver air bag
491 mm (19.33 in)
- D. 245.5 mm (9.67 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Passenger Air Bag Deployment Width



TGAZIA0050ZZ

A. 233.5 mm (9.19 in)

B. Maximum lateral projection
of the deployed passenger air
bag 467 mm (18.39 in)

C. Center of passenger air bag
module housing

D. 233.5 mm (9.19 in)

E. 130.84 mm (5.15 in)

F. Reference point: glove box
key hole

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

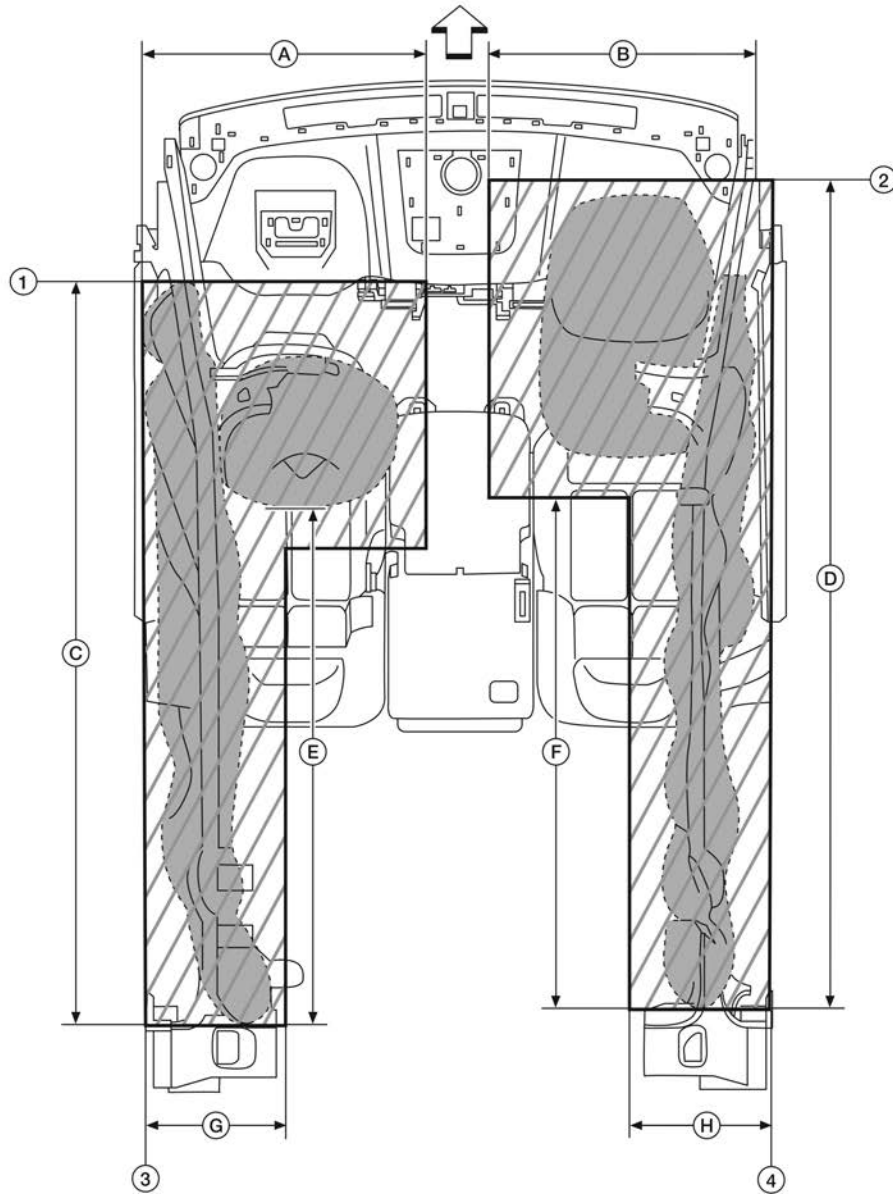
[SAFETY INFORMATION]

AIR BAG DEPLOYMENT KEEP-OUT ZONES

Front Air Bag Keep-Out Zones — Overhead View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



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: Front of vehicle.

1. Reference point: instrument panel edge

4. Reference point: door glass trim edge

C. 1,885.84 mm (74.25 in)

F. 1,190.77 mm (46.88 in)

2. Reference point: instrument panel seam

A. 694.35 mm (27.34 in)

D. 2,228.62 mm (87.74 in)

G. 349.82 mm (13.77 in)

3. Reference point: door glass trim edge

B. 665.53 mm (26.2 in)

E. 1,148.61 mm (45.22 in)

H. 351.19 mm (13.83 in)

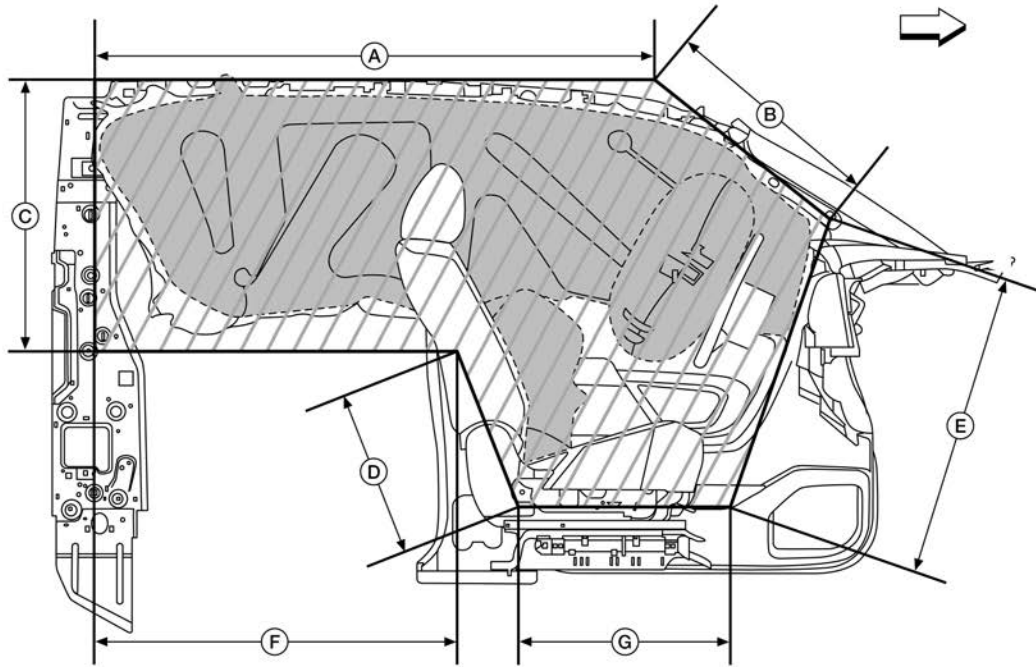
FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Driver Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0604ZZ

: Front of vehicle.

A. 1,486.75 mm (58.53 in)

B. 513.47 mm (20.22 in)

C. 679.53 mm (26.75 in)

D. 404.38 mm (15.92 in)

E. 799.57 mm (31.48 in)

F. 969.23 mm (38.16 in)

G. 444.72 mm (17.51 in)

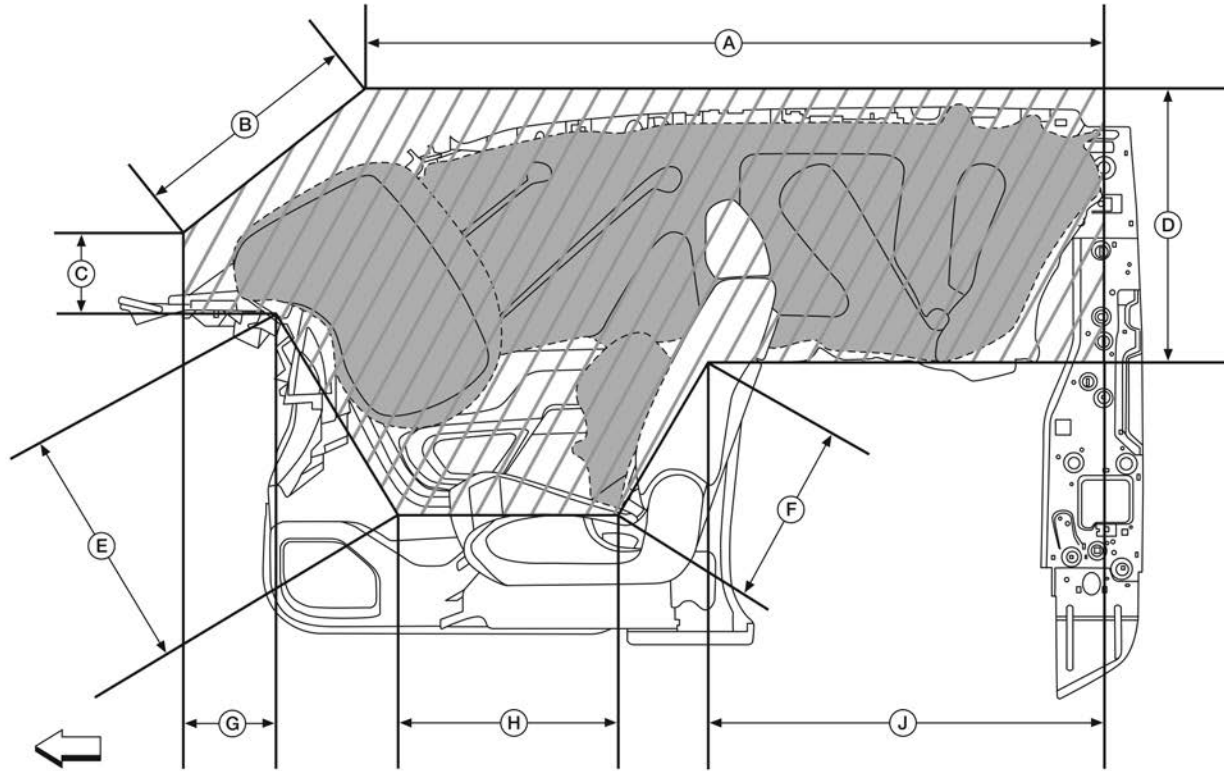
FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Passenger Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0603ZZ

: Front of vehicle.

A. 1,677.59 mm (66.05 in)

D. 679.53 mm (26.75 in)

G. 250.39 mm (9.86 in)

B. 747.5 mm (29.43 in)

E. 534.08 mm (21.03 in)

H. 645 mm (25.39 in)

C. 178.55 mm (7.03 in)

F. 404.38 mm (15.92 in)

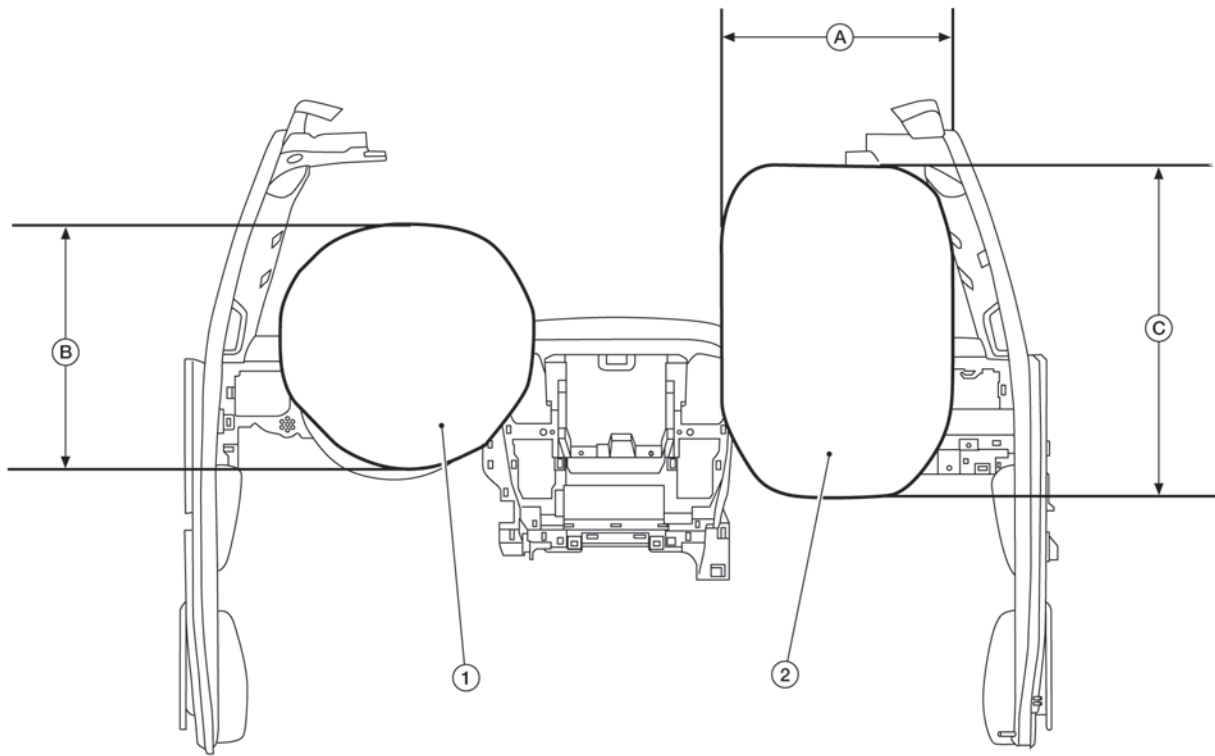
J. 889.78 mm (35.03 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

INFLATED AIR BAG ZONE DIMENSIONS

Driver and Passenger Air Bag Inflation Zones — Forward View



AAZIA0551ZZ

1. Maximum inflated driver air bag
B. 491 mm (19.33 in)

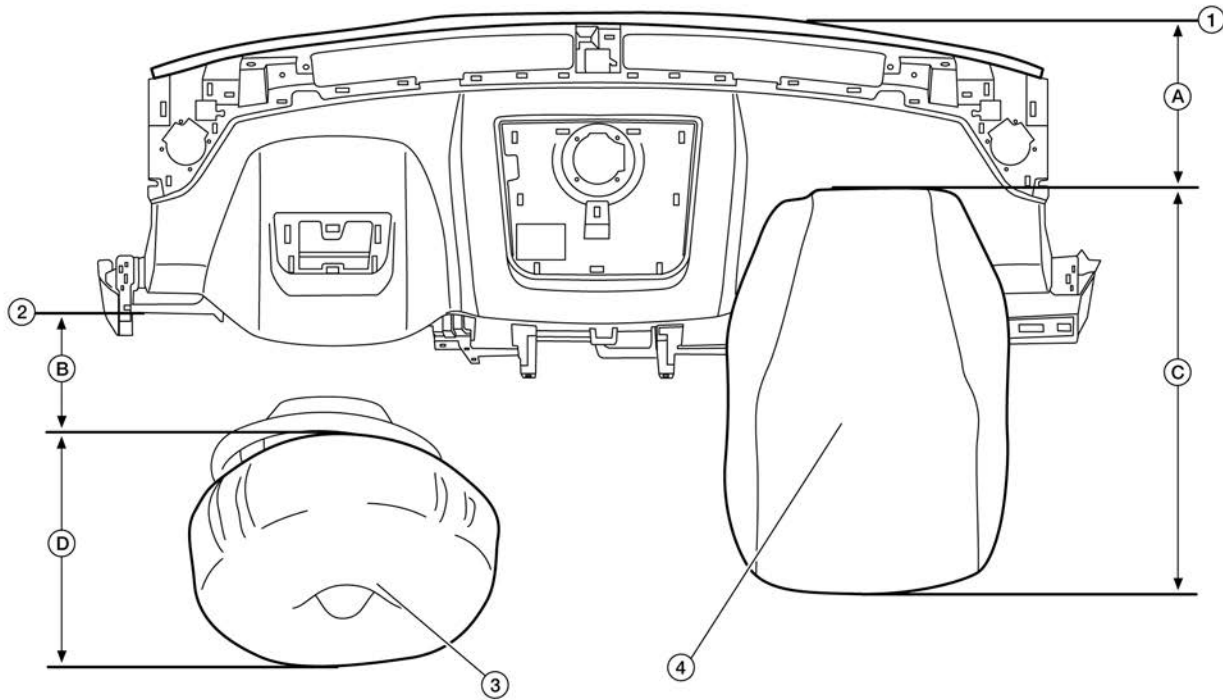
2. Maximum inflated front passenger air bag
C. 746 mm (29.37 in)

A. 440 mm (17.32 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Overhead View



AAZIA0553ZZ

1. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag

2. Reference point: front edge of instrument panel at centerline of driver air bag module

3. Maximum inflated driver air bag

4. Maximum inflated front passenger air bag

A. 257 mm (10.12 in)

B. 198 mm (7.8 in)

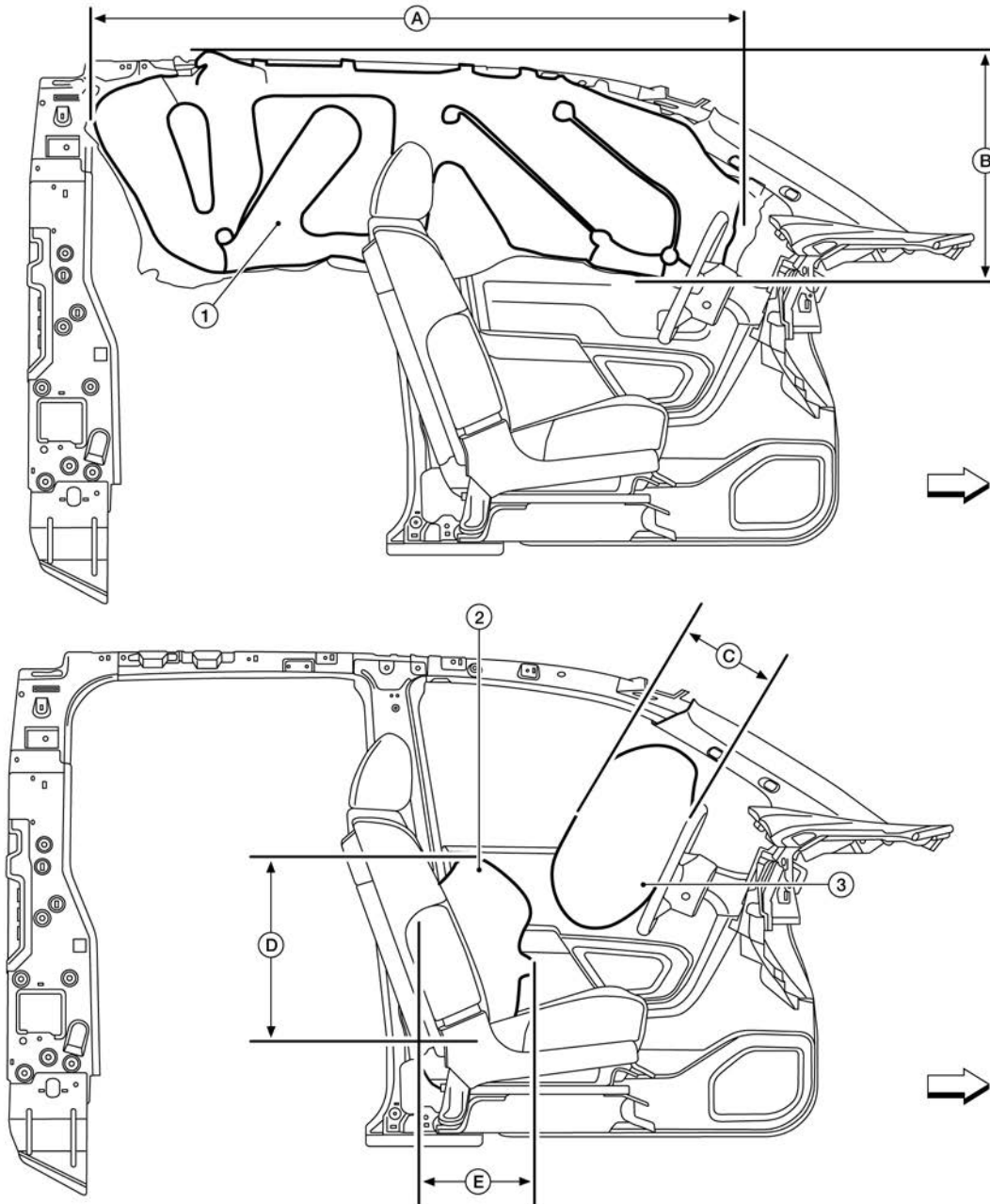
C. 737 mm (29.01 in)

D. 382 mm (15.04 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Driver Side View



AAZIA0606ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 1,902 mm (74.88 in)

D. 509 mm (20.04 in)

2. Maximum inflated side air bag

B. 633 mm (24.92 in)

E. 321 mm (12.64 in)

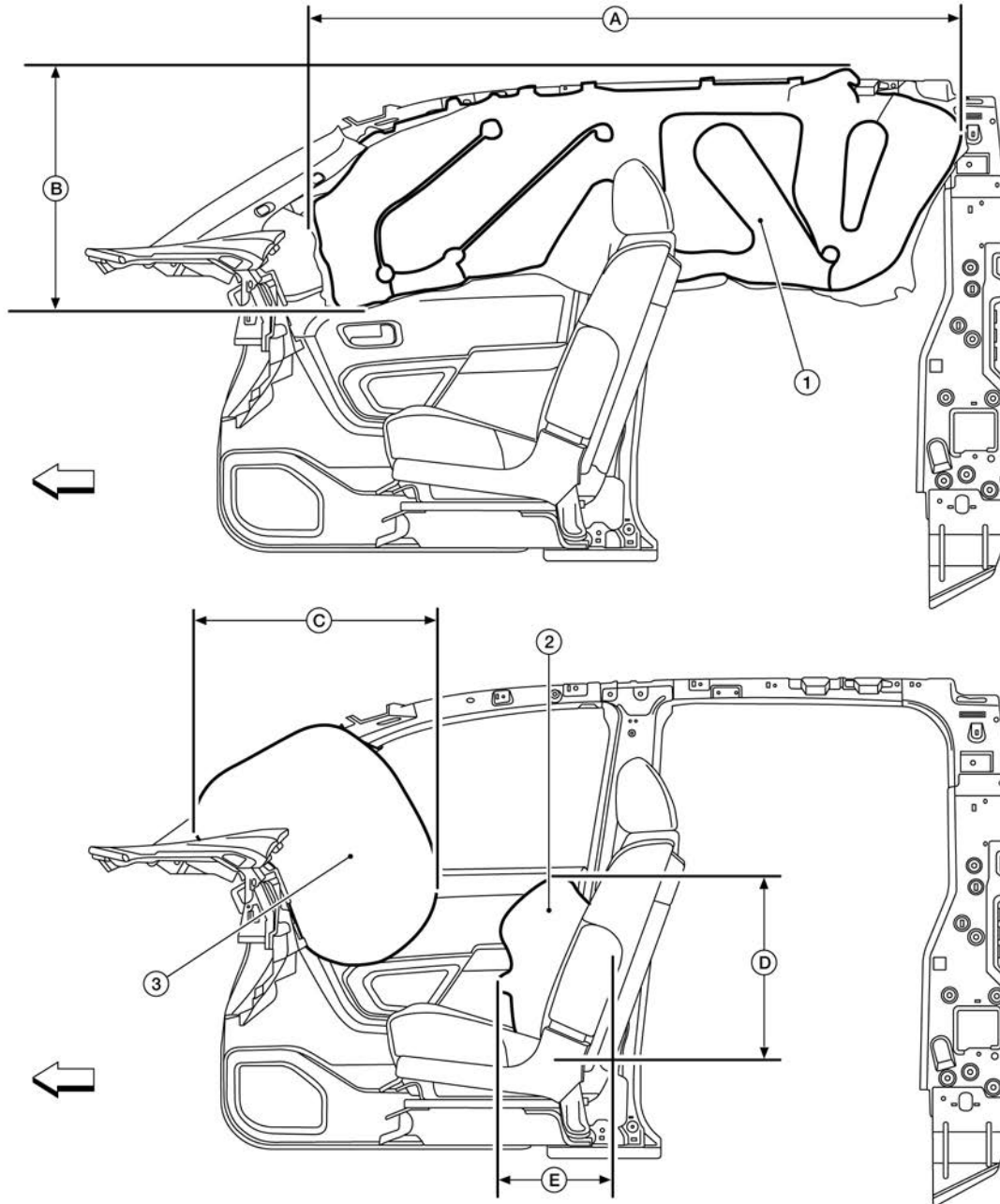
3. Maximum inflated driver air bag

C. 255 mm (10.04 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Passenger Side View



AAZIA0607ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 1,902 mm (74.88 in)

D. 509 mm (20.04 in)

2. Maximum inflated passenger air bag

B. 701 mm (27.6 in)

E. 315 mm (12.4 in)

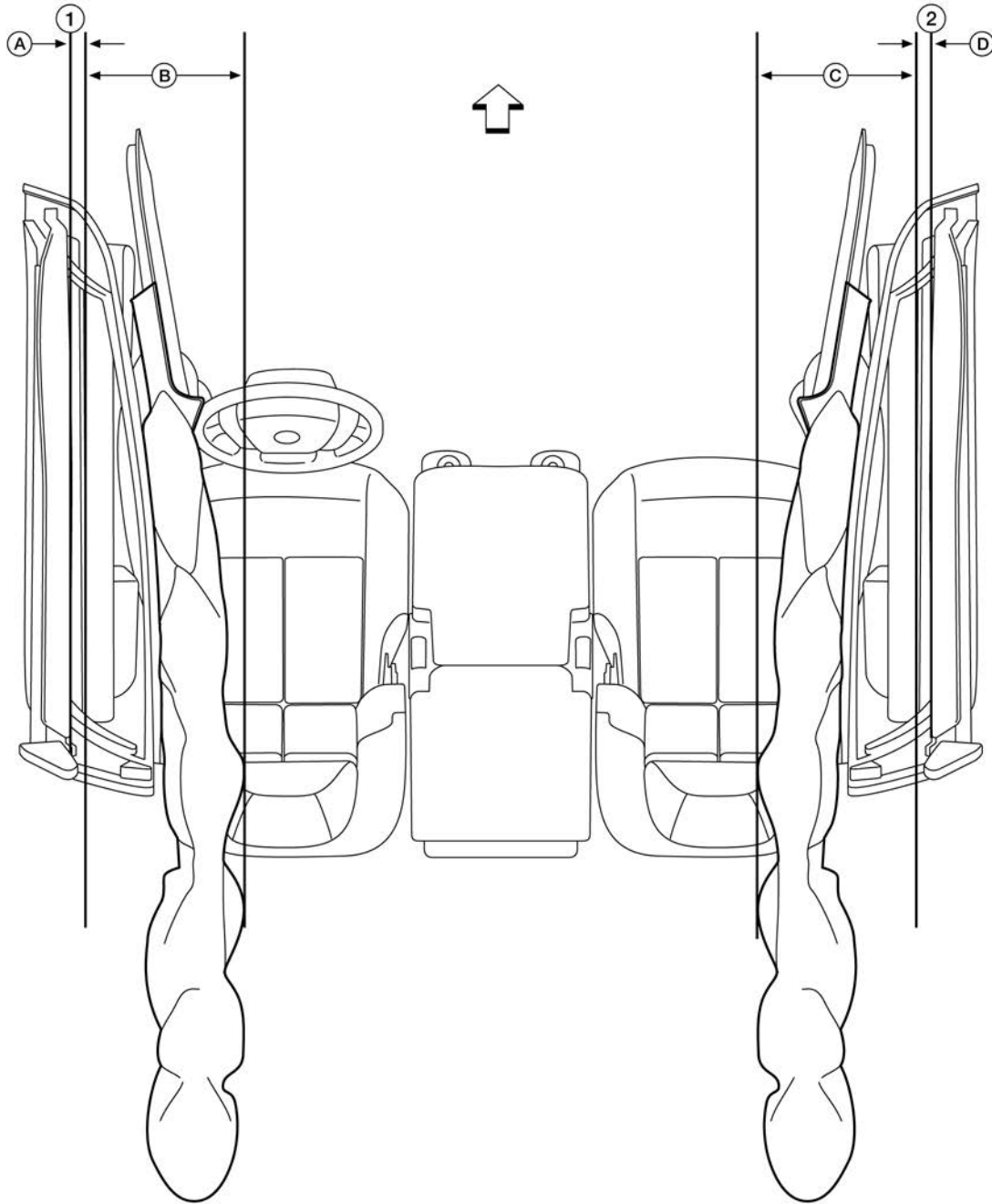
3. Maximum inflated side air bag

C. 737 mm (29.01 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Side Curtain Air Bag Inflation Zones — Overhead View



AAZIA0554ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 311 mm (12.24 in)

2. Reference point: door glass trim edge

C. 250 mm (9.84 in)

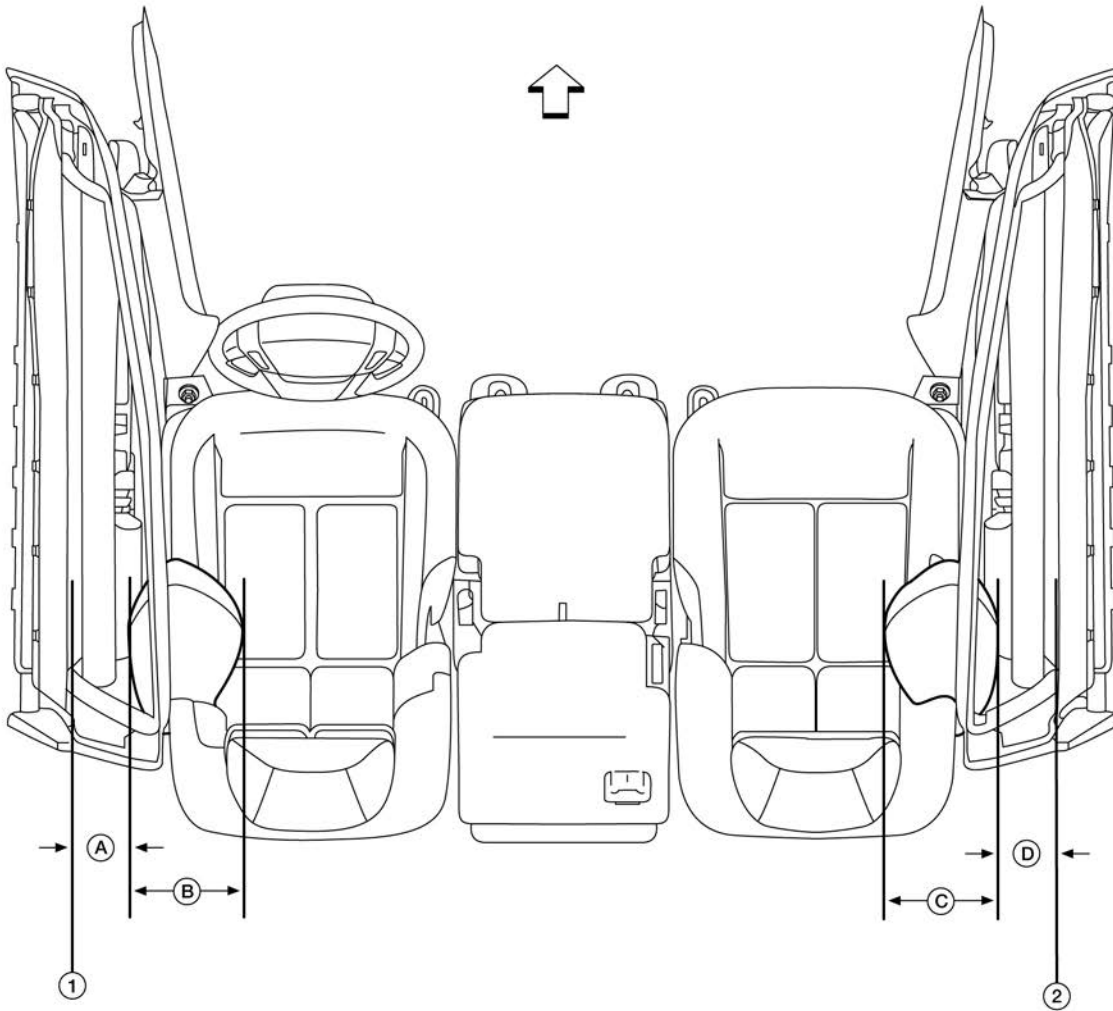
A. 43 mm (1.69 in)

D. 103 mm (4.06 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Side Air Bag Inflation Zones — Overhead View



AAZIA0552ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 206 mm (8.11 in)

2. Reference point: door glass trim edge

C. 206 mm (8.11 in)

A. 107 mm (4.21 in)

D. 107 mm (4.21 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

FRONT AIR BAG MODULE LOCATIONS



WARNING:

Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

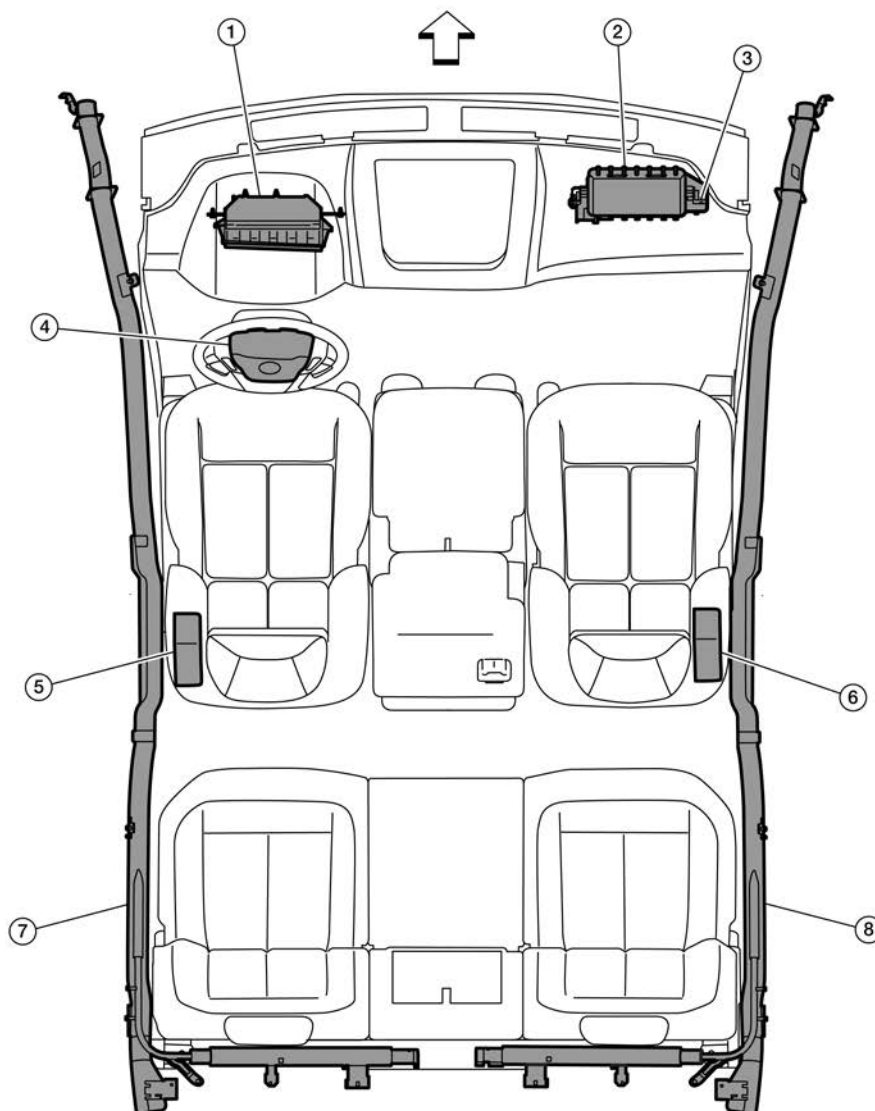
NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Overhead View



TGAZIA0115ZZ

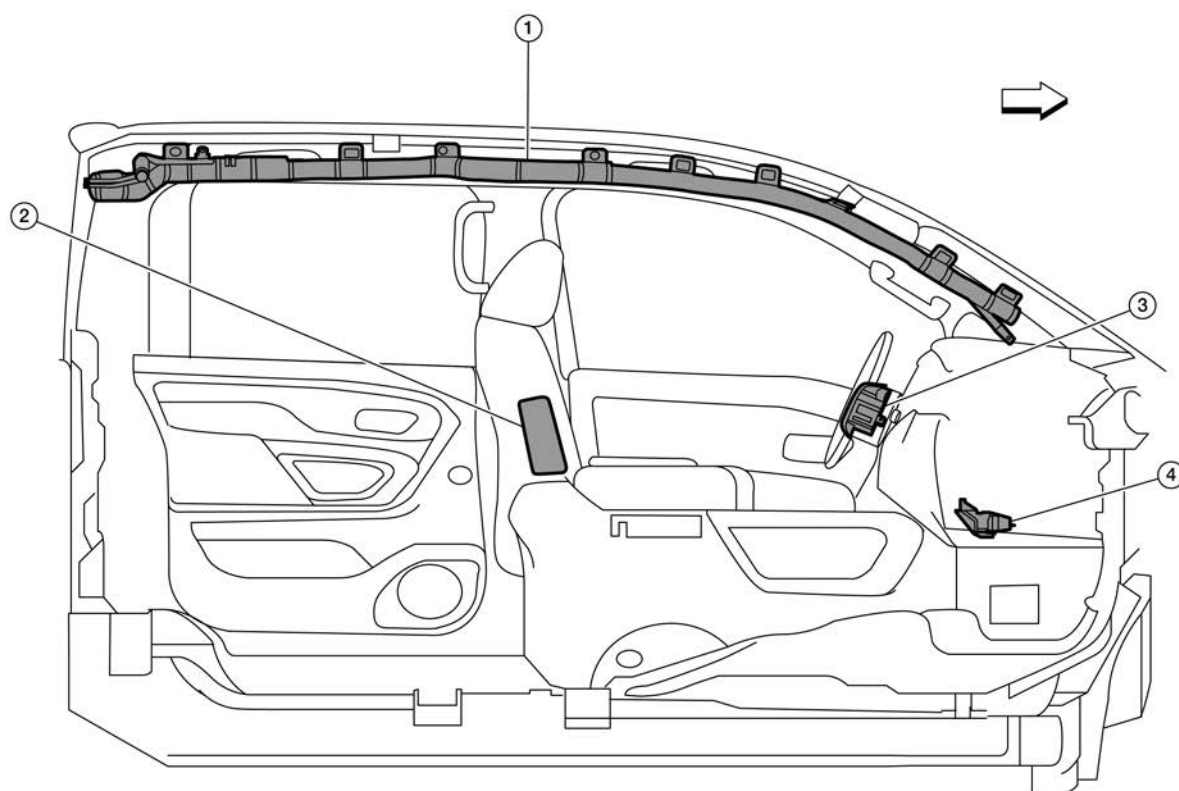
↖: Front of vehicle.

- | | | |
|--|---|-----------------------------------|
| 1. Driver knee air bag module | 2. Passenger air bag module | 3. Passenger knee air bag module |
| 4. Driver air bag module | 5. Side air bag module, driver | 6. Side air bag module, passenger |
| 7. Side curtain air bag module, driver | 8. Side curtain air bag module, passenger | |

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Driver Side



TGAZIA0117ZZ

↔: Front of vehicle.

1. Side curtain air bag module

2. Side air bag module

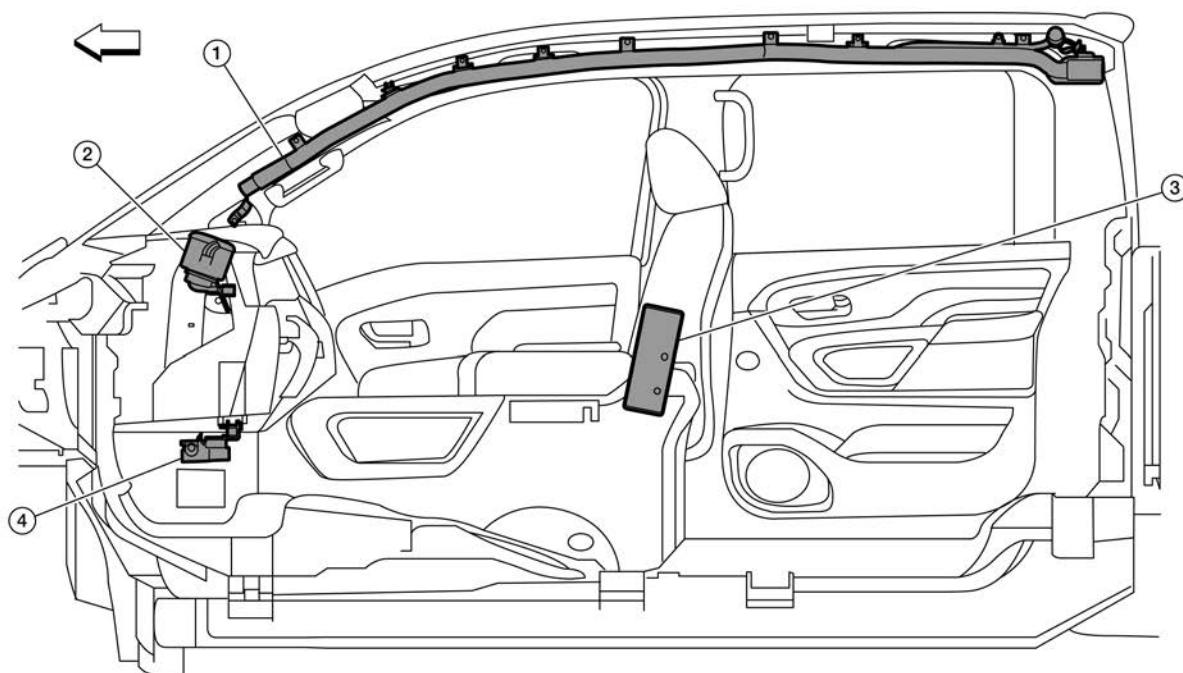
3. Driver air bag module

4. Driver knee air bag module

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Passenger Side

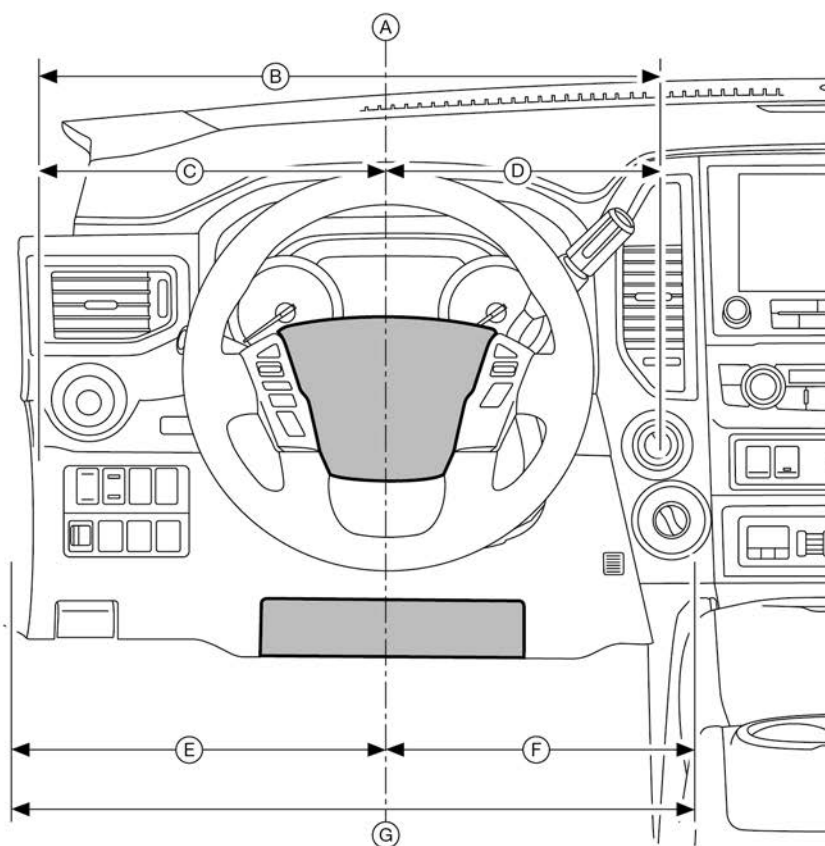


TGAAZIA0118ZZ

↖: Front of vehicle.

- | | | |
|----------------------------------|-----------------------------|------------------------|
| 1. Side curtain air bag module | 2. Passenger air bag module | 3. Side air bag module |
| 4. Passenger knee air bag module | | |

Driver Air Bag Deployment Width



TGAZIA0113ZZ

A. Center of the driver air bag module housing

B. Maximum lateral projection of the deployed driver air bag 603.61 mm (23.76 in)

C. 305.22 mm (12.02 in)

D. 298.40 mm (11.75 in)

E. 352.51 mm (13.88 in)

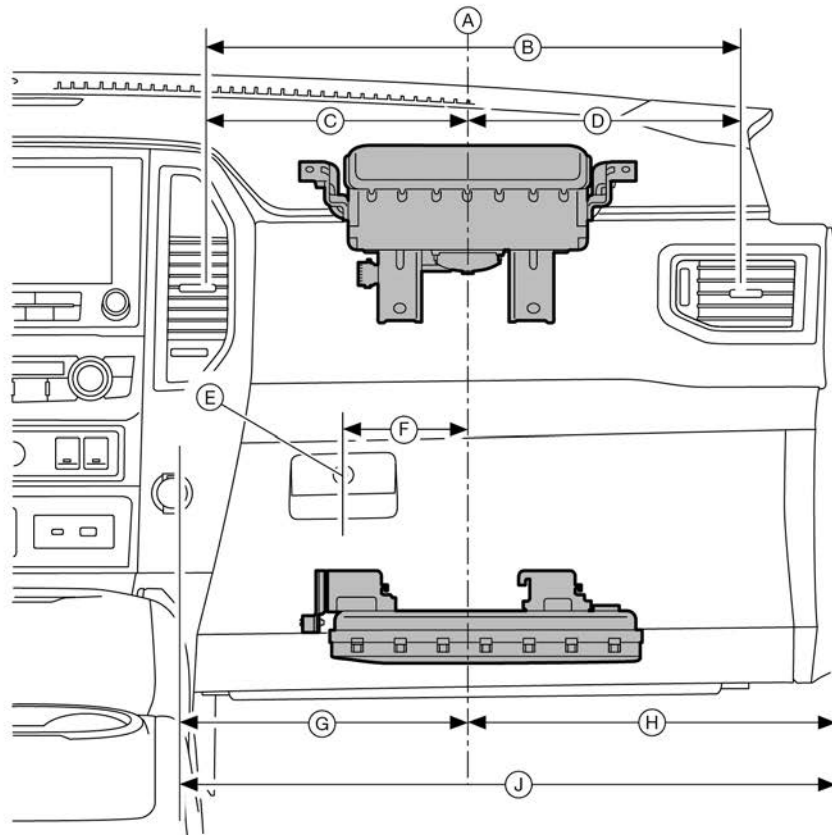
F. 303.14 mm (11.93 in)

G. Maximum lateral projection of the deployed driver knee air bag 655.65 mm (25.81 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Passenger Air Bag Deployment Width



TGAAZIA0114ZZ

A. Center of passenger air bag module housing	B. Maximum lateral projection of the deployed passenger air bag 524.00 mm (20.63 in)	C. 255.11 mm (10.04 in)
D. 268.89 mm (10.59 in)	E. Reference point: glove box key hole	F. 130.86 mm (5.15 in)
G. 157.75 mm (6.21 in)	H. 505.45 mm (19.90 in)	J. Maximum lateral projection of the deployed passenger knee air bag 667.00 mm (26.26 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

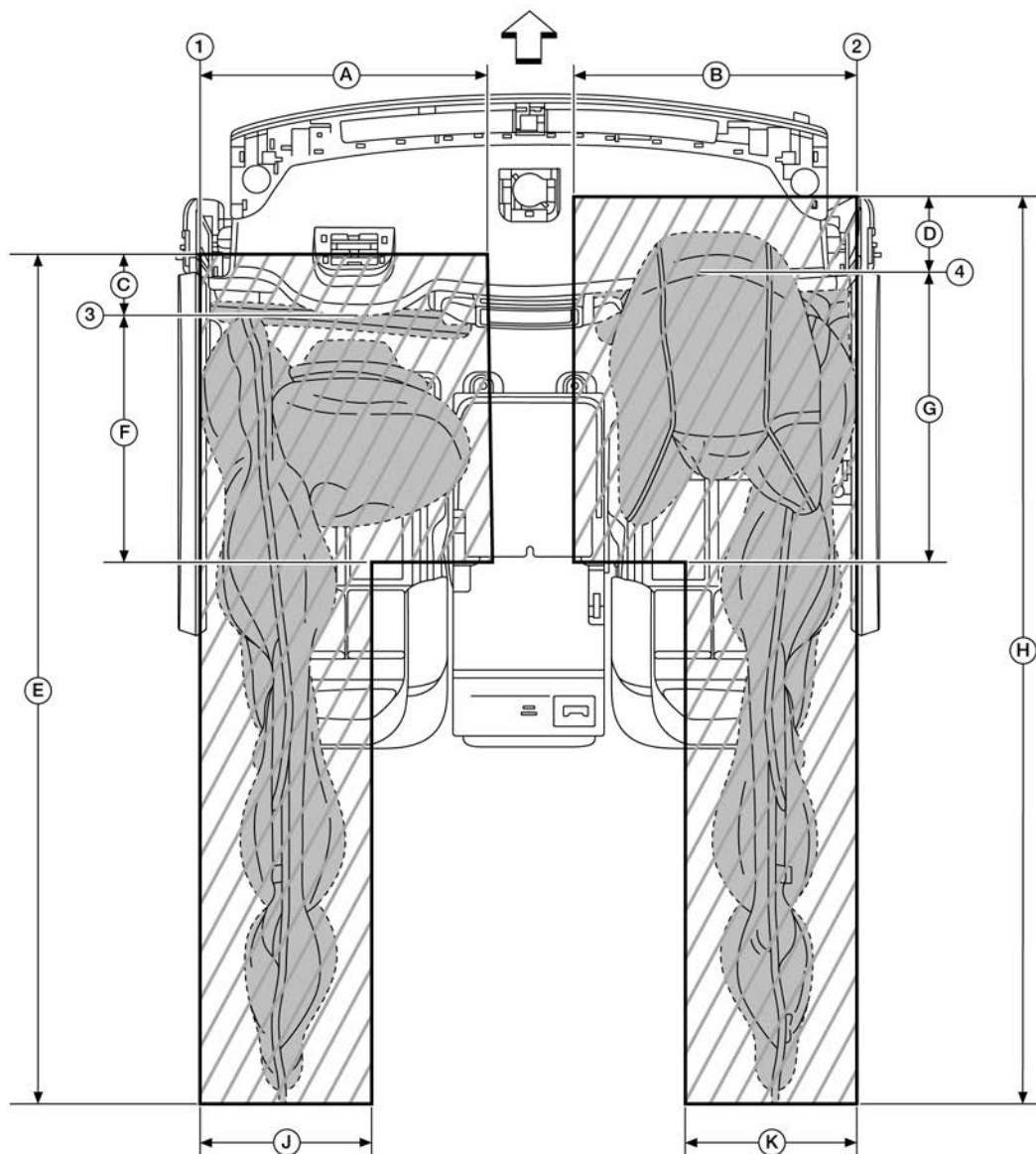
[SAFETY INFORMATION]

AIR BAG DEPLOYMENT KEEP-OUT ZONES

Front Air Bag Keep-Out Zones — Overhead View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



TGAAZIA0086ZZ

: Front of vehicle.

1. Reference point: door glass trim edge

2. Reference point: door glass trim edge

3. Reference point: instrument panel edge (combination meter shroud)

4. Reference point: SRS label

A. 793.30 mm (31.23 in)

B. 735.44 mm (28.95 in)

C. 5700 mm (2.24 in)

D. 142.31 mm (5.60 in)

E. 1,993.66 mm (78.49 in)

F. 688.07 mm (27.09 in)

G. 852.89 mm (33.58 in)

H. 2,209.27 mm (86.98 in)

J. 452.16 mm (17.80 in)

K. 452.16 mm (17.80 in)

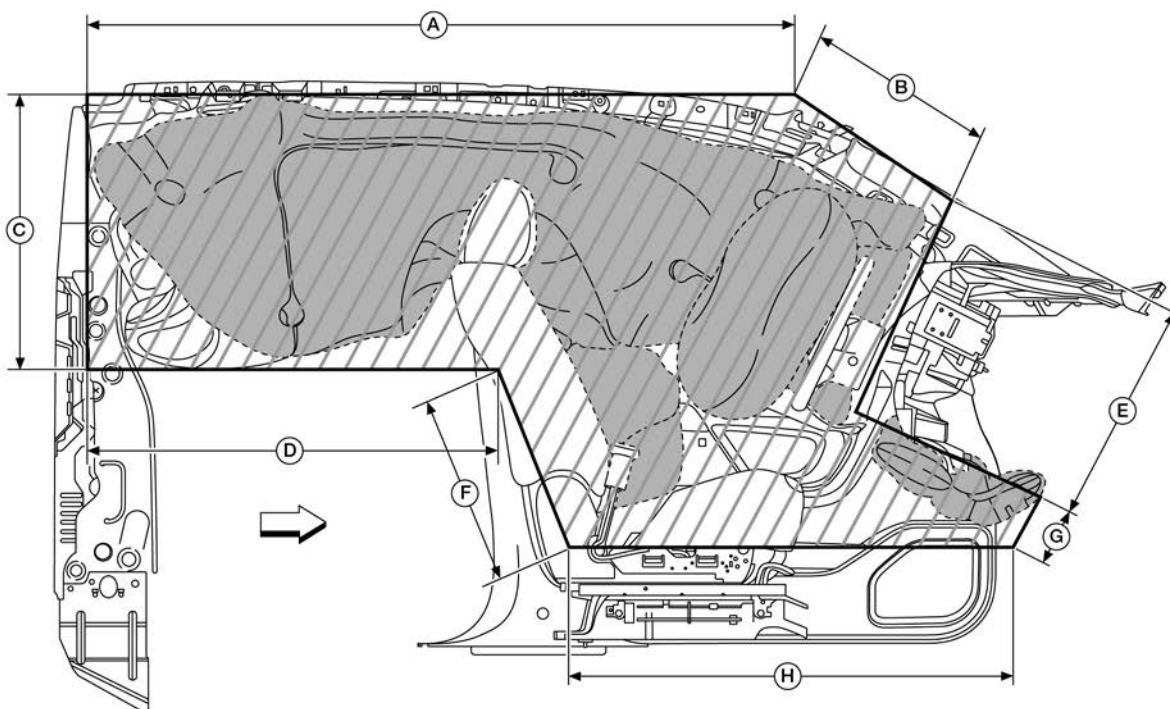
FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Driver Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



TGAAZIA0087ZZ

: Front of vehicle.

A. 1,448.00 mm (57.01 in)

B. 598.58 mm (23.57 in)

C. 630.00 mm (24.80 in)

D. 899.96 mm (35.43 in)

E. 505.89 mm (19.92 in)

F. 461.59 mm (18.17 in)

G. 146.54 mm (5.77 in)

H. 1,078.48 mm (42.46 in)

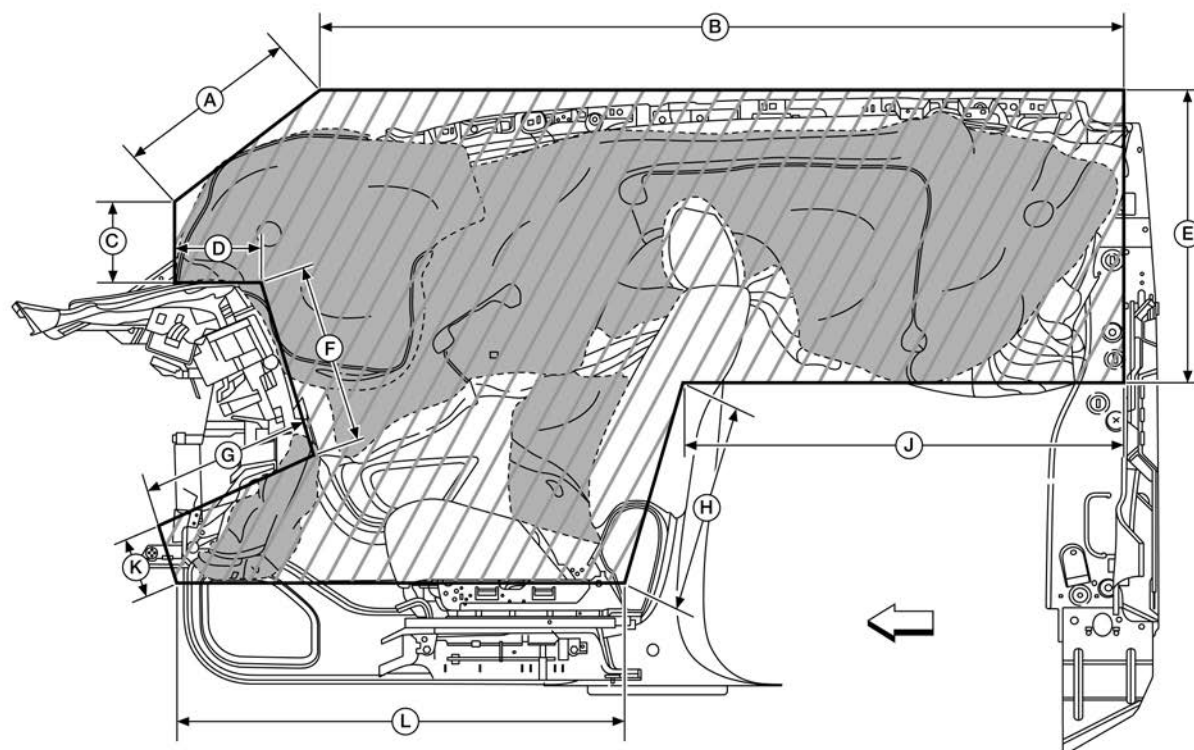
FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Passenger Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



TGAAZIA0088ZZ

: Front of vehicle.

A. 354.78 mm (13.97 in)

D. 237.06 mm (9.33 in)

G. 370.22 mm (14.58 in)

K. 178.68 mm (7.03 in)

B. 1,873.15 mm (73.75 in)

E. 630.00 mm (24.80 in)

H. 461.59 mm (18.17 in)

L. 989.61 mm (38.96 in)

C. 228.05 mm (8.98 in)

F. 328.11 mm (12.92 in)

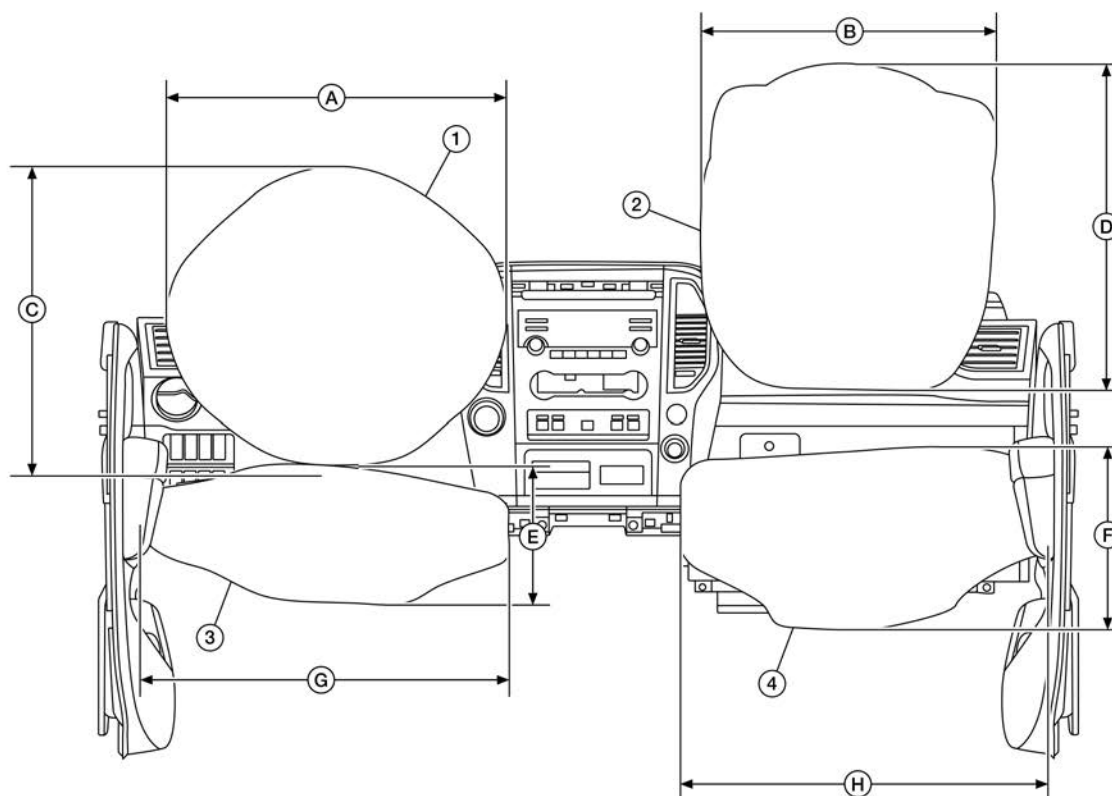
J. 899.96 mm (35.43 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

INFLATED AIR BAG ZONE DIMENSIONS

Driver and Passenger Air Bag Inflation Zones — Forward View



TGAAZIA0089ZZ

1. Maximum inflated driver air bag

4. Maximum inflated front passenger knee air bag

C. 533.19 mm (20.99 in)

F. 327.39 mm (12.89 in)

2. Maximum inflated front passenger air bag

A. 603.61 mm (23.76 in)

D. 578.85 mm (22.79 in)

G. 655.65 mm (25.81 in)

3. Maximum inflated front driver knee air bag

B. 527.43 mm (20.76 in)

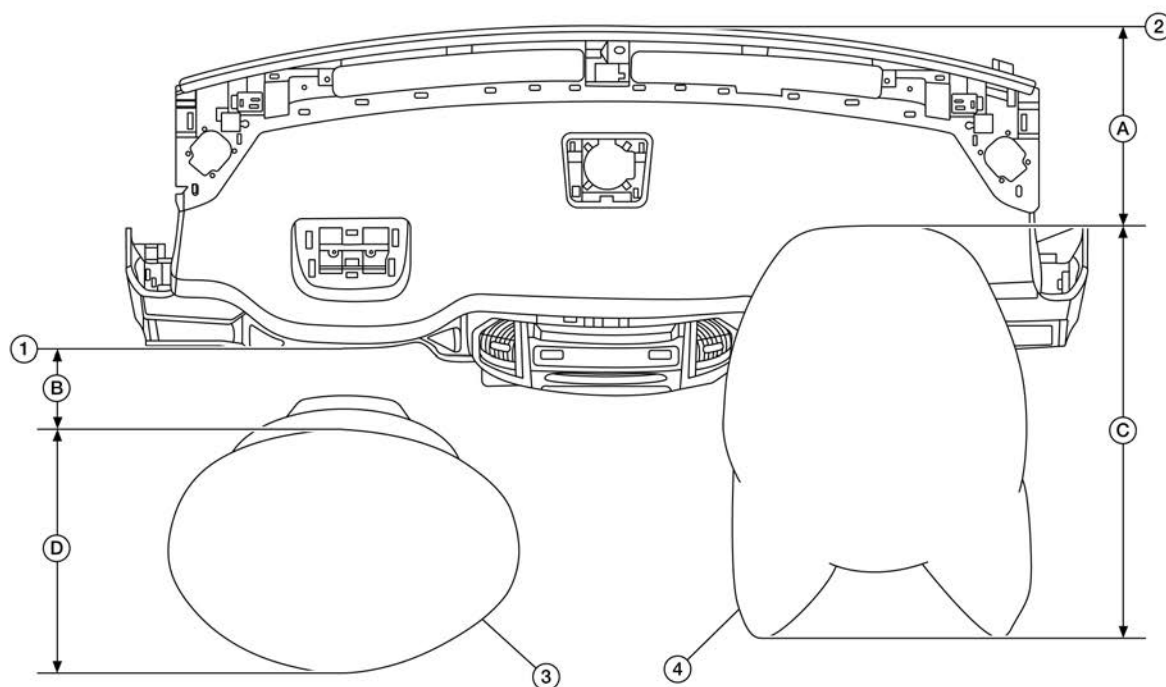
E. 253.47 mm (9.98 in)

H. 667.00 mm (26.26 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Overhead View



TGAZIA0090ZZ

1. Reference point: front edge of instrument panel at centerline of driver air bag module

2. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag

3. Maximum inflated driver air bag

4. Maximum inflated front passenger air bag

A. 313.02 mm (12.32 in)

B. 157.15 mm (6.19 in)

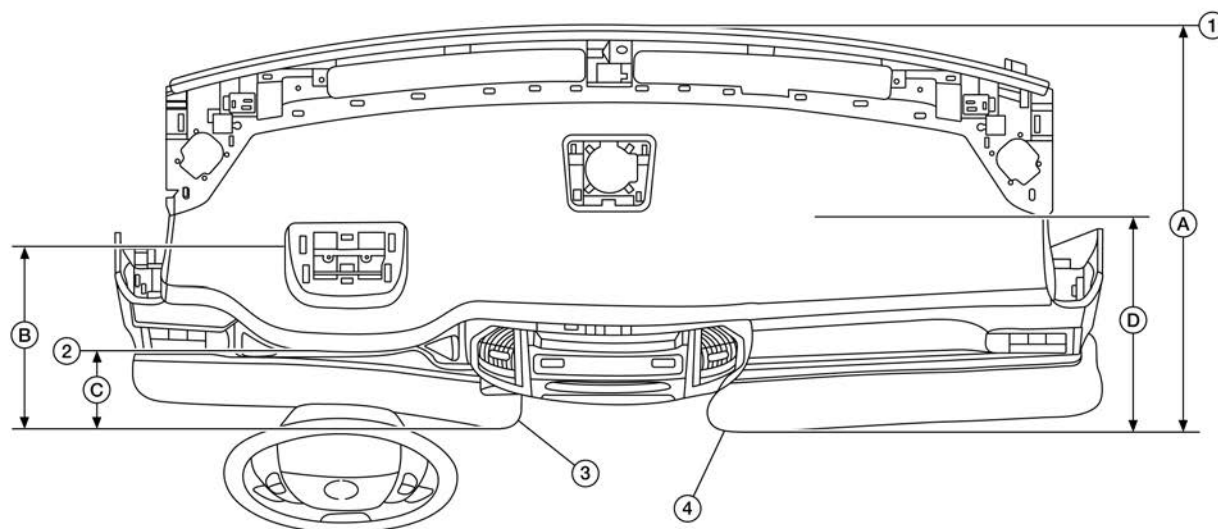
C. 708.11 mm (27.88 in)

D. 416.92 mm (16.41 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Knee Air Bag Inflation Zones — Overhead View



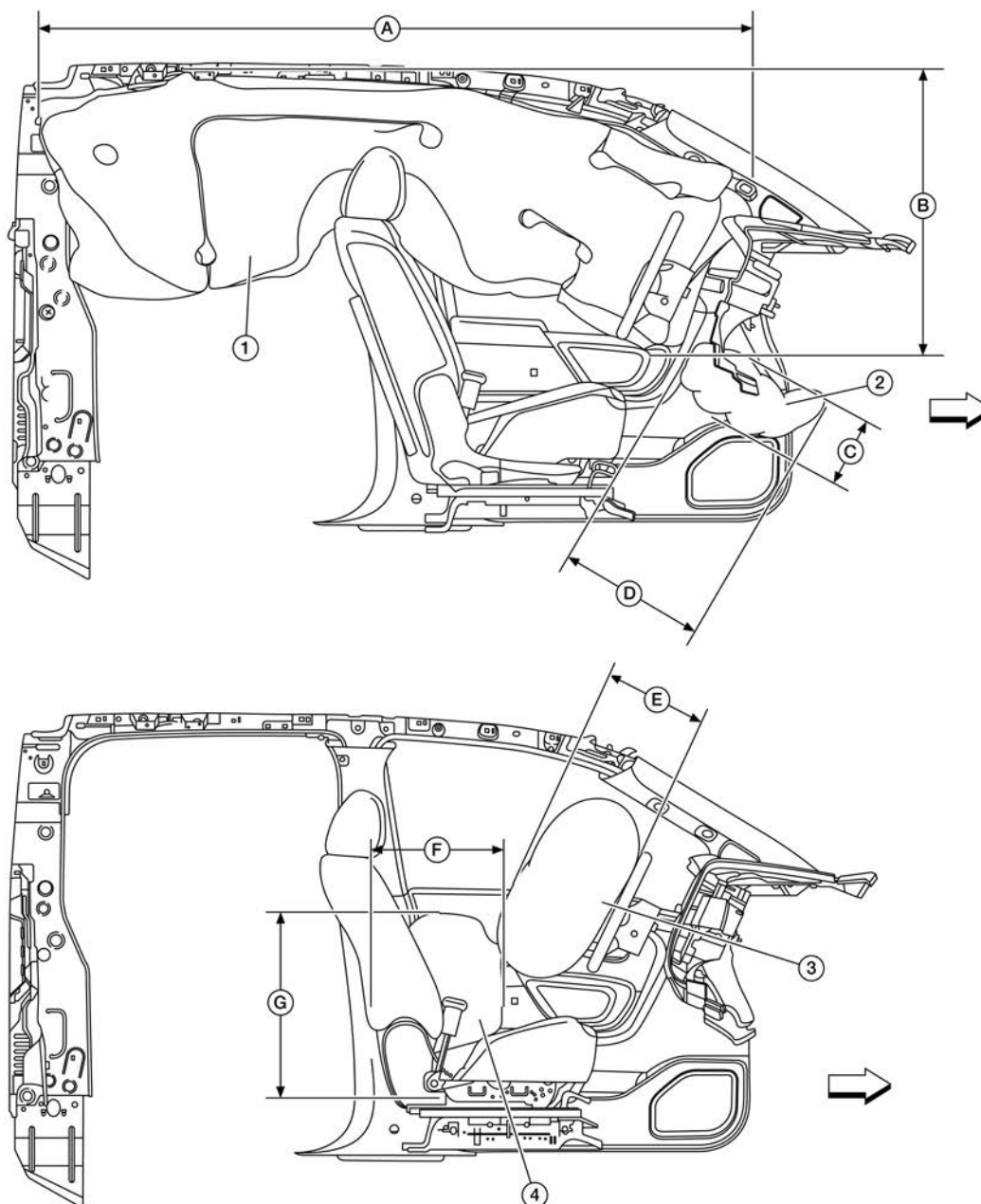
TGAAZIA0091ZZ

- | | | |
|---|--|---|
| 1. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag | 2. Reference point: front edge of instrument panel at center line of driver air bag module | 3. Maximum inflated driver knee air bag |
| 4. Maximum inflated passenger knee air bag | A. 651.47 mm (25.65 in) | B. 409.23 mm (16.11 in) |
| C. 135.02 mm (5.32 in) | D. 387.10 mm (15.24 in) | |

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Driver Side View



TGAAZIA0092ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

4. Maximum inflated side air bag

C. 179.70 mm (7.07 in)

F. 327.85 mm (12.91 in)

2. Maximum inflated driver knee air bag

A. 1,954.79 mm (76.96 in)

D. 394.04 mm (15.51 in)

G. 482.40 mm (18.99 in)

3. Maximum inflated driver air bag

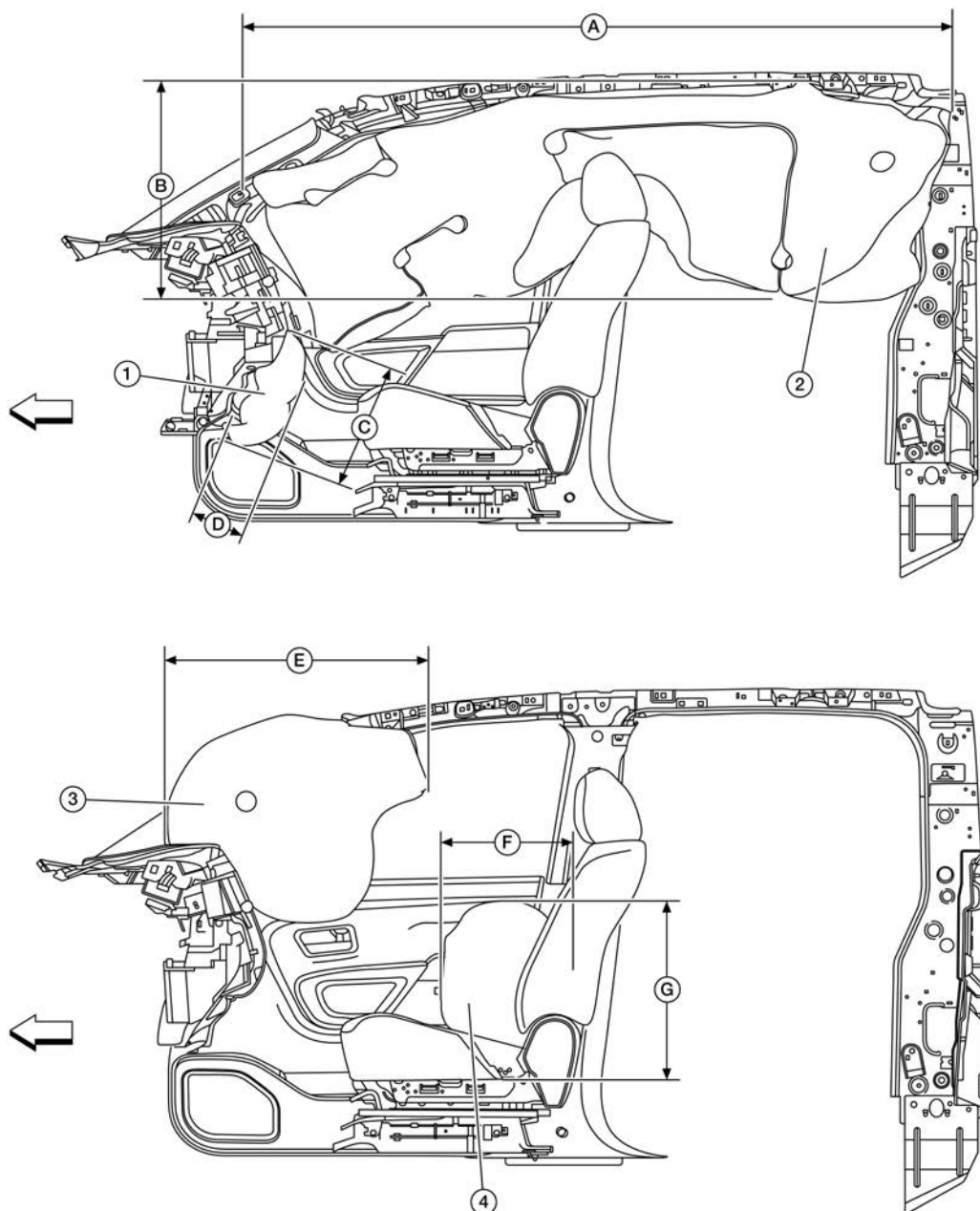
B. 802.68 mm (31.60 in)

E. 293.25 mm (11.55 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Passenger Side View



TGAAZIA0094ZZ

↖: Front of vehicle.

1. Maximum inflated passenger knee air bag

4. Maximum inflated side air bag

C. 357.65 mm (14.08 in)

F. 327.85 mm (12.91 in)

2. Maximum inflated side curtain air bag

A. 1,954.79 mm (76.96 in)

D. 178.27 mm (7.02 in)

G. 482.40 mm (18.99 in)

3. Maximum inflated passenger air bag

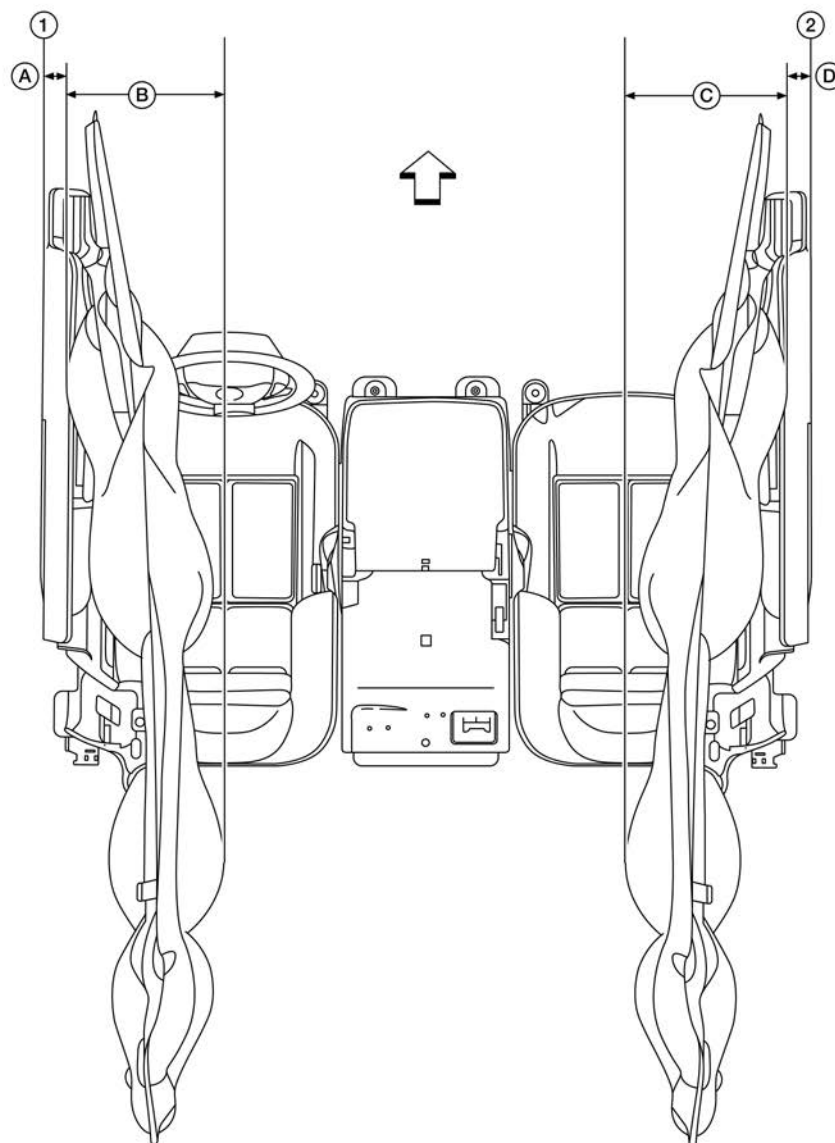
B. 802.68 mm (31.60 in)

E. 722.95 mm (28.46 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Side Curtain Air Bag Inflation Zones — Overhead View



TGAAZIA0106ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 352.49 mm (13.88 in)

2. Reference point: door glass trim edge

C. 352.49 mm (13.88 in)

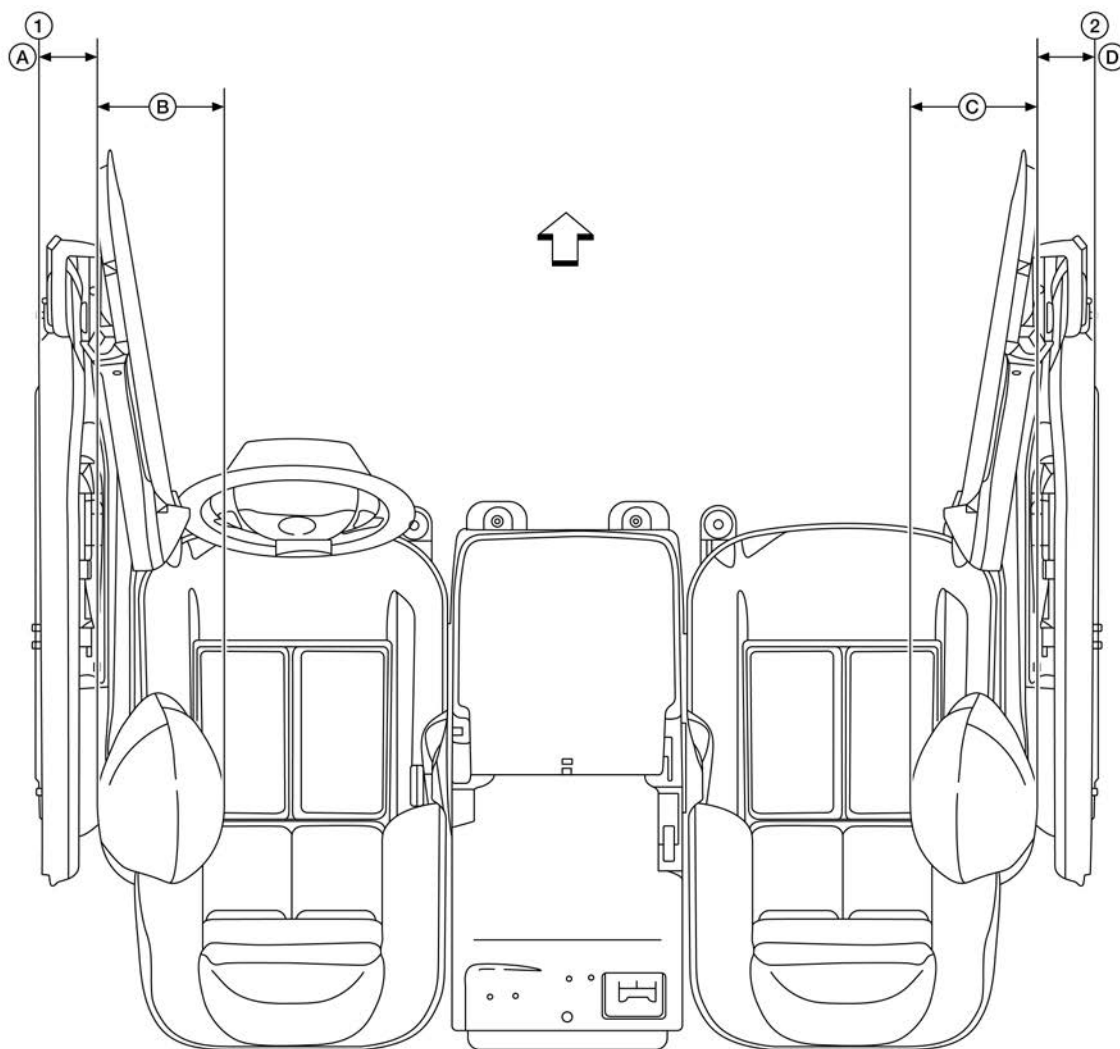
A. 56.24 mm (2.21 in)

D. 56.24 mm (2.21 in)

FRONT AIR BAG DEPLOYMENT ZONES — CREW CAB (2020–2024 Model Years)

[SAFETY INFORMATION]

Side Air Bag Inflation Zones — Overhead View



TGAZIA0107ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 210.39 mm (8.28 in)

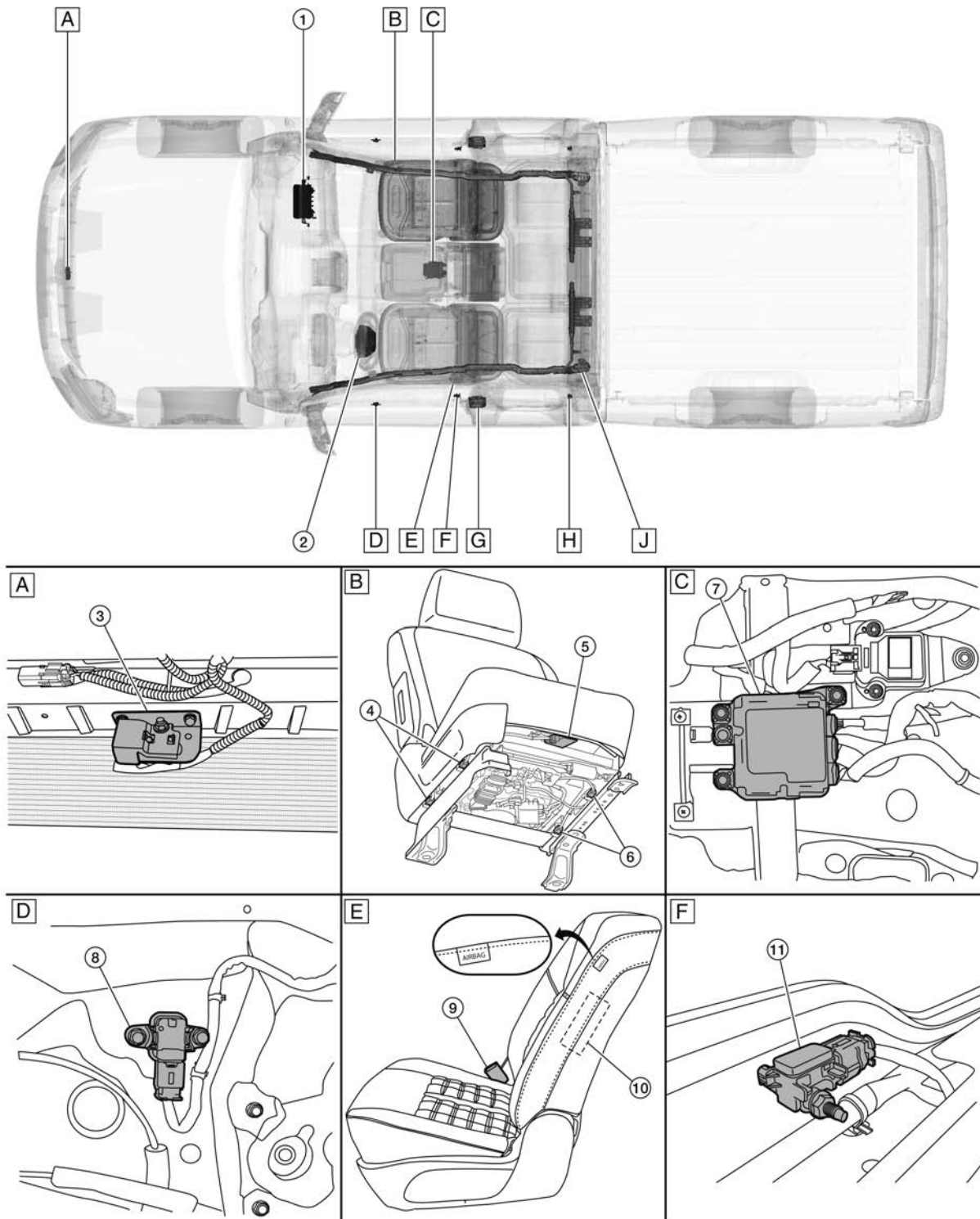
2. Reference point: door glass trim edge

C. 210.39 mm (8.28 in)

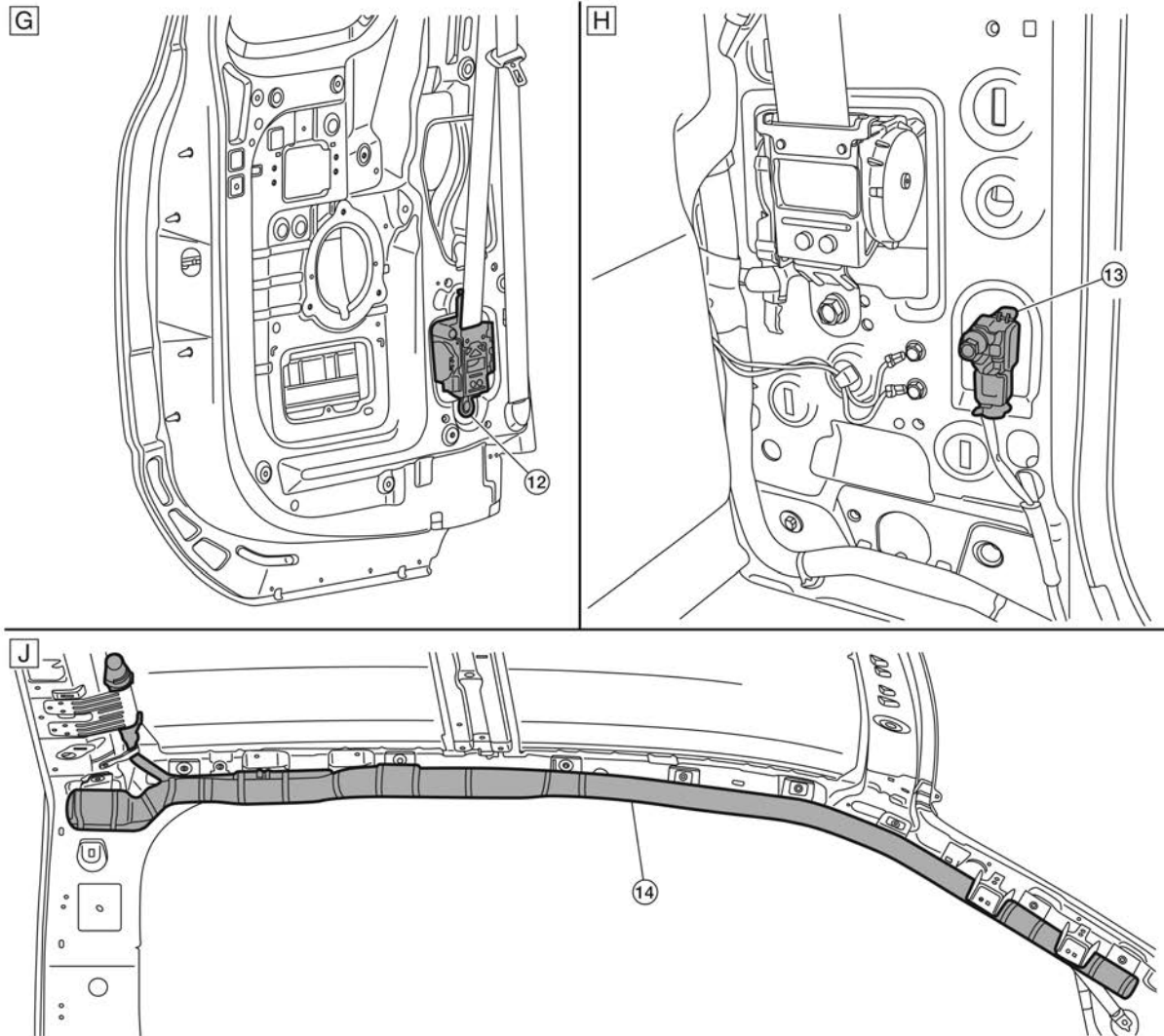
A. 93.23 mm (3.67 in)

D. 93.23 mm (3.67 in)

SRS COMPONENT LOCATIONS — KING CAB® (2017-2019 Model Years)



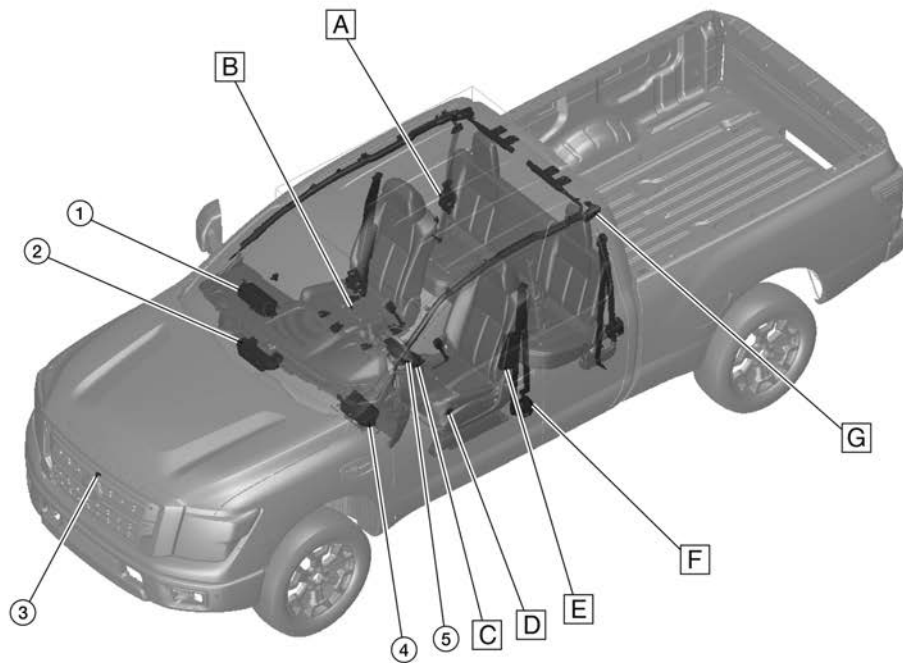
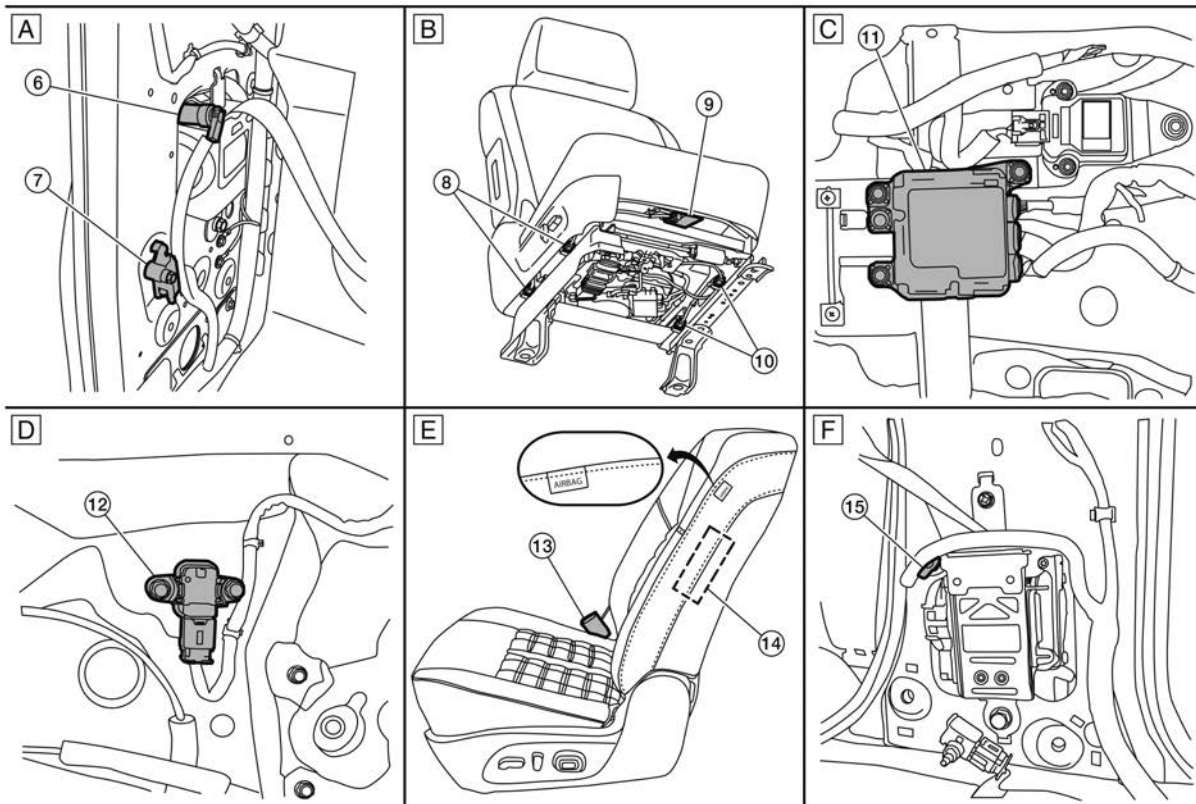
AAZIA0891ZZ



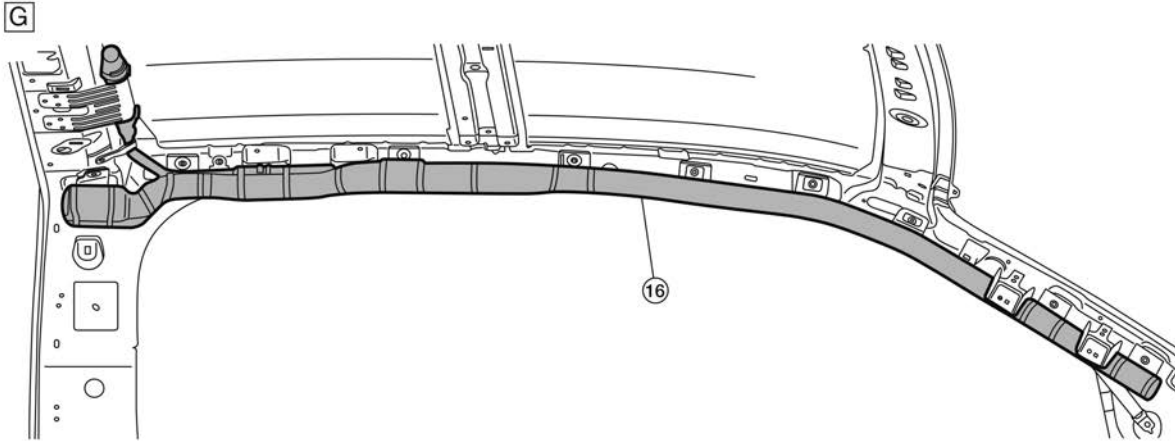
AAZIA0892ZZ

- | | |
|--|--|
| 1. Front passenger air bag module | 2. Driver air bag module |
| 3. Crash zone sensor (front view from underneath radiator core support) | 4. Outboard occupant classification system sensors |
| 5. Occupant classification system control unit | 6. Inboard occupant classification system sensors |
| 7. Air bag diagnosis sensor unit | 8. Front LH door satellite sensor (RH similar) |
| 9. Seat belt buckle switch LH | 10. Front LH side air bag module (RH similar) |
| 11. Front LH side air bag satellite sensor (RH similar)
(all 2017 model year vehicles)
(2018-2019 model years, if so equipped) | 12. Front LH seat belt pre-tensioner (RH similar) |
| 13. Rear LH side air bag satellite sensor (RH similar) | 14. LH side curtain air bag module (RH similar)
(view with headliner and A-pillar trim removed) |

SRS COMPONENT LOCATIONS — KING CAB® (2020–2024 Model Years)



TGAZIA0120ZZ



TCAAZIA0123ZZ

- | | |
|---|---|
| 1. Front passenger air bag module | 2. Passenger knee air bag module |
| 3. Crash zone sensor | 4. Driver knee air bag module |
| 5. Driver air bag module | 6. Front RH seat belt pre-tensioner (LH similar) |
| 7. Front RH side air bag satellite sensor (LH similar) (if so equipped) | 8. Outboard occupant classification system sensors |
| 9. Occupant classification system control unit | 10. Inboard occupant classification system sensors |
| 11. Air bag diagnosis sensor unit | 12. Front LH door satellite sensor (RH similar) |
| 13. Seat belt buckle switch LH | 14. Front LH side air bag module (RH similar) |
| 15. Front LH seat belt pre-tensioner (RH similar) | 16. LH side curtain air bag module (RH similar) (view with headliner and A-pillar trim removed) |

OCCUPANT CLASSIFICATION SYSTEM

**WARNING:**

After removal and installation of the front passenger seat, a zero point reset function must be performed. It is recommended that this be performed by a NISSAN dealer using a special tool. If zero point reset is not performed, the occupant classification system may not operate normally which may increase the risk of serious injury or death in a collision.

**WARNING:**

Do not disturb or modify the front passenger seat wiring. Failure to follow this instruction may cause incorrect operation of the occupant classification system and front passenger air bag or system failure and may increase the risk of serious injury or death in a collision.

The front passenger seat is equipped with seat weight sensors as part of the supplemental restraints occupant classification system. The occupant classification sensors (weight sensors) are on the seat cushion frame under the front passenger seat and are designed to detect an occupant and objects on the seat. The front passenger air bag status lamp is illuminated when the system is disabled. For occupant classification system and front passenger air bag operation, refer to the Owner's Manual. For repair of the front passenger seat, occupant classification system, air bags or if an air bag warning lamp is illuminated, it is recommended that you visit a NISSAN dealer.

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

FRONT AIR BAG MODULE LOCATIONS



WARNING:

Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

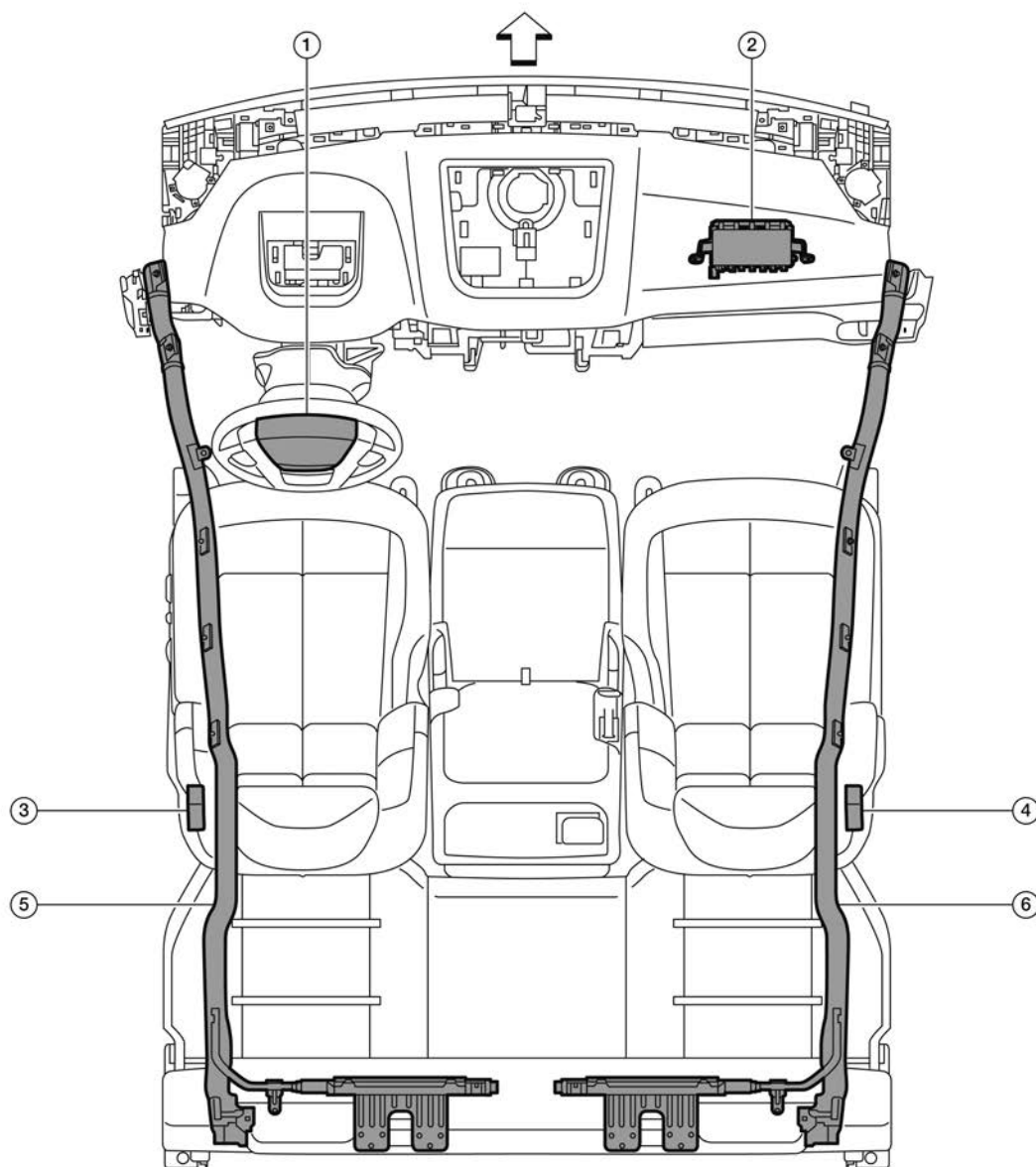
NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Overhead View



AAZIA0893ZZ

↖: Front of vehicle.

1. Driver air bag module

4. Side air bag module,
passenger

2. Passenger air bag module

5. Side curtain air bag module,
driver

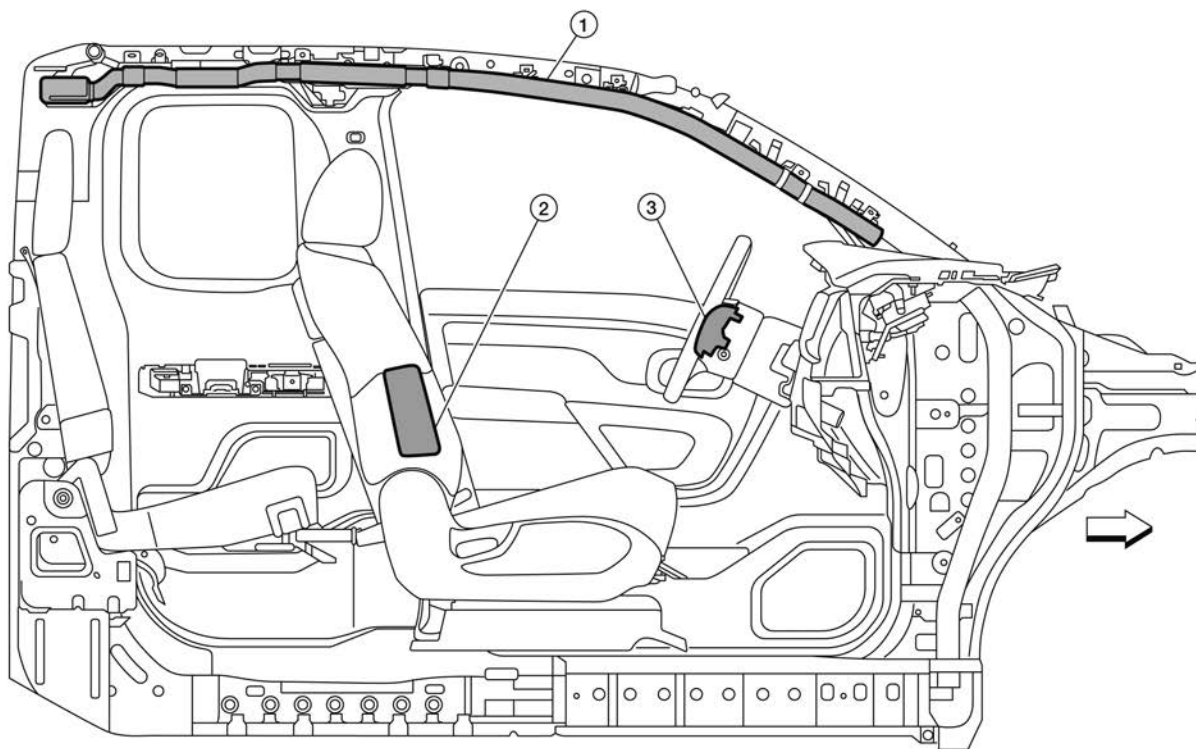
3. Side air bag module, driver

6. Side curtain air bag module,
passenger

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Driver Side



AAZIA0894ZZ

↖: Front of vehicle.

1. Side curtain air bag module

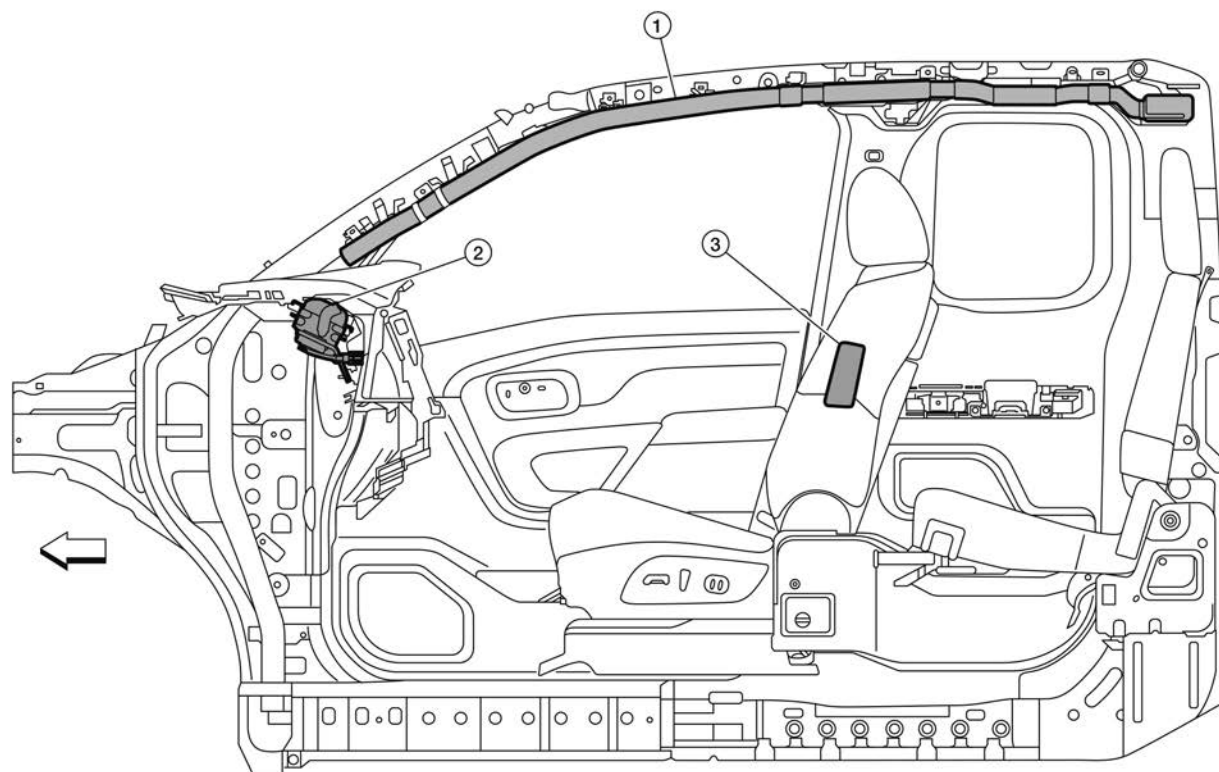
2. Side air bag module

3. Driver air bag module

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Passenger Side

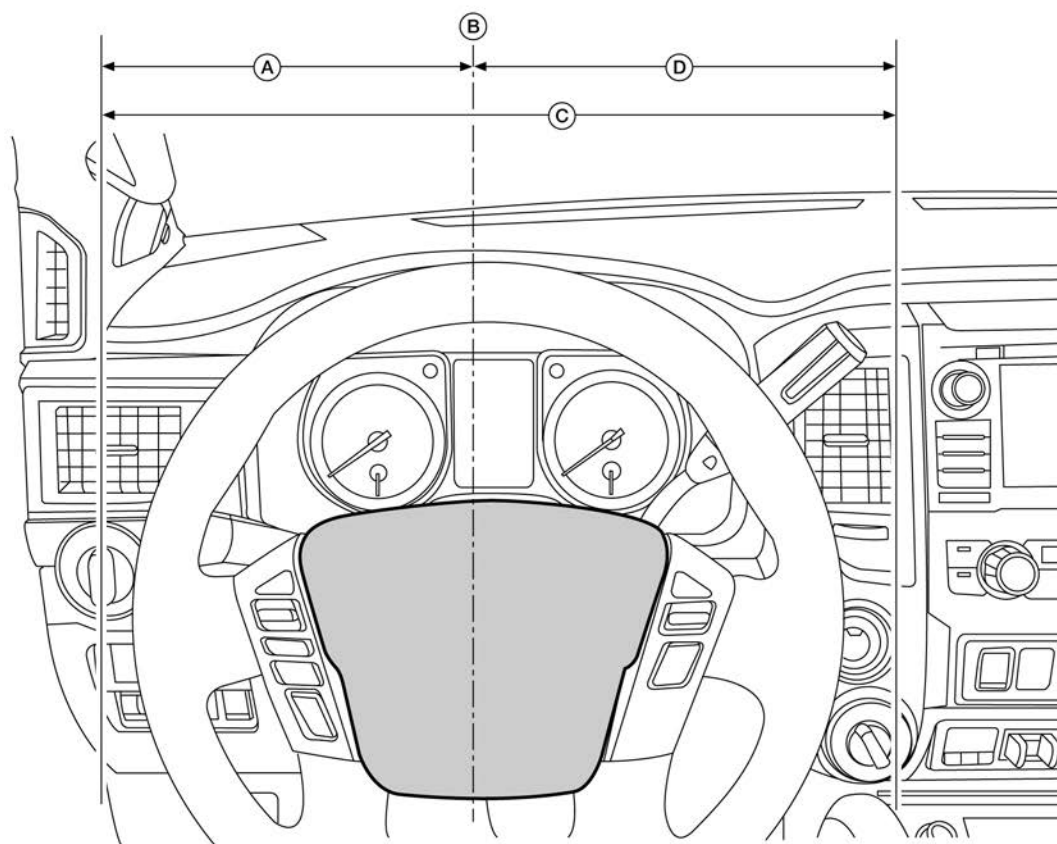


TGAAZIA0122ZZ

↩: Front of vehicle.

1. Side curtain air bag module 2. Passenger air bag module 3. Side air bag module

Driver Air Bag Deployment Width



AAZIA0557ZZ

A. 245.5 mm (9.67 in)

B. Center of the driver air bag
module housing

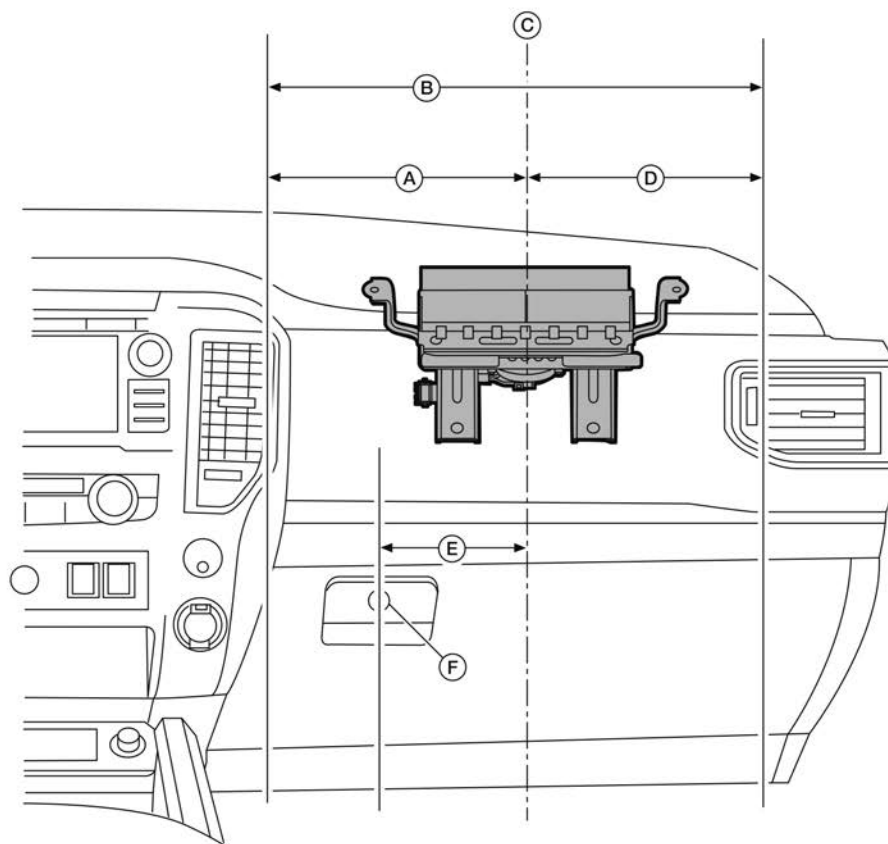
C. Maximum lateral projection
of the deployed driver air bag
491 mm (19.33 in)

D. 245.5 mm (9.67 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Passenger Air Bag Deployment Width



TGAAZIA0050ZZ

A. 233.5 mm (9.19 in)

B. Maximum lateral projection
of the deployed passenger air
bag 467 mm (18.39 in)

C. Center of passenger air bag
module housing

D. 233.5 mm (9.19 in)

E. 130.84 mm (5.15 in)

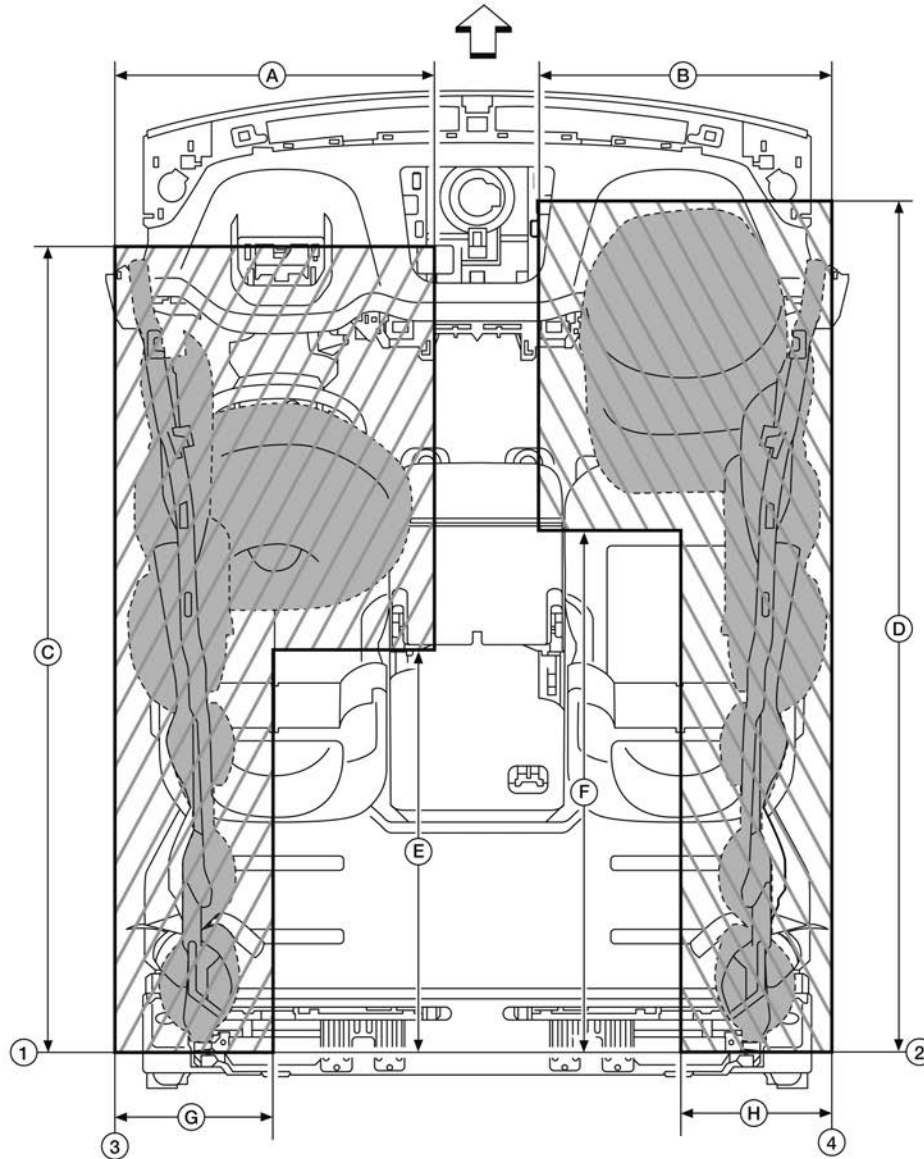
F. Reference point: glove box
key hole

AIR BAG DEPLOYMENT KEEP-OUT ZONES

Front Air Bag Keep-Out Zones — Overhead View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0896ZZ

: Front of vehicle.

1. Reference point: back panel

2. Reference point: back panel

3. Reference point: door glass trim edge

4. Reference point: door glass trim edge

A. 694.35 mm (27.34 in)

B. 623.59 mm (24.55 in)

C. 1,829.82 mm (72.04 in)

D. 1,936.80 mm (76.25 in)

E. 966.44 mm (38.05 in)

F. 1,183.57 mm (46.60 in)

G. 408.23 mm (16.07 in)

H. 408.23 mm (16.07 in)

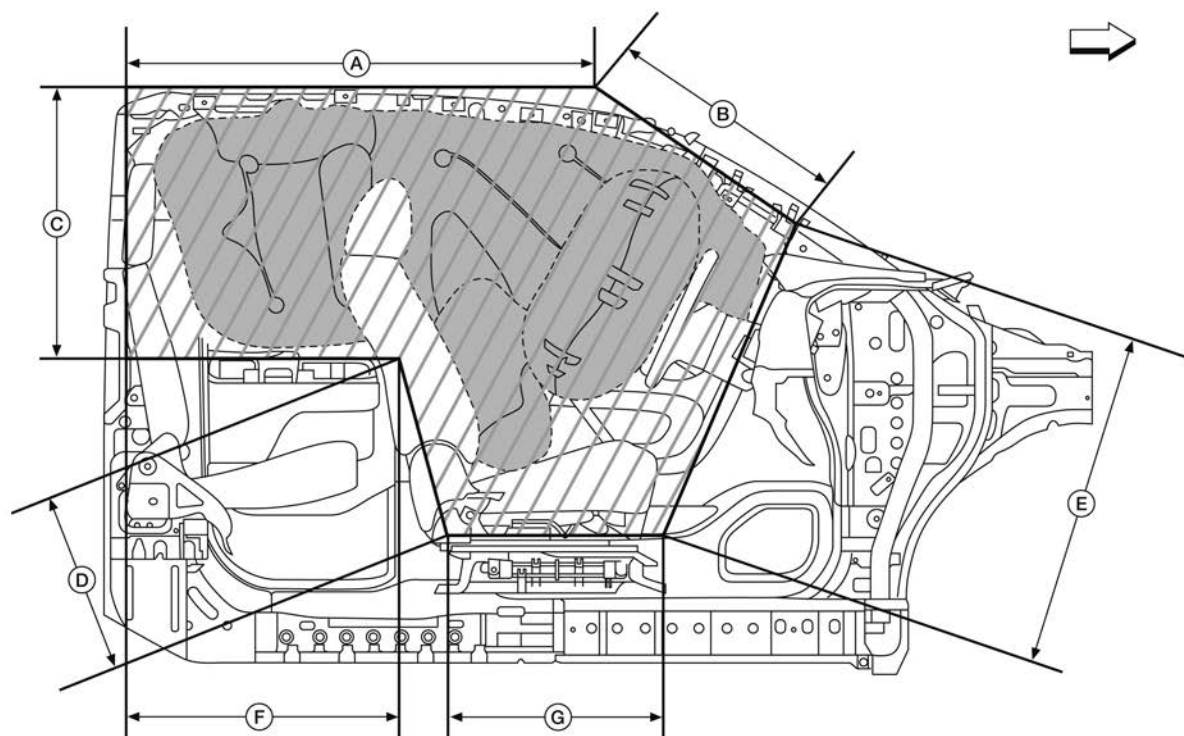
FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Driver Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0897ZZ

: Front of vehicle.

A. 1,341.13 mm (52.80 in)

B. 467.97 mm (18.42 in)

C. 666.69 mm (26.25 in)

D. 457.57 mm (18.01 in)

E. 832.04 mm (32.76 in)

F. 854.54 mm (33.64 in)

G. 579.92 mm (22.83 in)

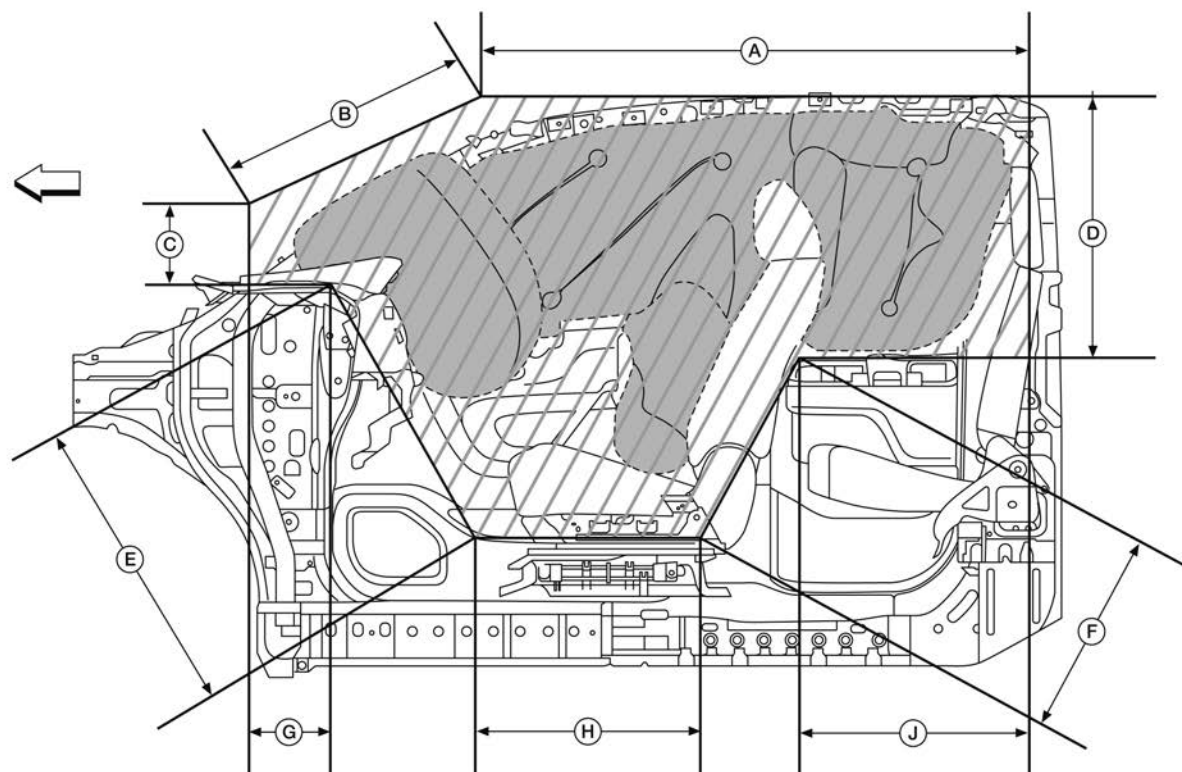
FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Passenger Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0898ZZ

: Front of vehicle.

A. 1,352.92 mm (53.26 in)

B. 750.49 mm (29.55 in)

C. 203.16 mm (7.10 in)

D. 667.00 mm (26.26 in)

E. 693.04 mm (27.28 in)

F. 454.97 mm (17.91 in)

G. 211.73 mm (8.34 in)

H. 574.05 mm (22.60 in)

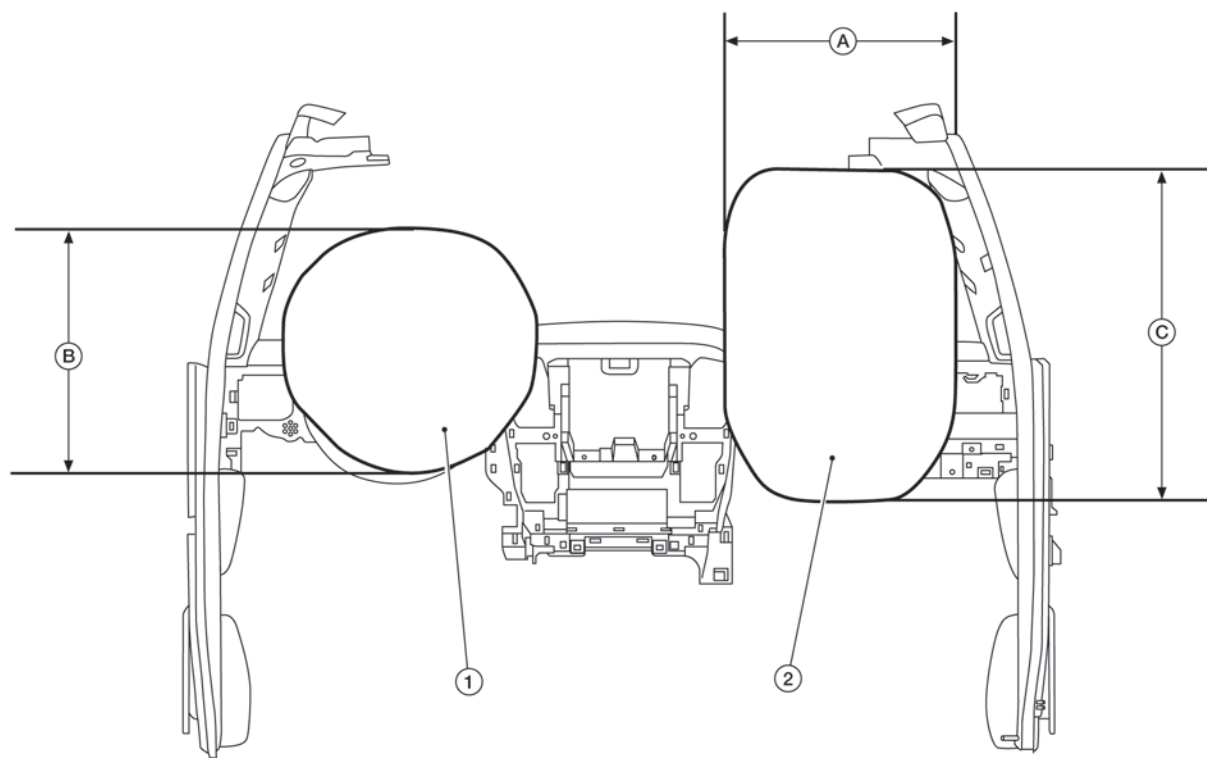
J. 732.30 mm (28.83 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

INFLATED AIR BAG ZONE DIMENSIONS

Driver and Passenger Air Bag Inflation Zones — Forward View



AAZIA0551ZZ

1. Maximum inflated driver air bag
B. 491 mm (19.33 in)

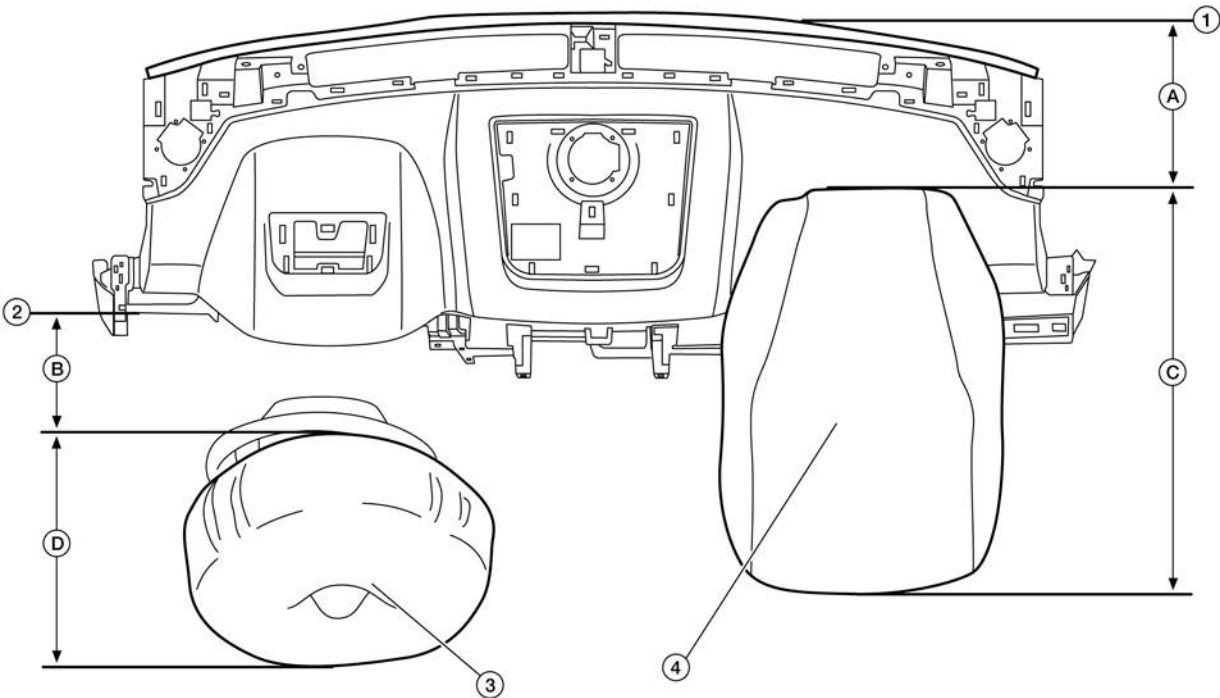
2. Maximum inflated front passenger air bag
C. 746 mm (29.37 in)

A. 440 mm (17.32 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Overhead View



AAZIA0553ZZ

1. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag

2. Reference point: front edge of instrument panel at centerline of driver air bag module

3. Maximum inflated driver air bag
4. Maximum inflated front passenger air bag

A. 257 mm (10.12 in)

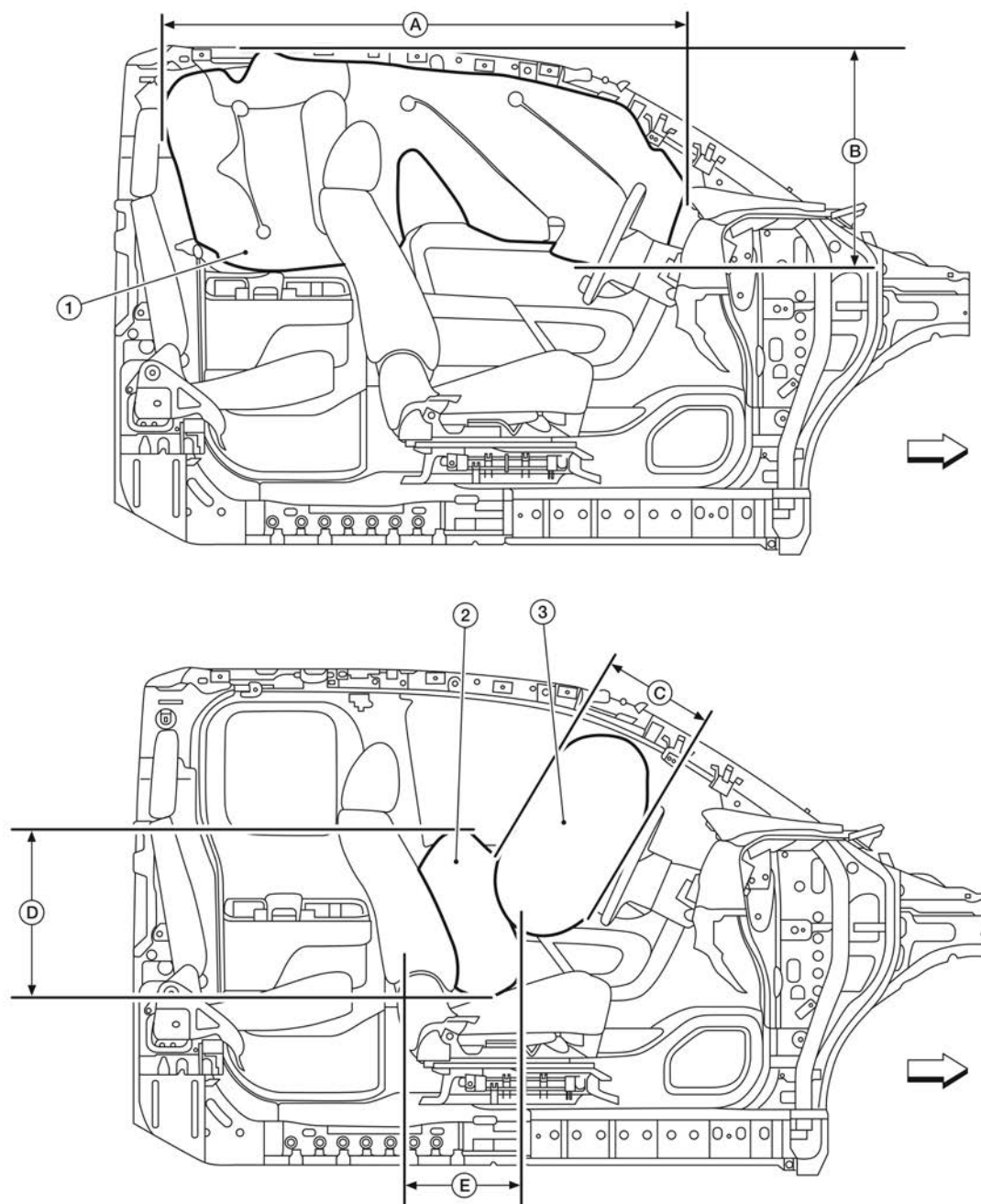
B. 198 mm (7.8 in)
- C. 737 mm (29.01 in)

D. 382 mm (15.04 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Driver Side View



AAZIA0899ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 1,807.02 mm (71.14 in)

D. 509 mm (20.04 in)

2. Maximum inflated side air bag

B. 716.48 mm (28.21 in)

E. 321 mm (12.64 in)

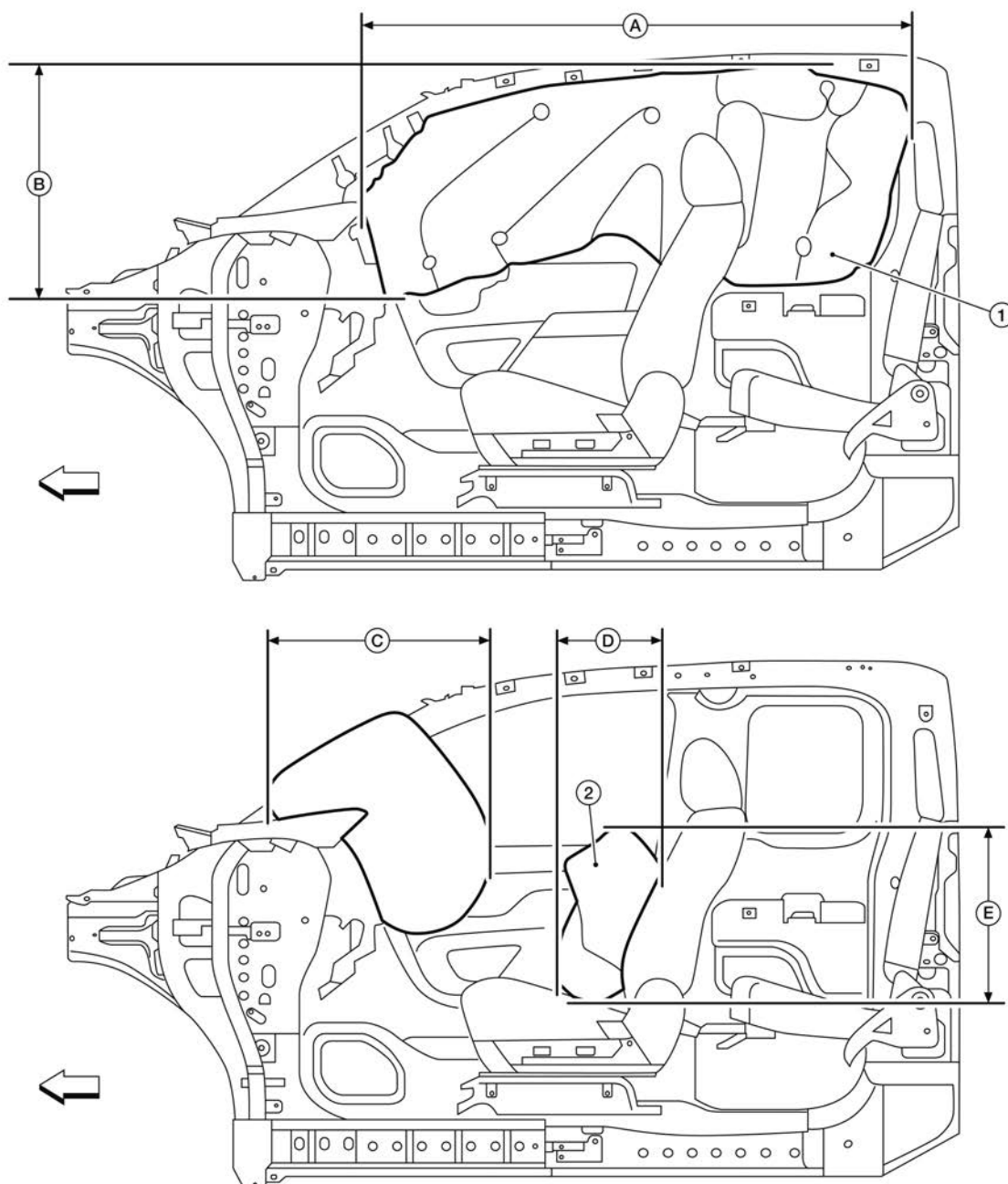
3. Maximum inflated driver air bag

C. 255 mm (10.04 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Passenger Side View



AAZIA0900ZZ

↩: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 1,807.02 mm (71.14 in)

D. 509 mm (20.04 in)

2. Maximum inflated passenger air bag

B. 716.48 mm (28.21 in)

E. 315 mm (12.4 in)

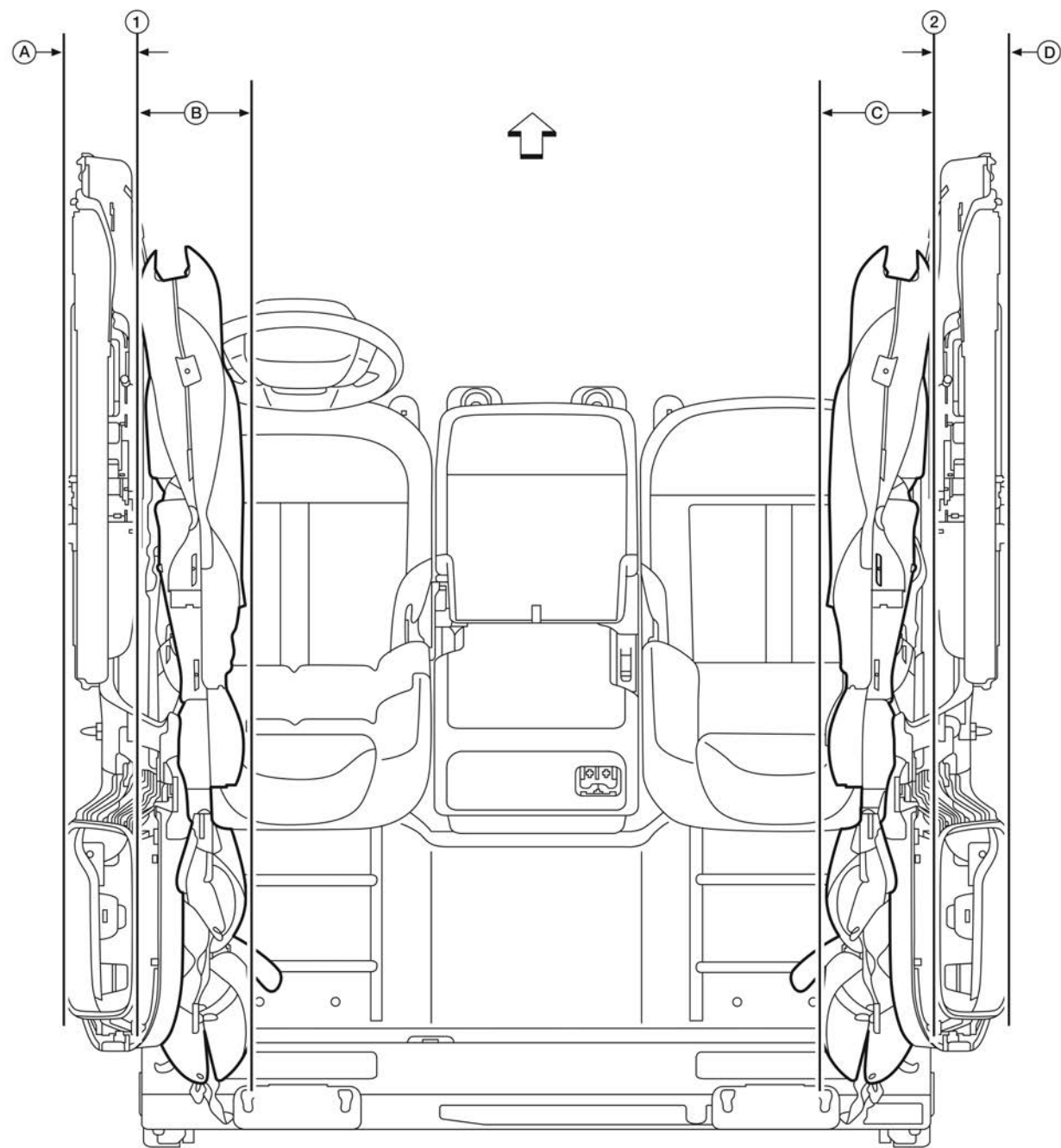
3. Maximum inflated side air bag

C. 737 mm (29.01 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2017-2019 Model Years)

[SAFETY INFORMATION]

Side Curtain Air Bag Inflation Zones — Overhead View



AAZIA0901ZZ

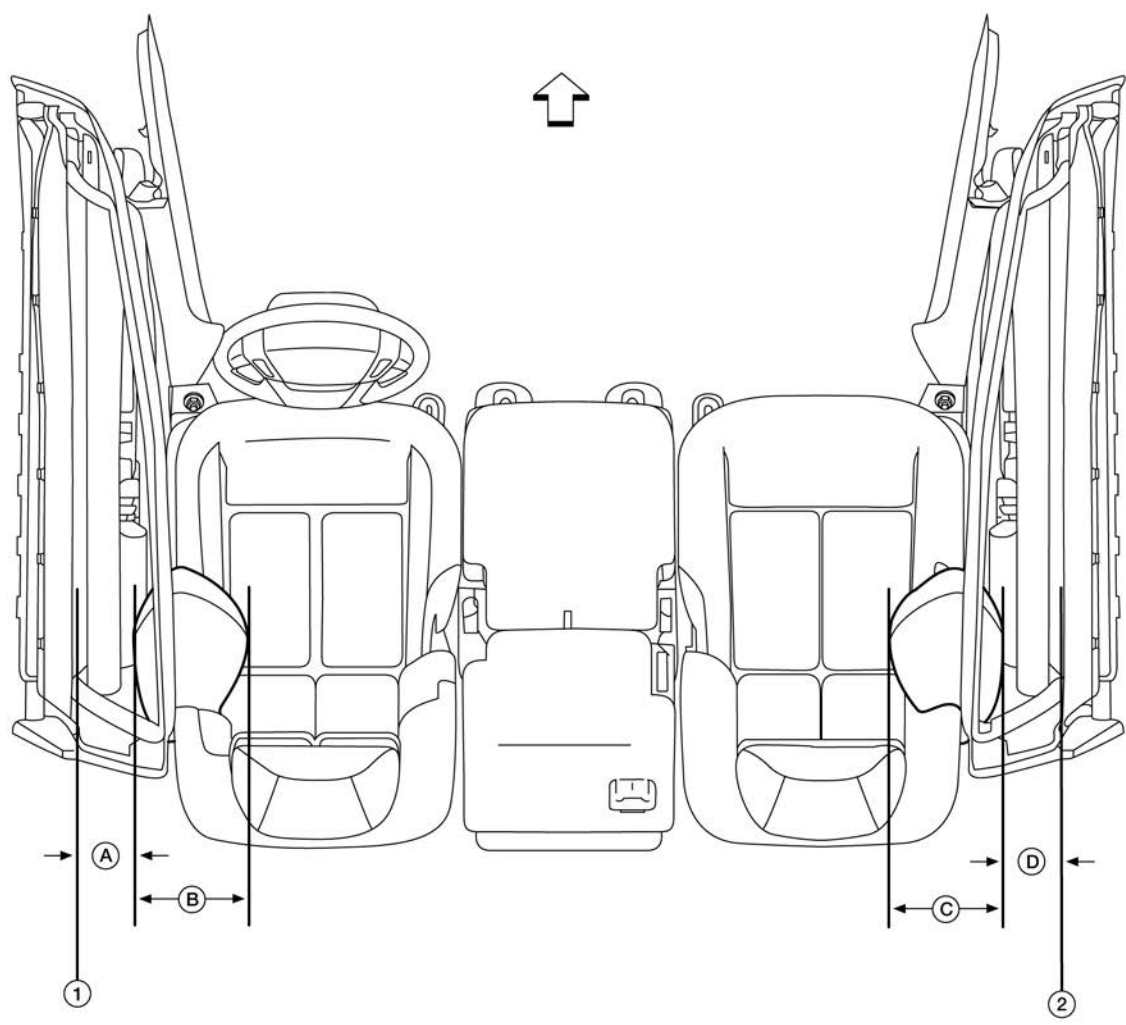
↖: Front of vehicle.

1. Reference point: door glass trim edge
B. 211.72 mm (8.34 in)

2. Reference point: door glass trim edge
C. 211.72 mm (8.34 in)

A. 116.81 mm (4.60 in)
D. 116.81 mm (4.60 in)

Side Air Bag Inflation Zones — Overhead View



AAZIA0552ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge
- B. 206 mm (8.11 in)

2. Reference point: door glass trim edge
- C. 206 mm (8.11 in)

- A. 107 mm (4.21 in)
- D. 107 mm (4.21 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

FRONT AIR BAG MODULE LOCATIONS



WARNING:

Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

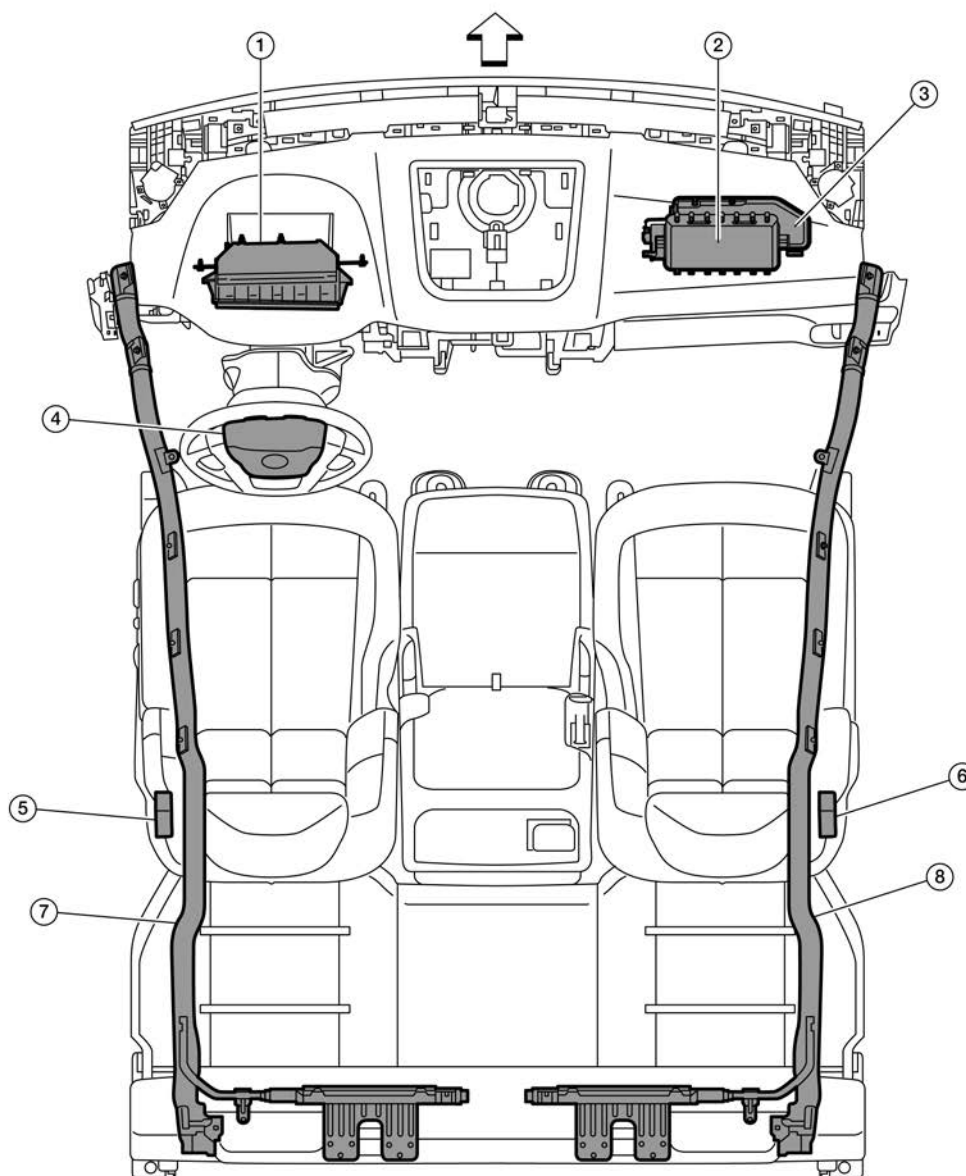
NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Overhead View



TGAZIA0119ZZ

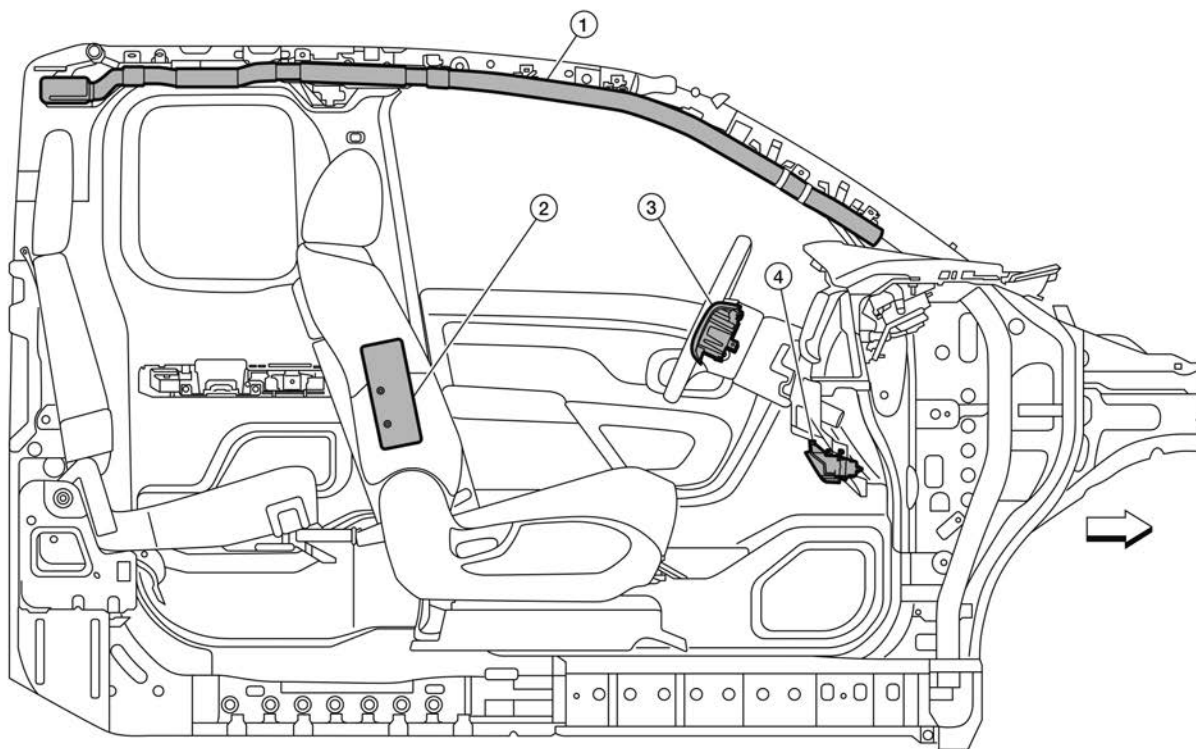
↖: Front of vehicle.

- | | | |
|--|---|-----------------------------------|
| 1. Driver knee air bag module | 2. Passenger air bag module | 3. Passenger knee air bag module |
| 4. Driver air bag module | 5. Side air bag module, driver | 6. Side air bag module, passenger |
| 7. Side curtain air bag module, driver | 8. Side curtain air bag module, passenger | |

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Driver Side



TGAAZIA0121ZZ

↔: Front of vehicle.

1. Side curtain air bag module

2. Side air bag module

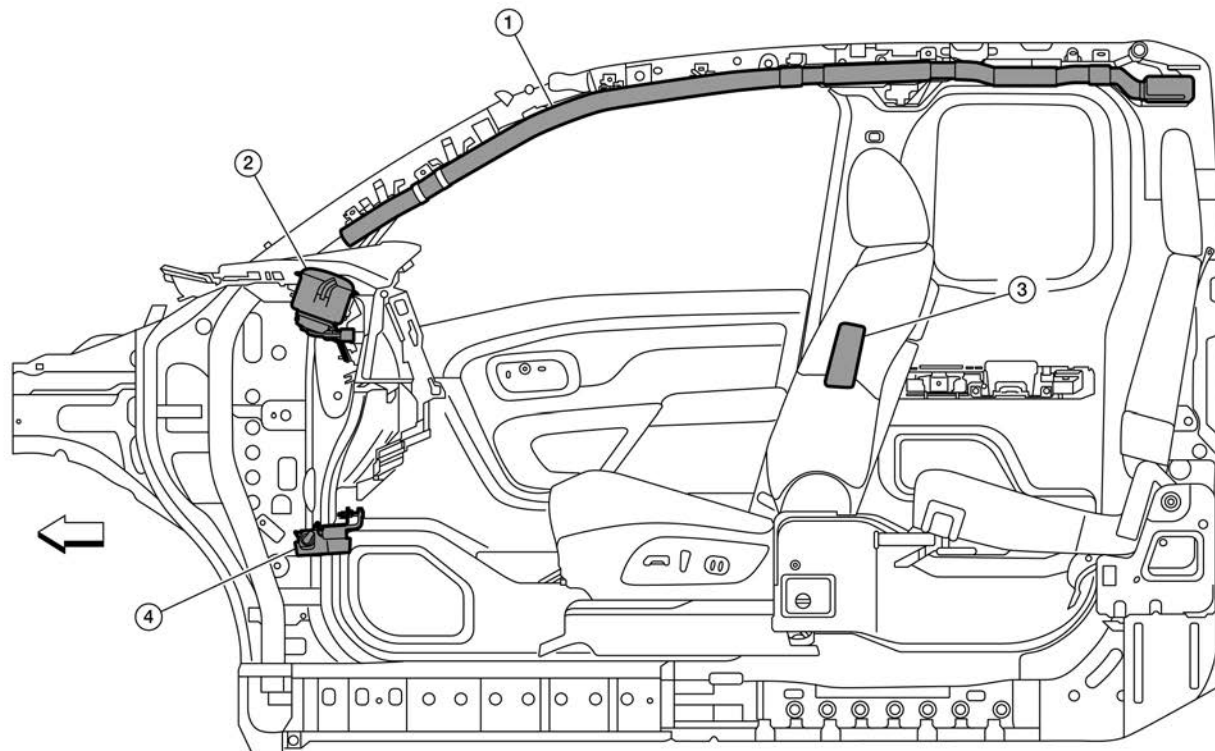
3. Driver air bag module

4. Driver knee air bag module

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Passenger Side



TGAAZIA0116ZZ

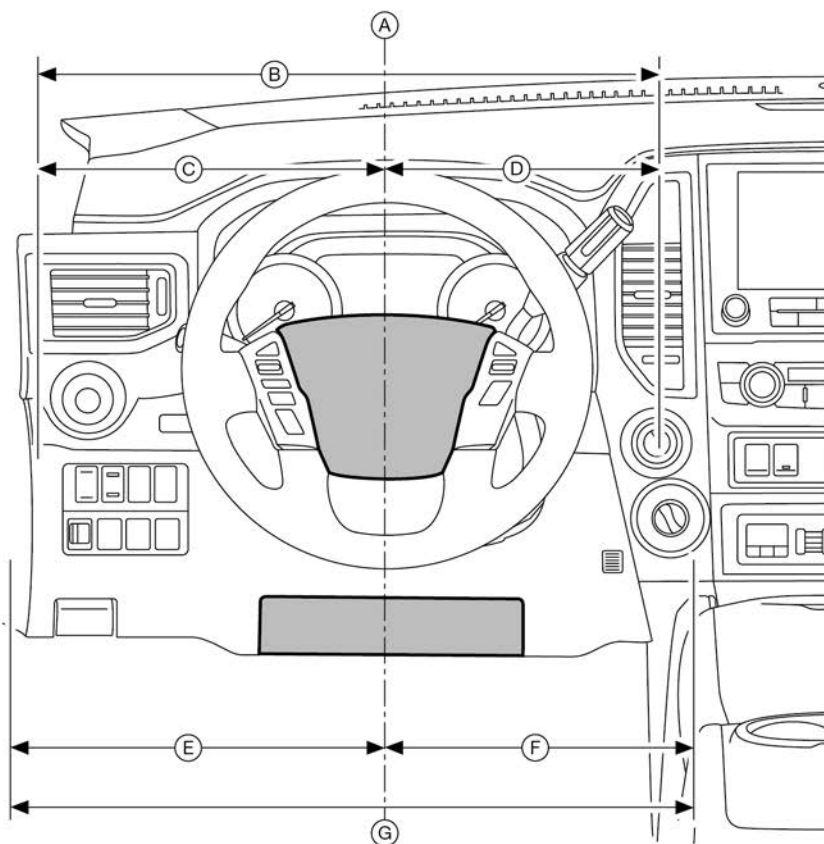
↖: Front of vehicle.

- | | | |
|----------------------------------|-----------------------------|------------------------|
| 1. Side curtain air bag module | 2. Passenger air bag module | 3. Side air bag module |
| 4. Passenger knee air bag module | | |

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Driver Air Bag Deployment Width



TGAZIA0113ZZ

A. Center of the driver air bag module housing

B. Maximum lateral projection of the deployed driver air bag 603.61 mm (23.76 in)

C. 305.22 mm (12.02 in)

D. 298.40 mm (11.75 in)

E. 352.51 mm (13.88 in)

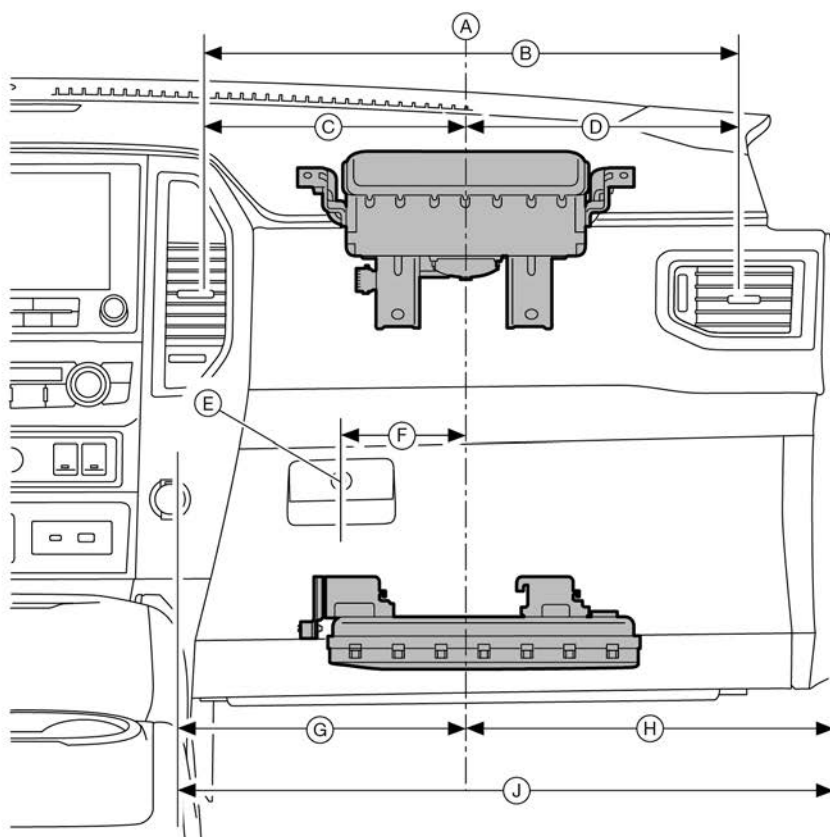
F. 303.14 mm (11.93 in)

G. Maximum lateral projection of the deployed driver knee air bag 655.65 mm (25.81 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Passenger Air Bag Deployment Width



TGAAZIA0114ZZ

A. Center of passenger air bag module housing	B. Maximum lateral projection of the deployed passenger air bag 524.00 mm (20.63 in)	C. 255.11 mm (10.04 in)
D. 268.89 mm (10.59 in)	E. Reference point: glove box key hole	F. 130.86 mm (5.15 in)
G. 157.75 mm (6.21 in)	H. 505.45 mm (19.90 in)	J. Maximum lateral projection of the deployed passenger knee air bag 667.00 mm (26.26 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

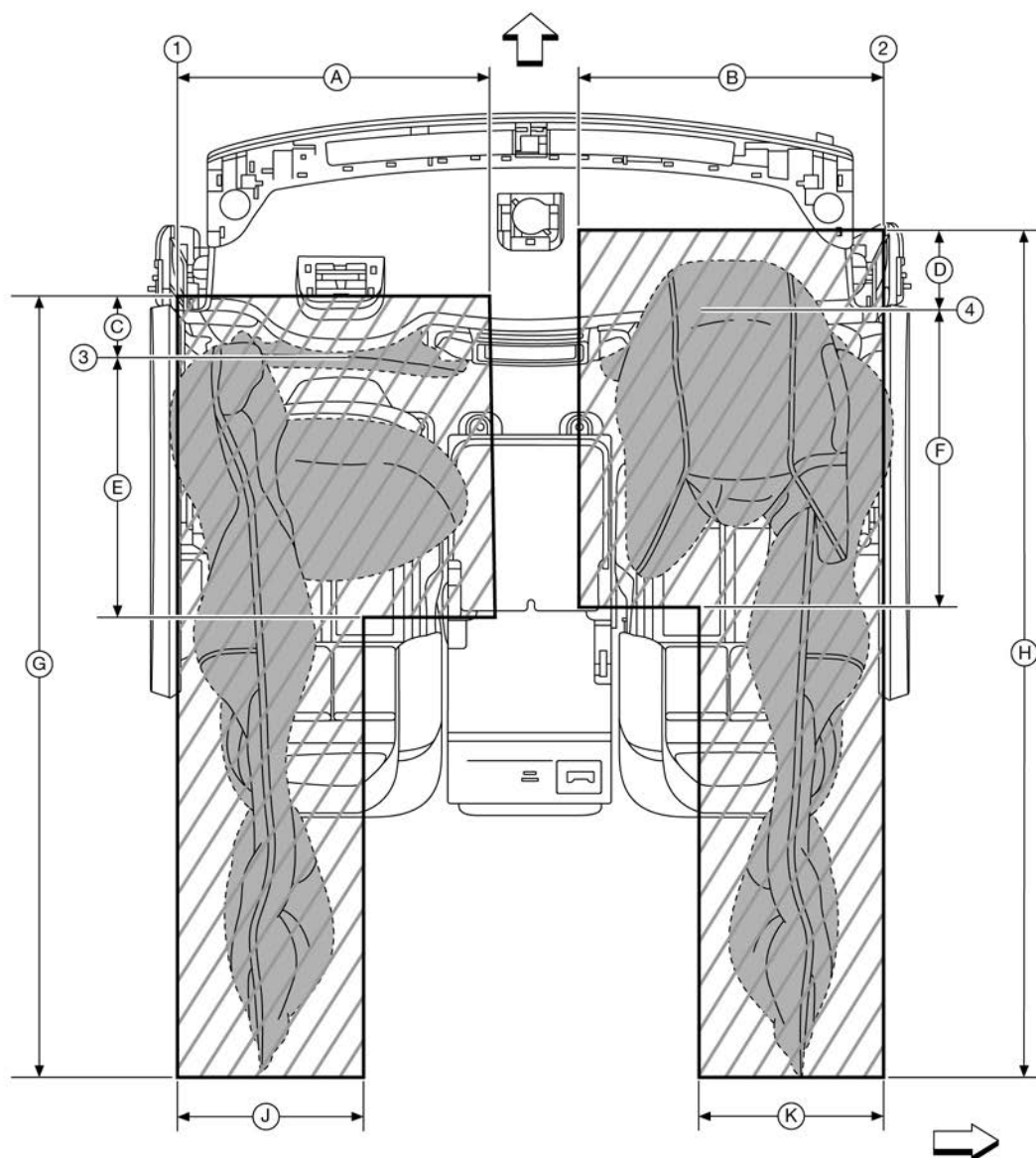
[SAFETY INFORMATION]

AIR BAG DEPLOYMENT KEEP-OUT ZONES

Front Air Bag Keep-Out Zones — Overhead View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



TGAZIA0112ZZ

: Front of vehicle.

1. Reference point: door glass trim edge

2. Reference point: door glass trim edge

3. Reference point: instrument panel edge (combination meter shroud)

4. Reference point: SRS label

C. 5700 mm (2.24 in)

A. 793.30 mm (31.23 in)

B. 735.44 mm (28.95 in)

D. 142.31 mm (5.60 in)

E. 688.07 mm (27.09 in)

F. 852.89 mm (33.58 in)

G. 1,684.67 mm (66.33 in)

H. 1,900.27 mm (74.81 in)

J. 471.67 mm (18.57 in)

K. 471.67 mm (18.57 in)

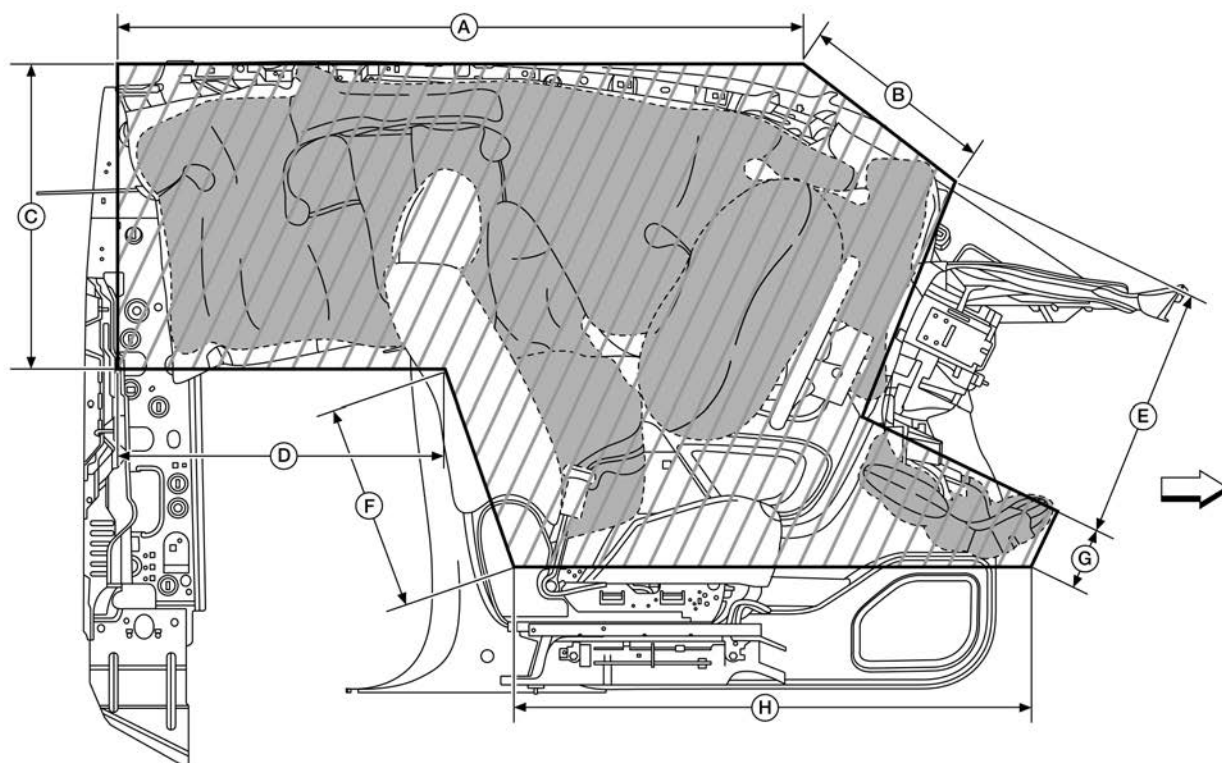
FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Driver Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



TGAAZIA0093ZZ

: Front of vehicle.

A. 1,143.70 mm (45.03 in)

B. 598.58 mm (23.57 in)

C. 630.00 mm (24.80 in)

D. 595.66 mm (24.45 in)

E. 505.89 mm (19.92 in)

F. 461.59 mm (18.17 in)

G. 146.54 mm (5.77 in)

H. 1,078.48 mm (42.46 in)

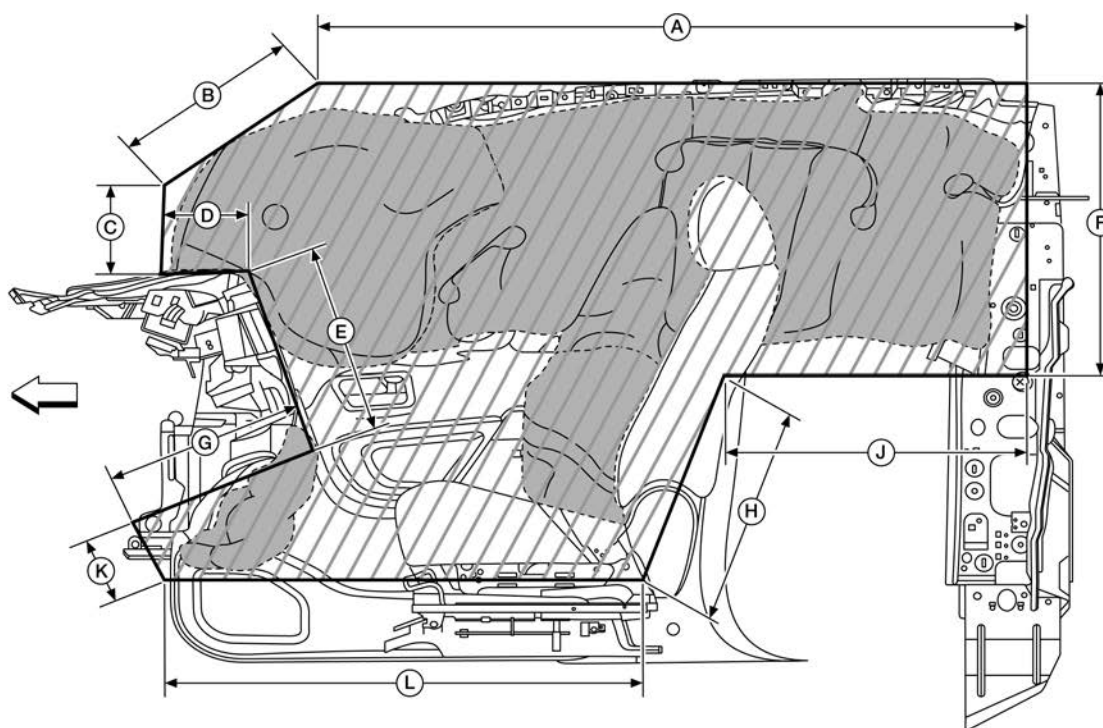
FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Passenger Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



TGAAZIA0110ZZ

: Front of vehicle.

A. 1,568.86 mm (61.77 in)

B. 354.78 mm (13.97 in)

C. 228.05 mm (8.98 in)

D. 237.06 mm (9.33 in)

E. 328.11 mm (12.92 in)

F. 630.00 mm (24.80 in)

G. 370.22 mm (14.58 in)

H. 461.59 mm (18.17 in)

J. 595.66 mm (23.45 in)

K. 178.68 mm (7.03 in)

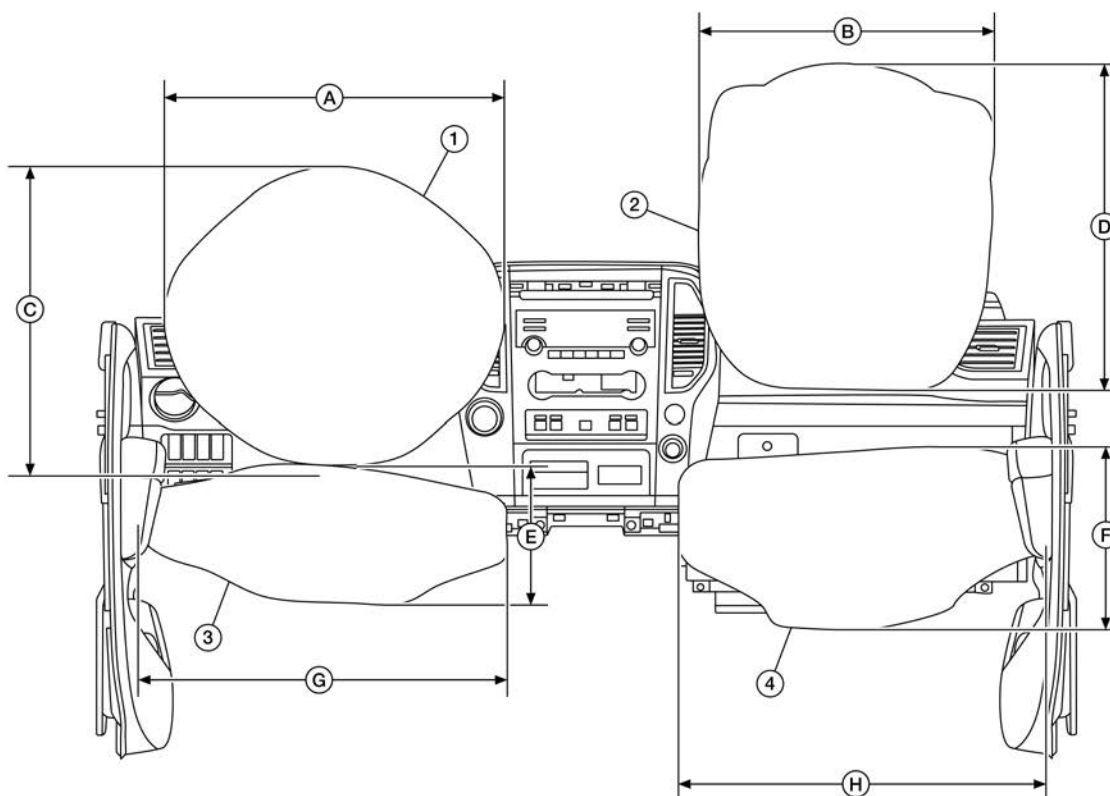
L. 989.61 mm (38.96 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

INFLATED AIR BAG ZONE DIMENSIONS

Driver and Passenger Air Bag Inflation Zones — Forward View



TGAZIA0089ZZ

1. Maximum inflated driver air bag

4. Maximum inflated front passenger knee air bag

C. 533.19 mm (20.99 in)

F. 327.39 mm (12.89 in)

2. Maximum inflated front passenger air bag

A. 603.61 mm (23.76 in)

D. 578.85 mm (22.79 in)

G. 655.65 mm (25.81 in)

3. Maximum inflated front driver knee air bag

B. 527.43 mm (20.76 in)

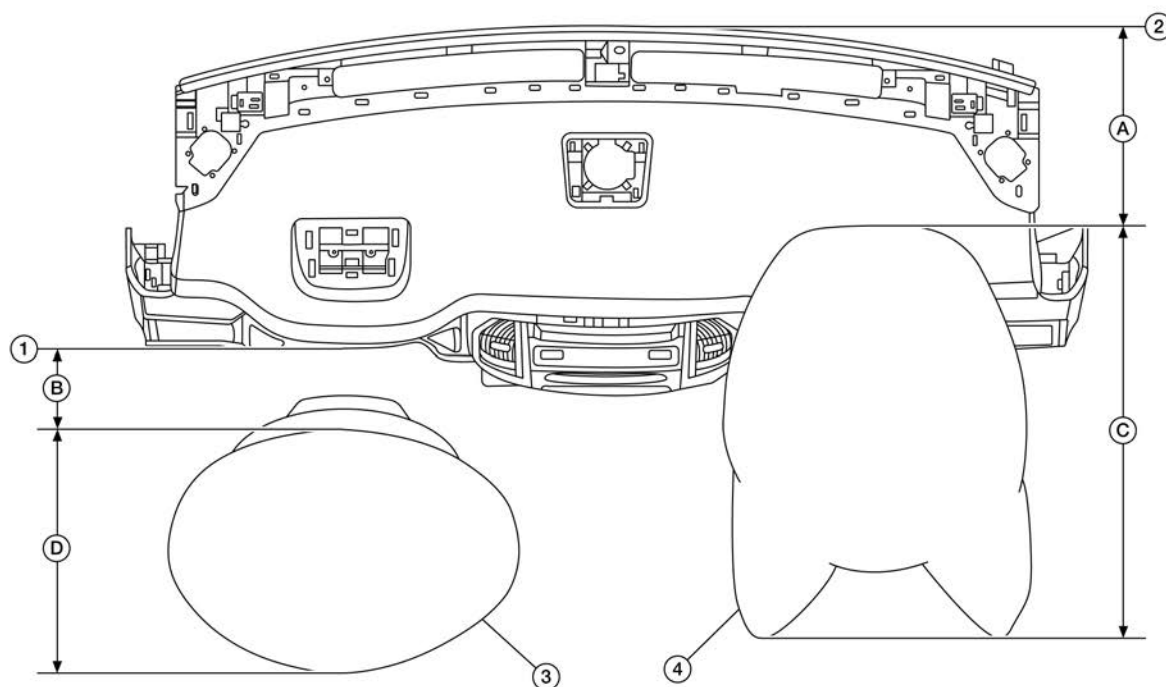
E. 253.47 mm (9.98 in)

H. 667.00 mm (26.26 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Overhead View



TGAAZIA0090ZZ

1. Reference point: front edge of instrument panel at center line of driver air bag module

2. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag

3. Maximum inflated driver air bag

4. Maximum inflated front passenger air bag

A. 313.02 mm (12.32 in)

B. 157.15 mm (6.19 in)

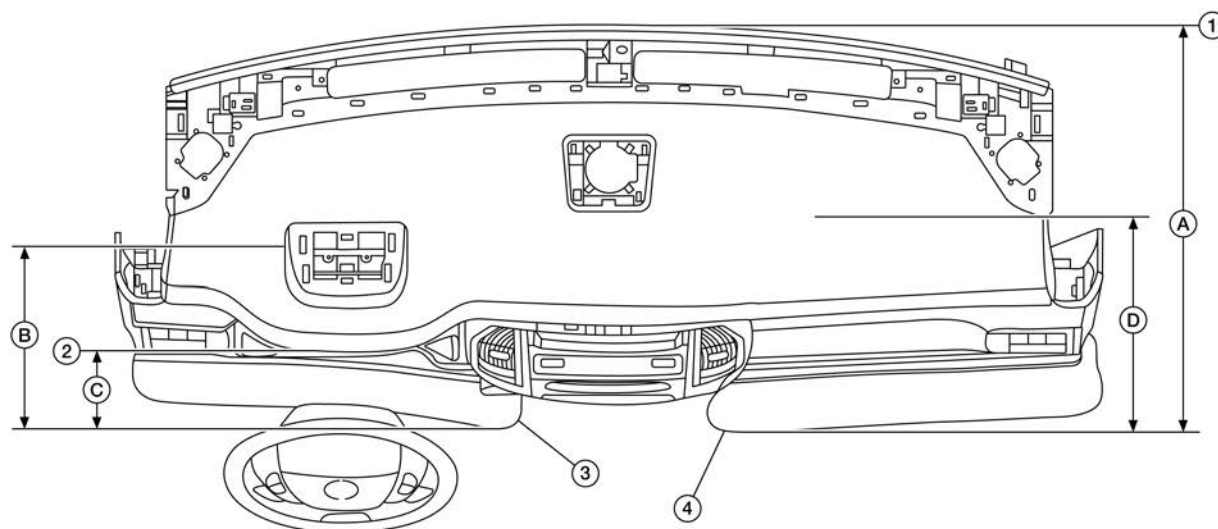
C. 708.11 mm (27.88 in)

D. 416.92 mm (16.41 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Knee Air Bag Inflation Zones — Overhead View



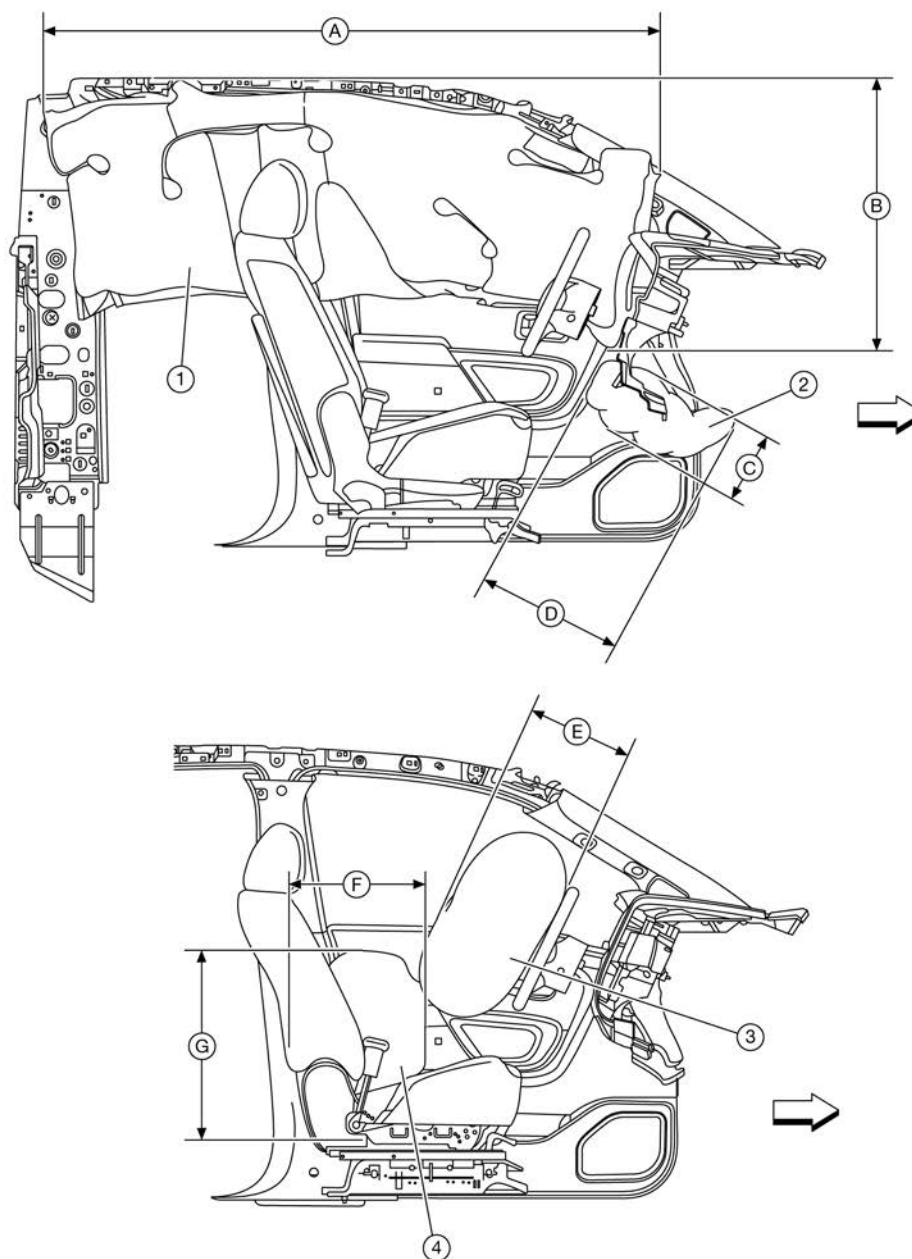
TGAAZIA0091ZZ

- | | | |
|---|--|---|
| 1. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag | 2. Reference point: front edge of instrument panel at center line of driver air bag module | 3. Maximum inflated driver knee air bag |
| 4. Maximum inflated passenger knee air bag | A. 651.47 mm (25.65 in) | B. 409.23 mm (16.11 in) |
| C. 135.02 mm (5.32 in) | D. 387.10 mm (15.24 in) | |

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Driver Side View



TGAAZIA0111ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

4. Maximum inflated side air bag

C. 179.70 mm (7.07 in)

F. 327.85 mm (12.91 in)

2. Maximum inflated driver knee air bag

A. 1,701.99 mm (67.01 in)

D. 394.04 mm (15.51 in)

G. 482.40 mm (18.99 in)

3. Maximum inflated driver air bag

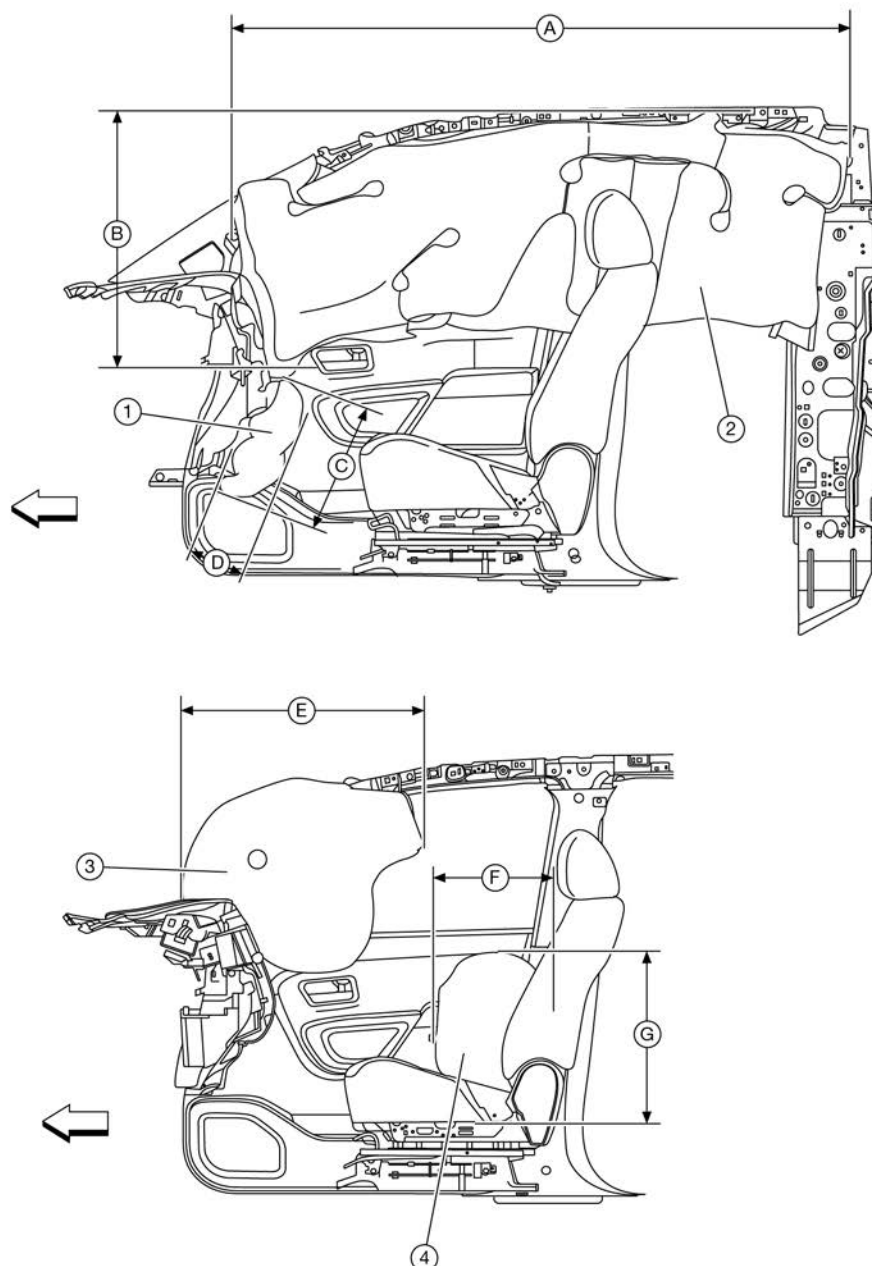
B. 748.70 mm (29.48 in)

E. 293.25 mm (11.55 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Passenger Side View



TGAZIA0109ZZ

↔: Front of vehicle.

1. Maximum inflated passenger knee air bag

3. Maximum inflated side air bag

C. 357.65 mm (14.08 in)

F. 327.85 mm (12.91 in)

2. Maximum inflated side curtain air bag

A. 1,701.99 mm (67.01 in)

D. 178.27 mm (7.02 in)

G. 482.40 mm (18.99 in)

3. Maximum inflated passenger air bag

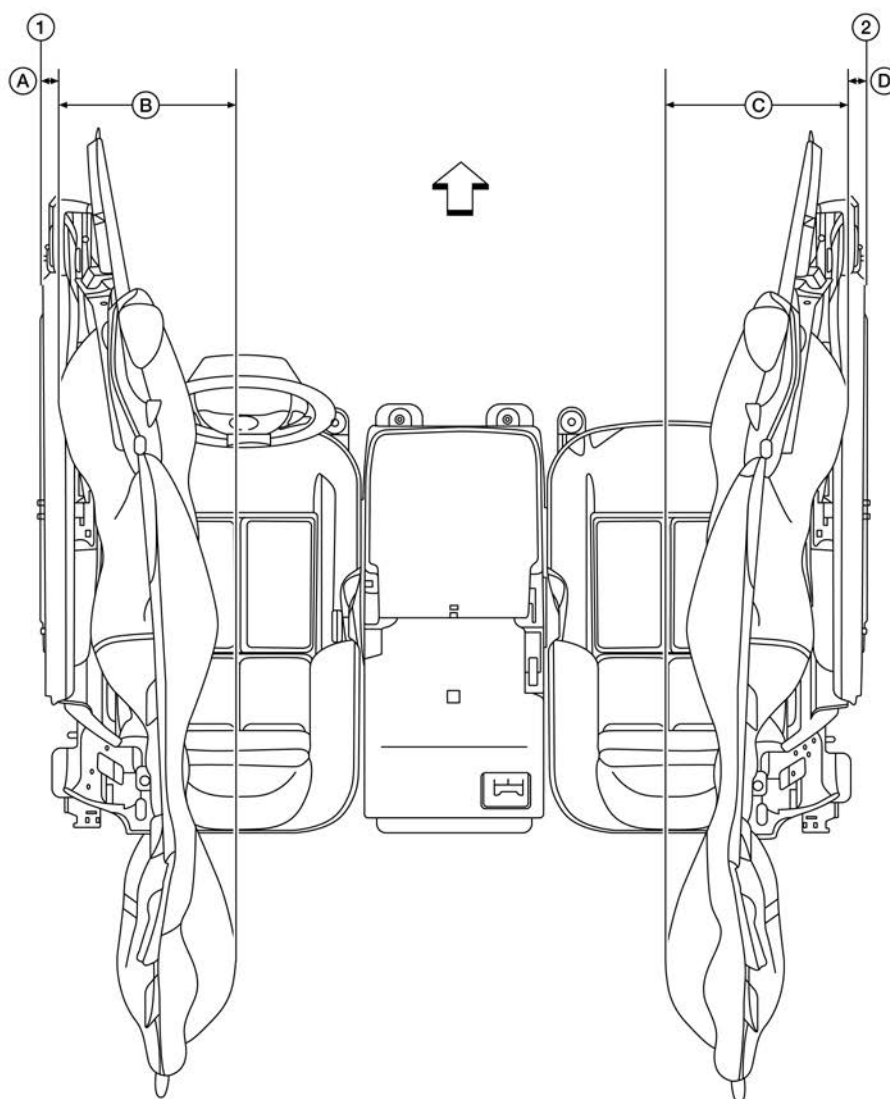
B. 748.70 mm (29.48 in)

E. 722.95 mm (28.46 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Side Curtain Air Bag Inflation Zones — Overhead View



TGAZIA0108ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 374.56 mm (14.75 in)

2. Reference point: door glass trim edge

C. 374.56 mm (14.75 in)

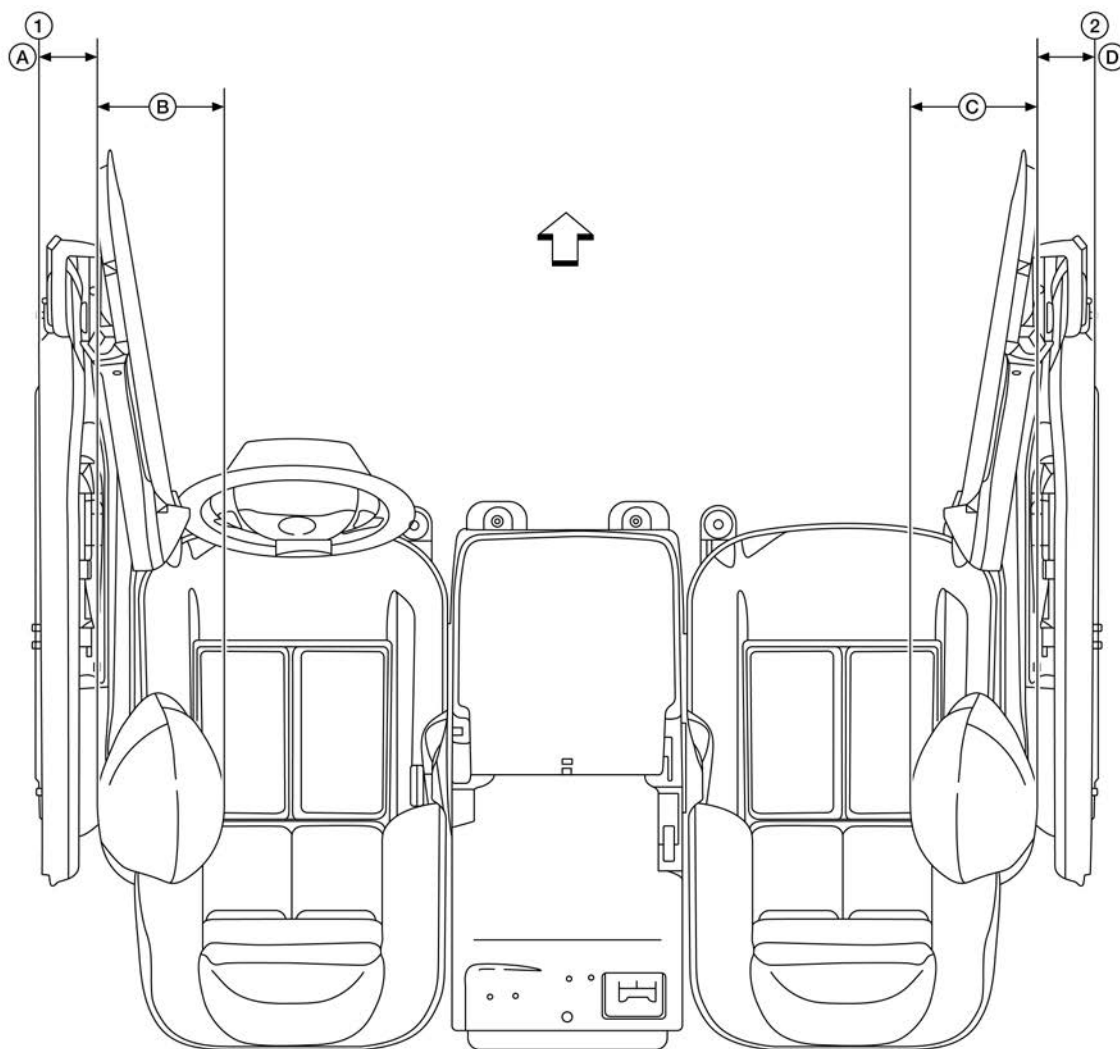
A. 39.99 mm (1.57 in)

D. 39.99 mm (1.57 in)

FRONT AIR BAG DEPLOYMENT ZONES — KING CAB® (2020–2024 Model Years)

[SAFETY INFORMATION]

Side Air Bag Inflation Zones — Overhead View



TGAAZIA0107ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 210.39 mm (8.28 in)

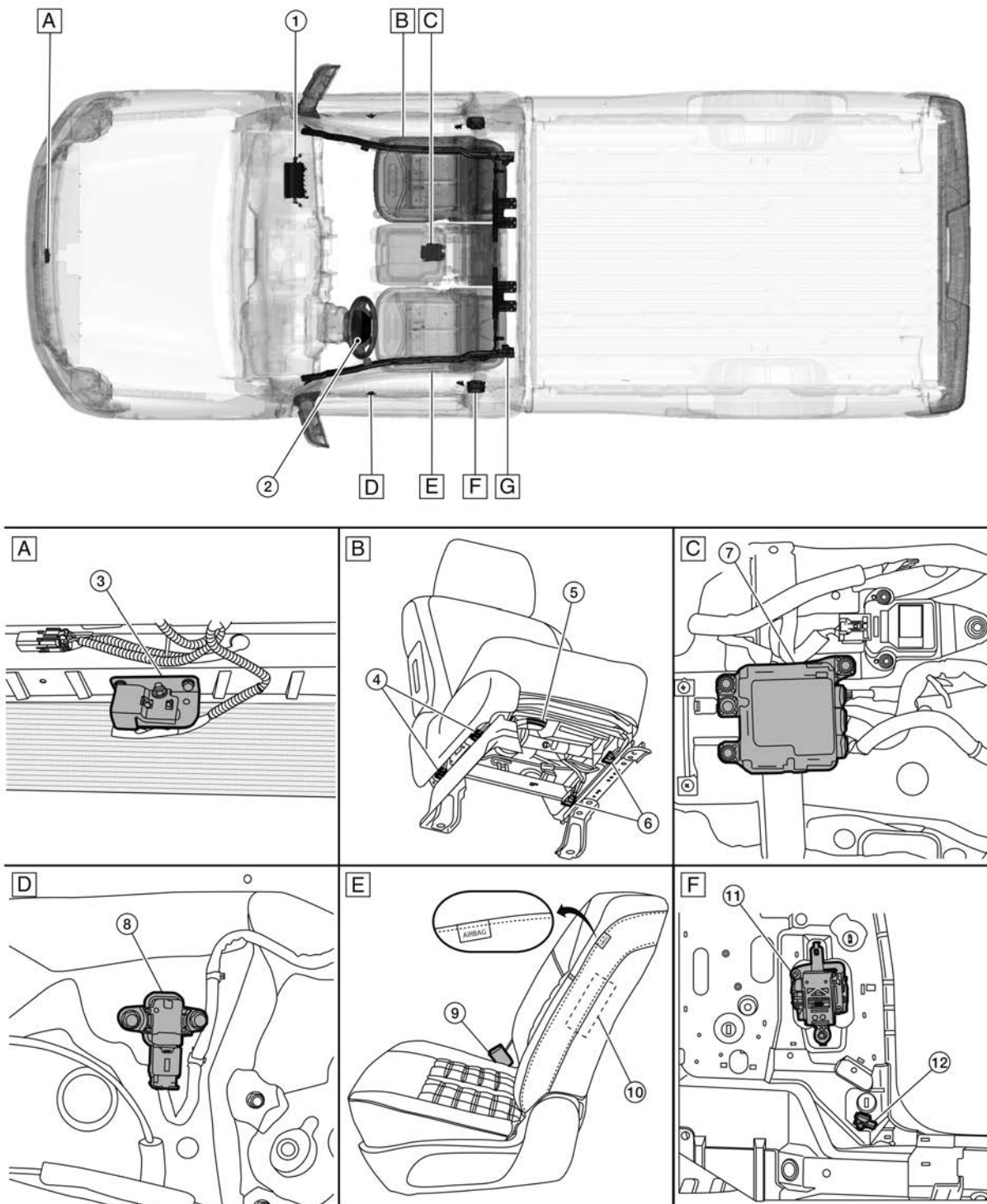
2. Reference point: door glass trim edge

C. 210.39 mm (8.28 in)

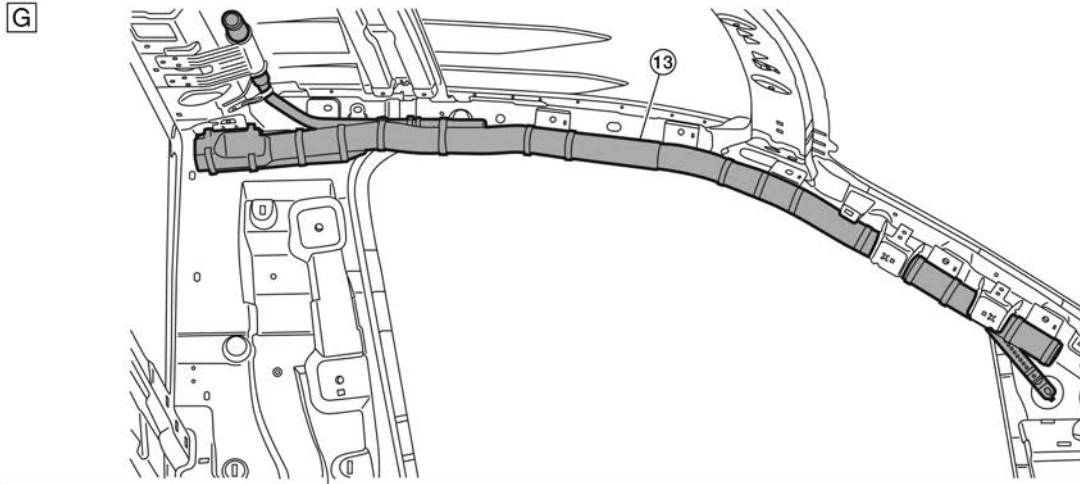
A. 93.23 mm (3.67 in)

D. 93.23 mm (3.67 in)

SRS COMPONENT LOCATIONS — SINGLE CAB (2017-2019 Model Years)



TGAZIA0022ZZ



AAZIA0830ZZ

- | | |
|---|--|
| 1. Front passenger air bag module | 2. Driver air bag module |
| 3. Crash zone sensor (front view from underneath radiator core support) | 4. Outboard occupant classification system sensors |
| 5. Occupant classification system control unit | 6. Inboard occupant classification system sensors |
| 7. Air bag diagnosis sensor unit | 8. LH door satellite sensor (RH similar) |
| 9. Seat belt buckle switch LH | 10. Front LH side air bag module (RH similar) |
| 11. Front LH seat belt pre-tensioner (RH similar) | 12. LH side air bag satellite sensor (RH similar) |
| 13. LH side curtain air bag module (RH similar) (view with headliner and A-pillar trim removed) | |

OCCUPANT CLASSIFICATION SYSTEM

**WARNING:**

After removal and installation of the front passenger seat, a zero point reset function must be performed. It is recommended that this be performed by a NISSAN dealer using a special tool. If zero point reset is not performed, the occupant classification system may not operate normally which may increase the risk of serious injury or death in a collision.

**WARNING:**

Do not disturb or modify the front passenger seat wiring. Failure to follow this instruction may cause incorrect operation of the occupant classification system and front passenger air bag or system failure and may increase the risk of serious injury or death in a collision.

The front passenger seat is equipped with seat weight sensors as part of the supplemental restraints occupant classification system. The occupant classification sensors (weight sensors) are on the seat cushion frame under the front passenger seat and are designed to detect an occupant and objects on the seat. The front passenger air bag status lamp is illuminated when the system is disabled. For occupant classification system and front passenger air bag operation, refer to the Owner's Manual. For repair of the front passenger seat, occupant classification system, air bags or if an air bag warning lamp is illuminated, it is recommended that you visit a NISSAN dealer.

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

FRONT AIR BAG MODULE LOCATIONS



WARNING:

Modifications must not interfere with air bag modules or deployment zones. Damage to air bag modules may cause serious personal injury or death. Objects placed within air bag deployment zones may cause serious personal injury or death.

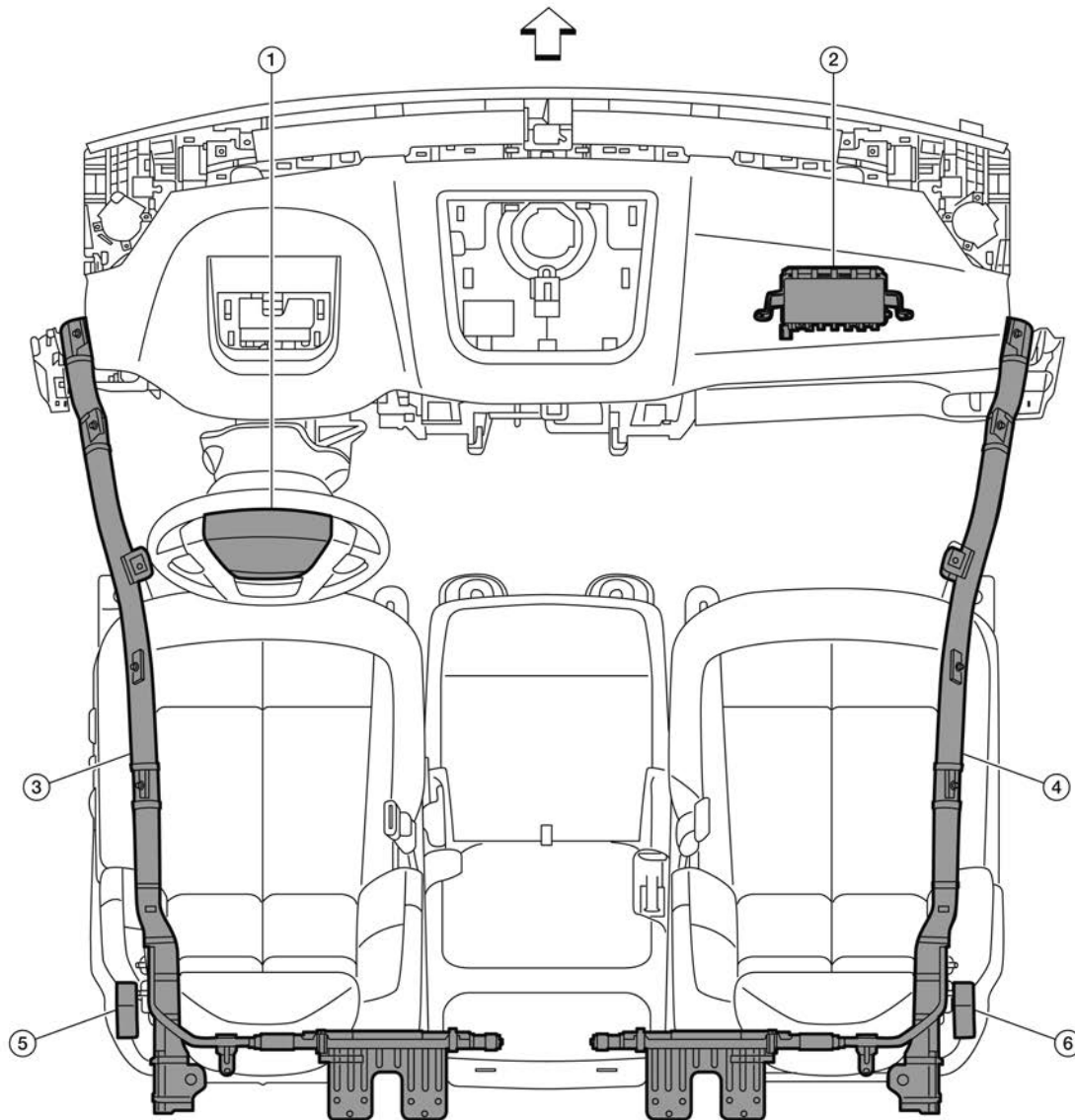
NOTE:

Do not add accessory items that, when installed, will interfere with the installed position of the air bag or the zones of the deploying air bags.

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Overhead View



AAZIA0834ZZ

↖: Front of vehicle.

1. Driver air bag module

2. Passenger air bag module

3. Side curtain air bag module,
driver

4. Side curtain air bag module,
passenger

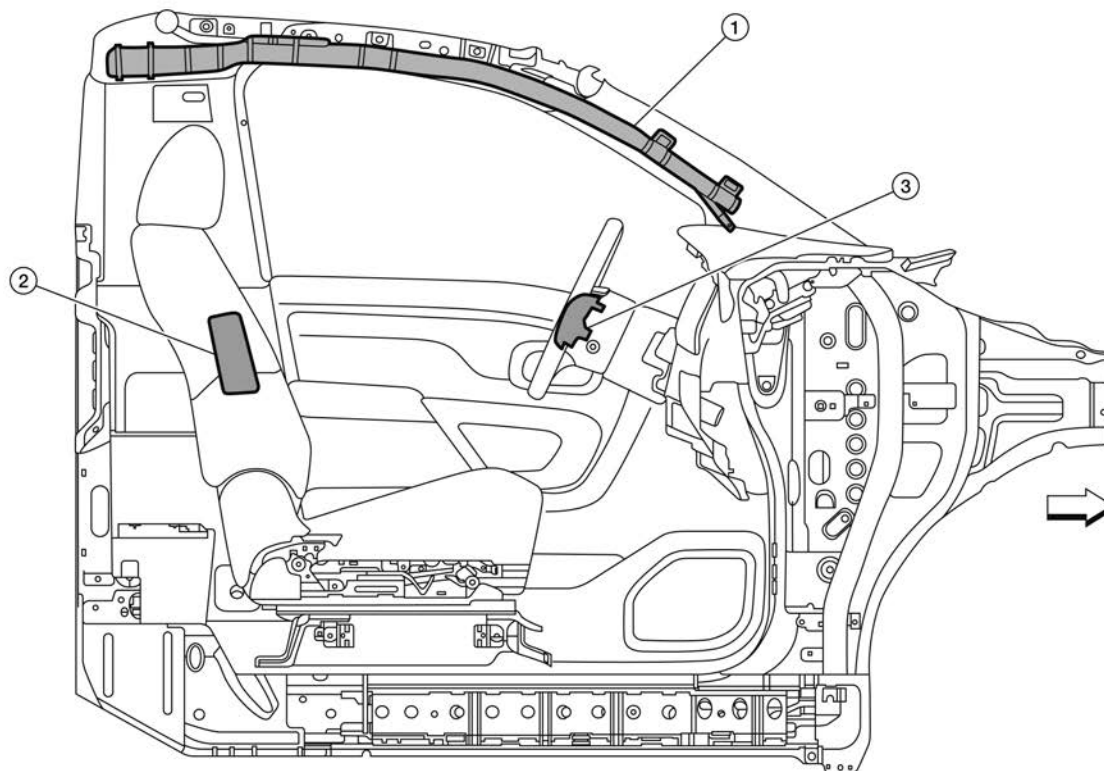
5. Side air bag module, driver

6. Side air bag module,
passenger

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Driver Side



AAZIA0854ZZ

↔: Front of vehicle.

1. Side curtain air bag module

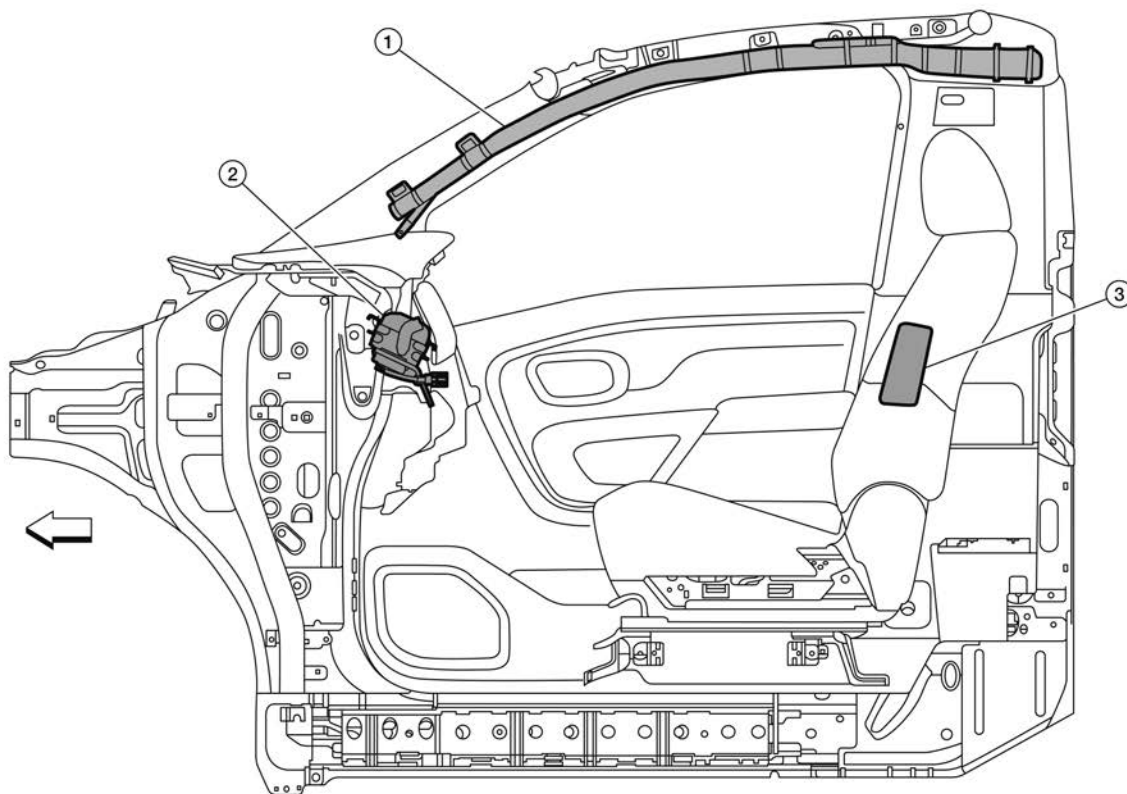
2. Side air bag module

3. Driver air bag module

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Modules — Passenger Side



AAZIA0855ZZ

↖: Front of vehicle.

1. Side curtain air bag module

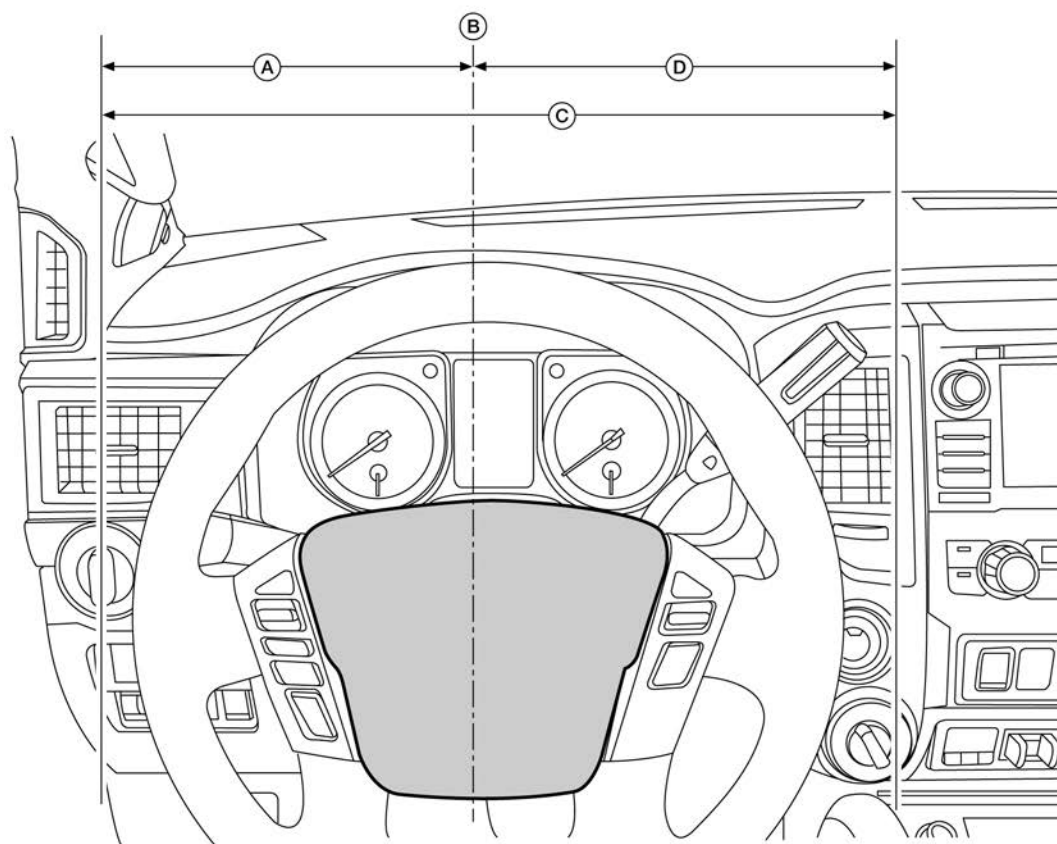
2. Passenger air bag module

3. Side air bag module

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Driver Air Bag Deployment Width



AAZIA0557ZZ

A. 245.5 mm (9.67 in)

B. Center of the driver air bag module housing

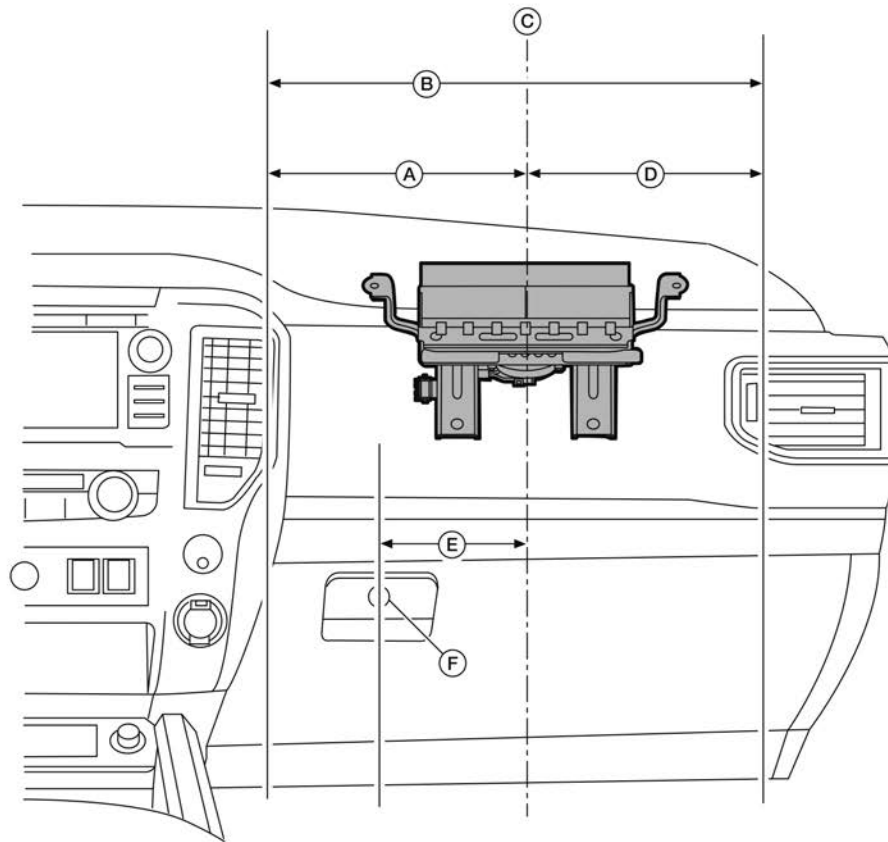
C. Maximum lateral projection of the deployed driver air bag
491 mm (19.33 in)

D. 245.5 mm (9.67 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Passenger Air Bag Deployment Width



TGAAZIA0050ZZ

A. 233.5 mm (9.19 in)

B. Maximum lateral projection
of the deployed passenger air
bag 467 mm (18.39 in)

C. Center of passenger air bag
module housing

D. 233.5 mm (9.19 in)

E. 130.84 mm (5.15 in)

F. Reference point: glove box
key hole

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

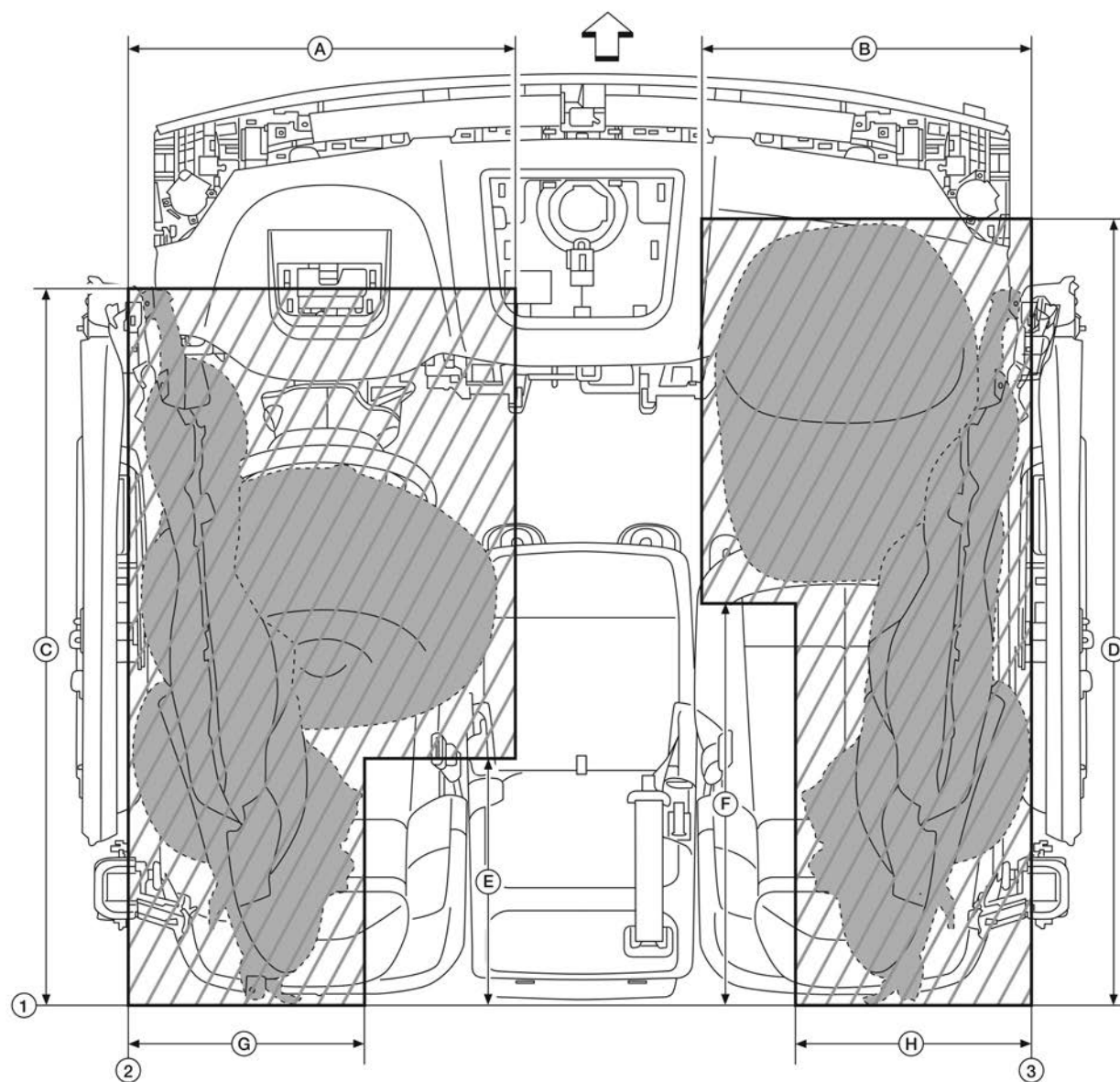
[SAFETY INFORMATION]

AIR BAG DEPLOYMENT KEEP-OUT ZONES

Front Air Bag Keep-Out Zones — Overhead View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0849ZZ

: Front of vehicle.

1. Reference point: rear interior trim edge

A. 695 mm (27.36 in)

D. 1,413 mm (55.63 in)

G. 414 mm (16.3 in)

2. Reference point: door glass trim edge

B. 570 mm (22.44 in)

E. 436 mm (17.17 in)

H. 414 mm (16.3 in)

3. Reference point: door glass trim edge

C. 1,268 mm (49.92 in)

F. 709 mm (27.91 in)

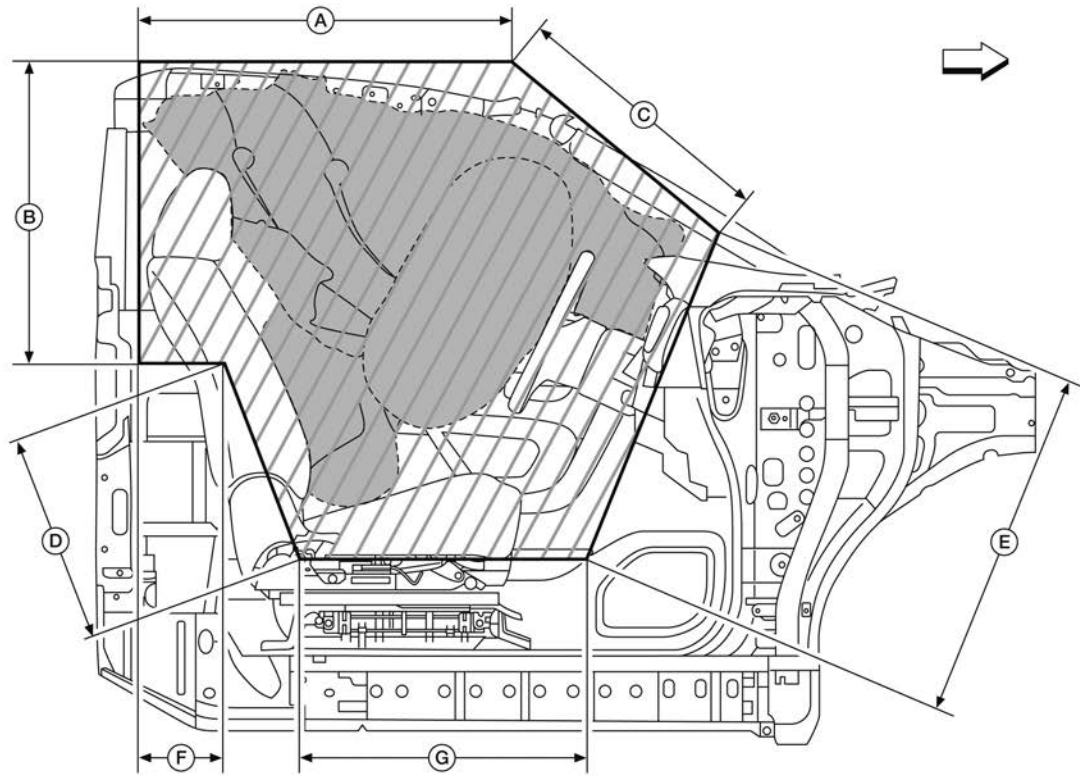
FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Driver Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0850ZZ

: Front of vehicle.

A. 830 mm (32.68 in)

B. 658 mm (25.91 in)

C. 593 mm (23.35 in)

D. 476 mm (18.74 in)

E. 762 mm (30 in)

F. 195 mm (7.68 in)

G. 637 mm (25.08 in)

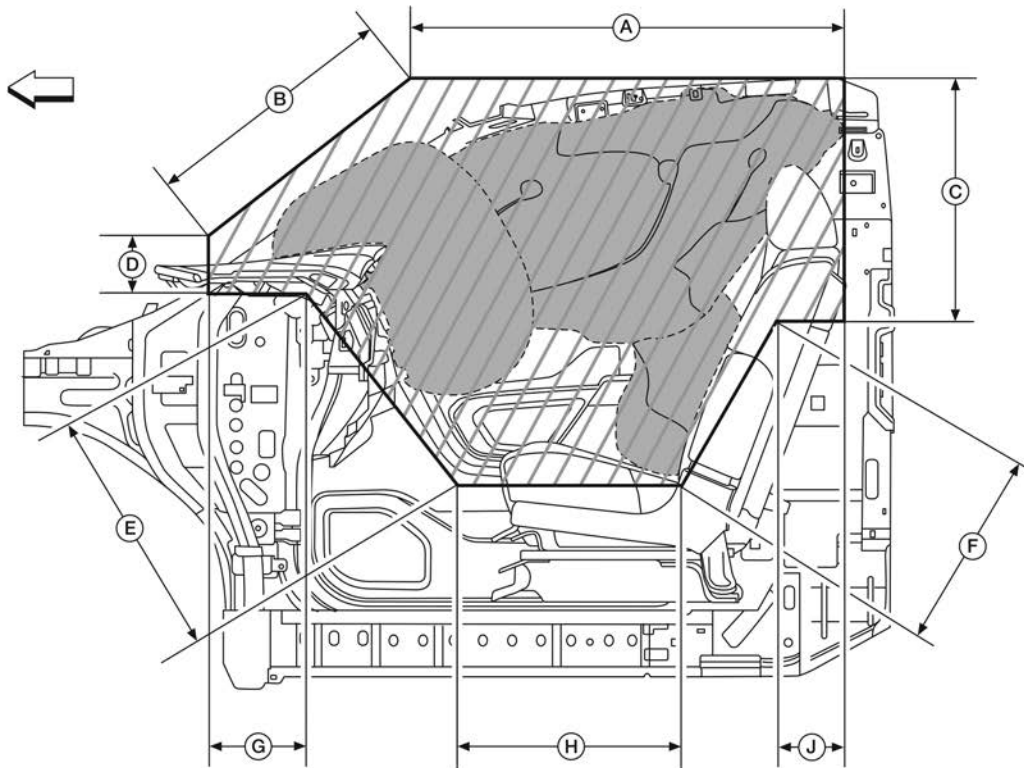
FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Keep-Out Zone — Passenger Side View

 = Air Bag Deployment Keep-out Zone (No modifications in this area)

 = Air Bag Inflation Zone



AAZIA0851ZZ

: Front of vehicle.

A. 1,077 mm (42.4 in)

D. 154 mm (6.06 in)

G. 220 mm (8.66 in)

B. 702 mm (27.64 in)

E. 752 mm (29.61 in)

H. 523 mm (20.59 in)

C. 654 mm (25.75 in)

F. 473 mm (18.62 in)

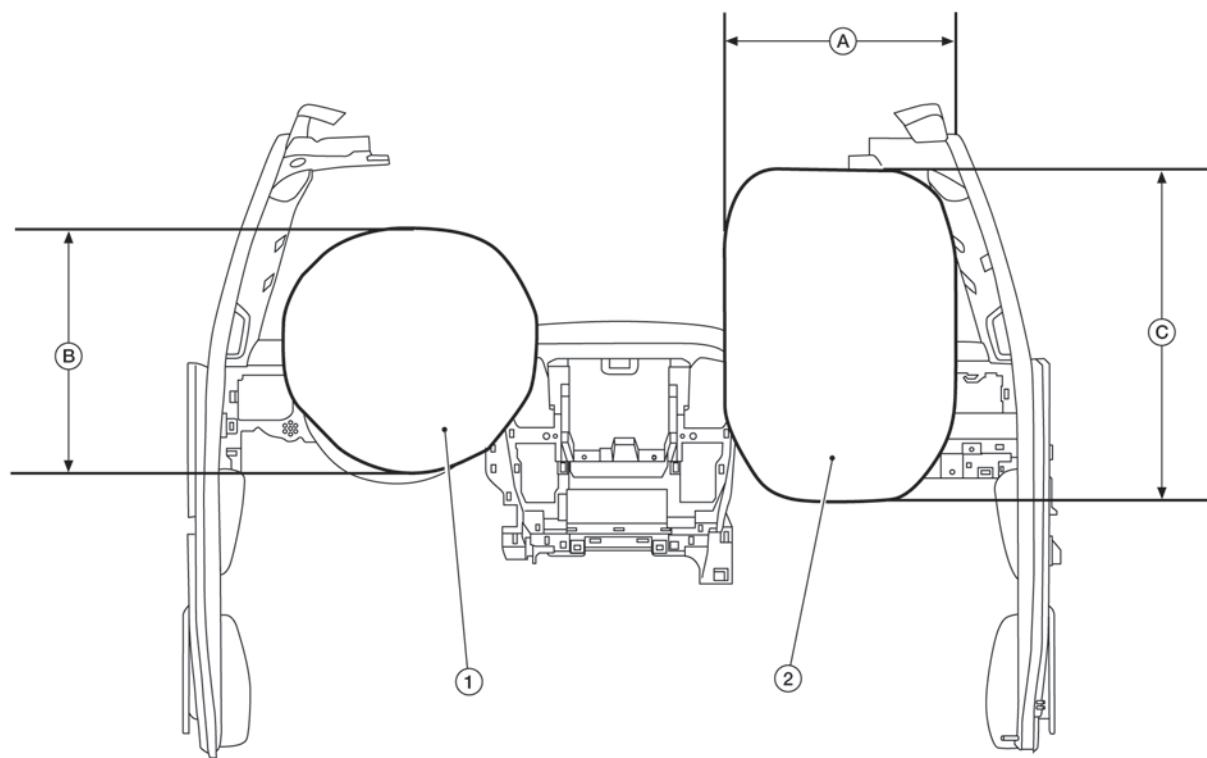
J. 172 mm (6.77 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

INFLATED AIR BAG ZONE DIMENSIONS

Driver and Passenger Air Bag Inflation Zones — Forward View



AAZIA0551ZZ

1. Maximum inflated driver air bag
B. 491 mm (19.33 in)

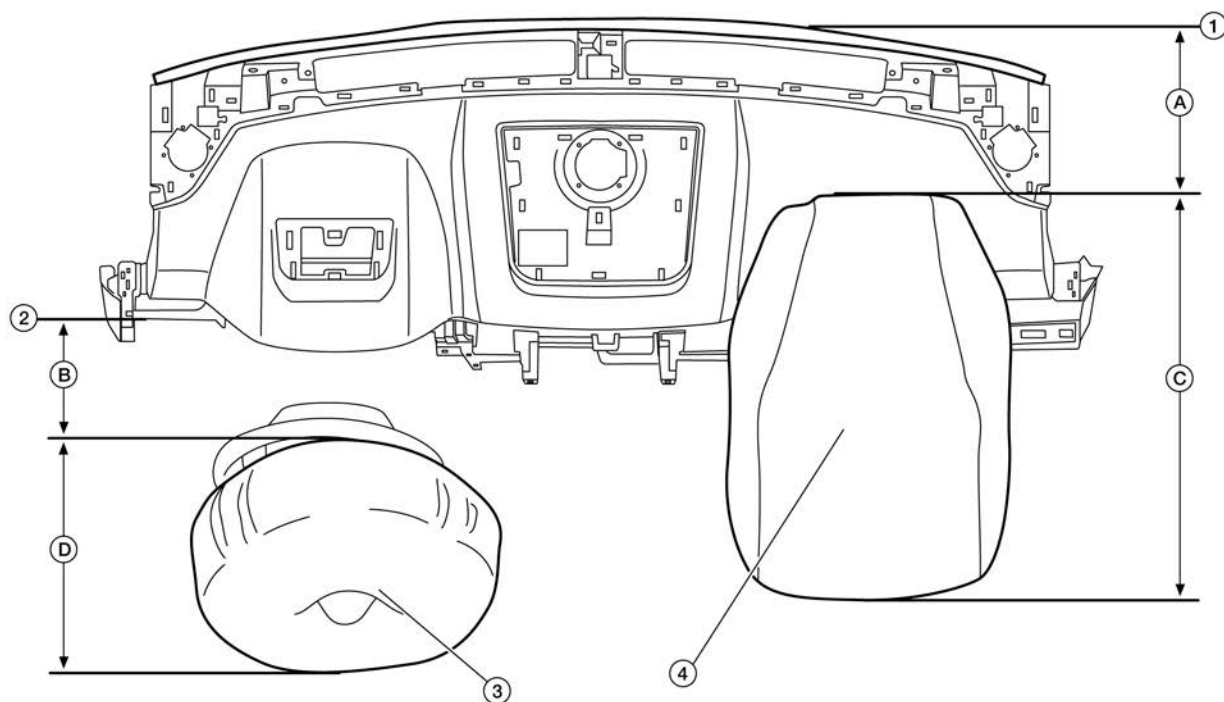
2. Maximum inflated front passenger air bag
C. 746 mm (29.37 in)

A. 440 mm (17.32 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Overhead View



AAZIA0553ZZ

1. Reference point: mating point of windshield and instrument panel at center line of front passenger air bag

2. Reference point: front edge of instrument panel at centerline of driver air bag module

3. Maximum inflated driver air bag

4. Maximum inflated front passenger air bag

A. 257 mm (10.12 in)

B. 198 mm (7.8 in)

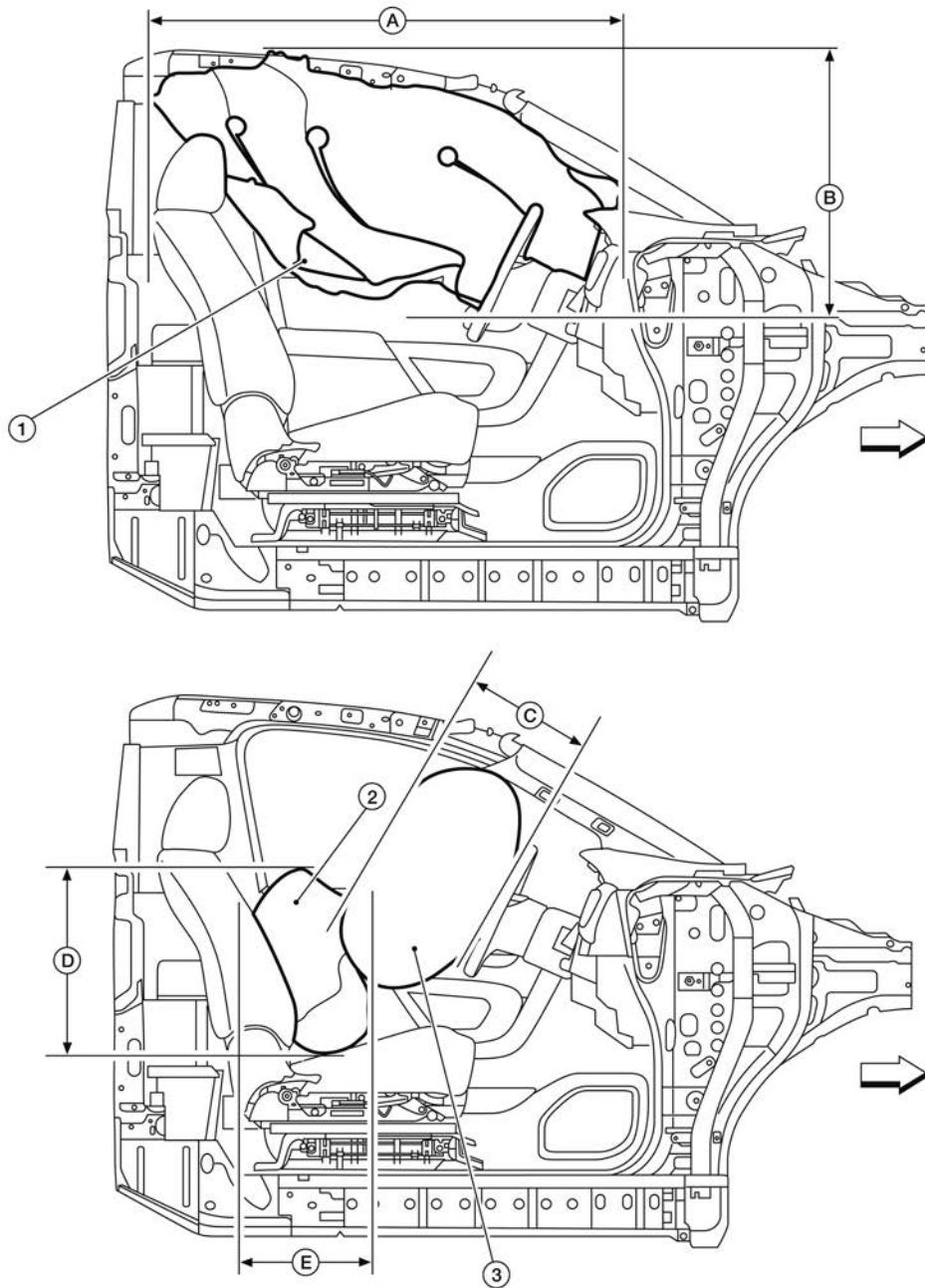
C. 737 mm (29.01 in)

D. 382 mm (15.04 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Driver Side View



AAZIA0852ZZ

↔: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 1,272 mm (50.08 in)

D. 509 mm (20.04 in)

2. Maximum inflated side air bag

B. 748 mm (29.45 in)

E. 321 mm (12.64 in)

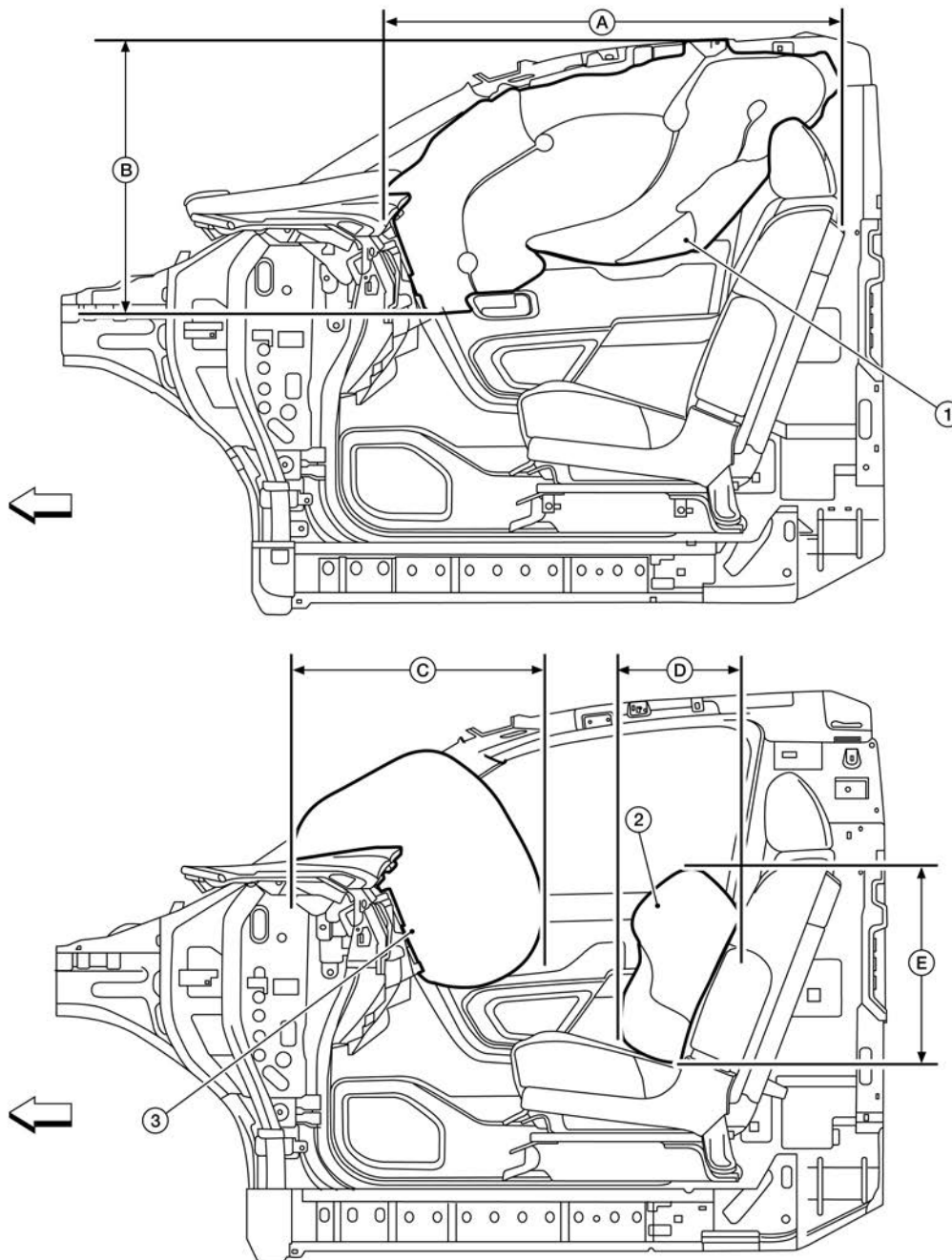
3. Maximum inflated driver air bag

C. 255 mm (10.04 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Front Air Bag Inflation Zones — Passenger Side View



AAZIA0853ZZ

↩: Front of vehicle.

1. Maximum inflated side curtain air bag

A. 1,272 mm (50.08 in)

D. 321 mm (12.64 in)

2. Maximum inflated side air bag

B. 748 mm (29.45 in)

E. 509 mm (20.04 in)

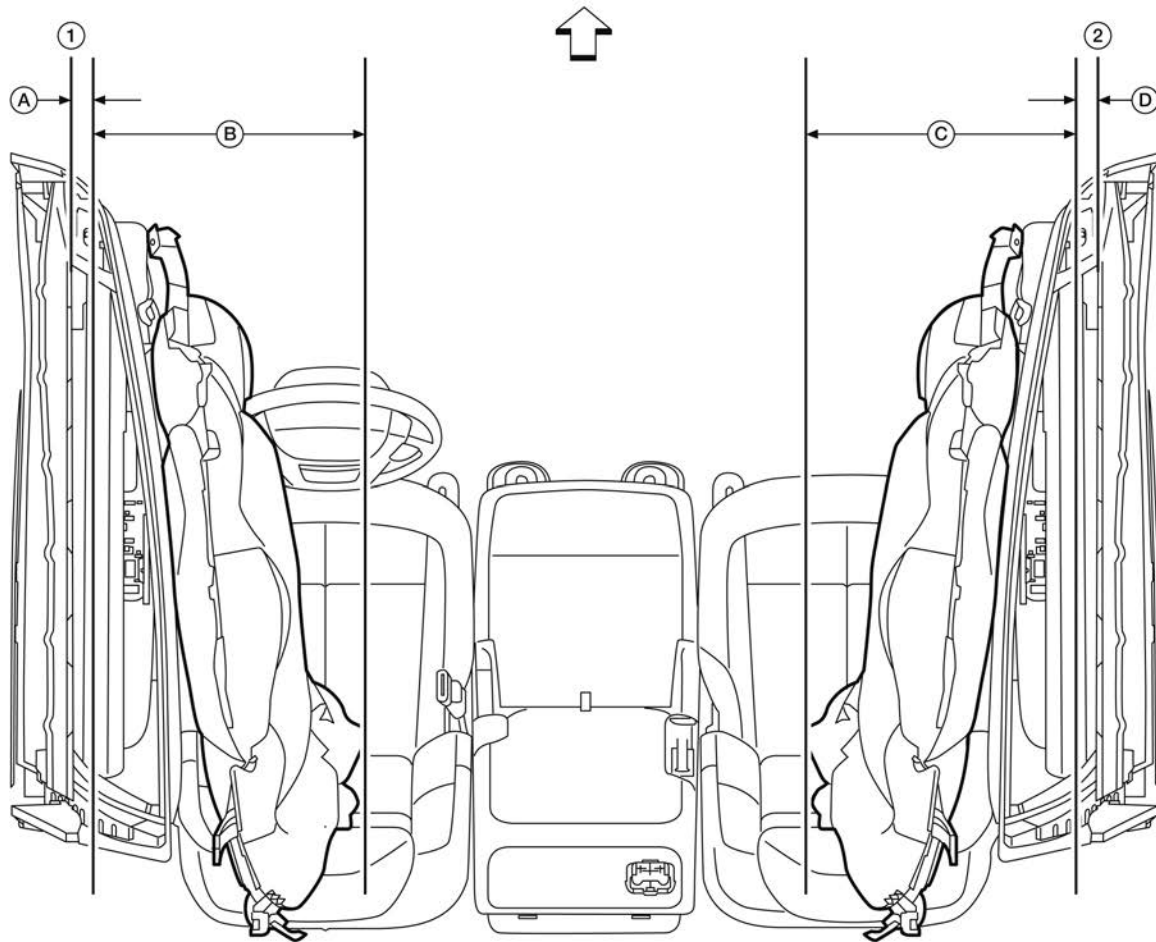
3. Maximum inflated passenger air bag

C. 737 mm (29.02 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Side Curtain Air Bag Inflation Zones — Overhead View



AAZIA0835ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 483 mm (19.02 in)

2. Reference point: door glass trim edge

C. 483 mm (19.02 in)

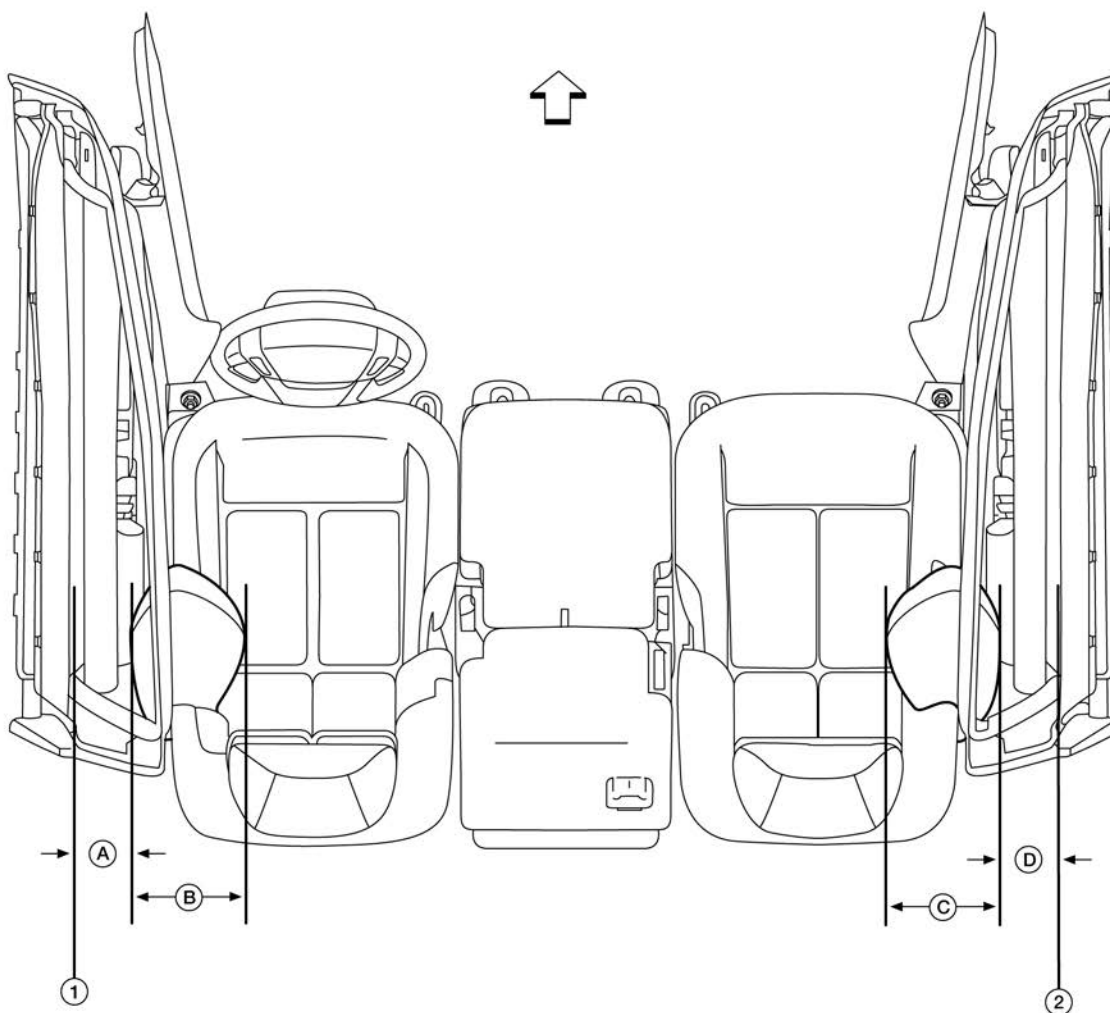
A. 43 mm (1.69 in)

D. 103 mm (4.06 in)

FRONT AIR BAG DEPLOYMENT ZONES — SINGLE CAB (2017-2019 Model Years)

[SAFETY INFORMATION]

Side Air Bag Inflation Zones — Overhead View



AAZIA0552ZZ

↖: Front of vehicle.

1. Reference point: door glass trim edge

B. 206 mm (8.11 in)

2. Reference point: door glass trim edge

C. 206 mm (8.11 in)

A. 107 mm (4.21 in)

D. 107 mm (4.21 in)

ALTERED VEHICLES

Safety / Emissions

Certification Labels for Altered Vehicles

USA:

A person or company who alters a previously certified vehicle before the first purchase by the final customer in such a manner that its stated weight ratings are revised, is required by Federal Regulation (49 CFR Part 567.7) to affix an Altered Vehicle Certification Label in addition to the FMVSS and CMVSS Certification Label. The label must be affixed to the vehicle in the manner and form described in 49 CFR Part 567.4:

- The label shall, unless riveted, be permanently affixed in such a manner that it cannot be removed without destroying or defacing it.
- The label shall be affixed to either the hinge pillar, B-pillar, or the door edge that meets the door-latch post next to the driver's seating position or, if none of these locations is practicable, to the left side of the instrument panel (other permissible locations are also specified in 49 CFR Part 567.4).
- The lettering on the label shall be of a color that contrasts with the background of the label.
- The label shall contain the required statements in the English language and lettered in block capitals and numerals not less than three thirty-seconds of an inch high.
- The lettering shall be permanent. If typed or written, a protective clear cover may be necessary to prevent information from being wiped off.
- Label must not cover or obscure the FMVSS or CMVSS Certification Label.

NOTE:

The National Highway Traffic Safety Administration (NHTSA) requires that any automobile dealer that installs accessories on a vehicle prior to first retail sale must install a special label ("reduced capacity label") on that vehicle if the total weight of all accessories on that vehicle exceed 1.5 percent of the vehicle's gross vehicle weight rating (GVWR) or 100 lbs., whichever is less. This includes accessories that the dealer puts on (OE and after market), AND accessories installed at the Vehicle Processing Center (VPC).

If the yellow label is applied near the tire and loading information on the driver's side B pillar, load carrying capacity shown on the yellow label supersedes previous load information.

Canada:

"Alterers" of motor vehicles are required to affix a permanent label on vehicles that they manufacture bearing a statement of compliance as provided by Section 9 of the Canadian Motor Vehicle Safety Regulations. The vehicle alterer should affix a corporate label containing information shown on this page.

- Insert the name of the company that altered the vehicle.
- Insert the month and year during which the alteration of the vehicle was completed.
- Insert a drawing of the National Safety Mark which includes their unique manufacturer number.
- Insert revised GVWR or PNBV capacities in kilograms of the vehicle as altered, where they differ from those shown on the original certification label.
- Insert the GAWR/PNBES of the vehicle as altered, where they differ from those shown on the original certification label. Also, include the tire size, rim size and tire inflation pressure.
- Insert the vehicle type stated on the safety standard certification label provided by Nissan. The type of vehicle, in both official languages, or the word "TYPE" along with one of the following abbreviations, namely:
 - "AT/PA" to refer to an auto transporter,
 - "ATV/VTT" to refer to an all-terrain vehicle,
 - "B/A" to refer to a bus,
 - "BT/RA" to refer to a bus trailer,
 - "CD/CCC" to refer to a C-dolly,
 - "CMC/MCC" to refer to a competition motorcycle,
 - "LDD/CRC" to refer to a load divider dolly,
 - "MH/AC" to refer to a motor home,
 - "MC" to refer to a motorcycle,
 - "MPV/VTUM" to refer to a multi-purpose passenger vehicle,
 - "RUM/MUR" to refer to a restricted-use motorcycle,
 - "SB/AS" to refer to a school bus,
 - "TRA/REM" to refer to a trailer,
 - "TCD/CDC" to refer to a trailer converter dolly,
 - "TRU/CAM" to refer to a truck, and
 - "TT/CT" to refer to a truck tractor.

The label must meet the following requirements as described in Section 9:

- Shall be permanently attached.
- Shall be affixed adjacent to the original compliance label required by Section 6.
- The lettering of the label shall be clear, indelible, indented, or embossed, or of a color that contrasts with the background color of the label, and in block capitals and numerals not less than 2.0 mm (0.1 in) high.
- The label shall be permanently affixed to the same surface as that to which the FMVSS or CMVSS label is affixed.

BRAKE COMPLIANCE GUIDELINES

Brake Compliance Guidelines (FMVSS and CMVSS 105)

Any changes to the vehicle must still comply with FMVSS and CMVSS 105 allowing for the following provisions:

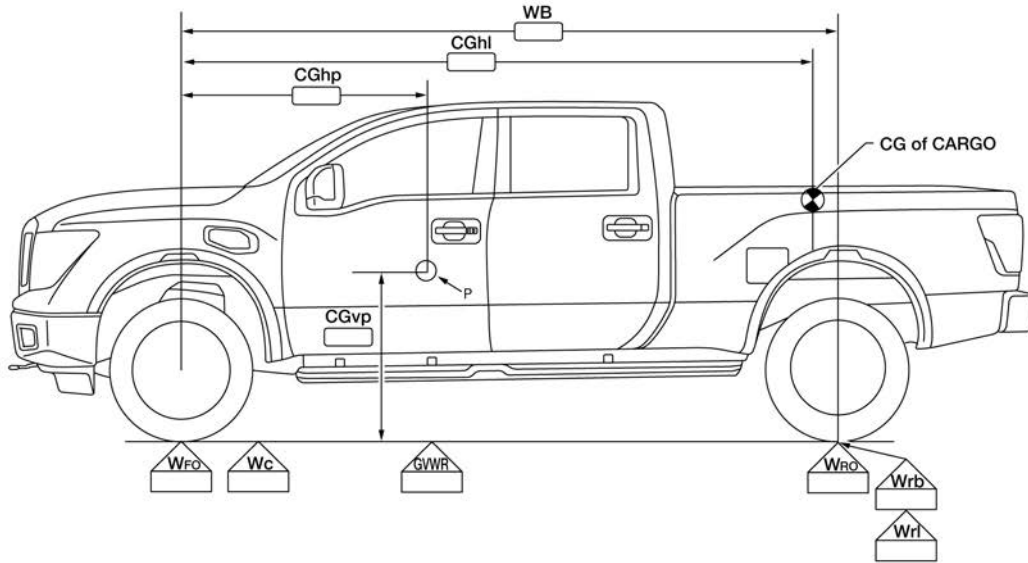
- No alterations, modifications or replacements are made to the following systems:
 - parking brake
 - anti-lock brakes
 - engine vacuum
 - steering
 - wheels or tires
 - brakes
 - indicator lamps and wiring
 - brake system reservoir labeling
 - suspension ride height or spring rate
 - engine belt drive
- The vehicle is re-balanced by the addition of an equivalent weight if components are permanently removed.
- The applicable GAWRs and GVWR weights are not exceeded.
- The applicable center of gravity limitations are met using the calculation methods in [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#).
- The vertical distance from the ground to the completed vehicle center of gravity should not exceed the following at Gross Vehicle Weight Rating (GVWR).
 - 948 mm (37.3 in) (crew cab)
 - 940.3 mm (37.0 in) (King Cab®)
 - 948.1 mm (37.3 in) (single cab)

CENTER OF GRAVITY (CG) – CREW CAB

Vehicle Center of Gravity Measurement Process

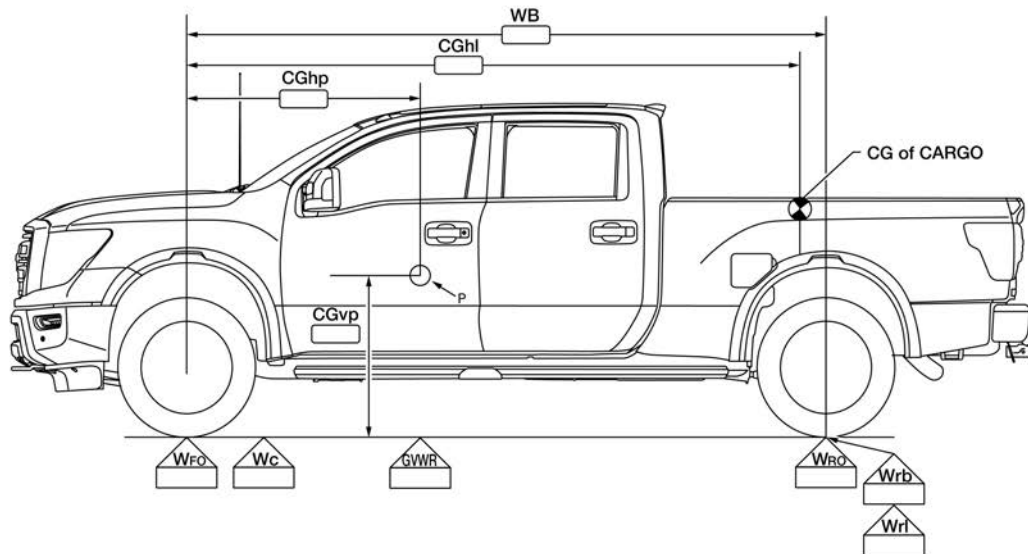
Introduction

(2017-2019 Model Years)



AAZIA0395GB

Starting 2020 model year



TGAZIA0023GB

List of Terms

Term	Definition
CG_h	Horizontal distance from the center line of the front wheels to the center of gravity of the completed vehicle [mm (in)].
CG_{hl}	Horizontal distance from the center line of the front wheels to the center of gravity of the cargo [mm (in)]. If CG_{hl} is not known, it may be estimated as the distance from the center line of the front wheels to the horizontal midpoint of the cargo area.
CG_{hb}	Horizontal distance from the center line of the front wheels to the center of gravity of SUB and/or permanently attached equipment [mm (in)].
CG_{hp}	Horizontal distance from the center line of the front wheels to the center of gravity of the passenger load [mm (in)].
CG_v	Vertical distance from the ground to the center of gravity of the completed vehicle [mm (in)].
CG_{vb}	Vertical distance from the ground to the center of gravity of the SUB and/or permanently attached equipment [mm (in)].
CG_{vc}	Vertical distance from the ground to the center of gravity of the chassis (including cab) [mm (in)].
CG_{vl}	Vertical distance from the ground to the center of gravity of the cargo [mm (in)].
CG_{vp}	Vertical distance from the ground to the center of gravity of the passenger load [mm (in)].
GVW	Actual Gross Vehicle Weight (pounds). $GVW = W_b + W_c + W_l + P$
GVWR	Gross Vehicle Weight Rating of the vehicle [kg (lbs)].
h_f	Vertical distance between the front wheel center to ground line.
h_R	Vertical distance between the rear wheel center to ground line.
P	Two passenger load 136 kg (300 lbs).
P_f	Passenger front load distribution [kg (lbs)]. $P_f = P - P_r$
P_r	Passenger rear load distribution kg (lbs). $P_r = \frac{P \times CG_{hp}}{WB}$
SUB	A Second Unit Body (SUB) consists of the body structure and/or all the cargo carrying, work performing and/or load bearing components and/or equipment installed by a subsequent stage manufacturer.
W_b	Weight of the SUB and/or permanently attached added equipment [kg (lbs)].
WB	Vehicle wheelbase [mm (in)].
W_c	Weight of the vehicle (chassis and cab with fuel tank full), including options weight [kg (lbs)].
W_F	Weight at the front wheels of the vehicle (chassis and cab with fuel tank full), including options weight at raised position [kg (lbs)].
W_{FO}	Weight at the front wheels of the vehicle (chassis and cab with fuel tank full), including options weight at horizontal position [kg (lbs)].
W_l	Weight of the cargo [kg (lbs)].
W_p	Weight of one passenger 68 kg (150 lbs)
W_R	Weight at the rear wheels of the vehicle (chassis and cab with fuel tank full), including options weight at raised position [kg (lbs)].

Term	Definition
W_{rb}	Weight at the rear wheels of the SUB and/or permanently attached added equipment [kg (lbs)].
W_{rl}	Weight at the cargo on the rear wheels [kg (lbs)].
W_{RO}	Weight at the rear wheels of the vehicle (chassis and cab with fuel tank full), including options weight at horizontal position [kg (lbs)].

This information is being used to assist upfitters in determining the vehicle center of gravity height. This has been prepared for the use of knowledgeable test engineers. It is not a how-to document for people without technical training.

Recommended Procedure

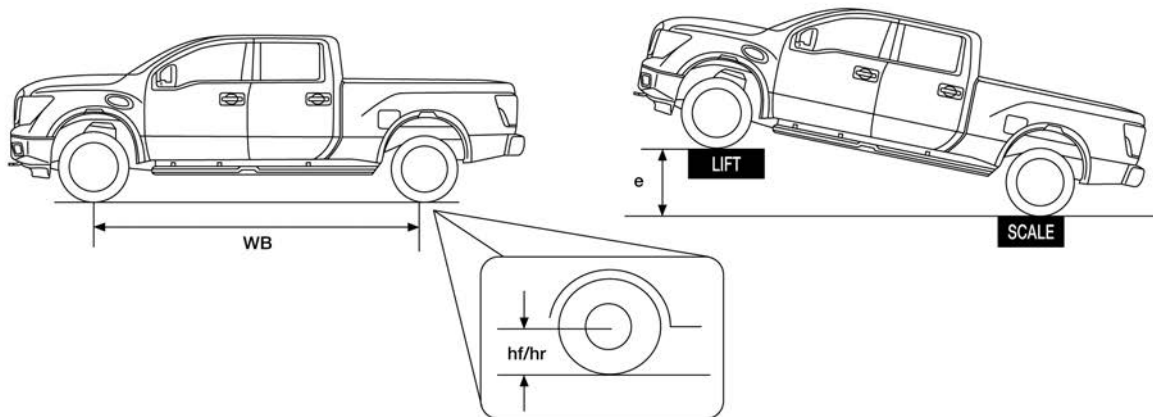
Setup

The following vehicle conditions should be verified prior to the measurement:

- Vehicle Mass: Unloaded Vehicle Condition — Full fluids, spare tire, jack and tire tool.
- Vehicle Posture: Unloaded Vehicle Condition — Adjust fender opening height to design value.
- Tire: Production parts shall be used. Tire pressure should be set to the specified pressure on Tire Placard once the vehicle has cooled.
- Steering Wheel: Set to center of stroke with wheels pointing forward.
- Seats: Adjust to reference position:
 - Longitudinal slide: Center of slide
 - Seat Lifter: Lowermost
 - Back angle: Set to normal driving condition or as close to 23° as possible.
- Window Glass: Fully closed.
- Other Parts: Production parts shall be used.
- Road Surface to be used: Flat load cell.
- Measurement Needed: Wheelbase, height of wheel centers from ground, lift heights, axle loads.
- Shift Position: Neutral. For safety, apply the parking brake.

Measurement Methods

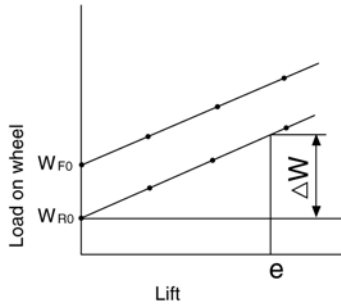
1. The vehicle should be at its unloaded vehicle condition, with full fluids and equipped with spare tire, jack and tools.
2. Measure the wheelbase of the vehicle (WB) on the left-hand and right-hand sides of the vehicle and use the average value for the calculations. Measure the height of the 4 wheel centers from the ground to get h_f and h_r .
3. Replace the shock absorbers with turnbuckles or solid link to avoid suspension travel.
4. Increase the tire air pressure to the maximum recommended level specified in tire placard or Owner's Manual.
5. Once the vehicle is on the scale, set the parking brake to prevent vehicle from rolling.
6. Measure the Rear Wheel Load (W_{RO}) in a horizontal position.
7. Raise the front of the vehicle with a hoist. Lift height should be at 0.5 m (1.6 ft) to start, with additional lift heights used to improve accuracy. (i.e., 0.5 m (1.6 ft) + a, 0.5 m (1.6 ft) + B).
8. Measure the Rear Wheel Load (W_R) with raised vehicle.
9. Change the lift height and measure the load on the rear wheel to find the relationship between lift and load. Measure two times for each lift height.
10. Follow the same procedure from (7) to (9) by raising the rear wheels.



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Analysis Method

1. Plot the relation between the lift height (e) and the load on rear wheels (W_{RO}) for raising the front wheels and the relation between the lift (e) and the load on the front wheels (W_{FO}) for raising the rear wheels. Draw a regression line for both cases with front or rear.
2. Obtain the shifted load (ΔW_{RO} and ΔW_{FO}) for the lift (e) according to the graph. ΔW_{RO} and ΔW_{FO} with $e = 0.5$ m (1.6 ft.) shall be representative value.
3. Calculate the CG height by using the following equations:



Front wheels raised

$$CG_V = \frac{\Delta W}{W} WB \frac{\sqrt{WB^2 - e^2}}{e} + h_F + \frac{W_{RO}}{W} (h_R - h_F)$$

Rear wheels raised

$$CG_V = \frac{\Delta W}{W} WB \frac{\sqrt{WB^2 - e^2}}{e} + h_R + \frac{W_{FO}}{W} (h_F - h_R)$$

Where,

CG_V : Height of gravity center m (ft)

W : Vehicle weight ($W = W_{FO} + W_{RO}$) kg (lbs)

W_{FO} : Front wheel load (in horizontal position) kg (lbs)

W_{RO} : Rear wheel load (in horizontal position) kg (lbs)

e : Lift m (ft)

ΔW : shifted load kg (lbs)

WB : Wheelbase m (ft)

h_F : Front wheel center height m (ft)

h_R : Rear wheel center height m (ft)

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Results

The center of gravity height (CG_V) obtained is theoretically the same for both cases with the front or rear wheels raised. The accuracy of the results should be verified by performing several tests and averaging the results.

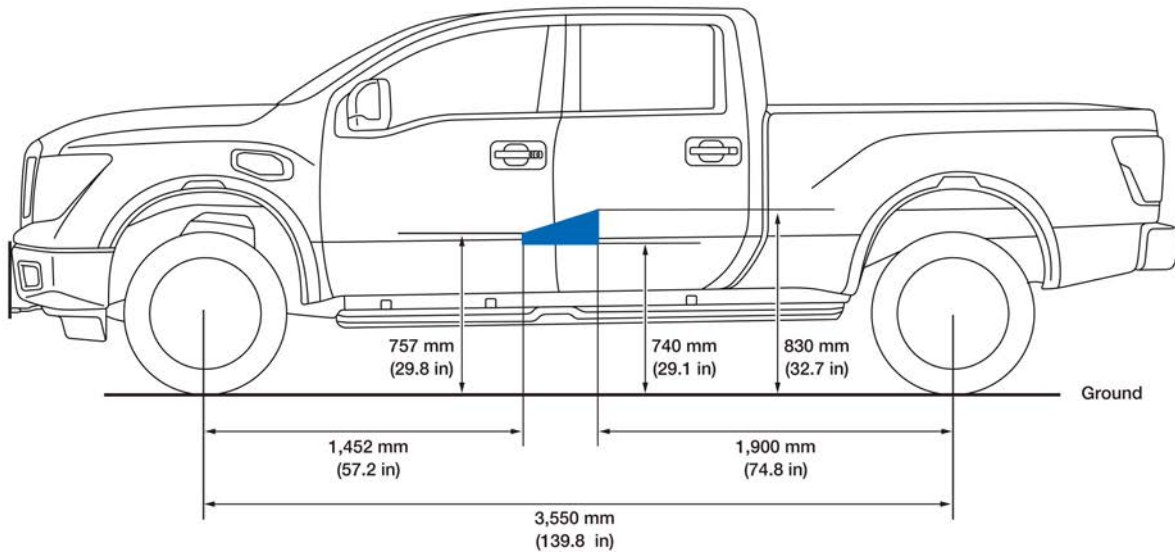
Vehicle Center of Gravity Envelope — Unloaded Vehicle Weight (UVW)

The diagram below shows the vehicle center of gravity envelope.

The center of gravity zone (CG zone) shall not be exceeded by any upfitter package.

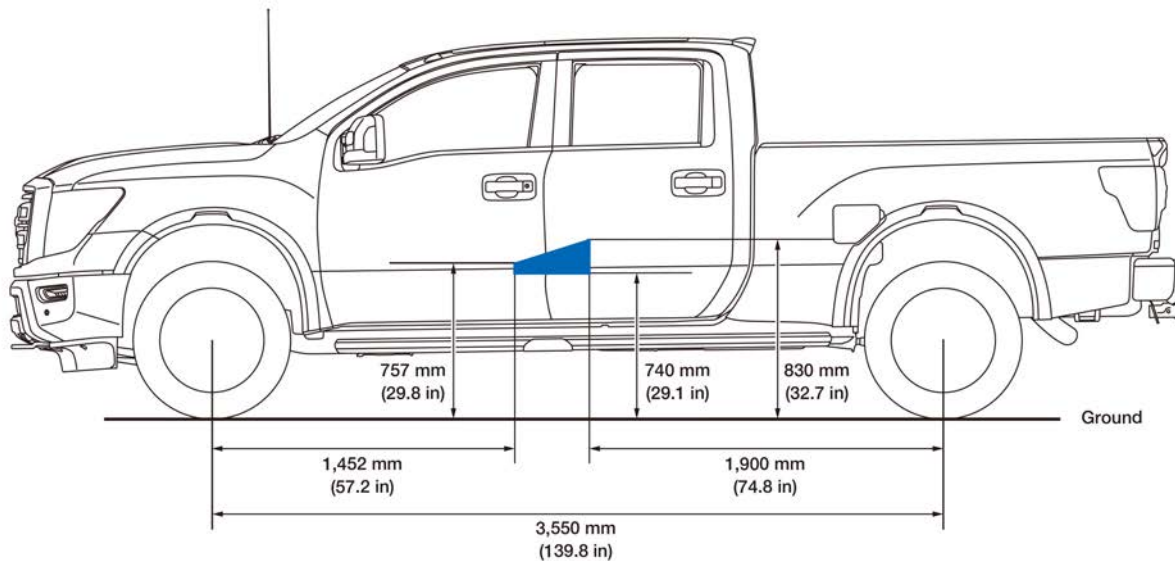
Crew Cab

(2017-2019 Model Years)



AAZIA0427GB

(Starting 2020 model year)



TGAZIA0024GB

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2017-2018 Model Years

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543.0 (1,197)	183 (403)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,427.6 (3,147.3)	1,067.5 (2,353.3)	2,495.0 (5,500.61)
	4WD			3,311 (7,300)	633 (1,396)	106 (233)				1,465.5 (3,230.9)	1,107.0 (2,440.5)	2,572.5 (5,671.4)
	2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	189 (417)		1,724 (3,800)	1,820 (4,012)	1,427.4 (3,146.8)	1,061.7 (2,340.5)	2,489.0 (5,487.3)
	4WD			3,311 (7,300)	633 (1,396)	107 (236)				1,470.8 (3,242.6)	1,100.1 (2,425.3)	2,570.9 (5,667.9)
	2WD	SL	2,678 (5,904)	3,221 (7,100)	543.0 (1,197.1)	88 (194)		1,724 (3,800)	1,820 (4,012)	1,455.8 (3,209.4)	1,134.4 (2,500.8)	2,590.1 (5,710.2)
	4WD			3,311 (7,300)	*5	*5				1,499.1 (3,304.9)	1,171.4 (2,582.5)	2,673.4 (5,893.8)
	4WD	Pro-4X	2,678 (5,904)	3,311 (7,300)	*5	*5		1,724 (3,800)	1,820 (4,012)	1,475.6 (3,253.1)	1,152.2 (2,540.2)	2,627.8 (5,793.3)
	2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543.0 (1,197)	70 (154)		1,724 (3,800)	1,820 (4,012)	1,466.6 (3,233.2)	1,141.7 (2,516.9)	2,608.2 (5,750.1)
	4WD			3,311 (7,300)	*5	*5				1,504.3 (3,316.4)	1,181.0 (2,603.7)	2,685.3 (5,920.1)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

*5: Not UVW certified.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2019 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	167 (369)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,440.3 (3,175.4)	1,070.3 (2,359.7)	2,510.7 (5,535.1)
	4WD			3,311 (7,300)	633 (1,396)	105 (231)				1,469.7 (3,240.0)	1,103.5 (2,432.9)	2,573.2 (5,672.9)
	2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	172 (379)				1,442.0 (3,179.1)	1,064.1 (2,346.0)	2,506.2 (5,525.2)
	4WD			3,311 (7,300)	633 (1,396)	105 (231)				1,476.9 (3,255.9)	1,096.2 (2,416.8)	2,573.1 (5,672.7)
	2WD	SL	2,678 (5,904)	3,221 (7,100)	543 (1,197)	70 (154)				1,470.4 (3,241.7)	1,137.7 (2,508.3)	2,608.2 (5,750.0)
	4WD			3,311 (7,300)	*5	*5				1,505.2 (3,318.3)	1,171.3 (2,582.3)	2,676.5 (5,900.6)
	4WD	Pro-4X	2,678 (5,904)	3,311 (7,300)	*5	*5				1,482.6 (3,268.5)	1,149.4 (2,534.1)	2,632.0 (5,802.5)
	2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543 (1,197)	52 (114)				1,481.2 (3,265.5)	1,145.0 (2,524.4)	2,626.3 (5,789.9)
	4WD			3,311 (7,300)	*5	*5				1,510.4 (3,329.8)	1,178.0 (2,597.1)	2,688.4 (5,926.9)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

*5: Not UVW certified

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2020 Model Year

The maximum UVW / ARC values are shown below.

Model				UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Market	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	USA	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	154 (340)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,452.1 (3,201.4)	1,071.8 (2,363.0)	2,524.0 (5,564.4)
	USA	4WD			3,311 (7,300)	633 (1,396)	86 (190)				1,485.6 (3,275.3)	1,106.0 (2,438.2)	2,591.6 (5,713.5)
	CANADA					633 (1,396)	85 (188)				1,486.9 (3,278.2)	1,105.7 (2,437.6)	2,592.6 (1,486.9)
	USA	2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	178 (392)				1,438.4 (3,171.2)	1,061.7 (2,340.7)	2,500.2 (5,512.0)
	USA	4WD			3,311 (7,300)	633 (1,396)	110 (243)				1,473.6 (3,248.8)	1,094.1 (2,412.0)	2,567.7 (5,660.8)
	CANADA					633 (1,396)	114 (251)				1,469.3 (3,239.4)	1,095.0 (2,414.0)	2,564.3 (5,653.3)
	USA	2WD	SL	2,678 (5,904)	3,221 (7,100)	543 (1,197)	56 (124)				1,479.7 (3,262.3)	1,142.1 (2,518.0)	2,621.9 (5,780.3)
	USA	4WD			3,311 (7,300)	*5	*5				1,514.9 (3,339.9)	1,174.5 (2,589.3)	2,689.4 (5,929.1)
	CANADA					*5	*5				1,512.2 (3,333.9)	1,171.4 (2,582.4)	2,683.6 (5,916.4)
	USA	4WD	Pro-4X	2,678 (5,904)	3,311 (7,300)	*5	*5				1,492.4 (3,290.3)	1,153.7 (2,543.4)	2,646.1 (5,833.7)
	CANADA					*5	*5				1,490.8 (3,286.8)	1,172.9 (2,585.7)	2,663.7 (5,872.5)
	USA	2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543 (1,197)	66 (146)				1,480.4 (3,263.8)	1,131.5 (2,494.6)	2,612.0 (5,758.4)
	USA	4WD			3,311 (7,300)	*5	*5				1,514.1 (3,338.1)	1,165.4 (2,569.2)	2,679.5 (5,907.3)
	CANADA					*5	*5				1,515.3 (3,340.8)	1,178.5 (2,598.1)	2,693.8 (5,938.8)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

*5: Not UVW certified

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2021 Model Year

The maximum UVW / ARC values are shown below.

Model				UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Market	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	USA	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	159 (351)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,449.2 (3,195.0)	1,069.3 (2,357.5)	2,518.6 (5,552.5)
	USA	4WD			3,311 (7,300)	633 (1,396)	92 (202)				1,482.7 (3,268.9)	1,103.5 (2,432.7)	2,586.2 (5,701.6)
	CANADA					633 (1,396)	85 (187)				1,488.2 (3,281.0)	1,104.9 (2,435.8)	2,593.1 (5,716.8)
	USA	2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	183 (404)				1,435.5 (3,164.8)	1,059.2 (2,335.2)	2,494.8 (5,500.0)
	USA	4WD			3,311 (7,300)	633 (1,396)	116 (255)				1,470.7 (3,242.4)	1,091.6 (2,406.5)	2,562.3 (5,648.9)
	CANADA					633 (1,396)	110 (244)				1,474.1 (3,249.9)	1,093.4 (2,410.5)	2,567.5 (5,660.4)
	USA	2WD	SL	2,678 (5,904)	3,221 (7,100)	543 (1,197)	62 (137)				1,476.3 (3,254.8)	1,139.4 (2,512.0)	2,615.8 (5,766.8)
	USA	2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543 (1,197)	69 (152)				1,478.7 (3,260.1)	1,130.2 (2,491.7)	2,609.0 (5,751.8)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2022 Model Year

The maximum UVW / ARC values are shown below.

Model				UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Market	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	USA	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	164 (362)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,447.6 (3,191.5)	1,066.0 (2,350.2)	2,513.7 (5,541.7)
		4WD			3,311 (7,300)	633 (1,396)	97 (213)				1,481.1 (3,265.4)	1,100.2 (2,425.5)	2,581.3 (5,690.8)
		2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	177 (389)				1,435.7 (3,165.3)	1,065.7 (2,349.5)	2,501.5 (5,514.8)
		4WD			3,311 (7,300)	633 (1,396)	109 (240)				1,470.9 (3,242.9)	1,098.1 (2,420.8)	2,569.0 (5,663.7)
		2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543 (1,197)	57 (152)				1,481.6 (3,266.5)	1,139.6 (2,512.5)	2,621.3 (5,778.9)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2023 Model Year

The maximum UVW / ARC values are shown below.

Model				UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Market	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	USA	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	164 (362)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,447.6 (3,191.5)	1,066.0 (2,350.2)	2,513.7 (5,541.7)
		4WD			3,311 (7,300)	633 (1,396)	97 (213)				1,481.1 (3,265.4)	1,100.2 (2,425.5)	2,581.3 (5,690.8)
		2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	187 (411)				1,432.8 (3,158.9)	1,058.6 (2,333.9)	2,491.5 (5,492.8)
		4WD			3,311 (7,300)	633 (1,396)	119 (262)				1,468.0 (3,236.5)	1,091.0 (2,405.2)	2,559.0 (5,641.7)
		2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543 (1,197)	73 (160)				1,476.4 (3,255.0)	1,129.0 (2,489.1)	2,605.5 (5,744.1)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2024 Model Year

The maximum UVW / ARC values are shown below.

Model				UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Market	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	USA	2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	186 (411)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,433.0 (3,159.3)	1,058.6 (2,333.9)	2,491.7 (5,493.2)
		4WD			3,311 (7,300)	633 (1,396)	119 (262)				1,468.2 (3,236.9)	1,091.0 (2,405.2)	2,559.2 (5,642.1)
		2WD	Platinum	2,678 (5,904)	3,221 (7,100)	543 (1,197)	72 (159)				1,476.6 (3,255.4)	1,129.0 (2,489.1)	2,605.7 (5,744.5)
		4WD			3,311 (7,300)	*5	*5				1,511.8 (3,333.1)	1,163.7 (2,565.4)	2,675.5 (5,898.5)
		4WD	PRO4X		3,311 (7,300)	*5	*5				1,484.3 (3,722.4)	1,146.6 (2,527.8)	2,630.9 (5,800.2)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.
- *5: Not UVW certified

The CG_{hb} can be approximated using the following formula:

$$CG_{hb} = \frac{W_{rb} \times WB}{W_b}$$

The Max C can be approximated using the following formula:

$$Max\ C = \frac{(FR\ GAWR - W_{FO} - P_f) \times WB}{WB - CG_{hb}}$$

After calculating Max C, GVW can be confirmed using the following formula:

$$GVW = W_c + W_b + Max\ C + P$$

If GVW is greater than GVWR, then Max C **must be reduced**

FMVSS/CMVSS 126 Electronic Stability Control Systems and FMVSS/CMVSS 135 Light Vehicle Brake Systems

For Body Builder's use and applicable to FMVSS/CMVSS 126 (1) and 135 (2), the vertical vehicle center of gravity location can be approximated by following the formula below:

$$(1) \ CG_v = \frac{CG_{vc} W_c + CG_{vb} W_b}{W_c + W_b}$$

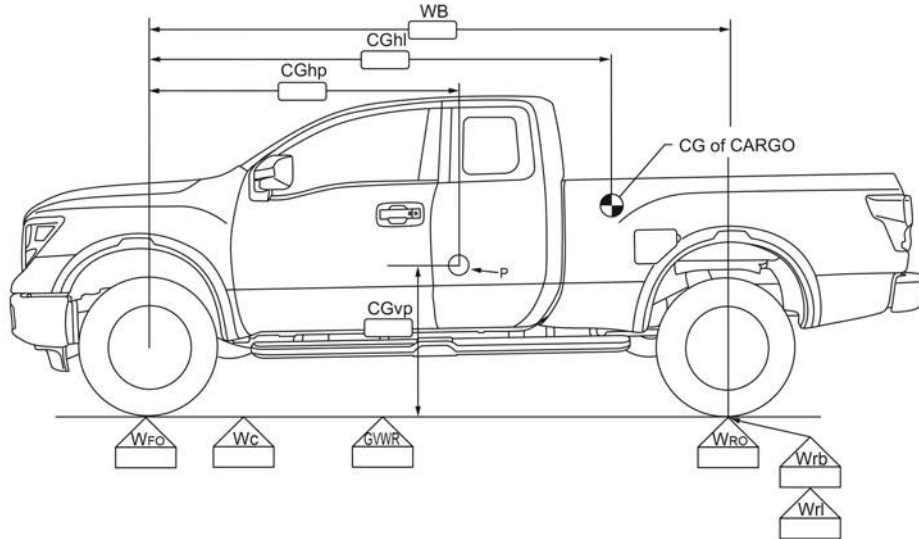
$$(2) \ CG_v = \frac{CG_{vc} W_c + CG_{vb} W_b + CG_{vp} W_p}{W_c + W_b + W_p}$$

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CENTER OF GRAVITY (CG) – KING CAB®

Vehicle Center of Gravity Measurement Process

Introduction



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List of Terms

Term	Definition
CG_h	Horizontal distance from the center line of the front wheels to the center of gravity of the completed vehicle [mm (in)].
CG_{hl}	Horizontal distance from the center line of the front wheels to the center of gravity of the cargo [mm (in)]. If CG_{hl} is not known, it may be estimated as the distance from the center line of the front wheels to the horizontal midpoint of the cargo area.
CG_{hb}	Horizontal distance from the center line of the front wheels to the center of gravity of SUB and/or permanently attached equipment [mm (in)].
CG_{hp}	Horizontal distance from the center line of the front wheels to the center of gravity of the passenger load [mm (in)].
CG_v	Vertical distance from the ground to the center of gravity of the completed vehicle [mm (in)].
CG_{vb}	Vertical distance from the ground to the center of gravity of the SUB and/or permanently attached equipment [mm (in)].
CG_{vc}	Vertical distance from the ground to the center of gravity of the chassis (including cab) [mm (in)].
CG_{vl}	Vertical distance from the ground to the center of gravity of the cargo [mm (in)].
CG_{vp}	Vertical distance from the ground to the center of gravity of the passenger load [mm (in)].
GVW	Actual Gross Vehicle Weight (pounds). $GVW = W_b + W_c + W_l + P$
GVWR	Gross Vehicle Weight Rating of the vehicle [kg (lbs)].
h_f	Vertical distance between the front wheel center to ground line.
h_R	Vertical distance between the rear wheel center to ground line.

Term	Definition
P	Two passenger load 136 kg (300 lbs).
P_f	Passenger front load distribution [kg (lbs)]. $P_f = P - P_r$
P_r	Passenger rear load distribution kg (lbs). $P_r = \frac{P \times CG_{hp}}{WB}$
SUB	A Second Unit Body (SUB) consists of the body structure and/or all the cargo carrying, work performing and/or load bearing components and/or equipment installed by a subsequent stage manufacturer.
W_b	Weight of the SUB and/or permanently attached added equipment [kg (lbs)].
WB	Vehicle wheelbase [mm (in)].
W_c	Weight of the vehicle (chassis and cab with fuel tank full), including options weight [kg (lbs)].
W_F	Weight at the front wheels of the vehicle (chassis and cab with fuel tank full), including options weight at raised position [kg (lbs)].
W_{FO}	Weight at the front wheels of the vehicle (chassis and cab with fuel tank full), including options weight at horizontal position [kg (lbs)].
W_l	Weight of the cargo [kg (lbs)].
W_p	Weight of one passenger 68 kg (150 lbs)
W_R	Weight at the rear wheels of the vehicle (chassis and cab with fuel tank full), including options weight at raised position [kg (lbs)].
W_{rb}	Weight at the rear wheels of the SUB and/or permanently attached added equipment [kg (lbs)].
W_{rl}	Weight at the cargo on the rear wheels [kg (lbs)].
W_{RO}	Weight at the rear wheels of the vehicle (chassis and cab with fuel tank full), including options weight at horizontal position [kg (lbs)].

This information is being used to assist upfitters in determining the vehicle center of gravity height. This has been prepared for the use of knowledgeable test engineers. It is not a how-to document for people without technical training.

Recommended Procedure

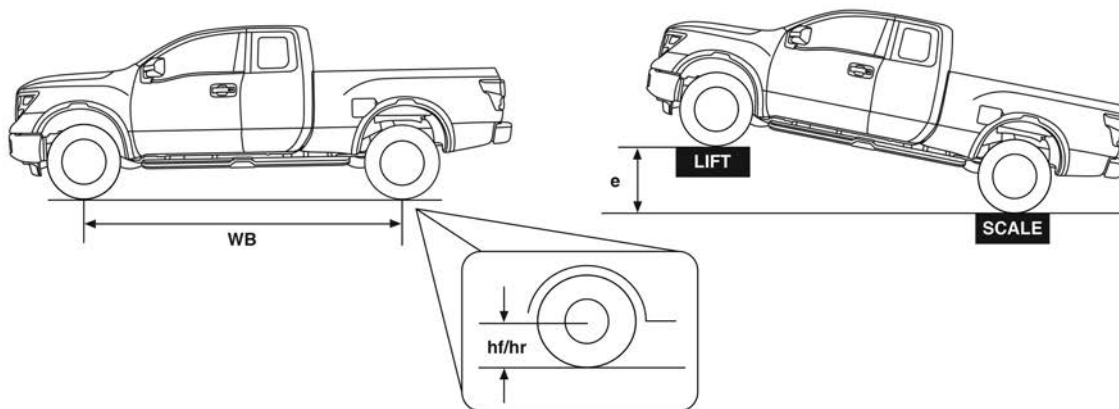
Setup

The following vehicle conditions should be verified prior to the measurement:

- Vehicle Mass: Unloaded Vehicle Condition — Full fluids, spare tire, jack and tire tool.
- Vehicle Posture: Unloaded Vehicle Condition — Adjust fender opening height to design value.
- Tire: Production parts shall be used. Tire pressure should be set to the specified pressure on Tire Placard once the vehicle has cooled.
- Steering Wheel: Set to center of stroke with wheels pointing forward.
- Seats: Adjust to reference position:
 - Longitudinal slide: Center of slide
 - Seat Lifter: Lowermost
 - Back angle: Set to normal driving condition or as close to 23° as possible.
- Window Glass: Fully closed.
- Other Parts: Production parts shall be used.
- Road Surface to be used: Flat load cell.
- Measurement Needed: Wheelbase, height of wheel centers from ground, lift heights, axle loads.
- Shift Position: Neutral. For safety, apply the parking brake.

Measurement Methods

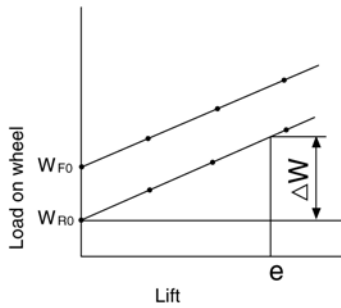
1. The vehicle should be at its unloaded vehicle condition, with full fluids and equipped with spare tire, jack and tools.
2. Measure the wheelbase of the vehicle (WB) on the left-hand and right-hand sides of the vehicle and use the average value for the calculations. Measure the height of the 4 wheel centers from the ground to get h_f and h_r .
3. Replace the shock absorbers with turnbuckles or solid link to avoid suspension travel.
4. Increase the tire air pressure to the maximum recommended level specified in tire placard or Owner's Manual.
5. Once the vehicle is on the scale, set the parking brake to prevent vehicle from rolling.
6. Measure the Rear Wheel Load (W_{RO}) in a horizontal position.
7. Raise the front of the vehicle with a hoist. Lift height should be at 0.5 m (1.6 ft) to start, with additional lift heights used to improve accuracy. (i.e., 0.5 m (1.6 ft) + a, 0.5 m (1.6 ft) + B).
8. Measure the Rear Wheel Load (W_R) with raised vehicle.
9. Change the lift height and measure the load on the rear wheel to find the relationship between lift and load. Measure two times for each lift height.
10. Follow the same procedure from (7) to (9) by raising the rear wheels.



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Analysis Method

1. Plot the relation between the lift height (e) and the load on rear wheels (W_{RO}) for raising the front wheels and the relation between the lift (e) and the load on the front wheels (W_{FO}) for raising the rear wheels. Draw a regression line for both cases with front or rear.
2. Obtain the shifted load (ΔW_{RO} and ΔW_{FO}) for the lift (e) according to the graph. ΔW_{RO} and ΔW_{FO} with $e = 0.5$ m (1.6 ft.) shall be representative value.
3. Calculate the CG height by using the following equations:



Front wheels raised

$$CG_V = \frac{\Delta W}{W} WB \frac{\sqrt{WB^2 - e^2}}{e} + h_F + \frac{W_{RO}}{W} (h_R - h_F)$$

Rear wheels raised

$$CG_V = \frac{\Delta W}{W} WB \frac{\sqrt{WB^2 - e^2}}{e} + h_R + \frac{W_{FO}}{W} (h_F - h_R)$$

Where,

CG_V : Height of gravity center m (ft)

W : Vehicle weight ($W = W_{FO} + W_{RO}$) kg (lbs)

W_{FO} : Front wheel load (in horizontal position) kg (lbs)

W_{RO} : Rear wheel load (in horizontal position) kg (lbs)

e : Lift m (ft)

ΔW : shifted load kg (lbs)

WB : Wheelbase m (ft)

h_F : Front wheel center height m (ft)

h_R : Rear wheel center height m (ft)

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Results

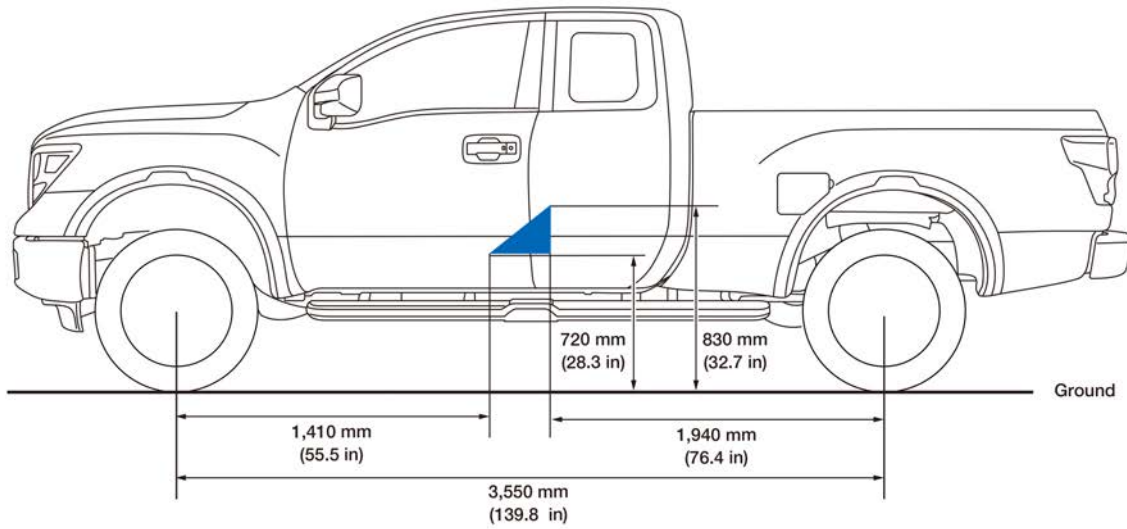
The center of gravity height (CG_V) obtained is theoretically the same for both cases with the front or rear wheels raised. The accuracy of the results should be verified by performing several tests and averaging the results.

Vehicle Center of Gravity Envelope — Unloaded Vehicle Weight (UVW)

The diagram below shows the vehicle center of gravity envelope.

The center of gravity zone (CG zone) shall not be exceeded by any upfitter package.

King Cab®



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Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2017-2018 Model Years

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S With Rear Seating	2,678 (5,904)	3,221 (7,101)	543 (1,197)	184 (405)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,436.6 (3,167.1)	1,057.6 (2,331.6)	2,494.2 (5,498.8)
		S With Rear Seat Delete				226 (498)				1,418.7 (3,127.7)	1,051.8 (2,278.8)	2,452.3 (5,406.4)
	4WD	S With Rear Seating		3,311 (7,299.5)	633 (1,396)	111 (245)				1,500.4 (3,307.8)	1,066.4 (2,351.0)	2,566.8 (5,658.8)
		S With Rear Seat Delete				153 (338)				1,482.5 (3,268.3)	1,042.4 (2,291.8)	2,524.9 (5,566.5)
	2WD	SV With Rear Seating		3,221 (7,101)	543 (1,197)	190 (418)				1,436.4 (3,166.7)	1,051.8 (2,318.9)	2,488.2 (5,485.5)
		SV With Rear Seat Delete				232 (511)				1,418.5 (3,127.2)	1,027.8 (2,265.9)	2,446.3 (5,393.2)
	4WD	SV With Rear Seating		3,311 (7,299.5)	633 (1,396)	113 (249)				1,505.7 (3,319.5)	1,059.5 (2,335.8)	2,565.2 (5,655.3)
		SV With Rear Seat Delete				155 (341)				1,487.8 (3,280.0)	1,035.5 (2,282.9)	2,523.3 (5,562.9)
	4WD	Pro-4X		3,311 (7,299.5)	663 (1,396)	58 (128)				1,510.6 (3,330.3)	1,109.2 (2,445.4)	2,619.8 (5,775.7)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2019 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S With Rear Seating	2,678 (5,904)	3,221 (7,100)	543 (1,197)	201 (443)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,430.4 (3,153.5)	1,046.7 (2,307.5)	2,477.0 (5,461.0)
		S With Rear Seat Delete				242 (534)				1,412.9 (3,114.9)	1,023.1 (2,255.5)	2,435.9 (5,370.3)
	4WD	S With Rear Seating		3,311 (7,300)	633 (1,396)	111 (244)				1,504.4 (3,316.7)	1,063.0 (2,343.6)	2,567.5 (5,660.3)
		S With Rear Seat Delete				152 (334)				1,486.9 (3,278.1)	1,039.4 (2,291.6)	2,526.4 (5,569.7)
	2WD	SV With Rear Seating		3,221 (7,100)	543 (1,197)	205 (453)				1,432.1 (3,157.2)	1,040.5 (2,293.8)	2,472.5 (5,451.0)
		SV With Rear Seat Delete				247 (544)				1,414.6 (3,118.6)	1,016.9 (2,241.8)	2,431.4 (5,360.4)
	4WD	SV With Rear Seating		3,311 (7,300)	633 (1,396)	111 (244)				1,511.6 (3,332.6)	1,055.7 (2,327.5)	2,567.4 (5,660.1)
		SV With Rear Seat Delete				152 (334)				1,494.1 (3,294.0)	1,032.1 (2,275.5)	2,526.3 (5,569.5)
	4WD	Pro-4X		3,311 (7,300)	633 (1,396)	54 (119)				1,517.4 (3,345.4)	1,106.5 (2,439.5)	2,624.0 (5,784.9)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2020 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	162 (358)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,457.0 (3,212.1)	1,058.8 (2,334.2)	2,515.8 (5,546.3)
	4WD	S		3,311 (7,300)	633 (1,396)	109 (241)				1,510.4 (3,329.8)	1,058.5 (2,333.6)	2,568.8 (5,663.3)
	2WD	SV		3,221 (7,100)	543 (1,197)	186 (410)				1,443.3 (3,181.9)	1,048.7 (2,312.0)	2,492.0 (5,493.9)
	4WD	SV		3,311 (7,300)	633 (1,396)	133 (293)				1,498.4 (3,303.3)	1,046.6 (2,307.4)	2,544.9 (5,610.6)
	4WD	Pro-4X		3,311 (7,300)	633 (1,396)	55 (120)				1,519.3 (3,349.4)	1,104.1 (2,434.1)	2,623.3 (5,783.5)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2021 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	166 (367)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,454.7 (3,207.1)	1,056.9 (2,330.0)	2,511.6 (5,537.1)
	4WD	S		3,311 (7,300)	633 (1,396)	113 (250)				1,508.1 (3,324.7)	1,056.6 (2,329.4)	2,564.6 (5,654.1)
	2WD	SV		3,221 (7,100)	543 (1,197)	190 (419)				1,441.0 (3,176.9)	1,046.8 (2,307.8)	2,487.8 (5,484.6)
	4WD	SV		3,311 (7,300)	633 (1,396)	137 (303)				1,496.1 (3,298.2)	1,044.7 (2,303.2)	2,540.7 (5,601.4)
	4WD	Pro-4X		3,311 (7,300)	633 (1,396)	70 (153)				1,510.9 (3,330.9)	1,097.6 (2,419.8)	2,608.4 (5,750.6)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2022 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	140 (310)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,448.8 (3,194.0)	1,088.8 (2,400.4)	2,537.6 (5,594.4)
	4WD			3,311 (7,300)	633 (1,396)	87 (193)				1,502.2 (3,311.7)	1,088.5 (2,399.7)	2,590.6 (5,711.4)
	2WD	SV		3,221 (7,100)	543 (1,197)	196 (431)				1,438.6 (3,171.6)	1,043.7 (2,300.9)	2,482.3 (5,472.5)
	4WD			3,311 (7,300)	633 (1,396)	143 (315)				1,493.7 (3,292.9)	1,041.6 (2,296.3)	2,535.2 (5,589.3)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2023 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	171 (378)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,453.1 (3,203.5)	1,053.6 (2,322.8)	2,506.7 (5,526.3)
	4WD			3,311 (7,300)	633 (1,396)	118 (261)				1,506.5 (3,321.2)	1,053.3 (2,322.1)	2,559.7 (5,643.3)
	2WD	SV		3,221 (7,100)	543 (1,197)	189 (417)				1,442.1 (3,179.3)	1,046.9 (2,308.0)	2,489.0 (5,487.3)
	4WD			3,311 (7,300)	633 (1,396)	137 (301)				1,496.8 (3,299.8)	1,044.6 (2,302.9)	2,541.3 (5,602.7)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2024 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	4WD	SV	2,678 (5,904)	3,311 (7,300)	633 (1,396)	144 (315)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,493.0 (3,291.4)	1,041.5 (2,296.1)	2,534.4 (5,587.5)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

The CG_{hb} can be approximated using the following formula:

$$CG_{hb} = \frac{W_{rb} \times WB}{W_b}$$

The Max C can be approximated using the following formula:

$$Max\ C = \frac{(FR\ GAWR - W_{FO} - P_f) \times WB}{WB - CG_{hb}}$$

After calculating Max C, GVW can be confirmed using the following formula:

$$GVW = W_c + W_b + Max\ C + P$$

If GVW is greater than GVWR, then Max C **must be reduced**

FMVSS/CMVSS 126 Electronic Stability Control Systems and FMVSS/CMVSS 135 Light Vehicle Brake Systems

For Body Builder's use and applicable to FMVSS/CMVSS 126 (1) and 135 (2), the vertical vehicle center of gravity location can be approximated by following the formula below:

$$(1) CG_v = \frac{CG_{vc} W_c + CG_{vb} W_b}{W_c + W_b}$$

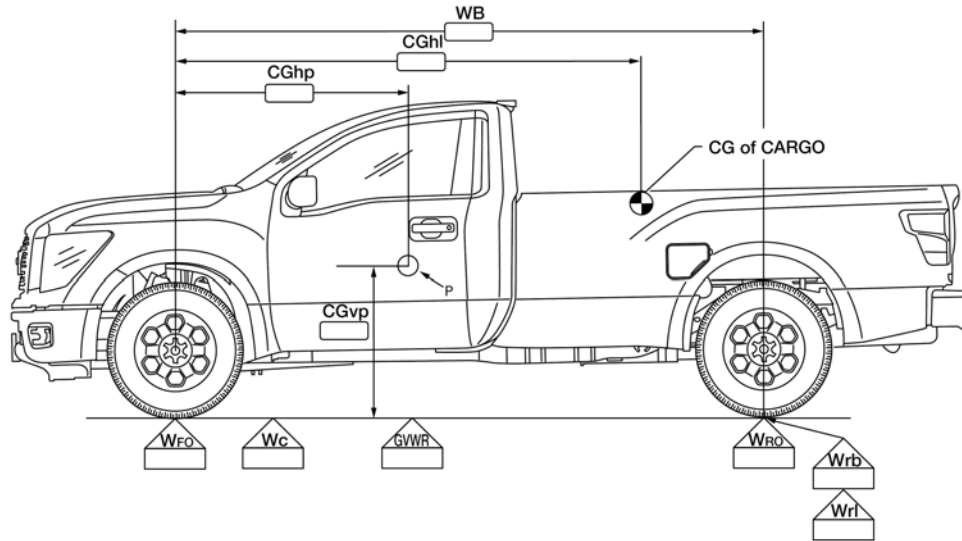
$$(2) CG_v = \frac{CG_{vc} W_c + CG_{vb} W_b + CG_{vp} W_p}{W_c + W_b + W_p}$$

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CENTER OF GRAVITY (CG) – SINGLE CAB

Vehicle Center of Gravity Measurement Process

Introduction



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List of Terms

Term	Definition
CG_h	Horizontal distance from the center line of the front wheels to the center of gravity of the completed vehicle [mm (in)].
CG_{hl}	Horizontal distance from the center line of the front wheels to the center of gravity of the cargo [mm (in)]. If CG_{hl} is not known, it may be estimated as the distance from the center line of the front wheels to the horizontal midpoint of the cargo area.
CG_{hb}	Horizontal distance from the center line of the front wheels to the center of gravity of SUB and/or permanently attached equipment [mm (in)].
CG_{hp}	Horizontal distance from the center line of the front wheels to the center of gravity of the passenger load [mm (in)].
CG_v	Vertical distance from the ground to the center of gravity of the completed vehicle [mm (in)].
CG_{vb}	Vertical distance from the ground to the center of gravity of the SUB and/or permanently attached equipment [mm (in)].
CG_{vc}	Vertical distance from the ground to the center of gravity of the chassis (including cab) [mm (in)].
CG_{vl}	Vertical distance from the ground to the center of gravity of the cargo [mm (in)].
CG_{vp}	Vertical distance from the ground to the center of gravity of the passenger load [mm (in)].
GVW	Actual Gross Vehicle Weight (pounds). $GVW = W_b + W_c + W_l + P$
GVWR	Gross Vehicle Weight Rating of the vehicle [kg (lbs)].
h_f	Vertical distance between the front wheel center to ground line.
h_R	Vertical distance between the rear wheel center to ground line.

Term	Definition
P	Two passenger load 136 kg (300 lbs).
P_f	Passenger front load distribution [kg (lbs)]. $P_f = P - P_r$
P_r	Passenger rear load distribution kg (lbs). $P_r = \frac{P \times CG_{hp}}{WB}$
SUB	A Second Unit Body (SUB) consists of the body structure and/or all the cargo carrying, work performing and/or load bearing components and/or equipment installed by a subsequent stage manufacturer.
W_b	Weight of the SUB and/or permanently attached added equipment [kg (lbs)].
WB	Vehicle wheelbase [mm (in)].
W_c	Weight of the vehicle (chassis and cab with fuel tank full), including options weight [kg (lbs)].
W_F	Weight at the front wheels of the vehicle (chassis and cab with fuel tank full), including options weight at raised position [kg (lbs)].
W_{FO}	Weight at the front wheels of the vehicle (chassis and cab with fuel tank full), including options weight at horizontal position [kg (lbs)].
W_l	Weight of the cargo [kg (lbs)].
W_p	Weight of one passenger 68 kg (150 lbs)
W_R	Weight at the rear wheels of the vehicle (chassis and cab with fuel tank full), including options weight at raised position [kg (lbs)].
W_{rb}	Weight at the rear wheels of the SUB and/or permanently attached added equipment [kg (lbs)].
W_{rl}	Weight at the cargo on the rear wheels [kg (lbs)].
W_{RO}	Weight at the rear wheels of the vehicle (chassis and cab with fuel tank full), including options weight at horizontal position [kg (lbs)].

This information is being used to assist upfitters in determining the vehicle center of gravity height. This has been prepared for the use of knowledgeable test engineers. It is not a how-to document for people without technical training.

Recommended Procedure

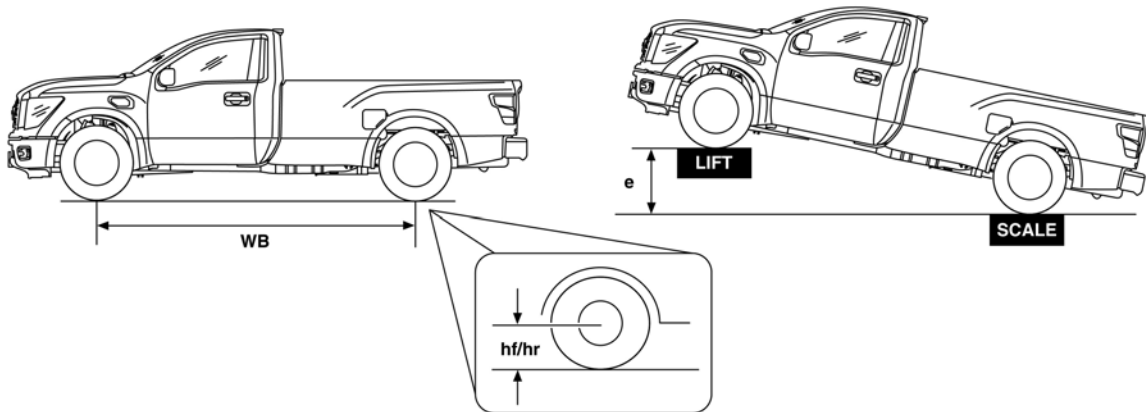
Setup

The following vehicle conditions should be verified prior to the measurement:

- Vehicle Mass: Unloaded Vehicle Condition — Full fluids, spare tire, jack and tire tool.
- Vehicle Posture: Unloaded Vehicle Condition — Adjust fender opening height to design value.
- Tire: Production parts shall be used. Tire pressure should be set to the specified pressure on Tire Placard once the vehicle has cooled.
- Steering Wheel: Set to center of stroke with wheels pointing forward.
- Seats: Adjust to reference position:
 - Longitudinal slide: Center of slide
 - Seat Lifter: Lowermost
 - Back angle: Set to normal driving condition or as close to 23° as possible.
- Window Glass: Fully closed.
- Other Parts: Production parts shall be used.
- Road Surface to be used: Flat load cell.
- Measurement Needed: Wheelbase, height of wheel centers from ground, lift heights, axle loads.
- Shift Position: Neutral. For safety, apply the parking brake.

Measurement Methods

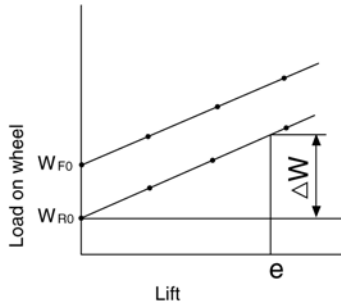
1. The vehicle should be at its unloaded vehicle condition, with full fluids and equipped with spare tire, jack and tools.
2. Measure the wheelbase of the vehicle (WB) on the left-hand and right-hand sides of the vehicle and use the average value for the calculations. Measure the height of the 4 wheel centers from the ground to get h_f and h_r .
3. Replace the shock absorbers with turnbuckles or solid link to avoid suspension travel.
4. Increase the tire air pressure to the maximum recommended level specified in tire placard or Owner's Manual.
5. Once the vehicle is on the scale, set the parking brake to prevent vehicle from rolling.
6. Measure the Rear Wheel Load (W_{RO}) in a horizontal position.
7. Raise the front of the vehicle with a hoist. Lift height should be at 0.5 m (1.6 ft) to start, with additional lift heights used to improve accuracy. (i.e., 0.5 m (1.6 ft) + a, 0.5 m (1.6 ft) + B).
8. Measure the Rear Wheel Load (W_R) with raised vehicle.
9. Change the lift height and measure the load on the rear wheel to find the relationship between lift and load. Measure two times for each lift height.
10. Follow the same procedure from (7) to (9) by raising the rear wheels.



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Analysis Method

1. Plot the relation between the lift height (e) and the load on rear wheels (W_{RO}) for raising the front wheels and the relation between the lift (e) and the load on the front wheels (W_{FO}) for raising the rear wheels. Draw a regression line for both cases with front or rear.
2. Obtain the shifted load (ΔW_{RO} and ΔW_{FO}) for the lift (e) according to the graph. ΔW_{RO} and ΔW_{FO} with $e = 0.5 \text{ m}$ (1.6 ft.) shall be representative value.
3. Calculate the CG height by using the following equations:



Front wheels raised

$$CG_V = \frac{\Delta W}{W} WB \frac{\sqrt{WB^2 - e^2}}{e} + h_F + \frac{W_{RO}}{W} (h_R - h_F)$$

Rear wheels raised

$$CG_V = \frac{\Delta W}{W} WB \frac{\sqrt{WB^2 - e^2}}{e} + h_R + \frac{W_{FO}}{W} (h_F - h_R)$$

Where,

CG_V : Height of gravity center m (ft)

W : Vehicle weight ($W = W_{FO} + W_{RO}$) kg (lbs)

W_{FO} : Front wheel load (in horizontal position) kg (lbs)

W_{RO} : Rear wheel load (in horizontal position) kg (lbs)

e : Lift m (ft)

ΔW : shifted load kg (lbs)

WB : Wheelbase m (ft)

h_F : Front wheel center height m (ft)

h_R : Rear wheel center height m (ft)

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Results

The center of gravity height (CG_V) obtained is theoretically the same for both cases with the front or rear wheels raised. The accuracy of the results should be verified by performing several tests and averaging the results.

CENTER OF GRAVITY (CG) – SINGLE CAB

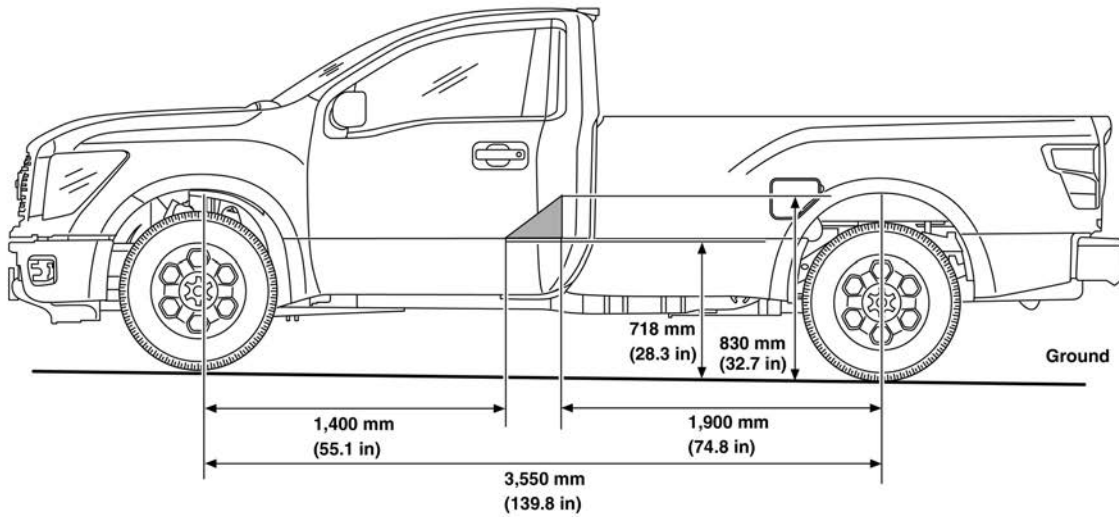
[SAFETY INFORMATION]

Vehicle Center of Gravity Envelope – Unloaded Vehicle Weight (UVW)

The diagram below shows the vehicle center of gravity envelope.

The center of gravity zone (CG zone) shall not be exceeded by any upfitter package.

Single Cab



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Maximum Unloaded Vehicle Weight (UVW) Resource Chart — 2017-2018 Model Years

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678 (5,904)	3,221 (7,100)	543 (1,197)	338 (744)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,392.8 (3,070.6)	947.6 (2,089.1)	2,340.4 (5,159.7)
	4WD			3,311 (7,300)	633 (1,396)	255 (562)				1,429.8 (3,152.2)	993.2 (2,189.6)	2,423.0 (5,341.8)
	2WD	SV	2,678 (5,904)	3,221 (7,100)	543 (1,197)	344 (758)		1,724.0 (3,800.8)	1,820.0 (4,012.4)	1,392.6 (3,070.2)	941.8 (2,076.3)	2,334.4 (5,146.5)
	4WD			3,311 (7,300)	633 (1,396)	257 (566)				1,435.1 (3,163.9)	986.3 (2,174.4)	2,421.4 (5,338.3)

- *1: Wheelbase for all model grades is 3,550 mm (139.8 in).
- *2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.
- *3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.
- *4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

Maximum Unloaded Vehicle Weight (UVW) Resource Chart – 2019 Model Year

The maximum UVW / ARC values are shown below.

Model			UVW Kg (lbs)	GVWR Kg (lbs)	UVW Payload Kg (lbs) *2	ARC Weight Kg (lbs) *3	Max Cargo Kg (lbs) *4	GAWR Kg (lbs)		Base Curb Weight Kg (lbs)		
Engine	Drive	Model Grade *1						Front	Rear	Front	Rear	Total
VK56VD	2WD	S	2,678.0 (5,904.0)	3,221 (7,100)	543 (1,197)	298 (657)	Refer to "Max C"	1,724 (3,800)	1,820 (4,012)	1,420.0 (3,130.6)	959.8 (2116.0)	2,379.8 (5,246.6)
	4WD			3,311 (7,300)	633 (1,396)	245 (539)				1,459.1 (3,216.8)	974.3 (2,147.9)	2,433.4 (5,364.7)
	2WD	SV	2,678.0 (5,904.0)	3,221 (7,100)	543 (1,197)	303 (667)				1,421.7 (3,134.3)	953.6 (2,102.4)	2,375.3 (5,236.7)
	4WD			3,311 (7,300)	633 (1,396)	245 (539)				1,466.3 (3,232.6)	967.0 (2,131.8)	2,433.3 (5,364.5)

*1: Wheelbase for all model grades is 3,550 mm (139.8 in).

*2: Load rating representing maximum allowable weight of people and cargo after ARC Weight and options are applied.

*3: ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

*4: When an ARC is installed, the Max Cargo capacity must be considered by the calculation for Max C.

The CG_{hb} can be approximated using the following formula:

$$CG_{hb} = \frac{W_{rb} \times WB}{W_b}$$

The Max C can be approximated using the following formula:

$$Max\ C = \frac{(FR\ GAWR - W_{FO} - P_f) \times WB}{WB - CG_{hb}}$$

After calculating Max C, GVW can be confirmed using the following formula:

$$GVW = W_c + W_b + Max\ C + P$$

If GVW is greater than GVWR, then Max C **must be reduced**

FMVSS/CMVSS 126 Electronic Stability Control Systems and FMVSS/CMVSS 135 Light Vehicle Brake Systems

For Body Builder's use and applicable to FMVSS/CMVSS 126 (1) and 135 (2), the vertical vehicle center of gravity location can be approximated by following the formula below:

$$(1) CG_v = \frac{CG_{vc} W_c + CG_{vb} W_b}{W_c + W_b}$$

$$(2) CG_v = \frac{CG_{vc} W_c + CG_{vb} W_b + CG_{vp} W_p}{W_c + W_b + W_p}$$

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FMVSS AND CMVSS REGULATION LIST**Standards**

For FMVSS standards, refer to the following website:

<https://www.nhtsa.gov/laws-regulations/fmvss>

For CMVSS standards, refer to the following website:

www.tc.gc.ca/eng/acts-regulations/regulations-crc-c1038.htm

PRECAUTIONS

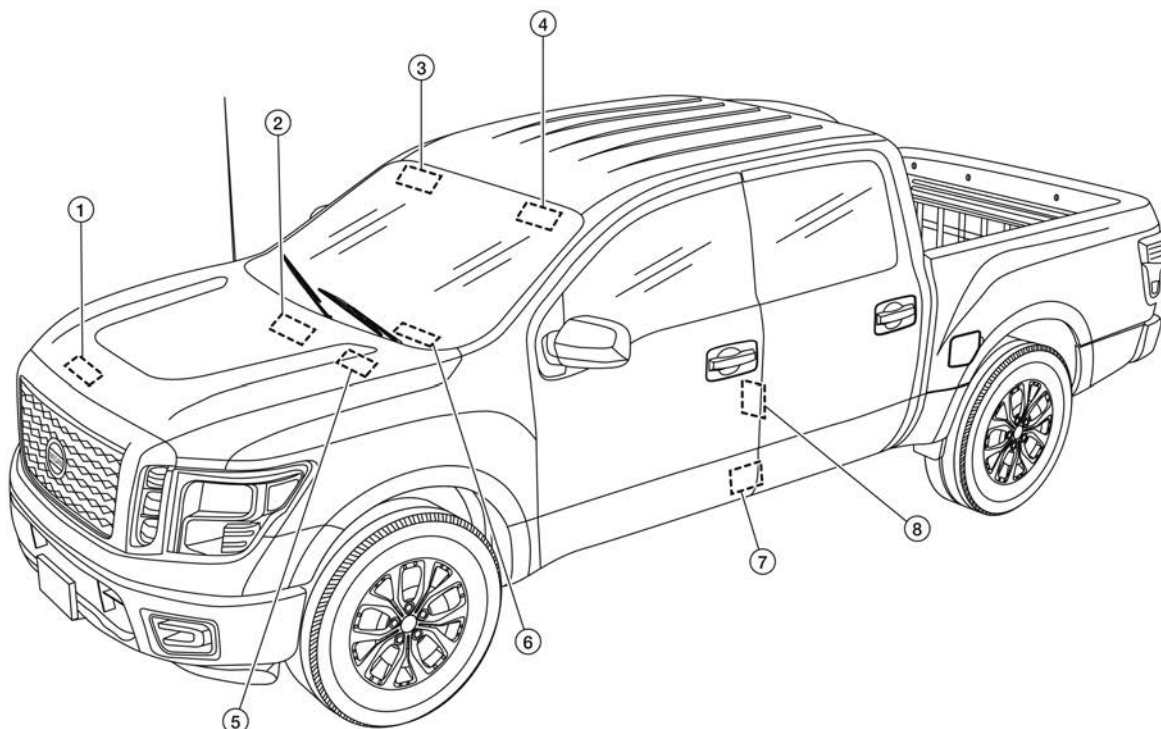
Precautions For Electrical CAN (Controller Area Network) System

- Do not modify the CAN system.
- For additional information and identification of CAN system, refer to the Service Manual or contact Nissan Commercial and Fleet Aftermarket Engineering 1 (855) 651-6655 or by E-mail at Nissan-AET@Nissan-USA.COM.

MODEL INFORMATION

LABEL INFORMATION

Identification Number



TGAZIA0004ZZ

Crew cab shown, single cab and King Cab® locations are the same except as indicated below.

- | | | |
|--|--|--|
| 1. Air conditioning specification label | 2. Vehicle identification number (Chassis number) | 3. SRS air bag warning label |
| 4. SRS air bag warning label | 5. Emission control information label | 6. Vehicle identification number (VIN) plate |
| 7. Single Cab*: Tire and loading information label
Except Single Cab: FMVSS/CMVSS Certification Label | 8. Single Cab*: FMVSS/CMVSS Certification Label
Except Single Cab: Tire and loading information label | |

*: Single Cab models available for model years 2017-2019 only.

VEHICLE CODING INFORMATION

Vehicle Identification

Vehicle Identification Number Arrangement

Position	Character	Qualifier	Definition
1	1N6	Manufacturer	1N6: Nissan Truck (NNA, Inc.)
2			
3			
4	A	Engine type	A: VK56VD (5.6L)
5	A1	Vehicle line	A1: A61-TITAN
6			
7	E	Body type	C: King Cab® (Medium Wheelbase) E: Crew Cab (Medium Wheelbase) R: Single Cab (Medium Wheelbase)
8* ¹	K	Restraint system	5: 4WD, 4 wheel ABS, Class F + Restraint System. 5 Seating Capacity (2+3). (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags. (2nd Row Center): 3-Point Manual Belt.
			6: 2WD, 4 wheel ABS, Class F + Restraint System. 5 Seating Capacity (2+3). (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags. (2nd Row Center): 3-Point Manual Belt.
			7: 2WD, 4 wheel ABS, Class F + Restraint System. 3 Seating Capacity. (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags. (1st Row Center): 2-Point Manual Lap Belt.
			8: 4WD, 4 wheel ABS, Class F + Restraint System. 3 Seating Capacity. (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags. (1st Row Center): 2-Point Manual Lap Belt.

Position	Character	Qualifier	Definition
8* ¹	K	Restraint system	C: 4WD, 4 wheel ABS, Class F + Restraint System. 6 Seating Capacity, (3+ 3) (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags, Curtain Side Air Bags and Knee Air Bags. (1st Row Center): 2-Point Manual Lap Belt. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags, (2nd Row Center): 3-Point Manual Belt.
			D: 4WD, 4 wheel ABS, Class F + Restraint System. 5 Seating Capacity (2+3). (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags, Curtain Side Air Bags and Knee Air Bags. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags. (2nd Row Center): 3-Point Manual Belt.
			E: 2WD, 4 wheel ABS, Class F + Restraint System. 6 Seating Capacity, (3+ 3) (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags, Curtain Side Air Bags and Knee Air Bags. (1st Row Center): 2-Point Manual Lap Belt. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags, (2nd Row Center): 3-Point Manual Belt.
			F: 2WD, 4 wheel ABS, Class F + Restraint System. 5 Seating Capacity (2+3). (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags, Curtain Side Air Bags and Knee Air Bags. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags. (2nd Row Center): 3-Point Manual Belt.
			G: 2WD, 4 wheel ABS, Class F + Restraint System. 3 Seating Capacity, (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags, Curtain Side Air Bags and Knee Air Bags. (1st Row Center): 2-Point Manual Lap Belt.

VEHICLE CODING INFORMATION

[MODEL INFORMATION]

Position	Character	Qualifier	Definition
8* ¹	K	Restraint system	H: 4WD, 4 wheel ABS, Class F + Restraint System. 3 Seating Capacity, (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags, Curtain Side Air Bags and Knee Air Bags. (1st Row Center): 2-Point Manual Lap Belt.
			J: 4WD, 4 wheel ABS, Class F + Restraint System. 6 Seating Capacity, (3+ 3) (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags. (1st Row Center): 2-Point Manual Lap Belt. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags, (2nd Row Center): 3-Point Manual Belt.
			K: 2WD, 4 wheel ABS, Class F + Restraint System. 6 Seating Capacity, (3+ 3) (Driver and Passenger): 3-Point Manual Belts, Frontal Air Bags, Side Air Bags and Curtain Side Air Bags. (1st Row Center): 2-Point Manual Lap Belt. (2nd Row Outboard): 3-Point Manual Belts and Curtain Side Air Bags, (2nd Row Center): 3-Point Manual Belt.
9	*2	Check digit	*2: (0 to 9 or X) The code for the check digit is determined by a mathematical computation.
10	H	Model year	H: 2017 J: 2018 K: 2019 L: 2020 M: 2021 N: 2022 P: 2023 R: 2024
11	N	Manufacturing plant	N: Canton, Mississippi
12	XXXXXX	Vehicle serial number	Chassis number
13			
14			
15			
16			
17			

*1: 5, 6, 7, 8, C, D, E, F, G, H, J, or K character in this position indicates a TITAN (TTN) vehicle.

CLASS

Model Code Arrangement (2017-2019 Model Years)

Position	Character	Qualifier	Definition
1	C	Body type	A: Single Cab
			B: King Cab®
			C: Crew Cab
2	PK	Engine	PK: VK56VD (5.6L)
4	3	Axle	3: 2WD MWB
			7: 4WD MWB
5	L	Drive	L: LH
6	R	Grade	M: S Base seat delete
			P: SV Base seat delete
			R: S Base
			S: SV Comfort and convenience
			T: SV Base
			U: Pro-4X Base
			V: SL Base
			X: SV Comfort and convenience seat delete
			Y: Platinum
7	S	Transmission	S: 7A/T
8	A61	Model	A61: TITAN
9			
10			
11	D	Intake	D: Gasoline
12	U	Zone	U: USA
			N: Canada
13	5	Equipment	2: 150 – 2 passenger
			3: 150 – 3 passenger
			5: 150 – 5 passenger
			6: 150 – 6 passenger
14	XXXXX	Option Codes	Option Codes
15			
16			
17			
18			

Model Variation - 2WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	7A/T	USA	S	CPK3LRS-DU6
				SV Base	CPK3LTS-DU6
				SV Comfort and convenience	CPK3LSS-DU5
				SL	CPK3LVS-DU5
				Platinum	CPK3LYS-DU5
King Cab®				S Base	BPK3LRS-DU6
				S Seat delete	BPK3LMS-DU6
				SV Base	BPK3LTS-DU6
				SV Base seat delete	BPK3LPS-DU6
				SV Comfort and convenience	BPK3LSS-DU5
				SV Comfort and convenience seat delete	BPK3LXS-DU5
				Single Cab	S
SV Base					APK3LTS-DU3
Canada			S		APK3LRS-DN3

CLASS

[MODEL INFORMATION]

Model Variation - 4WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	7A/T	USA	S	CPK7LRS-DU6
				SV Base	CPK7LTS-DU6
				SV Comfort and convenience	CPK7LSS-DU5
				SL	CPK7LVS-DU5
				Pro-4X	CPK7LUS-DU5
				Platinum	CPK7LYS-DU5
			Canada	S	CPK7LRS-DN6
				SV Base	CPK7LTS-DN6
				SV Comfort and convenience	CPK7LSS-DN5
				SL	CPK7LVS-DN5
				Pro-4X	CPK7LUS-DN5
				Platinum	CPK7LYS-DN5
King Cab®			USA	S Base	BPK7LRS-DU6
				S Seat delete	BPK7LMS-DU6
				SV Base	BPK7LTS-DU6
				SV Base seat delete	BPK7LPS-DU6
				SV Comfort and convenience	BPK7LSS-DU5
				SV Comfort and convenience seat delete	BPK7LXS-DU5
	Pro-4X	BPK7LUS-DU5			
	Canada	S Base		BPK7LRS-DN6	
		S Seat delete		BPK7LMS-DN6	
		SV Base		BPK7LTS-DN6	
		SV Base seat delete		BPK7LPS-DN6	
		SV Comfort and convenience		BPK7LSS-DN5	
		SV Comfort and convenience seat delete		BPK7LXS-DN5 (2017 model year only)	
		Pro-4X		BPK7LUS-DN5	
Single Cab	USA	S	APK7LRS-DU3		
		SV Base	APK7LTS-DU3		
	Canada	SV Base	APK7LTS-DN3		

Model Code Arrangement (2020 Model Year)

Position	Character	Qualifier	Definition
1	C	Body type	B: King Cab®
			C: Crew Cab
2	PK	Engine	PK: VK56VD (5.6L)
4	3	Axle	3: 2WD MWB
			7: 4WD MWB
5	L	Drive	L: LH
6	R	Grade	A: S Base
			B: SV Base
			C: SV Comfort and convenience
			D: Pro-4X Base
			E: SL Base
			F: Platinum
7	2	Transmission	2: 9A/T
8	A61	Model	A61: TITAN
9			
10			
11	D	Intake	D: Gasoline
12	U	Zone	U: USA
			N: Canada
13	5	Equipment	5: 5 passenger
			6: 6 passenger
14	XXXXX	Option Codes	Option Codes
15			
16			
17			
18			

Model Variation - 2WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	S Base	CPK3LA2-DU6
				SV Base	CPK3LB2-DU6
				SV Comfort and convenience	CPK3LC2-DU5
				SL Base	CPK3LE2-DU5
				Platinum	CPK3LF2-DU5
King Cab®				S Base	BPK3LA2-DU6
				SV Base	BPK3LB2-DU6
				SV Comfort and convenience	BPK3LC2-DU5

Model Variation - 4WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	S Base	CPK7LA2-DU6
				SV Base	CPK7LB2-DU6
				SV Comfort and convenience	CPK7LC2-DU5
				SL Base	CPK7LE2-DU5
				Pro-4X	CPK7LD2-DU5
				Platinum	CPK7LF2-DU5
Crew Cab	VK56VD (5.6L)	9A/T	Canada	S Base	CPK7LA2-DN6
				SV Base	CPK7LB2-DN6
				SV Comfort and convenience	CPK7LC2-DN5
				SL Base	CPK7LE2-DN5
				Pro-4X	CPK7LD2-DN5
				Platinum	CPK7LF2-DN5
King Cab®	VK56VD (5.6L)	9A/T	USA	S Base	BPK7LA2-DU6
				SV Base	BPK7LB2-DU6
				SV Comfort and convenience	BPK7LC2-DU5
				Pro-4X	BPK7LD2-DU5

Model Code Arrangement (2021 Model Year)

Position	Character	Qualifier	Definition
1	C	Body type	B: King Cab®
			C: Crew Cab
2	PK	Engine	PK: VK56VD (5.6L)
4	3	Axle	3: 2WD MWB
			7: 4WD MWB
5	L	Drive	L: LH
6	R	Grade	A: S Base
			B: SV Base
			C: SV Convenience
			D: Pro-4X Base
			E: SL Base
			F: Platinum Reserve
7	2	Transmission	2: 9A/T
8	A61	Model	A61: TITAN
9			
10			
11	D	Intake	D: Gasoline
12	U	Zone	U: USA
			N: Canada
13	5	Equipment	5: 5 passenger
			6: 6 passenger
14	XXXXX	Option Codes	Option Codes
15			
16			
17			
18			

Model Variation - 2WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	S Base	CPK3LA2-DU6
				SV Base	CPK3LB2-DU6
				SV Convenience	CPK3LC2-DU5
				SL Base	CPK3LE2-DU5
				Platinum Reserve	CPK3LF2-DU5
King Cab®				S Base	BPK3LA2-DU6
				SV Base	BPK3LB2-DU6
				SV Convenience	BPK3LC2-DU5

Model Variation - 4WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	S Base	CPK7LA2-DU6
				SV Base	CPK7LB2-DU6
				SV Convenience	CPK7LC2-DU5
				SL Base	CPK7LE2-DU5
				Pro-4X	CPK7LD2-DU5
				Platinum Reserve	CPK7LF2-DU5
			Canada	S Base	CPK7LA2-DN6
				SV Base	CPK7LB2-DN6
				SV Convenience	CPK7LC2-DN5
				SL Base	CPK7LE2-DN5
				Pro-4X	CPK7LD2-DN5
				Platinum Reserve	CPK7LF2-DN5
King Cab®			USA	S Base	BPK7LA2-DU6
				SV Base	BPK7LB2-DU6
				SV Convenience	BPK7LC2-DU5
				Pro-4X	BPK7LD2-DU5

Model Code Arrangement (2022–2023 Model Years)

Position	Character	Qualifier	Definition
1	C	Body type	B: King Cab®
			C: Crew Cab
2	PK	Engine	PK: VK56VD (5.6L)
4	3	Axle	3: 2WD MWB
			7: 4WD MWB
5	L	Drive	L: LH
6	A	Grade	A: S Base
			B: SV Base
			C: SV Convenience
			D: Pro-4X Base
			F: Platinum Reserve
7	2	Transmission	2: 9A/T
8	A61	Model	A61: TITAN
9			
10			
11	D	Intake	D: Gasoline
12	U	Zone	U: USA
13	5	Equipment	5: 5 passenger
			6: 6 passenger
14	XXXXX	Option Codes	Option Codes
15			
16			
17			
18			

Model Variation - 2WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	S Base	CPK3LA2-DU6
				SV Base	CPK3LB2-DU6
				SV Convenience	CPK3LC2-DU5
				Platinum Reserve	CPK3LF2-DU5
King Cab®				S Base	BPK3LA2-DU6
				SV Base	BPK3LC2-DU5

Model Variation - 4WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	S Base	CPK7LA2-DU6
				SV Base	CPK7LB2-DU6
				SV Convenience	CPK7LC2-DU5
				Pro-4X	CPK7LD2-DU5
				Platinum Reserve	CPK7LF2-DU5
King Cab®			USA	S Base	BPK7LA2-DU6
				SV Base	BPK7LC2-DU5

Model Code Arrangement (2024 Model Year)

Position	Character	Qualifier	Definition
1	C	Body type	B: King Cab®
			C: Crew Cab
2	PK	Engine	PK: VK56VD (5.6L)
4	3	Axle	3: 2WD MWB
			7: 4WD MWB
5	L	Drive	L: LH
6	B	Grade	B: SV Base
			C: SV Convenience
			D: Pro-4X Base
			F: Platinum Reserve
7	2	Transmission	2: 9A/T
8	A61	Model	A61: TITAN
9			
10			
11	D	Intake	D: Gasoline
12	U	Zone	U: USA
13	5	Equipment	5: 5 passenger
			6: 6 passenger
14	XXXXX	Option Codes	Option Codes
15			
16			
17			
18			

Model Variation - 2WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	SV Base	CPK3LB2-DU6
				SV Convenience	CPK3LC2-DU5
				Platinum Reserve	CPK3LF2-DU5

Model Variation - 4WD (VK56VD [5.6L])

Body	Engine	Transmission	Destination	Grade	Model
Crew Cab	VK56VD (5.6L)	9A/T	USA	SV Base	CPK7LB2-DU6
				SV Convenience	CPK7LC2-DU5
				Pro-4X	CPK7LD2-DU5
				Platinum Reserve	CPK7LF2-DU5
King Cab			USA	SV Base	BPK7LC2-DU5

GVWR/TOWING CAPACITY

Gross Vehicle Weight Rating (GVWR) is the weight specified by Nissan as the maximum allowable weight for the loaded vehicle.

The GVW of the towing vehicle must not exceed the Gross Vehicle Weight Rating (GVWR) shown on the FMVSS/CMVSS Certification Label. The GVW equals the combined weight of the unloaded vehicle, passengers, luggage, hitch, trailer tongue load and any other optional equipment. In addition, front or rear GAW must not exceed the Gross Axle Weight Rating (GAWR) shown on the FMVSS/CMVSS Certification Label.

Determining Available Towing Capacity

Towing capacities are calculated assuming a base vehicle with driver and any options, modifications, and additional equipment. Additional passengers, cargo and/or optional equipment, such as the trailer hitch, will add weight to the vehicle and reduce the vehicle's maximum towing capacity and trailer tongue weight.

The vehicle and trailer need to be weighed to confirm the vehicle is within the GVWR, front GAWR, rear GAWR, Gross Combined Weight Rating (GCWR) and towing capacity.

All vehicle and trailer weights can be measured using platform-type scales commonly found at truck stops, highway weigh stations, building supply centers or salvage yards.

To determine the available payload capacity for tongue weight, use the following procedure:

1. Locate the GVWR on the [FMVSS/CMVSS Certification Label](#). (pg. 144)
2. Weigh the vehicle on the scale with all of the passengers and cargo that are normally in the vehicle when towing a trailer.
3. Subtract the actual vehicle weight from the GVWR. The remaining amount is the available maximum tongue weight.

To determine the available towing capacity, use the following procedure:

1. Find the GCWR for the vehicle. Refer to the appropriate Weights chart in the Resource Charts section of this manual:
[RESOURCE CHARTS](#) (pg. 203)
2. Subtract the actual vehicle weight from the GCWR. The remaining amount is the available maximum towing capacity.

To determine the Gross Trailer Weight, weigh the trailer on a scale with all equipment and cargo that are normally in the trailer when it is towed. Make sure the Gross Trailer Weight is not more than the Gross Trailer Weight Rating shown on the trailer and is not more than the calculated available maximum towing capacity.

Also, weigh the front and rear axles on the scale to make sure the Front Gross Axle Weight and Rear Gross Axle Weight are not more than Front Gross Axle Weight and Rear Gross Axle Weight on the FMVSS/CMVSS Certification Label. The cargo in the trailer and vehicle may need to be moved or removed to meet the specified ratings.

Examples:

- Gross Vehicle Weight (GVW) as weighed on a scale - including passengers, cargo and hitch - 3,540 kg (7,804 lbs).
- Gross Vehicle Weight Rating (GVWR) from FMVSS/CMVSS Certification Label - 4,078 kg (8,990 lbs).
- Gross Combined Weight Rating (GCWR) from Resource Chart - 8,822 kg (19,450 lbs).
- Maximum Trailer towing capacity from Resource Chart - 4,173 kg (9,200 lbs).

GVWR	4,078 kg (8,990 lbs)
- GVW	- 3,540 kg (7,804 lbs)
<hr/>	
= Available for tongue weight	= 538 kg (1,186 lbs)
GCWR	8,822 kg (19,450 lbs)
- GVW	- 3,540 kg (7,804 lbs)
<hr/>	
= Capacity available for towing	= 5,282 kg (11,644 lbs)
Available tongue weight	538 kg (1,186 lbs)
÷ Available capacity	÷ 5,282 kg (11,644 lbs)
<hr/>	
Tongue weight = 10%	

The available towing capacity may be less than the maximum towing capacity due to the passenger and cargo load in the vehicle.

Remember to keep trailer tongue weight between 10 - 15% of the trailer weight or within the trailer tongue weight specification recommended by the trailer manufacturer. If the tongue weight becomes excessive, rearrange the cargo to obtain the proper tongue weight. Do not exceed the maximum tongue weight specification shown in the Resource Chart, even if the calculated available tongue weight is greater than 15%. If the calculated tongue weight is less than 10%, shift the trailer load forward until the trailer tongue weight reaches 10% of the trailer weight.

Always verify that available capacities are within the required ratings.

TRUCK OPTION MASS — 2017 MODEL YEAR

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Convenience and Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	King Cab®: 22.24 (49.03) Except King Cab®: 32.43 (71.51)	King Cab®: -1.76 (-3.88) Except King Cab®: -2.78 (-6.130)	King Cab®: 24.00 (52.91) Except King Cab®: 35.21 (77.66)
SV Comfort and Convenience Package <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console (Except Single Cab) 110V in Back of Center Console and 12v in Center Console (Except Single Cab) 8-way Power Driver's Seat (Except Single Cab) Driver Seat Power Lumbar (Except Single Cab) Rear HVAC vents (Except Single Cab) Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Rear View Monitor Power Slide Rear Window with Defogger (Except Single Cab) Auto On/Off Headlights Auto-dimming Rearview Mirror with Universal Garage Door Opener and Compass Blind Spot Warning with Rear Cross Traffic Alert and Painted Rear Bumper Step Rails (Accessories) Auto Dual Zone HVAC Fog Lamp Chrome Interior Door Locks Rain-Sensing Wipers NissanConnectSM with Navigation and Mobile Apps (Except Single Cab) Nissan Navigation System with Voice Guidance (Except Single Cab) 7" Color Touch-screen Display (Except Single Cab) SiriusXM Traffic (Except Single Cab) SiriusXM Travel Link™ (Weather, Fuel prices, Movie listings and Stock Info) (Except Single Cab) Siri® Eyes Free (Except Single Cab) Nissan Voice Recognition for Navigation and Audio (Except Single Cab) Front Driver and Passenger Seat Heaters (Except Single Cab) Receiver Hitch 7-pin wiring harness connector (Rear Bumper) Convex Spotter Mirror 	Crew Cab: 41.11 (90.65) King Cab®: 34.22 (75.44) Single Cab: 42.35 (93.36)	Crew Cab: 7.96 (17.55) King Cab®: 11.46 (25.26) Single Cab: 10.96 (24.16)	Crew Cab: 33.15 (73.10) King Cab®: 22.76 (50.18) Single Cab: 31.40 (69.22)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Convenience Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending with Heat and puddle) Trailer Brake Controller Puddle Lamps Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) 	716 (15.79)	King Cab®: 7.73 (17.04) Except King Cab®: 7.40 (16.32)	King Cab®: -0.57 (-1.26) Except King Cab®: -0.24 (-0.529)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Storage Box in 2nd Row (Accessories) (Crew Cab Only) Molded Plate Keys (x2) 	Crew Cab: 39.52 (87.14) King Cab®: 38.54 (85.00) Single Cab: 35.44 (78.13)	Crew Cab: 2.20 (4.85) King Cab®: 2.92 (6.44) Single Cab: 1.95 (4.30)	Crew Cab: 37.32 (82.29) King Cab®: 35.62 (78.53) Single Cab: 33.49 (73.83)
SV Leather Package (Crew Cab Only): <ul style="list-style-type: none"> Leather Captains Seats 4-way Power Assist Seat 	2.00 (4.41)	1.14 (2.51)	0.86 (1.90)
SV Texas TITAN Edition (Except Single Cab): <ul style="list-style-type: none"> Texas TITAN Grille Texas TITAN Wheels Texas TITAN Kick Plates Texas TITAN Badging 	Crew Cab: 3.10 (6.84) King Cab®: 3.27 (7.21)	Crew Cab: 2.21 (4.87) King Cab®: 1.68 (3.70)	Crew Cab: 0.88 (1.94) King Cab®: 1.59 (3.50)
PRO-4X Utility and Tow Package (Except Single Cab): <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window with Defogger Premium Audio (12 Speakers Total) Rockford Fosgate Branding, Amplifier, Underseat Subwoofer and Center Channel Speaker and Fr Tweeters and Rr Tweeters Electronic Locking Tailgate (Accessories) Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Tow Mirrors (Manually Extending/folding, with Puddle lamp) Proximity Activation; Puddle Lamps, LED Signature Headlamps, Cargo Lamp Rear Utility Bed Step (Accessories) 	Crew Cab: 35.66 (78.63) King Cab®: 34.33 (75.68)	Crew Cab: 10.61 (23.40) King Cab®: 8.38 (18.47)	Crew Cab: 25.05 (55.24) King Cab®: 25.95 (57.21)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package (Except Single Cab): <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats (crew cab only) Power Tilt/Telescoping Steering Wheel with Memory Compass on NAVI Display NissanConnect Services Powered by SiriusXM Navigation, Mobile Apps and Services, and Remote Engine Start/Stop Auto dimming outside mirror (DR and AS) Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Memory driver seat with auto entry/exit feature UGDO, Auto Dimming Rearview Mirror Telematics (King Cab® Only) 	Crew Cab: 724 (15.96) King Cab®: 6.25 (13.78)	Crew Cab: 4.79 (10.56) King Cab®: 4.53 (9.99)	Crew Cab: 2.45 (5.40) King Cab®: 1.72 (3.79)
PRO-4X Luxury Package (Except Single Cab): <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Around View Monitor (with moving object detection) Reverse AutoTilt 	2.71 (5.98)	1.49 (3.29)	1.22 (2.69)
SL Towing Convenience Package (Crew Cab Only): <ul style="list-style-type: none"> Tow Mirrors (Manually Extending and Fold) Trailer Brake Controller Trailer Light Function Check (included on Key Fob) Front Tow Hooks (black) (2wd) 	7.16 (15.79)	7.40 (16.32)	-0.24 (-0.529)
SL Chrome Package (Crew Cab Only) SV Chrome Package (King Cab® Only): <ul style="list-style-type: none"> 20" Chrome Wheels Kick Plates (accessory) Chrome Exhaust Tail Tip Chrome Front Grille (inner and outer) 	0.09 (0.19)	-0.11 (-0.24)	0.20 (0.44)
Platinum Reserve Rear DVD Entertainment Package (Crew Cab Only): <ul style="list-style-type: none"> Headrest DVD Entertainment System Wireless Headphones (Pair) 	3.34 (7.36)	1.90 (4.19)	1.44 (3.18)
Platinum Reserve Bed Utility Package (Crew Cab Only): <ul style="list-style-type: none"> TITAN Box (Accessories) Electronic Locking Tailgate (Accessories) Rear Utility Bed Step (Accessories) 	32.18 (70.96)	-1.73 (-3.815)	33.91 (74.77)
Monotone Paint Package (Crew Cab Only): <ul style="list-style-type: none"> 18" Alloy Wheels with Painted Dark Finish 275/70/R18 OWL All-terrain Off-road Tire Bilstein Off-Road Shock Absorbers (Silver) Removed Front Chin Spoiler / Air Dam 	This option package does not affect vehicle mass.		

TRUCK OPTION MASS — 2017 MODEL YEAR

[MODEL INFORMATION]

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Accessory Wheels (Crew Cab Only): <ul style="list-style-type: none"> 20" Accessory Wheels 	144.10 (317.74)	72.05 (158.87)	72.05 (158.87)
Accessory Grille (Crew Cab Only): <ul style="list-style-type: none"> Accessory Grille 	-0.21 (-0.463)	-0.26 (-0.573)	0.05 (0.11)
Off Road Package (SL) (Crew Cab Only): <ul style="list-style-type: none"> 18" Alloy Wheels with Painted Dark Finish 275/70/R18 OWL All-terrain Off-road Tire Bilstein Off-Road Shock Absorbers (Silver) Removed Front Chin Spoiler / Air Dam 	This option package does not affect vehicle mass.		
Off Road Package (Platinum) (Crew Cab Only): <ul style="list-style-type: none"> 18" Alloy Wheels with Painted Dark Finish 275/70/R18 OWL All-terrain Off-road Tire Bilstein Off-Road Shock Absorbers (Silver) Removed Front Chin Spoiler / Air Dam 	This option package does not affect vehicle mass.		
King Cab® Seat Delete: <ul style="list-style-type: none"> Delete Rear Seat Delete Rear Heater Duct Delete Rear Roof-Mounted Assist Grips (replaced with Coat Hanger) Delete Under Seat Storage (with SV Utility Package only) Delete Captains Chairs (Replace with Bench Seat) Delete Center Console, 110v Outlet, 12v In-Console Outlet, and Rear A/C Vents Add Rear Flat Load Floor Add Rear Wall Finisher with Tie-Down Hooks 	-28.36 (-62.52)	-10.22 (-22.53)	-18.14 (-39.99)

TRUCK OPTION MASS — 2018 MODEL YEAR

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	Single Cab: 32.435 (71.5) King Cab®: 29.44 (64.9) Crew Cab: 28.84 (63.58)	Single Cab: -2.78 (-6.12) King Cab®: -3.834 (-8.45) Crew Cab: -4.344 (-9.57)	Single Cab: 35.21 (77.62) King Cab®: 33.268 (7734) Crew Cab: 33.178 (73.14)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console (C/C; K/C Only) 110V in Back of Center Console and 12v in Center Console (C/C; K/C Only) 8-way Power Driver's Seat (C/C; K/C Only) Receiver Hitch 4-pin/7-pin wiring harness connector (Rear Bumper) Front Driver and Passenger Seat Heaters (C/C; K/C Only) Power Slide Rear Window with Defogger (C/C; K/C Only) Driver Seat Power Lumbar (C/C; K/C Only) Rear HVAC vents (C/C; K/C Only) Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto On/Off Headlights Blind Spot Warning with Rear Cross Traffic Alert and Painted Rear Bumper Auto Dual Zone HVAC Chrome Interior Door Locks (C/C; K/C Only) Rain-Sensing Wipers NissanConnect® with Navigation and Mobile Apps (C/C; K/C Only) Nissan Navigation System with Voice Guidance 7" Color Touch-screen Display SiriusXM® Traffic SiriusXM Travel Link® (Weather, Fuel prices, Movie listings and Stock Info) Siri® Eyes Free Nissan Voice Recognition for Navigation and Audio NissanConnect® Mobile Apps Front Driver and Passenger Seat Heaters (C/C; K/C Only) Convex Spotter Mirror 	Single Cab: 16.63 (36.66) King Cab®: 7.459 (16.44) Crew Cab: 8.064 (17.778)	Single Cab: -3.854 (-8.496) King Cab®: -9.219 (-20.32) Crew Cab: -8.846 (-19.505)	Single Cab: 20.476 (45.14) King Cab®: 16.67 (36.75) Crew Cab: 16.902 (37.26)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending with Heat and puddle) Trailer Brake Controller Puddle Lamps Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) 	All Cabs: 7.159 (15.78)	All Cabs: 7.403 (16.32)	All Cabs: -0.244 (-0.537)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Storage Box in 2nd Row (ACCY) (C/C; K/C Only) Molded Plate Keys (x2) (C/C; K/C Only) Universal Garage Door Opener in Rearview Mirror 	Single Cab: 35.939 (79.246) King Cab®: 39.037 (86.077) Crew Cab: 40.019 (88.242)	Single Cab: 2.385 (5.259) King Cab®: 3.353 (7.393) Crew Cab: 2.635 (5.81)	Single Cab: 33.554 (73.987) King Cab®: 35.684 (78.683) Crew Cab: 37.384 (82.432)
Leather Package (C/C Only): <ul style="list-style-type: none"> Leather Front and Rear Seats (C/C Only) 4-way Power Assist Seat (C/C Only) 	2.00 (4.41)	1.14 (2.51)	0.86 (1.895)
Texas TITAN Edition, SV (C/C; K/C Only): <ul style="list-style-type: none"> Chrome Grille (Inner and Outer) 20" Chrome Wheels Metallic Kick Plates (ACCY) Texas TITAN Badging (ACCY) Texas TITAN Floor Mats (ACCY) Chrome Exhaust Tail Tip 	4.7 (10.3)	2.35 (5.18)	2.35 (5.18)
Texas TITAN Edition, SL (C/C Only): <ul style="list-style-type: none"> Chrome Grille (Inner and Outer) 20" Chrome Wheels Metallic Kick Plates (ACCY) Texas TITAN Badging (ACCY) Texas TITAN Floor Mats (ACCY) Chrome Exhaust Tail Tip 	0.3 (0.6)	0.15 (0.33)	0.15 (0.33)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Utility Package: <ul style="list-style-type: none"> • Parking Sensors (Front and Rear) • Utilitrack System with 4 Tie Down Cleats • Tailgate Area Illumination • 110v Outlet in Bed • LED Under Rail Bed Lighting • Power Slide Rear Window with Defogger • Premium Audio (12 Speakers Total) • Rockford Fosgate Branding, Amplifier, Underseat Subwoofer and Center Channel Speaker and Fr Tweeters and Rr Tweeters • Electronic Locking Tailgate (C/C; K/C Only) (ACCY) • Rear Utility Bed Step (C/C; K/C Only) (ACCY) • Trailer Brake Controller • Trailer Light Check Function (Included on Key Fob) • Tow Mirrors (Manually Extending/folding, with Puddle lamp and Heat) • Proximity Activation; Puddle Lamps, LED Signature Headlamps, Cargo Lamp 	King Cab®: 34.228 (75.459) Crew Cab: 33.01 (72.77)	King Cab®: 8.046 (17.738) Crew Cab: 7.443 (16.41)	King Cab®: 26.183 (57.72) Crew Cab: 25.565 (56.36)
PRO-4X Convenience Package: <ul style="list-style-type: none"> • Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery • 4-way Power Assist Seat • Heated Steering Wheel • Heated Rear Seats (C/C only) • Power Tilt/Telescoping Steering Wheel with Memory • Compass on NAVI Display • NissanConnect® Services Powered by SiriusXM® • Automatic Collision Notification, Emergency Call and Stolen Vehicle Locator • Remote Services including Start/Stop, Lock/Unlock, Flash Lights, Sound Horn, Customizable alerts including Drive Zone, Valet, Curfew and Speed alerts, Maintenance Alerts • Auto dimming outside mirror with Memory (DR and AS) • Heated Driver and Passenger seat • Engine Remote Start Function (included on Key Fob) • Memory Driver Seat with Auto Entry/Exit Feature • UGDO, Auto Dimming Rearview Mirror 	King Cab®: 6.14 (13.53) Crew Cab: 7.24 (15.96)	King Cab®: 4.433 (9.77) Crew Cab: 4.785 (10.549)	King Cab®: 1.704 (3.75) Crew Cab: 2.452 (5.41)
Premium Package: <ul style="list-style-type: none"> • Driver and Passenger Ventilated Seats • Intelligent Around View Monitor (I-AVM) • Reverse AutoTilt 	Crew Cab and King Cab®: 2.71 (5.97)	Crew Cab and King Cab®: 1.495 (3.295)	Crew Cab and King Cab®: 1.215 (2.678)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SL Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending/Fold) with Memory and Dr/As Auto Dim Trailer Brake Controller Trailer Light Function Check (included on Key Fob) Front Tow Hooks (black) (2wd) 	Crew Cab and King Cab® 7.159 (15.78)	Crew Cab and King Cab® 7.403 (16.32)	Crew Cab and King Cab® -0.244 (-0.537)
Chrome Package, SV (C/C; K/C Only): <ul style="list-style-type: none"> 20" Chrome Wheels Kick Plates (ACCY) Chrome Exhaust Tail Tip Chrome Front Grille (Inner and Outer) 	4.7 (10.3)	2.35 (5.18)	2.35 (5.18)
Chrome Package, SL (C/C Only): <ul style="list-style-type: none"> 20" Chrome Wheels Kick Plates (ACCY) Chrome Exhaust Tail Tip Chrome Front Grille (Inner and Outer) 	0.3 (0.6)	0.15 (0.33)	0.15 (0.33)
Nissan Mobile Entertainment System Package: <ul style="list-style-type: none"> Headrest DVD Entertainment System Wireless Headphones (Pair) Remote Control 	Crew Cab: 3.34 (7.36)	Crew Cab: 2.015 (4.44)	Crew Cab: 1.325 (2.92)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box (ACCY) Electronic Locking Tailgate (ACCY) Rear Utility Bed Step (ACCY) 	Crew Cab: 32.179 (70.94)	Crew Cab: -1.734 (-3.82)	Crew Cab: 33.913 (74.76)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
SL Midnight Edition: <ul style="list-style-type: none"> Body Color Front Grille with Dark Insert Dark Headlamps Black Fog Lamp Finisher Black Exterior Badging Black Mirrors Black Door Handles 20" Accessory Wheels Body Color Front and Rear Bumper Black Step Rails Charcoal Interior Trim "Midnight Edition" Floor Mats "Midnight Edition" Exterior Badge 	Crew Cab: 16.727 (36.876)	Crew Cab: 8.568 (18.889)	Crew Cab: 8.159 (17.987)
Accessory Wheels: <ul style="list-style-type: none"> 20" Accessory Wheels 	Crew Cab: 12.3 (27.1)	Crew Cab: 6.15 (13.55)	Crew Cab: 6.15 (13.55)
Accessory Grille: <ul style="list-style-type: none"> Accessory Grille 	Crew Cab: -0.209 (-0.461)	Crew Cab: -0.258 (-0.568)	Crew Cab: 0.049 (0.108)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Off Road Package: <ul style="list-style-type: none"> 18" Alloy Wheels with Painted Dark Finish 275/70/R18 OWL All-terrain Off-road Tire Bilstein Off-Road Shock Absorbers (Silver) Removed Front Chin Spoiler / Air Dam 	Crew Cab: 8 (17.6)	Crew Cab: 3.424 (7.548)	Crew Cab: 4.576 (10.088)
King Cab® Seat Delete: <ul style="list-style-type: none"> (-) Rear Seat (-) Rear Heater Duct (-) Rear Roof-Mounted Assist Grips (replaced with Coat Hanger) (-) Under Seat Storage (with SV Utility Package Only) (-) Captains Chairs (Replace with Bench Seat) (-) Center Console, 110v Outlet, 12v In-Console Outlet, and Rear A/C Vents (+) Rear Flat Load Floor (+) Rear Wall Finisher with Tie-Down Hooks 	-41.5 (-91.4)	-17.71 (-39.04)	-23.79 (-52.44)
SV Convenience Package (with King Cab® Seat Delete): <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto On/Off Headlights Auto-dimming Rearview Mirror Blind Spot Warning with Rear Cross Traffic Alert and Painted Rear Bumper Auto Dual Zone HVAC Receiver Hitch 4-pin/7-pin wiring harness connector (Rear Bumper) Convex Spotter Mirror Chrome Interior Door Locks (C/C; K/C Only) Rain-Sensing Wipers (C/C; K/C Only) Power Slide Rear Window with Defogger (C/C; K/C only) NissanConnect® with Navigation and Mobile Apps (C/C; K/C Only) <ul style="list-style-type: none"> Nissan Navigation System with Voice Guidance 7" color Touch screen display SiriusXM® Traffic SiriusXM® Travel Link (Weather, Fuel prices, movie listings, sports scores, and stock info) Siri® Eyes Free Nissan Voice Recognition for navigation and audio NissanConnect® Mobile Apps 	53.41 (117.69)	16.082 (35.461)	37.328 (82.308)

TRUCK OPTION MASS — 2019 MODEL YEAR

US Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	Single Cab: 32.435 (71.5) King Cab®: 29.44 (64.9) Crew Cab: 28.84 (63.58)	Single Cab: -2.78 (-6.12) King Cab®: -3.834 (-8.45) Crew Cab: -4.344 (-9.57)	Single Cab: 35.214 (77.65) King Cab®: 33.268 (77.34) Crew Cab: 33.178 (73.14)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console (C/C; K/C Only) Auto-dimming Rearview Mirror w/ Universal Garage door Opener 110V in Back of Center Console and 12v in Center Console (C/C; K/C Only) 8-way Power Driver's Seat (C/C; K/C Only) Receiver Hitch 4-pin/7-pin wiring harness connector (Rear Bumper) Front Driver and Passenger Seat Heaters (C/C; K/C Only) Power Slide Rear Window with Defogger (C/C; K/C Only) Driver Seat Power Lumbar (C/C; K/C Only) Rear HVAC vents (C/C; K/C Only) Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto On/Off Headlights Blind Spot Warning with Rear Cross Traffic Alert and Painted Rear Bumper Auto Dual Zone HVAC Chrome Interior Door Locks (C/C; K/C Only) Rain-Sensing Wipers NissanConnect® with Navigation featuring Apple CarPlay™ and Android Auto™ <ul style="list-style-type: none"> Nissan Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search and online Premium Traffic information HD Radio SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) Front Driver and Passenger Seat Heaters (C/C; K/C Only) Convex Spotter Mirror 2 USB-A Ports in Back of Center Console 	Single Cab: 16.63 (36.66) King Cab®: 7.459 (16.44) Crew Cab: 8.064 (17.778)	Single Cab: -3.854 (-8.496) King Cab®: -9.219 (-20.32) Crew Cab: -8.846 (-19.505)	Single Cab: 20.476 (45.14) King Cab®: 16.67 (36.75) Crew Cab: 16.902 (37.26)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending with Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) 	All Cabs: 7.159 (15.78)	All Cabs: 7.403 (16.32)	All Cabs: -0.244 (-0.537)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Storage Box in 2nd Row (ACCY) (C/C; K/C Only) Molded Plate Keys (x2) (C/C; K/C Only) 	Single Cab: 35.439 (78.143) King Cab®: 38.537 (84.974) Crew Cab: 39.519 (87.140)	Single Cab: 1.946 (4.291) King Cab®: 2.914 (6.425) Crew Cab: 2.196 (4.842)	Single Cab: 33.493 (73.852) King Cab®: 35.623 (78.549) Crew Cab: 37.327 (82.306)
Leather Package (C/C Only): <ul style="list-style-type: none"> Leather Front and Rear Seats (C/C Only) 4-way Power Assist Seat (C/C Only) 	2.00 (4.41)	1.14 (2.51)	0.86 (1.90)
Texas TITAN Edition (C/C; K/C Only): <ul style="list-style-type: none"> Chrome Grille (Inner and Outer) 20" Chrome Wheels Metallic Kick Plates (ACCY) Texas TITAN Badging (ACCY) Texas TITAN Floor Mats (ACCY) Chrome Exhaust Tail Tip 	King Cab®: 3.46 (7.63) Crew Cab: 4.727 (10.423)	King Cab®: 1.935 (4.267) Crew Cab: 2.568 (5.662)	King Cab®: 1.541 (3.398) Crew Cab: 2.159 (4.761)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio (12 Speakers C/C, 10 speakers K/C) Fender® Branding, Amp, Underseat Subwoofer & Cntr Channel Spkr & Fr/Rr Tweeters Electronic Locking Tailgate (C/C; K/C Only) (ACCY) Rear Utility Bed Step (C/C; K/C Only) (ACCY) Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Tow Mirrors (Manually Extending/folding, with Puddle lamp and Heat) Proximity Activation; Puddle Lamps, LED Signature Headlamps, Cargo Lamp Rear Utility Bed Step (C/C; K/C Only) (ACCY) 	King Cab®: 34.228 (75.473) Crew Cab: 33.01 (72.79)	King Cab®: 8.046 (17.741) Crew Cab: 7.443 (16.412)	King Cab®: 26.183 (57.734) Crew Cab: 25.565 (56.371)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats (C/C only) Power Tilt/Telescoping Steering Wheel with Memory Compass on NAVI Display NissanConnect[®] Services Powered by SiriusXM[®] <ul style="list-style-type: none"> Automatic Collision Notification, Emergency Call and Stolen Vehicle Locator Remote Services including Lock/Unlock, Engine Start/Stop, Horn/Lights Customizable Alerts Including Boundary, Curfew, Speed, Valet Alerts, and Maintenance Alerts Auto dimming outside mirror with Memory (Dr & As) Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Memory Driver seat w/ auto entry/exit feature UGDO, Auto Dimming Rearview Mirror 	King Cab [®] : 5.7 (12.6) Crew Cab: 6.8 (14.9)	King Cab [®] : 3.667 (8.086) Crew Cab: 4.019(8.862)	King Cab [®] : 2.033 (4.483) Crew Cab: 2.781 (6.132)
Premium Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Intelligent Around View Monitor (I-AVM) Reverse AutoTilt Outside Mirrors 	Crew Cab and King Cab [®] : 0.7 (1.5)	Crew Cab and King Cab [®] : 0.4 (0.9)	Crew Cab and King Cab [®] : 0.4 (0.9)
SL Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending/Fold, and Dr/As Auto Dim) Trailer Brake Controller Trailer Light Function Check (included on Key Fob) Front Tow Hooks (black) (2wd) 	Crew Cab 7.159 (15.786)	Crew Cab 7.408 (16.335)	Crew Cab -0.249 (-0.549)
Chrome Package (C/C; K/C Only): <ul style="list-style-type: none"> 20" Chrome Wheels Kick Plates (ACCY) Chrome Exhaust Tail Tip Chrome Front Grille (Inner and Outer) 	0.3 (0.7)	0.15 (0.33)	0.15 (0.33)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box (ACCY) Electronic Locking Tailgate (ACCY) Rear Utility Bed Step (ACCY) 	Crew Cab: 372 (82.0)	Crew Cab: -1.7 (-3.7)	Crew Cab: 38.9 (85.8)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Midnight Edition: <ul style="list-style-type: none"> ▪ Body Color Front Grille w/ Dark Insert ▪ Dark Headlamps ▪ Black Fog Lamp Finisher ▪ Black Exterior Badging ▪ Black Mirrors ▪ Black Door Handles ▪ 20" Accessory Wheels ▪ Body Color Front and Rear Bumper ▪ Black Step Rails ▪ Charcoal Interior Trim ▪ "Midnight Edition" Exterior Badge 	Crew Cab: 4715 (103.97)	Crew Cab: 23.761 (18.889)	Crew Cab: 23.289 (17.987)
Accessory Wheels, SL (C/C Only): <ul style="list-style-type: none"> ▪ 20" Accessory Wheels 	12.3 (27.12)	6.15 (13.56)	6.15 (13.56)
Accessory Grille: <ul style="list-style-type: none"> ▪ Accessory Grille 	This option package does not affect vehicle mass.		
Off Road Package: <ul style="list-style-type: none"> ▪ 18" Alloy Wheels with Painted Dark Finish ▪ 275/70/R18 OWL All-terrain Off-road Tire ▪ Bilstein Off-Road Shock Absorbers (Silver) ▪ Removed Front Chin Spoiler / Air Dam 	Crew Cab: -0.8 (17.6)	Crew Cab: -0.976 (-2.152)	Crew Cab: 0.176 (0.388)
King Cab® Seat Delete: <ul style="list-style-type: none"> ▪ (-) Rear Seat ▪ (-) Rear Heater Duct ▪ (-) Rear Roof-Mounted Assist Grips (replaced with Coat Hanger) ▪ (-) Under Seat Storage (with SV Utility Package Only) ▪ (-) Captains Chairs (Replace with Bench Seat) ▪ (-) Center Console, 110v Outlet, 12v In-Console Outlet, and Rear A/C Vents ▪ (+) Rear Flat Load Floor ▪ (+) Rear Wall Finisher with Tie-Down Hooks 	-41.5 (-91.4)	-177 (-39.0)	-23.8 (-52.5)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Convenience Package (with King Cab® Seat Delete): <ul style="list-style-type: none"> ▪ Intelligent Key® System with Driver and Passenger Request Switches ▪ Leather Wrapped Steering Wheel ▪ Parking Sensors (Front and Rear) ▪ Auto On/Off Headlights ▪ Auto-dimming Rearview Mirror w/ Universal Garage Door Opener ▪ Blind Spot Warning w/ Rear Cross Traffic Alert and Painted Rear Bumper ▪ Auto Dual Zone HVAC ▪ Receiver Hitch ▪ 4-pin/7-pin wiring harness connector (Rear Bumper) ▪ Convex Spotter Mirror ▪ Chrome Interior Door Locks (C/C; K/C Only) ▪ Rain-Sensing Wipers (C/C; K/C Only) ▪ Power Slide Rear Window with Defogger (C/C; K/C only) ▪ NissanConnect® with Navigation featuring Apple CarPlay™ and Android Auto™ <ul style="list-style-type: none"> ▪ Nissan Navigation with 3D building graphics and satellite imagery ▪ Connected navigation features including online POI search and online Premium Traffic information ▪ HD Radio ▪ SiriusXM Traffic™ ▪ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) 	17748 (39.134)	-3.529 (-7.781)	21.269 (46.898)

CAN Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	Single Cab: 32.435 (71.5) King Cab®: 29.44 (64.9) Crew Cab: 28.84 (63.58)	Single Cab: -2.78 (-6.12) King Cab®: -3.834 (-8.45) Crew Cab: -4.344 (-9.57)	Single Cab: 35.214 (77.65) King Cab®: 33.268 (73.34) Crew Cab: 33.178 (73.14)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console (C/C; K/C Only) Auto-dimming Rearview Mirror w/ Universal Garage door Opener 110V in Back of Center Console and 12v in Center Console (C/C; K/C Only) 8-way Power Driver's Seat (C/C; K/C Only) Receiver Hitch 4-pin/7-pin wiring harness connector (Rear Bumper) Front Driver and Passenger Seat Heaters (C/C; K/C Only) Power Slide Rear Window with Defogger (C/C; K/C Only) Driver Seat Power Lumbar (C/C; K/C Only) Rear HVAC vents (C/C; K/C Only) Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto On/Off Headlights Blind Spot Warning with Rear Cross Traffic Alert and Painted Rear Bumper Auto Dual Zone HVAC Chrome Interior Door Locks (C/C; K/C Only) Rain-Sensing Wipers NissanConnect® with Navigation featuring Apple CarPlay™ and Android Auto™ <ul style="list-style-type: none"> Nissan Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search and online Premium Traffic information HD Radio SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) Front Driver and Passenger Seat Heaters (C/C; K/C Only) Convex Spotter Mirror 2 USB-A Ports in Back of Center Console 	Single Cab: 16.63 (36.66) King Cab®: 7459 (16.44) Crew Cab: 8.064 (17.778)	Single Cab: -3.854 (-8.496) King Cab®: -9.219 (-20.32) Crew Cab: -8.846 (-19.505)	Single Cab: 20.476 (45.14) King Cab®: 16.67 (36.75) Crew Cab: 16.902 (37.26)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending with Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) Puddle Lamps 	All Cabs: 7.159 (15.78)	All Cabs: 7.403 (16.32)	All Cabs: -0.244 (-0.537)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Storage Box in 2nd Row (ACCY) (C/C; K/C Only) Molded Plate Keys (x2) (C/C; K/C Only) 	Single Cab: 35.439 (78.143) King Cab®: 38.537 (84.974) Crew Cab: 39.519 (87.140)	Single Cab: 1.946 (4.291) King Cab®: 2.914 (6.425) Crew Cab: 2.196 (4.842)	Single Cab: 33.493 (73.852) King Cab®: 35.623 (78.549) Crew Cab: 37.327 (82.306)
Leather Package (C/C Only): <ul style="list-style-type: none"> Leather Front and Rear Seats (C/C Only) 4-way Power Assist Seat (C/C Only) 	2.00 (4.41)	1.14 (2.51)	0.86 (1.90)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio (12 Speakers C/C, 10 Speakers K/C) Fender® Branding, Amp, Underseat Subwoofer & Center Channel Speaker & Fr Tweeters & Rr Tweeters Electronic Locking Tailgate (C/C; K/C Only) (ACCY) Rear Utility Bed Step (C/C; K/C Only) (ACCY) Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Tow Mirrors (Manually Extending/folding, with Puddle lamp and Heat) Proximity Activation; Puddle Lamps, LED Signature Headlamps, Cargo Lamp Rear Utility Bed Step (C/C; K/C Only) (ACCY) 	King Cab®: 34.228 (75.473) Crew Cab: 33.01 (72.79)	King Cab®: 8.046 (17.741) Crew Cab: 7.443 (16.412)	King Cab®: 26.183 (57.734) Crew Cab: 25.565 (56.371)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats (C/C only) Power Tilt/Telescoping Steering Wheel with Memory Compass on NAVI Display NissanConnect® Services Powered by SiriusXM® <ul style="list-style-type: none"> Automatic Collision Notification, Emergency Call and Stolen Vehicle Locator Remote Services including Lock/Unlock, Engine Start/Stop, Horn/Lights Customizable Alerts Including Boundary, Curfew, Speed, Valet Alerts, and Maintenance Alerts Auto dimming outside mirror (Dr & As) with Memory Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Memory Driver seat w/ auto entry/exit feature UGDO, Auto Dimming Rearview Mirror 	King Cab®: 4.6 (10.1) Crew Cab: 5.7 (12.6)	King Cab®: 3.04 (6.70) Crew Cab: 3.44 (7.6)	King Cab®: 1.56 (3.44) Crew Cab: 2.26 (4.98)
Premium Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Intelligent Around View Monitor (I-AVM) Reverse AutoTilt Outside Mirrors 	Crew Cab and King Cab®: 0.7 (1.5)	Crew Cab and King Cab®: 0.4 (0.9)	Crew Cab and King Cab®: 0.4 (0.9)
SL Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending/Fold, and Dr/As Auto Dim) Trailer Brake Controller Trailer Light Function Check (included on Key Fob) 	Crew Cab 2.8 (6.2)	Crew Cab 1.9 (4.2)	Crew Cab 0.9 (2.0)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box (ACCY) Electronic Locking Tailgate (ACCY) Rear Utility Bed Step (ACCY) 	Crew Cab: 37.2 (82.0)	Crew Cab: -1.7 (-3.7)	Crew Cab: 38.9 (85.8)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Midnight Edition: <ul style="list-style-type: none"> ▪ Body Color Front Grille w/ Dark Insert ▪ Dark Headlamps ▪ Black Fog Lamp Finisher ▪ Black Exterior Badging ▪ Black Mirrors ▪ Black Door Handles ▪ 20" Accessory Wheels (ACCY) ▪ Body Color Front and Rear Bumper ▪ Black Step Rails (ACCY) ▪ Charcoal Interior Trim ▪ "Midnight Edition" Exterior Badge 	Crew Cab: 4715 (103.97)	Crew Cab: 23.761 (18.889)	Crew Cab: 23.289 (17.987)
Accessory Wheels, SL (C/C Only): <ul style="list-style-type: none"> ▪ 20" Accessory Wheels 	12.3 (27.12)	6.15 (13.56)	6.15 (13.56)
Accessory Grille: <ul style="list-style-type: none"> ▪ Accessory Grille 	This option package does not affect vehicle mass.		
King Cab® Seat Delete: <ul style="list-style-type: none"> ▪ (-) Rear Seat ▪ (-) Rear Heater Duct ▪ (-) Rear Roof-Mounted Assist Grips (replaced with Coat Hanger) ▪ (-) Under Seat Storage (with SV Utility Package Only) ▪ (-) Captains Chairs (Replace with Bench Seat) ▪ (-) Center Console, 110v Outlet, 12v In-Console Outlet, and Rear A/C Vents ▪ (+) Rear Flat Load Floor ▪ (+) Rear Wall Finisher with Tie-Down Hooks 	-41.5 (-91.4)	-17.7 (-39.0)	-23.8 (-52.5)

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OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	King Cab®: 23.6 (52.04) Crew Cab: 23.0 (50.72)	King Cab®: -2.0 (-4.41) Crew Cab: -2.5 (-5.51)	King Cab®: 25.6 (56.45) Crew Cab: 25.5 (56.23)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Auto-dimming Rearview Mirror 110V & 12V in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Power Slide Rear Window w/ Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Intelligent Auto Headlights Auto Dual Zone HVAC Chrome Interior Door Locks NissanConnect® with Navigation <ul style="list-style-type: none"> 9" touchscreen display Nissan Door to Door Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search, and online Premium Traffic information HD Radio SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) TomTom Weather Remote Engine Start (included on key fob) Front Driver and Passenger Seat Heaters Convex Spotter Mirror 2 Illuminated Charge Only USB-A Ports in Back of Center Console Dedicated Cell Phone Holder Traffic Sign Recognition (TSR) 	King Cab®: 4.1 (9.04) Crew Cab: 4.1 (9.04)	King Cab®: 2.3 (5.07) Crew Cab: 2.1 (4.63)	King Cab®: 1.8 (3.97) Crew Cab: 1.8 (3.97)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending w/Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	16.2 (35.72)	4.9 (10.80)	11.3 (24.92)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function with Tie Down Hooks and Storage Box with Removable Divider and Lockable Lid Molded Plate Keys (x2) Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	King Cab®: 51.6 (113.78) Crew Cab: 49.8 (109.81)	King Cab®: 4.7 (10.36) Crew Cab: 3.6 (7.94)	King Cab®: 46.9 (103.41) Crew Cab: 45.7 (100.77)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio (12 Speakers C/C, 10 speakers K/C) Fender® Branding, Amp, Underseat Subwoofer & Cntr Channel Spkr & Fr/Rr Tweeters Electronic Locking Tailgate Rear Utility Bed Step Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Proximity Activation; LED Signature Headlamps, Cargo Lamp 	King Cab®: 30.3 (66.81) Crew Cab: 29.1 (64.17)	King Cab®: 4.8 (10.58) Crew Cab: 4.2 (9.26)	King Cab®: 25.6 (56.45) Crew Cab: 24.5 (54.02)

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[MODEL INFORMATION]

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats (C/C only) Power Tilt/Telescoping Steering Wheel w/Memory Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Memory Driver seat w/ auto entry/exit feature 	King Cab®: 4.7 (10.36) Crew Cab: 5.8 (12.79)	King Cab®: 3.2 (7.06) Crew Cab: 3.6 (7.94)	King Cab®: 1.6 (3.53) Crew Cab: 2.3 (5.072)
Premium Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 32.7 (72.10)	Crew Cab: 16.6 (36.60)	Crew Cab: 16.2 (35.72)
SL Tow Package: <ul style="list-style-type: none"> Auto Dimming Tow Mirrors (Driver & Passenger) Trailer Brake Controller Trailer Light Function Check (included on Key Fob) Front Tow Hooks (black) (2wd) 	Crew Cab: 7.3 (16.10)	Crew Cab: 7.6 (16.76)	Crew Cab: -0.3 (-0.66)
SV Chrome Package: <ul style="list-style-type: none"> 20" Chrome Wheels Metallic Kick Plates Chrome Exhaust Finisher Chrome Front Grille (Inner and Outer) 	6.1 (13.45)	2.4 (5.29)	3.7 (8.16)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	Crew Cab: 32.2 (71.00)	Crew Cab: -1.7 (-3.75)	Crew Cab: 33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Accessory Wheels: <ul style="list-style-type: none"> 20" Accessory Wheels 	Crew Cab: 17.2 (37.93)	Crew Cab: 6.9 (15.21)	Crew Cab: 10.3 (22.71)
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 29.7 (65.49)	Crew Cab: 14.9 (32.85)	Crew Cab: 14.9 (32.85)

CAN Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	23.0 (50.72)	-2.5 (-5.51)	25.5 (56.23)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Auto-dimming Rearview Mirror 110V & 12V in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Front Driver and Passenger Seat Heaters Power Slide Rear Window with Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto Dual Zone HVAC Chrome Interior Door Locks Dedicated Configurable Cell Phone Holder NissanConnect® with Navigation featuring Apple CarPlay™ and Android Auto™ <ul style="list-style-type: none"> 9" touchscreen display Nissan Door to Door Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search over-the-air map updates, and online Premium Traffic information HD Radio SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) TomTom Weather Remote Engine Start (incl on key fob) Convex Spotter Mirror 2 Illuminated Charge Only USB-A Ports in Back of Center Console Traffic Sign Recognition (TSR) 	4.1 (9.04)	2.3 (5.07)	1.8 (3.97)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending with Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) 4-pin/7-pin wiring harness connector (Rear Bumper) Receiver Hitch 	11.7 (25.80)	-0.8 (-1.76)	12.6 (27.78)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function w/ Tie Down Hooks and Storage Box w/ Removable Divider and Lockable Lid Molded Plate Keys (x2) Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	49.8 (109.81)	3.6 (7.94)	45.7 (100.77)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio Fender® Branding, Amp, Underseat Subwoofer & Center Channel Speaker & Fr Tweeters & Rr Tweeters Electronic Locking Tailgate Rear Utility Bed Step Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Proximity Activation; Puddle Lamps, LED Signature Headlamps, Cargo Lamp 	29.2 (64.39)	4.4 (9.70)	24.4 (53.80)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> 4-way Power Assist Seat Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery Heated Steering Wheel Heated Rear Seats Power Tilt/Telescoping Steering Wheel w/ Memory Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt Engine Remote Start Function (included on Key Fob) Memory Driver seat w/auto entry/exit feature 	5.8 (12.79)	3.6 (7.94)	2.3 (5.07)
Premium Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	32.7 (72.10)	16.6 (36.60)	16.2 (35.72)
SL Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending/Fold, and Dr/As Auto Dim) Trailer Brake Controller Trailer Light Function Check (included on Key Fob) 	2.8 (6.17)	1.9 (4.19)	0.9 (1.98)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	32.2 (71.00)	-1.7 (-3.75)	33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Accessory Wheels: <ul style="list-style-type: none"> 20" Accessory Wheels 	17.2 (37.93)	6.9 (15.21)	10.3 (22.71)
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	29.7 (65.49)	14.9 (32.85)	14.9 (32.85)

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OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Work Truck Package: <ul style="list-style-type: none"> ▪ Spray-on Bedliner ▪ 4-pin/7-pin wiring harness connector (Rear Bumper) ▪ Receiver Hitch ▪ 110v Outlet in Bed ▪ Flat Floor Storage Box in 2nd Row ▪ Utilitrack System with 4 Tie Down Cleats ▪ LED Tailgate Area Illumination ▪ Trailer Brake Control ▪ Intelligent Key® System with Trailer light Check ▪ Tow Mirrors (Manually Extending w/Heat and puddle) 	56.3 (124.14)	3.9 (8.60)	52.4 (115.54)

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US Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	King Cab®: 23.6 (52.04) Crew Cab: 23.0 (50.72)	King Cab®: -2.0 (-4.41) Crew Cab: -2.5 (-5.51)	King Cab®: 25.6 (56.45) Crew Cab: 25.5 (56.23)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Auto-dimming Rearview Mirror 110V & 12V in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Power Slide Rear Window w/ Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto Dual Zone HVAC NissanConnect® with Navigation <ul style="list-style-type: none"> 9" touchscreen display Nissan Door to Door Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search, over-the-air map updates and online Premium Traffic information SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) TomTom Weather Remote Engine Start (included on key fob) Front Driver and Passenger Seat Heaters 2 Illuminated Charge Only USB-A Ports in Back of Center Console Dedicated Cell Phone Holder Traffic Sign Recognition (TSR) 	4.2 (9.26)	2.3 (5.07)	1.9 (4.19)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending w/Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	16.2 (35.72)	4.9 (10.80)	11.3 (24.92)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function with Tie Down Hooks and Storage Box with Removable Divider and Lockable Lid Molded Plate Keys (x2) Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	King Cab®: 51.6 (113.78) Crew Cab: 49.8 (109.81)	King Cab®: 4.7 (10.36) Crew Cab: 3.6 (7.94)	King Cab®: 46.9 (103.41) Crew Cab: 45.7 (100.77)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio (12 Speakers C/C, 10 speakers K/C) Fender® Branding, Amp, Underseat Subwoofer & Cntr Channel Spkr & Fr/Rr Tweeters Electronic Locking Tailgate Rear Utility Bed Step Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Proximity Activation; LED Signature Headlamps, Cargo Lamp 	King Cab®: 30.3 (66.81) Crew Cab: 29.1 (64.17)	King Cab®: 4.8 (10.58) Crew Cab: 4.2 (9.26)	King Cab®: 25.6 (56.45) Crew Cab: 24.5 (54.02)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats (C/C only) Power Tilt/Telescoping Steering Wheel w/Memory Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Memory Driver seat w/ auto entry/exit feature Side Turn Signal Lamp on Mirror Housing 	King Cab®: 4.7 (10.36) Crew Cab: 5.8 (12.79)	King Cab®: 3.2 (7.06) Crew Cab: 3.6 (7.94)	King Cab®: 1.6 (3.53) Crew Cab: 2.3 (5.07)
Pro-4X Moonroof Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 32.7 (72.10)	Crew Cab: 16.6 (36.60)	Crew Cab: 16.2 (35.72)
SL Tow Package: <ul style="list-style-type: none"> Auto Dimming Tow Mirrors (Driver & Passenger) Trailer Brake Controller Trailer Light Function Check (included on Key Fob) Front Tow Hooks (black) (2wd) 	Crew Cab: 7.3 (16.10)	Crew Cab: 7.6 (16.76)	Crew Cab: -0.3 (-0.66)
SV Chrome Package: <ul style="list-style-type: none"> 20" Chrome Wheels Metallic Kick Plates Chrome Exhaust Finisher Chrome Front Grille (Inner and Outer) 	6.1 (13.45)	2.4 (5.29)	3.7 (8.16)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	Crew Cab: 32.2 (71.00)	Crew Cab: -1.7 (-3.75)	Crew Cab: 33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Accessory Wheels: <ul style="list-style-type: none"> 20" Accessory Wheels 	17.2 (37.93)	6.9 (15.21)	10.3 (22.71)
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 29.7 (65.49)	Crew Cab: 14.9 (32.85)	Crew Cab: 14.9 (32.85)

CAN Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	23.0 (50.72)	-2.5 (-5.51)	25.5 (56.23)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Auto-dimming Rearview Mirror 110V & 12V in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Front Driver and Passenger Seat Heaters Power Slide Rear Window with Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Dedicated Configurable Cell Phone Holder NissanConnect® with Navigation featuring Apple CarPlay™ and Android Auto™ <ul style="list-style-type: none"> 9" touchscreen display Nissan Door to Door Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search over-the-air map updates, and online Premium Traffic information SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) TomTom Weather Remote Engine Start (incl on key fob) 2 Illuminated Charge Only USB-A Ports in Back of Center Console Traffic Sign Recognition (TSR) 	3.8 (8.38)	2.0 (4.41)	1.9 (4.19)
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending with Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) 4-pin/7-pin wiring harness connector (Rear Bumper) Receiver Hitch 	11.7 (25.80)	-0.8 (-1.76)	12.6 (27.78)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function w/ Tie Down Hooks and Storage Box w/ Removable Divider and Lockable Lid Molded Plate Keys (x2) Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	49.8 (109.81)	3.6 (7.94)	45.7 (100.77)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 110v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio Fender® Branding, Amplifier, Underseat Subwoofer & Center Channel Speaker & Fr Tweeters & Rr Tweeters Electronic Locking Tailgate Rear Utility Bed Step Trailer Brake Controller Proximity Activation; LED Signature Headlamps, Cargo Lamp 	29.2 (64.39)	4.4 (9.70)	24.4 (53.80)
PRO-4X Convenience Package: <ul style="list-style-type: none"> 4-way Power Assist Seat Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery Heated Steering Wheel Heated Rear Seats Power Tilt/Telescoping Steering Wheel w/ Memory Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt Engine Remote Start Function (included on Key Fob) Memory Driver seat w/auto entry/exit feature Trailer Light Check Function (Included on Key Fob) Side Turn Signal Lamp on Mirror Housing 	5.8 (12.79)	3.6 (7.94)	2.3 (5.07)

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[MODEL INFORMATION]

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Premium Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	32.7 (72.10)	16.6 (36.60)	16.2 (35.72)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	32.2 (71.00)	-1.7 (-3.75)	33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Accessory Wheels: <ul style="list-style-type: none"> 20" Accessory Wheels 	17.2 (37.93)	6.9 (15.21)	10.3 (22.71)
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	29.7 (65.49)	14.9 (32.85)	14.9 (32.85)
Work Truck Package: <ul style="list-style-type: none"> Spray-on Bedliner 4-pin/7-pin wiring harness connector (Rear Bumper) Receiver Hitch 110v Outlet in Bed Flat Floor Storage Box in 2nd Row Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination Trailer Brake Control Intelligent Key® System with Trailer light Check Tow Mirrors (Manually Extending w/Heat and puddle) Trailer Light Check Function (Included on Key Fob) 	56.3 (124.14)	3.9 (8.60)	52.4 (115.54)

TRUCK OPTION MASS — 2022 MODEL YEAR

US Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	King Cab®: 23.6 (52.04) Crew Cab: 23.0 (50.72)	King Cab®: -2.0 (-4.41) Crew Cab: -2.5 (-5.51)	King Cab®: 25.6 (56.49) Crew Cab: 25.5 (56.23)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Auto-dimming Rearview Mirror 120v & 12v in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Power Slide Rear Window w/ Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto Dual Zone HVAC NissanConnect® with Navigation <ul style="list-style-type: none"> 9" touchscreen display Nissan Door to Door Navigation with 3D building graphics and satellite imagery Connected navigation features including online POI search, over-the-air map updates and online Premium Traffic information SiriusXM Traffic™ SiriusXM® Travel Link (Weather, Fuel prices, Movie listings, Stock info, Sports and Parking) TomTom Weather Wi-Fi Hotspot Remote Engine Start (included on key fob) Front Driver and Passenger Seat Heaters 2 Illuminated Charge Only USB-A Ports in Back of Center Console Dedicated Cell Phone Holder Traffic Sign Recognition (TSR) Overhead Console with Sunglass Holder Mood Light Front Sun Visor: Driver and Passenger Illuminated Vanity Mirror (+ Extension) 	-4.4 (-9.70)	-2.0 (-4.41)	-2.4 (-5.29)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending w/Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	22.8 (50.27)	1.6 (3.53)	21.2 (46.75)
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 120v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function with Tie Down Hooks and Storage Box with Removable Divider and Lockable Lid Molded Plate Keys (x2) Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	King Cab®: 38.1 (84.01) Crew Cab: 40.2 (88.64)	King Cab®: 1.3 (2.87) Crew Cab: 1.6 (3.53)	King Cab®: 36.8 (81.14) Crew Cab: 38.6 (85.11)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 120v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio (12 Speakers Crew Cab, 10 speakers King Cab®) Fender® Branding, Amp, Underseat Subwoofer & Center Channel Speaker & Front/Rear Tweeters Electronic Locking Tailgate Rear Utility Bed Step Trailer Brake Controller Trailer Light Check Function (Included on Key Fob) Proximity Activation; LED Signature Headlamps, Cargo Lamp 	King Cab®: 29.1 (64.17) Crew Cab: 29.1 (64.16)	King Cab®: 9.5 (20.95) Crew Cab: 10.2 (22.49)	King Cab®: 19.6 (43.22) Crew Cab: 18.9 (41.67)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats (Crew Cab only) Power Tilt/Telescoping Steering Wheel w/Memory Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Memory Driver seat w/ auto entry/exit feature Side Turn Signal Lamp on Mirror Housing 	King Cab®: 5.6 (12.35) Crew Cab: 6.7 (14.77)	King Cab®: 3.6 (7.94) Crew Cab: 4.0 (8.82)	King Cab®: 2.0 (4.41) Crew Cab: 2.7 (5.95)
Pro-4X Moonroof Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 31.8 (70.12)	Crew Cab: 16.0 (35.28)	Crew Cab: 15.8 (34.84)
SV Chrome Package: <ul style="list-style-type: none"> 20" Chrome Wheels Metallic Kick Plates Chrome Exhaust Finisher Chrome Front Grille (Inner and Outer) Chrome Exterior Door Handles Metallic Painted Instrument Panel Vents & Finishers 	0.4 (0.88)	0.2 (0.44)	0.2 (0.44)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	Crew Cab: 32.2 (71.00)	Crew Cab: -1.7 (-3.75)	Crew Cab: 33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 29.7 (65.49)	Crew Cab: 14.9 (32.85)	Crew Cab: 14.9 (32.85)

TRUCK OPTION MASS — 2023 MODEL YEAR

US Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
S Utility Package: <ul style="list-style-type: none"> Front Overhead Console (Map Lamp, Sunglass, Storage) Spray-on Bedliner Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	Crew Cab: 30.4 (67.03)	Crew Cab: -4.8 (-10.58)	Crew Cab: 35.1 (77.40)
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key[®] System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Auto-dimming Rearview Mirror 120v & 12v in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Power Slide Rear Window w/ Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto Dual Zone HVAC NissanConnect[®] Services <ul style="list-style-type: none"> Wi-Fi Hotspot Front Driver and Passenger Seat Heaters 2 Illuminated Charge Only USB-A Ports in Back of Center Console Dedicated Cell Phone Holder Overhead Console with Sunglass Holder Mood Light Front Sun Visor: Driver and Passenger Illuminated Vanity Mirror (+ Extension) 	-5.6 (-12.35)	-3.3 (-7.28)	-2.5 (-5.51)
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending w/Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	22.8 (50.27)	1.6 (3.53)	21.2 (46.75)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 120v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function with Tie Down Hooks and Storage Box with Removable Divider and Lockable Lid Molded Plate Keys (x2) Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	King Cab®: 36.7 (80.92) Crew Cab: 39.1 (86.22)	King Cab®: 1.8 (3.97) Crew Cab: 1.2 (2.65)	King Cab®: 34.8 (76.73) Crew Cab: 37.8 (83.35)
SV Midnight Edition Package: <ul style="list-style-type: none"> Gloss Black Front Grille Surround w/ Black Inner-Mesh Black Front Bumper Full LED Headlamp w/ LED Signature and LED High Beam 20" x 8JJ Black Wheels All Season P275/60R20 BSW Tires Black Utility Mirror Black Door Handles Delete TITAN emblem from Front Doors Black Steering Wheel Finishers Black Center I/P, Switch and Vent Finishers Black I/P (Driver and Front Passenger) Finishers Black Headliner and A-Pillar Black Center Console FR/RR Cupholder Rings and Side Finishers Black Door Finishers (all doors) Special Liftgate Emblem treatments: <ul style="list-style-type: none"> Black Model Name Midnight Edition Black Grade Name Black Drivetrain (4X4 only) 	Crew Cab: 11.4 (25.14)	Crew Cab: 8.6 (18.96)	Crew Cab: 2.7 (5.95)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Utility Package: <ul style="list-style-type: none"> • Parking Sensors (Front and Rear) • Utilitrack System with 4 Tie Down Cleats • LED Tailgate Area Illumination • 120v Outlet in Bed • LED Under Rail Bed Lighting • Power Slide Rear Window w/ Defogger • Premium Audio (12 Speakers Crew Cab) • Fender® Branding, Amp, Underseat Subwoofer & Center Channel Speaker & Front/Rear Tweeters • Electronic Locking Tailgate • Rear Utility Bed Step • Trailer Brake Controller • Trailer Light Check Function (Included on Key Fob) • Proximity Activation; LED Signature Headlamps, Cargo Lamp 	Crew Cab: 27.8 (61.30)	Crew Cab: 9.8 (21.61)	Crew Cab: 18.1 (39.91)
PRO-4X Convenience Package: <ul style="list-style-type: none"> • Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery • 4-way Power Assist Seat • Heated Steering Wheel • Heated Rear Seats • Power Tilt/Telescoping Steering Wheel w/Memory • Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) • Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt • Heated Driver and Passenger seat • Engine Remote Start Function (included on Key Fob) • Memory Driver seat w/ auto entry/exit feature • Side Turn Signal Lamp on Mirror Housing 	Crew Cab: 6.6 (14.55)	Crew Cab: 4.0 (8.82)	Crew Cab: 2.7 (5.95)
Pro-4X Moonroof Package: <ul style="list-style-type: none"> • Driver and Passenger Ventilated Seats • Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 31.7 (69.90)	Crew Cab: 16.0 (35.28)	Crew Cab: 15.8 (34.84)
SV Chrome Package: <ul style="list-style-type: none"> • 20" Chrome Wheels • Metallic Kick Plates • Chrome Exhaust Finisher • Chrome Front Grille (Inner and Outer) • Chrome Exterior Door Handles • Metallic Painted Instrument Panel Vents & Finishers 	3.4 (7.50)	-0.4 (-0.88)	3.8 (8.38)

TRUCK OPTION MASS — 2023 MODEL YEAR

[MODEL INFORMATION]

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	Crew Cab: 32.2 (71.00)	Crew Cab: -1.7 (-3.75)	Crew Cab: 33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 29.7 (65.49)	Crew Cab: 14.9 (32.85)	Crew Cab: 14.9 (32.85)

TRUCK OPTION MASS — 2024 MODEL YEAR

US Models

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Convenience Package: <ul style="list-style-type: none"> Intelligent Key® System with Driver and Passenger Request Switches Cloth Captains Seats with Center Console Engine Remote Start Function (included on Key Fob) Auto-dimming Rearview Mirror 120v & 12v in Back of Center Console and 12v in Center Console 8-way Power Driver's Seat Power Slide Rear Window w/ Defogger Driver Seat Power Lumbar Rear HVAC vents Leather Wrapped Steering Wheel Parking Sensors (Front and Rear) Auto Dual Zone HVAC NissanConnect® Services <ul style="list-style-type: none"> Wi-Fi Hotspot Front Driver and Passenger Seat Heaters 2 Illuminated Charge Only USB-A Ports in Back of Center Console Dedicated Cell Phone Holder Overhead Console with Sunglass Holder Mood Light Front Sun Visor: Driver and Passenger Illuminated Vanity Mirror (+ Extension) 	Crew Cab: -5.5 (-12.13)	Crew Cab: -3.1 (-6.83)	Crew Cab: -2.5 (-5.51)
SV Tow Package: <ul style="list-style-type: none"> Tow Mirrors (Manually Extending w/Heat and puddle) Trailer Brake Controller Trailer Light Function Check (Included on Key Fob) Front Tow Hooks (black) (2WD) Receiver Hitch 4-pin/7-pin Wiring Harness Connector (Rear Bumper) 	22.8 (50.27)	1.6 (3.53)	21.2 (46.75)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
SV Utility Package: <ul style="list-style-type: none"> Utilitrack System with 2 Tie-Down Cleats LED Tailgate Area Illumination 120v Outlet in Bed LED Under Rail Bed Lighting Spray-on Bedliner Flat Floor Function with Tie Down Hooks and Storage Box with Removable Divider and Lockable Lid Auto-dimming Rearview Mirror w/ Universal Garage Door Opener Rain-Sensing Wipers Electronic Locking Tailgate Rear Utility Bed Step 	King Cab®: 36.7 (80.92) Crew Cab: 39.1 (86.22)	King Cab®: 1.8 (3.97) Crew Cab: 1.2 (2.65)	King Cab®: 34.8 (76.73) Crew Cab: 37.8 (83.35)
SV Midnight Edition Package: <ul style="list-style-type: none"> Gloss Black Front Grille Surround w/ Black Inner-Mesh Black Front Bumper Full LED Headlamp w/ LED Signature and LED High Beam 20" x 8JJ Black Wheels All Season P275/60R20 BSW Tires Black Utility Mirror Delete TITAN emblem from Front Doors Black Steering Wheel Finishers Black Center I/P, Switch and Vent Finishers Black I/P (Driver and Front Passenger) Finishers Black Headliner and A-Pillar Black Center Console FR/RR Cupholder Rings and Side Finishers Special Liftgate Emblem treatments: <ul style="list-style-type: none"> Black Model Name Midnight Edition Black Grade Name Black Drivetrain (4X4 only) 	Crew Cab: 14.5 (31.97)	Crew Cab: 8.0 (17.64)	Crew Cab: 6.3 (13.89)
PRO-4X Utility Package: <ul style="list-style-type: none"> Parking Sensors (Front and Rear) Utilitrack System with 4 Tie Down Cleats LED Tailgate Area Illumination 120v Outlet in Bed LED Under Rail Bed Lighting Power Slide Rear Window w/ Defogger Premium Audio (12 Speakers C/C) Fender® Branding, Amp, Underseat Subwoofer & Cntr Channel Spkr & Fr/Rr Tweeters Electronic Locking Tailgate Trailer Brake Controller Rear Utility Bed Step 	Crew Cab: 11.0 (24.25)	Crew Cab: 0.1 (0.22)	Crew Cab: 11.0 (24.25)

OPTION PACKAGE DESCRIPTION	kg (lb)		
	Total	Front	Rear
PRO-4X Convenience Package: <ul style="list-style-type: none"> Leather Seats with Contrasting Stitch (Unique for PRO-4X) and "PRO-4X" Embroidery 4-way Power Assist Seat Heated Steering Wheel Heated Rear Seats Power Tilt/Telescoping Steering Wheel w/Memory Intelligent Around View Monitor (I-AVM) w/ Moving Object Detection (MOD) Auto dimming outside mirror (Driver & Passenger) with Memory, Power Folding, puddle lamp, and reverse auto tilt Heated Driver and Passenger seat Engine Remote Start Function (included on Key Fob) Trailer Light Check Function (included on Key Fob) Proximity Activation; LED Signature Headlamps, Cargo Lamp Memory Driver seat w/ auto entry/exit feature Side Turn Signal Lamp on Mirror Housing 	Crew Cab: 11.4 (25.13)	Crew Cab: 9.5 (20.94)	Crew Cab: 2.0 (4.41)
Pro-4X Moonroof Package: <ul style="list-style-type: none"> Driver and Passenger Ventilated Seats Dual Panel Panoramic Moonroof w/Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 31.7 (69.90)	Crew Cab: 16.0 (35.28)	Crew Cab: 15.8 (34.84)
SV Chrome Package: <ul style="list-style-type: none"> 20" Chrome Wheels Metallic Kick Plates Chrome Exhaust Finisher Chrome Front Grille (Inner and Outer) Chrome Exterior Door Handles Metallic Painted Instrument Panel Vents & Finishers 	Crew Cab: 10.5 (23.15)	Crew Cab: 3.1 (6.83)	Crew Cab: 7.3 (16.09)
Platinum Utility Package: <ul style="list-style-type: none"> TITAN Box Electronic Locking Tailgate Rear Utility Bed Step 	Crew Cab: 32.2 (71.00)	Crew Cab: -1.7 (-3.75)	Crew Cab: 33.9 (74.75)
Monotone Paint Package: <ul style="list-style-type: none"> Body Color Front Bumper Body Color Rear Bumper Body Color Over Fenders 	This option package does not affect vehicle mass.		
Moonroof Package: <ul style="list-style-type: none"> Dual Panel Panoramic Moonroof w/ Tilt, Slide (One-Touch Open/Close) 	Crew Cab: 29.7 (65.49)	Crew Cab: 14.9 (32.85)	Crew Cab: 14.9 (32.85)

SV Bronze Edition Package: <ul style="list-style-type: none"> • Gloss Black Front Grille Surround w/ MIC Black Inner-Mesh • Black Front Bumper • Full LED Headlamp w/ LED Signature and LED Hi-Beam • 20" x 8JJ Bronze Wheels • All Season P275/60R20 BSW Tires • Black Utility Mirror • Delete H61L emblem from Front Doors • Bronze H61L emblem on Front Doors • Bronze Steering Wheel Finishers • Black Center I/P, Switch and Vent Finishers • Black I/P (Driver and Front Passenger) Finishers • Black Headliner and A-Pillar • Black Center Console FR/RR Cupholder Rings and Side Finishers • Bronze Door Finishers • Bronze Center Console Finishers • Special Liftgate Emblem treatments: • ACCY Sport Bar • ACCY Bronze Edition Floor Mats • Special Liftgate Emblem treatments: <ul style="list-style-type: none"> • Black Model Name • Black Grade Name • Black 4X4 	Crew Cab: 30.6 (67.46)	Crew Cab: 13.5 (29.76)	Crew Cab: 16.8 (37.04)
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RESOURCE CHARTS

WEIGHTS — 2017 MODEL YEAR, 2WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG)** (pg. 107)

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)					
Item	Model→	Crew Cab			
	Grade→	S	SV	SL	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	Kg (lbs)	2,504.4 (5,521.3)	2,498.4 (5,508.1)	2,601.3 (5,734.9)	2,617.6 (5,770.9)
Base Curb Weight - Rear	Kg (lbs)	1,066.0 (2,350.0)	1,060.2 (2,337.2)	1,134.6 (2,501.3)	1,140.2 (2,513.6)
Base Curb Weight - Front	Kg (lbs)	1,438.5 (3,171.3)	1,438.3 (3,170.8)	1,466.8 (3,233.7)	1,477.5 (3,257.3)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,221 (7,100)			
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	Kg (lbs)	712.1 (1,570)	721.2 (1,590)	616.9 (1,360)	598.7 (1,320)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

WEIGHTS — 2WD VEHICLES (USA ONLY)			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,493.5 (5,497.2)	2,487.5 (5,484.0)
Base Curb Weight - Rear	Kg (lbs)	1,053.5 (2,322.6)	1,047.7 (2,309.8)
Base Curb Weight - Front	Kg (lbs)	1,440.0 (3,174.7)	1,439.8 (3,174.2)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	727.0 (1,600)	733.0 (1,610)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

Single Cab

WEIGHTS — 2WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	USA Kg (lbs)	2,345.2 (5,170.3)	2,339.2 (5,157.1)
	Canada Kg (lbs)	2,345.5 (5,170.9)	—
Base Curb Weight - Rear	USA Kg (lbs)	945.8 (2,085.1)	940.0 (2,072.3)
	Canada Kg (lbs)	945.8 (2,085.1)	—
Base Curb Weight - Front	USA Kg (lbs)	1,399.4 (3,085.1)	1,399.2 (3,084.7)
	Canada Kg (lbs)	1,399.7 (3,085.8)	—
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221.0 (7,101.1)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	USA Kg (lbs)	870.9 (1,920)	880 (1,940)
	Canada Kg (lbs)		—
Rear GAWR	Kg (lbs)	1,820.0 (4,012.4)	
Front GAWR	Kg (lbs)	1,724.0 (3,800.8)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 2WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 2017 MODEL YEAR, 4WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Final Drive Ratio	—	2.937 : 1				
Base Curb Weight - Total	USA Kg (lbs)	2,579.9 (5,687.7)	2,578.3 (5,684.2)	2,681.2 (5,911.0)	2,635.6 (5,810.5)	2,691.9 (5,934.6)
	Canada Kg (lbs)	2,580.2 (5,688.4)	2,578.6 (5,684.8)	2,681.4 (5,911.5)	2,638.1 (5,816.0)	2,692.2 (5,935.3)
Base Curb Weight - Rear	USA Kg (lbs)	1,104.5 (2,434.9)	1,097.6 (2,419.7)	1,172.0 (2,583.7)	1,149.9 (2,535.0)	1,177.3 (2,595.4)
	Canada Kg (lbs)	1,104.5 (2,434.9)	1,097.6 (2,419.7)	1,172.0 (2,583.7)	1,150.7 (2,536.7)	1,177.3 (2,595.4)
Base Curb Weight - Front	USA Kg (lbs)	1,475.5 (3,252.8)	1,480.8 (3,264.5)	1,509.3 (3,327.3)	1,485.8 (3,275.5)	1,514.7 (3,339.2)
	Canada Kg (lbs)	1,475.8 (3,253.5)	1,481.1 (3,265.2)	1,509.5 (3,327.8)	1,487.5 (3,279.3)	1,515.0 (3,339.9)
Maximum GCWR	Kg (lbs)	6,940 (15,300)				
Maximum GVWR	Kg (lbs)	3,311 (7,300)				
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—			P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—		
Standard Payload	Kg (lbs)	730.3 (1,610)	730.3 (1,610)	626.0 (1,380)	671.3 (1,480)	616.9 (1,360)
Rear GAWR	Kg (lbs)	1,820 (4,012)				
Front GAWR	Kg (lbs)	1,724 (3,800)				

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)				
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)				
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)				

King Cab®

WEIGHTS — 4WD VEHICLES				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Final Drive Ratio	—	2.937 : 1		
Base Curb Weight - Total	USA Kg (lbs)	2,568.9 (5,663.5)	2,567.3 (5,659.9)	2,622.3 (5,781.2)
	Canada Kg (lbs)	2,569.2 (5,664.1)	2,568.1 (5,661.7)	2,635.7 (5,810.7)
Base Curb Weight - Rear	USA Kg (lbs)	1,063.5 (2,344.6)	1,056.6 (2,329.4)	1,106.5 (2,439.4)
	Canada Kg (lbs)	1,063.5 (2,344.6)	1,056.7 (2,329.6)	1,109.2 (2,445.4)
Base Curb Weight - Front	USA Kg (lbs)	1,505.4 (3,318.8)	1,510.7 (3,330.5)	1,515.8 (3,341.8)
	Canada Kg (lbs)	1,505.7 (3,319.5)	1,511.4 (3,332.1)	1,526.5 (3,365.4)
Maximum GCWR	Kg (lbs)	6,940 (15,300)		
Maximum GVWR	Kg (lbs)	3,311 (7,300)		
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—	—	P275/70R18 1,215 (2,679)
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P275/70R18 1,180 (2,601)	—	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—
Standard Payload	USA Kg (lbs)	742.3 (1,630)	743.9 (1,640)	688.9 (1,510)
	Canada Kg (lbs)	742.0 (1,630)	743.1 (1,630)	675.5 (1,480)
Rear GAWR	Kg (lbs)	1,820 (4,012)		
Front GAWR	Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)		

WEIGHTS — 4WD VEHICLES				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)		
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)		

Single Cab

WEIGHTS — 4WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	USA Kg (lbs)	2,427.8 (5,352.4)	2,426.2 (5,348.9)
	Canada Kg (lbs)	—	2,429.3 (5,355.7)
Base Curb Weight - Rear	USA Kg (lbs)	991.4 (2,185.6)	984.5 (2,170.4)
	Canada Kg (lbs)	—	985.4 (2,172.4)
Base Curb Weight - Front	USA Kg (lbs)	1,436.4 (3,166.7)	1,441.7 (3,178.4)
	Canada Kg (lbs)	—	1,443.9 (3,183.3)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,311.0 (7,299.5)	
Max. Tires and Load Rating @250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	880.0 (1,940)	884.5 (1,950)
Rear GAWR	Kg (lbs)	1,820.0 (4,012.4)	
Front GAWR	Kg (lbs)	1,724.0 (3,800.8)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

212 WEIGHTS — 2018 MODEL YEAR, 2WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)					
Item	Model→	Crew Cab			
	Grade→	S	SV	SL	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	Kg (lbs)	2,495.0 (5,500.6)	2,489.0 (5,487.3)	2,590.1 (5,710.2)	2,608.2 (5,750.1)
Base Curb Weight - Rear	Kg (lbs)	1,067.5 (2,353.3)	1,061.7 (2,340.5)	1,134.4 (2,500.8)	1,141.7 (2,516.9)
Base Curb Weight - Front	Kg (lbs)	1,427.6 (3,147.3)	1,427.4 (3,146.8)	1,455.8 (3,209.4)	1,466.6 (3,233.2)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,221 (7,100)			
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	Kg (lbs)	716.7 (1,580)	721.2 (1,590)	621.4 (1,370)	603.3 (1,330)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

King Cab®

WEIGHTS — 2WD VEHICLES (USA ONLY)				
Item		Model→	King Cab®	
		Grade→	S	SV
		Engine→	VK56VD (5.6L)	
Final Drive Ratio		—	2.937 : 1	
Base Curb Weight - Total	With Rear Seating	Kg (lbs)	2,494.2 (5,498.8)	2,488.2 (5,485.5)
	With Rear Seat Delete		2,453.3 (5,406.4)	2,446.3 (5,393.2)
Base Curb Weight - Rear	With Rear Seating	Kg (lbs)	1,057.6 (2,331.6)	1,051.8 (2,318.9)
	With Rear Seat Delete		1,033.6 (2,278.7)	1,027.8 (2,265.9)
Base Curb Weight - Front	With Rear Seating	Kg (lbs)	1,436.6 (3,167.1)	1,436.4 (3,166.7)
	With Rear Seat Delete		1,418.7 (3,127.7)	1,418.5 (3,127.2)
Maximum GCWR		Kg (lbs)	6,940 (15,300)	
Maximum GVWR		Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)		Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)		Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	With Rear Seating	Kg (lbs)	716.7 (1,580)	725.7 (1,600)
	With Rear Seat Delete		762.0 (1,680)	766.6 (1,690)
Rear GAWR		Kg (lbs)	1,820 (4,012)	
Front GAWR		Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load		KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load		N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load		N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)	

Single Cab

WEIGHTS — 2WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	USA Kg (lbs)	2,340.4 (5,159.7)	2,334.4 (5,146.5)
	Canada Kg (lbs)	2,352.2 (5,185.7)	—
Base Curb Weight - Rear	USA Kg (lbs)	947.6 (2,089.1)	941.8 (2,076.3)
	Canada Kg (lbs)	952.6 (2,100.1)	—
Base Curb Weight - Front	USA Kg (lbs)	1,392.8 (3,070.6)	1,392.6 (3,070.2)
	Canada Kg (lbs)	1,399.6 (3,085.6)	—
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221.0 (7,100.0)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	USA Kg (lbs)	870.9 (1,920)	880 (1,940)
	Canada Kg (lbs)	866.4 (1,910)	—
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 2WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

216 WEIGHTS — 2018 MODEL YEAR, 4WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Final Drive Ratio	—	2.937 : 1				
Base Curb Weight - Total	USA Kg (lbs)	2,572.5 (5,671.4)	2,570.9 (5,667.9)	2,673.4 (5,893.8)	2,627.8 (5,793.3)	2,685.3 (5,920.1)
	Canada Kg (lbs)	2,578.5 (5,684.6)	2,576.9 (5,681.1)	2,679.8 (5,907.9)	2,634.2 (5,807.4)	2,691.7 (5,934.2)
Base Curb Weight - Rear	USA Kg (lbs)	1,107.0 (2,440.5)	1,100.1 (2,425.3)	1,174.3 (2,588.9)	1,152.2 (2,540.2)	1,181.0 (2,603.7)
	Canada Kg (lbs)	1,106.2 (2,438.8)	1,099.3 (2,423.5)	1,173.7 (2,587.6)	1,151.6 (2,538.8)	1,180.4 (2,602.3)
Base Curb Weight - Front	USA Kg (lbs)	1,465.5 (3,230.9)	1,470.8 (3,242.6)	1,499.1 (3,304.9)	1,475.6 (3,253.1)	1,504.3 (3,316.4)
	Canada Kg (lbs)	1,472.3 (3,245.7)	1,477.6 (3,257.6)	1,506.1 (3,320.4)	1,482.6 (3,268.6)	1,511.3 (3,331.8)
Maximum GCWR	Kg (lbs)	6,940 (15,300)				
Maximum GVWR	Kg (lbs)	3,311 (7,300)				
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—			P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—		
Standard Payload	Kg (lbs)	730.3 (1,610)	730.3 (1,610)	630.5 (1,390)	675.9 (1,490)	616.9 (1,360)
Rear GAWR	Kg (lbs)	1,820 (4,012)				
Front GAWR	Kg (lbs)	1,724 (3,800)				
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)				

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)				
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)				

WEIGHTS — 4WD VEHICLES

WEIGHTS — 4WD VEHICLES					
Item		Model→	King Cab®		
		Grade→	S	SV	Pro-4X
		Engine→	VK56VD (5.6L)		
Final Drive Ratio		—	2.937 : 1		
Base Curb Weight - Total	With Rear Seating	USA Kg (lbs)	2,566.8 (5,658.8)	2,565.2 (5,655.3)	2,619.8 (5,775.7)
		Canada Kg (lbs)	2,572.8 (5,672.1)	2,571.2 (5,668.5)	2,626.2 (5,789.8)
	With Rear Seat Delete	USA Kg (lbs)	2,524.9 (5,566.5)	2,523.3 (5,562.9)	—
		Canada Kg (lbs)	2,531.3 (5,580.6)	2,529.7 (5,577.0)	—
Base Curb Weight - Rear	With Rear Seating	USA Kg (lbs)	1,066.4 (2,351.0)	1,059.5 (2,335.8)	1,109.2 (2,445.4)
		Canada Kg (lbs)	1,065.6 (2,349.3)	1,058.7 (2,334.1)	1,108.6 (2,444.1)
	With Rear Seat Delete	USA Kg (lbs)	1,042.4 (2,298.1)	1,035.5 (2,2812.9)	—
		Canada Kg (lbs)	1,041.8 (2,296.8)	1,034.9 (2,281.6)	—
Base Curb Weight - Front	With Rear Seating	USA Kg (lbs)	1,500.4 (3,307.8)	1,505.7 (3,319.5)	1,510.6 (3,330.3)
		Canada Kg (lbs)	1,507.2 (3,322.8)	1,512.5 (3,334.5)	1,517.6 (3,345.7)
	With Rear Seat Delete	USA Kg (lbs)	1,482.5 (3,268.3)	1,487.8 (3,280.0)	—
		Canada Kg (lbs)	1,489.5 (3,283.8)	1.494.8 (3,295.4)	—
Maximum GCWR		Kg (lbs)	6,940 (15,300)		
Maximum GVWR		Kg (lbs)	3,311 (7,300)		
Max. Tires and Load Rating @ 240 kPa (35 psi)		Kg (lbs)	—	—	P275/70R18 1,215 (2,679)

WEIGHTS — 4WD VEHICLES					
Item		Model→	King Cab®		
		Grade→	S	SV	Pro-4X
		Engine→	VK56VD (5.6L)		
Max. Tires and Load Rating @250 kPa (36 psi)		Kg (lbs)	P275/70R18 1,180 (2,601)	—	—
Max. Tires and Load Rating @ 270 kPa (39 psi)		Kg (lbs)	—	265/70R18 1,250 (2,756)	—
Standard Payload	With Rear Seating	USA Kg (lbs)	734.8 (1,620)	739.4 (1,630)	684.9 (1,510)
		Canada Kg (lbs)	734.8 (1,620)	739.4 (1,630)	684.9 (1,510)
	With Rear Seat Delete	USA Kg (lbs)	780.2 (1,720)	780.2 (1,720)	—
		Canada Kg (lbs)	775.6 (1,710)	780.2 (1,720)	—
Rear GAWR		Kg (lbs)	1,820 (4,012)		
Front GAWR		Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load		KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load		N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load		N (lbs)	1,122 (250)		
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)		
Cab Rear Wall Track Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)		

Single Cab

WEIGHTS — 4WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	USA Kg (lbs)	2,423.0 (5,341.8)	2,421.4 (5,338.3)
	Canada Kg (lbs)	—	2,427.4 (5,351.5)
Base Curb Weight - Rear	USA Kg (lbs)	993.2 (2,189.6)	986.3 (2,174.4)
	Canada Kg (lbs)	—	985.5 (2,172.6)
Base Curb Weight - Front	USA Kg (lbs)	1,429.8 (3,152.2)	1,435.1 (3,163.9)
	Canada Kg (lbs)	—	1,441.9 (3,178.9)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,311 (7,300)	
Max. Tires and Load Rating @250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	USA Kg (lbs)	880.0 (1,940)	
	Canada Kg (lbs)	—	880.0 (1,940)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 4WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

222 **WEIGHTS — 2019 MODEL YEAR, 2WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)					
Item	Model→	Crew Cab			
	Grade→	S	SV	SL	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	Kg (lbs)	2,510.7 (5,535.1)	2,506.2 (5,525.2)	2,608.2 (5,750.0)	2,626.3 (5,789.9)
Base Curb Weight - Rear	Kg (lbs)	1,070.3 (2,359.7)	1,064.1 (2,346.0)	1,137.7 (2,508.3)	1,145.0 (2,524.4)
Base Curb Weight - Front	Kg (lbs)	1,440.3 (3,175.4)	1,442.0 (3,179.1)	1,470.4 (3,241.7)	1,481.2 (3,265.5)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,221 (7,100)			
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	Kg (lbs)	707.6 (1,560)	712.1 (1,570)	607.8 (1,340)	594.2 (1,310)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

King Cab®

WEIGHTS — 2WD VEHICLES (USA ONLY)				
Item		Model→	King Cab®	
		Grade→	S	SV
		Engine→	VK56VD (5.6L)	
Final Drive Ratio		—	2.937 : 1	
Base Curb Weight - Total	With Rear Seating	Kg (lbs)	2,477.0 (5,461.0)	2,472.5 (5,451.0)
	With Rear Seat Delete		2,435.9 (5,370.3)	2,431.4 (5,360.4)
Base Curb Weight - Rear	With Rear Seating	Kg (lbs)	1,046.7 (2,307.5)	1,040.5 (2,293.8)
	With Rear Seat Delete		1,023.1 (2,255.5)	1,016.9 (2,241.8)
Base Curb Weight - Front	With Rear Seating	Kg (lbs)	1,430.4 (3,153.5)	1,432.1 (3,157.2)
	With Rear Seat Delete		1,412.9 (3,114.9)	1,414.6 (3,118.6)
Maximum GCWR		Kg (lbs)	6,940 (15,300)	
Maximum GVWR		Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)		Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)		Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	With Rear Seating	Kg (lbs)	739.4 (1,630)	743.9 (1,640)
	With Rear Seat Delete		780.2 (1,720)	784.7 (1,730)
Rear GAWR		Kg (lbs)	1,820 (4,012)	
Front GAWR		Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load		KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load		N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load		N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)	

Single Cab

WEIGHTS — 2WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	USA Kg (lbs)	2,379.8 (5,246.6)	2,375.3 (5,236.7)
	Canada Kg (lbs)	2,381.3 (5,249.9)	—
Base Curb Weight - Rear	USA Kg (lbs)	959.8 (2,116.0)	953.6 (2,102.4)
	Canada Kg (lbs)	959.4 (2,115.1)	—
Base Curb Weight - Front	USA Kg (lbs)	1,420.0 (3,130.6)	1,421.7 (3,134.3)
	Canada Kg (lbs)	1,421.9 (3,134.8)	—
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	USA Kg (lbs)	839.1 (1,850)	843.7 (1,860)
	Canada Kg (lbs)		—
Rear GAWR	Kg (lbs)	1,820.0 (4,012.0)	
Front GAWR	Kg (lbs)	1,724.0 (3,800.0)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 2WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

226 **WEIGHTS — 2019 MODEL YEAR, 4WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Final Drive Ratio	—	2.937 : 1				
Base Curb Weight - Total	USA Kg (lbs)	2,573.2 (5,672.9)	2,573.1 (5,672.7)	2,676.5 (5,900.6)	2,632.0 (5,802.5)	2,688.4 (5,926.9)
	Canada Kg (lbs)	2,574.7 (5,676.2)	2,568.7 (5,663.0)	2,671.6 (5,889.8)	2,630.4 (5,799.0)	2,687.9 (5,925.8)
Base Curb Weight - Rear	USA Kg (lbs)	1,103.5 (2,432.9)	1,096.2 (2,416.8)	1,171.3 (2,582.3)	1,149.4 (2,534.1)	1,178.0 (2,597.1)
	Canada Kg (lbs)	1,103.1 (2,432.0)	1,097.3 (2,419.2)	1,171.7 (2,583.2)	1,148.5 (2,532.1)	1,177.3 (2,595.6)
Base Curb Weight - Front	USA Kg (lbs)	1,469.7 (3,240.0)	1,476.9 (3,255.9)	1,505.2 (3,318.3)	1,482.6 (3,268.5)	1,510.4 (3,329.8)
	Canada Kg (lbs)	1,471.6 (3,244.2)	1,471.4 (3,243.8)	1,499.9 (3,306.6)	1,481.9 (3,266.9)	1,510.6 (3,330.2)
Maximum GCWR	Kg (lbs)	6,940 (15,300)				
Maximum GVWR	Kg (lbs)	3,311 (7,300)				
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—			P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—		
Standard Payload	USA Kg (lbs)	734.8 (1,620)		630.5 (1,390)	675.9 (1,490)	621.4 (1,370)
	Canada Kg (lbs)	734.8 (1,620)	739.4 (1,630)	639.6 (1,410)	680.4 (1,500)	

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Rear GAWR	Kg (lbs)	1,820 (4,012)				
Front GAWR	Kg (lbs)	1,724 (3,800)				
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)				
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)				
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)				

WEIGHTS — 4WD VEHICLES

WEIGHTS — 4WD VEHICLES					
Item		Model→	King Cab®		
		Grade→	S	SV	Pro-4X
		Engine→	VK56VD (5.6L)		
Final Drive Ratio		—	2.937 : 1		
Base Curb Weight - Total	With Rear Seating	USA Kg (lbs)	2,567.5 (5,660.3)	2,567.4 (5,660.1)	2,624.0 (5,784.9)
		Canada Kg (lbs)	2,569.0 (5,663.6)	2,563.0 (5,650.4)	2,622.4 (5,781.4)
	With Rear Seat Delete	USA Kg (lbs)	2,526.4 (5,569.7)	2,526.3 (5,569.5)	—
		Canada Kg (lbs)	2,531.9 (5,581.8)	2,525.9 (5,568.6)	
Base Curb Weight - Rear	With Rear Seating	USA Kg (lbs)	1,063.0 (2,343.6)	1,055.7 (2,327.5)	1,106.5 (2,439.5)
		Canada Kg (lbs)	1,062.6 (2,342.7)	1,056.8 (2,329.9)	1,105.6 (2,437.5)
	With Rear Seat Delete	USA Kg (lbs)	1,039.4 (2,291.6)	1,032.1 (2,275.5)	—
		Canada Kg (lbs)	1,037.7 (2,287.8)	1,031.9 (2,275.0)	
Base Curb Weight - Front	With Rear Seating	USA Kg (lbs)	1,504.4 (3,316.7)	1,511.6 (3,332.6)	1,517.4 (3,345.4)
		Canada Kg (lbs)	1,506.3 (3,320.9)	1,506.1 (3,320.5)	1,516.7 (3,343.8)
	With Rear Seat Delete	USA Kg (lbs)	1,486.9 (3,278.1)	1,494.1 (3,294.0)	—
		Canada Kg (lbs)	1,494.1 (3,294.0)	1,493.9 (3,293.6)	
Maximum GCWR		Kg (lbs)	6,940 (15,300)		
Maximum GVWR		Kg (lbs)	3,311 (7,300)		
Max. Tires and Load Rating @ 240 kPa (35 psi)		Kg (lbs)	—	—	P275/70R18 1,215 (2,679)
Max. Tires and Load Rating @ 250 kPa (36 psi)		Kg (lbs)	P275/70R18 1,180 (2,601)	—	—

WEIGHTS — 4WD VEHICLES					
Item		Model→	King Cab®		
		Grade→	S	SV	Pro-4X
		Engine→	VK56VD (5.6L)		
Max. Tires and Load Rating @ 270 kPa (39 psi)		Kg (lbs)	—	265/70R18 1,250 (2,756)	—
Standard Payload	With Rear Seating	USA Kg (lbs)	739.4 (1,630)		684.9 (1,510)
		Canada Kg (lbs)	739.4 (1,630)	743.9 (1,640)	
	With Rear Seat Delete	USA Kg (lbs)	784.7 (1,730)		—
		Canada Kg (lbs)	775.6 (1,710)	784.7 (1,730)	
Rear GAWR		Kg (lbs)	1,820 (4,012)		
Front GAWR		Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load		KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load		N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load		N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load		N (lbs)	1,122 (250)		
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)		
Cab Rear Wall Track Weld Nut Pull Strength Practical Load		N (lbs)	490 (110.15)		

Single Cab

WEIGHTS — 4WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	USA Kg (lbs)	2,433.4 (5,364.7)	2,433.3 (5,364.5)
	Canada Kg (lbs)	—	2,428.9 (5,354.8)
Base Curb Weight - Rear	USA Kg (lbs)	974.3 (2,147.9)	967.0 (2,131.8)
	Canada Kg (lbs)	—	968.1 (2,134.3)
Base Curb Weight - Front	USA Kg (lbs)	1,459.1 (3,216.8)	1,446.3 (3,232.6)
	Canada Kg (lbs)	—	1,460.8 (3,220.5)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,311 (7,300)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	USA Kg (lbs)	875.4 (1,930)	
	Canada Kg (lbs)	—	880.0 (1,940)
Rear GAWR	Kg (lbs)	1,820.0 (4,012.0)	
Front GAWR	Kg (lbs)	1,724 (3,800.0)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 4WD VEHICLES			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

232 **WEIGHTS — 2020 MODEL YEAR, 2WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)					
Item	Model→	Crew Cab			
	Grade→	S	SV	SL	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	Kg (lbs)	2,524.0 (5,564.4)	2,500.2 (5,512.0)	2,621.9 (5,780.3)	2,612.0 (5,758.4)
Base Curb Weight - Rear	Kg (lbs)	1,071.8 (2,363.0)	1,061.7 (2,340.7)	1,142.1 (2,518.0)	1,131.5 (2,494.6)
Base Curb Weight - Front	Kg (lbs)	1,452.1 (3,201.4)	1,438.4 (3,171.2)	1,479.7 (3,262.3)	1,480.4 (3,263.8)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,221 (7,100)			
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	Kg (lbs)	694.0 (1,530)	716.7 (1,580)	594.2 (1,310)	607.8 (1,340)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

King Cab®

WEIGHTS — 2WD VEHICLES (USA ONLY)			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,515.8 (5,546.3)	2,492.0 (5,493.9)
Base Curb Weight - Rear	Kg (lbs)	1,058.8 (2,334.2)	1,048.7 (2,312.0)
Base Curb Weight - Front	Kg (lbs)	1,457.0 (3,212.1)	1,443.3 (3,181.9)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	703.1 (1,550)	725.7 (1,600)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

234 **WEIGHTS — 2020 MODEL YEAR, 4WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Final Drive Ratio	—	2.937 : 1				
Base Curb Weight - Total	USA Kg (lbs)	2,591.6 (5,713.5)	2,567.7 (5,660.8)	2,689.4 (5,929.1)	2,646.1 (5,833.7)	2,679.5 (5,907.3)
	Canada Kg (lbs)	2,592.6 (5,715.7)	2,564.3 (5,653.3)	2,683.6 (5,916.4)	2,663.7 (5,872.5)	2,693.8 (5,938.8)
Base Curb Weight - Rear	USA Kg (lbs)	1,106.0 (2,438.2)	1,094.1 (2,412.0)	1,174.5 (2,589.3)	1,153.7 (2,543.4)	1,165.4 (2,569.2)
	Canada Kg (lbs)	1,105.7 (2,437.6)	1,095.0 (2,414.0)	1,171.4 (2,582.4)	1,172.9 (2,585.7)	1,178.5 (2,598.1)
Base Curb Weight - Front	USA Kg (lbs)	1,485.6 (3,275.3)	1,473.6 (3,248.8)	1,492.4 (3,290.3)	1,514.9 (3,339.9)	1,514.1 (3,338.1)
	Canada Kg (lbs)	1,486.9 (3,278.2)	1,469.3 (3,239.4)	1,512.2 (3,333.9)	1,490.8 (3,286.8)	1,515.3 (3,340.8)
Maximum GCWR	Kg (lbs)	6,940 (15,300)				
Maximum GVWR	Kg (lbs)	3,311 (7,300)				
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—			P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—		
Standard Payload	USA Kg (lbs)	716.7 (1,580)	739.4 (1,630)	621.4 (1,370)	662.2 (1,460)	630.5 (1,390)
	Canada Kg (lbs)		743.9 (1,640)	626 (1,380)	644.1 (1,420)	616.9 (1,360)

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Rear GAWR	Kg (lbs)	1,820 (4,012)				
Front GAWR	Kg (lbs)	1,724 (3,800)				
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)				
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)				
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)				

WEIGHTS — 4WD VEHICLES				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Final Drive Ratio	—	2.937 : 1		
Base Curb Weight - Total	Kg (lbs)	2,568.8 (5,663.3)	2,544.9 (5,610.6)	2,623.3 (5,783.5)
Base Curb Weight - Rear	Kg (lbs)	1,058.5 (2,333.6)	1,046.6 (2,307.4)	1,104.1 (2,434.1)
Base Curb Weight - Front	Kg (lbs)	1,510.4 (3,329.8)	1,498.4 (3,303.3)	1,519.3 (3,349.4)
Maximum GCWR	Kg (lbs)	6,940 (15,300)		
Maximum GVWR	Kg (lbs)	3,311 (7,300)		
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—	—	P275/70R18 1,215 (2,679)
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P275/70R18 1,180 (2,601)	—	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—
Standard Payload	Kg (lbs)	739.4 (1,630)	762.0 (1,680)	684.9 (1,510)
Rear GAWR	Kg (lbs)	1,820 (4,012)		
Front GAWR	Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)		
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)		

WEIGHTS — 2021 MODEL YEAR, 2WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)					
Item	Model→	Crew Cab			
	Grade→	S	SV	SL	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	Kg (lbs)	2,518.6 (5,552.5)	2,494.8 (5,500.0)	2,615.8 (5,766.8)	2,609.0 (5,751.8)
Base Curb Weight - Rear	Kg (lbs)	1,069.3 (2,357.5)	1,059.2 (2,335.2)	1,139.4 (2,512.0)	1,130.2 (2,491.7)
Base Curb Weight - Front	Kg (lbs)	1,449.2 (3,195.0)	1,435.5 (3,164.8)	1,476.3 (3,254.8)	1,478.7 (3,260.1)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,221 (7,100)			
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	Kg (lbs)	698.5 (1,540)	721.2 (1,590)	603.3 (1,330)	607.8 (1,340)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

WEIGHTS — 2WD VEHICLES (USA ONLY)			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,511.6 (5,537.1)	2,487.8 (5,484.6)
Base Curb Weight - Rear	Kg (lbs)	1,056.9 (2,330.0)	1,046.8 (2,307.8)
Base Curb Weight - Front	Kg (lbs)	1,454.7 (3,207.1)	1,441.0 (3,176.9)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	707.6 (1,560)	730.3 (1,610)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

WEIGHTS — 2021 MODEL YEAR, 4WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Final Drive Ratio	—	2.937 : 1				
Base Curb Weight - Total	USA Kg (lbs)	2,586.2 (5,701.6)	2,562.3 (5,648.9)	2,683.6 (5,916.4)	2,630.1 (5,798.4)	2,676.8 (5,901.4)
	Canada Kg (lbs)	2,593.1 (5,716.8)	2,567.5 (5,660.4)	—	2,647.0 (5,835.7)	2,690.6 (5,931.8)
Base Curb Weight - Rear	USA Kg (lbs)	1,103.5 (2,432.7)	1,091.6 (2,406.5)	1,171.8 (2,583.3)	1,146.7 (2,528.0)	1,164.1 (2,566.3)
	Canada Kg (lbs)	1,104.9 (2,435.8)	1,093.4 (2,410.5)	—	1,164.5 (2,567.2)	1,173.1 (2,586.2)
Base Curb Weight - Front	USA Kg (lbs)	1,482.7 (3,268.9)	1,470.7 (3,242.4)	1,511.8 (3,333.1)	1,483.4 (3,270.4)	1,512.7 (3,335.0)
	Canada Kg (lbs)	1,488.2 (3,281.0)	1,474.1 (3,249.9)	—	1,482.5 (3,268.5)	1,517.5 (3,345.6)
Maximum GCWR	Kg (lbs)	6,940 (15,300)				
Maximum GVWR	Kg (lbs)	3,311 (7,300)				
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—			P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—		
Standard Payload	USA Kg (lbs)	721.2 (1,590)	748.4 (1,650)	626.0 (1,380)	680.4 (1,500)	630.5 (1,390)
	Canada Kg (lbs)	716.7 (1,580)	739.4 (1,630)	—	662.2 (1,460)	616.9 (1,360)

WEIGHTS — 4WD VEHICLES						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Rear GAWR	Kg (lbs)	1,820 (4,012)				
Front GAWR	Kg (lbs)	1,724 (3,800)				
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)				
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)				
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)				
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)				

King Cab® (US Models Only)

WEIGHTS — 4WD VEHICLES				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Final Drive Ratio	—	2.937 : 1		
Base Curb Weight - Total	Kg (lbs)	2,564.6 (5,654.1)	2,540.7 (5,601.4)	2,608.4 (5,750.6)
Base Curb Weight - Rear	Kg (lbs)	1,056.6 (2,329.4)	1,044.7 (2,303.2)	1,097.6 (2,419.8)
Base Curb Weight - Front	Kg (lbs)	1,508.1 (3,324.7)	1,496.1 (3,298.2)	1,510.9 (3,330.9)
Maximum GCWR	Kg (lbs)	6,940 (15,300)		
Maximum GVWR	Kg (lbs)	3,311 (7,300)		
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—	—	P275/70R18 1,215 (2,679)
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P275/70R18 1,180 (2,601)	—	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—
Standard Payload	Kg (lbs)	743.9 (1,640)	766.6 (1,690)	698.5 (1,540)
Rear GAWR	Kg (lbs)	1,820 (4,012)		
Front GAWR	Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)		
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)		

242 **WEIGHTS — 2022 MODEL YEAR, 2WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)				
Item	Model→	Crew Cab		
	Grade→	S	SV	Platinum
	Engine→	VK56VD (5.6L)		
Final Drive Ratio	—	2.937 : 1		
Base Curb Weight - Total	Kg (lbs)	2,513.7 (5,541.7)	2,501.5 (5,514.8)	2,621.3 (5,778.9)
Base Curb Weight - Rear	Kg (lbs)	1,066.0 (2,350.2)	1,065.7 (2,349.5)	1,139.6 (2,512.5)
Base Curb Weight - Front	Kg (lbs)	1,447.6 (3,191.5)	1,435.7 (3,165.3)	1,481.6 (3,266.5)
Maximum GCWR	Kg (lbs)	6,940 (15,300)		
Maximum GVWR	Kg (lbs)	3,221 (7,100)		
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	
Standard Payload	Kg (lbs)	703.1 (1,550)	716.7 (1,580)	598.7 (1,320)
Rear GAWR	Kg (lbs)	1,820 (4,012)		
Front GAWR	Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)		

King Cab®

WEIGHTS — 2WD VEHICLES (USA ONLY)			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,537.6 (5,594.4)	2,482.3 (5,472.5)
Base Curb Weight - Rear	Kg (lbs)	1,088.8 (2,400.4)	1,043.7 (2,300.9)
Base Curb Weight - Front	Kg (lbs)	1,448.8 (3,194.0)	1,438.6 (3,171.6)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	680.4 (1,500)	734.8 (1,620)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

244 **WEIGHTS — 2022 MODEL YEAR, 4WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 4WD VEHICLES					
Item	Model→	Crew Cab			
	Grade→	S	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	USA Kg (lbs)	2,581.3 (5,690.8)	2,569.0 (5,663.7)	2,630.7 (5,799.7)	2,688.8 (5,927.8)
Base Curb Weight - Rear	USA Kg (lbs)	1,100.2 (2,425.5)	1,098.1 (2,420.8)	1,146.6 (2,527.8)	1,173.5 (2,587.1)
Base Curb Weight - Front	USA Kg (lbs)	1,481.1 (3,265.4)	1,470.9 (3,242.9)	1,484.1 (3,272.0)	1,515.3 (3,340.8)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,311 (7,300)			
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—		P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	USA Kg (lbs)	725.7 (1,600)	739.4 (1,630)	680.4 (1,500)	621.4 (1,370)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

WEIGHTS — 2022 MODEL YEAR, 4WD VEHICLES
[RESOURCE CHARTS]

King Cab® (US Models Only)

WEIGHTS — 4WD VEHICLES			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,590.6 (5,711.4)	2,535.2 (5,589.3)
Base Curb Weight - Rear	Kg (lbs)	1,088.5 (2,399.7)	1,041.6 (2,296.3)
Base Curb Weight - Front	Kg (lbs)	1,502.2 (3,311.7)	1,493.7 (3,292.9)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,311 (7,300)	
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P275/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	716.7 (1,580)	775.6 (1,710)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

246 **WEIGHTS — 2023 MODEL YEAR, 2WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)				
Item	Model→	Crew Cab		
	Grade→	S	SV	Platinum
	Engine→	VK56VD (5.6L)		
Final Drive Ratio	—	2.937 : 1		
Base Curb Weight - Total	Kg (lbs)	2,513.7 (5,541.7)	2,491.5 (5,492.8)	2,605.5 (5,744.1)
Base Curb Weight - Rear	Kg (lbs)	1,066.0 (2,350.2)	1,058.6 (2,333.9)	1,129.0 (2,489.1)
Base Curb Weight - Front	Kg (lbs)	1,447.6 (3,191.5)	1,432.8 (3,158.9)	1,476.4 (3,255.0)
Maximum GCWR	Kg (lbs)	6,940 (15,300)		
Maximum GVWR	Kg (lbs)	3,221 (7,100)		
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	
Standard Payload	Kg (lbs)	703.1 (1,550)	725.7 (1,600)	612.3 (1,350)
Rear GAWR	Kg (lbs)	1,820 (4,012)		
Front GAWR	Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)		

King Cab®

WEIGHTS — 2WD VEHICLES (USA ONLY)			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,506.7 (5,526.3)	2,489.0 (5,487.3)
Base Curb Weight - Rear	Kg (lbs)	1,053.6 (2,322.8)	1,046.9 (2,308.0)
Base Curb Weight - Front	Kg (lbs)	1,453.1 (3,203.5)	1,442.1 (3,179.3)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	712.1 (1,570)	730.3 (1,610)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

248 **WEIGHTS — 2023 MODEL YEAR, 4WD VEHICLES**

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to **CENTER OF GRAVITY (CG) (pg. 107)**

Crew Cab

WEIGHTS — 4WD VEHICLES					
Item	Model→	Crew Cab			
	Grade→	S	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)			
Final Drive Ratio	—	2.937 : 1			
Base Curb Weight - Total	USA Kg (lbs)	2,581.3 (5,690.8)	2,559.0 (5,641.7)	2,626.4 (5,790.3)	2,675.3 (5,898.1)
Base Curb Weight - Rear	USA Kg (lbs)	1,100.2 (2,425.5)	1,091.0 (2,405.2)	1,147.4 (2,529.5)	1,163.7 (2,565.4)
Base Curb Weight - Front	USA Kg (lbs)	1,481.1 (3,265.4)	1,468.0 (3,236.5)	1,479.0 (3,260.7)	1,511.6 (3,332.6)
Maximum GCWR	Kg (lbs)	6,940 (15,300)			
Maximum GVWR	Kg (lbs)	3,311 (7,300)			
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—		P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P265/70R18 1,180 (2,601)	—	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)	—	
Standard Payload	USA Kg (lbs)	725.7 (1,600)	748.4 (1,650)	680.4 (1,500)	635.0 (1,400)
Rear GAWR	Kg (lbs)	1,820 (4,012)			
Front GAWR	Kg (lbs)	1,724 (3,800)			
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)			
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)			
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)			
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)			

King Cab® (US Models Only)

WEIGHTS — 4WD VEHICLES			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,559.7 (5,643.3)	2,541.3 (5,602.7)
Base Curb Weight - Rear	Kg (lbs)	1,053.3 (2,322.1)	1,044.6 (2,302.9)
Base Curb Weight - Front	Kg (lbs)	1,506.5 (3,321.2)	1,496.8 (3,299.8)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,311 (7,300)	
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	P275/70R18 1,180 (2,601)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	—	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	748.4 (1,650)	766.6 (1,690)
Rear GAWR	Kg (lbs)	1,820 (4,012)	
Front GAWR	Kg (lbs)	1,724 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)	

250 WEIGHTS — 2024 MODEL YEAR, 2WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 2WD VEHICLES (USA ONLY)			
Item	Model→	Crew Cab	
	Grade→	SV	Platinum
	Engine→	VK56VD (5.6L)	
Final Drive Ratio	—	2.937 : 1	
Base Curb Weight - Total	Kg (lbs)	2,491.7 (5,493.2)	2,605.7 (5,744.5)
Base Curb Weight - Rear	Kg (lbs)	1,058.6 (2,333.9)	1,129.0 (2,489.1)
Base Curb Weight - Front	Kg (lbs)	1,433.0 (3,159.3)	1,476.6 (3,255.4)
Maximum GCWR	Kg (lbs)	6,940 (15,300)	
Maximum GVWR	Kg (lbs)	3,221 (7,100)	
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	265/70R18 1,250 (2,756)	—
Standard Payload	Kg (lbs)	725.7 (1,600)	612.3 (1,350)
Rear GAWR	Kg (lbs)	1,821 (4,012)	
Front GAWR	Kg (lbs)	1,725 (3,800)	
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)	
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)	
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)	
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)	

WEIGHTS — 2024 MODEL YEAR, 4WD VEHICLES

NOTE: For Accessory Reserve Capacity (ARC), Center of Gravity (CG) or Unloaded Vehicle Weight (UVW) information, refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

Crew Cab

WEIGHTS — 4WD VEHICLES				
Item	Model→	Crew Cab		
	Grade→	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)		
Final Drive Ratio	—	2.937 : 1		
Base Curb Weight - Total	USA Kg (lbs)	2,559.2 (5,642.1)	2,630.9 (5,800.2)	2,675.5 (5,898.5)
Base Curb Weight - Rear	USA Kg (lbs)	1,091.0 (2,405.2)	1,146.6 (2,527.8)	1,163.7 (2,565.4)
Base Curb Weight - Front	USA Kg (lbs)	1,468.2 (3,236.9)	1,484.3 (3,272.4)	1,511.8 (3,333.1)
Maximum GCWR	Kg (lbs)	6,940 (15,300)		
Maximum GVWR	Kg (lbs)	3,311 (7,300)		
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—	P275/70R18 1,215 (2,679)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	—	—	P275/60R20 1,180 (2,601)
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	265/70R18 1,250 (2,756)	—	
Standard Payload	USA Kg (lbs)	748.4 (1,650)	680.4 (1,500)	635.0 (1,400)
Rear GAWR	Kg (lbs)	1,820 (4,012)		
Front GAWR	Kg (lbs)	1,724 (3,800)		
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)		
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)		
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)		
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)		

King Cab® (US Models Only)

WEIGHTS — 4WD VEHICLES		
Item	Model→	King Cab®
	Grade→	SV
	Engine→	VK56VD (5.6L)
Final Drive Ratio	—	2.937 : 1
Base Curb Weight - Total	Kg (lbs)	2,534.4 (5,587.5)
Base Curb Weight - Rear	Kg (lbs)	1,041.5 (2,296.1)
Base Curb Weight - Front	Kg (lbs)	1,493.0 (3,291.4)
Maximum GCWR	Kg (lbs)	6,940 (15,300)
Maximum GVWR	Kg (lbs)	3,311 (7,300)
Max. Tires and Load Rating @ 240 kPa (35 psi)	Kg (lbs)	—
Max. Tires and Load Rating @ 250 kPa (36 psi)	Kg (lbs)	—
Max. Tires and Load Rating @ 270 kPa (39 psi)	Kg (lbs)	265/70R18 1,250 (2,756)
Standard Payload	Kg (lbs)	766.6 (1,690)
Rear GAWR	Kg (lbs)	1,820 (4,012)
Front GAWR	Kg (lbs)	1,724 (3,800)
Bed Wall Side — Maximum Individual Load	KN (lbs)	2.2 (494.8)
Bed Wall Side — Maximum Distributed Load	N (lbs)	11,850 (2,663.9)
Upper Front Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)
Upper Side Bed Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)
Bed Floor Track Weld Nut Pull Strength Practical Load	N (lbs)	1,122 (250)
Cargo Tie Down Pull Strength Practical Load	N (lbs)	1,122 (250)
Cab Cargo Tie Down Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)
Cab Rear Wall Track Weld Nut Pull Strength Practical Load	N (lbs)	490 (110.15)

INTERIOR MEASUREMENTS 2017-2023 MODEL YEARS

NOTE:

All specifications are the same for USA, Canada and Mexico except where indicated.

Crew Cab

CAB INTERIOR MEASUREMENTS						
Item	Model →	Crew Cab				
	Grade →	S	SV	SL	Pro-4X	Platinum
	Engine →	VK56VD (5.6L)				
Maximum Interior Length at Floor - Behind Center Console at Vehicle Center	mm (in)	—	995 (39.17)	995 (39.17)	995 (39.17)	995 (39.17)
Maximum Interior Width	mm (in)	1,548 (60.94)	1,548 (60.94)	1,548 (60.94)	1,548 (60.94)	1,548 (60.94)
Maximum Interior Length at Floor - Behind Seat (pg. 300)	mm (in)	680 (26.77)	680 (26.77)	680 (26.77)	680 (26.77)	680 (26.77)
Maximum Interior Length Behind Seat Back (pg. 300)	mm (in)	1,280 (50.39)	1,280 (50.39)	1,280 (50.39)	1,280 (50.39)	1,280 (50.39)
Maximum Interior Height	mm (in)	1,260 (49.61)	1,260 (49.61)	1,260 (49.61)	1,260 (49.61)	1,260 (49.61)
Passenger Cab Volume (SAE)	m ³ (ft ³)	3.39 (119.7)				

King Cab® (USA Only 2020-2023 Model Years)

CAB INTERIOR MEASUREMENTS				
Item	Model →	King Cab®		
	Grade →	S	SV	Pro-4X
	Engine →	VK56VD (5.6L)		
Maximum Interior Length at Floor - Behind Center Console at Vehicle Center	mm (in)	—	710 (27.95)	710 (27.95)
Maximum Interior Width	mm (in)	1,526 (60.08)	1,526 (60.08)	1,526 (60.08)
Maximum Interior Length at Floor - Behind Seat (pg. 303)	mm (in)	440 (17.32)	440 (17.32)	440 (17.32)
Maximum Interior Length Behind Seat Back (pg. 303)	mm (in)	960 (37.8)	960 (37.8)	960 (37.8)
Maximum Interior Height	mm (in)	1,260 (49.61)	1,260 (49.61)	1,260 (49.61)
Passenger Cab Volume (SAE)	m ³ (ft ³)	2.76 (97.7)		
Passenger Cab Cargo Volume (SAE) Behind Front Seat with Rear Seat Delete	m ³ (ft ³)	0.84 (29.6)		

Crew Cab

BED INTERIOR MEASUREMENTS						
Item	Model →	Crew Cab				
	Grade →	S	SV	SL	Pro-4X	Platinum
	Engine →	VK56VD (5.6L)				
Maximum Cargo Width at Wheel Wells (pg. 336)	mm (in)	1,271 (50.0)				
Maximum Cargo Width at Floor	mm (in)	1,620.0 (63.8)				
Maximum Cargo Length (pg. 336)	mm (in)	1,701.9 (66.2)				
Height of Bed (pg. 336)	mm (in)	5279 (20.8)				
Cargo Volume — Bed (without dual wall storage box) (SAE)	m ³ (ft ³)	1.41 (49.7)				
Cargo Volume — Bed (with dual wall storage box) (SAE)	m ³ (ft ³)	1.11 (39.20)				

King Cab® (USA Only 2020-2023 Model Years)

BED INTERIOR MEASUREMENTS				
Item	Model →	King Cab®		
	Grade →	S	SV	Pro-4X
	Engine →	VK56VD (5.6L)		
Maximum Cargo Width at Wheel Wells (pg. 351)	mm (in)	1,271 (50.0)		
Maximum Cargo Width at Floor	mm (in)	1,620 (63.8)		
Maximum Cargo Length (pg. 351)	mm (in)	2,000 (78.7)		
Height of Bed (pg. 351)	mm (in)	5279 (20.8)		
Cargo Volume — Bed (without dual wall storage box) (SAE)	m ³ (ft ³)	1.65 (58.40)		
Cargo Volume — Bed (with dual wall storage box) (SAE)	m ³ (ft ³)	1.31 (46.50)		

Single Cab (2017-2019 Model Years)

BED INTERIOR MEASUREMENTS			
Item	Model →	Single Cab	
	Grade →	S	SV
	Engine →	VK56VD (5.6L)	
Maximum Cargo Width at Wheel Wells (pg. 361)	mm (in)	1,271 (50.0)	
Maximum Cargo Width at Floor	mm (in)	1,620.0 (63.8)	
Maximum Cargo Length at Floor (pg. 361)	mm (in)	2,500.8 (98.5)	
Height of Bed (pg. 361)	mm (in)	527.9 (20.8)	
Cargo Volume — Bed	m ³ (ft ³)	2.10 (74.36)	

258 INTERIOR MEASUREMENTS — 2024 MODEL YEAR

NOTE:

All specifications are the same for USA, Canada and Mexico except where indicated.

Crew Cab

CAB INTERIOR MEASUREMENTS				
Item	Model →	Crew Cab		
	Grade →	SV	Pro-4X	Platinum
	Engine →	VK56VD (5.6L)		
Maximum Interior Length at Floor - Behind Center Console at Vehicle Center	mm (in)	995 (39.17)	995 (39.17)	995 (39.17)
Maximum Interior Width	mm (in)	1,548 (60.94)	1,548 (60.94)	1,548 (60.94)
Maximum Interior Length at Floor - Behind Seat (pg. 300)	mm (in)	680 (26.77)	680 (26.77)	680 (26.77)
Maximum Interior Length Behind Seat Back (pg. 300)	mm (in)	1,280 (50.39)	1,280 (50.39)	1,280 (50.39)
Maximum Interior Height	mm (in)	1,260 (49.61)	1,260 (49.61)	1,260 (49.61)
Passenger Cab Volume (SAE)	m ³ (ft ³)	3.39 (119.7)		

King Cab® (USA Only)

CAB INTERIOR MEASUREMENTS		
Item	Model →	King Cab
	Grade →	SV
	Engine →	VK56VD (5.6L)
Maximum Interior Length at Floor - Behind Center Console at Vehicle Center	mm (in)	710 (27.95)
Maximum Interior Width	mm (in)	1,526 (60.08)
Maximum Interior Length at Floor - Behind Seat (pg. 303)	mm (in)	440 (17.32)
Maximum Interior Length Behind Seat Back (pg. 303)	mm (in)	960 (37.8)
Maximum Interior Height	mm (in)	1,260 (49.61)
Passenger Cab Volume (SAE)	m ³ (ft ³)	2.76 (97.7)
Passenger Cab Cargo Volume (SAE) Behind Front Seat with Rear Seat Delete	m ³ (ft ³)	0.84 (29.6)

Crew Cab

BED INTERIOR MEASUREMENTS				
Item	Model →	Crew Cab		
	Grade →	SV	Pro-4X	Platinum
	Engine →	VK56VD (5.6L)		
Maximum Cargo Width at Wheel Wells (pg. 336)	mm (in)	1,270 (50.0)		
Maximum Cargo Width at Floor	mm (in)	1,620.0 (63.8)		
Maximum Cargo Length (pg. 336)	mm (in)	1,701.9 (66.2)		
Height of Bed (pg. 336)	mm (in)	527.9 (20.8)		
Cargo Volume — Bed (without dual wall storage box) (SAE)	m ³ (ft ³)	1.41 (49.7)		
Cargo Volume — Bed (with dual wall storage box) (SAE)	m ³ (ft ³)	1.11 (39.20)		

King Cab® (USA Only)

BED INTERIOR MEASUREMENTS		
Item	Model →	King Cab
	Grade →	SV
	Engine →	VK56VD (5.6L)
Maximum Cargo Width at Wheel Wells (pg. 351)	mm (in)	1,271 (50.0)
Maximum Cargo Width at Floor	mm (in)	1,620 (63.8)
Maximum Cargo Length (pg. 351)	mm (in)	2,000 (78.7)
Height of Bed (pg. 351)	mm (in)	527.9 (20.8)
Cargo Volume — Bed (without dual wall storage box) (SAE)	m ³ (ft ³)	1.65 (58.40)
Cargo Volume — Bed (with dual wall storage box) (SAE)	m ³ (ft ³)	1.31 (46.50)

EXTERIOR MEASUREMENTS (2017-2019 Model Years)

NOTE:

All specifications are the same for USA, Canada and Mexico except where indicated.

Crew Cab

EXTERIOR MEASUREMENTS						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Vehicle Height (pg. 328)	2WD mm (in)	1,914.1 (75.4)	1,915.1 (75.4)	1,920.4 (75.6)	—	1,920.4 (75.6)
	4WD mm (in)	1,929.3 (76.0)	1,929.7 (76.0)	1,959.7 (77.2)	1,960.3 (77.2)	1,959.7 (77.2)
Wheel Type (pg. 585)	2WD mm (in)	18 X 8.0J Styled Steel	18 X 8.0J Alloy - Machined	20 X 8.0J Alloy - Machined	—	20 X 8.0J Alloy - Dark Chrome
	4WD mm (in)				18 X 8.0J Alloy - Machined	
Wheelbase (pg. 328)	mm (in)	3,550 (139.8)				
Front Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)		
Rear Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)		
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)				
Vehicle Length (pg. 328)	mm (in)	5,794.2 (228.1)			5,804.1 (228.5)	5,794.2 (228.1)
Front Overhang (without license plate holder) (pg. 328)	mm (in)	985.2 (38.79)			994.7 (39.2)	985.2 (38.79)
Front Overhang (with license plate holder) (pg. 328)	mm (in)				1,013.8 (39.9)	
Rear Overhang (pg. 328)	mm (in)	1,259.0 (49.57)				
Rear Door Opening Height - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	1,245 (49.02)				
	With Door Seal mm (in)	1,235 (48.62)				

EXTERIOR MEASUREMENTS						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Rear Door Opening Width - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	806 (31.73)				
	With Door Seal mm (in)	799 (31.46)				
Height of Bed (pg. 336)	mm (in)	5279 (20.8)				
Tailgate Opening Width - Maximum Clearance (pg. 336)	mm (in)	1,528 (60.16)				
Vehicle Width - Without Mirrors (pg. 328)	mm (in)	2,020.0 (79.5)			2,049.6 (80.7)	
Vehicle Width - With Tow Mirrors Non-Extended (pg. 327)	mm (in)	2,494 (98.19)				
Vehicle Width - With Tow Mirrors Extended (pg. 327)	mm (in)	2,607.19 (102.6)				
Ground Clearance at Rear Axle	2WD mm (in)	243.0 (9.57)	244.0 (9.61)	249.0 (9.80)	—	249.0 (9.80)
	4WD mm (in)	243.0 (9.57)	242.9 (9.56)	248.3 (9.78)	250.0 (9.84)	248.3 (9.78)
Step-in Height - Front	2WD mm (in)	542.9 (21.37)	543.9 (21.41)	549.5 (21.63)	—	549.5 (21.63)
	4WD mm (in)	557.5 (21.95)	558.2 (21.98)	588.2 (23.16)	588.5 (23.50)	588.2 (23.20)
Step-in Height - Rear	2WD mm (in)	590.6 (23.25)	591.6 (23.29)	597.0 (23.50)	—	597.0 (23.50)
	4WD mm (in)	605.8 (23.85)	606.2 (23.87)	636.2 (25.05)	636.8 (25.05)	636.2 (25.05)

EXTERIOR MEASUREMENTS

EXTERIOR MEASUREMENTS				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Vehicle Height (pg. 344)	2WD mm (in)	1,906.6 (75.06)	1,908.0 (75.12)	—
	4WD mm (in)	1,921.8 (75.66)	1,923.2 (75.72)	1,953.2 (76.90)
Wheel Type (pg. 585)	2WD mm (in)	18 X 8.0J Styled Steel	18 X 8.0J Alloy – Machined	—
	4WD mm (in)			18 X 8.0J Alloy – Machined
Wheelbase (pg. 344)	mm (in)	3,550 (139.8)		
Front Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)
Rear Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)		
Vehicle Length (pg. 344)	mm (in)	5,794.2 (228.1)		5,804.1 (228.5)
Front Overhang (pg. 344)	mm (in)	985 (38.78)		985 (38.78)
Front Overhang (with license plate holder) (pg. 344)	mm (in)			1,013.8 (39.9)
Rear Overhang (pg. 344)	mm (in)	1,259.0 (49.57)		
Door Opening Height - Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,222 (48.11)		
	With Door Seal mm (in)	1,212 (47.72)		
Door Opening Width - Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,632 (64.25)		
	With Door Seal mm (in)	1,630 (64.17)		
Height of Bed (pg. 351)	mm (in)	527.9 (20.8)		

EXTERIOR MEASUREMENTS				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Tailgate Opening Width - Maximum Clearance (pg. 351)	mm (in)	1,528 (60.16)		
Vehicle Width - Without Mirrors (pg. 344)	mm (in)	2,030.0 (79.92)		2,049.6 (80.7)
Vehicle Width - With Tow Mirrors Non-Extended (pg. 343)	mm (in)	2,128 (83.78)		
Vehicle Width - With Tow Mirrors Extended (pg. 343)	mm (in)	2,637 (103.82)		
Ground Clearance at Rear Axle	2WD mm (in)	245.4 (9.66)	246.3 (9.70)	—
	4WD mm (in)	261.3 (10.29)	262.2 (10.32)	252.3 (19.93)
Step-in Height - Front	2WD mm (in)	574.6 (22.60)	576.2 (22.68)	—
	4WD mm (in)	589.2 (23.20)	590.9 (23.26)	620.9 (24.44)
Step-in Height - Rear	2WD mm (in)	653.0 (25.70)	654.5 (25.8)	—
	4WD mm (in)	668.1 (26.30)	669.5 (26.4)	699.5 (27.5)

Single Cab

EXTERIOR MEASUREMENTS			
Item	Model→	Single Cab	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Vehicle Height (pg. 359)	2WD mm (in)	1,893.0 (74.5)	1,894.0 (74.6)
	4WD mm (in)	1,907.9 (75.1)	1,908.9 (75.2)
Wheel Type (pg. 585)	2WD mm (in)	18 X 8.0J Styled Steel - painted finish	Standard: 18 X 8.0J Alloy - painted finish Optional: 20 X 8.0J Texas TITAN alloy wheel - machined over dark painted finish
	4WD mm (in)		
Wheelbase (pg. 359)	mm (in)	3,550 (139.8)	
Front Track Width	mm (in)	1,725.0 (67.91)	
Rear Track Width	mm (in)		
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)	
Vehicle Length (pg. 359)	mm (in)	5,794.2 (228.1)	
Front Overhang (pg. 359)	mm (in)	985.2 (38.79)	
Rear Overhang (pg. 359)	mm (in)	1,259.0 (49.57)	
Height of Bed (pg. 361)	mm (in)	527.9 (20.8)	
Tailgate Opening Width - Maximum Clearance (pg. 361)	mm (in)	1,525 (60.04)	
Vehicle Width - Without Mirrors (pg. 359)	mm (in)	2,019.9 (79.5)	
Vehicle Width - With Tow Mirrors Non-Extended (pg. 358)	mm (in)	2,447.19 (102.65)	
Vehicle Width - With Tow Mirrors Extended (pg. 358)	mm (in)	2,607.19 (102.6)	
Ground Clearance at Rear Axle	2WD mm (in)	244.0 (9.6)	245.0 (9.56)
	4WD mm (in)	244.0 (9.6)	245.0 (9.56)
Step-in Height - Front	2WD mm (in)	543.8 (21.4)	544.8 (21.4)
	4WD mm (in)	558.2 (22.0)	559.5 (22.0)

EXTERIOR MEASUREMENTS (2020–2021 model years)

NOTE:

All specifications are the same for USA, Canada and Mexico except where indicated.

Crew Cab

EXTERIOR MEASUREMENTS						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Vehicle Height (pg. 330)	2WD mm (in)	1,914.1 (75.4)	1,915.1 (75.4)	1,920.4 (75.6)	—	1,920.4 (75.6)
	4WD mm (in)	1,929.3 (76.0)	1,929.7 (76.0)	1,959.7 (77.2)	1,960.3 (77.2)	1,959.7 (77.2)
Wheel Type (pg. 586)	2WD mm (in)	18 X 8.0J Styled Steel	18 X 8.0J Alloy - Machined Optional: 20 X 8.0J Alloy - Chrome	20 X 8.0J Alloy - Machined	—	20 X 8.0J Alloy - Dark Chrome
	4WD mm (in)				18 X 8.0J Alloy - Painted/ Machined	20 X 8.0J Alloy - Dark Chrome Optional: 18 X 8.0J Alloy - Painted/ Machined
Wheelbase (pg. 330)	mm (in)	3,550 (139.76)				
Front Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)		
Rear Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)		
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)				
Vehicle Length (pg. 330)	mm (in)	5,795 (228.2)			5,829 (229.5)	5,795 (228.2)
Front Overhang (without license plate holder) (pg. 330)	mm (in)	975 (38.4)			1,009 (39.7)	975 (38.4)
Front Overhang (with license plate holder) (pg. 330)	mm (in)	979 (38.5)			1,025 (40.3)	979 (38.5)

EXTERIOR MEASUREMENTS						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Rear Overhang (pg. 330)	mm (in)	1,259 (49.6)				
Rear Door Opening Height - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	1,245 (49.02)				
	With Door Seal mm (in)	1,235 (48.62)				
Rear Door Opening Width - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	806 (31.73)				
	With Door Seal mm (in)	799 (31.46)				
Height of Bed (pg. 336)	mm (in)	527.9 (20.8)				
Tailgate Opening Width - Maximum Clearance (pg. 336)	mm (in)	1,528 (60.16)				
Vehicle Width - Without Mirrors (pg. 330)	mm (in)	2,018.5 (79.47)			2,049.6 (80.7)	
Vehicle Width - With Tow Mirrors Non-Extended (pg. 330)	mm (in)	2,494 (98.19)				
Vehicle Width - With Tow Mirrors Extended (pg. 330)	mm (in)	2,607.19 (102.6)				
Ground Clearance at Rear Axle	2WD mm (in)	243.0 (9.57)	244.0 (9.61)	249.0 (9.80)	—	249.0 (9.80)
	4WD mm (in)	243.0 (9.57)	242.9 (9.56)	248.3 (9.78)	250.0 (9.84)	248.3 (9.78)

EXTERIOR MEASUREMENTS						
Item	Model→	Crew Cab				
	Grade→	S	SV	SL	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)				
Step-in Height - Front	2WD mm (in)	542.9 (21.37)	543.9 (21.41)	549.5 (21.63)	—	549.5 (21.63)
	4WD mm (in)	557.5 (21.95)	558.2 (21.98)	588.2 (23.16)	588.5 (23.50)	588.2 (23.20)
Step-in Height - Rear	2WD mm (in)	590.6 (23.25)	591.6 (23.29)	597.0 (23.50)	—	597.0 (23.50)
	4WD mm (in)	605.8 (23.85)	606.2 (23.87)	636.2 (25.05)	636.8 (25.05)	636.2 (25.05)

King Cab® (US Models Only)

EXTERIOR MEASUREMENTS				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Vehicle Height (pg. 346)	2WD mm (in)	1,906.6 (75.06)	1,908.0 (75.12)	—
	4WD mm (in)	1,921.8 (75.66)	1,923.2 (75.72)	1,953.2 (76.90)
Wheel Type (pg. 586)	2WD mm (in)	18 X 8.0J Styled Steel	18 X 8.0J Alloy – Machined Optional: 20 X 8.0J Alloy – Machined	—
	4WD mm (in)			18 X 8.0J Alloy – Painted/Machined
Wheelbase (pg. 346)	mm (in)	3,550 (139.8)		
Front Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)
Rear Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)		
Vehicle Length (pg. 346)	mm (in)	5,795 (228.2)		5,829 (229.5)
Front Overhang (pg. 346)	mm (in)	975 (38.4)		1,009 (39.7)
Front Overhang (with license plate holder) (pg. 346)	mm (in)	979 (38.5)		1,025 (40.3)
Rear Overhang (pg. 346)	mm (in)	1,259 (49.6)		
Door Opening Height - Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,222 (48.11)		
	With Door Seal mm (in)	1,212 (47.72)		
Door Opening Width - Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,632 (64.25)		
	With Door Seal mm (in)	1,630 (64.17)		
Height of Bed (pg. 351)	mm (in)	5279 (20.8)		

EXTERIOR MEASUREMENTS				
Item	Model→	King Cab®		
	Grade→	S	SV	Pro-4X
	Engine→	VK56VD (5.6L)		
Tailgate Opening Width - Maximum Clearance (pg. 351)	mm (in)	1,528 (60.16)		
Vehicle Width - Without Mirrors (pg. 346)	mm (in)	2,018.5 (79.47)		2,049.6 (80.7)
Vehicle Width - With Tow Mirrors Non-Extended (pg. 346)	mm (in)	2,128 (83.78)		
Vehicle Width - With Tow Mirrors Extended (pg. 346)	mm (in)	2,637 (103.82)		
Ground Clearance at Rear Axle	2WD mm (in)	245.4 (9.66)	246.3 (9.70)	—
	4WD mm (in)	261.3 (10.29)	262.2 (10.32)	252.3 (19.93)
Step-in Height - Front	2WD mm (in)	574.6 (22.60)	576.2 (22.68)	—
	4WD mm (in)	589.2 (23.20)	590.9 (23.26)	620.9 (24.44)
Step-in Height - Rear	2WD mm (in)	653.0 (25.70)	654.5 (25.8)	—
	4WD mm (in)	668.1 (26.30)	669.5 (26.4)	699.5 (27.5)

EXTERIOR MEASUREMENTS (2022–2023 Model Years)

Crew Cab

EXTERIOR MEASUREMENTS					
Item	Model→	Crew Cab			
	Grade→	S	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)			
Vehicle Height (pg. 330)	2WD mm (in)	1,959.3 (77.1)	1,969.1 (77.5)	—	1,967.1 (77.4)
	4WD mm (in)	1,974.3 (77.7)	1,984.2 (78.1)	2,014.9 (79.3)	2,006.9 (79.0)
Wheel Type (pg. 586)	2WD mm (in)	18 X 8.0J Styled Steel	18 X 8.0J Alloy - Machined Optional: 20 X 8.0J Alloy - Chrome	—	20 X 8.0J Alloy - Dark Chrome
	4WD mm (in)			18 X 8.0J Alloy - Painted/ Machined	20 X 8.0J Alloy - Dark Chrome Optional: 18 X 8.0J Alloy - Painted/ Machined
Wheelbase (pg. 330)	mm (in)	3,550 (139.76)			
Front Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)	
Rear Track Width	mm (in)	1,725 (67.9)		1,729 (68.1)	
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)			
Vehicle Length (pg. 330)	mm (in)	5,795 (228.2)		5,829 (229.5)	5,795 (228.2)
Front Overhang (without license plate holder) (pg. 330)	mm (in)	975 (38.4)		1,009 (39.7)	975 (38.4)
Front Overhang (with license plate holder) (pg. 330)	mm (in)	979 (38.5)		1,025 (40.3)	979 (38.5)
Rear Overhang (pg. 330)	mm (in)	1,259 (49.6)			
Rear Door Opening Height - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	1,245 (49.02)			
	With Door Seal mm (in)	1,235 (48.62)			

EXTERIOR MEASUREMENTS					
Item	Model→	Crew Cab			
	Grade→	S	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)			
Rear Door Opening Width - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	806 (31.73)			
	With Door Seal mm (in)	799 (31.46)			
Height of Bed (pg. 336)	mm (in)	5279 (20.8)			
Tailgate Opening Width - Maximum Clearance (pg. 336)	mm (in)	1,528 (60.16)			
Vehicle Width - Without Mirrors (pg. 330)	mm (in)	2,018.5 (79.47)		2,049.6 (80.7)	
Vehicle Width - With Tow Mirrors Non-Extended (pg. 330)	mm (in)	2,494 (98.19)			
Vehicle Width - With Tow Mirrors Extended (pg. 330)	mm (in)	2,607.19 (102.6)			
Ground Clearance at Rear Axle	2WD mm (in)	243.0 (9.57)	244.0 (9.61)	—	249.0 (9.80)
	4WD mm (in)	243.0 (9.57)	242.9 (9.56)	250.0 (9.84)	248.3 (9.78)
Step-in Height - Front	2WD mm (in)	542.9 (21.37)	543.9 (21.41)	—	549.5 (21.63)
	4WD mm (in)	557.5 (21.95)	558.2 (21.98)	588.5 (23.50)	588.2 (23.20)
Step-in Height - Rear	2WD mm (in)	590.6 (23.25)	591.6 (23.29)	—	597.0 (23.50)
	4WD mm (in)	605.8 (23.85)	606.2 (23.87)	639.0 (25.1)	636.2 (25.05)

King Cab® (US Models Only)

EXTERIOR MEASUREMENTS			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Vehicle Height (pg. 346)	2WD mm (in)	1,968.2 (77.4)	1,970.1 (77.6)
	4WD mm (in)	1,982.3 (78.0)	1,984.2 (78.1)
Wheel Type (pg. 586)	2WD mm (in)	18 X 8.0J Styled Steel	18 X 8.0J Alloy – Machined Optional: 20 X 8.0J Alloy – Machined
	4WD mm (in)		
Wheelbase (pg. 346)	mm (in)	3,550 (139.8)	
Front Track Width	mm (in)	1,725 (67.9)	
Rear Track Width	mm (in)	1,725 (67.9)	
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)	
Vehicle Length (pg. 346)	mm (in)	5,795 (228.2)	
Front Overhang (pg. 346)	mm (in)	975 (38.4)	
Front Overhang (with license plate holder) (pg. 346)	mm (in)	979 (38.5)	
Rear Overhang (pg. 346)	mm (in)	1,259 (49.6)	
Door Opening Height - Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,222 (48.11)	
	With Door Seal mm (in)	1,212 (47.72)	
Door Opening Width - Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,632 (64.25)	
	With Door Seal mm (in)	1,630 (64.17)	
Height of Bed (pg. 351)	mm (in)	527.9 (20.8)	
Tailgate Opening Width - Maximum Clearance (pg. 351)	mm (in)	1,528 (60.16)	
Vehicle Width - Without Mirrors (pg. 346)	mm (in)	2,018.5 (79.47)	

EXTERIOR MEASUREMENTS			
Item	Model→	King Cab®	
	Grade→	S	SV
	Engine→	VK56VD (5.6L)	
Vehicle Width - With Tow Mirrors Non-Extended (pg. 346)	mm (in)	2,128 (83.78)	
Vehicle Width - With Tow Mirrors Extended (pg. 346)	mm (in)	2,637 (103.82)	
Ground Clearance at Rear Axle	2WD mm (in)	245.4 (9.66)	246.3 (9.70)
	4WD mm (in)	261.3 (10.29)	262.2 (10.32)
Step-in Height - Front	2WD mm (in)	574.6 (22.60)	576.2 (22.68)
	4WD mm (in)	589.2 (23.20)	590.9 (23.26)
Step-in Height - Rear	2WD mm (in)	653.0 (25.70)	654.5 (25.8)
	4WD mm (in)	668.1 (26.30)	669.5 (26.4)

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EXTERIOR MEASUREMENTS (2024 Model Year)

Crew Cab

EXTERIOR MEASUREMENTS				
Item	Model→	Crew Cab		
	Grade→	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)		
Vehicle Height (pg. 330)	2WD mm (in)	1,915.16 (75.4)	—	1,920.24 (75.6)
	4WD mm (in)	1,927.86 (75.9)	1,960.88 (77.2)	2,006.9 (79.0)
Wheel Type (pg. 586)	2WD mm (in)	18 X 8.0J Alloy - Machined Optional: 20 X 8.0J Alloy - Chrome	—	20 X 8.0J Alloy - Dark Chrome
	4WD mm (in)		18 X 8.0J Alloy - Painted/Machined	20 X 8.0J Alloy - Dark Chrome Optional: 18 X 8.0J Alloy - Painted/Machined
Wheelbase (pg. 330)	mm (in)	3,550 (139.76)		
Front Track Width	mm (in)	1,729 (68.1)		
Rear Track Width	mm (in)	1,729 (68.1)		
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)		
Vehicle Length (pg. 330)	mm (in)	5,829 (229.5)		
Front Overhang (without license plate holder) (pg. 330)	mm (in)	975 (38.4)	1,009 (39.7)	975 (38.4)
Front Overhang (with license plate holder) (pg. 330)	mm (in)	979 (38.5)	1,025 (40.3)	979 (38.5)
Rear Overhang (pg. 330)	mm (in)	1,259 (49.6)		
Rear Door Opening Height - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	1,245 (49.02)		
	With Door Seal mm (in)	1,235 (48.62)		

EXTERIOR MEASUREMENTS				
Item	Model→	Crew Cab		
	Grade→	SV	Pro-4X	Platinum
	Engine→	VK56VD (5.6L)		
Rear Door Opening Width - Maximum Clearance (pg. 326)	Without Door Seal mm (in)	806 (31.73)		
	With Door Seal mm (in)	799 (31.46)		
Height of Bed (pg. 336)	mm (in)	5279 (20.8)		
Tailgate Opening Width - Maximum Clearance (pg. 336)	mm (in)	1,528 (60.16)		
Vehicle Width - Without Mirrors (pg. 330)	mm (in)	2,018.5 (79.47)	2,049.6 (80.7)	
Vehicle Width - With Tow Mirrors Non-Extended (pg. 330)	mm (in)	2,494 (98.19)		
Vehicle Width - With Tow Mirrors Extended (pg. 330)	mm (in)	2,607.19 (102.6)		
Ground Clearance at Rear Axle	2WD mm (in)	244.0 (9.61)	—	249.0 (9.80)
	4WD mm (in)	243 (9.6)	250 (9.8)	248 (9.8)
Step-in Height - Front	2WD mm (in)	544 (21.4)	—	550 (21.6)
	4WD mm (in)	558 (22.0)	589 (23.1)	588 (23.5)
Step-in Height - Rear	2WD mm (in)	592 (23.3)	—	597.0 (23.5)
	4WD mm (in)	606 (23.9)	639.0 (25.1)	636 (25)

EXTERIOR MEASUREMENTS		
Item	Model→	King Cab
	Grade→	SV
	Engine→	VK56VD (5.6L)
Vehicle Height (pg. 346)	4WD mm (in)	1,922.78 (75.7)
Wheel Type (pg. 586)	4WD mm (in)	18 X 8.0J Alloy – Machined Optional: 20 X 8.0J Alloy – Machined
Wheelbase (pg. 346)	mm (in)	3,550 (139.8)
Front Track Width	mm (in)	1,725 (67.9)
Rear Track Width	mm (in)	1,725 (67.9)
Turning Diameter – Wall-to-Wall (pg. 584)	m (ft)	14.6 (48.0)
Vehicle Length (pg. 346)	mm (in)	5,795 (228.2)
Front Overhang (pg. 346)	mm (in)	975 (38.4)
Front Overhang (with license plate holder) (pg. 346)	mm (in)	979 (38.5)
Rear Overhang (pg. 346)	mm (in)	1,259 (49.6)
Door Opening Height – Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,222 (48.11)
	With Door Seal mm (in)	1,212 (47.72)
Door Opening Width – Maximum Clearance (pg. 342)	Without Door Seal mm (in)	1,632 (64.25)
	With Door Seal mm (in)	1,630 (64.17)
Height of Bed (pg. 351)	mm (in)	527.9 (20.8)
Tailgate Opening Width – Maximum Clearance (pg. 351)	mm (in)	1,528 (60.16)
Vehicle Width – Without Mirrors (pg. 346)	mm (in)	2,018.5 (79.47)
Vehicle Width – With Tow Mirrors Non-Extended (pg. 346)	mm (in)	2,128 (83.78)
Vehicle Width – With Tow Mirrors Extended (pg. 346)	mm (in)	2,637 (103.82)

EXTERIOR MEASUREMENTS		
Item	Model→	King Cab
	Grade→	SV
	Engine→	VK56VD (5.6L)
Ground Clearance at Rear Axle	4WD mm (in)	246.2 (10.3)
Step-in Height - Front	4WD mm (in)	591 (23.3)
Step-in Height - Rear	4WD mm (in)	670 (26.4)

BODY DIMENSIONS

PASSENGER COMPARTMENT

**WARNING:**

After removal and installation of the front passenger seat, a zero point reset function must be performed. It is recommended that this be performed by a NISSAN dealer using a special tool. If zero point reset is not performed, the occupant classification system may not operate normally which may increase the risk of serious injury or death in a collision.

**WARNING:**

Do not disturb or modify the front passenger seat wiring. Failure to follow this instruction may cause incorrect operation of the occupant classification system and front passenger air bag or system failure and may increase the risk of serious injury or death in a collision.

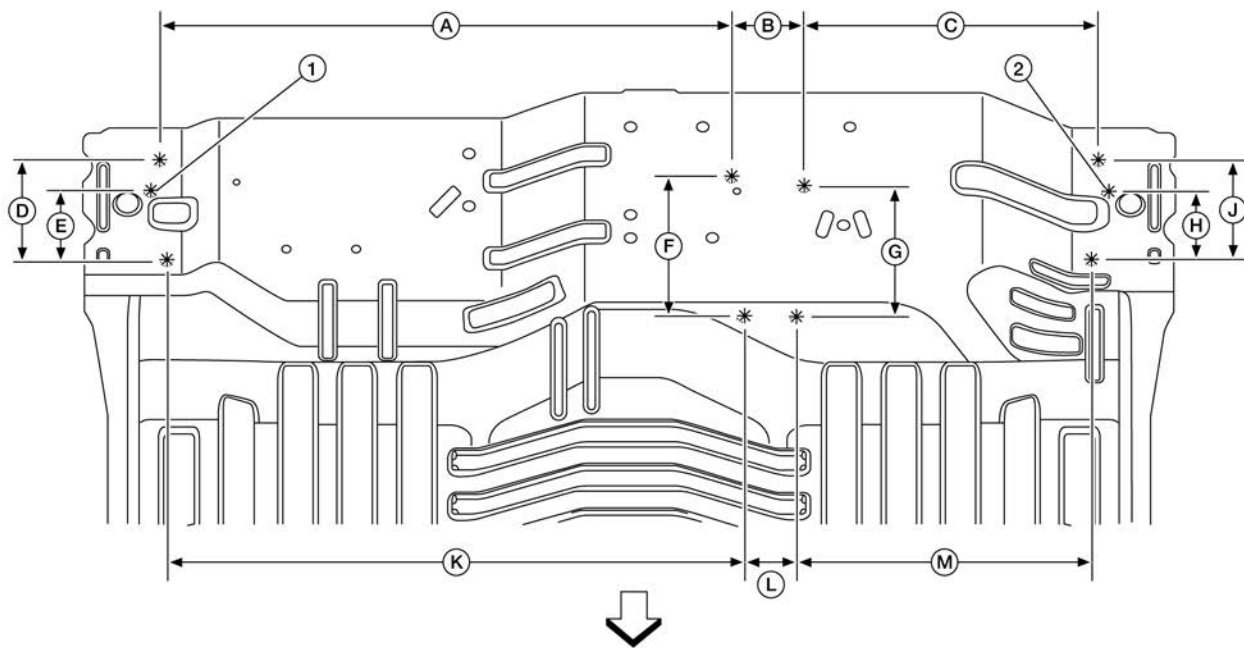
The front passenger seat is equipped with seat weight sensors as part of the supplemental restraints occupant classification system. The occupant classification sensors (weight sensors) are on the seat cushion frame under the front passenger seat and are designed to detect an occupant and objects on the seat. The front passenger air bag status lamp is illuminated when the system is disabled. For occupant classification system and front passenger air bag operation, refer to the Owner's Manual. For repair of the front passenger seat, occupant classification system, air bags or if an air bag warning lamp is illuminated, it is recommended that you visit a NISSAN dealer.

Rear Seat Mounting Holes

**WARNING:**

Do not modify the LATCH (Lower Anchors and Tethers for CHildren) system or make any other modifications to the vehicle or seats that would interfere with the proper operation of the LATCH system. Doing so may result in serious injury or death of a child in a collision.

Rear Seat Mounting Hole Dimensions — Crew Cab



AAZIA0484ZZ

↖: Front of vehicle.

1. Locator pin hole, RH seat

2. Locator pin hole, LH seat

B. 103 mm (4.06 in)

C. 421 mm (16.57 in)

A. 816 mm (32.13 in)

E. 112 mm (4.41 in)

F. 193 mm (7.60 in)

D. 165 mm (6.50 in)

H. 112 mm (4.41 in)

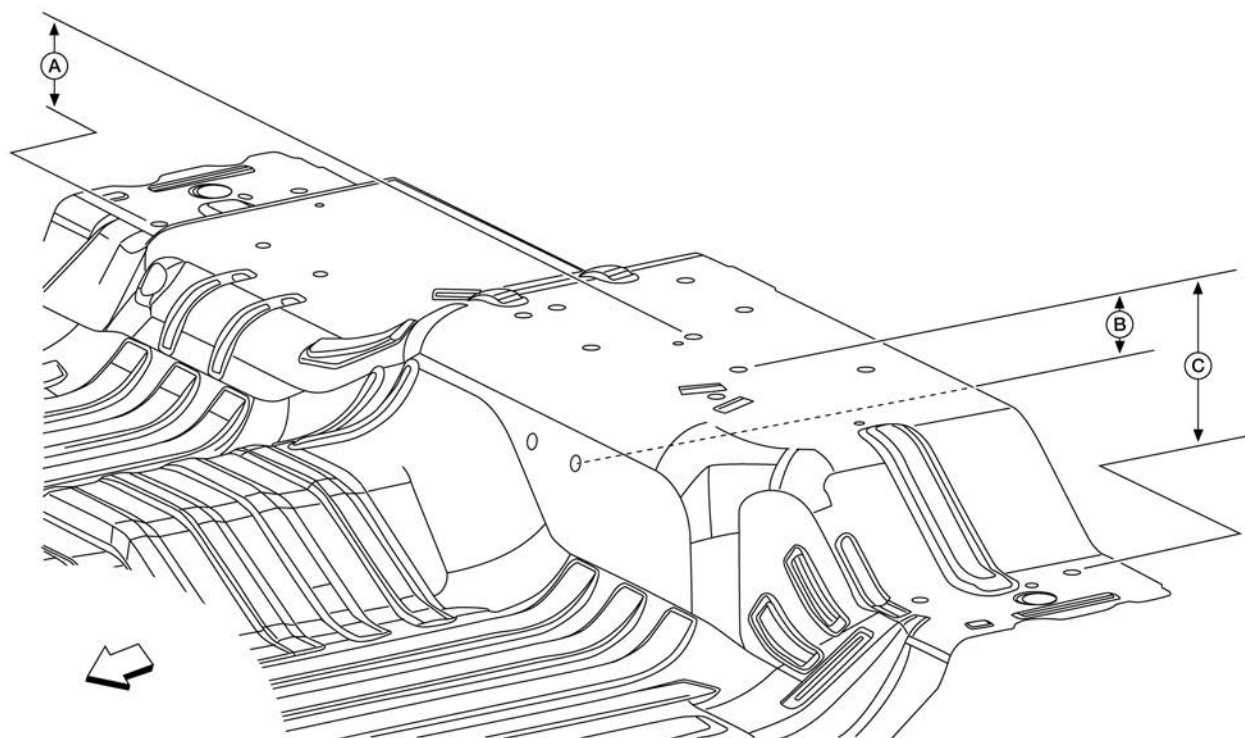
J. 165 mm (6.5 in)

G. 177 mm (6.97 in)

L. 76 mm (2.99 in)

M. 422 mm (16.61 in)

K. 822 mm (32.36 in)



AAZIA0489ZZ

: Front of vehicle.

A. 102 mm (4.02 in)

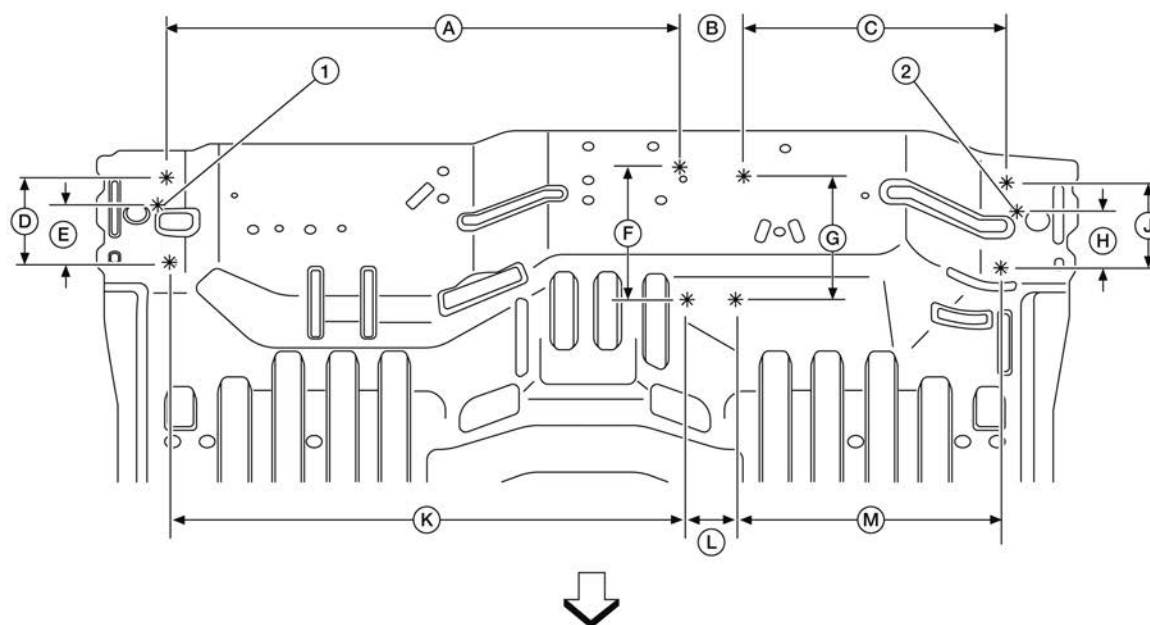
B. 64 mm (2.52 in)

C. 102 mm (4.02 in)

NOTE:

For complete removal and installation procedure of the rear seats, refer to the SE section in the service manual.

Rear Seat Mounting Hole Dimensions — King Cab®



AAZIA0921ZZ

↩: Front of vehicle.

1. Locator pin hole, RH seat

2. Locator pin hole, LH seat

B. 103 mm (4.06 in)

C. 421 mm (16.57 in)

A. 816 mm (32.13 in)

E. 112 mm (4.41 in)

F. 211 mm (8.31 in)

D. 165 mm (6.50 in)

H. 112 mm (4.41 in)

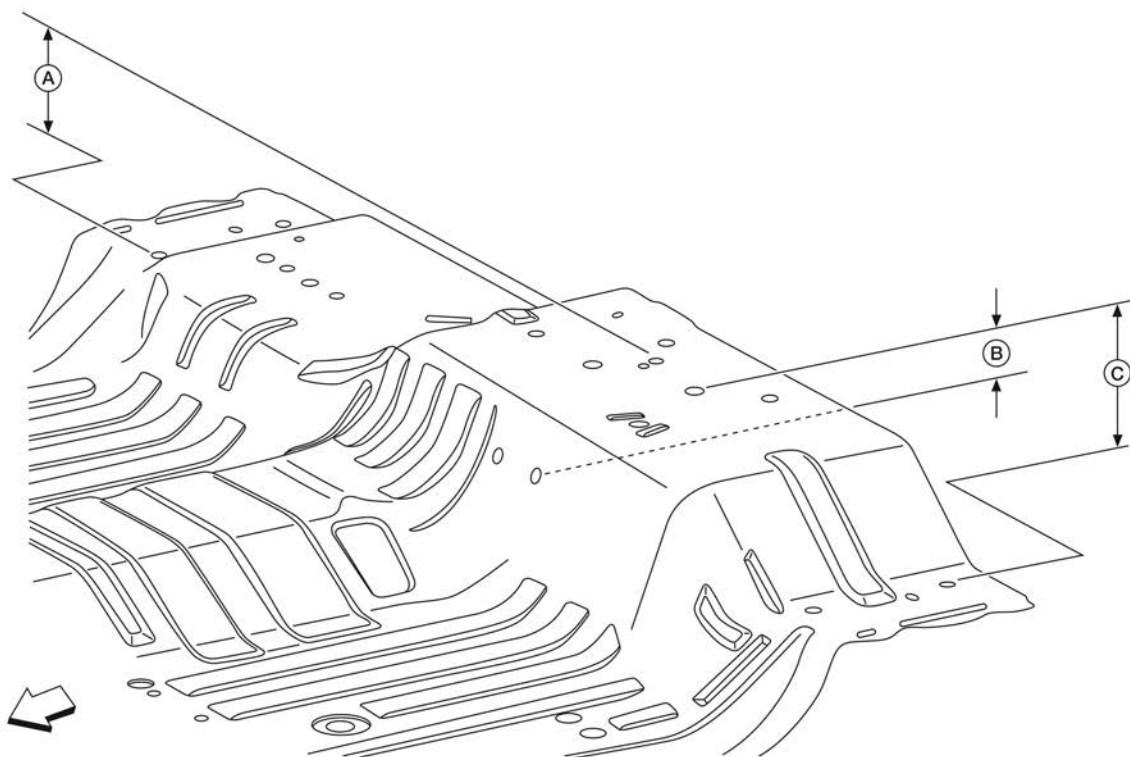
J. 165 mm (6.5 in)

G. 195 mm (7.68 in)

L. 76 mm (2.99 in)

M. 422 mm (16.61 in)

K. 822 mm (32.36 in)



AAZIA0922ZZ

: Front of vehicle.

A. 102 mm (4.02 in)

B. 62 mm (2.44 in)

C. 102 mm (4.02 in)

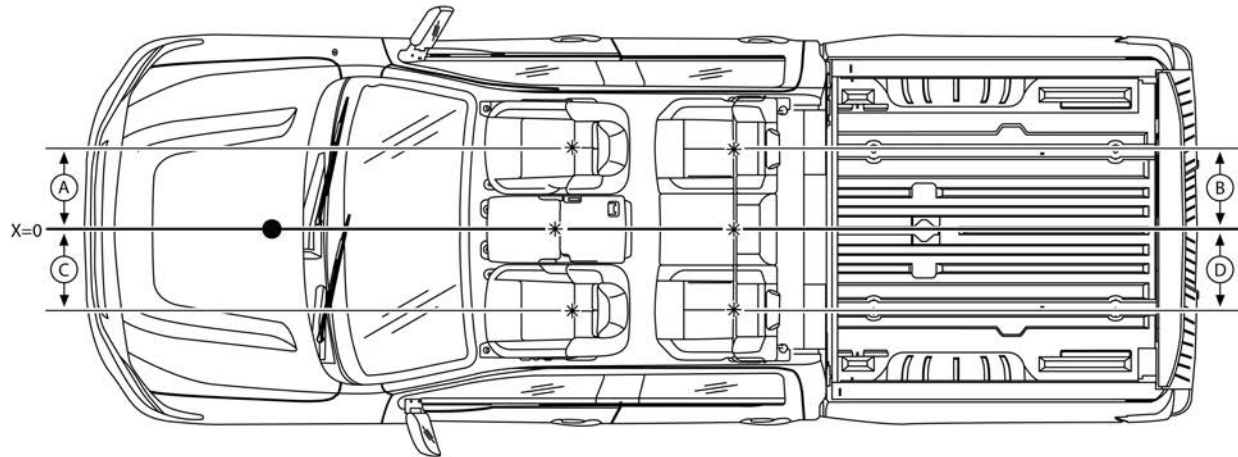
NOTE:

For complete removal and installation procedure of the rear seats, refer to the SE section in the service manual.

Seat Position Diagrams

SgRP Seat Dimensions

Crew Cab



AAZIA0696ZZ

NOTE:

Bench seating is shown. Front captain seating does not include center folding seat.

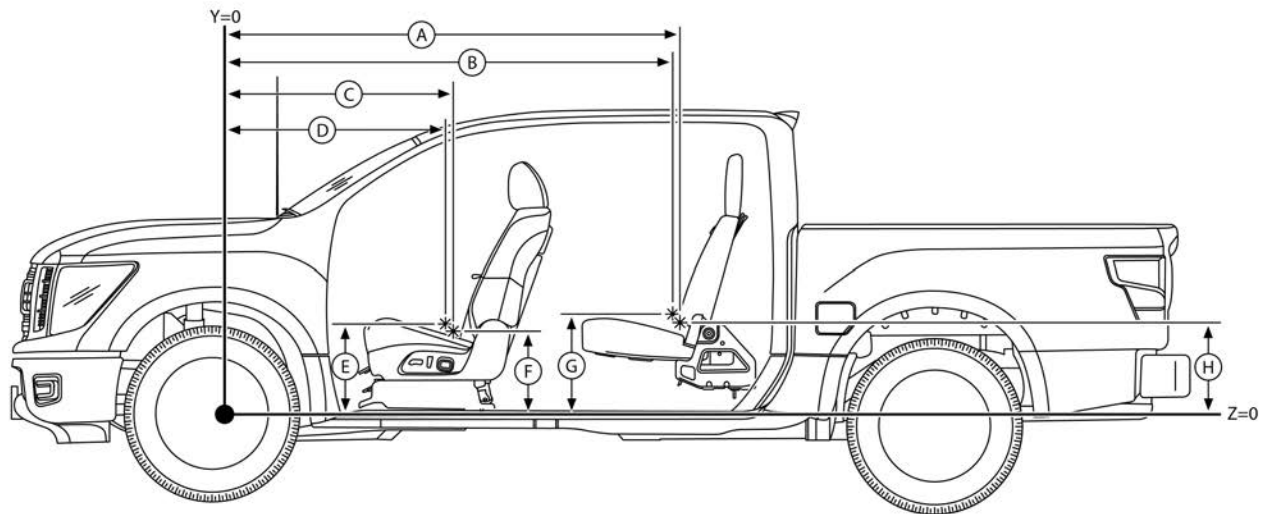
* = SgRP

A. -455 mm (-17.91 in)

B. -450 mm (-17.72 in)

C. 455 mm (17.91 in)

D. 450 mm (17.72 in)



AAZIA0697ZZ

* = SgRP

A. 2,428 mm (95.59 in),
LH and RH seats

D. 1,442 mm (56.77 in),
Center folding seat
(Bench seating only)

G. 417 mm (16.42 in),
Center seat

B. 2,418 mm (95.2 in),
Center seat

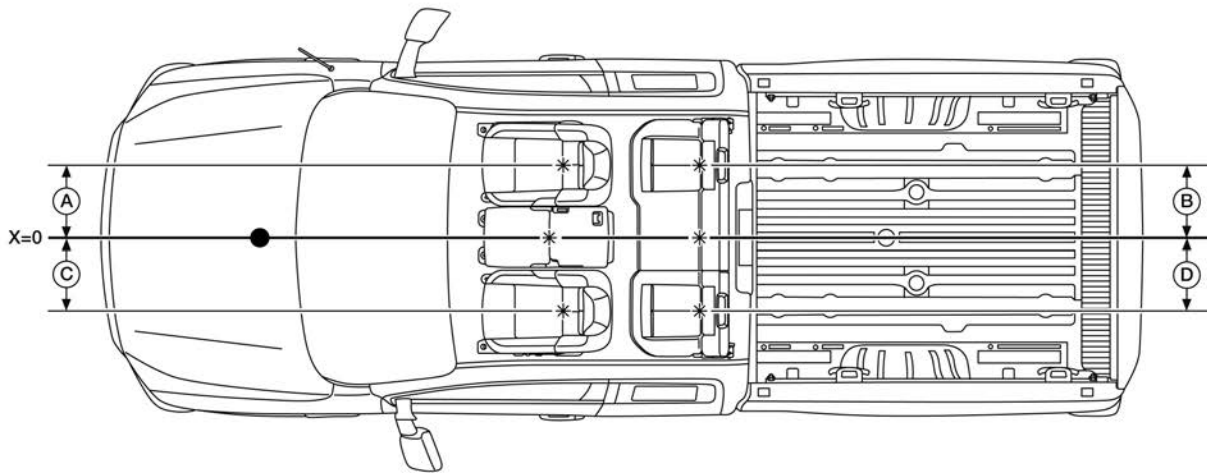
E. 420 mm (16.54 in),
Center folding seat
(Bench seating only)

H. 410 mm (16.14 in),
LH and RH seats

C. 1,527 mm (60.12 in),
LH and RH seats

F. 380 mm (14.96 in),
LH and RH seats

King Cab®



AAZIA0912ZZ

NOTE:**Bench seating is shown. Front captain seating does not include center folding seat.**

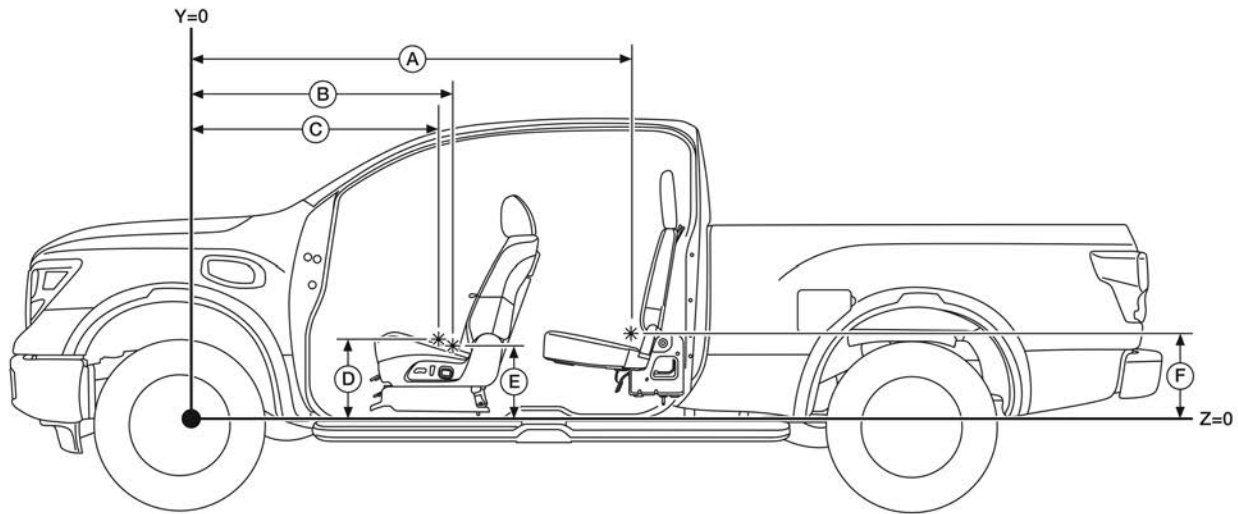
* = SgRP

A. -455 mm (-17.91 in)

B. -450 mm (-17.72 in)

C. 455 mm (17.91 in)

D. 450 mm (17.72 in)



AAZIA0913ZZ

* = SgRP

A. 2,220 mm (87.4 in),
LH, RH and center seats

B. 1,527 mm (60.12 in),
LH and RH seats

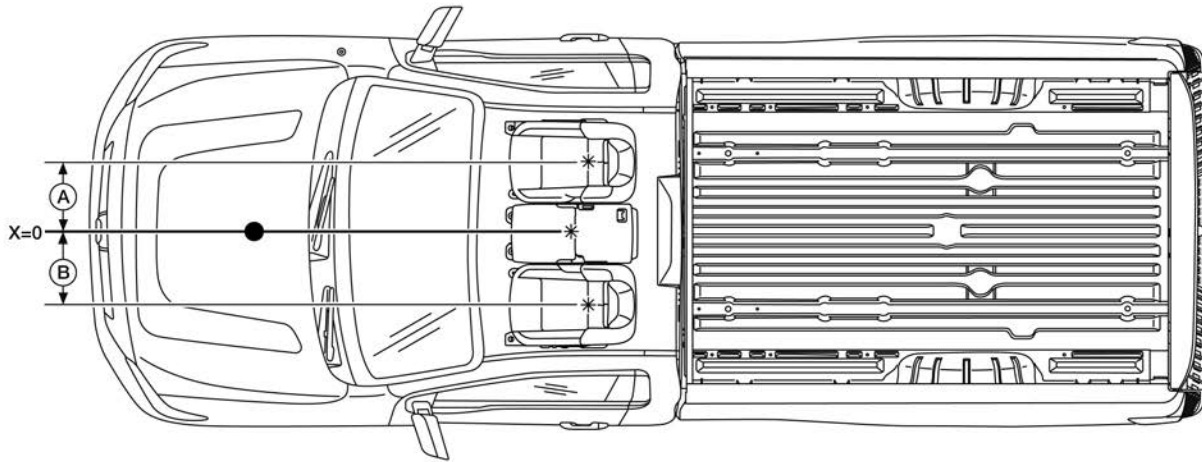
C. 1,442 mm (56.77 in),
Center folding seat
(Bench seating only)

D. 420 mm (16.54 in),
Center folding seat
(Bench seating only)

E. 380 mm (14.96 in),
LH and RH seats

F. 410 mm (16.14 in),
LH, RH and center seats

Single Cab (2017-2019 Model Years)



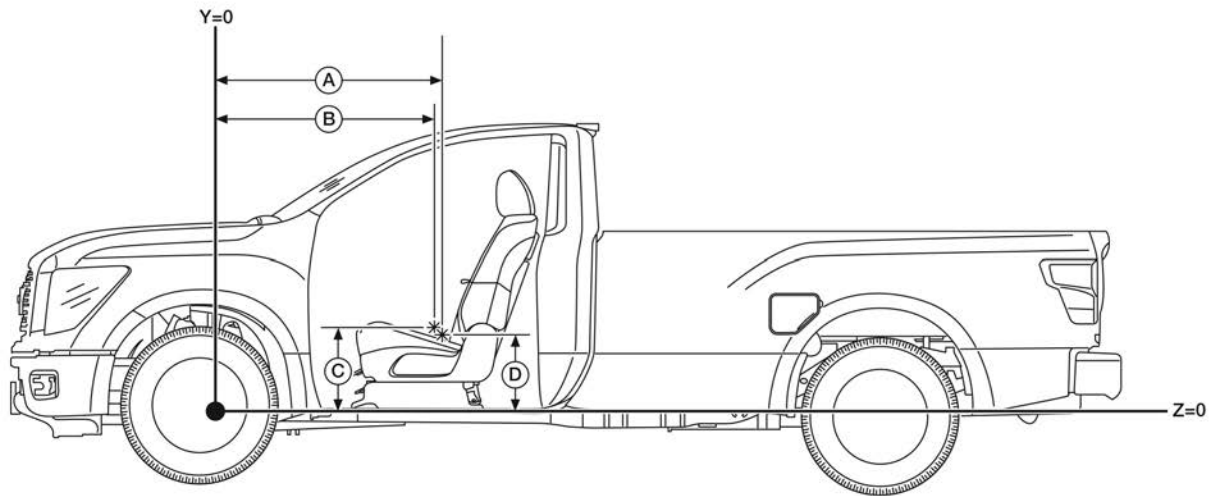
AAZIA0823ZZ

NOTE:**Bench seating is shown. Front captain seating does not include center folding seat.**

* = SgRP

A. -455 mm (-17.91 in)

B. -450 mm (-17.72 in)



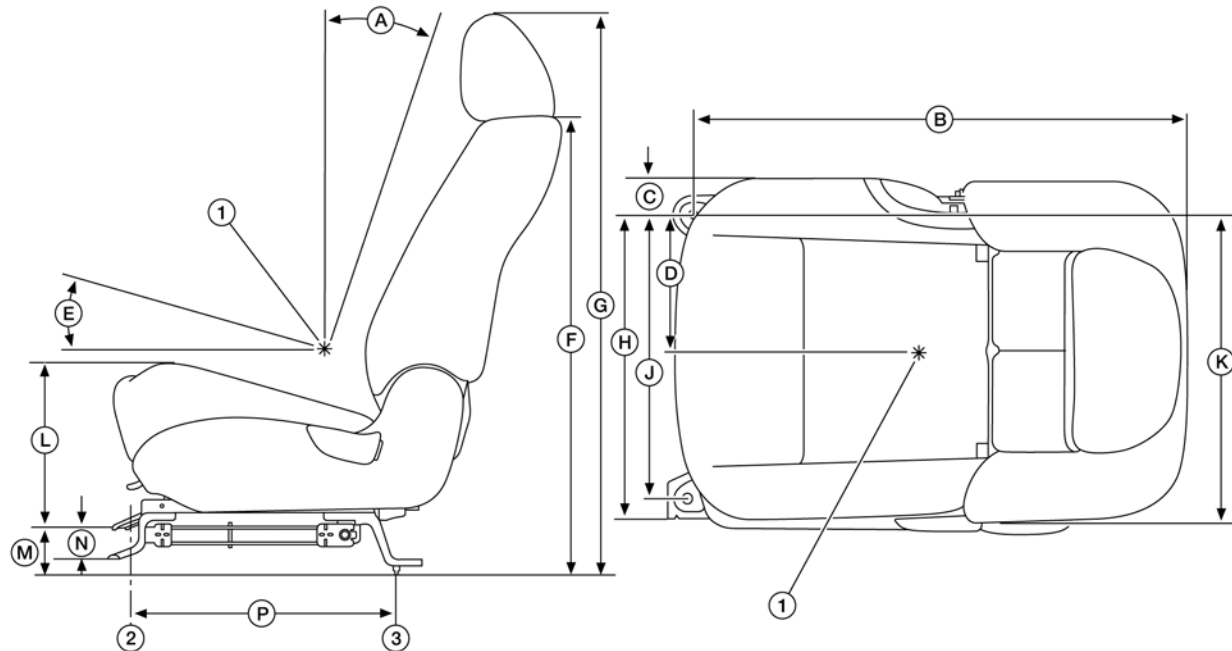
AAZIA0879ZZ

* = SgRP

A. 1,527 mm (60.12 in),
LH and RH seatsB. 1,442 mm (56.77 in),
Center folding seatC. 420 mm (16.54 in),
Center folding seatD. 380 mm (14.96 in),
LH and RH seats

All Cab Styles

LH Manual Track Front Seat

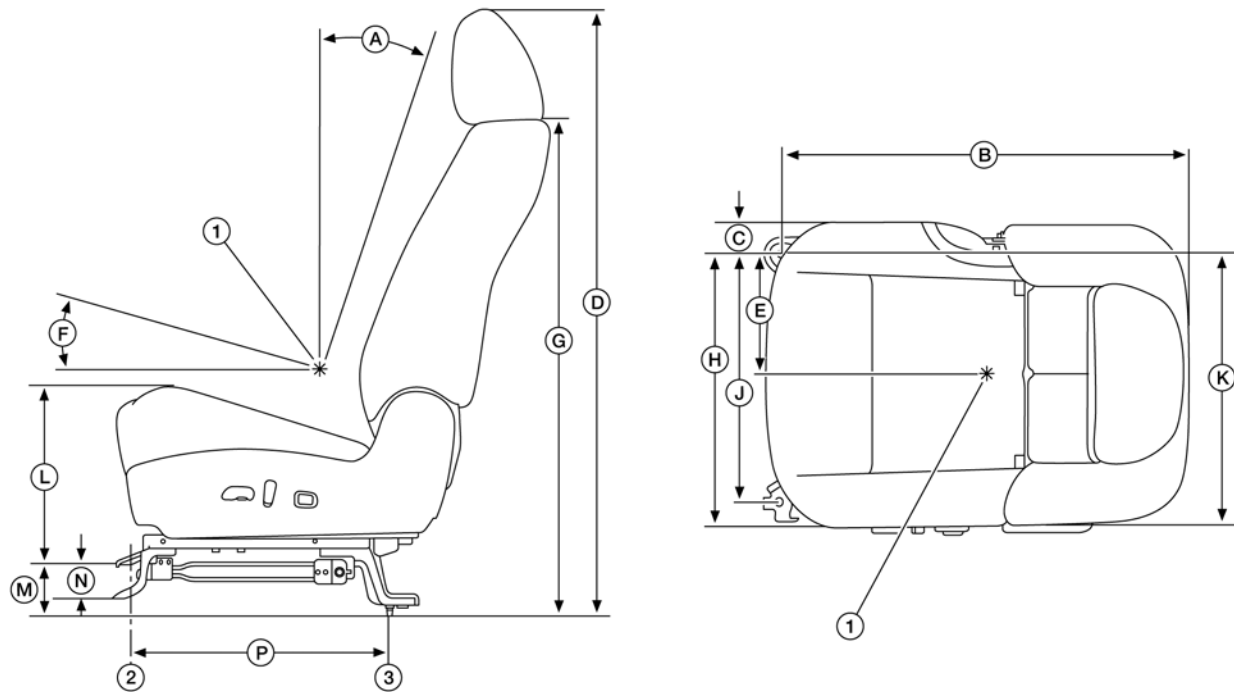


AAZIA0492ZZ

NOTE:**Seat is in full down and back position.**

1. SgRP X = 455 mm (17.91 in) Y = 1,527 mm (60.12 in) Z = 380 mm (14.96 in)	2. Center of inboard front mounting bolt hole	3. Mounting locator pin
A. Torso angle = 21°	B. 784.6 mm (30.89 in)	C. 54.2 mm (2.13 in)
D. 205 mm (8.07 in)	E. Cushion angle = 15°	F. 892.3 mm (35.13 in)
G. 1,088.5 mm (42.85 in)	H. 465.7 mm (18.33 in)	J. 425 mm (16.73 in)
K. 460.6 mm (18.13 in)	L. 314.5 mm (12.38 in)	M. 95.5 mm (3.76 in)
N. 61.2 mm (2.41 in)	P. 483.4 mm (19.03 in)	

LH Power Track Front Seat



AAZIA0493ZZ

NOTE:**Seat is in full down and back position.**

1. SgRP

X = 455 mm (17.91 in)

Y = 1,527 mm (60.12 in)

Z = 380 mm (14.96 in)

A. Torso angle = 21°

D. 1,091.9 mm (42.99 in)

G. 892 mm (35.12 in)

K. 460.6 mm (18.13 in)

N. 61.2 mm (2.41 in)

2. Center of inboard front
mounting bolt hole

B. 784.6 mm (30.89 in)

E. 205 mm (8.07 in)

H. 466.7 mm (18.37 in)

L. 318.1 mm (12.52 in)

P. 483.5 mm (19.04 in)

3. Mounting locator pin

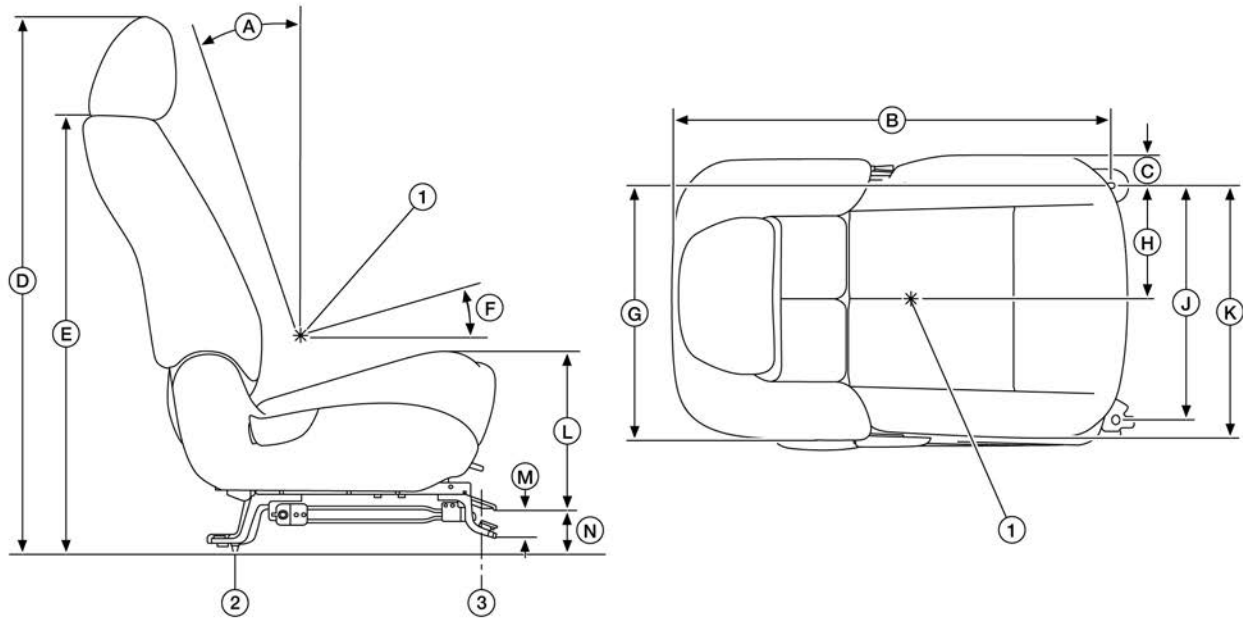
C. 54.2 mm (2.13 in)

F. Cushion angle = 15°

J. 425 mm (16.73 in)

M. 95 mm (3.74 in)

RH Manual Track Front Seat



AAZIA0494ZZ

NOTE:**Seat is in full down and back position.**

1. SgRP

X = -455 mm (-17.91 in)

Y = 1,527 mm (60.12 in)

Z = 380 mm (14.96 in)

A. Torso angle = 21°

D. 1,088.5 mm (42.85 in)

G. 460.6 mm (18.13 in)

K. 456.7 mm (17.98 in)

N. 95.5 mm (3.76 in)

2. Mounting locator pin

B. 784.6 mm (30.89 in)

E. 892.3 mm (35.13 in)

H. 205 mm (8.07 in)

L. 314.5 mm (12.38 in)

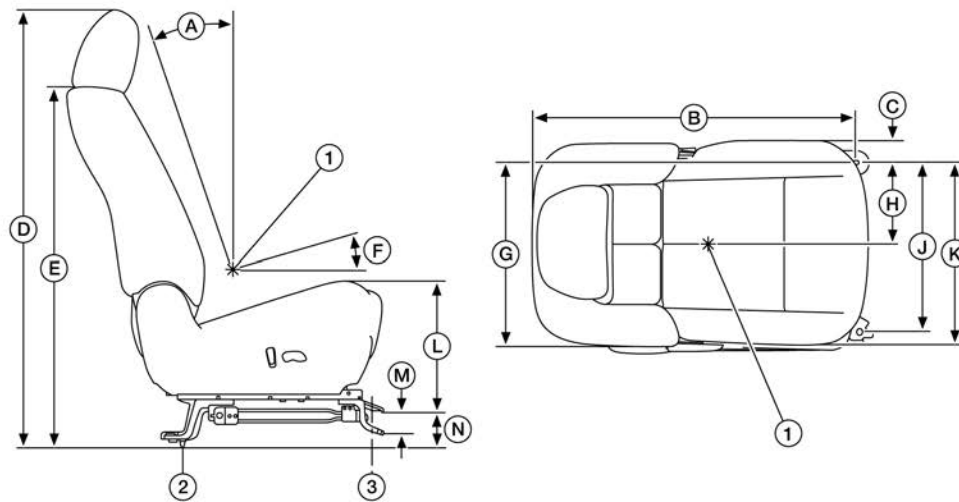
3. Center of inboard front
mounting bolt hole

C. 54.2 mm (2.13 in)

F. Cushion angle = 15°

J. 425 mm (16.73 in)

M. 61.2 mm (2.41 in)

RH Power Track Front Seat

AAZIA0495ZZ

NOTE:**Seat is in full down and back position.**

1. SgRP

X = -455 mm (-17.91 in)

Y = 1,527 mm (60.12 in)

Z = 380 mm (14.96 in)

2. Mounting locator pin

3. Center of inboard front
mounting bolt hole

A. Torso angle = 21°

B. 784.6 mm (30.89 in)

C. 54.2 mm (2.13 in)

D. 1,083.7 mm (42.67 in)

E. 891.8 mm (35.11 in)

F. Cushion angle = 15°

G. 460.6 mm (18.13 in)

H. 205 mm (8.07 in)

J. 425 mm (16.73 in)

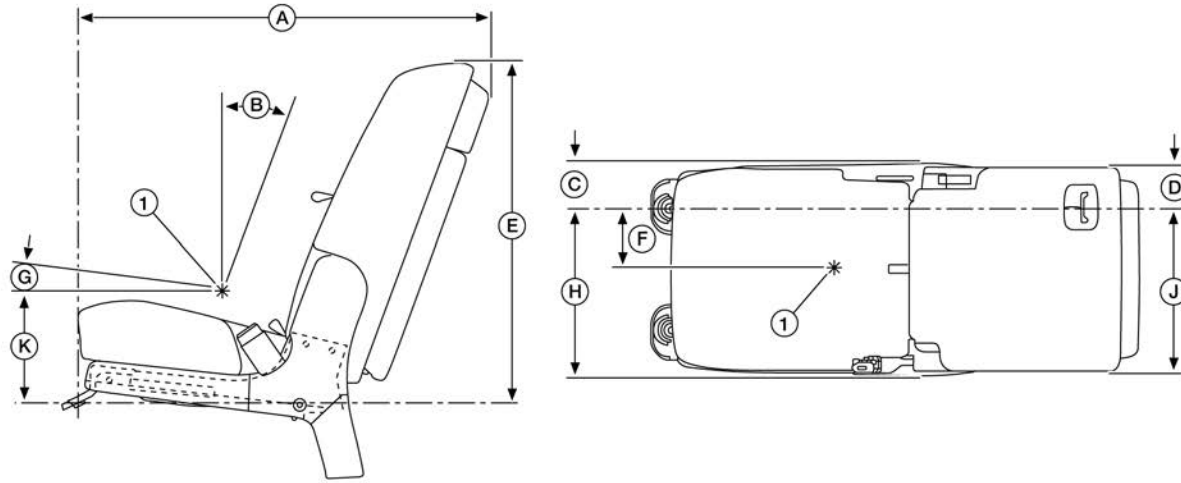
K. 456.7 mm (17.98 in)

L. 316.4 mm (12.46 in)

M. 61.2 mm (2.41 in)

N. 95 mm (3.74 in)

Center Folding Front Seat (Bench seating only)



AAZIA0496ZZ

1. SgRP

X = 0 mm (0 in)

Y = 1,442 mm (56.77 in)

Z = 420 mm (16.54 in)

C. 86 mm (3.39 in)

F. 113 mm (4.45 in)

J. 304 mm (11.97 in)

A. 8071 mm (31.78 in)

D. 79 mm (3.11 in)

G. Cushion angle = 15°

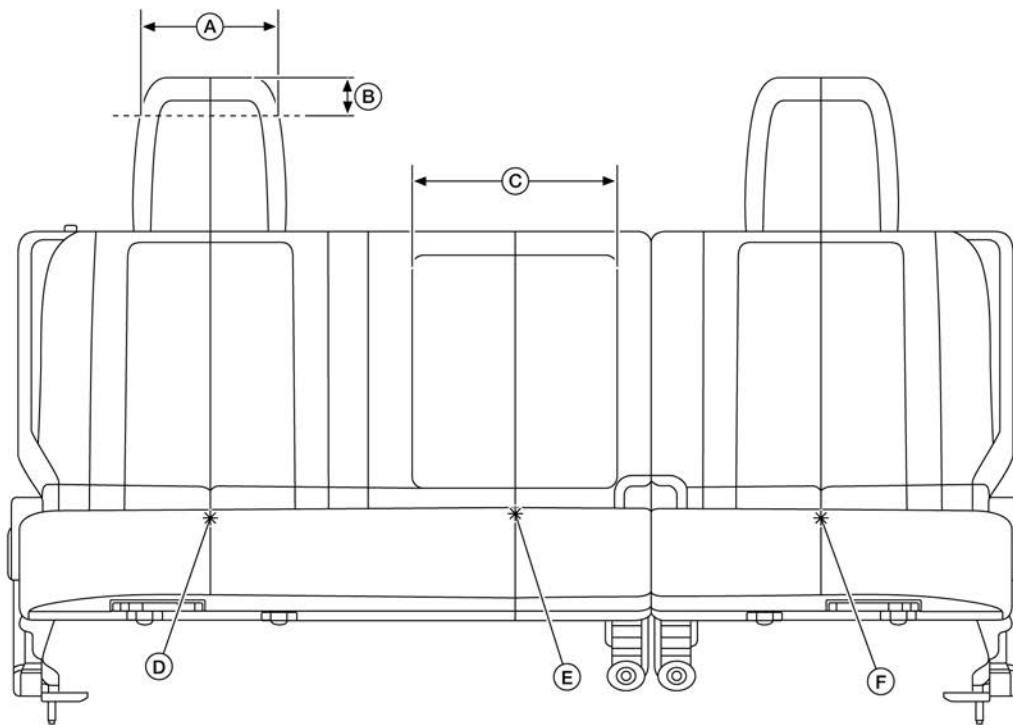
K. 228.5 mm (9.0 in)

B. Torso angle = 21°

E. 688 mm (27.09 in)

H. 311 mm (12.24 in)

SgRP Rear Seat Dimensions — Crew Cab



AAZIA0485ZZ

A. 201.2 mm (7.92 in)

B. 65 mm (2.56 in)

C. 280 mm (11.02 in)

D. X = -450 mm (-17.72 in)

E. X = 0 mm (0 in)

F. X = 450 mm (17.72 in)

Y = 2,428 mm (95.59 in)

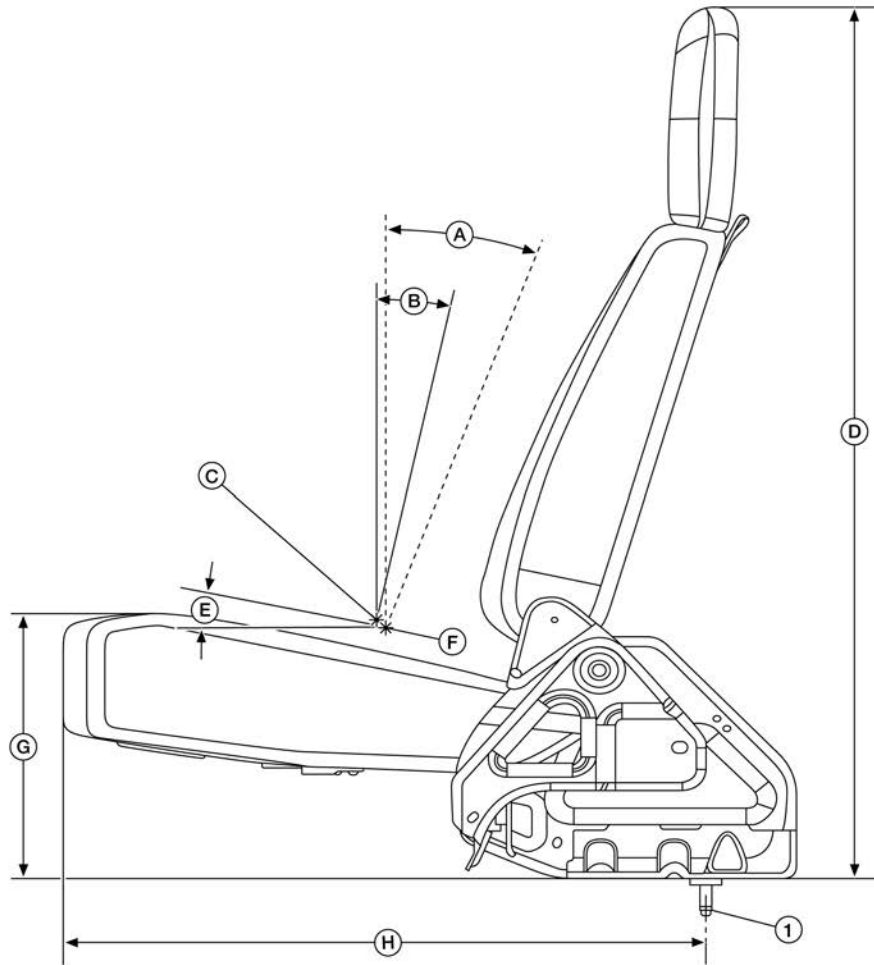
Y = 2,418 mm (95.2 in)

Y = 2,428 mm (95.59 in)

Z = 410 mm (16.14 in)

Z = 417 mm (16.42 in)

Z = 410 mm (16.14 in)



AAZIA0486ZZ

1. Mounting locator pin

A. Torso angle = 20°
(LH and RH seats)B. Torso angle = 12°
(center seat)

D. 1,004.1 mm (39.53 in)

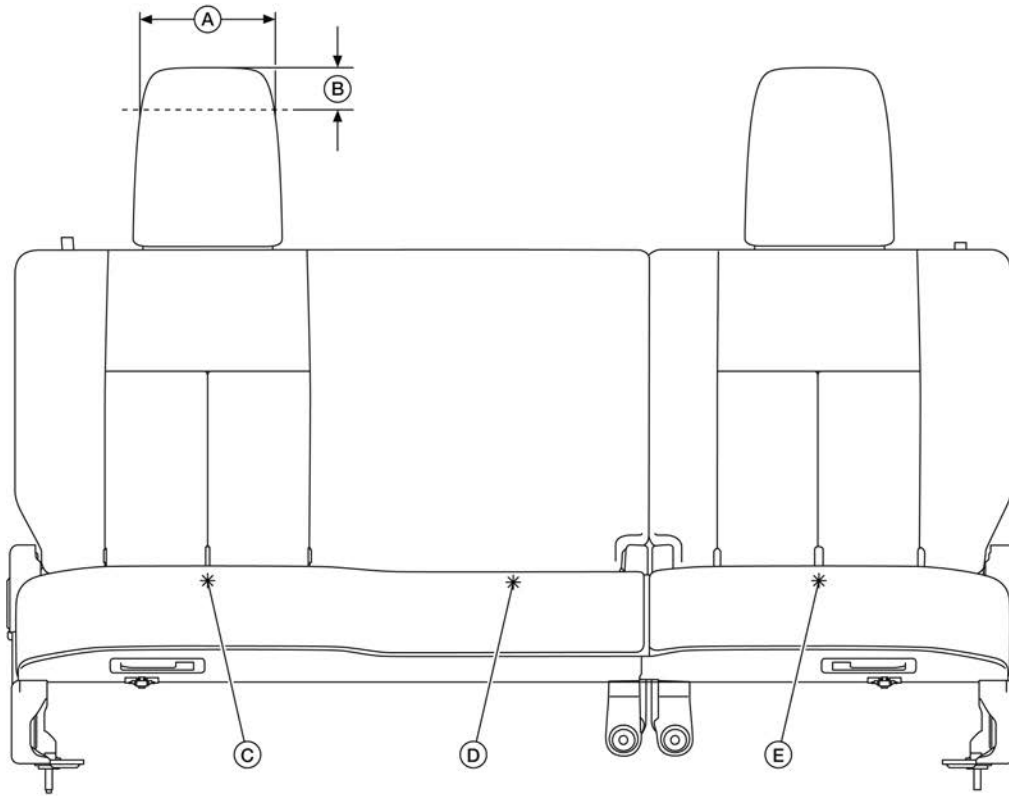
E. Cushion angle = 12°

C. X = 0 mm (0 in)
Y = 2,418 mm (95.2 in)
Z = 417 mm (16.42 in)
(Center seat)F. X: 450 mm (17.72 in) (LH),
-450 mm (-17.72 in) (RH)
Y: 2,428 mm (95.59 in)
Z: 410 mm (16.14 in)

G. 309.4 mm (12.18 in)

H. 661.2 mm (26.03 in)

SgRP Rear Seat Dimensions — King Cab®



AAZIA0930ZZ

A. 200 mm (7.87 in)

B. 65 mm (2.56 in)

C. X = -450 mm (-17.72 in)

D. X = 0 mm (0 in)

E. X = 450 mm (17.72 in)

Y = 2,220 mm (87.4 in)

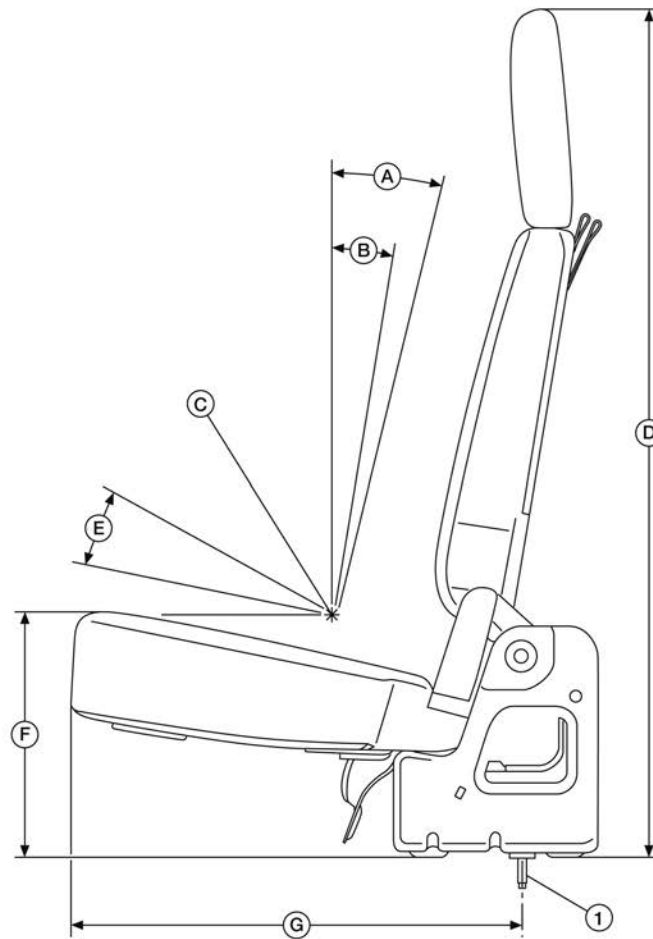
Y = 2,220 mm (87.4 in)

Y = 2,220 mm (87.4 in)

Z = 410 mm (16.14 in)

Z = 417 mm (16.42 in)

Z = 410 mm (16.14 in)



AAZIA0931ZZ

1. Mounting locator pin

A. Torso angle = 18°
(LH and RH seats)B. Torso angle = 9°
(center seat)C. X: 450 mm (17.72 in) (LH),
-450 mm (-17.72 in) (RH)
0 mm (0 in) (center)

D. 1,032.5 mm (40.65 in)

E. Cushion angle = 12°

Y: 2,220 mm (87.4 in)

Z: 410 mm (16.14 in)

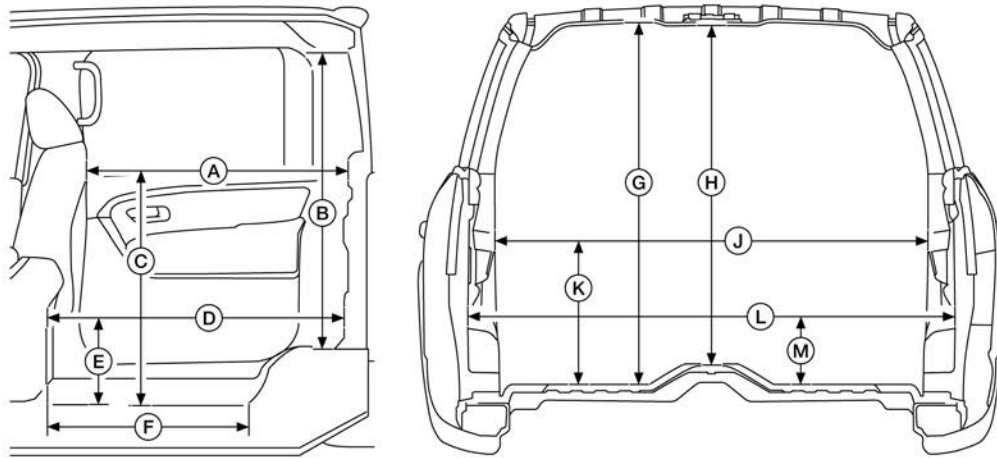
F. 296.3 mm (11.67 in)

G. 547.5 mm (21.56 in)

CARGO AREA

Interior Dimensions—Crew Cab

Overall (Without Moonroof)



AAZIA0506ZZ

A. Maximum cargo length behind front seat back (full upright position):

- Rear-most seat position: 1,030 mm (40.55 in)
- Front-most seat position: 1,280 mm (50.39 in)

D. Maximum cargo length behind center console: 995 mm (39.17 in)

G. Maximum cargo height: 1,260 mm (49.61 in)

K. Reference height from floor: 570 mm (22.44 in)

B. Height at rear: 1,064 mm (41.89 in)

E. Reference height from floor: 380 mm (14.96 in)

H. Maximum cargo height: 1,174 mm (46.22 in)

L. Maximum cargo width between C-pillars: 1,548 mm (60.94 in)

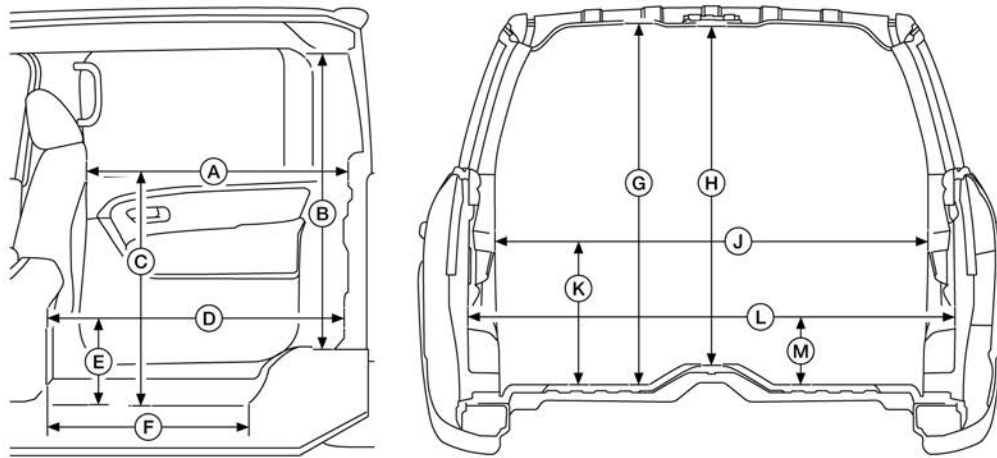
C. Reference height from floor: 830 mm (32.68 in)

F. Maximum cargo length at floor behind seat: 680 mm (26.77 in)

J. Maximum cargo width between rear door arm rests: 1,496 mm (58.90 in)

M. Reference height from floor: 480 mm (18.9 in)

Overall (With Moonroof)



AAZIA0506ZZ

A. Maximum cargo length behind front seat back (full upright position):

- Rear-most seat position: 1,030 mm (40.55 in)
- Front-most seat position: 1,280 mm (50.39 in)

D. Maximum cargo length behind center console: 995 mm (39.17 in)

G. Maximum cargo height: 1,220.0 mm (48.03 in)

K. Reference height from floor: 570 mm (22.44 in)

B. Height at rear: 1,0616 mm (40.0 in)

E. Reference height from floor: 380 mm (14.96 in)

H. Maximum cargo height: 1,151 mm (45.3 in)

L. Maximum cargo width between C-pillars: 1,548 mm (60.94 in)

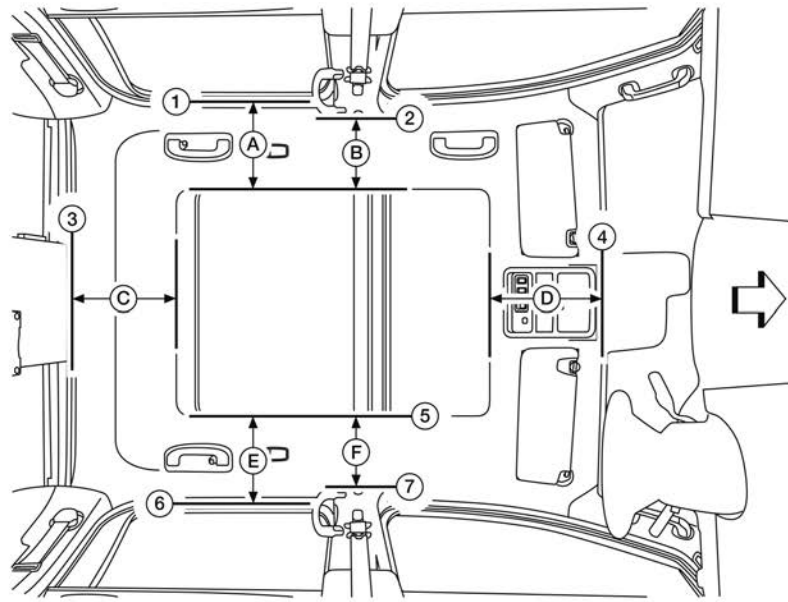
C. Reference height from floor: 830 mm (32.68 in)

F. Maximum cargo length at floor behind seat: 680 mm (26.77 in)

J. Maximum cargo width between rear door arm rests: 1,496 mm (58.90 in)

M. Reference height from floor: 480 mm (18.9 in)

Moonroof



TGAAZIA0105ZZ

↖: Front of vehicle.

1. Reference point: Door glass trim edge

2. Reference point: Inside edge of center pillar upper finisher at headlining

3. Reference point: Rear window glass trim edge

4. Reference point: Headlining edge at windshield

5. Reference point: headlining edge at moonroof

6. Reference point: Door glass trim edge

7. Reference point: Inside edge of center pillar upper finisher at headlining

A. 266.7 mm (10.5 in)

B. 228.6 mm (9.0 in)

C. 336.55 mm (13.25 in)

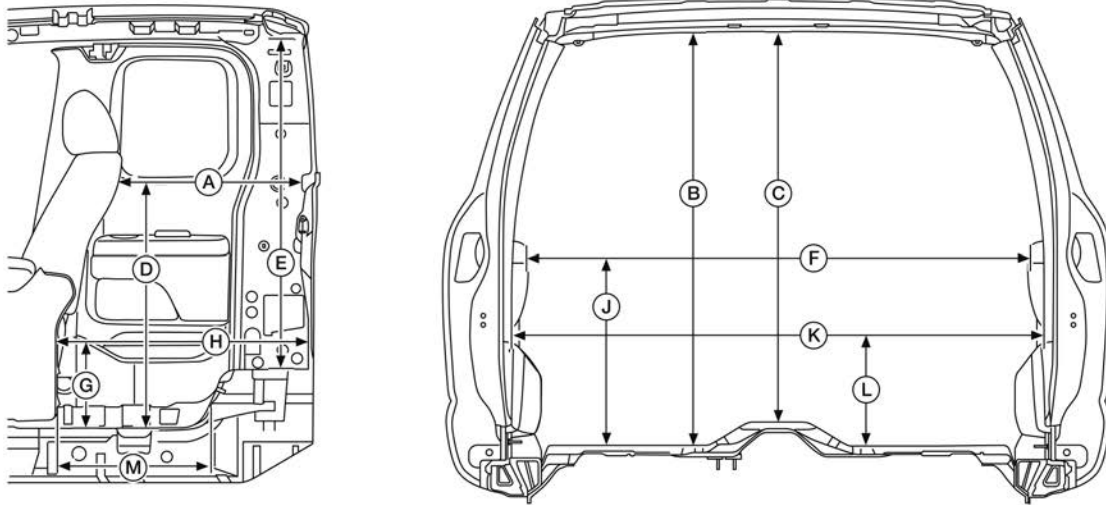
D. 393.7 mm (15.5 in)

E. 266.7 mm (10.5 in)

F. 228.6 mm (9.0 in)

Interior Dimensions—King Cab®

Overall



AAZIA0920ZZ

A. Maximum cargo length behind front seat back (full upright position):

- Rear-most seat position:
710 mm (27.95 in)
- Front-most seat position:
960 mm (37.8 in)

D. Reference height from floor:
830 mm (32.68 in)

G. Reference height from floor:
380 mm (14.96 in)

K. Maximum cargo width between rear pillars:
1,526 mm (60.08 in)

B. Maximum cargo height:
1,260 mm (49.61 in)

E. Height at rear:
1,064 mm (41.89 in)

H. Maximum cargo length behind center console:
710 mm (27.95 in)

L. Reference height from floor:
480 mm (18.9 in)

C. Maximum cargo height:
1,174 mm (46.22 in)

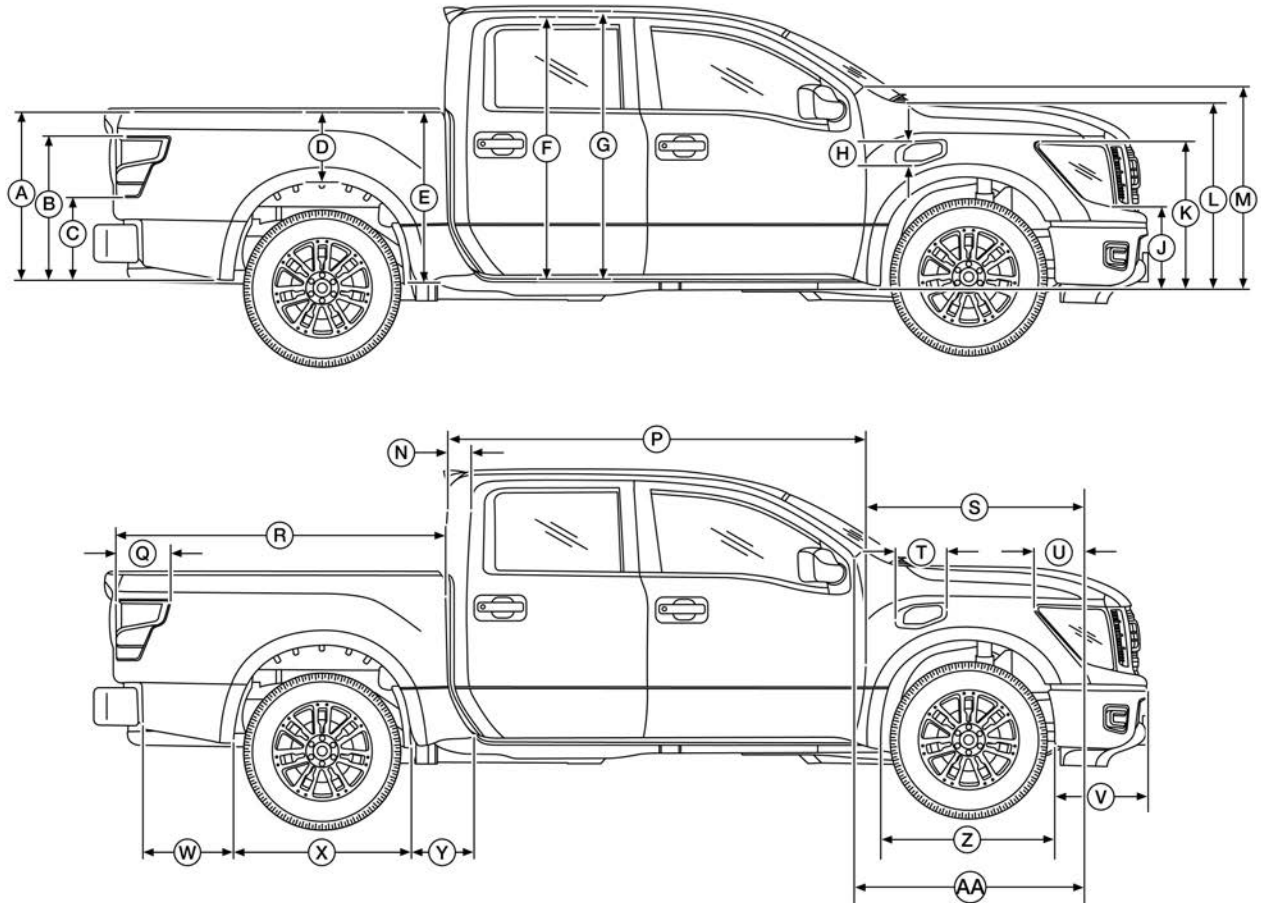
F. Maximum cargo width between rear door arm rests:
1,496 mm (58.90 in)

J. Reference height from floor:
570 mm (22.44 in)

M. Maximum cargo length at floor behind seat:
440 mm (17.32 in)

SIGN AREA – CREW CAB

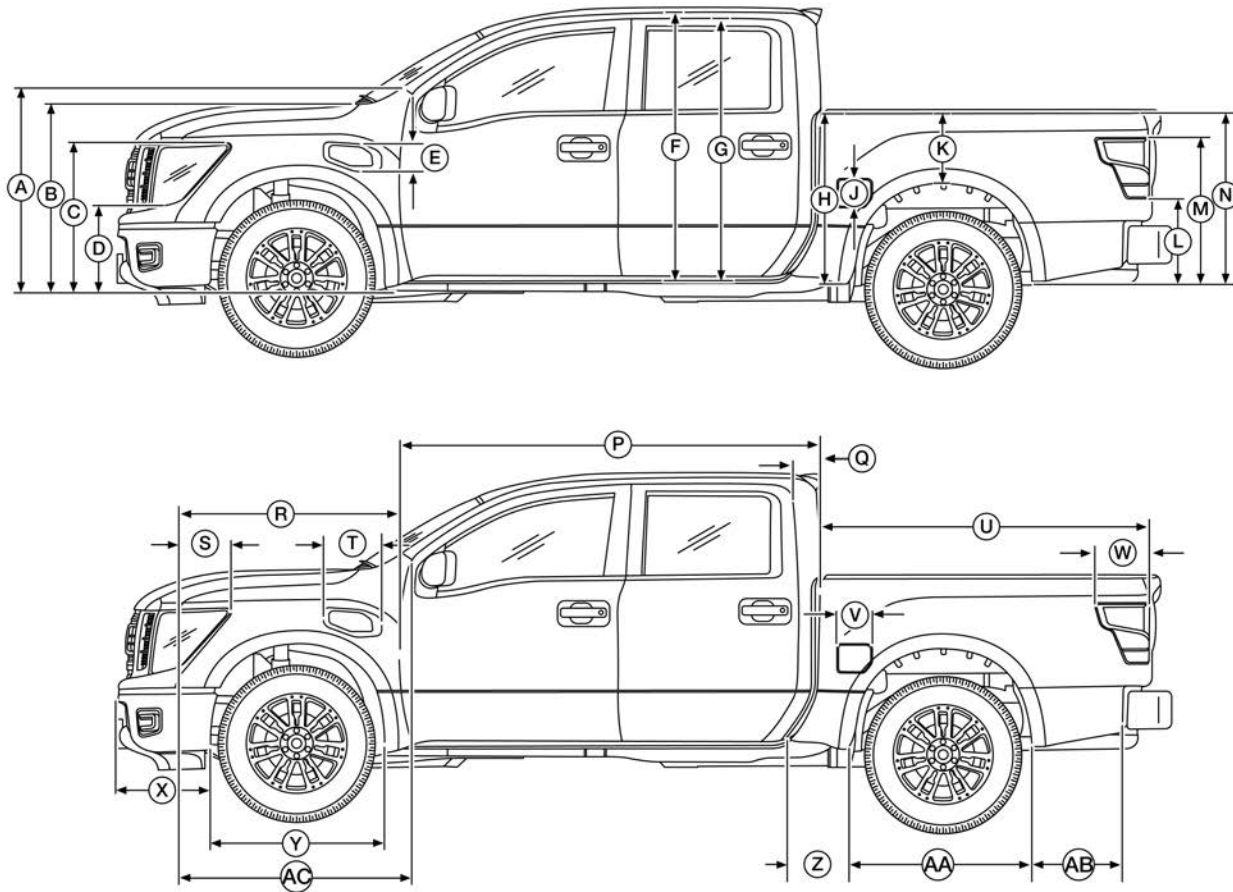
RH Exterior Dimensions



AAZIA0702ZZ

A. 933 mm (36.73 in)	B. 804 mm (31.65 in)	C. 457 mm (17.99 in)
D. 392 mm (15.43 in)	E. 930 mm (36.61 in)	F. 1,439 mm (56.65 in)
G. 1,468 mm (57.80 in)	H. 170 mm (6.69 in) (2017 Model Year Only)	J. 460 mm (18.11 in)
K. 780 mm (30.71 in)	L. 1,000 mm (39.37 in)	M. 1,040 mm (40.94 in)
N. 127 mm (5.0 in)	P. 2,314 mm (91.10 in)	Q. 300 mm (11.81 in)
R. 1,802 mm (70.94 in)	S. 1,272 mm (50.08 in)	T. 326 mm (12.83 in) (2017 Model Year Only)
U. 286 mm (11.26 in)	V. 545.39 mm (21.47 in) (2017-2019 Model Years) 501 mm (19.7 in) (Starting 2020 model year)	W. 505 mm (19.88 in) (2017-2019 Model Years) 782 mm (30.8 in) (Starting 2020 model year)
X. 980 mm (38.58 in)	Y. 340 mm (13.39 in)	Z. 860 mm (33.86 in)
AA. 1,266 mm (49.84 in)		

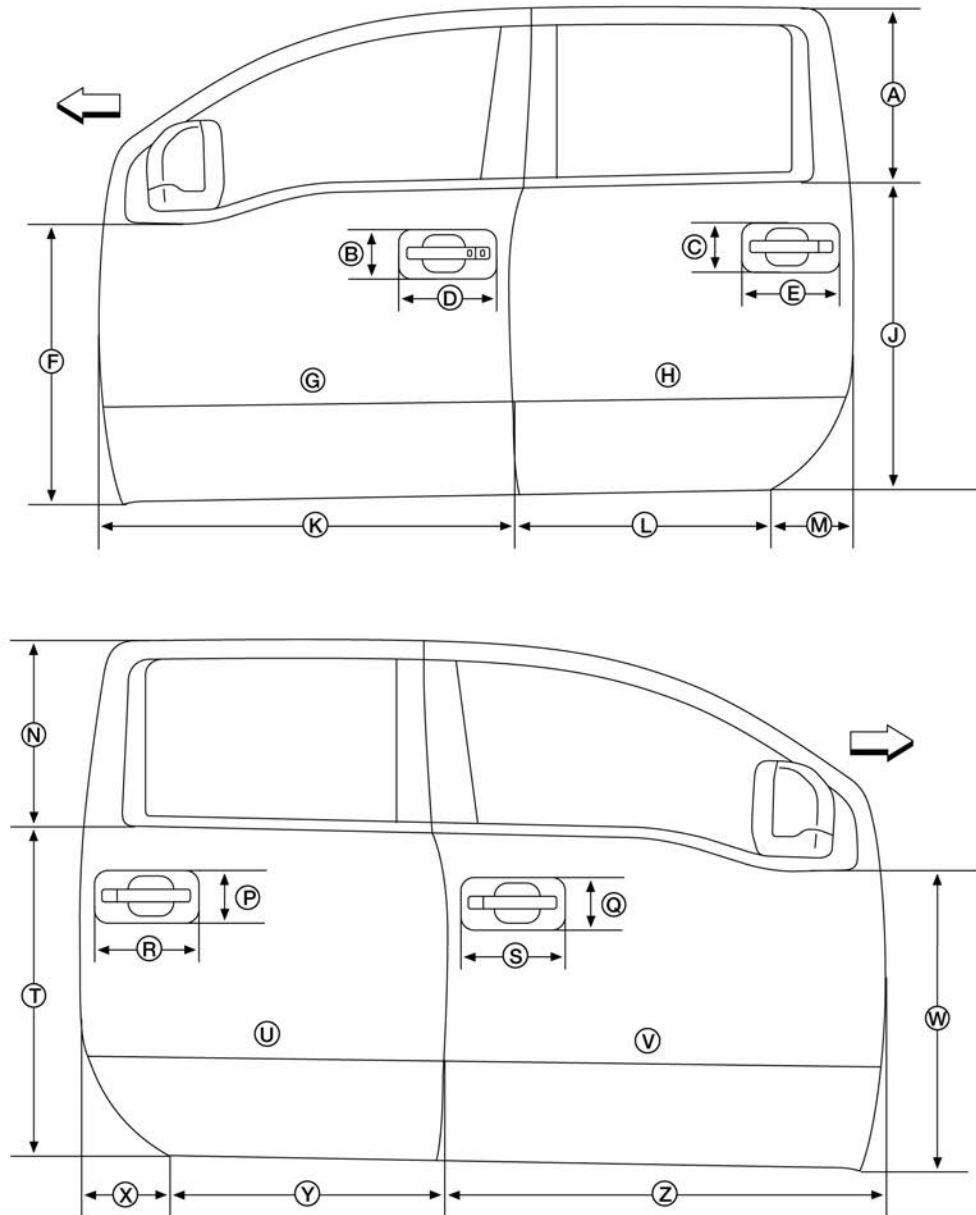
LH Exterior Dimensions



AAZIA0703ZZ

A. 1,040 mm (40.94 in)	B. 1,000 mm (39.37 in)	C. 780 mm (30.71 in)
D. 460 mm (18.11 in)	E. 170 mm (6.69 in) (2017 Model Year Only)	F. 1,468 mm (57.80 in)
G. 1,439 mm (56.65 in)	H. 930 mm (36.61 in)	J. 144 mm (5.67 in)
K. 392 mm (15.43 in)	L. 457 mm (17.99 in)	M. 804 mm (31.65 in)
N. 933 mm (36.73 in)	P. 2,314 mm (91.10 in)	Q. 127 mm (5.0 in)
R. 1,272 mm (50.08 in)	S. 286 mm (11.26 in)	T. 326 mm (12.83 in) (2017 Model Year Only)
U. 1,802 mm (70.94 in)	V. 182 mm (7.17 in)	W. 300 mm (11.81 in)
X. 545.39 mm (21.47 in) (2017-2019 Model Years) 501 mm (19.7 in) (Starting 2020 model year)	Y. 860 mm (33.86 in)	Z. 340 mm (13.39 in)
AA. 980 mm (38.58 in)	AB. 505 mm (19.88 in) (2017-2019 Model Years) 782 mm (30.8 in) (Starting 2020 model year)	AC. 1,266 mm (49.84 in)

Door Sign Area



AAZIA0500ZZ

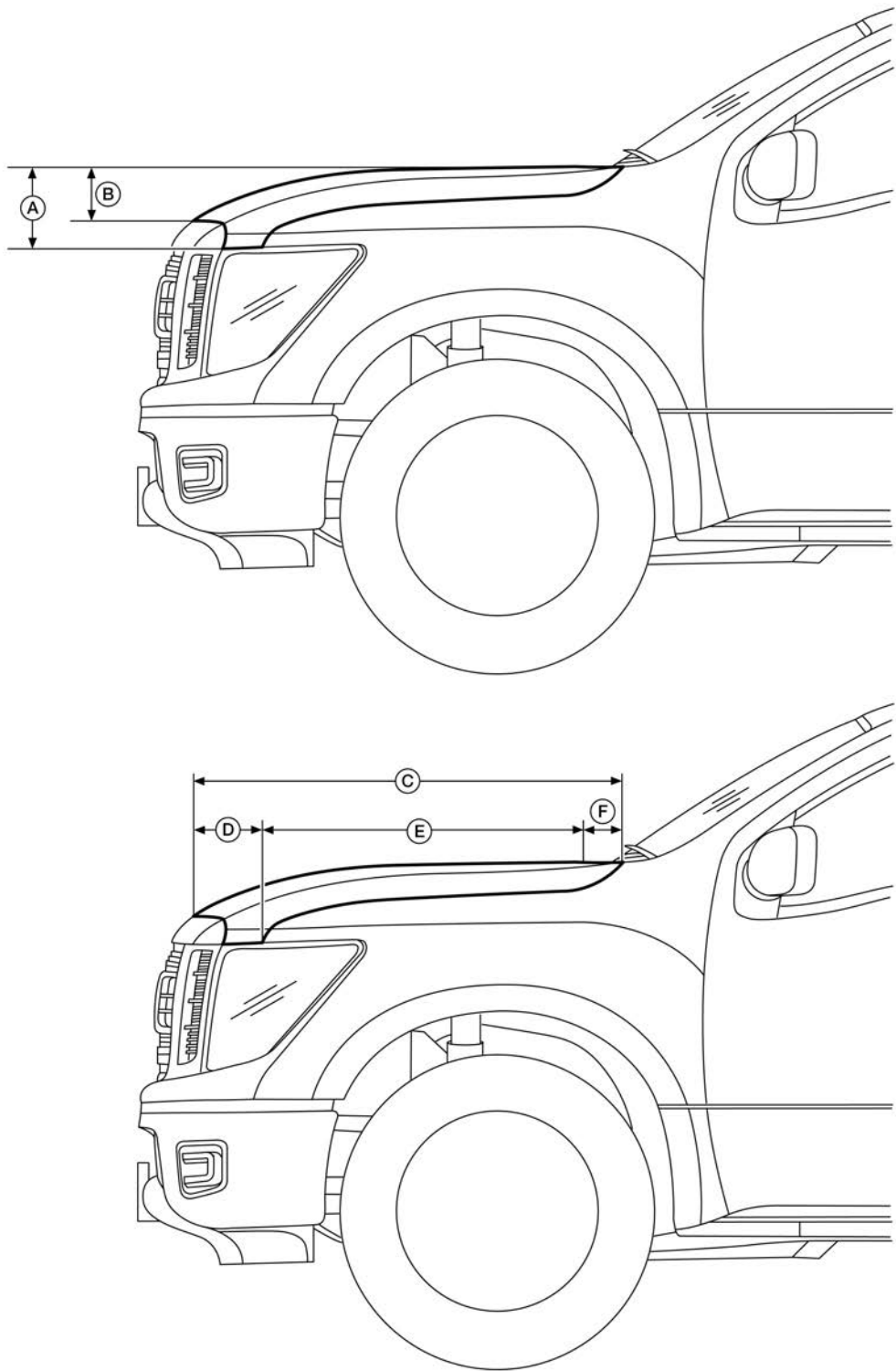
↔: Front of vehicle.

A. 505 mm (19.88 in)
 D. 286 mm (11.26 in)
 G. 1.27 m² (13.67 ft²)
 K. 1,203 mm (47.36 in)
 N. 505 mm (19.88 in)
 R. 286 mm (11.26 in)
 U. 1.15 m² (12.38 ft²)
 X. 223 mm (8.78 in)

B. 149 mm (5.87 in)
 E. 286 mm (11.26 in)
 H. 1.15 m² (12.38 ft²)
 L. 768 mm (30.24 in)
 P. 149 mm (5.87 in)
 S. 286 mm (11.26 in)
 V. 1.27 m² (13.67 ft²)
 Y. 768 mm (30.24 in)

C. 149 mm (5.87 in)
 F. 807 mm (31.77 in)
 J. 888 mm (34.96 in)
 M. 223 mm (8.78 in)
 Q. 149 mm (5.87 in)
 T. 888 mm (34.96 in)
 W. 807 mm (31.77 in)
 Z. 1,203 mm (47.36 in)

Hood Surface Exterior Dimensions



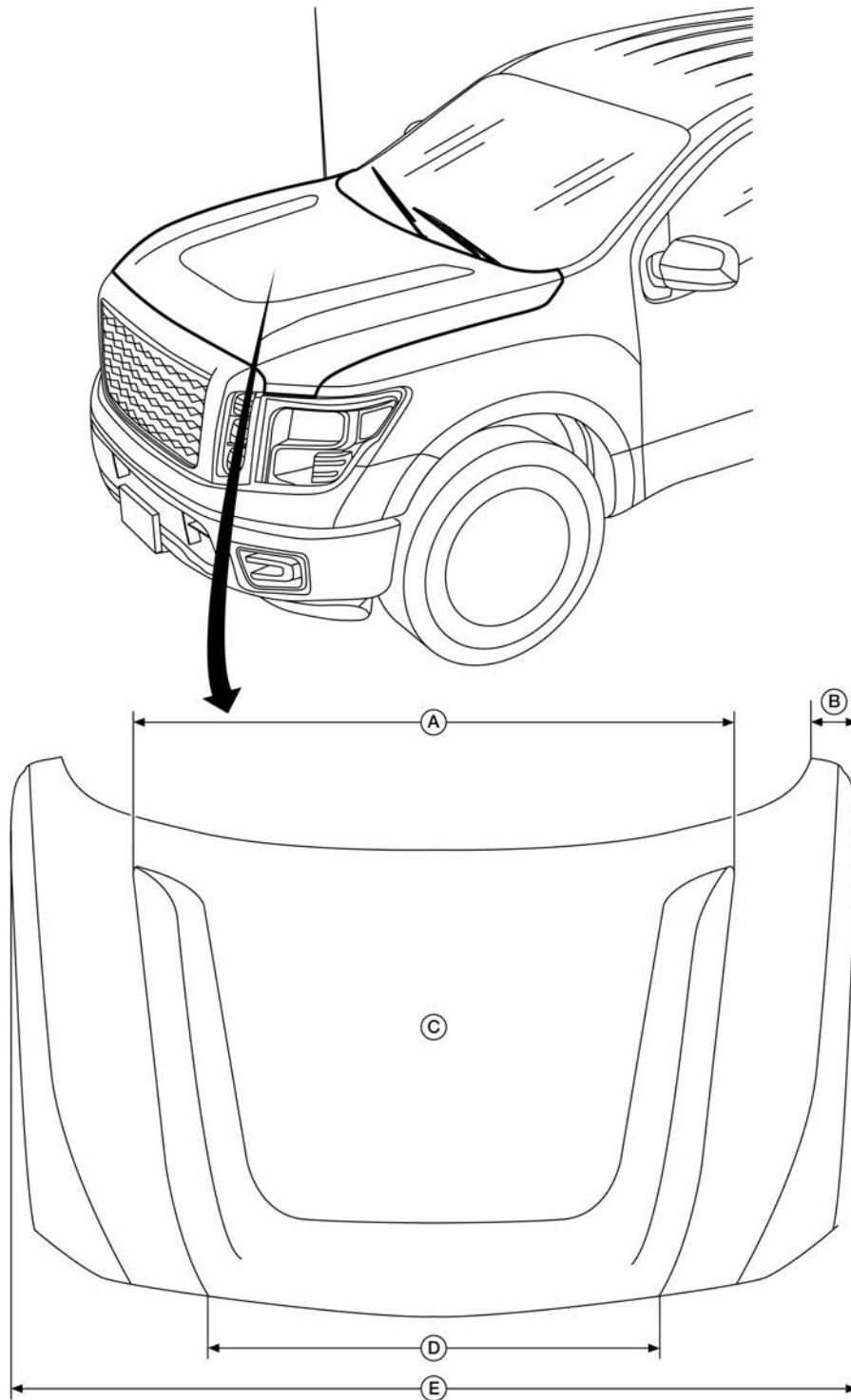
AAZIA0717ZZ

A. 216 mm (8.50 in)
D. 158 mm (6.22 in)

B. 136 mm (5.35 in)
E. 826 mm (32.52 in)

C. 1,172 mm (46.14 in)
F. 188 mm (7.40 in)

Hood area



AAZIA0718ZZ

A. 1,260 mm (49.61 in)

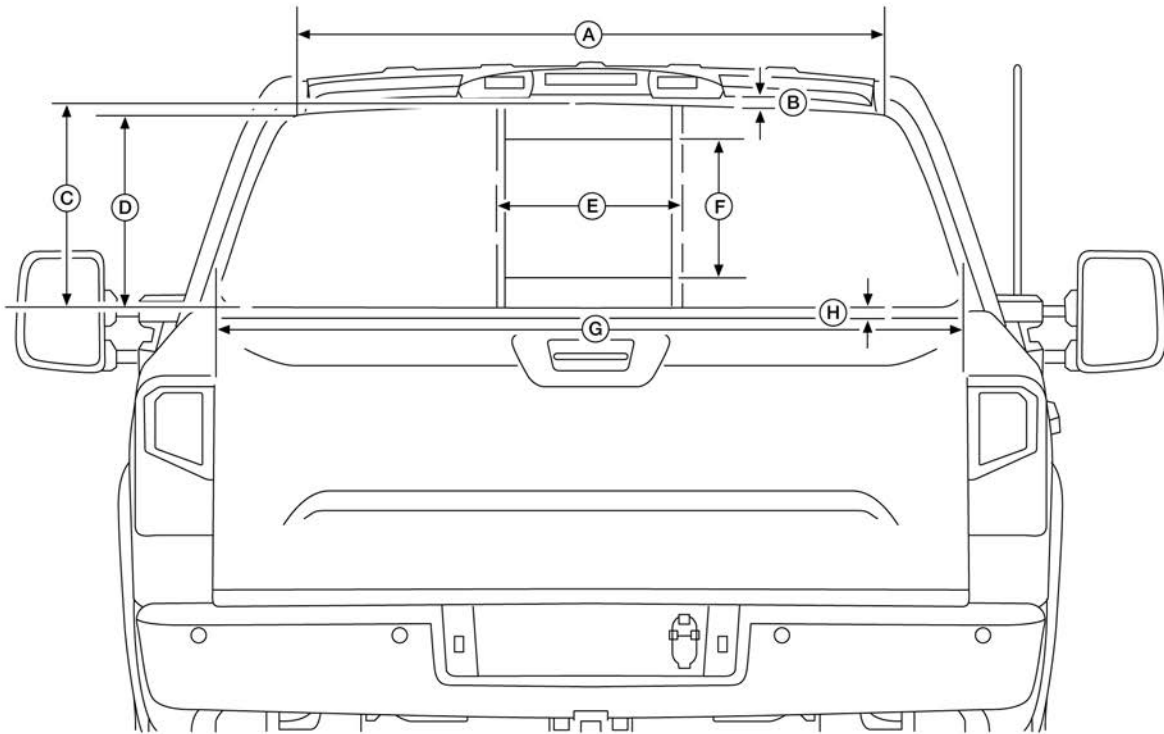
B. 100 mm (3.64 in)

C. Flat surface area: 1.84 m²
(2,852 in²)

D. 1,055 mm (41.54 in)

E. 1,778 mm (70.00 in)

Back Window Opening Sign Area



AAZIA0504ZZ

A. 1,323 mm (52.09 in)

B. 27 mm (1.06 in)

C. 430 mm (16.93 in)

D. 400 mm (15.75 in)

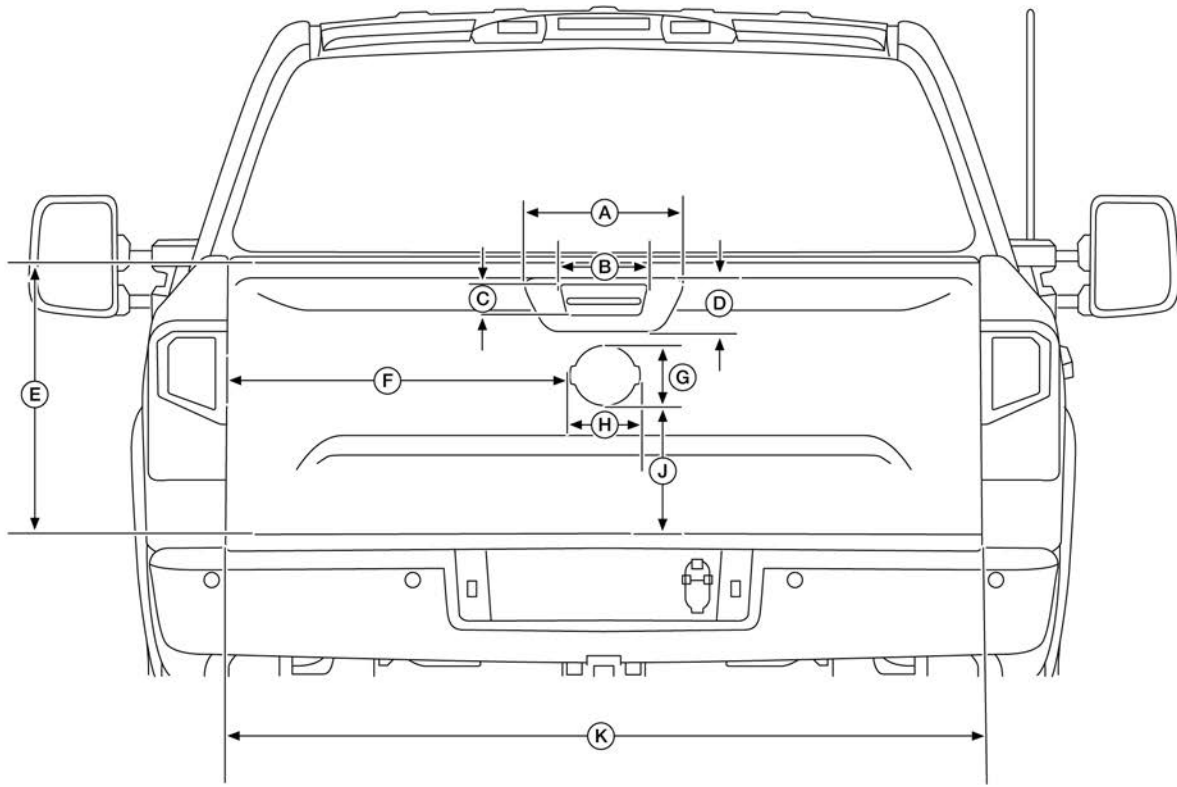
E. 358 mm (14.09 in)

F. 281 mm (11.06 in)

G. 1,603 mm (63.11 in)

H. 43 mm (1.69 in)

Tailgate Sign Area



AAZIA0503ZZ

A. 346 mm (13.62 in)

B. 196 mm (7.72 in)

C. 72 mm (2.83 in)

D. 113 mm (4.45 in)

E. 586 mm (23.07 in)

F. 738 mm (29.06 in)

G. 139 mm (5.47 in)

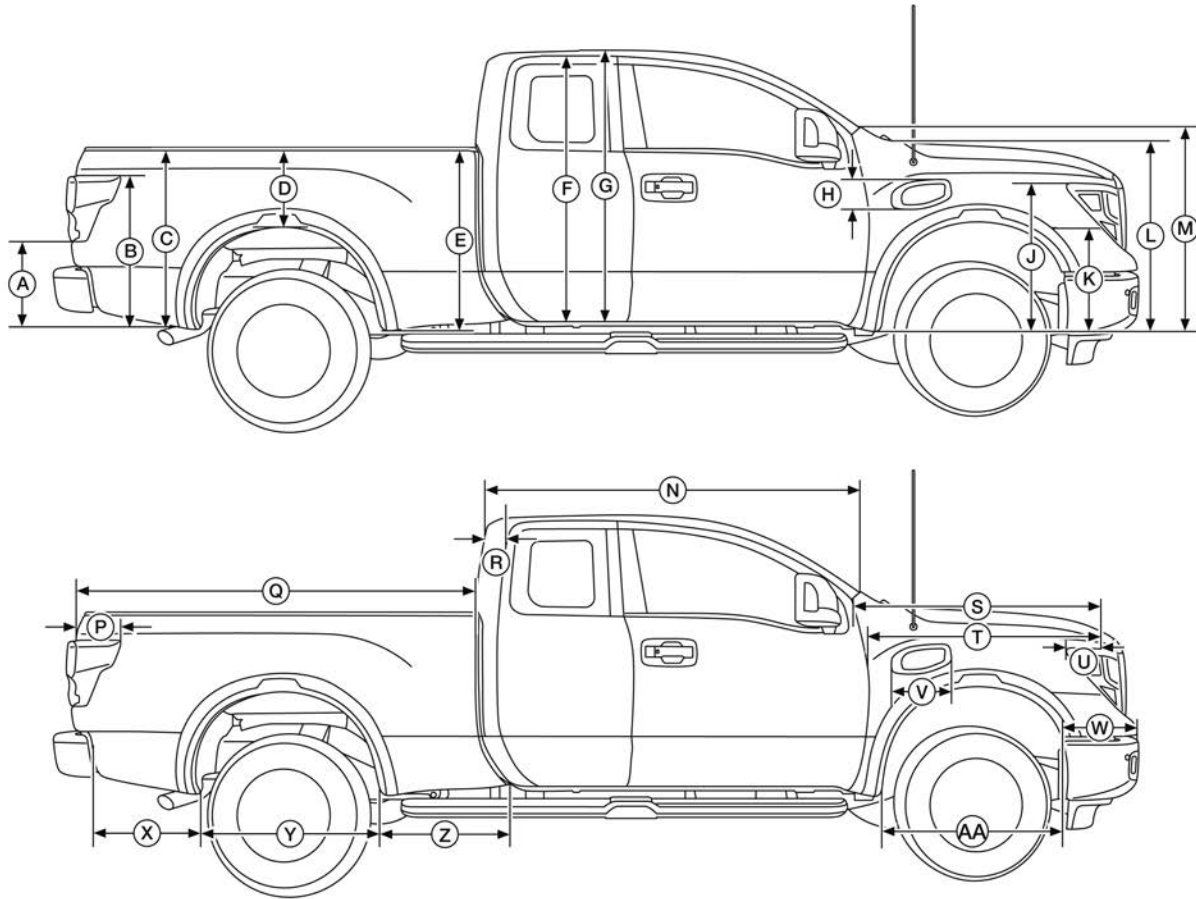
H. 159 mm (6.26 in)

J. 290 mm (11.42 in)

K. 1,636 mm (64.41 in)

SIGN AREA – KING CAB®

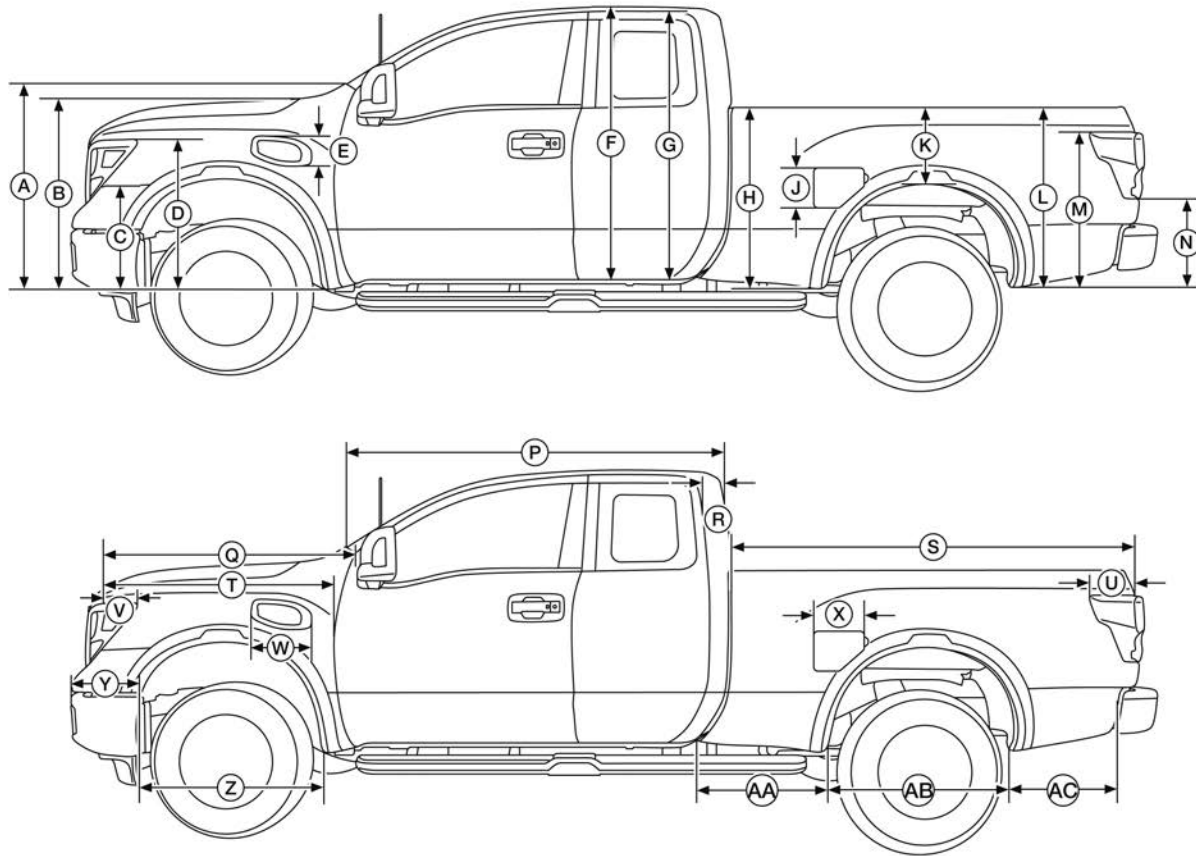
RH Exterior Dimensions



AAZIA0905ZZ

A. 457 mm (17.99 in)	B. 804 mm (31.65 in)	C. 933 mm (36.73 in)
D. 401 mm (15.79 in)	E. 959 mm (37.76 in)	F. 1,439 mm (56.65 in)
G. 1,468 mm (57.80 in)	H. 170 mm (6.69 in) (2017 Model Year Only)	J. 460 mm (18.11 in)
K. 780 mm (30.71 in)	L. 1,000 mm (39.37 in)	M. 1,040 mm (40.94 in)
N. 1,950 mm (76.77 in)	P. 300 mm (11.81 in)	Q. 2,107 mm (82.95 in)
R. 142 mm (5.59 in)	S. 1,272 mm (50.08 in)	T. 326 mm (12.83 in)
U. 286 mm (11.26 in)	V. 820 mm (32.28 in) (2017 Model Year Only)	W. 505 mm (19.88 in) (2017–2019 Model Years) 501 mm (19.7 in) (Starting 2020 model year)
X. 597 mm (23.50 in) (2017–2019 Model Years) 782 mm (30.8 in) (Starting 2020 model year)	Y. 973 mm (38.31 in)	Z. 641 mm (25.24 in)
AA. 860 mm (33.86 in)		

LH Exterior Dimensions



AAZIA0906ZZ

A. 1,040 mm (40.94 in)

D. 460 mm (18.11 in)

G. 1,439 mm (56.65 in)

K. 401 mm (15.79 in)

N. 457 mm (17.99 in)

R. 142 mm (5.59 in)

U. 300 mm (11.81 in)

X. 254 mm (10.0 in)

AA. 641 mm (25.24 in)

B. 1,000 mm (39.37 in)

E. 170 mm (6.69 in)
(2017 Model Year Only)

H. 959 mm (37.76 in)

L. 933 mm (36.73 in)

P. 1,950 mm (76.77 in)

S. 1,439 mm (56.65 in)

V. 182 mm (7.17 in)

Y. 505 mm (19.88 in)
(2017-2019 Model Years)
501 mm (19.7 in)
(Starting 2020 model year)

AB. 973 mm (38.31 in)

C. 780 mm (30.71 in)

F. 1,468 mm (57.80 in)

J. 211 mm (8.31 in)

M. 804 mm (31.65 in)

Q. 127 mm (5.0 in)

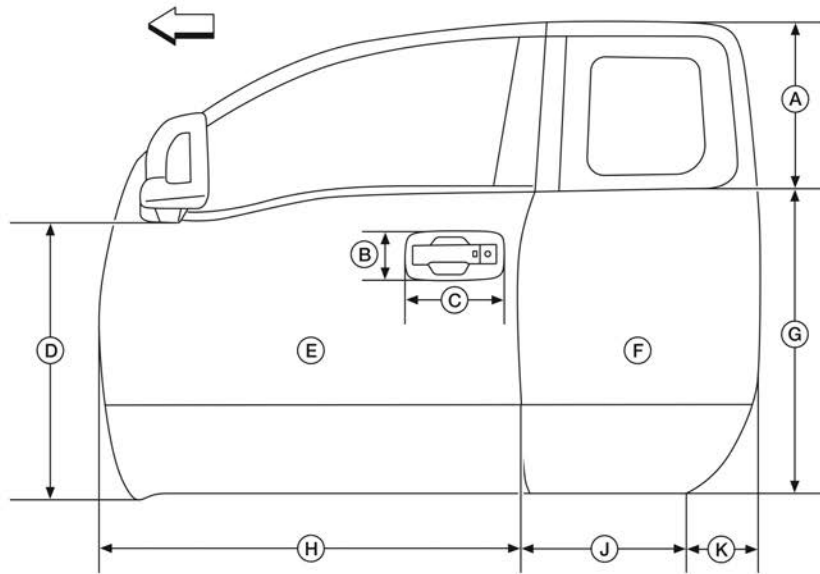
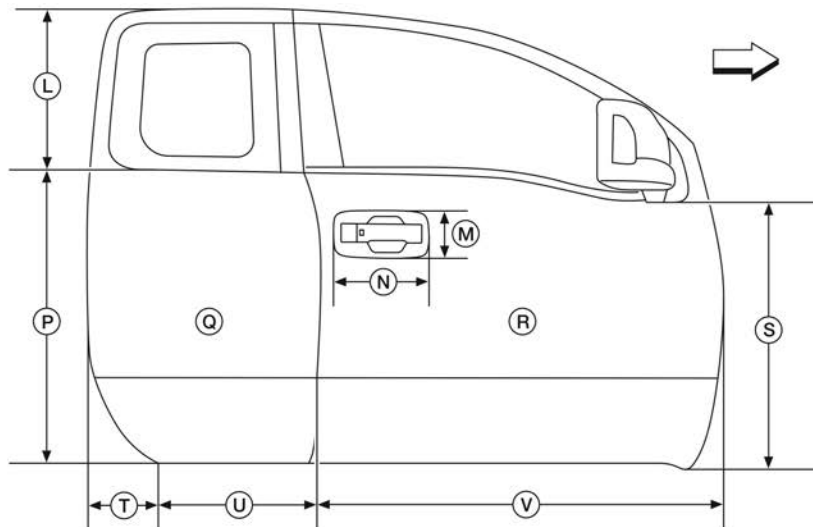
T. 326 mm (12.83 in)

W. 300 mm (11.81 in)
(2017 Model Year Only)

Z. 860 mm (33.86 in)

AC. 597 mm (23.50 in)
(2017-2019 Model Years)
782mm (30.8 in)
(Starting 2020 model year)

Door Sign Area



AAZIA0908ZZ

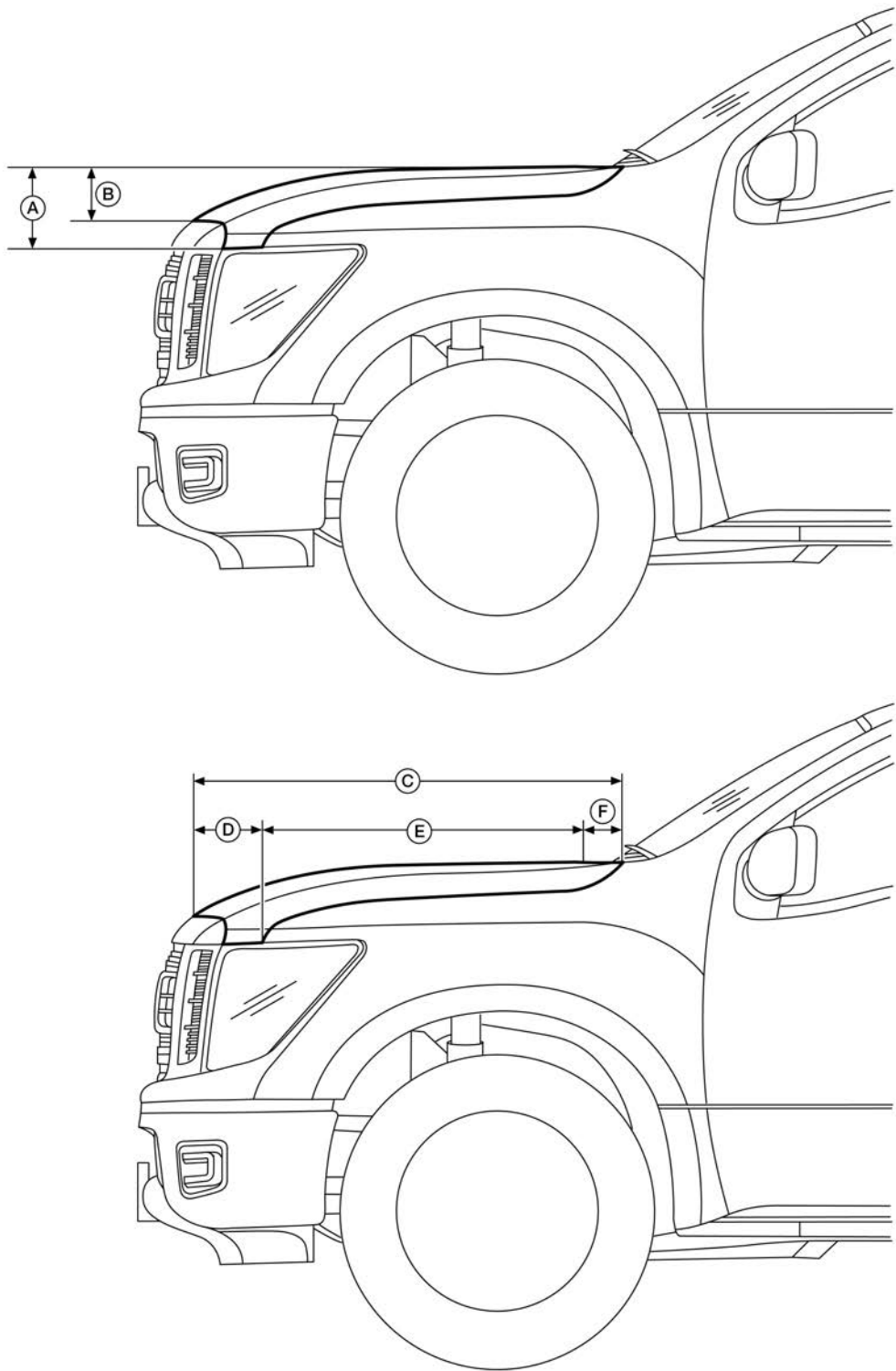
↖: Front of vehicle.

A. 505 mm (19.88 in)
 D. 807 mm (31.77 in)
 G. 888 mm (34.96 in)
 K. 223 mm (8.78 in)
 N. 286 mm (11.26 in)
 R. 1.27 m² (13.67 ft²)
 U. 492 mm (19.37 in)

B. 149 mm (5.87 in)
 E. 1.27 m² (13.67 ft²)
 H. 1,203 mm (47.36 in)
 L. 505 mm (19.88 in)
 P. 888 mm (34.96 in)
 S. 807 mm (31.77 in)
 V. 1,203 mm (47.36 in)

C. 286 mm (11.26 in)
 F. 0.67 m² (7.21 ft²)
 J. 768 mm (30.24 in)
 M. 149 mm (5.87 in)
 Q. 0.67 m² (7.21 ft²)
 T. 223 mm (8.78 in)

Hood Surface Exterior Dimensions



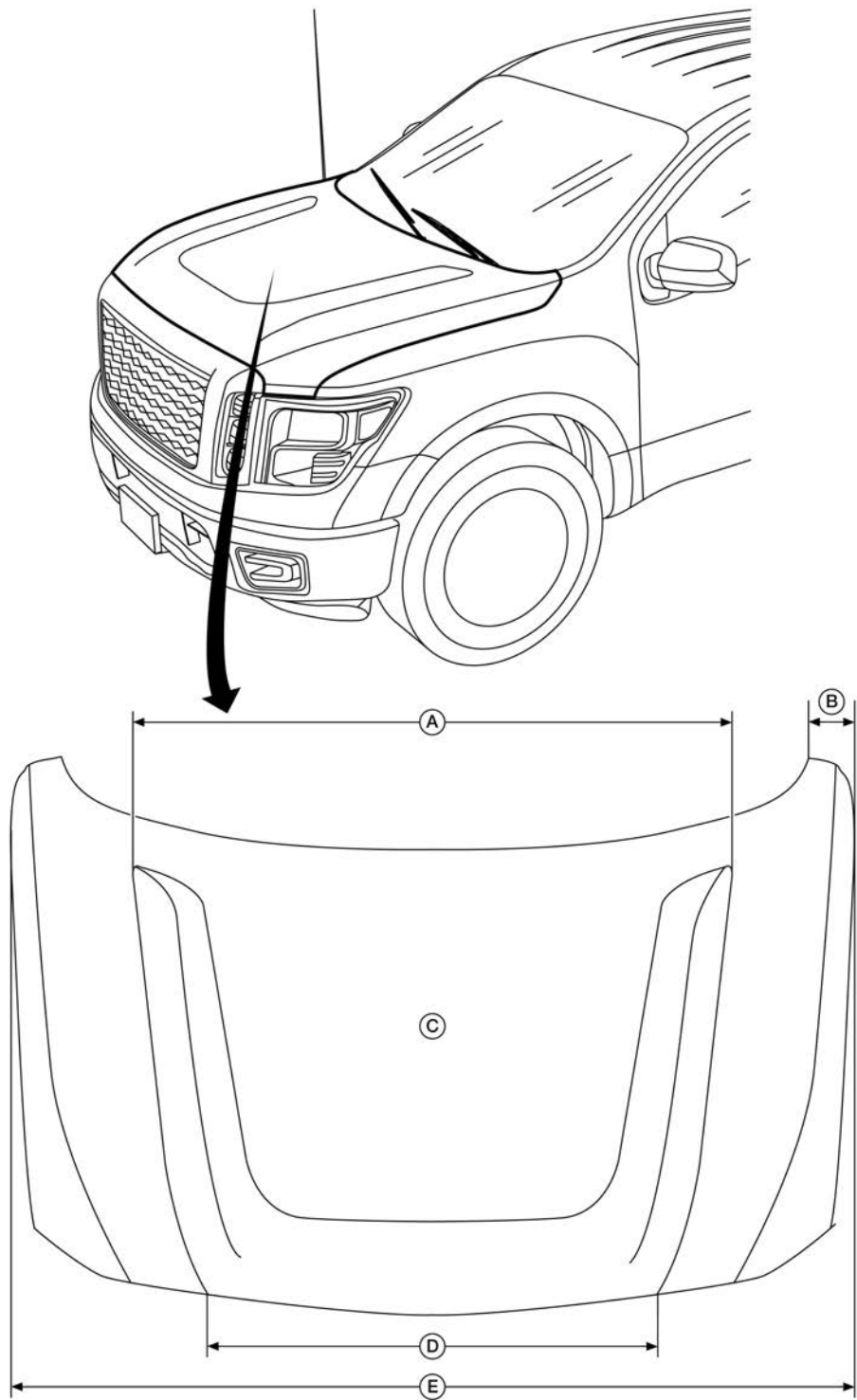
AAZIA0717ZZ

A. 216 mm (8.50 in)
D. 158 mm (6.22 in)

B. 136 mm (5.35 in)
E. 826 mm (32.52 in)

C. 1,172 mm (46.14 in)
F. 188 mm (7.40 in)

Hood area



AAZIA0718ZZ

A. 1,260 mm (49.61 in)

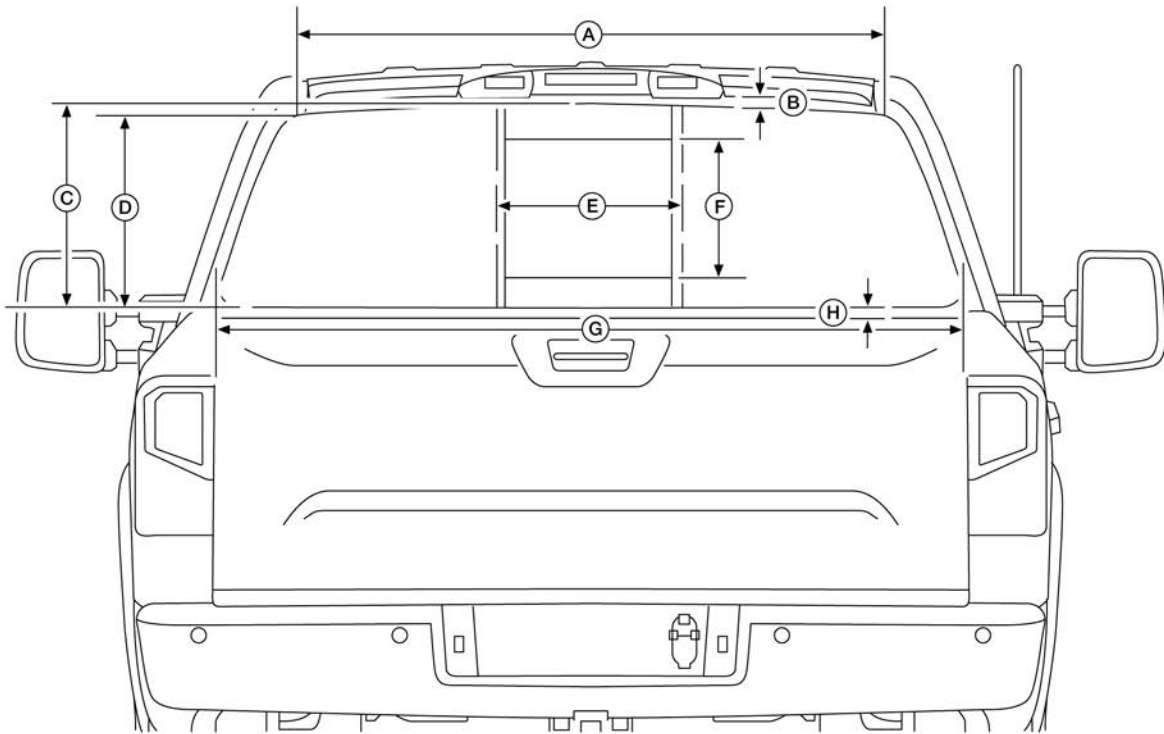
B. 100 mm (3.64 in)

C. Flat surface area: 1.84 m²
(2,852 in²)

D. 1,055 mm (41.54 in)

E. 1,778 mm (70.00 in)

Back Window Opening Sign Area



AAZIA0504ZZ

A. 1,323 mm (52.09 in)

B. 27 mm (1.06 in)

C. 430 mm (16.93 in)

D. 400 mm (15.75 in)

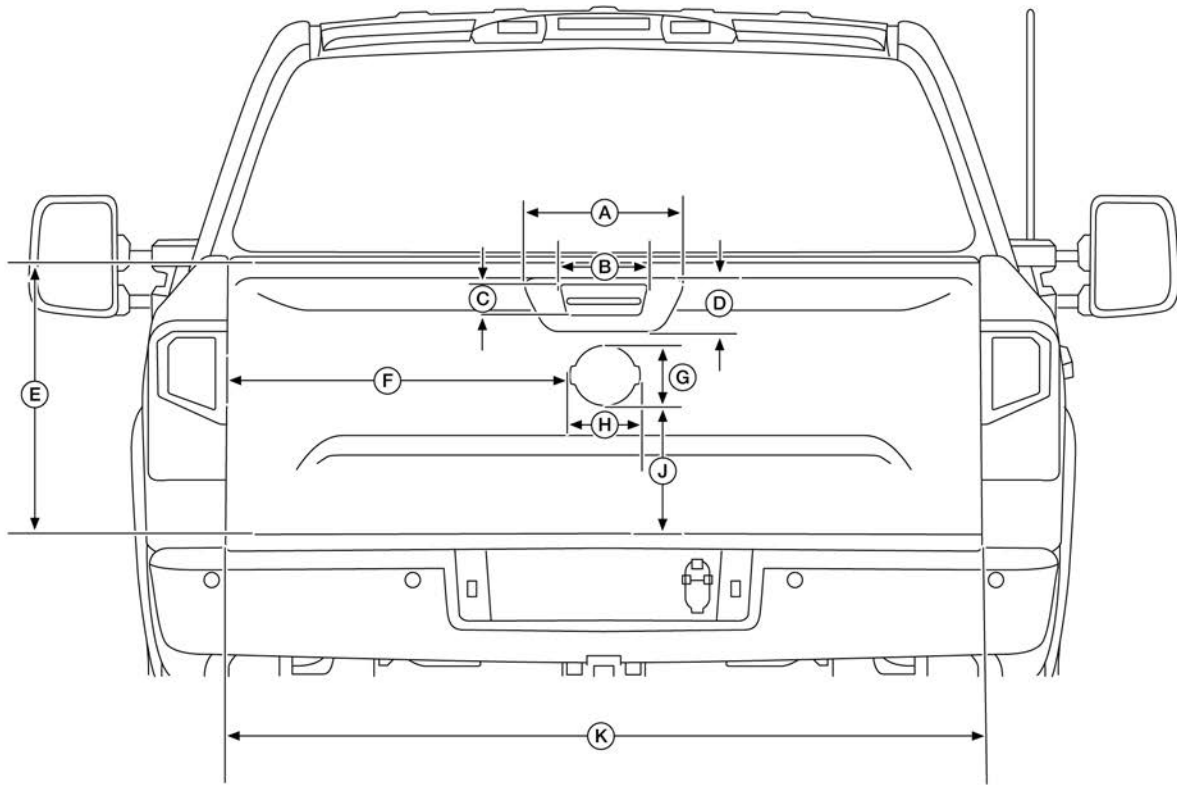
E. 358 mm (14.09 in)

F. 281 mm (11.06 in)

G. 1,603 mm (63.11 in)

H. 43 mm (1.69 in)

Tailgate Sign Area



AAZIA0503ZZ

A. 346 mm (13.62 in)

B. 196 mm (7.72 in)

C. 72 mm (2.83 in)

D. 113 mm (4.45 in)

E. 586 mm (23.07 in)

F. 738 mm (29.06 in)

G. 139 mm (5.47 in)

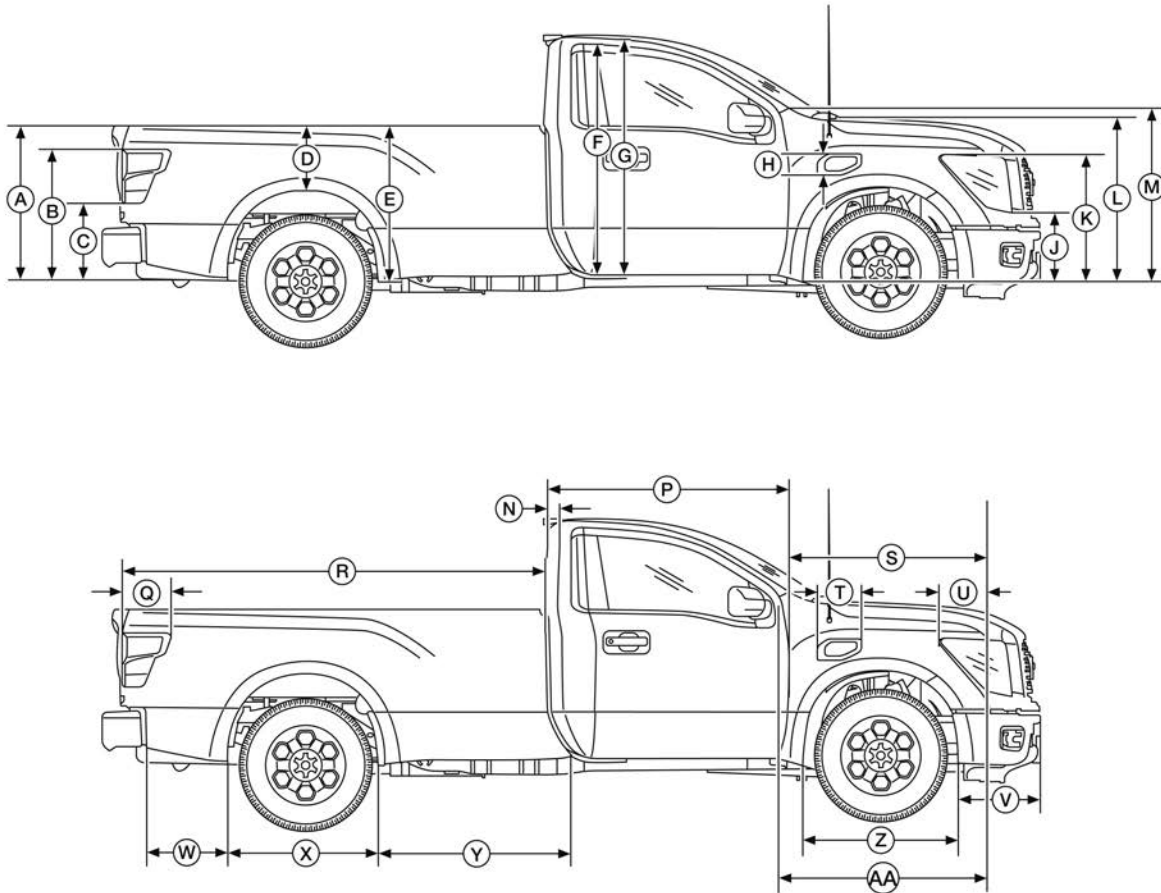
H. 159 mm (6.26 in)

J. 290 mm (11.42 in)

K. 1,636 mm (64.41 in)

SIGN AREA – SINGLE CAB (2017-2019 Model Years)

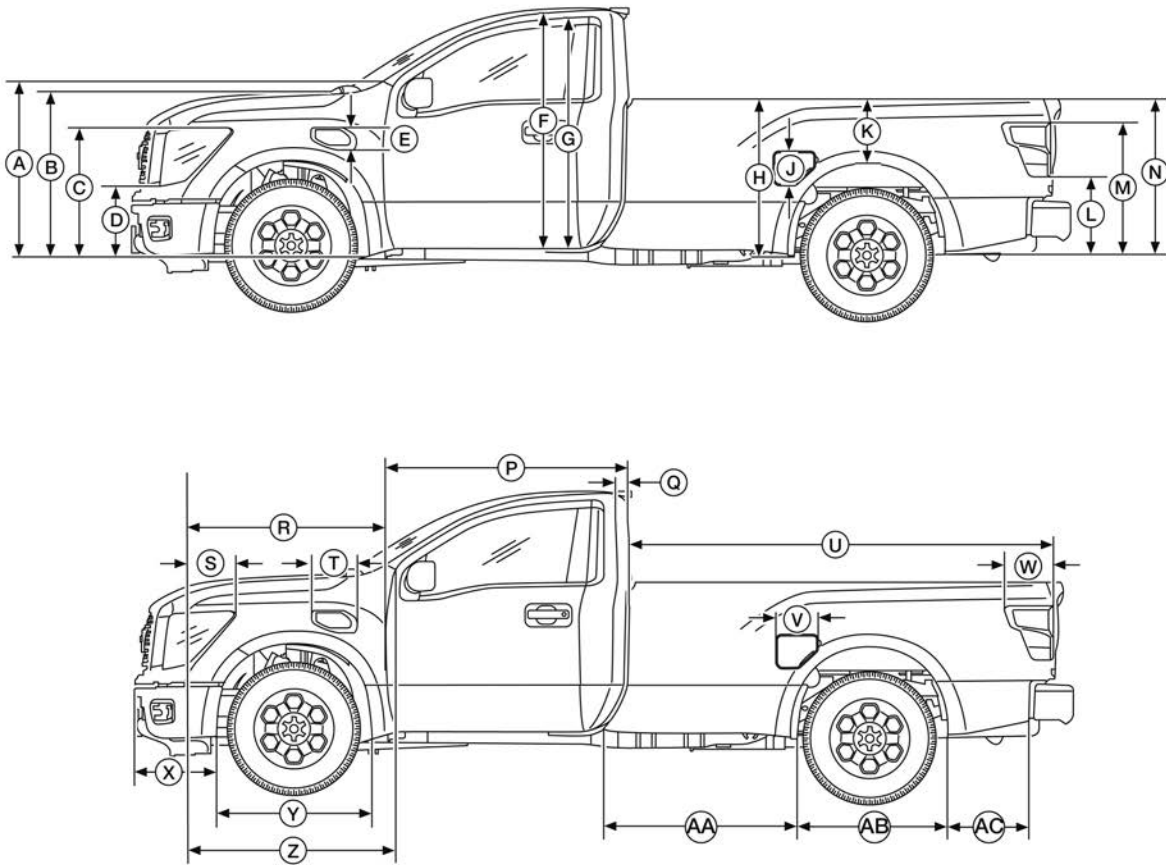
RH Exterior Dimensions



AAZIA0866ZZ

A. 933 mm (36.73 in)	B. 804 mm (31.65 in)	C. 457 mm (17.99 in)
D. 393.4 mm (15.49 in)	E. 930 mm (36.61 in)	F. 1,398.9 mm (51.07 in)
G. 1,459.9 mm (57.80 in)	H. 170 mm (6.69 in) (2017 Model Year Only)	J. 460 mm (18.11 in)
K. 780 mm (30.71 in)	L. 1,023.9 mm (40.31 in)	M. 1,040 mm (40.94 in)
N. 255.0 mm (10.04 in)	P. 1,485.24 mm (58.24 in)	Q. 300 mm (11.81 in)
R. 2,589.2 mm (101.94 in)	S. 1,272 mm (50.08 in)	T. 326 mm (12.83 in) (2017 Model Year Only)
U. 286 mm (11.26 in)	V. 505 mm (19.88 in)	W. 498 mm (19.61 in)
X. 980 mm (38.58 in)	Y. 1,176.2 mm (46.31 in)	Z. 860 mm (33.86 in)
AA. 1,266 mm (49.84 in)		

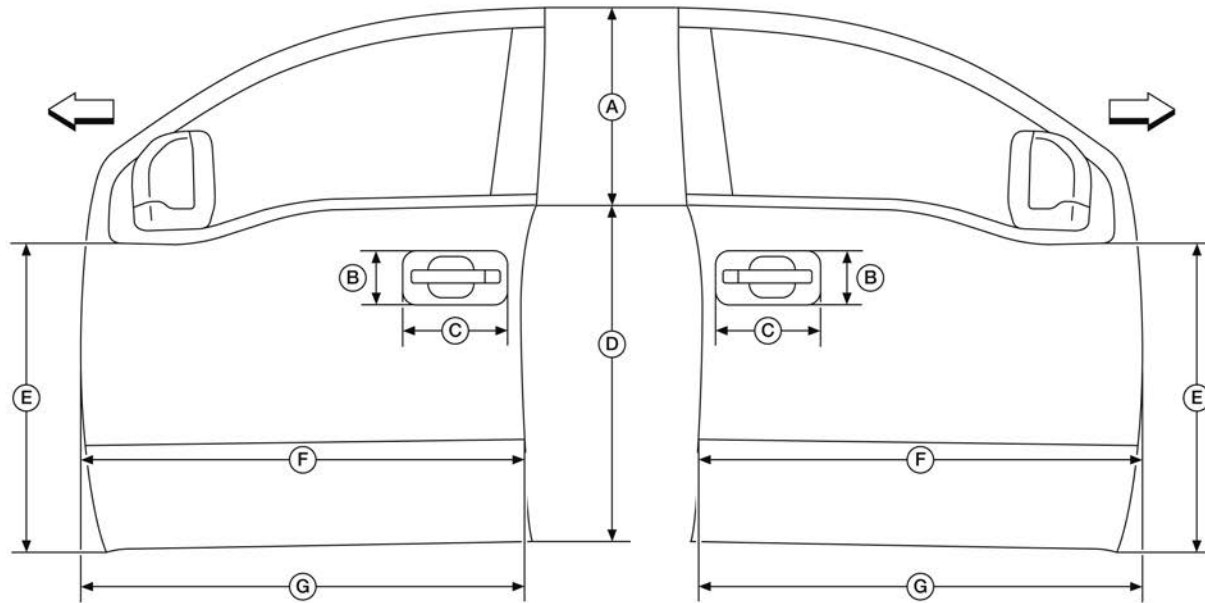
LH Exterior Dimensions



AAZIA0865ZZ

A. 1,040 mm (40.94 in)	B. 1,023.9 mm (40.317 in)	C. 780 mm (30.71 in)
D. 460 mm (18.11 in)	E. 170 mm (6.69 in) (2017 Model Year Only)	F. 1,459.9 mm (57.48 in)
G. 1,398.9 mm (51.07 in)	H. 930 mm (36.61 in)	J. 144 mm (5.67 in)
K. 393.4 mm (15.49 in)	L. 457 mm (17.99 in)	M. 804 mm (31.65 in)
N. 933 mm (36.73 in)	P. 1,485.24 mm (58.47 in)	Q. 255 mm (10.04 in)
R. 1,272 mm (50.08 in)	S. 286 mm (11.26 in)	T. 326 mm (12.83 in) (2017 Model Year Only)
U. 2,589.23 mm (101.94 in)	V. 182 mm (7.17 in)	W. 300 mm (11.81 in)
X. 505 mm (19.88 in)	Y. 860 mm (33.86 in)	Z. 980 mm (38.58 in)
AA. 1,176.18 mm (46.31 in)	AB. 498 mm (19.61 in)	AC. 1,266 mm (49.84 in)

Door Sign Area



AAZIA0817ZZ

↩: Front of vehicle.

A. 505 mm (19.88 in)

B. 149 mm (5.87 in)

C. 286 mm (11.26 in)

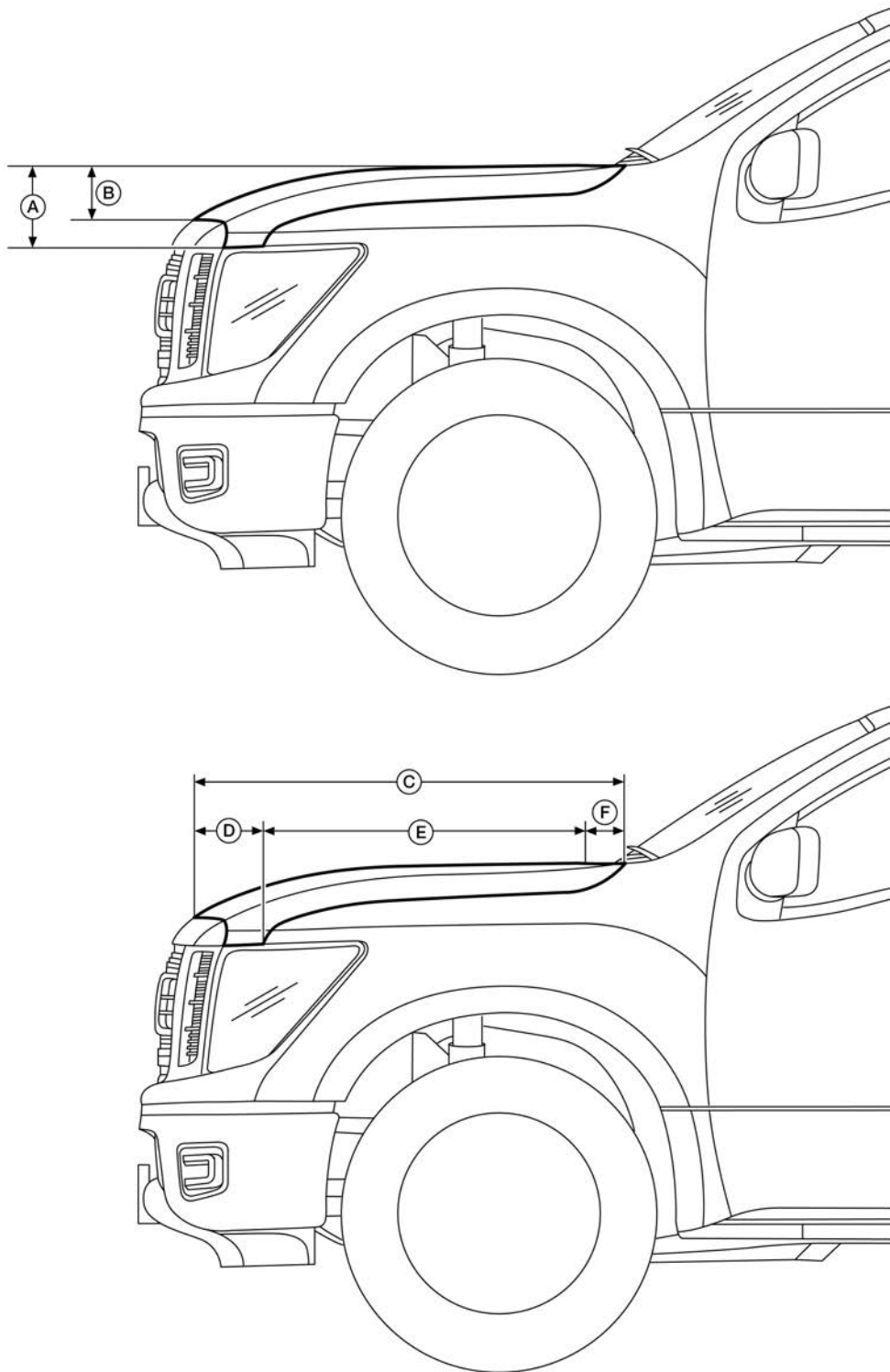
D. 888 mm (34.96 in)

E. 807 mm (31.77 in)

F. 1.27 m² (13.67 ft²)

G. 1,203 mm (47.36 in)

Hood Surface Exterior Dimensions



AAZIA0717ZZ

A. 216 mm (8.50 in)

B. 136 mm (5.35 in)

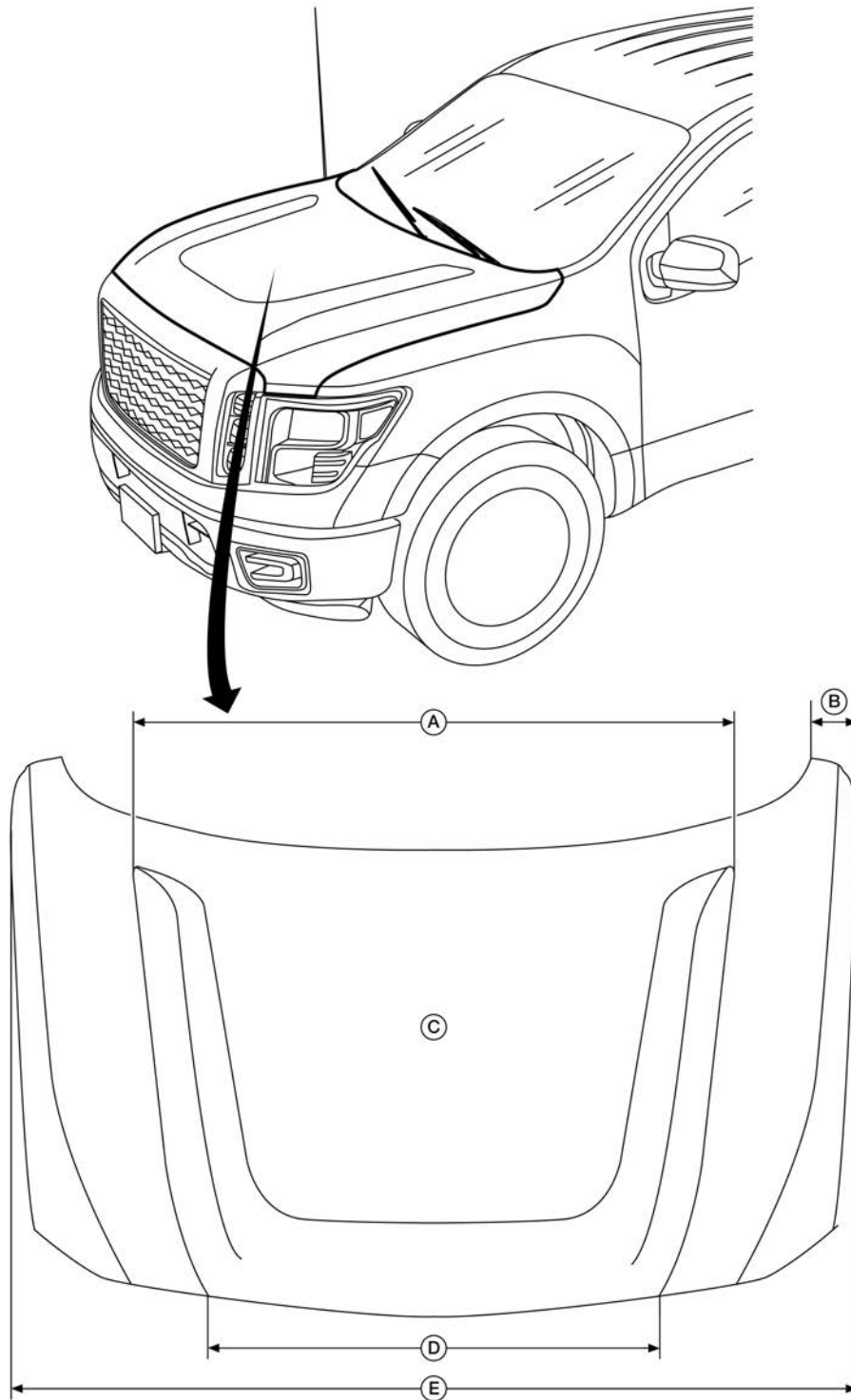
C. 1,172 mm (46.14 in)

D. 158 mm (6.22 in)

E. 826 mm (32.52 in)

F. 188 mm (7.40 in)

Hood area



AAZIA0718ZZ

A. 1,260 mm (49.61 in)

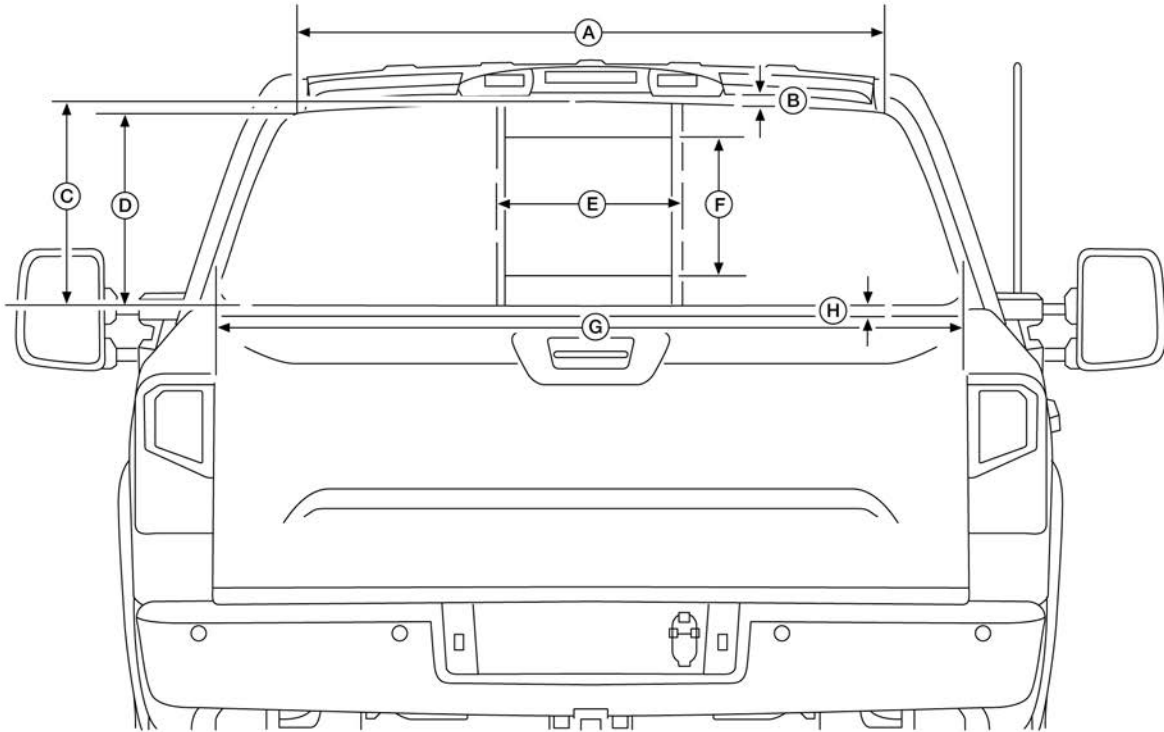
B. 100 mm (3.64 in)

C. Flat surface area: 1.84 m²
(2,852 in²)

D. 1,055 mm (41.54 in)

E. 1,778 mm (70.00 in)

Back Window Opening Sign Area



AAZIA0504ZZ

A. 1,323 mm (52.09 in)

B. 27 mm (1.06 in)

C. 430 mm (16.93 in)

D. 400 mm (15.75 in)

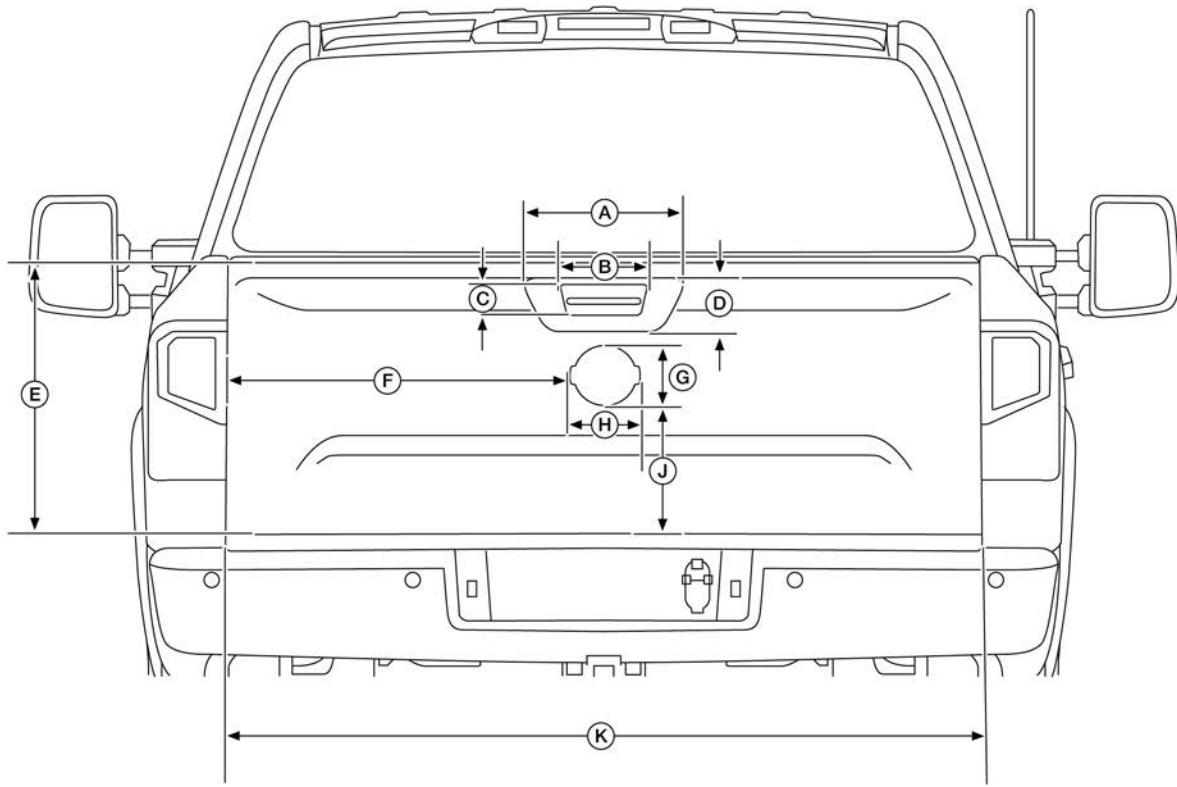
E. 358 mm (14.09 in)

F. 281 mm (11.06 in)

G. 1,603 mm (63.11 in)

H. 43 mm (1.69 in)

Tailgate Sign Area



AAZIA0503ZZ

A. 346 mm (13.62 in)

B. 196 mm (7.72 in)

C. 72 mm (2.83 in)

D. 113 mm (4.45 in)

E. 586 mm (23.07 in)

F. 738 mm (29.06 in)

G. 139 mm (5.47 in)

H. 159 mm (6.26 in)

J. 290 mm (11.42 in)

K. 1,636 mm (64.41 in)

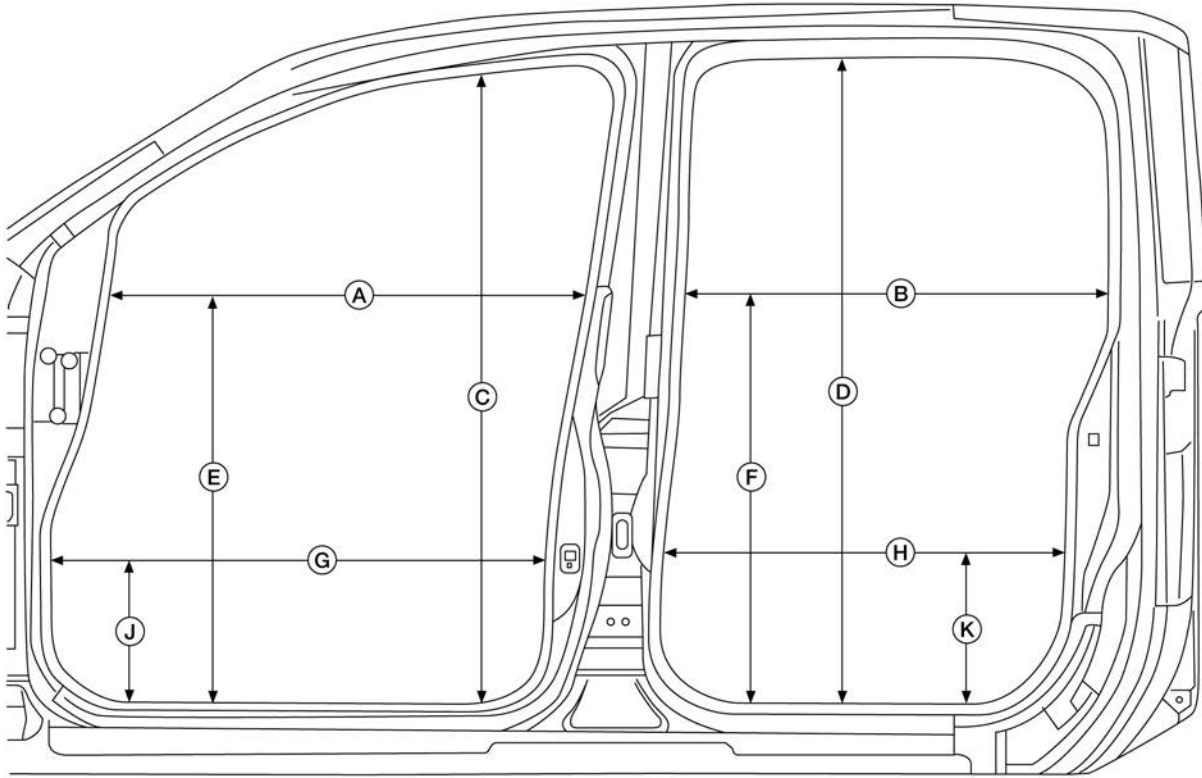
PLACARDS

To find information and regulations about the placards, refer to the following website:

www.fmcsa.dot.gov

EXTERIOR — CREW CAB

Door Opening Measurements



AAZIA0483ZZ

Without Door Seal and Interior Trim

A. 901 mm (35.47 in)	B. 806 mm (31.73 in)	C. 1,212 mm (47.72 in)
D. 1,245 mm (49.02 in)	E. 770 mm (30.31 in)	F. 765 mm (33.12 in)
G. 930 mm (36.61 in)	H. 763 mm (30.04 in)	J. 300 mm (11.81 in)
K. 200 mm (7.87 in)		

With Door Seal and Interior Trim

A. 894 mm (35.20 in)	B. 799 mm (31.46 in)	C. 1,202 mm (47.32 in)
D. 1,235 mm (48.62 in)	E. 770 mm (30.31 in)	F. 765 mm (33.12 in)
G. 924 mm (36.38 in)	H. 756 mm (29.76 in)	J. 300 mm (11.81 in)
K. 200 mm (7.87 in)		

Doors and Mirrors Dimensions

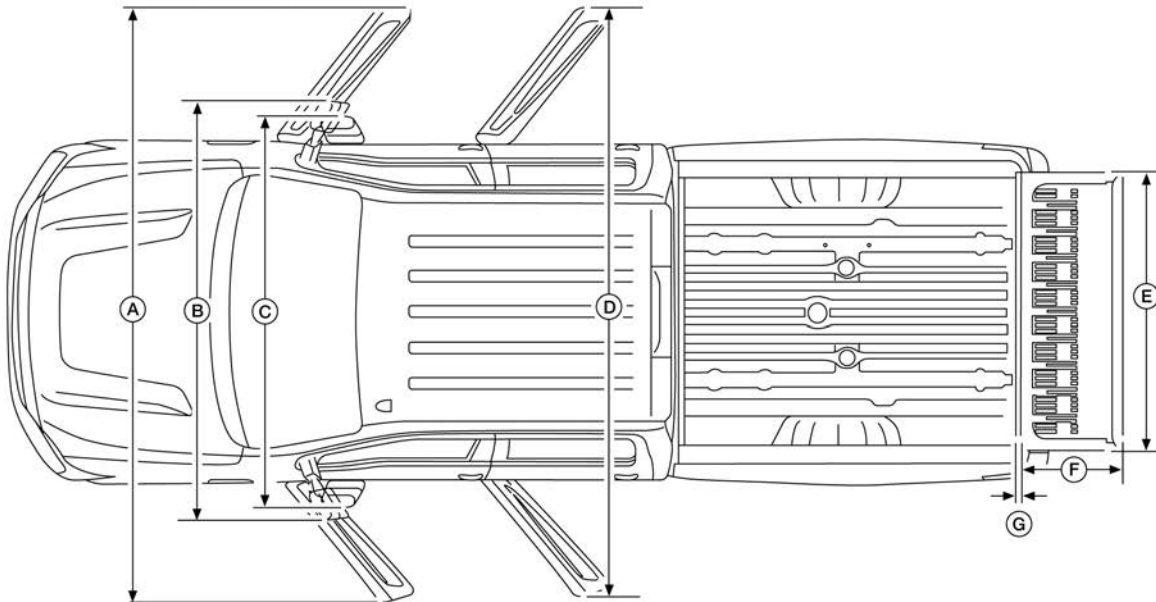
Overhead View

NOTE:

Removal of the bed is not authorized by Nissan.

**WARNING:**

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



AAZIA0534ZZ

A. 4,004 mm (157.64 in)

B. With Tow Mirrors Extended:
2,607.19 mm (102.6 in)
With Tow Mirrors Non-Extended:
2,494 mm (98.19 in)
Without Tow Mirrors:
2,370 mm (93.31 in)

C. With Mirrors Folded:
2,232 mm (87.87 in)

D. 3,642 mm (143.39 in)

E. 1,636 mm (64.41 in)

F. 577 mm (22.72 in)

G. 32 mm (1.26 in)

Exterior Overall Dimensions (2017-2019 Model Years)

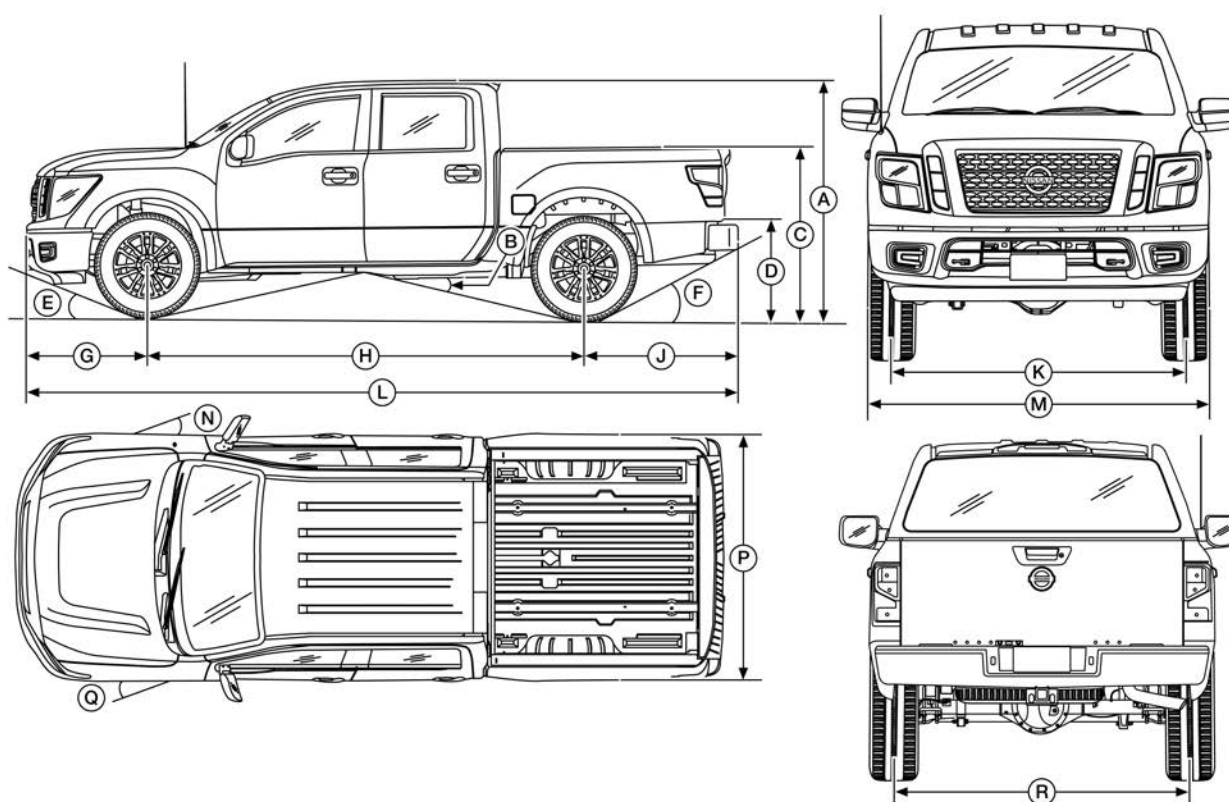
NOTE:

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AAZIA0711ZZ

A. S (2WD) 1,914.1 mm (75.36 in)
S (4WD) 1,929.3 mm (75.96 in)
SV (2WD) 1,915.1 mm (75.40 in)
SV (4WD) 1,929.7 mm (75.97 in)
Pro-4X 1,960.3 mm (77.18 in)
SL/Plat (2WD) 1,920.4 mm (75.61 in)
SL/Plat (4WD) 1,959.7 mm (75.15 in)

B. Rampover Angle:
S (2WD) 20.5°
SV (2WD) 20.6°
S/SV (4WD) 19.7°
Pro-4X 21.7°
SL/Plat (2WD) 18.7°
SL/Plat (4WD) 21.7°

C. 1,473 mm (57.99 in)

D. 977 mm (38.46 in)

E. Approach Angle:

S (2WD) 16.4°
S (4WD) 17.5°
SV (2WD) 16.5°
SV (4WD) 17.6°
Pro-4X 22.8°
SL/Plat (2WD) 17.0°
SL/Plat (4WD) 20.0°

F. Departure Angle:

S/SV (2WD without hitch) 24.6°
S/SV (2WD with hitch) 20.8°
S/SV (4WD without hitch) 25.4°
S/SV (4WD with hitch) 21.5°
Pro-4X without hitch 26.8°
Pro-4X with hitch 23.0°
SL/Plat (2WD without hitch) 24.9°
SL/Plat (2WD with hitch) 21.0°
SL/Plat (4WD without hitch) 26.8°
SL/Plat (4WD with hitch) 22.9°

G. S/SV/SL/Plat 978.5 mm (38.52 in)

Pro-4X (Without front license plate mount) 994.7 mm (39.2 in)

Pro-4X (With front license plate mount) 1,013.8 mm (39.9 in)

K. S/SV 1,725 mm (67.9 in)

SL/Pro-4X/Plat 1,729 mm (68.1 in)

H. 3,550 mm (139.76 in)

L. S/SV/SL/Plat 5,794.2 mm (228.1 in)

Pro-4X 5,804.1 mm (228.5 in)

N. S/SV/SL/Plat (2WD) 33.0°

S/SV/Plat (4WD) 33.3°

SL/Pro-4X (4WD) 34.0°

R. S/SV 1,725 mm (67.9 in)

SL/Pro-4X/Plat 1,729 mm (68.1 in)

P. S/SV/SL 2,020.0 mm (79.5 in)

Pro-4X/Plat 2,049.6 mm (80.7 in)

J. 1,259.0 mm (49.57 in)

M. 2,020 mm (79.5 in)

Q. S/SV/SL/Plat (2WD) 37.5°

S/SV/Plat (4WD) 37.7°

SL/Pro-4X (4WD) 37.9°

Exterior Overall Dimensions (2020 and 2021 Model Years)

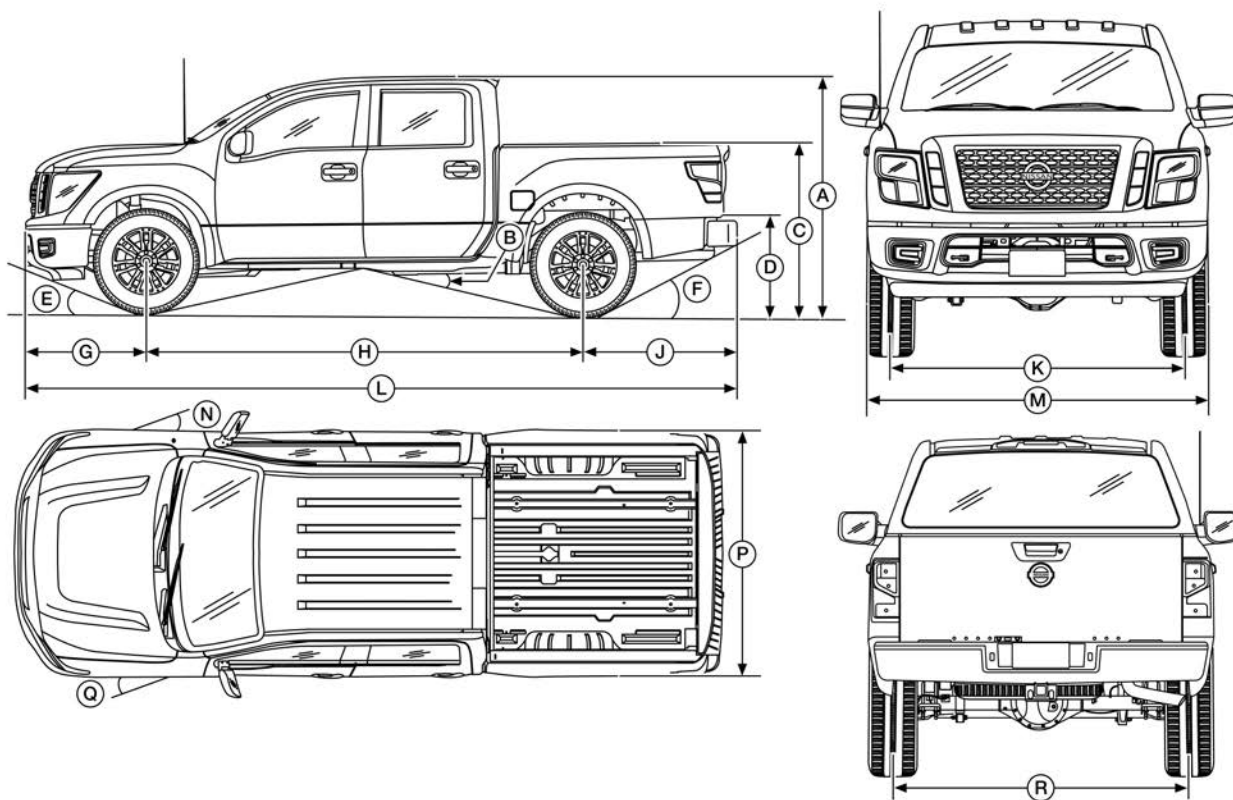
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

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AAZIA0711ZZ

A. S/SV (2WD) 1,915.1 mm (75.4 in)
S/SV (4WD) 1,930 mm (76.0 in)
Pro-4X 1,961 mm (77.2 in)
SL/Plat (2WD) 1,920.4 mm (75.6 in)
SL/Plat (4WD) 1,961 mm (77.2 in)

B. Rampover Angle:
S (2WD) 20.52°
SV (2WD) 20.59°
S (4WD) 19.65°
SV (4WD) 19.68°
Pro-4X 21.73°
SL/Plat (2WD) 18.71°
SL/Plat (4WD) 21.69°

C. S/SV (2WD) 1,396 mm (55.0 in)
S/SV (4WD) 1,411 mm (55.6 in)
Pro-4X 1,441 mm (56.8 in)
SL/Plat (2WD) 1,401 mm (55.2 in)
SL/Plat (4WD) 1,441 mm (56.8 in)

D. 977 mm (38.46 in)

E. Approach Angle:

S (2WD) 16.43°
S (4WD) 17.5°
SV (2WD) 16.52°
SV (4WD) 17.6°
Pro-4X 22.81°
SL/Plat (2WD) 17.03°
SL/Plat (4WD) 19.99°

F. Departure Angle:

S (2WD without hitch) 24.64°
SV (2WD without hitch) 24.7°
S (2WD with hitch) 20.76°
SV (2WD with hitch) 20.81°
S (4WD without hitch) 25.41°
SV (4WD without hitch) 25.39°
S (4WD with hitch) 21.53°
SV (4WD with hitch) 21.52°
Pro-4X without hitch 26.84°
Pro-4X with hitch 22.97°
SL/Plat (2WD without hitch) 24.93°
SL/Plat (2WD with hitch) 21.04°
SL/Plat (4WD without hitch) 26.77°
SL/Plat (4WD with hitch) 21.69° (USA only)
Plat (4WD with hitch) 22.91 (CAN only)

G. S/SV/SL/Plat 975 mm (38.4 in)

Pro-4X 1,009 mm (39.7 in)

K. S/SV 1,725 mm (67.9 in)

SL/Pro-4X/Plat 1,729 mm (68.1 in)

H. 3,550 mm (139.76 in)

L. Without License Plate Holder:

S/SV/SL/Pro-4X/Plat 5,781 mm (227.6 in)

With License Plate Holder:

S/SV/SL/Plat 5,795 mm (228.2 in)

Pro-4X 5,829 mm (229.5 in)

J. 1,259 mm (49.6 in)

M. 2,020 mm (79.5 in)

N. S/SV/SL/Plat (2WD) 33.0°

S/SV/Plat (4WD) 33.3°

SL/Pro-4X (4WD) 34.0°

R. S/SV 1,725 mm (67.9 in)

SL/Pro-4X/Plat 1,729 mm (68.1 in)

P. S/SV/SL 2,018.5 mm (79.47 in)

Pro-4X/Plat 2,049.6 mm (80.7 in)

Q. S/SV/SL/Plat (2WD) 37.5°

S/SV/Plat (4WD) 37.7°

SL/Pro-4X (4WD) 37.9°

Exterior Overall Dimensions (2022 and 2023 Model Years)

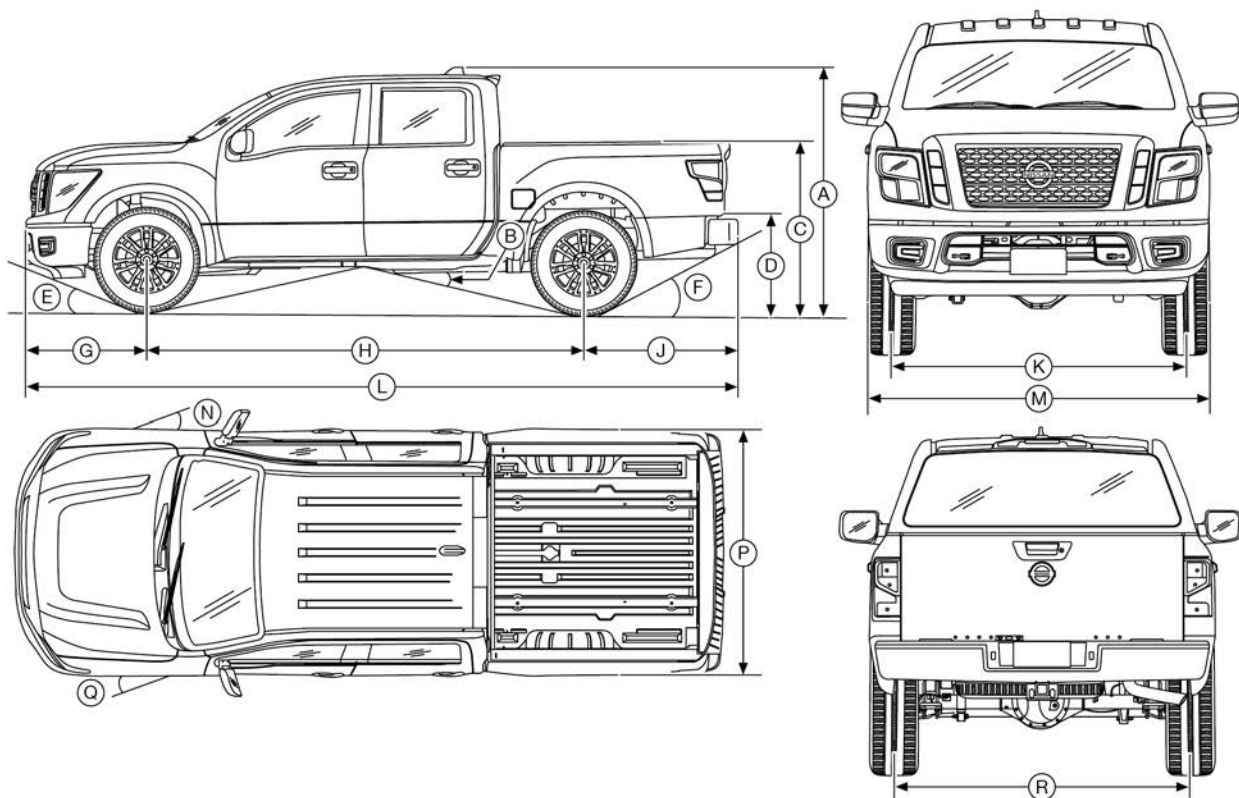
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



TGAZIA0349ZZ

A. S (2WD) 1,959.3 mm (77.1 in)
SV (2WD) 1,969.1 mm (77.5 in)
S (4WD) 1,974.3 mm (77.7 in)
SV (4WD) 1,984.2 mm (78.1 in)
Pro-4X 2,014.9 mm (79.3 in)
Plat (2WD) 1,967.1 mm (77.4 in)
Plat (4WD) 2,006.9 mm (79.0 in)

B. Rampover Angle:
S (2WD) 20.52°
SV (2WD) 20.59°
S (4WD) 19.65°
SV (4WD) 19.68°
Pro-4X 21.73°
Plat (2WD) 18.71°
Plat (4WD) 21.69°

C. S/SV (2WD) 1,396 mm (55.0 in)
S/SV (4WD) 1,411 mm (55.6 in)
Pro-4X 1,441 mm (56.8 in)
Plat (2WD) 1,401 mm (55.2 in)
Plat (4WD) 1,441 mm (56.8 in)

D. 977 mm (38.46 in)

E. Approach Angle:

S (2WD) 20.5°
S (4WD) 21.5°
SV (2WD) 16.4°
SV (4WD) 17.6°
Pro-4X 22.2°
Plat (2WD) 16.3°
Plat (4WD) 19.3°

F. Departure Angle:

S (2WD without hitch) 24.64°
SV (2WD without hitch) 24.7°
S (2WD with hitch) 20.76°
SV (2WD with hitch) 20.81°
S (4WD without hitch) 25.41°
SV (4WD without hitch) 25.39°
S (4WD with hitch) 21.53°
SV (4WD with hitch) 21.52°
Pro-4X without hitch 26.84°
Pro-4X with hitch 22.97°
Plat (2WD without hitch) 24.93°
Plat (2WD with hitch) 21.04°
Plat (4WD without hitch) 26.77°
Plat (4WD with hitch) 21.69°

G. S/SV/Plat 975 mm (38.4 in)
Pro-4X 1,009 mm (39.7 in)

H. 3,550 mm (139.76 in)

J. 1,259 mm (49.6 in)

K. S/SV 1,725 mm (67.9 in)
Pro-4X/Plat 1,729 mm (68.1 in)

L. Without License Plate Holder:

S/SV/Pro-4X/Plat 5,781 mm
(227.6 in)

With License Plate Holder:

S/SV/Plat 5,795 mm
(228.2 in)
Pro-4X 5,829 mm (229.5 in)

M. 2,020 mm (79.5 in)

N. S/SV/Plat (2WD) 33.0°
S/SV/Plat (4WD) 33.3°
Pro-4X (4WD) 34.0°

P. S/SV 2,018.5 mm (79.47 in)
Pro-4X/Plat 2,049.6 mm (80.7 in)

Q. S/SV/Plat (2WD) 37.5°
S/SV/Plat (4WD) 37.7°
Pro-4X (4WD) 37.9°

R. S/SV 1,725 mm (67.9 in)
Pro-4X/Plat 1,729 mm (68.1 in)

Exterior Overall Dimensions (2024 Model Year)

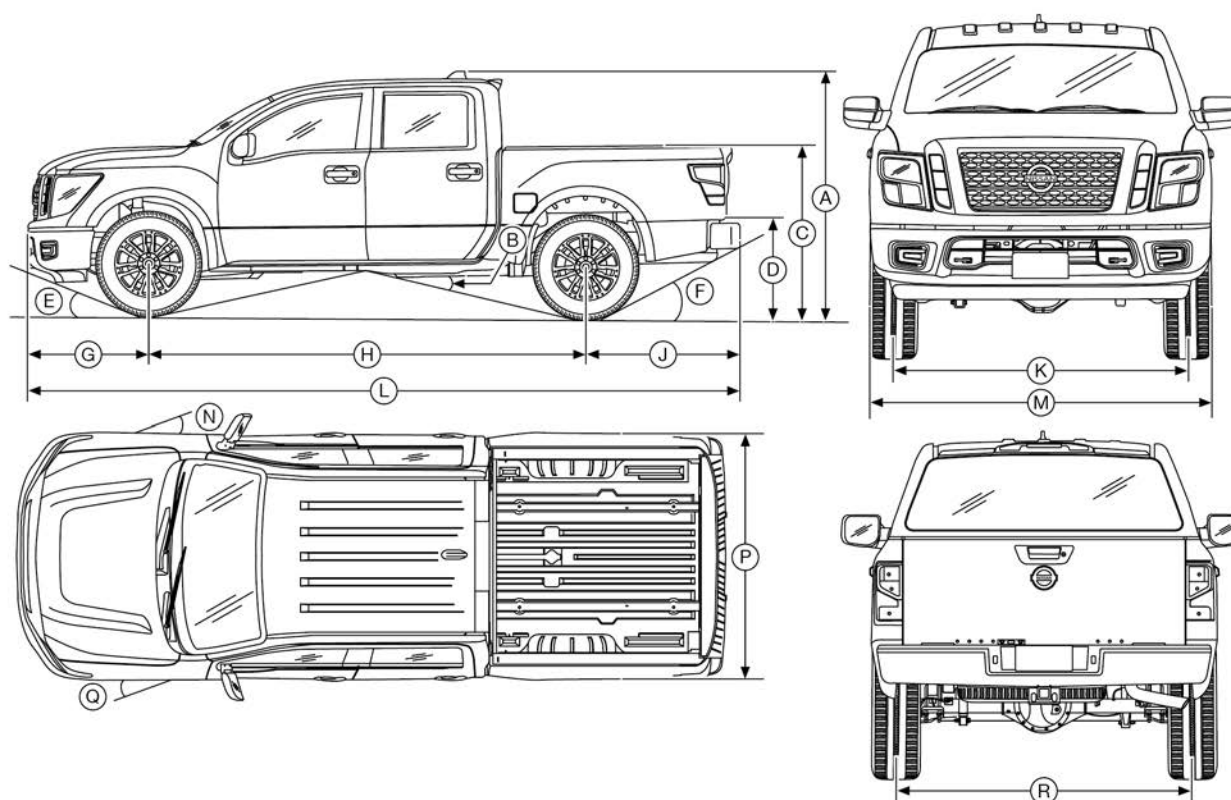
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



TGAZIA0349ZZ

A. SV (2WD) 1,969.1 mm (77.5 in)
SV (4WD) 1,984.2 mm (78.1 in)
Pro-4X 2,014.9 mm (79.3 in)
Plat (2WD) 1,967.1 mm (77.4 in)
Plat (4WD) 2,006.9 mm (79.0 in)

B. Rampover Angle:
SV (2WD) 20.59°
S (4WD) 19.65°
SV (4WD) 19.68°
Pro-4X 21.73°
Plat (2WD) 18.71°
Plat (4WD) 21.69°

C. SV (2WD) 1,396 mm (55.0 in)
SV (4WD) 1,411 mm (55.6 in)
Pro-4X 1,441 mm (56.8 in)
Plat (2WD) 1,401 mm (55.2 in)
Plat (4WD) 1,441 mm (56.8 in)

D. 977 mm (38.46 in)

E. Approach Angle:

SV (2WD) 16.4°
SV (4WD) 17.6°
Pro-4X 22.2°
Plat (2WD) 16.3°
Plat (4WD) 19.3°

F. Departure Angle:

SV (2WD without hitch) 24.7°
SV (2WD with hitch) 20.81°
SV (4WD without hitch) 25.39°
SV (4WD with hitch) 21.52°
Pro-4X without hitch 26.84°
Pro-4X with hitch 22.97°
Plat (2WD without hitch) 24.93°
Plat (2WD with hitch) 21.04°
Plat (4WD without hitch) 26.77°
Plat (4WD with hitch) 21.69°

G. SV/Plat 975 mm (38.4 in)
Pro-4X 1,009 mm (39.7 in)

H. 3,550 mm (139.76 in)

J. 1,259 mm (49.6 in)

K. SV 1,725 mm (67.9 in)
Pro-4X/Plat 1,729 mm (68.1 in)

L. Without License Plate Holder:

SV/Pro-4X/Plat 5,781 mm
(227.6 in)

With License Plate Holder:

SV/Plat 5,795 mm (228.2 in)
Pro-4X 5,829 mm (229.5 in)

M. 2,020 mm (79.5 in)

N. SV/Plat (2WD) 33.0°
SV/Plat (4WD) 33.3°
Pro-4X (4WD) 34.0°

P. SV 2,018.5 mm (79.47 in)
Pro-4X/Plat 2,049.6 mm (80.7 in)

Q. SV/Plat (2WD) 37.5°
SV/Plat (4WD) 37.7°
Pro-4X (4WD) 37.9°

R. SV 1,725 mm (67.9 in)
Pro-4X/Plat 1,729 mm (68.1 in)

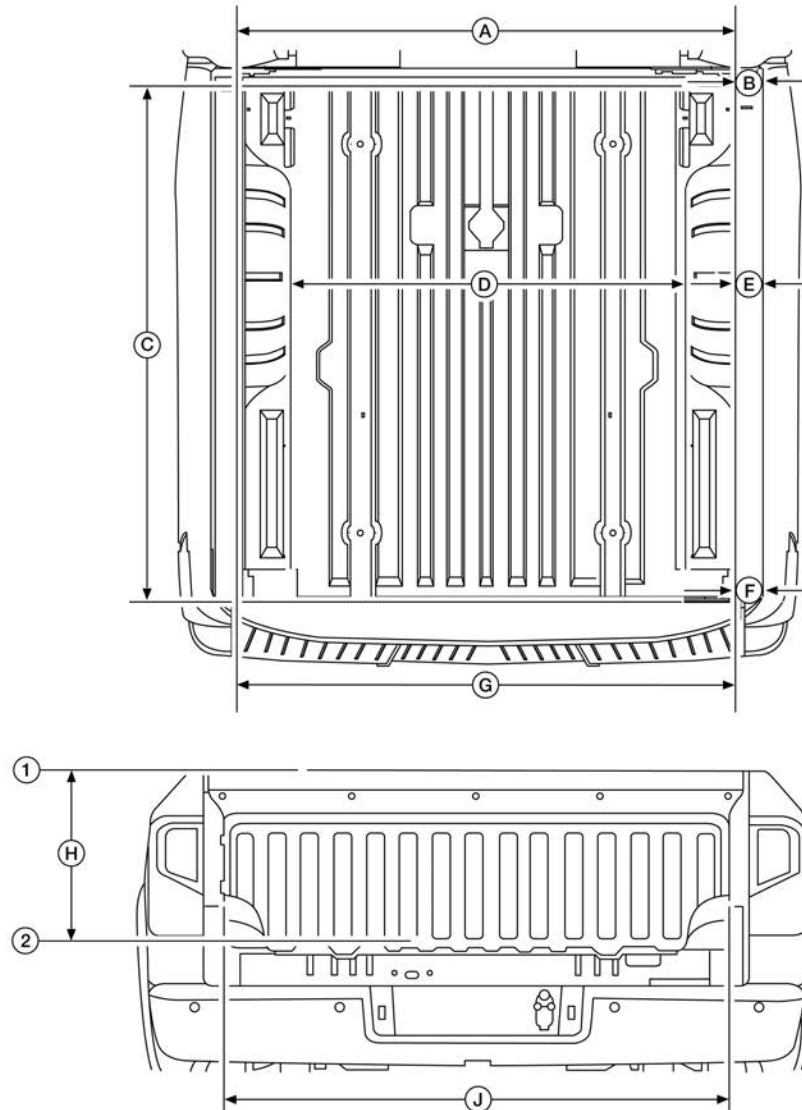
Bed Dimensions

NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0712ZZ

1. Top of bed side cap

2. Top of bed floor ribs

A. Maximum cargo width at front of bed:
1,560 mm (61.42 in)

B. Width of bed side cap at front:

89 mm (3.5 in)

E. Width of bed side cap at center:

96 mm (3.78 in)

H. Height of bed:

527.9 mm (20.8 in)

C. Maximum cargo length:

1,701.9 mm (66.2 in)

F. Width of bed side cap at rear:

89 mm (3.5 in)

J. Maximum cargo width

tailgate opening:

1,528 mm (60.16 in)

D. Maximum cargo width

between wheel wells:

1,271 mm (50.0 in)

G. Maximum cargo width at rear of bed:

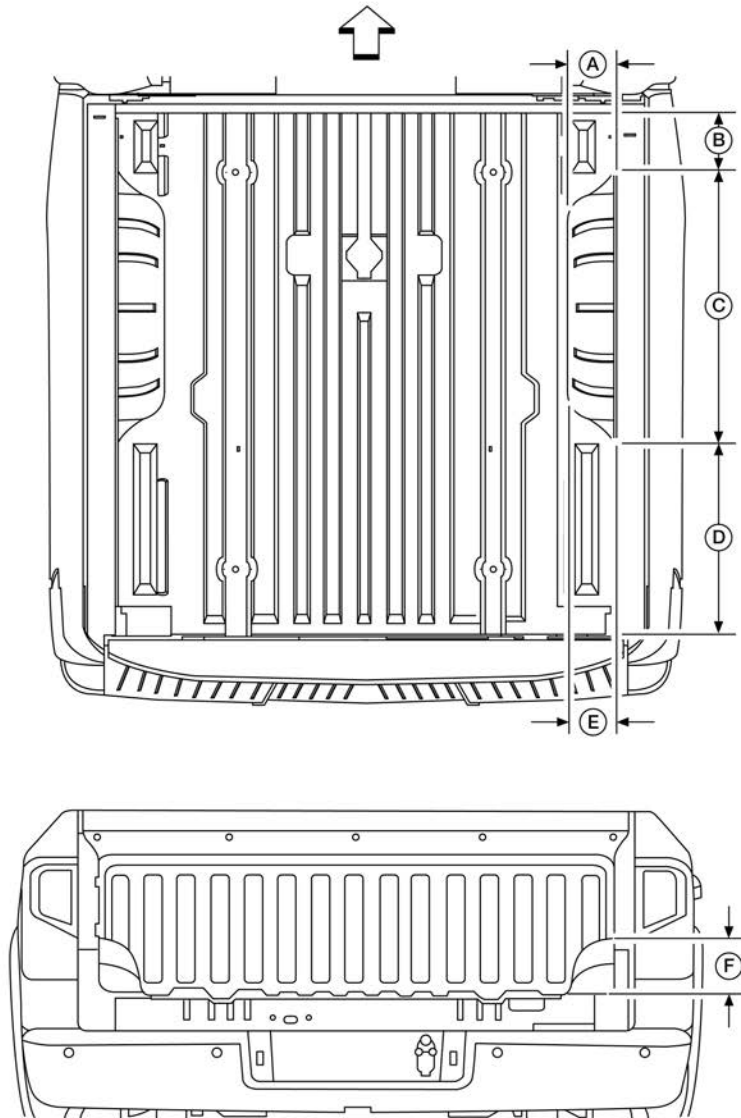
1,530 mm (60.24 in)

Wheel Well Clearance**NOTE:**

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0713ZZ

↖: Front of vehicle.

A. 184 mm (7.24 in)
D. 684 mm (26.93 in)

B. 286 mm (11.26 in)
E. 184 mm (7.24 in)

C. 732 mm (28.82 in)
F. 160 mm (6.30 in)

Tie-Down Hooks

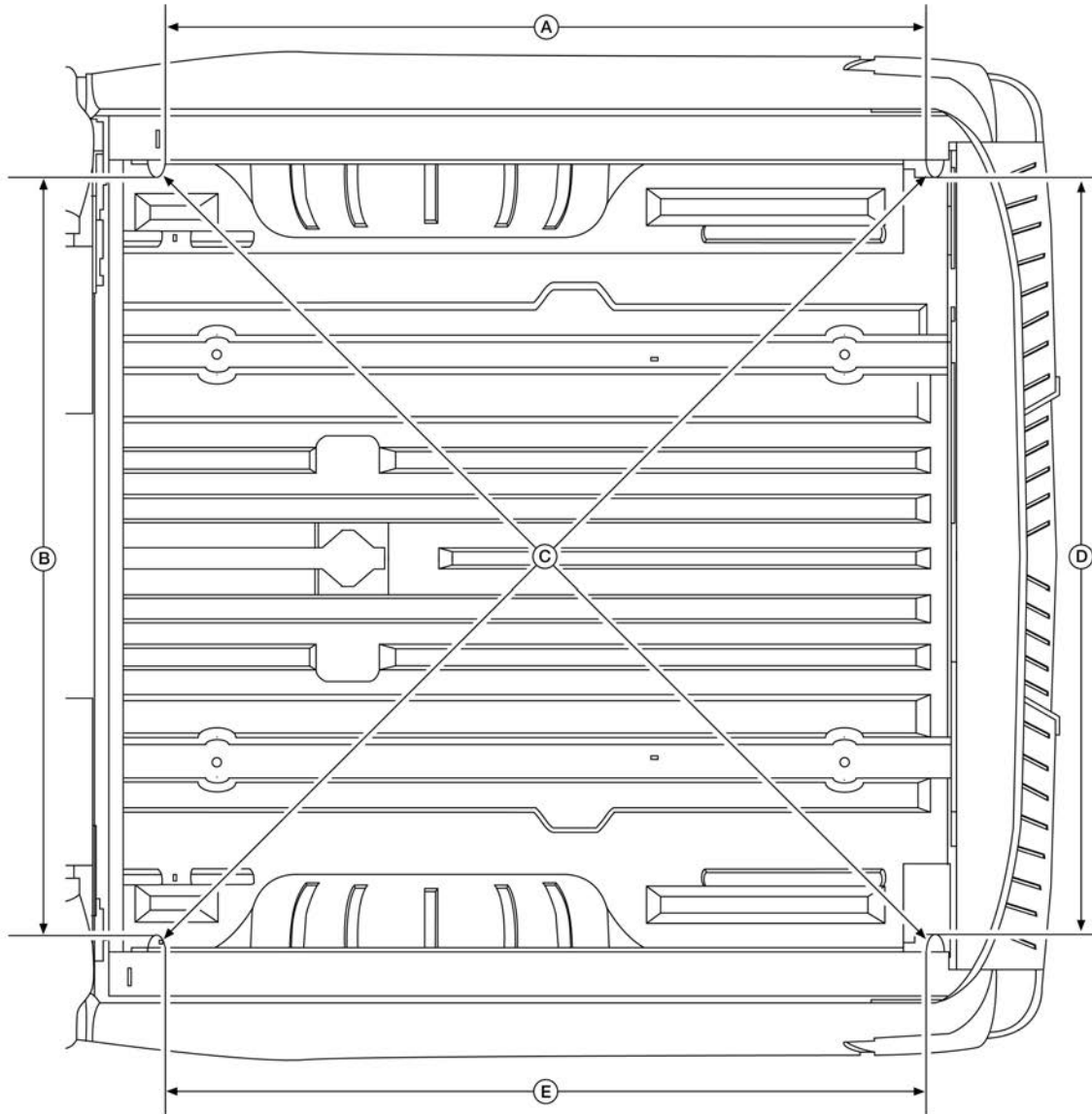
NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).

Overhead View



AAZIA0714ZZ

**WARNING:**

Do not exceed the maximum tie-down hook loading of 5,250 N (1,180.2 lbs.) per tie-down.

A. 1,560 mm (61.42 in)

B. 1,530 mm (60.24 in)

C. 2,110 mm (83.07 in)

D. 1,526 mm (60.08 in)

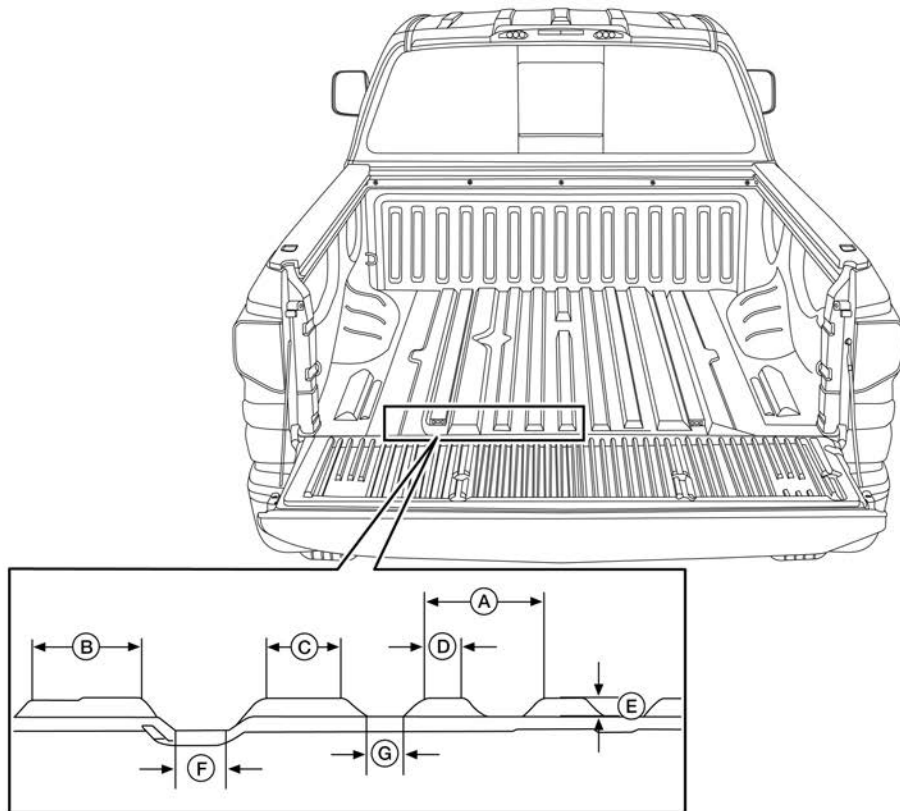
E. 1,560 mm (61.42 in)

Bed Rib Dimensions**NOTE:**

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0716ZZ

A. 100 mm (3.94 in)

B. 50 mm (1.97 in)

C. 68 mm (2.68 in)

D. 35 mm (1.38 in)

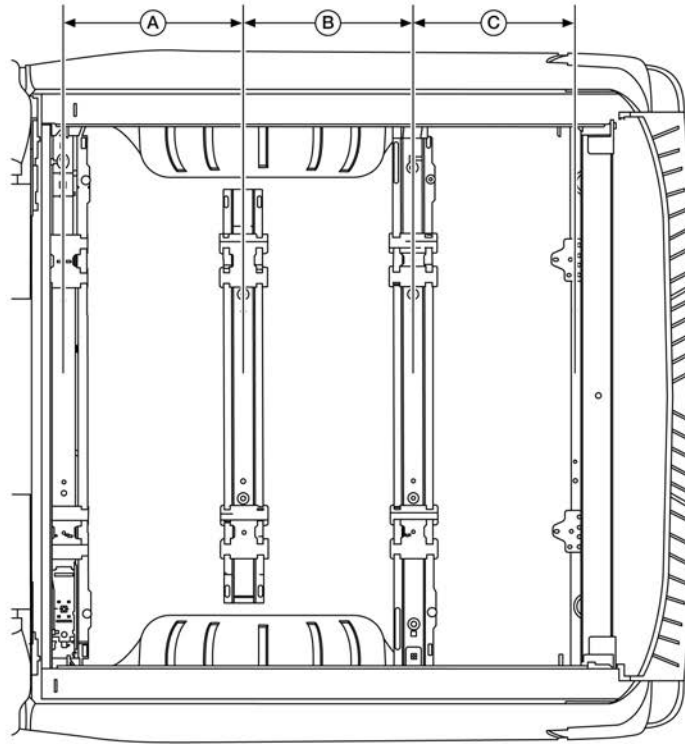
E. 16 mm (0.63 in)

F. 45 mm (1.77 in)

G. 42 mm (1.65 in)

Bed Support Dimensions**NOTE:**

Removal of the bed is not authorized by Nissan.

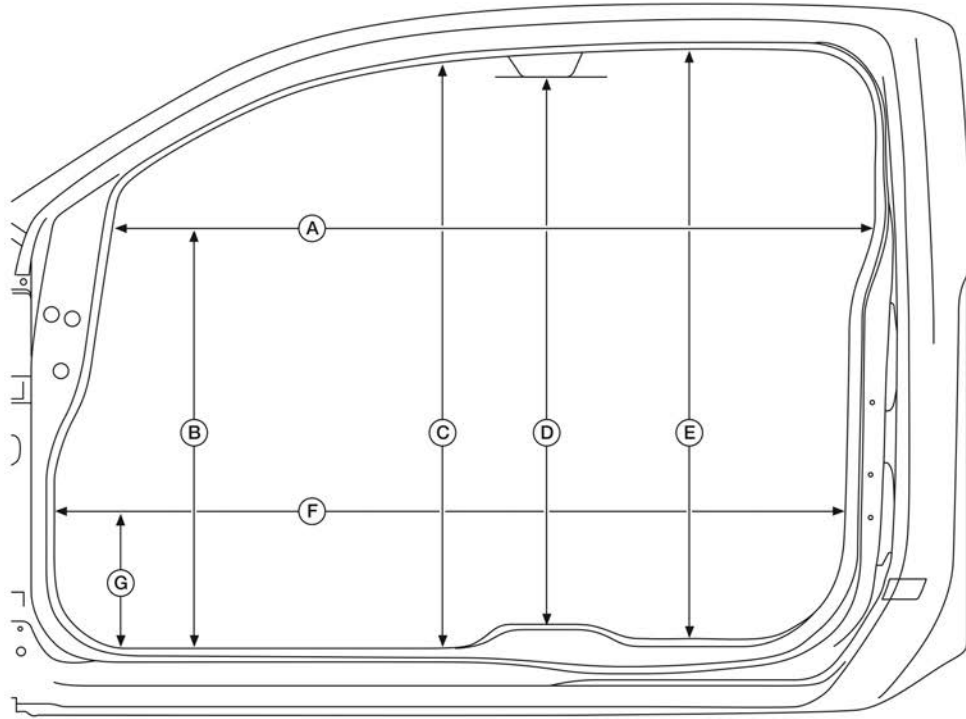


AAZIA0715ZZ

A. 547.20 mm (21.54 in)

B. 524.09 mm (20.63 in)

C. 565.18 mm (22.25 in)

EXTERIOR – KING CAB®**Door Opening Measurements**

AAZIA0909ZZ

Without Door Seal and Interior Trim

A. 1,568 mm (61.73 in)

B. 770 mm (30.31 in)

C. 1,212 mm (47.72 in)

D. 1,128 mm (44.41 in)

E. 1,222 mm (48.11 in)

F. 1,632 mm (64.25 in)

G. 300 mm (11.81 in)

With Door Seal and Interior Trim

A. 1,566 mm (61.73 in)

B. 770 mm (30.31 in)

C. 1,202 mm (47.32 in)

D. 1,128 mm (44.41 in)

E. 1,212 mm (47.72 in)

F. 1,630 mm (64.17 in)

G. 300 mm (11.81 in)

Doors and Mirrors Dimensions

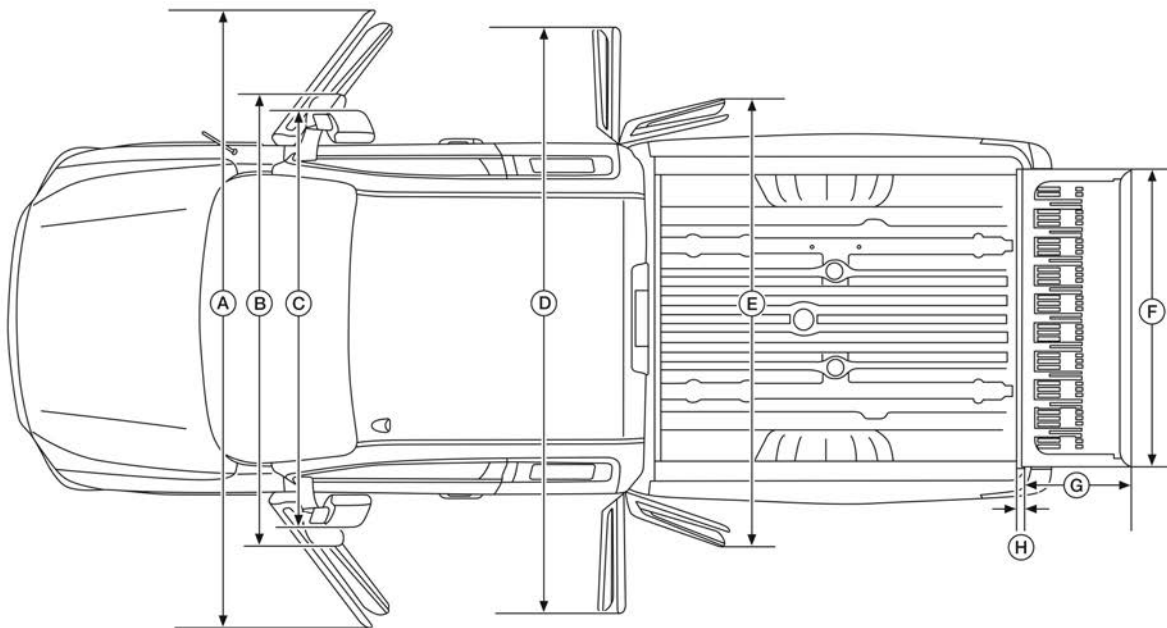
Overhead View

NOTE:

Removal of the bed is not authorized by Nissan.

**WARNING:**

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



AAZIA0910ZZ

A. 3,985 mm (156.89 in)

B. With Tow Mirrors Extended:
2,637 mm (103.82 in)
With Tow Mirrors Non-Extended:
2,494 mm (98.19 in)
Without Tow Mirrors:
2,370 mm (93.31 in)

C. With Mirrors Folded:
2,128 mm (83.78 in)

D. 3,690 mm (145.28 in)

E. 2,920 mm (114.96 in)

F. 1,636 mm (64.41 in)

G. With Trim: 600 mm (23.62 in)
Without Trim: 588 mm (23.15 in)

H. 32 mm (1.26 in)

Exterior Overall Dimensions (2017-2019 Model Years)

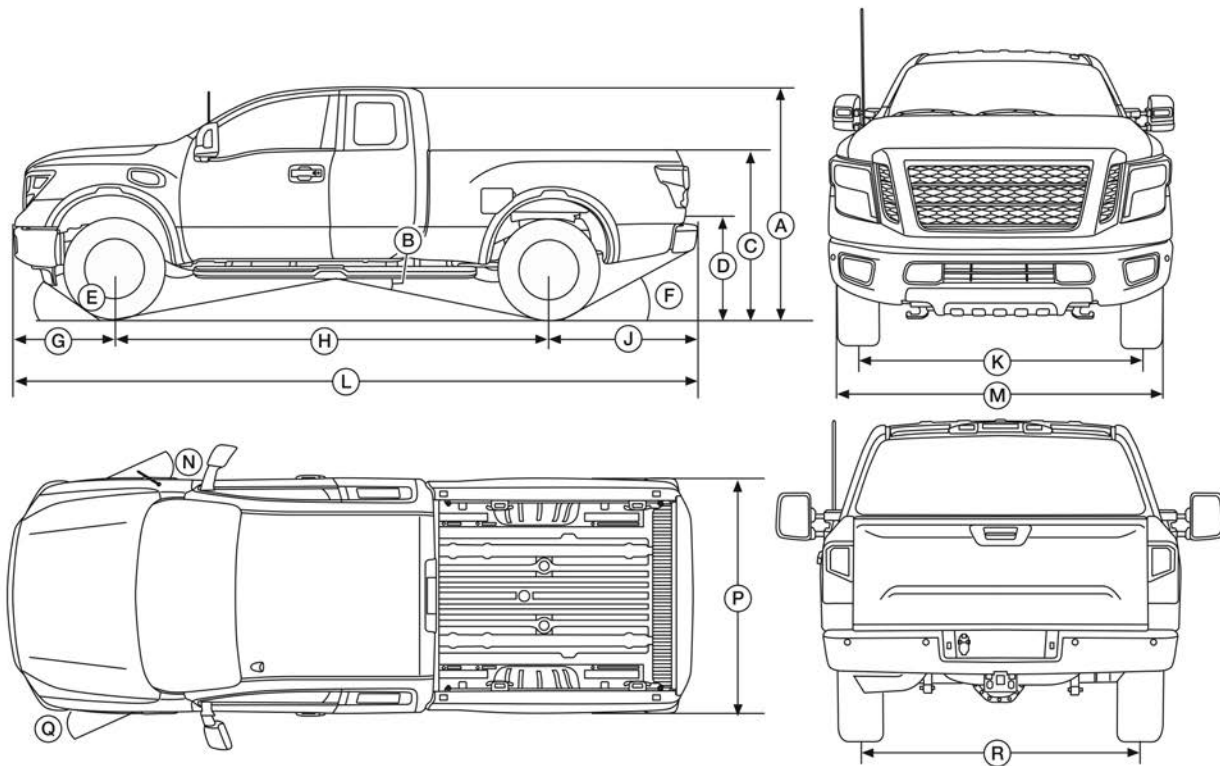
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



AAZIA0911ZZ

A. S (2WD) 1,906.6 mm (75.06 in)
S (4WD) 1,921.8 mm (75.66 in)
SV (2WD) 1,908.0 mm (75.12 in)
SV (4WD) 1,923.2 mm (75.72 in)
Pro-4X 1,953.2 mm (76.90 in)

B. Rampover Angle:
S (2WD) 20.5°
S (4WD) 21.5°
SV (2WD) 20.6°
SV (4WD) 19.7°
Pro-4X 21.7°

C. 1,384 mm (54.49 in) (with trim)
1,378 mm (54.25 in) (without trim)

D. 874 mm (34.41 in)

E. Approach Angle:
S (2WD) 16.3°
S (4WD) 17.4°
SV (2WD) 16.5°
SV (4WD) 17.6°
Pro-4X 22.8°

F. Departure Angle:
S/SV (2WD without hitch) 24.7°
S/SV (2WD with hitch) 20.8°
S/SV (4WD without hitch) 25.4°
S (4WD with hitch) 21.5°
SV (4WD with hitch) 21.6°
Pro-4X without hitch 26.8°
Pro-4X with hitch 23.0°

G. 985 mm (38.78 in)
 K. S/SV 1,725 mm (67.9 in)
 Pro-4X 1,729 mm (68.1 in)
 N. S/SV 33.0°
 Pro-4X 34.0°

 R. S/SV 1,725 mm (67.9 in)
 Pro-4X 1,729 mm (68.1 in)

H. 3,550 mm (139.76 in)
 L. S/SV 5,794.2 mm (228.1 in)
 Pro-4X 5,804.1 mm (228.5 in)
 P. S/SV 2,020 mm (79.53 in)
 Pro-4X 2,049.6 mm (80.69 in)

J. 1,259 mm (49.57 in)
 M. S/SV 2,020 mm (79.53 in)
 Pro-4X 2,049.6 mm (80.69 in)
 Q. S/SV (2WD) 37.5°
 S/SV (4WD) 37.75°
 Pro-4X (4WD) 37.92°

Exterior Overall Dimensions (2020 and 2021 Model Years)

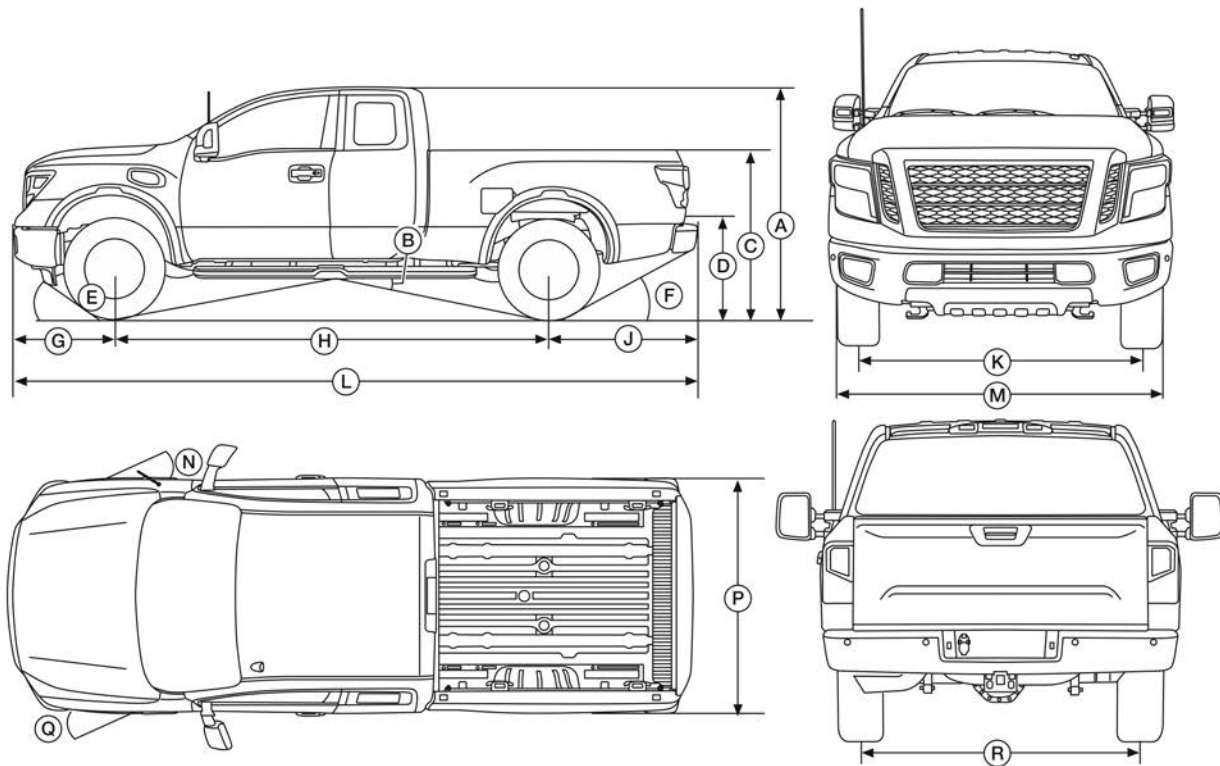
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



AAZIA0911ZZ

A. S/SV (2WD) 1,907.54 mm
(75.1 in)

S/SV (4WD) 1,922.78 mm (75.7 in)
Pro-4X 1,953.2 mm (76.9 in)

B. Rampover Angle:
S (2WD) 20.6°
S (4WD) 19.7°
SV (2WD) 20.6°
SV (4WD) 19.7°
Pro-4X 21.7°

C. S/SV (2WD) 1,388 mm (54.7 in)
S/SV (4WD) 1,402 mm (55.3 in)
Pro-4X 1434 mm (56.5 in)

D. 874 mm (34.41 in)

E. Approach Angle:
S (2WD) 16.3°
SV (2WD) 16.5°
S (4WD) 17.4°
SV (4WD) 17.6°
Pro-4X 22.8°

F. Departure Angle:
S/SV (2WD without hitch) 24.7°
S/SV (2WD with hitch) 20.8°
S/SV (4WD without hitch) 25.4°
S (4WD with hitch) 21.5°
SV (4WD with hitch) 21.5°
Pro-4X without hitch 26.8°
Pro-4X with hitch 23.0°

G. S/SV 975 mm (38.4 in)
Pro-4X 1,009 mm (39.7 in)

H. 3,550 mm (139.76 in)

J. 1,259 mm (49.6 in)

K. S/SV 1,725 mm (67.9 in)
Pro-4X 1,729 mm (68.1 in)

L. Without License Plate Holder:

S/SV 5,795 mm (228.2 in)

Pro-X 5,813 mm (228.9 in)

With License Plate Holder:

S/SV 5,795 mm (228.2 in)

Pro-4X 5,829 mm (229.5 in)

M. S/SV 2,020 mm (79.53 in)

Pro-4X 2,049.6 mm (80.69 in)

N. S/SV 33.0°

Pro-4X 34.0°

P. S/SV 2,019 mm (79.5 in)

Pro-4X 2,050 mm (80.7 in)

Q. S/SV (2WD) 37.5°

S/SV (4WD) 37.75°

Pro-4X (4WD) 37.92°

R. S/SV 1,725 mm (67.9 in)

Pro-4X 1,729 mm (68.1 in)

Exterior Overall Dimensions (2022 and 2023 Model Years)

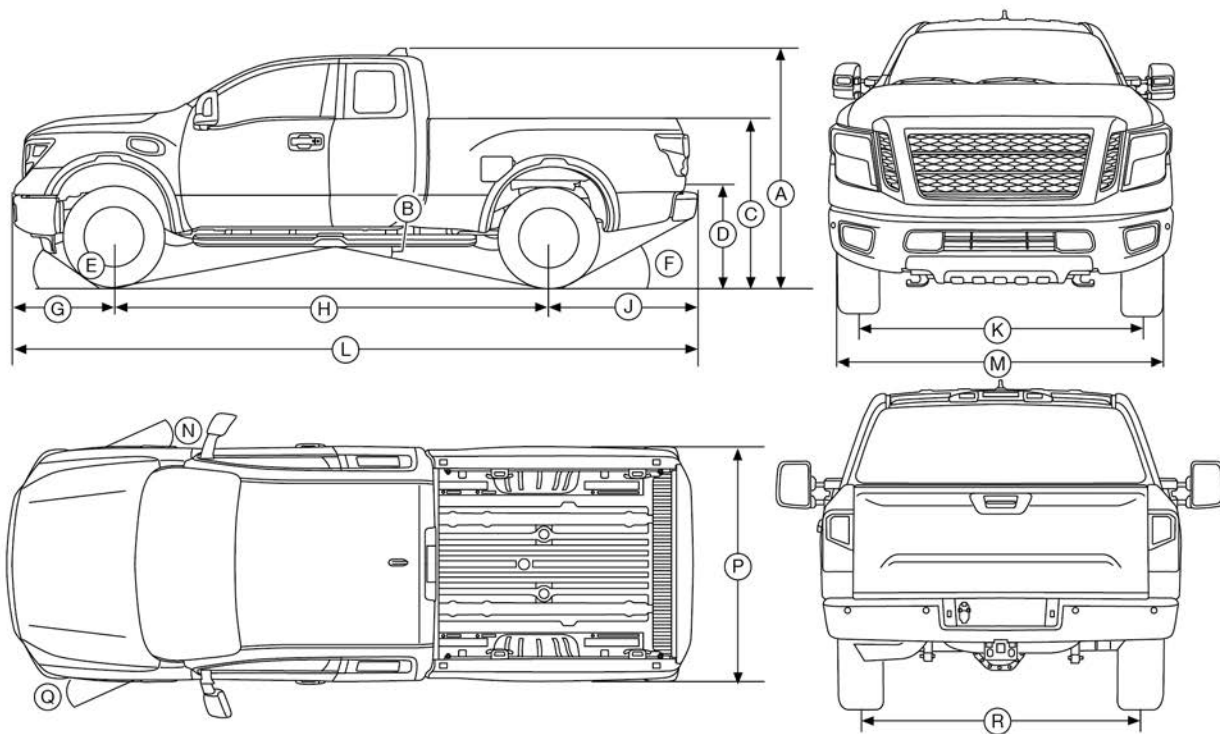
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



TGAZIA0350ZZ

A. S (2WD) 1,968.2 mm (77.4 in)
SV (2WD) 1,970.1 mm (77.6 in)
S (4WD) 1,982.3 mm (78.0 in)
SV (4WD) 1,984.2 mm (78.1 in)

B. Rampover Angle:
S (2WD) 20.6°
S (4WD) 19.7°
SV (2WD) 20.6°
SV (4WD) 19.7°

C. S/SV (2WD) 1,388 mm (54.7 in)
S/SV (4WD) 1,402 mm (55.3 in)

D. 874 mm (34.41 in)

E. Approach Angle:
S (2WD) 21.2°
SV (2WD) 16.5°
S (4WD) 22.1°
SV (4WD) 17.6°

F. Departure Angle:
S/SV (2WD without hitch) 24.7°
S/SV (2WD with hitch) 20.8°
S/SV (4WD without hitch) 25.4°
S (4WD with hitch) 21.5°
SV (4WD with hitch) 21.5°

G. S/SV 975 mm (38.4 in)	H. 3,550 mm (139.76 in)	J. 1,259 mm (49.6 in)
K. S/SV 1,725 mm (67.9 in)	L. Without License Plate Holder: S/SV 5,792 mm (228.0 in) With License Plate Holder: S/SV 5,795 mm (228.2 in)	M. S/SV 2,020 mm (79.53 in)
N. S/SV 33.0°	P. S/SV 2,019 mm (79.5 in)	Q. S/SV (2WD) 37.5° S/SV (4WD) 37.75°
R. S/SV 1,725 mm (67.9 in)		

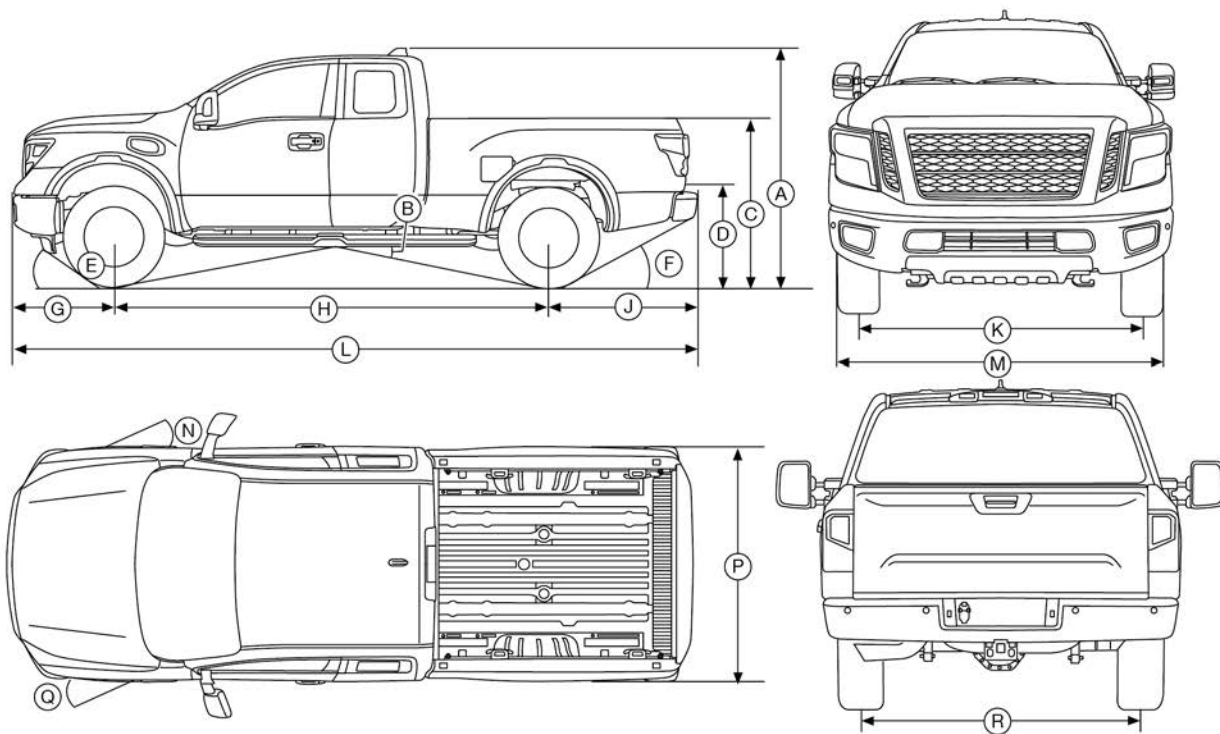
Exterior Overall Dimensions (2024 Model Year)

NOTE:

Removal of the bed is not authorized by Nissan.

**WARNING:**

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



TGAZIA0350ZZ

A. SV (4WD) 1,984.2 mm (78.1 in)	B. Rampover Angle: SV (4WD) 19.7°	C. SV (4WD) 1,402 mm (55.3 in)
D. 874 mm (34.41 in)	E. Approach Angle: SV (4WD) 17.6°	F. Departure Angle: SV (4WD without hitch) 25.4° SV (4WD with hitch) 21.5°
G. SV 975 mm (38.4 in)	H. 3,550 mm (139.76 in)	J. 1,259 mm (49.6 in)
K. SV 1,725 mm (67.9 in)	L. Without License Plate Holder: SV 5,792 mm (228.0 in) With License Plate Holder: SV 5,795 mm (228.2 in)	M. SV 2,020 mm (79.53 in)
N. SV 33.0°	P. SV 2,019 mm (79.5 in)	Q. SV (4WD) 37.75°
R. SV 1,725 mm (67.9 in)		

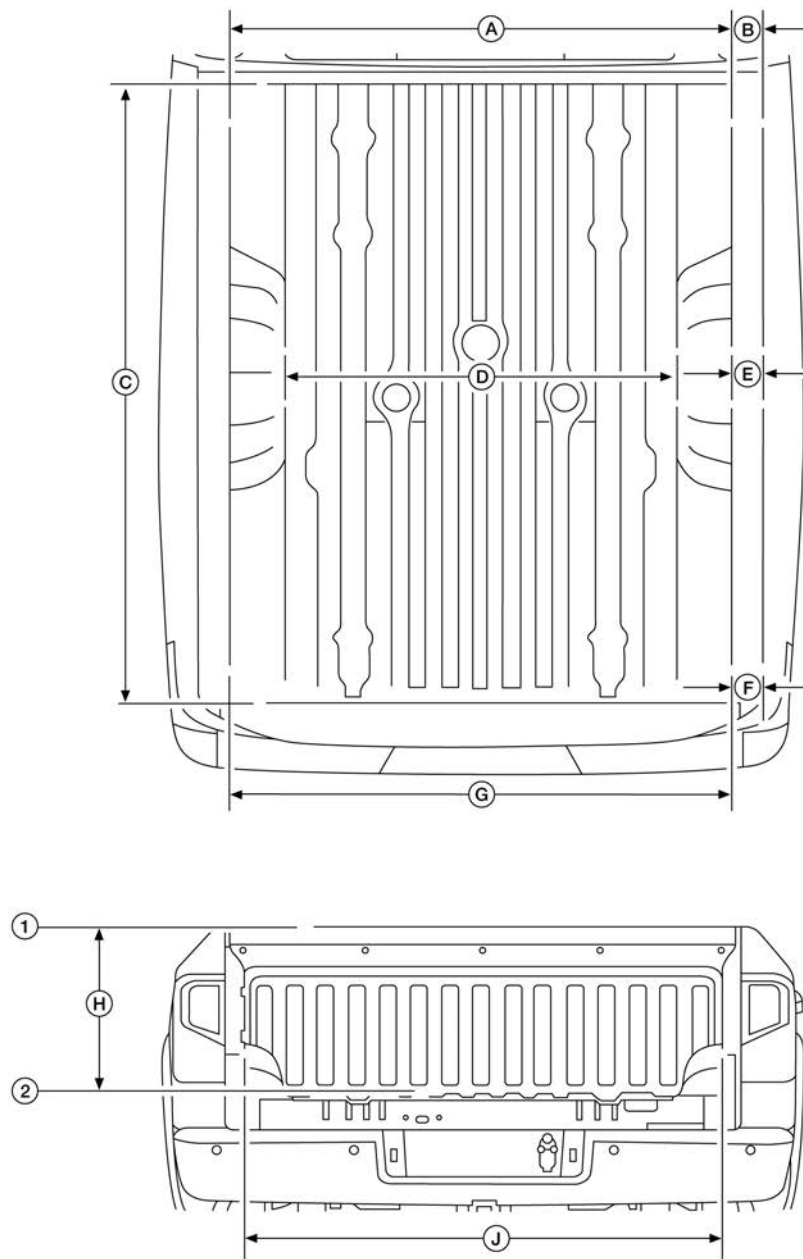
Bed Dimensions

NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0532ZZ

1. Top of bed side cap

2. Top of bed floor ribs

A. Maximum cargo width at front of bed:
1,572 mm (61.89 in)

B. Width of bed side cap at front:
89 mm (3.5 in)

E. Width of bed side cap at center:
94 mm (3.7 in)

H. Height of bed:
5279 mm (20.8 in)

C. Maximum cargo length:
2,000 mm (78.7 in)

F. Width of bed side cap at rear:
89 mm (3.5 in)

J. Maximum cargo width tailgate opening:
1,525 mm (60.04 in)

D. Maximum cargo width between wheel wells:
1,271 mm (50.0 in)

G. Maximum cargo width at rear of bed:
1,620.0 mm (63.8 in)

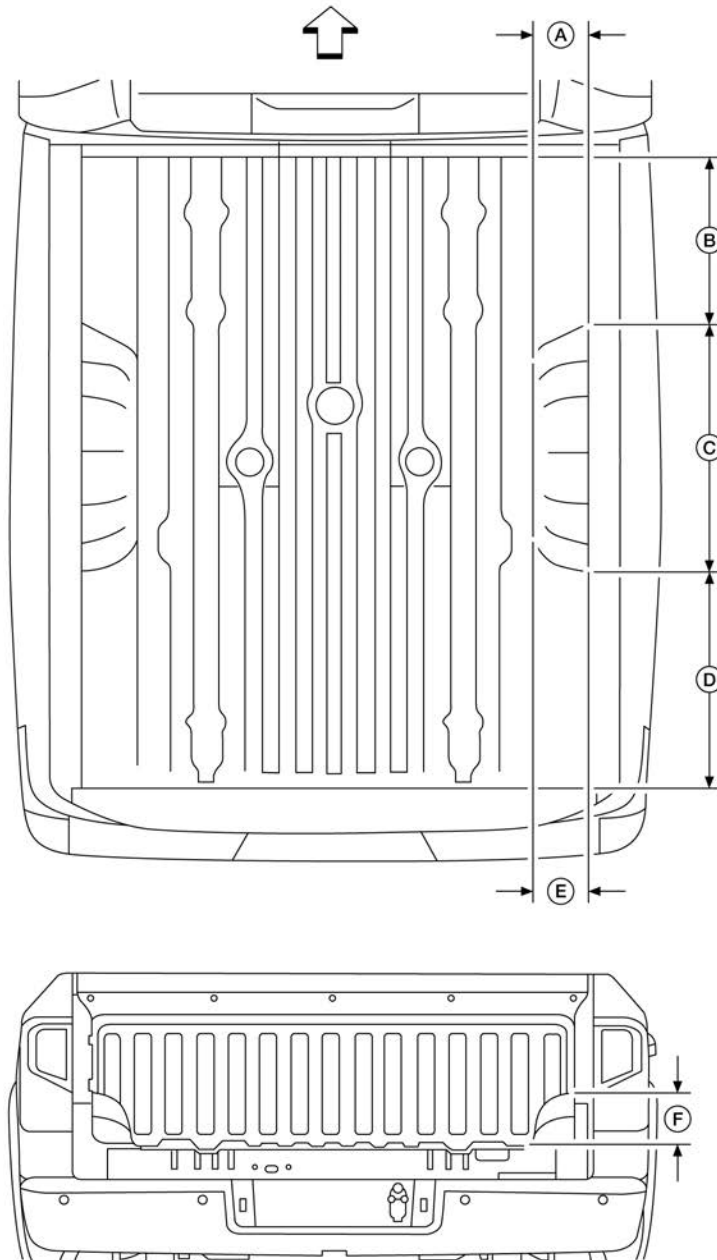
Wheel Well Clearance

NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0540ZZ

↖: Front of vehicle.

A. 185 mm (7.28 in)
D. 620 mm (24.41 in)

B. 550 mm (21.65 in)
E. 185 mm (7.28 in)

C. 815 mm (32.09 in)
F. 220 mm (8.66 in)

Tie-Down Hooks

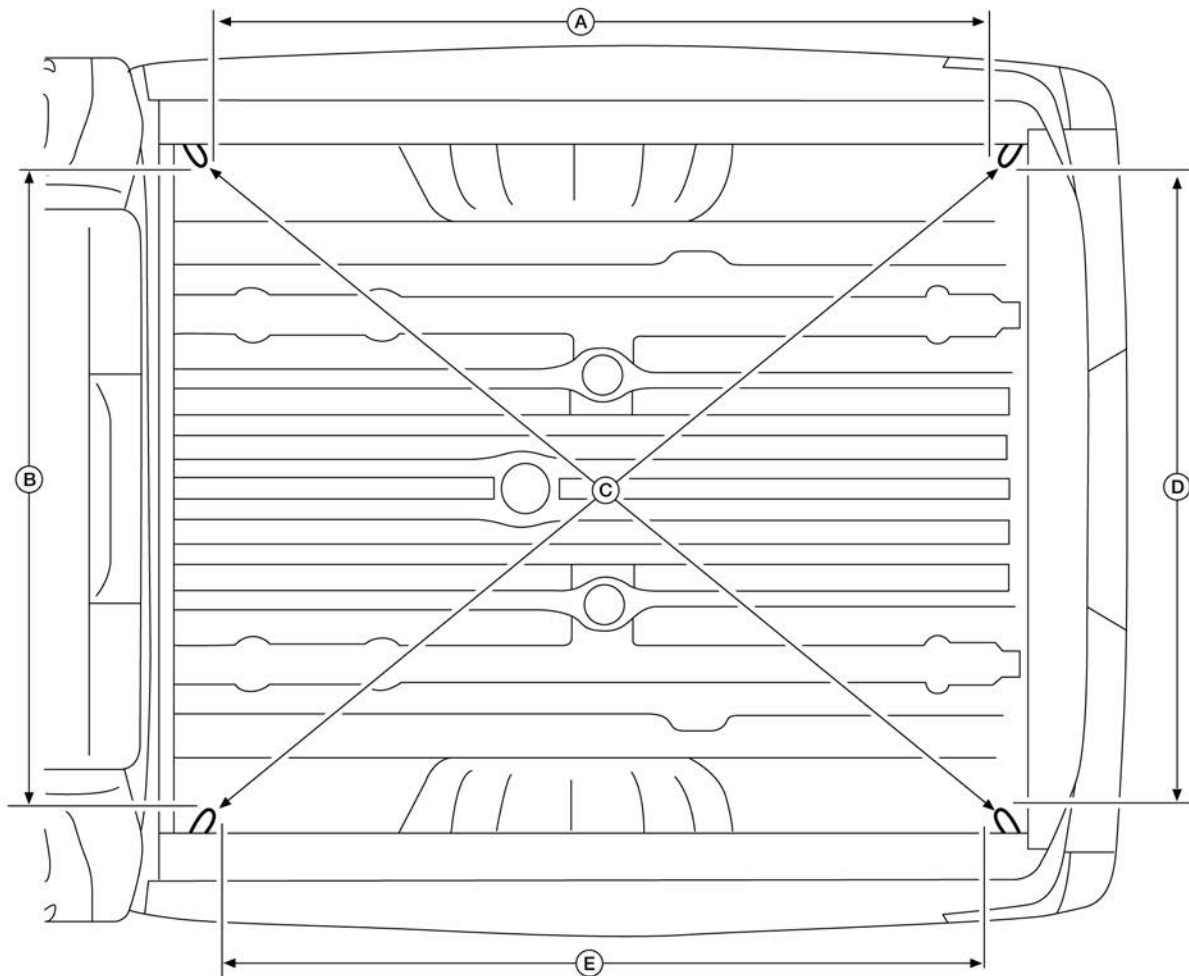
NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).

Overhead View



AAZIA0535ZZ

**WARNING:**

Do not exceed the maximum tie-down hook loading of 5,250 N (1,180.2 lbs.) per tie-down.

A. 1,737 mm (68.39 in)

B. 1,523 mm (59.96 in)

C. 2,318 mm (91.26 in)

D. 1,523 mm (59.96 in)

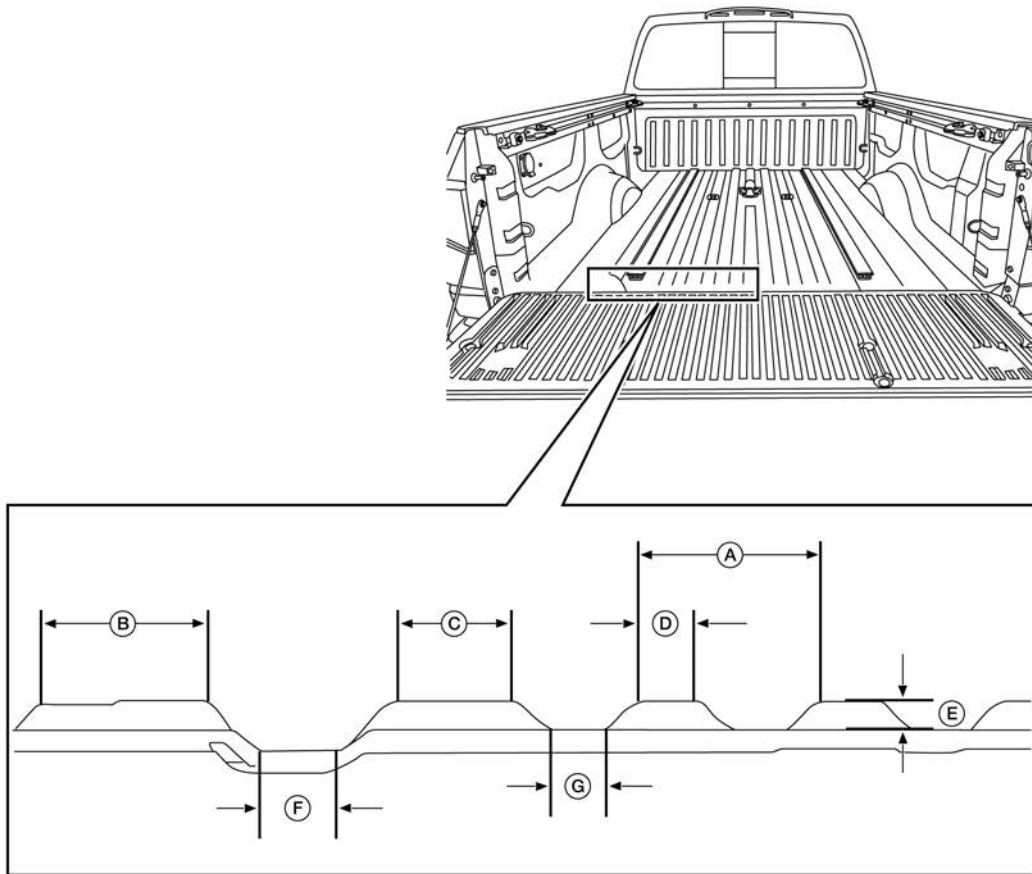
E. 1,737 mm (68.39 in)

Bed Rib Dimensions**NOTE:**

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0505ZZ

A. 100 mm (3.94 in)

B. 50 mm (1.97 in)

C. 68 mm (2.68 in)

D. 35 mm (1.38 in)

E. 16 mm (0.63 in)

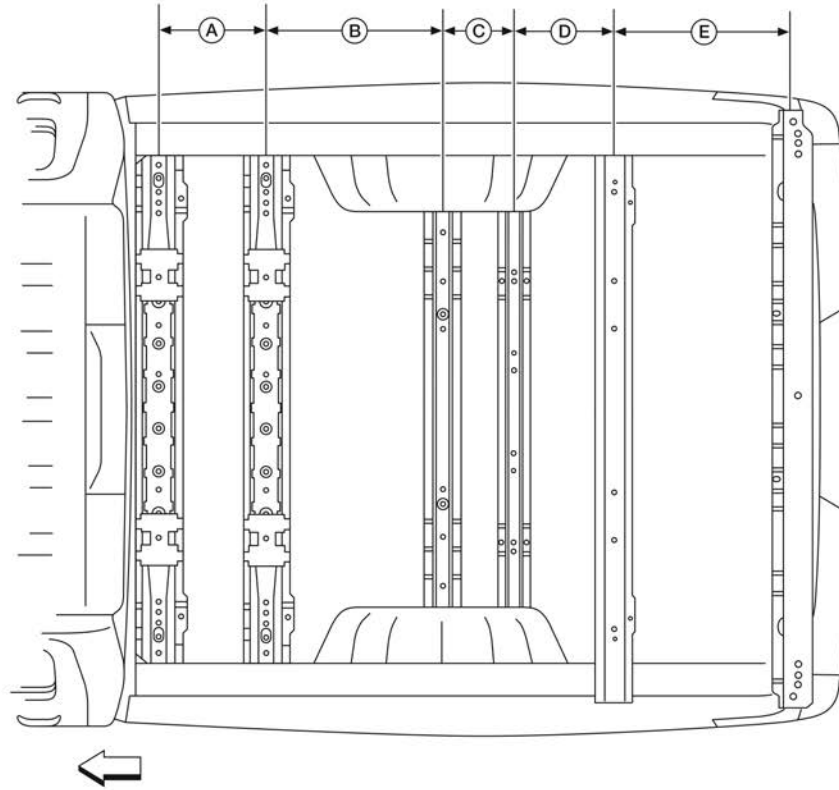
F. 45 mm (1.77 in)

G. 42 mm (1.65 in)

Bed Support Dimensions

NOTE:

Removal of the bed is not authorized by Nissan.



AAZIA0960ZZ

↩: Front of vehicle.

A. 300 mm (11.81 in)

B. 530 mm (20.87 in)

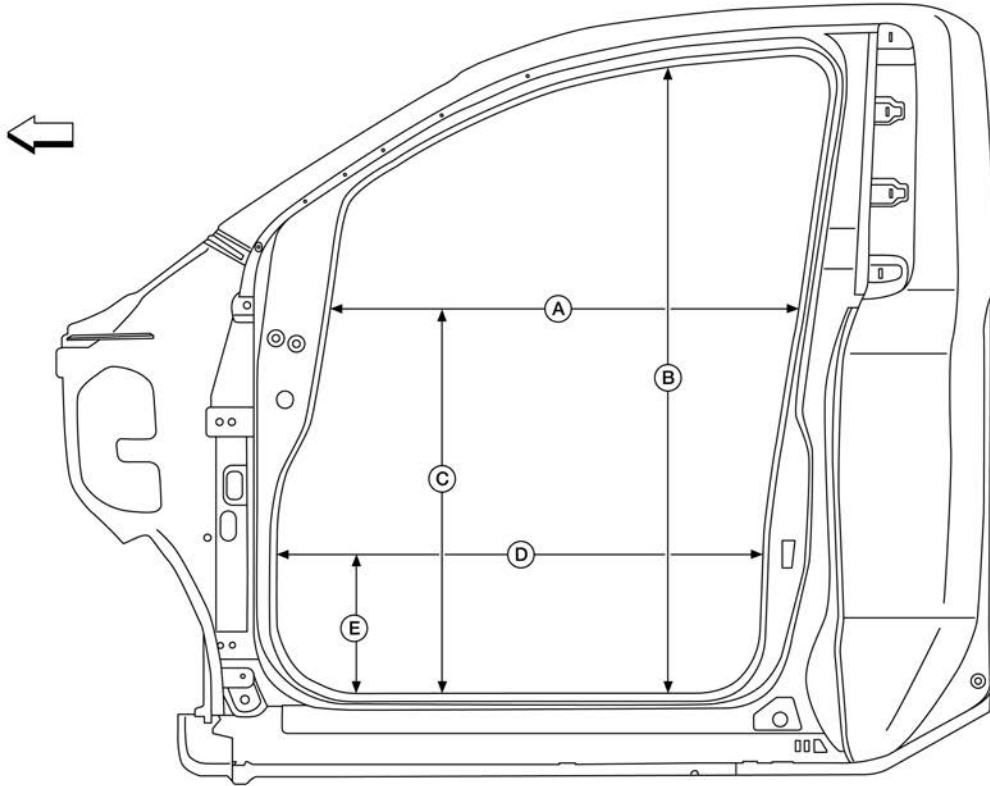
C. 213 mm (8.39 in)

D. 286 mm (11.26 in)

E. 530 mm (20.87 in)

EXTERIOR — SINGLE CAB (2017-2019 Model Years)

Door Opening Measurements



AAZIA0816ZZ

↖: Front of vehicle.

Without Door Seal and Interior Trim

A. 901 mm (35.47 in)

B. 1,212 mm (47.72 in)

C. 770 mm (30.31 in)

D. 930 mm (36.61 in)

E. 300 mm (11.81 in)

With Door Seal and Interior Trim

A. 894 mm (35.20 in)

B. 1,202 mm (47.32 in)

C. 770 mm (30.31 in)

D. 924 mm (36.38 in)

E. 300 mm (11.81 in)

Doors and Mirrors Dimensions

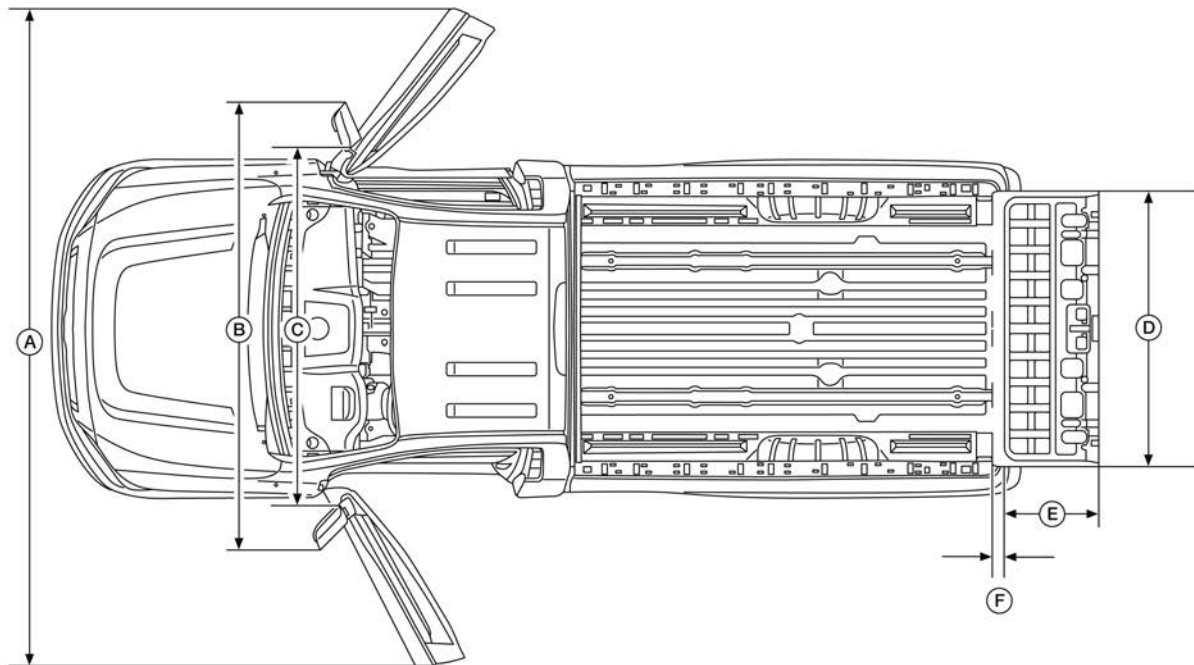
Overhead View

NOTE:

Removal of the bed is not authorized by Nissan.

**WARNING:**

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



AAZIA0848ZZ

A. 4,004 mm (157.64 in)

B. With Tow Mirrors Extended:
2,607.19 mm (102.6 in)
With Tow Mirrors Non-Extended:
2,494 mm (98.19 in)
Without Tow Mirrors: 2,370 mm
(93.31 in)

C. With Mirrors Folded:
2,232 mm (87.87 in)

D. 1,636 mm (64.41 in)

E. 577 mm (22.72 in)

F. 32 mm (1.26 in)

Exterior Overall Dimensions

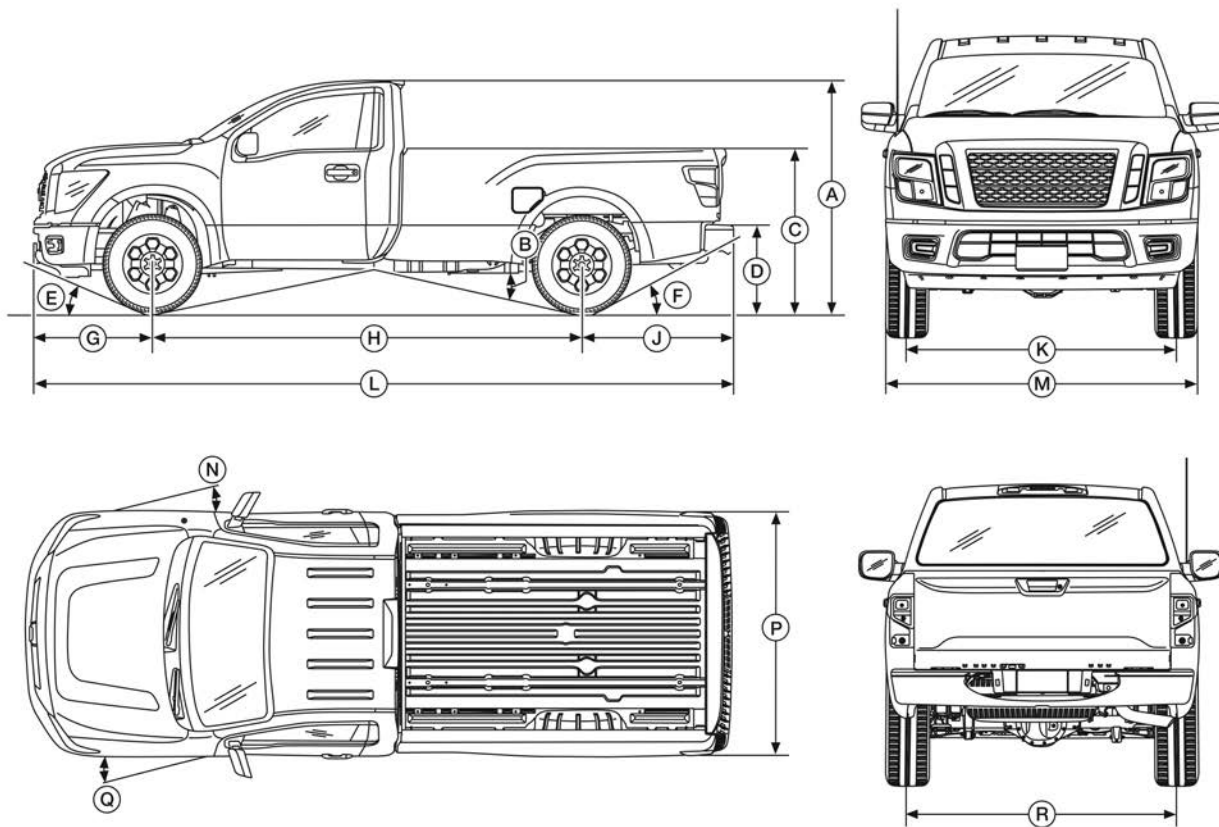
NOTE:

Removal of the bed is not authorized by Nissan.



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.



AAZIA0812ZZ

A. S (2WD) 1,893.0 mm (74.5 in)

S (4WD) 1,907.9 mm (75.1 in)

SV (2WD) 1,894.0 mm (74.6 in)

SV (4WD) 1,908.9 mm (75.2 in)

D. 977 mm (38.46 in)

B. Rampover Angle:

S/SV (2WD) 20.6°

S (4WD) 19.7°

SV (4WD) 19.8°

E. Approach Angle:

S (2WD) 16.4°

S (4WD) 17.5°

SV (2WD) 16.5°

SV (4WD) 17.6°

C. SV 2WD: 1,396 mm (54.96 in)

Except SV 2WD 1,473 mm (57.99 in)

F. Departure Angle:

S (2WD without hitch) 24.7°

S (2WD with hitch) 20.8°

S (4WD without hitch) 25.5°

S (4WD with hitch) 21.6°

SV (2WD without hitch) 24.8°

SV (2WD with hitch) 20.9°

SV (4WD without hitch) 25.5°

SV (4WD with hitch) 21.7°

EXTERIOR — SINGLE CAB (2017-2019 Model Years)

[BODY DIMENSIONS]

G. S/SV 985.2 mm (38.79 in)

K. S/SV 1,725 mm (67.91 in)

N. S/SV (2WD) 33°

S/SV (4WD) 33°

R. S/SV 1,725 mm (67.91 in)

H. 3,550 mm (139.76 in)

L. S/SV 5,794.2 mm (228.1 in)

P. S/SV 2,020 mm (79.5 in)

J. 1,259 mm (49.57 in)

M. 2,020 mm (79.5 in)

Q. S/SV (2WD) 37.5°

S/SV (4WD) 37.75°

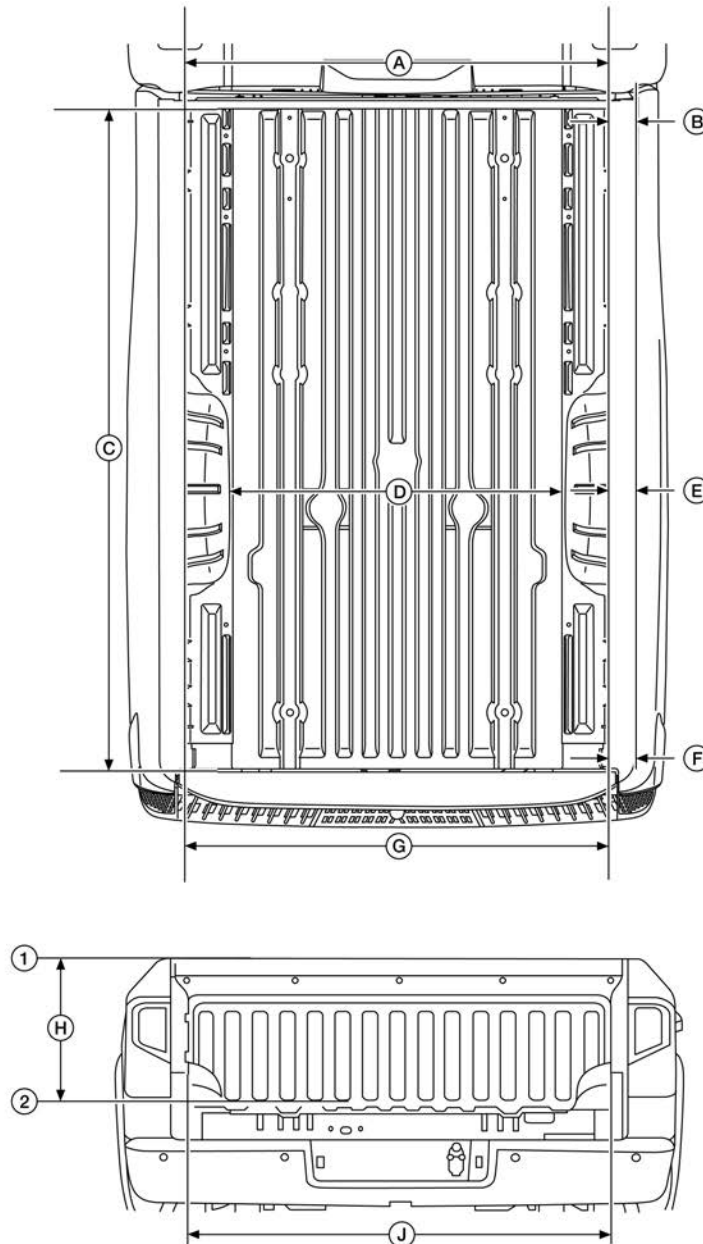
Bed Dimensions

NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0808ZZ

1. Top of bed side cap

2. Top of bed floor ribs

A. Maximum cargo width at front of bed:
1,560 mm (61.42 in)

EXTERIOR — SINGLE CAB (2017-2019 Model Years)

[BODY DIMENSIONS]

B. Width of bed side cap at front:

89 mm (3.5 in)

E. Width of bed side cap at center:

96 mm (3.78 in)

H. Height of bed:

527.9 mm (20.8 in)

C. Maximum cargo length:

2,500 mm (98.42 in)

F. Width of bed side cap at rear:

89 mm (3.5 in)

J. Maximum cargo width

tailgate opening:

1,528 mm (60.16 in)

D. Maximum cargo width

between wheel wells:

1,271 mm (50.0 in)

G. Maximum cargo width at rear of bed:

1,530 mm (60.24 in)

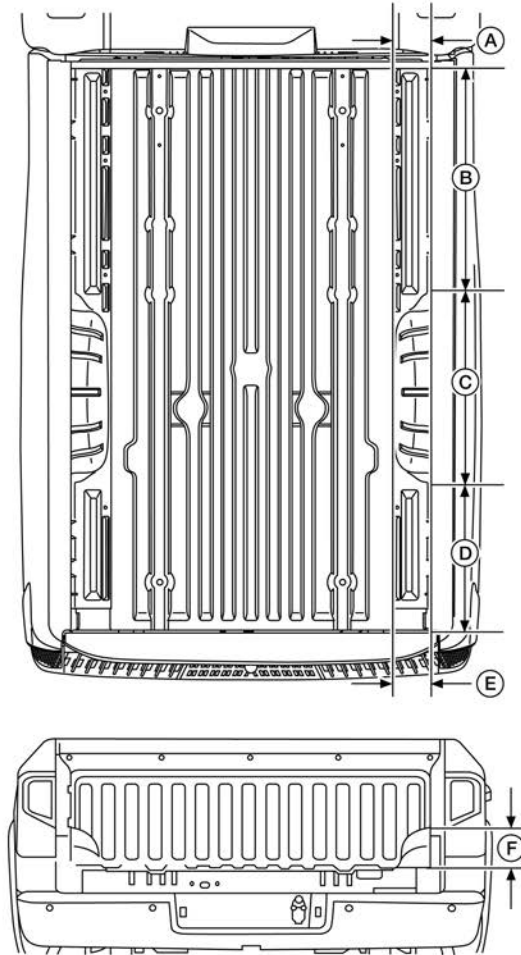
Wheel Well Clearance

NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0809ZZ

A. 184 mm (7.24 in)

B. 1,050 mm (41.34 in)

C. 815 mm (32.09 in)

D. 640 mm (25.20 in)

E. 184 mm (7.24 in)

F. 160 mm (6.30 in)

Tie-Down Hooks

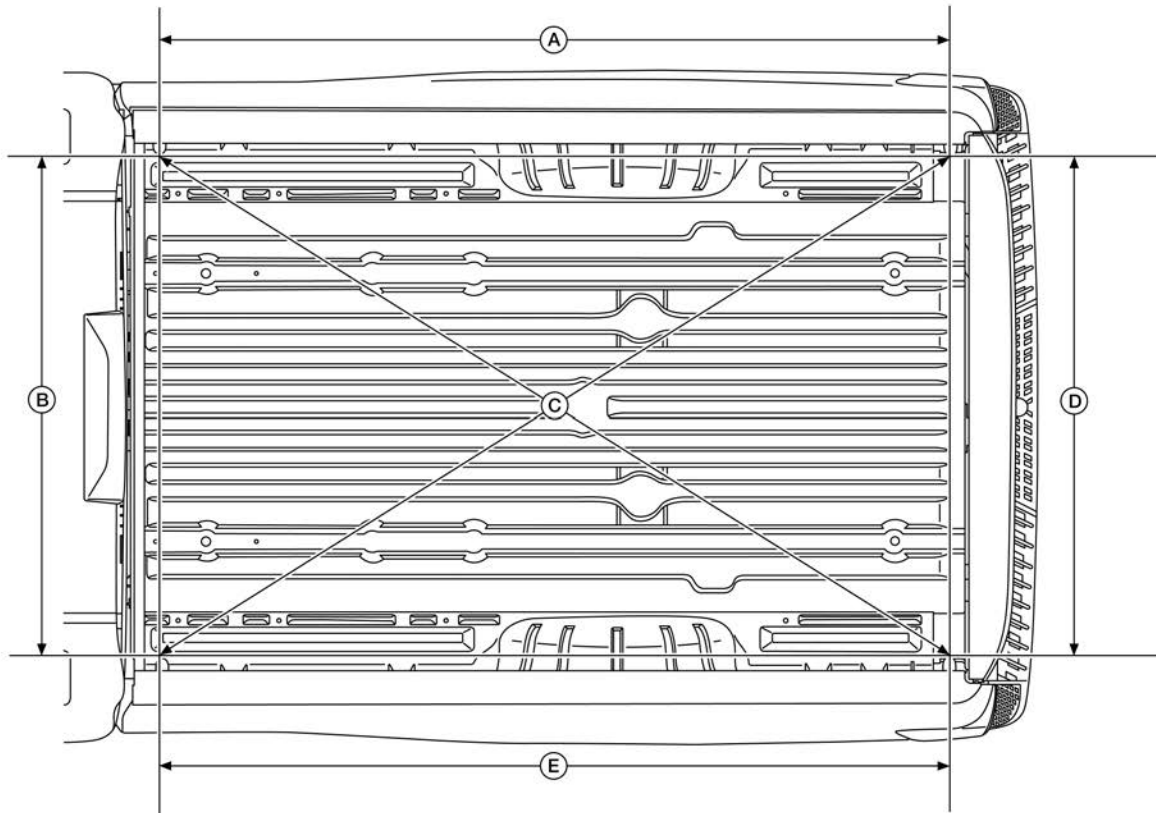
NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).

Overhead View



AAZIA0810ZZ

**WARNING:**

Do not exceed the maximum tie-down hook loading of 5,250 N (1,180.2 lbs.) per tie-down.

A. 2,250 mm (88.58 in)

B. 1,530 mm (60.24 in)

C. 2,720 mm (107.09 in)

D. 1,526 mm (60.08 in)

E. 2,250 mm (88.58 in)

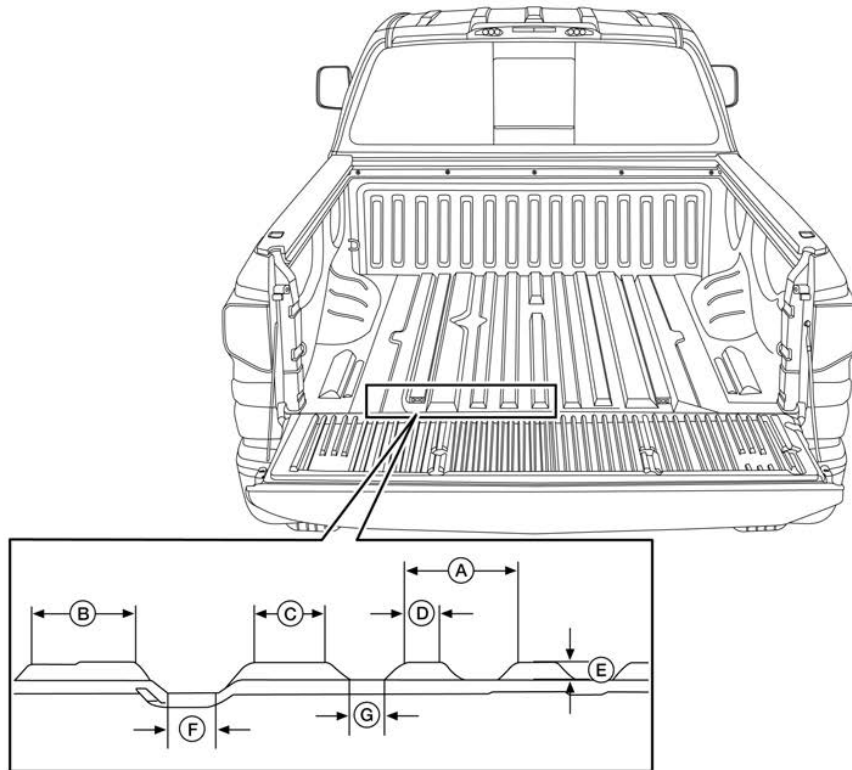
Bed Rib Dimensions

NOTE:

Removal of the bed is not authorized by Nissan.

NOTE:

All measurements in this section are taken from metal surface to metal surface. The nominal thickness of the spray-in bed liner is 1.5 mm (0.06 in).



AAZIA0716ZZ

A. 100 mm (3.94 in)

B. 50 mm (1.97 in)

C. 68 mm (2.68 in)

D. 35 mm (1.38 in)

E. 16 mm (0.63 in)

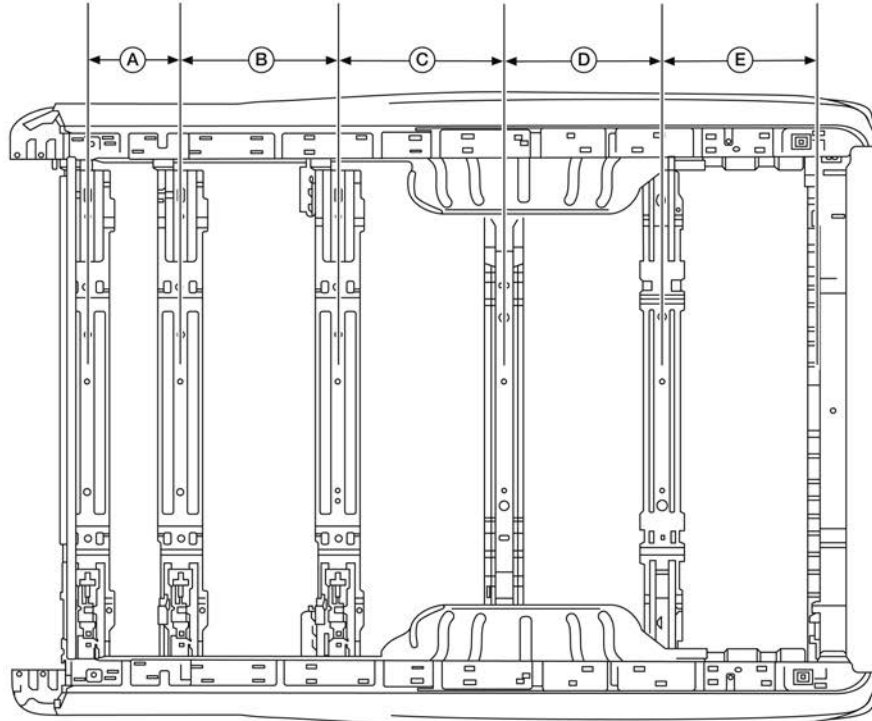
F. 45 mm (1.77 in)

G. 42 mm (1.65 in)

Bed Support Dimensions

NOTE:

Removal of the bed is not authorized by Nissan.



AAZIA0811ZZ

A. 299.4 mm (11.79 in)

B. 500.09 mm (19.69 in)

C. 529.3 mm (20.84 in)

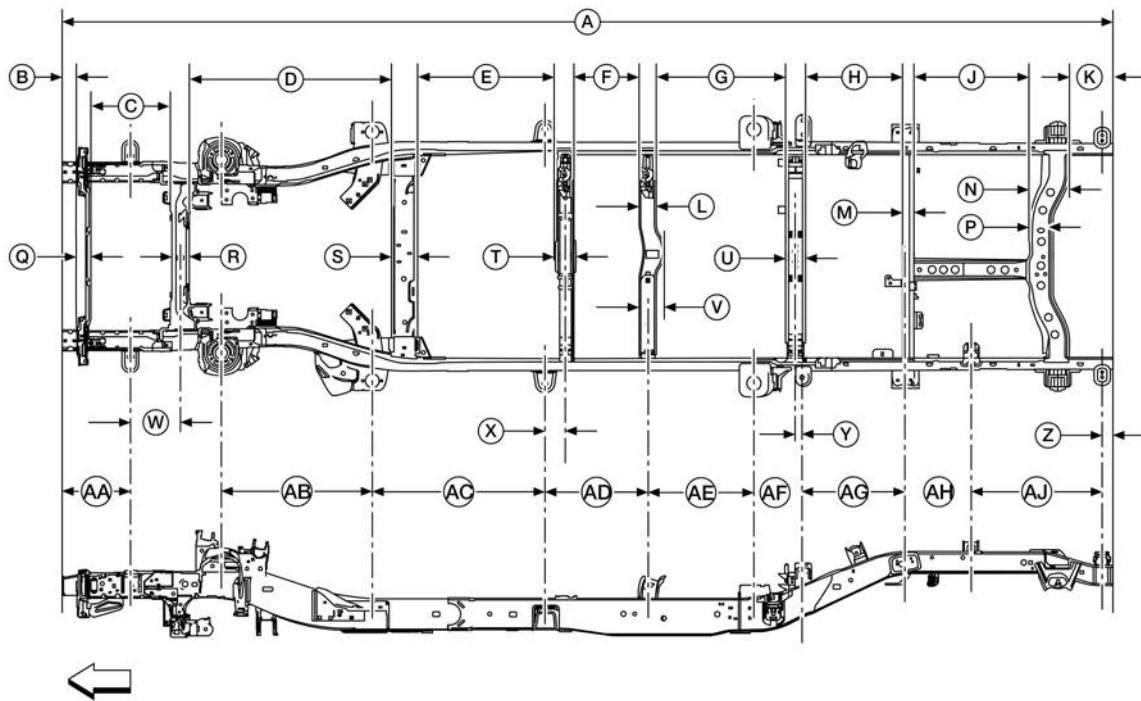
D. 496.9 mm (19.56 in)

E. 541.6 mm (21.32 in)

FRAME/BODY

Crossmember and Body Mount Dimensions (2017-2019 Model Years)

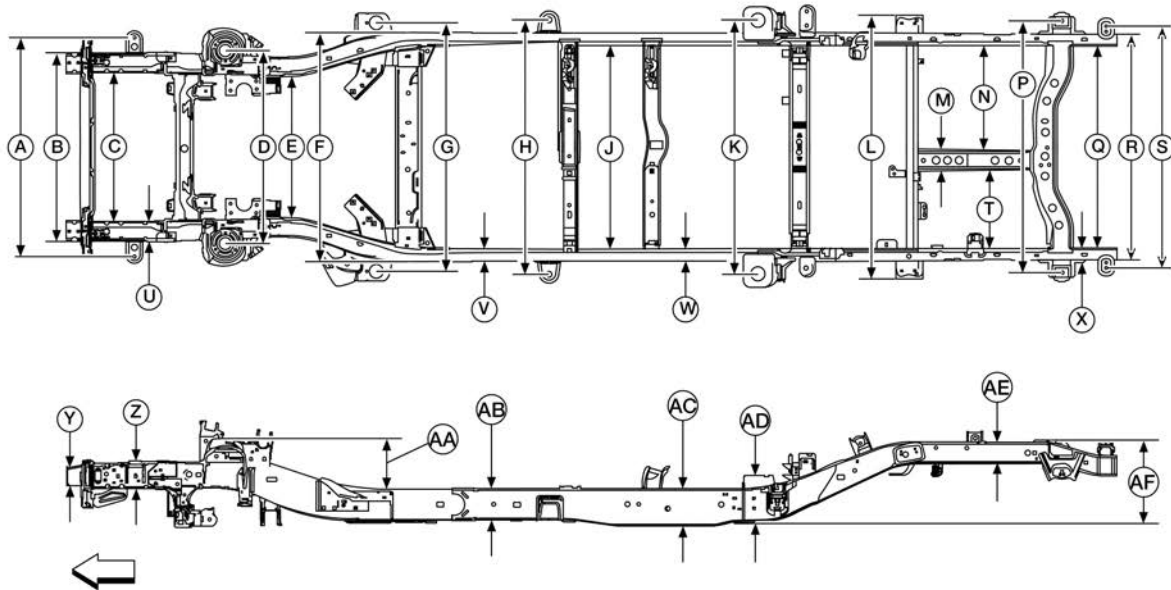
Crew Cab — 2WD



AAZIA0690ZZ

↖: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 712.0 mm (28.03 in)	F. 323.0 mm (12.72 in)
G. 656.5 mm (25.85 in)	H. 528.7 mm (20.81 in)	J. 620.3 mm (24.42 in)
K. 218.0 mm (8.58 in)	L. 97.0 mm (3.82 in)	M. 55.7 mm (2.19 in)
N. 213.5 mm (8.41 in)	P. 127.5 mm (5.02 in)	Q. 70.7 mm (2.78 in)
R. 85.3 mm (3.35 in)	S. 133.0 mm (5.24 in)	T. 107.0 mm (4.21 in)
U. 99.0 mm (3.90 in)	V. 135.0 mm (5.31 in)	W. 259.9 mm (10.23 in)
X. 105.0 mm (4.13 in)	Y. 40.0 mm (1.57 in)	Z. 52.5 mm (2.07 in)
AA. 353.2 mm (13.91 in)	AB. 742.5 mm (29.23 in)	AC. 892.0 mm (35.12 in)
AD. 530.0 mm (20.87 in)	AE. 547.0 mm (21.54 in)	AF. 253.0 mm (9.96 in)
AG. 543.7 mm (21.41 in)	AH. 323.3 mm (12.73 in)	AJ. 676.0 mm (26.61 in)

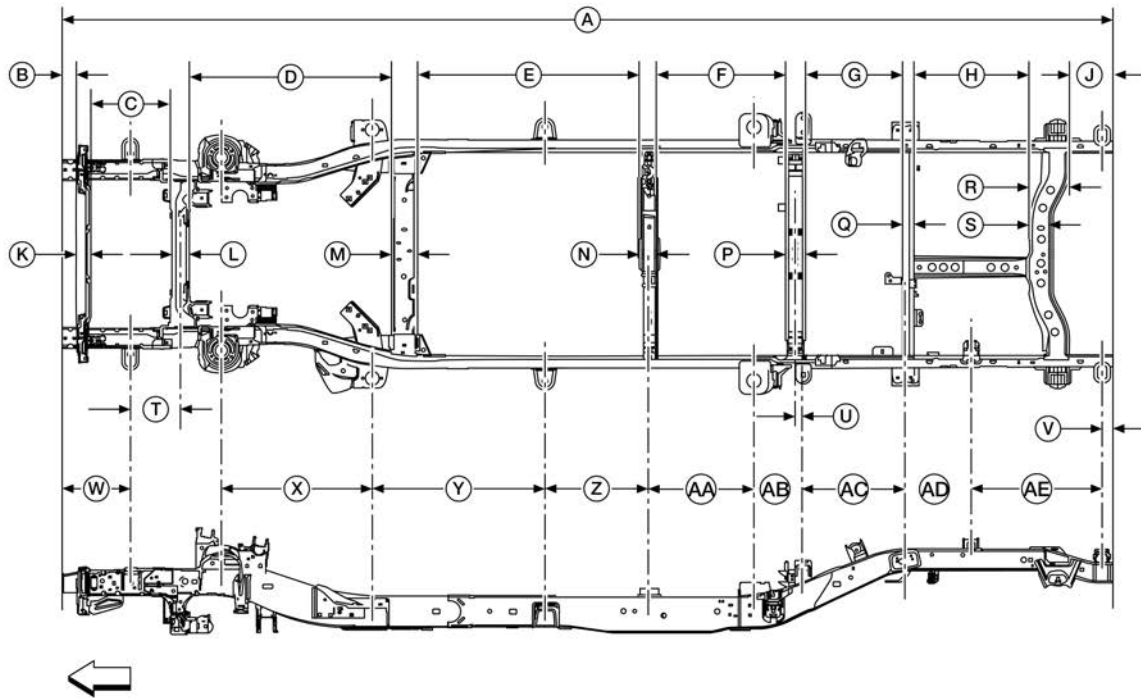


AAZIA0691ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,316.0 mm (51.81 in)	J. 1,059.0 mm (41.69 in)
K. 1,308.0 mm (51.50 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

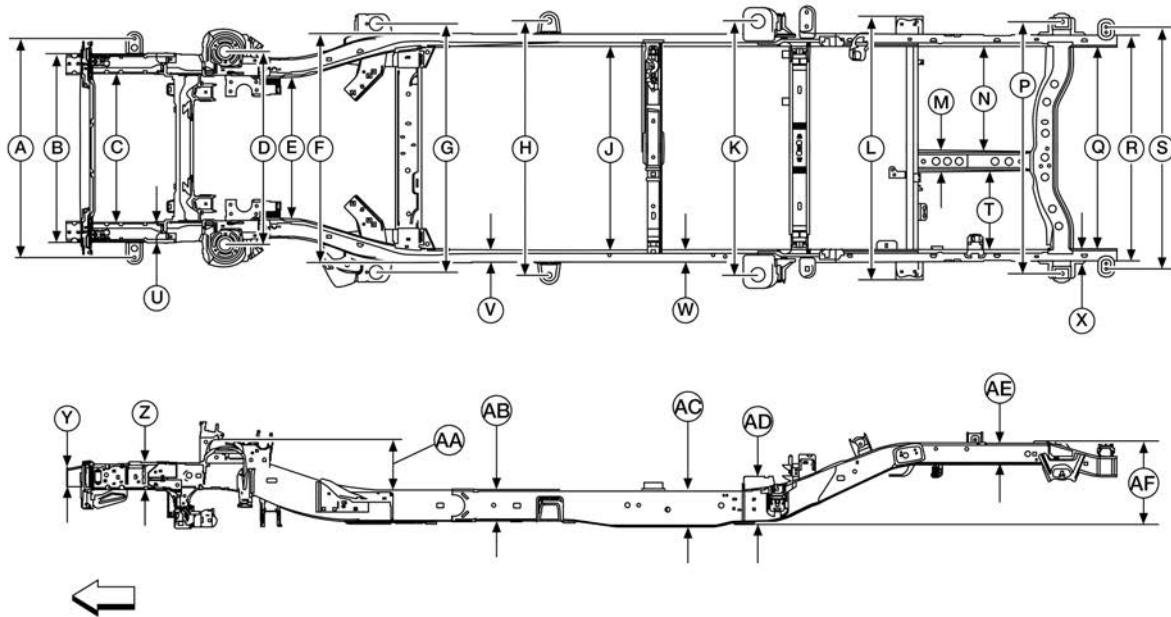
Crew Cab — 4WD



AAZIA0692ZZ

←: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 1,137.0 mm (44.76 in)	F. 657.0 mm (25.87 in)
G. 528.7 mm (20.81 in)	H. 620.3 mm (24.42 in)	J. 218.0 mm (8.58 in)
K. 70.7 mm (2.78 in)	L. 85.3 mm (3.36 in)	M. 133.0 mm (5.24 in)
N. 107.0 mm (4.21 in)	P. 99.0 mm (3.90 in)	Q. 55.7 mm (2.19 in)
R. 213.5 mm (8.41 in)	S. 127.5 mm (5.02 in)	T. 259.9 mm (10.23 in)
U. 40.0 mm (1.57 in)	V. 52.5 mm (2.07 in)	W. 353.2 mm (13.91 in)
X. 742.5 mm (29.23 in)	Y. 892.0 mm (35.12 in)	Z. 530.0 mm (20.87 in)
AA. 547.0 mm (21.54 in)	AB. 253.0 mm (9.96 in)	AC. 543.7 mm (21.41 in)
AD. 323.3 mm (12.73 in)	AE. 676.0 mm (26.61 in)	

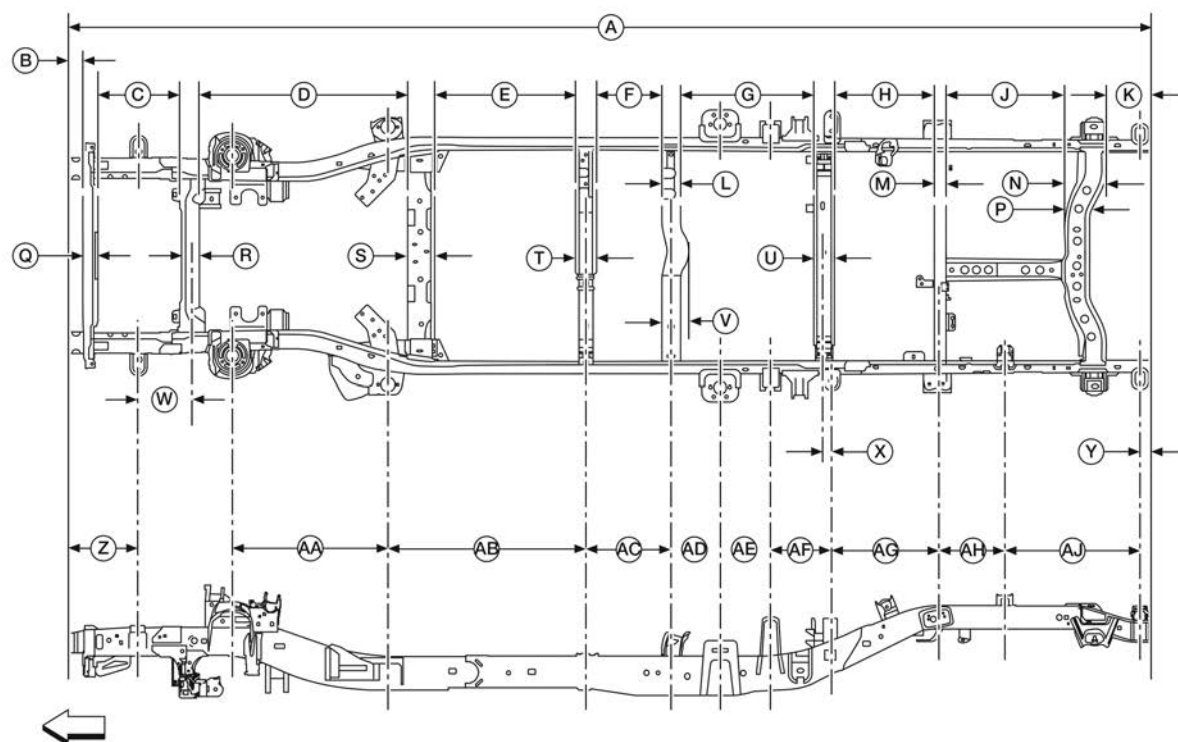


AAZIA0693ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,316.0 mm (51.81 in)	J. 1,059.0 mm (41.69 in)
K. 1,308.0 mm (51.50 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

King Cab® — 2WD



AAZIA0928ZZ

↔: Front of vehicle.

A. 5,418.7 mm (213.33 in)

D. 1,044.0 mm (41.10 in)

G. 656.5 mm (25.85 in)

K. 218.0 mm (8.58 in)

N. 213.5 mm (8.41 in)

R. 85.3 mm (3.35 in)

U. 99.0 mm (3.90 in)

X. 40.0 mm (1.57 in)

AA. 742.5 mm (29.23 in)

AD. 247.0 mm (9.72 in)

AG. 543.7 mm (21.41 in)

B. 80.0 mm (3.15 in)

E. 712.0 mm (28.03 in)

H. 528.7 mm (20.81 in)

L. 97.0 mm (3.82 in)

P. 127.5 mm (5.02 in)

S. 133.0 mm (5.24 in)

V. 135.0 mm (5.31 in)

Y. 52.5 mm (2.07 in)

AB. 997.0 mm (39.25 in)

AE. 253.0 mm (9.96 in)

AH. 323.3 mm (12.73 in)

C. 421.5 mm (16.59 in)

F. 323.0 mm (12.72 in)

J. 620.3 mm (24.42 in)

M. 55.7 mm (2.19 in)

Q. 70.7 mm (2.78 in)

T. 107.0 mm (4.21 in)

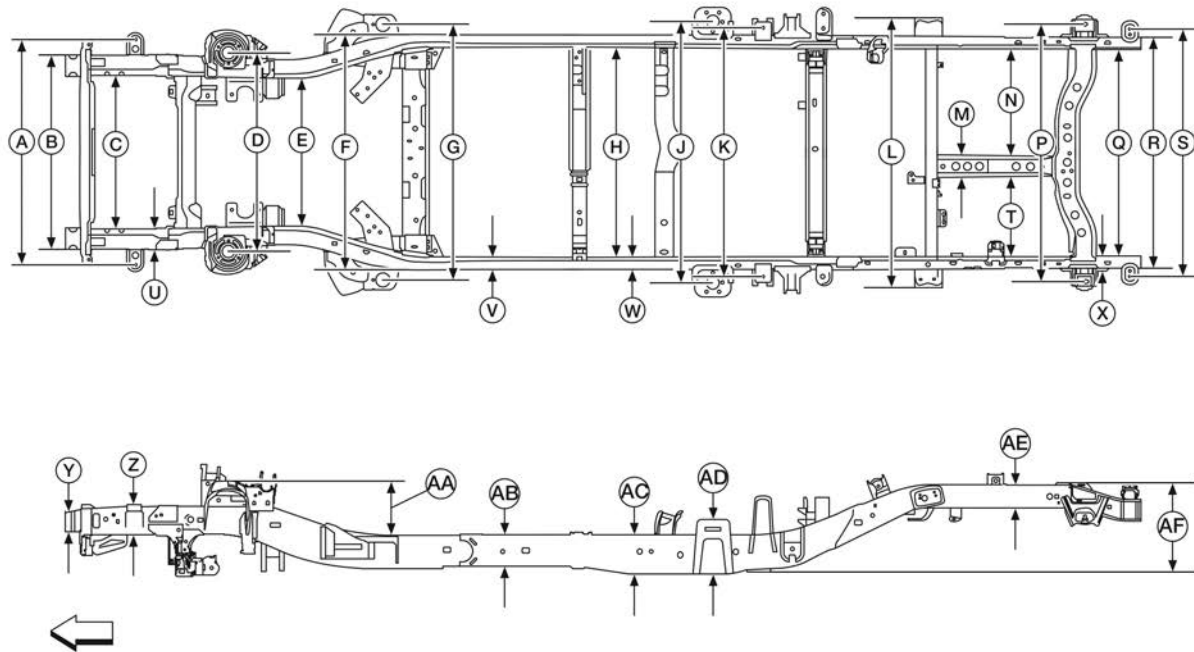
W. 259.9 mm (10.23 in)

Z. 353.2 mm (13.91 in)

AC. 425.0 mm (16.73 in)

AF. 300.0 mm (11.81 in)

AJ. 676.0 mm (26.61 in)

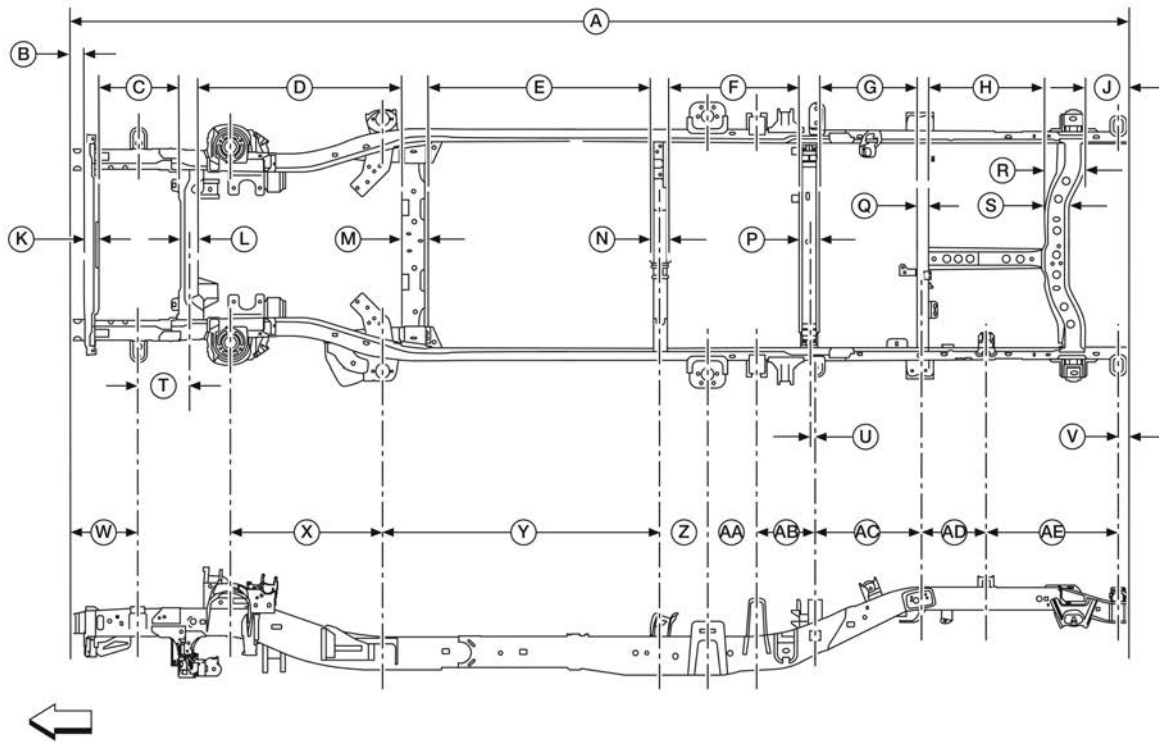


AAZIA0932ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,059.0 mm (41.69 in)	J. 1,308.0 mm (51.50 in)
K. 1,250.0 mm (49.21 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

King Cab® — 4WD



AAZIA0929ZZ

←: Front of vehicle.

A. 5,418.7 mm (213.33 in)

D. 1,044.0 mm (41.10 in)

G. 528.7 mm (20.81 in)

K. 70.7 mm (2.78 in)

N. 1070 mm (4.21 in)

R. 213.5 mm (8.41 in)

U. 40.0 mm (1.57 in)

X. 742.5 mm (29.23 in)

AA. 253.0 mm (9.96 in)

AD. 323.3 mm (12.73 in)

B. 80.0 mm (3.15 in)

E. 1,137.0 mm (44.76 in)

H. 620.3 mm (24.42 in)

L. 85.3 mm (3.36 in)

P. 99.0 mm (3.90 in)

S. 127.5 mm (5.02 in)

V. 52.5 mm (2.07 in)

Y. 1,422.0 mm (55.98 in)

AB. 300.0 mm (11.81 in)

AE. 676.0 mm (26.61 in)

C. 421.5 mm (16.59 in)

F. 657.0 mm (25.87 in)

J. 218.0 mm (8.58 in)

M. 133.0 mm (5.24 in)

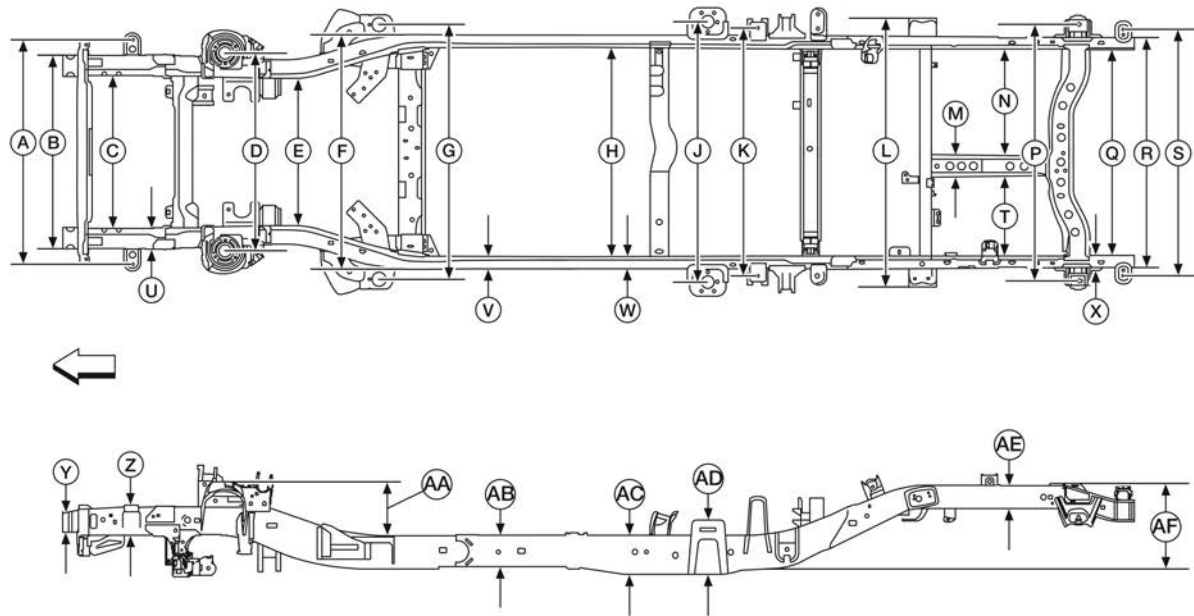
Q. 55.7 mm (2.19 in)

T. 259.9 mm (10.23 in)

W. 353.2 mm (13.91 in)

Z. 247.0 mm (9.72 in)

AC. 543.7 mm (21.41 in)

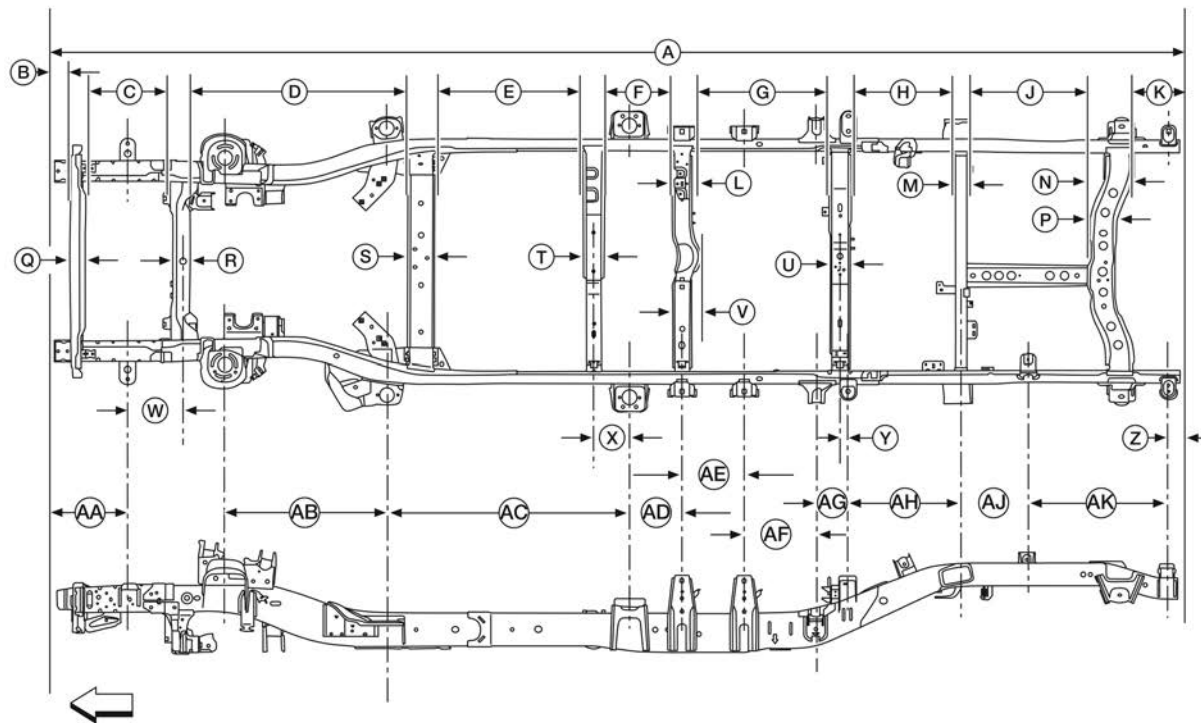


AAZIA0933ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,059.0 mm (41.69 in)	J. 1,308.0 mm (51.50 in)
K. 1,250.0 mm (49.21 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

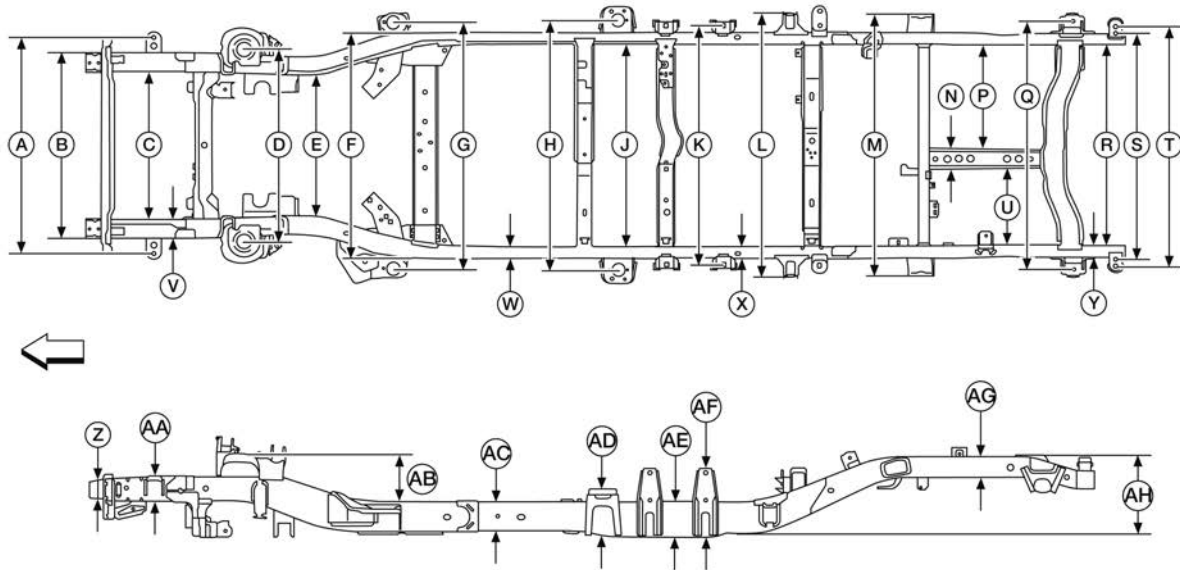
Single Cab — 2WD



AAZIA0792ZZ

↩: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 712.0 mm (28.03 in)	F. 323.0 mm (12.72 in)
G. 656.5 mm (25.85 in)	H. 528.7 mm (20.81 in)	J. 620.3 mm (24.42 in)
K. 218.0 mm (8.58 in)	L. 97.0 mm (3.82 in)	M. 55.7 mm (2.19 in)
N. 213.5 mm (8.41 in)	P. 127.5 mm (5.02 in)	Q. 70.7 mm (2.78 in)
R. 85.3 mm (3.35 in)	S. 133.0 mm (5.24 in)	T. 107.0 mm (4.21 in)
U. 99.0 mm (3.90 in)	V. 135.0 mm (5.31 in)	W. 259.9 mm (10.23 in)
X. 169.1 mm (6.66 in)	Y. 40.0 mm (1.57 in)	Z. 52.5 mm (2.07 in)
AA. 353.2 mm (13.91 in)	AB. 742.5 mm (29.23 in)	AC. 1,174.3 mm (46.23 in)
AD. 278.4 mm (10.96 in)	AE. 300.08 mm (11.81 in)	AF. 383.9 mm (15.11 in)
AG. 223.6 mm (8.80 in)	AH. 543.7 mm (21.41 in)	AJ. 323.3 mm (12.73 in)
AK. 676.0 mm (26.61 in)		

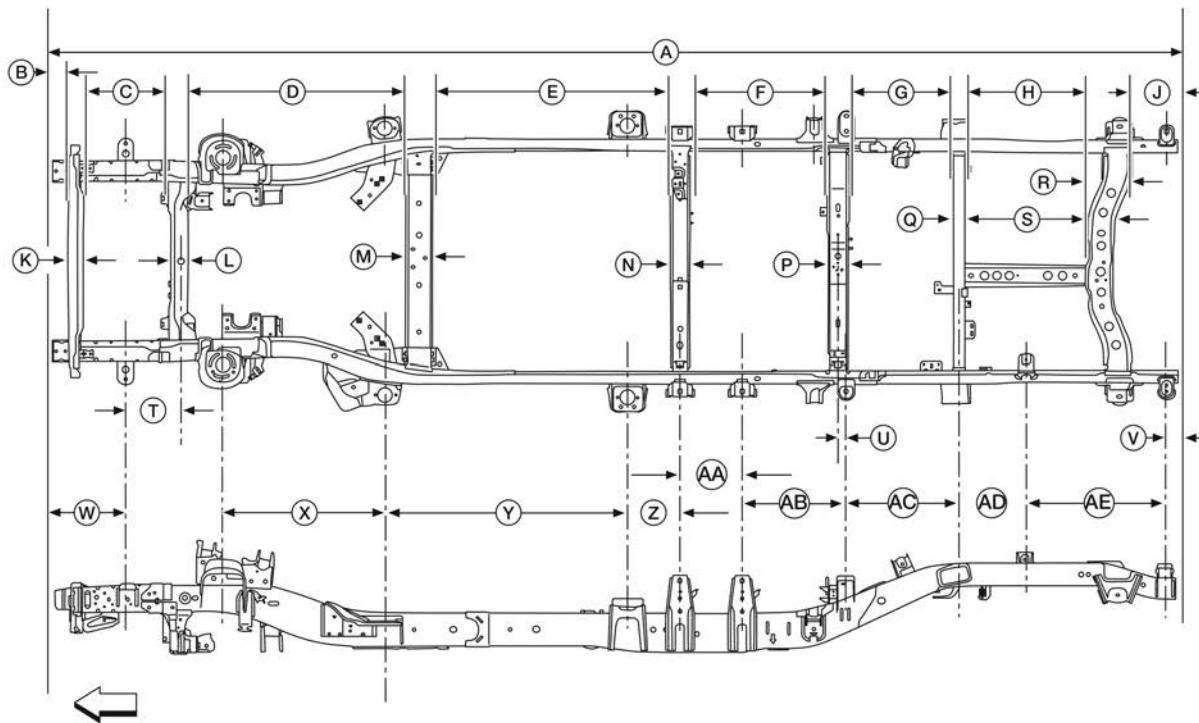


AAZIA0793ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,306.8 mm (51.45 in)	J. 1,059.0 mm (41.69 in)
K. 1,248.7 mm (49.16 in)	L. 1,374.8 mm (54.13 in)	M. 1,364.0 mm (53.70 in)
N. 114.9 mm (4.52 in)	P. 534.1 mm (21.03 in)	Q. 1,297.9 mm (51.10 in)
R. 1,043.0 mm (44.11 in)	S. 1,220.0 mm (48.03 in)	T. 1,244.5 mm (49.00 in)
U. 394.1 mm (15.52 in)	V. 98.0 mm (3.86 in)	W. 64.3 mm (2.53 in)
X. 59.8 mm (2.35 in)	Y. 62.1 mm (2.44 in)	Z. 98.9 mm (3.89 in)
AA. 136.8 mm (5.39 in)	AB. 249.0 mm (9.80 in)	AC. 161.3 mm (6.35 in)
AD. 251.2 mm (9.89 in)	AE. 190.3 mm (7.49 in)	AF. 369.4 mm (14.54 in)
AG. 110.0 mm (4.33 in)	AH. 411.6 mm (16.20 in)	

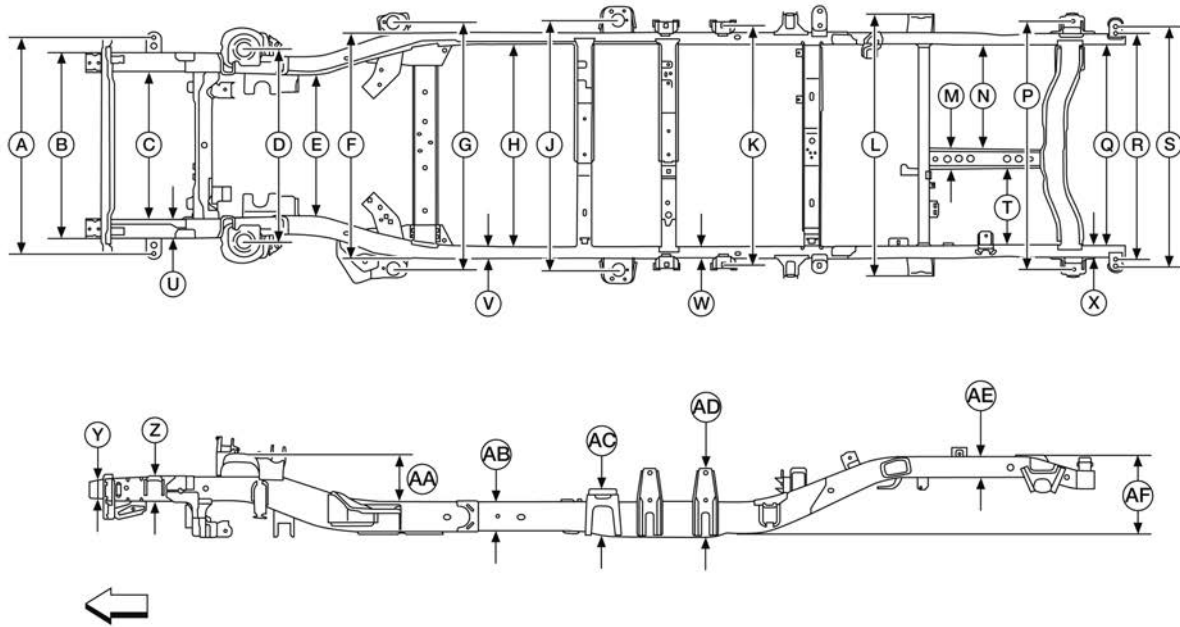
Single Cab — 4WD



AAZIA0794ZZ

←: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 1,137.0 mm (44.76 in)	F. 657.0 mm (25.87 in)
G. 528.7 mm (20.81 in)	H. 620.3 mm (24.42 in)	J. 218.0 mm (8.58 in)
K. 70.7 mm (2.78 in)	L. 85.3 mm (3.36 in)	M. 133.0 mm (5.24 in)
N. 107.0 mm (4.21 in)	P. 99.0 mm (3.90 in)	Q. 55.7 mm (2.19 in)
R. 213.5 mm (8.41 in)	S. 127.5 mm (5.02 in)	T. 259.9 mm (10.23 in)
U. 40.0 mm (1.57 in)	V. 52.5 mm (2.07 in)	W. 353.2 mm (13.91 in)
X. 742.5 mm (29.23 in)	Y. 1,174.3 mm (46.23 in)	Z. 278.4 mm (10.96 in)
AA. 300.1 mm (11.81 in)	AB. 499.94 mm (19.68 in)	AC. 543.7 mm (21.41 in)
AD. 323.3 mm (12.73 in)	AE. 676.0 mm (26.61 in)	



AAZIA0795ZZ

←: Front of vehicle.

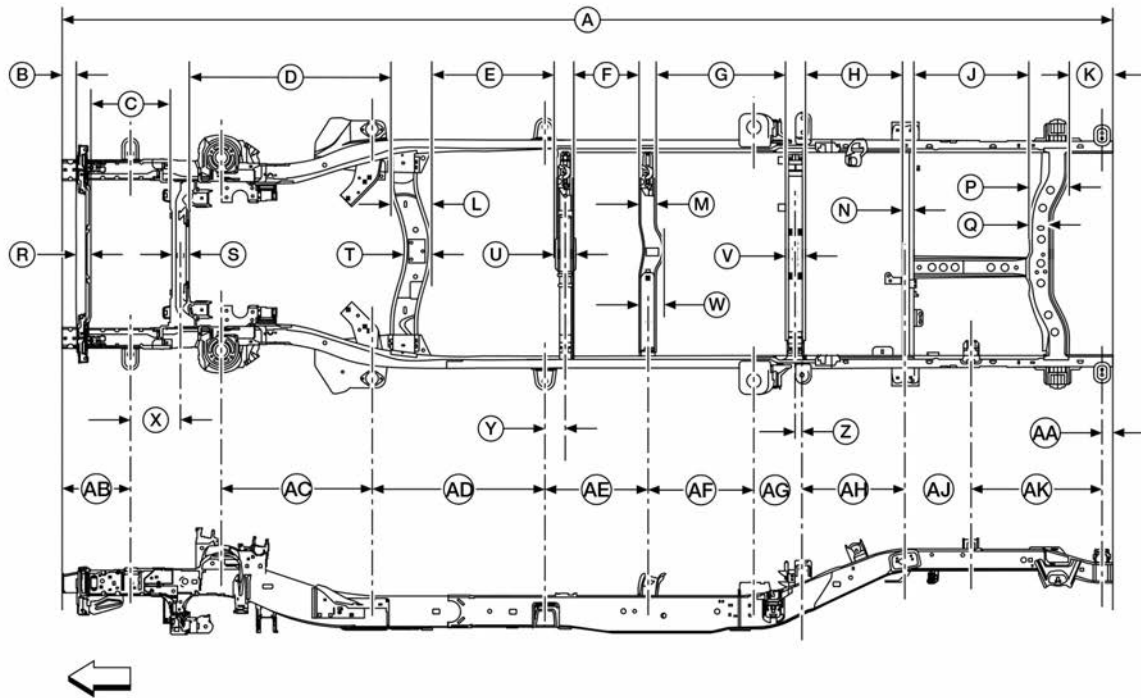
A. 1,130.0 mm (44.49 in)
 D. 996.7 mm (39.24 in)
 G. 1,282.0 mm (50.47 in)
 K. 1,248.7 mm (49.16 in)
 N. 534.1 mm (21.03 in)
 R. 1,220.0 mm (48.03 in)
 U. 98.0 mm (3.86 in)
 X. 62.1 mm (2.44 in)
 AA. 249.0 mm (9.80 in)
 AD. 369.4 mm (14.54 in)

B. 973.0 mm (38.31 in)
 E. 737.0 mm (29.02 in)
 H. 1,059.0 mm (41.69 in)
 L. 1,364.0 mm (53.70 in)
 P. 1,297.9 mm (51.10 in)
 S. 1,244.5 mm (49.00 in)
 V. 64.3 mm (2.53 in)
 Y. 98.9 mm (3.89 in)
 AB. 161.3 mm (6.35 in)
 AE. 110.0 mm (4.33 in)

C. 770.0 mm (30.31 in)
 F. 1,178.6 mm (46.40 in)
 J. 1,308.0 mm (51.50 in)
 M. 114.9 mm (4.52 in)
 Q. 1,043.0 mm (44.11 in)
 T. 394.1 mm (15.52 in)
 W. 59.8 mm (2.35 in)
 Z. 136.8 mm (5.39 in)
 AC. 251.2 mm (9.89 in)
 AF. 411.6 mm (16.20 in)

Crossmember and Body Mount Dimensions (Starting 2020 model year)

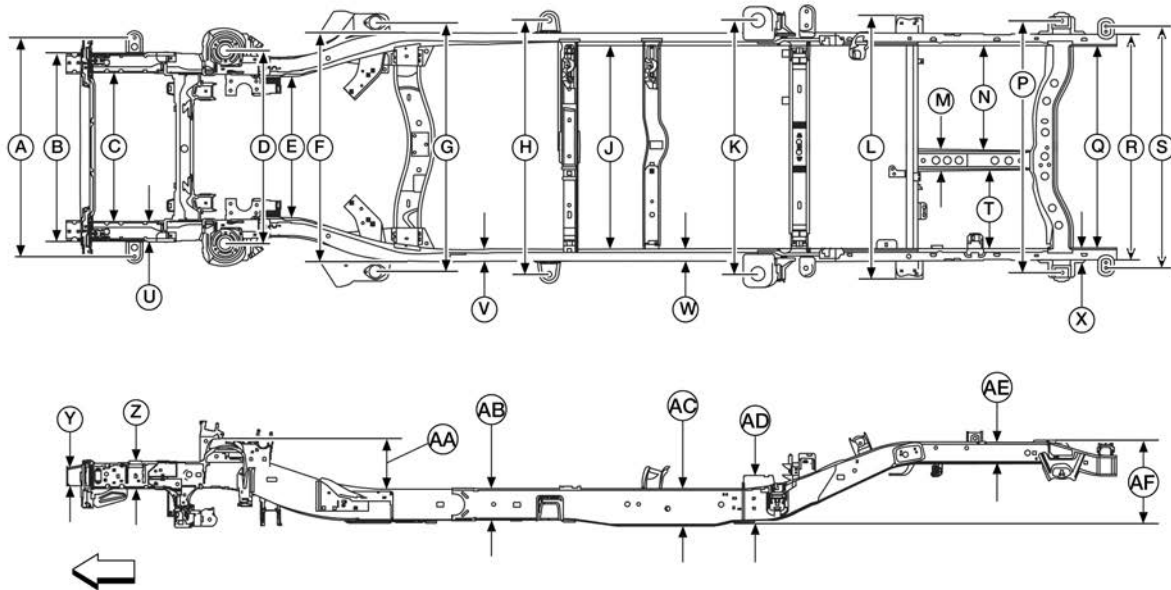
Crew Cab — 2WD



TGAAZIA0095ZZ

←: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 649.92 mm (25.59 in)	F. 323.0 mm (12.72 in)
G. 656.5 mm (25.85 in)	H. 528.7 mm (20.81 in)	J. 620.3 mm (24.42 in)
K. 218.0 mm (8.58 in)	L. 198.82 mm (7.83 in)	M. 97.0 mm (3.82 in)
N. 55.7 mm (2.19 in)	P. 213.5 mm (8.41 in)	Q. 127.5 mm (5.02 in)
R. 70.7 mm (2.78 in)	S. 85.3 mm (3.35 in)	T. 135.41 mm (5.33 in)
U. 107.0 mm (4.21 in)	V. 99.0 mm (3.90 in)	W. 135.0 mm (5.31 in)
X. 259.9 mm (10.23 in)	Y. 105.0 mm (4.13 in)	Z. 40.0 mm (1.57 in)
AA. 52.5 mm (2.07 in)	AB. 353.2 mm (13.91 in)	AC. 742.5 mm (29.23 in)
AD. 892.0 mm (35.12 in)	AE. 530.0 mm (20.87 in)	AF. 547.0 mm (21.54 in)
AG. 253.0 mm (9.96 in)	AH. 543.7 mm (21.41 in)	AJ. 323.3 mm (12.73 in)
AK. 676.0 mm (26.61 in)		

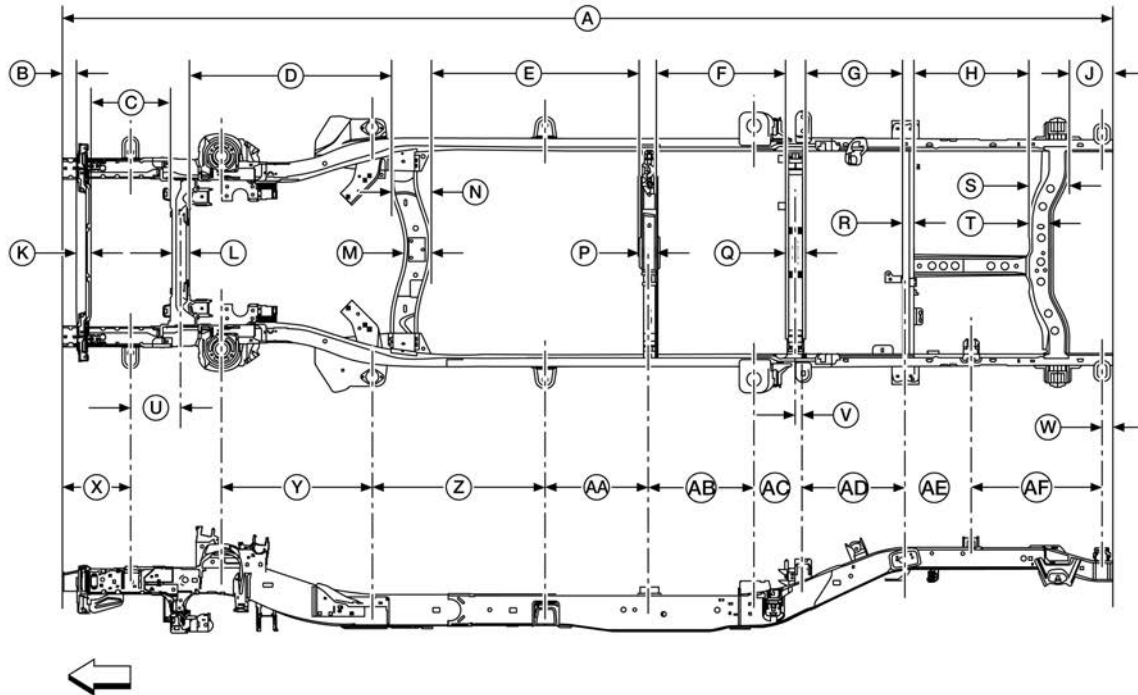


TGAZIA0132ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,316.0 mm (51.81 in)	J. 1,059.0 mm (41.69 in)
K. 1,308.0 mm (51.50 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

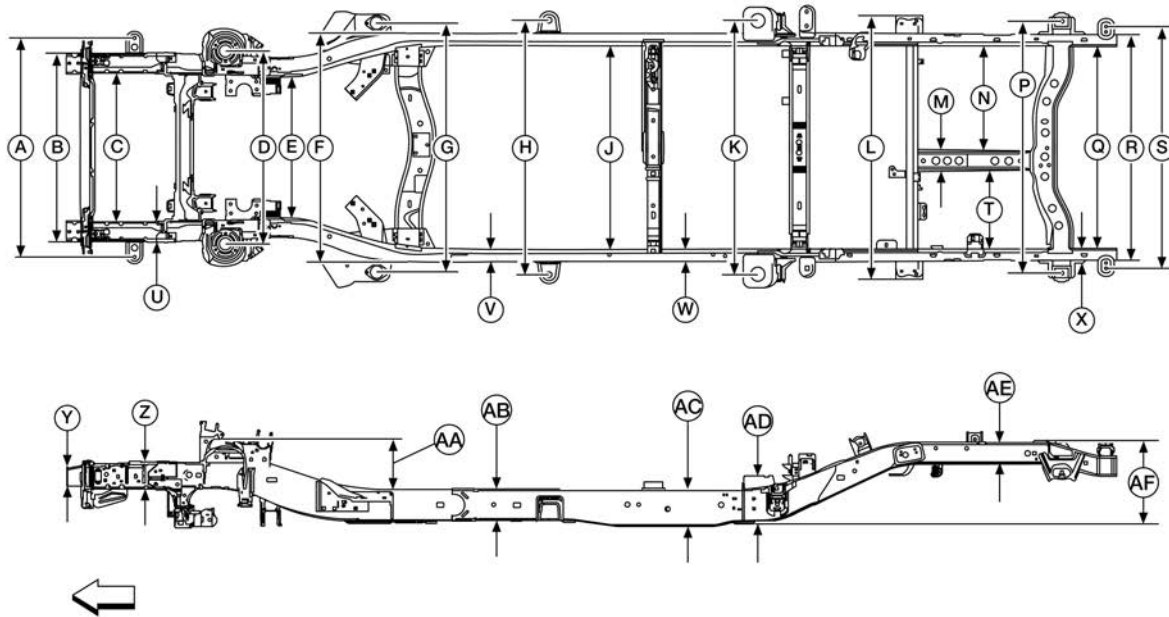
Crew Cab — 4WD



TGAZIA0133ZZ

←: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 1,103.39 mm (43.44 in)	F. 657.0 mm (25.87 in)
G. 528.7 mm (20.81 in)	H. 620.3 mm (24.42 in)	J. 218.0 mm (8.58 in)
K. 70.7 mm (2.78 in)	L. 85.3 mm (3.36 in)	M. 135.41 mm (5.33 in)
N. 198.82 mm (7.83 in)	P. 107.0 mm (4.21 in)	Q. 99.0 mm (3.90 in)
R. 55.7 mm (2.19 in)	S. 213.5 mm (8.41 in)	T. 127.5 mm (5.02 in)
U. 259.9 mm (10.23 in)	V. 40.0 mm (1.57 in)	W. 52.5 mm (2.07 in)
X. 353.2 mm (13.91 in)	Y. 742.5 mm (29.23 in)	Z. 892.0 mm (35.12 in)
AA. 530.0 mm (20.87 in)	AB. 547.0 mm (21.54 in)	AC. 253.0 mm (9.96 in)
AD. 543.7 mm (21.41 in)	AE. 323.3 mm (12.73 in)	AF. 676.0 mm (26.61 in)

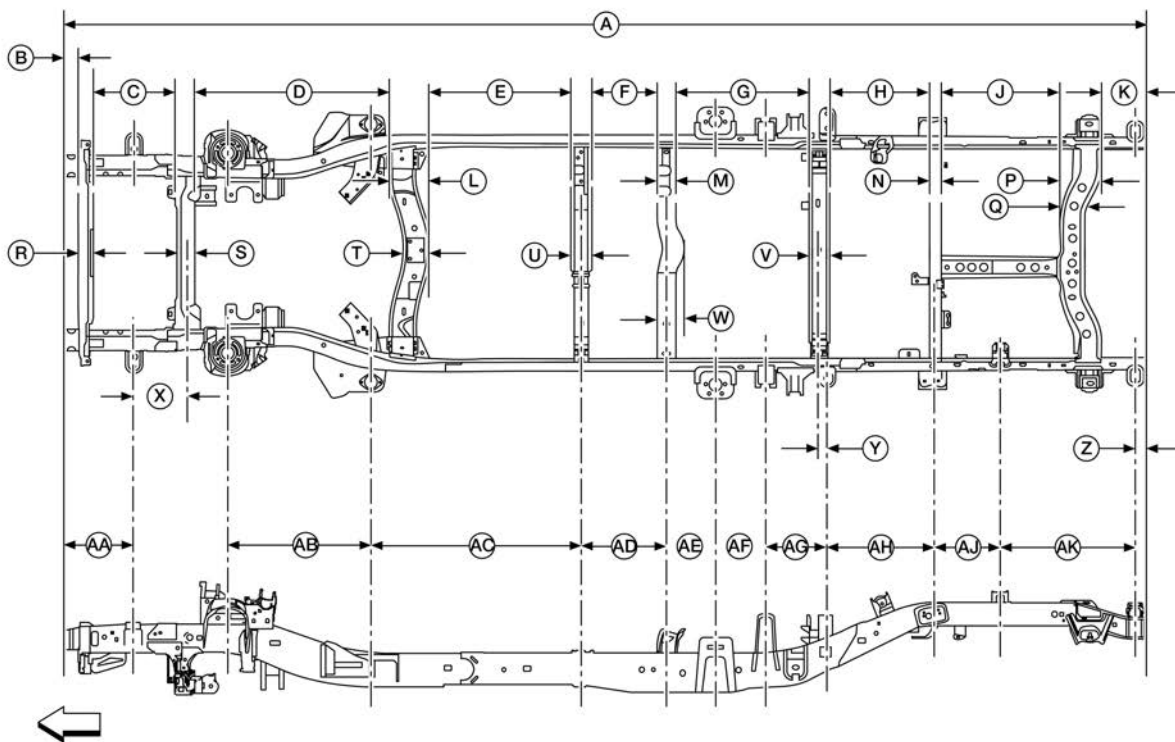


TGAZIA0134ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,316.0 mm (51.81 in)	J. 1,059.0 mm (41.69 in)
K. 1,308.0 mm (51.50 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

King Cab® — 2WD



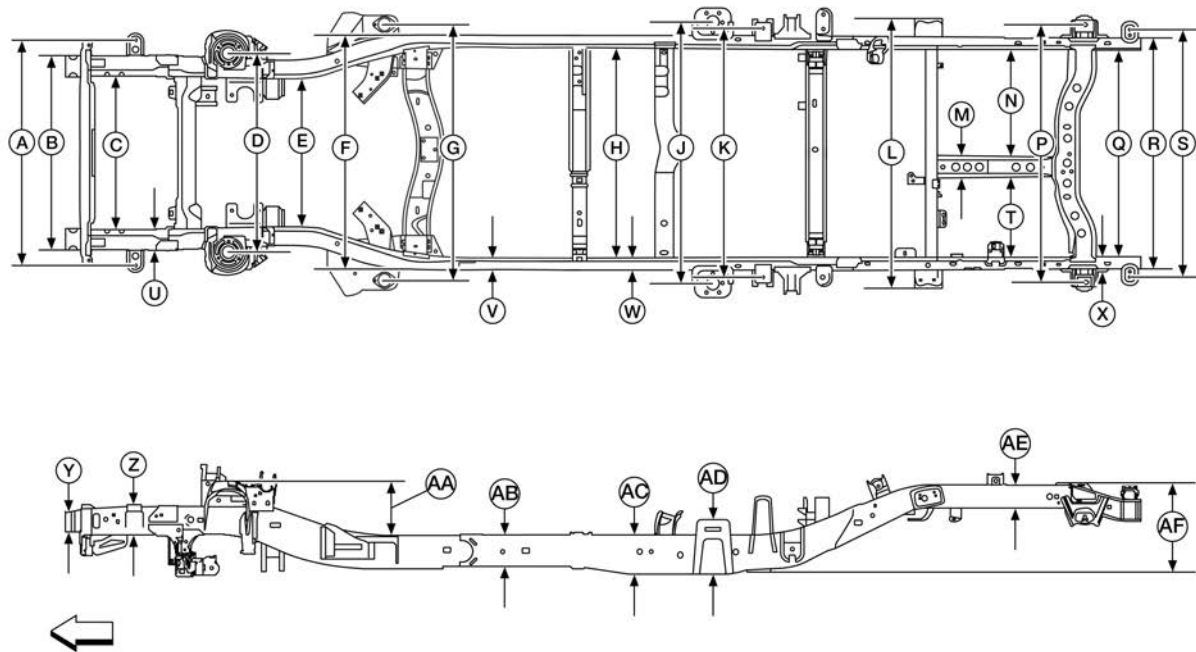
TGAZIA0126ZZ

↔: Front of vehicle.

A. 5,418.7 mm (213.33 in)
D. 1,044.0 mm (41.10 in)
G. 656.5 mm (25.85 in)
K. 218.0 mm (8.58 in)
N. 55.7 mm (2.19 in)
R. 70.7 mm (2.78 in)
U. 107.0 mm (4.21 in)
X. 259.9 mm (10.23 in)
AA. 353.2 mm (13.91 in)
AD. 425.0 mm (16.73 in)
AG. 300.0 mm (11.81 in)
AK. 676.0 mm (26.61 in)

B. 80.0 mm (3.15 in)
E. 657.79 mm (25.90 in)
H. 528.7 mm (20.81 in)
L. 198.82 mm (7.83 in)
P. 213.5 mm (8.41 in)
S. 85.3 mm (3.35 in)
V. 99.0 mm (3.90 in)
Y. 40.0 mm (1.57 in)
AB. 742.5 mm (29.23 in)
AE. 247.0 mm (9.72 in)
AH. 543.7 mm (21.41 in)

C. 421.5 mm (16.59 in)
F. 323.0 mm (12.72 in)
J. 620.3 mm (24.42 in)
M. 97.0 mm (3.82 in)
Q. 127.5 mm (5.02 in)
T. 135.41 mm (5.33 in)
W. 135.0 mm (5.31 in)
Z. 52.5 mm (2.07 in)
AC. 997.0 mm (39.25 in)
AF. 253.0 mm (9.96 in)
AJ. 323.3 mm (12.73 in)

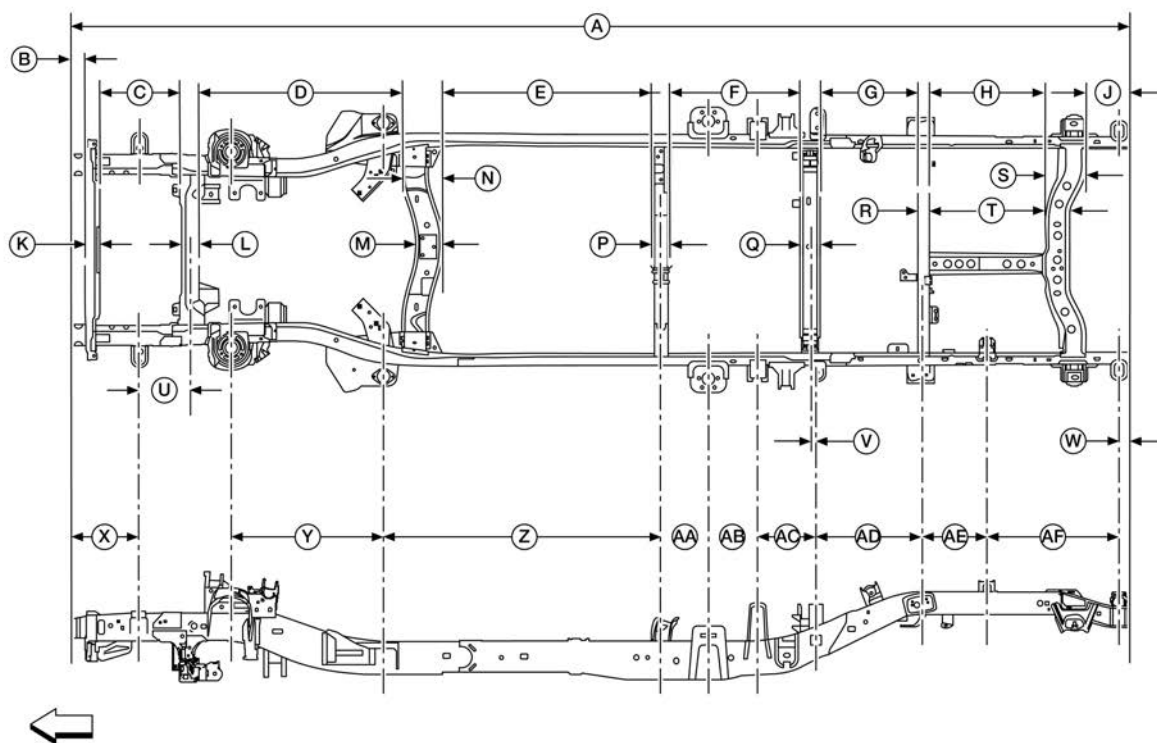


TGAZIA0127ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,059.0 mm (41.69 in)	J. 1,308.0 mm (51.50 in)
K. 1,250.0 mm (49.21 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

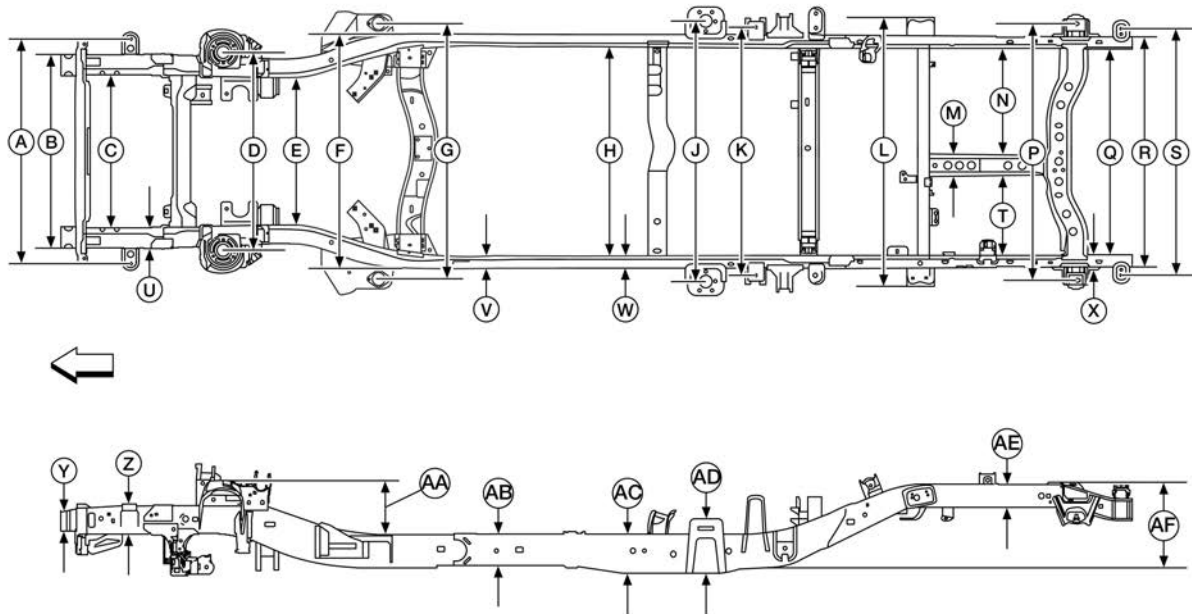
King Cab® — 4WD



TGAAZIA0128ZZ

←: Front of vehicle.

A. 5,418.7 mm (213.33 in)	B. 80.0 mm (3.15 in)	C. 421.5 mm (16.59 in)
D. 1,044.0 mm (41.10 in)	E. 1,093.91 mm (43.07 in)	F. 657.0 mm (25.87 in)
G. 528.7 mm (20.81 in)	H. 620.3 mm (24.42 in)	J. 218.0 mm (8.58 in)
K. 70.7 mm (2.78 in)	L. 85.3 mm (3.36 in)	M. 135.41 mm (5.33 in)
N. 198.82 mm (7.83 in)	P. 107.0 mm (4.21 in)	Q. 99.0 mm (3.90 in)
R. 55.7 mm (2.19 in)	S. 213.5 mm (8.41 in)	T. 127.5 mm (5.02 in)
U. 259.9 mm (10.23 in)	V. 40.0 mm (1.57 in)	W. 52.5 mm (2.07 in)
X. 353.2 mm (13.91 in)	Y. 742.5 mm (29.23 in)	Z. 1,422.0 mm (55.98 in)
AA. 247.0 mm (9.72 in)	AB. 253.0 mm (9.96 in)	AC. 300.0 mm (11.81 in)
AD. 543.7 mm (21.41 in)	AE. 323.3 mm (12.73 in)	AF. 676.0 mm (26.61 in)



TGAZIA0129ZZ

←: Front of vehicle.

A. 1,130.0 mm (44.49 in)	B. 973.0 mm (38.31 in)	C. 770.0 mm (30.31 in)
D. 996.7 mm (39.24 in)	E. 737.0 mm (29.02 in)	F. 1,178.6 mm (46.40 in)
G. 1,282.0 mm (50.47 in)	H. 1,059.0 mm (41.69 in)	J. 1,308.0 mm (51.50 in)
K. 1,250.0 mm (49.21 in)	L. 1,364.0 mm (53.70 in)	M. 114.9 mm (4.52 in)
N. 534.1 mm (21.03 in)	P. 1,297.9 mm (51.10 in)	Q. 1,043.0 mm (44.11 in)
R. 1,220.0 mm (48.03 in)	S. 1,244.5 mm (49.00 in)	T. 394.1 mm (15.52 in)
U. 98.0 mm (3.86 in)	V. 64.3 mm (2.53 in)	W. 59.8 mm (2.35 in)
X. 62.1 mm (2.44 in)	Y. 98.9 mm (3.89 in)	Z. 136.8 mm (5.39 in)
AA. 249.0 mm (9.80 in)	AB. 161.3 mm (6.35 in)	AC. 190.3 mm (7.49 in)
AD. 239.9 mm (9.44 in)	AE. 110.0 mm (4.33 in)	AF. 411.6 mm (16.20 in)

ELECTRICAL

SELF-TEST MODE

This vehicle is capable of performing a function test of various systems on the vehicle.

To enter the Self-Test Mode

1. Close the hood and front door RH, and lift the wiper arms from the windshield (to prevent windshield damage due to wiper operation).

NOTE:

When this test mode is performed with hood opened, sprinkle water on windshield beforehand.

2. Ignition switch OFF.
3. Push the door switch at least 20 times within 20 seconds
4. Cycle the ignition switch ON→OFF→ON within 10 seconds.

When the vehicle in this Self-Test Mode the following devices on the vehicle will momentarily operate in the order shown to verify that the systems are functioning correctly.

- Horn
- Rear defogger
- Front wipers (HI, LO)
- Front fog lamps (if equipped)
- Tail, license, and parking lamps
- Headlamps (HI, LO)
- Air conditioner compressor (magnetic clutch)
- Engine cooling fan
- Oil pressure switch and lamp
- Alternator charge terminal and lamp
- Starter motor

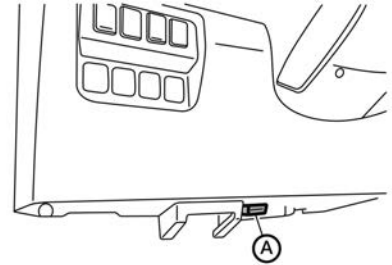
After the self-test has been completed (3 on/off cycles) the vehicle will be returned to normal operating mode.

NOTE:

Ignition switch OFF during the test will terminate the test early.

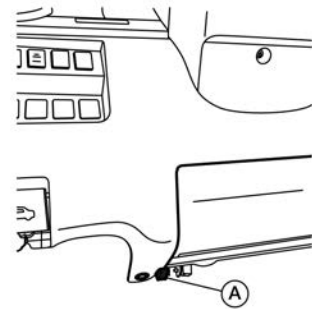
DATA LINK CONNECTOR LOCATION (FOR DIAGNOSTIC SCAN TOOL)**Consult Checking System**

Vehicle model years 2017-2019 are equipped with a data link connector (A) located underneath the lower left side of the instrument panel below the steering column.



TGAAZIA0002ZZ

Starting with 2020 model year, vehicles are equipped with a data link connector (A) located underneath the lower left side of the instrument panel below the driver knee airbag.



TGAAZIA0096ZZ

The vehicle is diagnosed using the CONSULT-III plus.

- When CONSULT is connected with a data link connector equipped on the vehicle side, it will communicate with the control unit equipped in the vehicle and then enable various kinds of diagnostic tests.
- Refer to CONSULT-III plus Operation Manual for more information.

SHIPPING (EXTENDED STORAGE) MODE CONTROL SYSTEMS

Determining Shipping (Extended Storage) Mode Status

1. Ignition switch ON.
2. Check that extended storage warning message is not displayed in the combination meter or display after 20 seconds.

If the extended storage warning message is displayed in the combination meter or display refer to [Canceling Extended Storage \(pg. 390\)](#)

SHIPPING MODE (EXTENDED) STORAGE SYSTEM CANCEL

Canceling Extended Storage

1. Ignition switch OFF.
2. Press in (turn off) the extended storage switch. Refer to [Extended Storage Switch \(pg. 390\)](#)

NOTE:

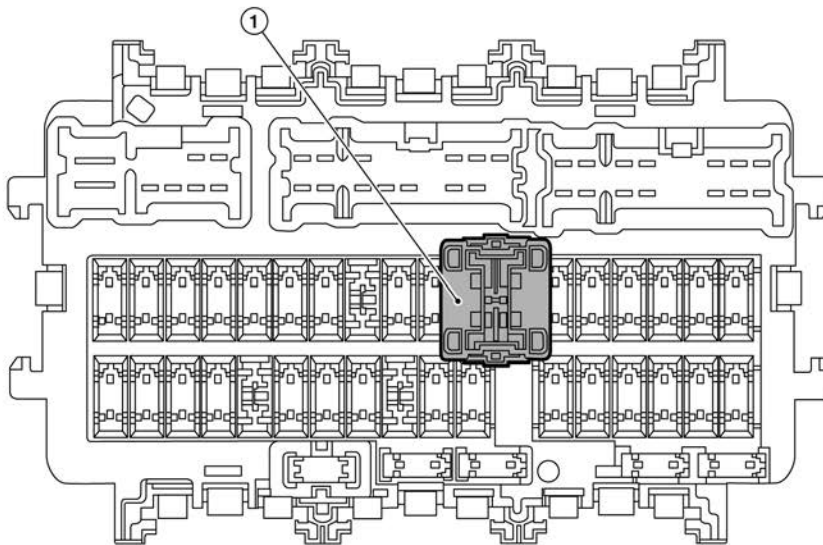
Pressing in the switch moves the mode from shipping to normal.

3. Ignition switch ON and wait at least 10 seconds.
4. Ignition switch OFF and wait at least 2 seconds.
5. Ignition switch ON.
6. Check that extended storage warning message is not displayed in the combination meter or display after 20 seconds.

Extended Storage Switch

The following switch is mounted on the fuse block (Junction Box) for transportation and storage.

The fuse block (Junction Box) is located in the glove box, refer to [Fuses and Relays – Interior \(pg. 408\)](#)



AAZIA0487ZZ

1. Extended storage switch

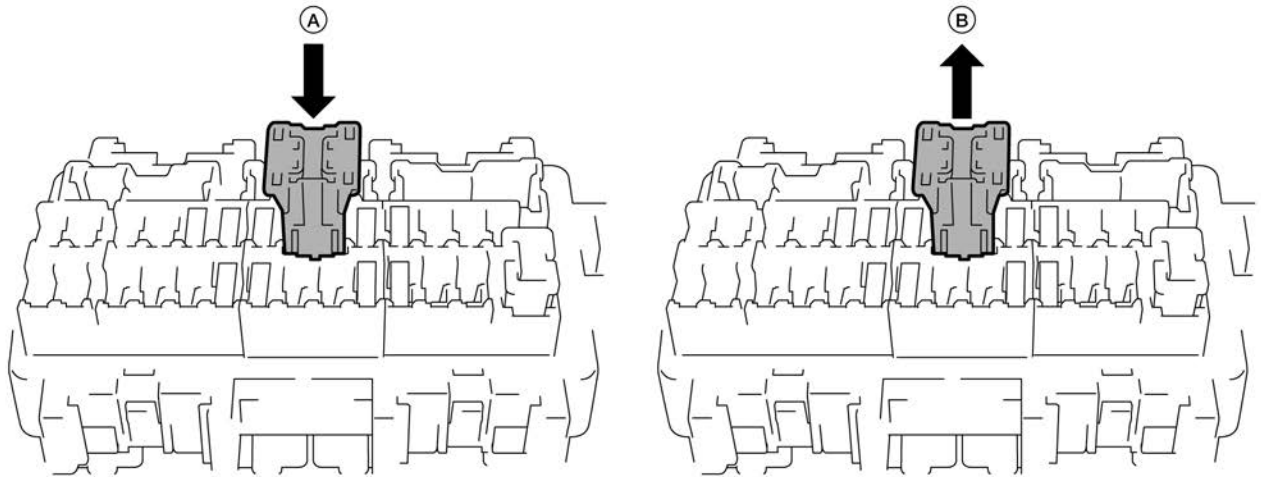
Remove the extended storage switch if it causes interference when checking fuses, refer to [How to remove the Extended Storage Switch \(pg. 392\)](#).

How to turn the Extended Storage Switch ON/OFF



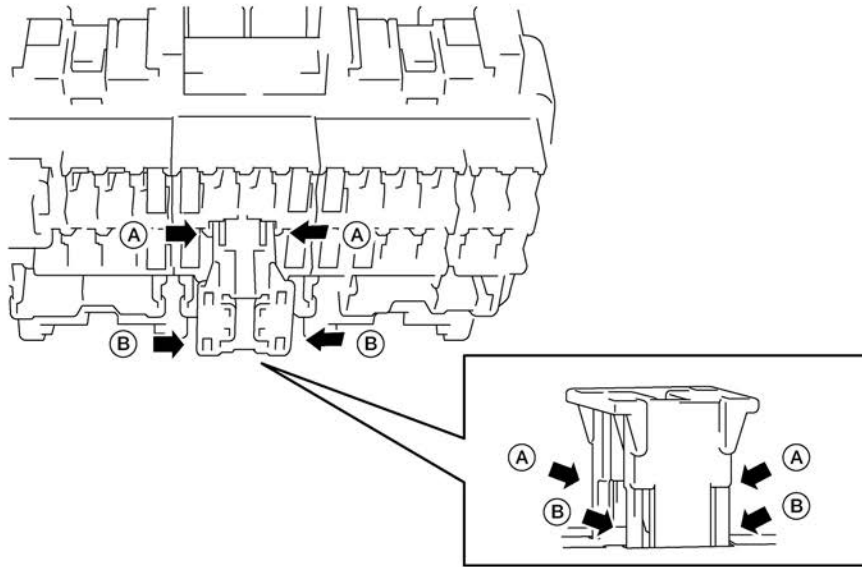
CAUTION:

- Ignition switch OFF when operating the extended storage switch.
- Under normal conditions, keep the extended storage switch in OFF state. Never operate the extended storage switch except when necessary.



AAZIA048ZZ

- To turn the extended storage switch ON, pull it up in direction B as shown in the figure.
- To turn the extended storage switch OFF, press it in direction A as shown in the figure.

How to remove the Extended Storage Switch

AAZIA0542ZZ

1. Ignition switch OFF.
2. Turn the extended storage switch ON.
3. Pinch tabs A and tilt to disengage the extended storage switch. Pinch tabs B to remove the extended storage switch.

**CAUTION:**

For bus bar type extended storage switch, never replace bus bar with a fuse, or fuse may continually open.

NOTE:

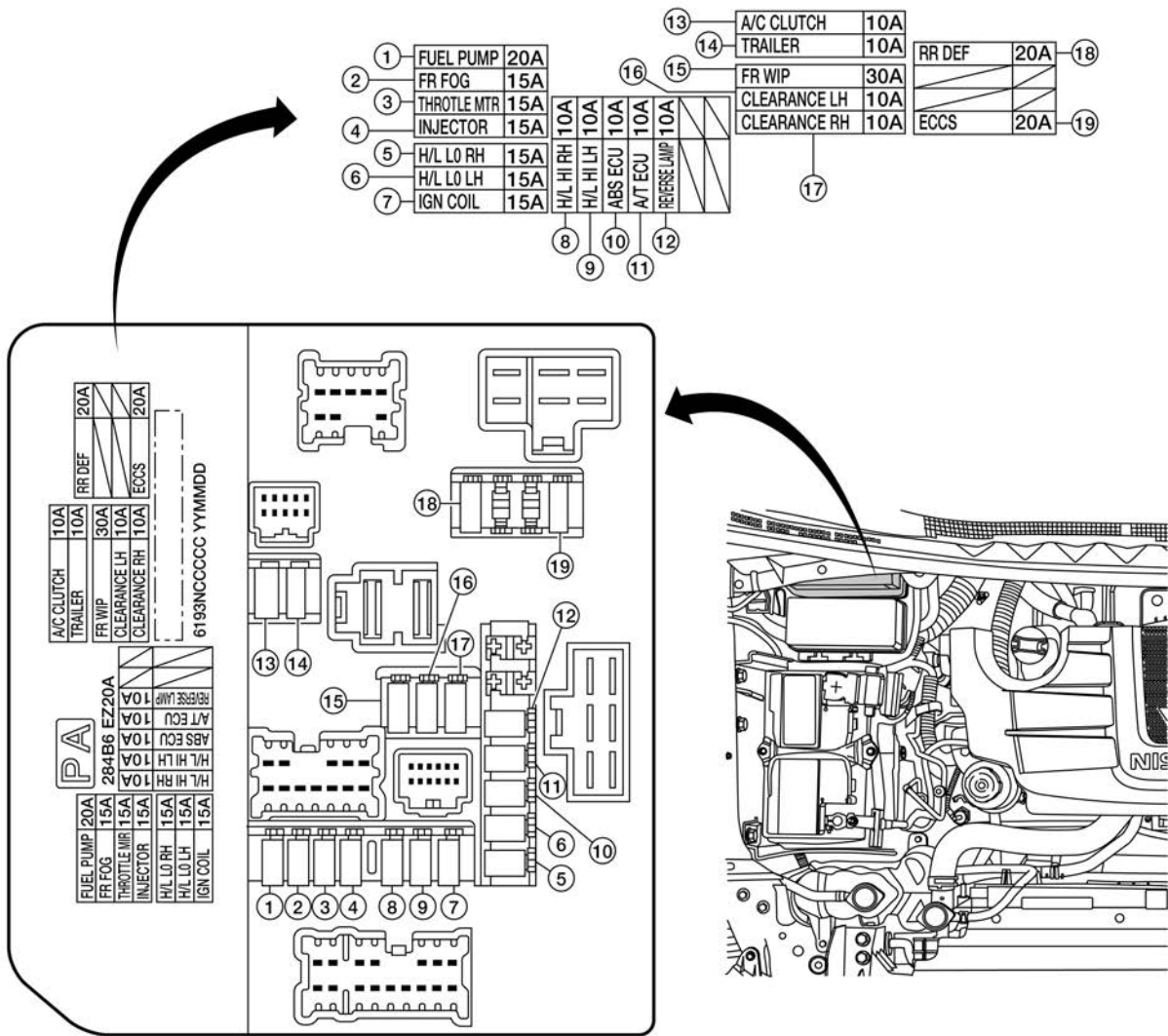
- **Extended storage switch and fuse (or bus bar) are removed together. Remove fuse (or bus bar) from extended storage switch, if necessary.**
- **Install removed fuse (or bus bar) to fuse block.**
- **Extended storage switch is for transportation and storage. Reinstallation of switch is not required after removal, but fuse (or bus bar) must be reinstalled/pushed back in to activate all electrical systems and turn message off (which may be shown in meter/display).**

FUSE AND RELAY INFORMATION

Fuses and Relays — Engine Compartment, 2017 Model Year (VK56VD [5.6L])

**WARNING:**

This information is reference only. To avoid damage, modification of the vehicle's electrical systems is not recommended.



AAZIA0706ZZ

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Yellow	20A	Ignition	Fuel pump
2	Blue	15A	Battery	Front fog lamps

FUSE AND RELAY INFORMATION

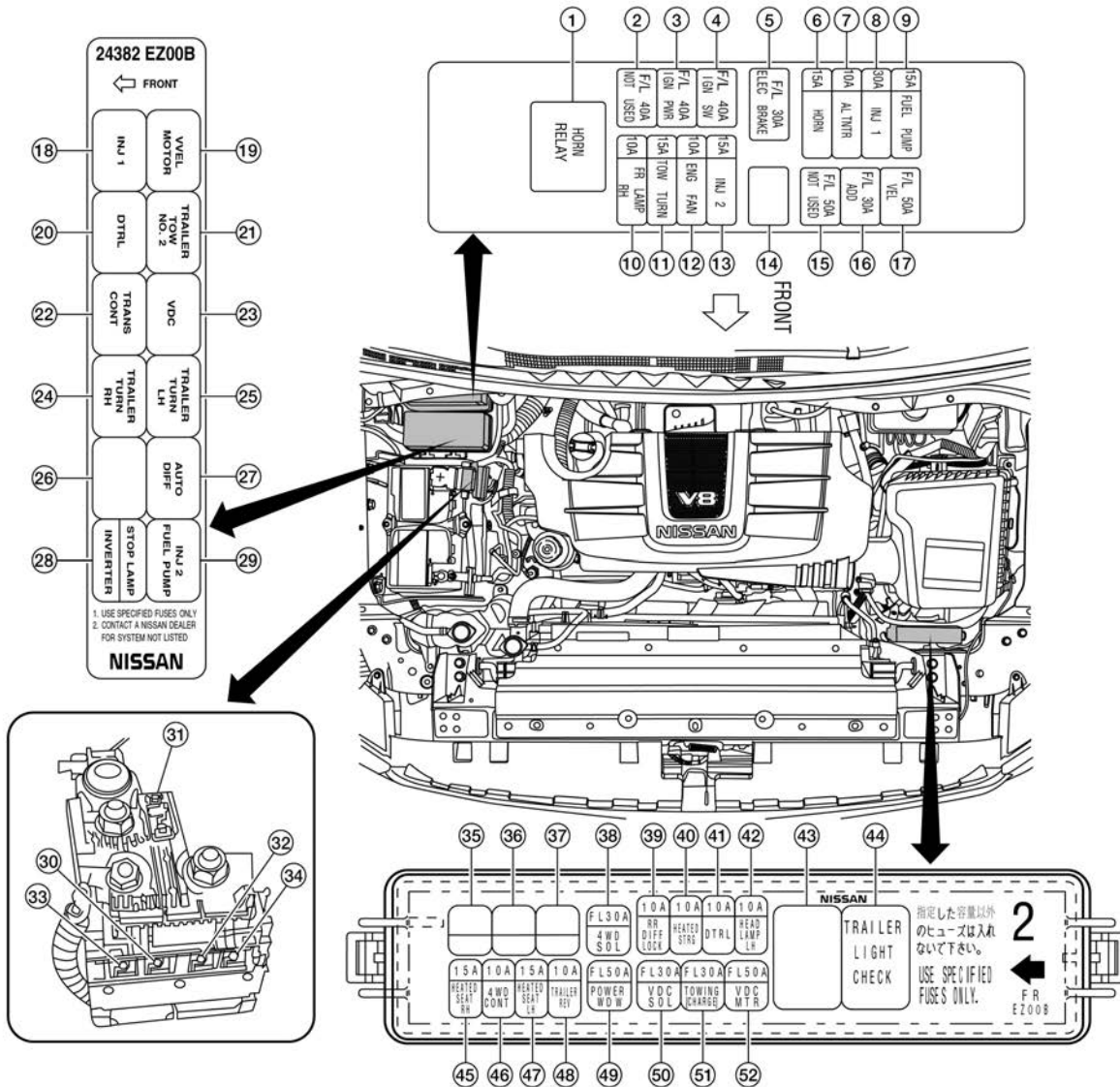
[ELECTRICAL]

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
3	Blue	15A	Battery	Throttle motor
4	Blue	15A	Ignition	Fuel injector
5	Blue	15A	Battery	Headlamp low RH *2
6	Blue	15A	Battery	Headlamp low LH *2
7	Blue	15A	Ignition	Ignition power for engine control module
8	Red	10A	Battery	Headlamp high RH *1
9	Red	10A	Battery	Headlamp high LH *1
10	Red	10A	Ignition	ABS control unit
11	Red	10A	Ignition	AT control unit
12	Red	10A	Ignition	Reverse lamps
13	Red	10A	Battery	AC compressor clutch
14	Red	10A	Battery	Trailer tow
15	Green	30A	Battery	Front wiper
16	Red	10A	Battery	Clearance lamps LH, Tail *3
17	Red	10A	Battery	Clearance lamps RH, Tail *3
18	Yellow	20A	Battery	Rear defogger
19	Yellow	20A	Ignition	Engine control system

*1: With high beam headlamps ON.

*2: With halogen low beam headlamps ON (these fuses are not used with LED headlamps).

*3: With tail lamps ON.



AAZIA0707ZZ

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Black	—	—	Horn relay
2	—	40A	Battery	Not used
3	Orange	40A	Battery	Ignition power
4	Orange	40A	Battery	Ignition switch
5	Green	30A	Battery	Electric brake (trailer tow)
6	Blue	15A	Battery	Horn fuse
7	Red	50A	Battery	Charging system
8	Green	30A	Battery	Injector 1 fuse
9	Blue	15A	Battery	Fuel pump
10	Red	10A	Battery	Headlamp RH
11	Blue	15A	Battery	Turn signal control (trailer)

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
12	Red	10A	Battery	Engine cooling fan
13	Blue	15A	Battery	Injector 2 fuse
14	—	—	Battery	Not used
15	Red	50A	Battery	Not used
16	Green	30A	Battery	Front axle disconnect device
17	Red	50A	Battery	Variable engine valve timing control system
18	Blue	—	—	Injector 1 relay
19	Black	—	—	Variable engine valve timing control motor relay
20	Blue	—	—	Daytime running lamps relay
21	Brown	—	—	Trailer tow No. 2 relay
22	Blue	—	—	Transmission control relay
23	Blue	—	—	Vehicle dynamic control relay
24	Blue	—	—	Trailer tow RH relay
25	Blue	—	—	Trailer tow LH relay
26	—	—	—	Not used
27	Blue	—	—	Auto differential relay
28	Brown	—	—	Stop lamp/inverter relay
29	Black	—	—	Injector 2 and fuel pump relay
30	Violet	100A	Battery	Body system
31	—	250A	Battery	Alternator
32	Violet	100A	Battery	Chassis system
33	Clear	80	Battery	Exterior lighting systems, windshield wipers, air conditioner
34	Blue	60A	Battery	Engine controls
35	Violet	100A	Battery	Trailer brake, trailer turn and hazard lamps, engine control.
36	—	—	—	Not used
37	—	—	—	Not used
38	—	—	—	Not used
39	Green	30A	Battery	4WD solenoid
40	Red	10A	Battery	Rear differential lock
41	Red	10A	Battery	Heated steering
42	Red	10A	Battery	Daytime running lamps relay
43	Red	10A	Battery	Headlamp LH
44	—	—	—	Not used
45	Green	30A	Battery	Trailer light check relay
46	Blue	15A	Battery	Heated seat RH
47	Red	10A	Battery	4WD control

FUSE AND RELAY INFORMATION

[ELECTRICAL]

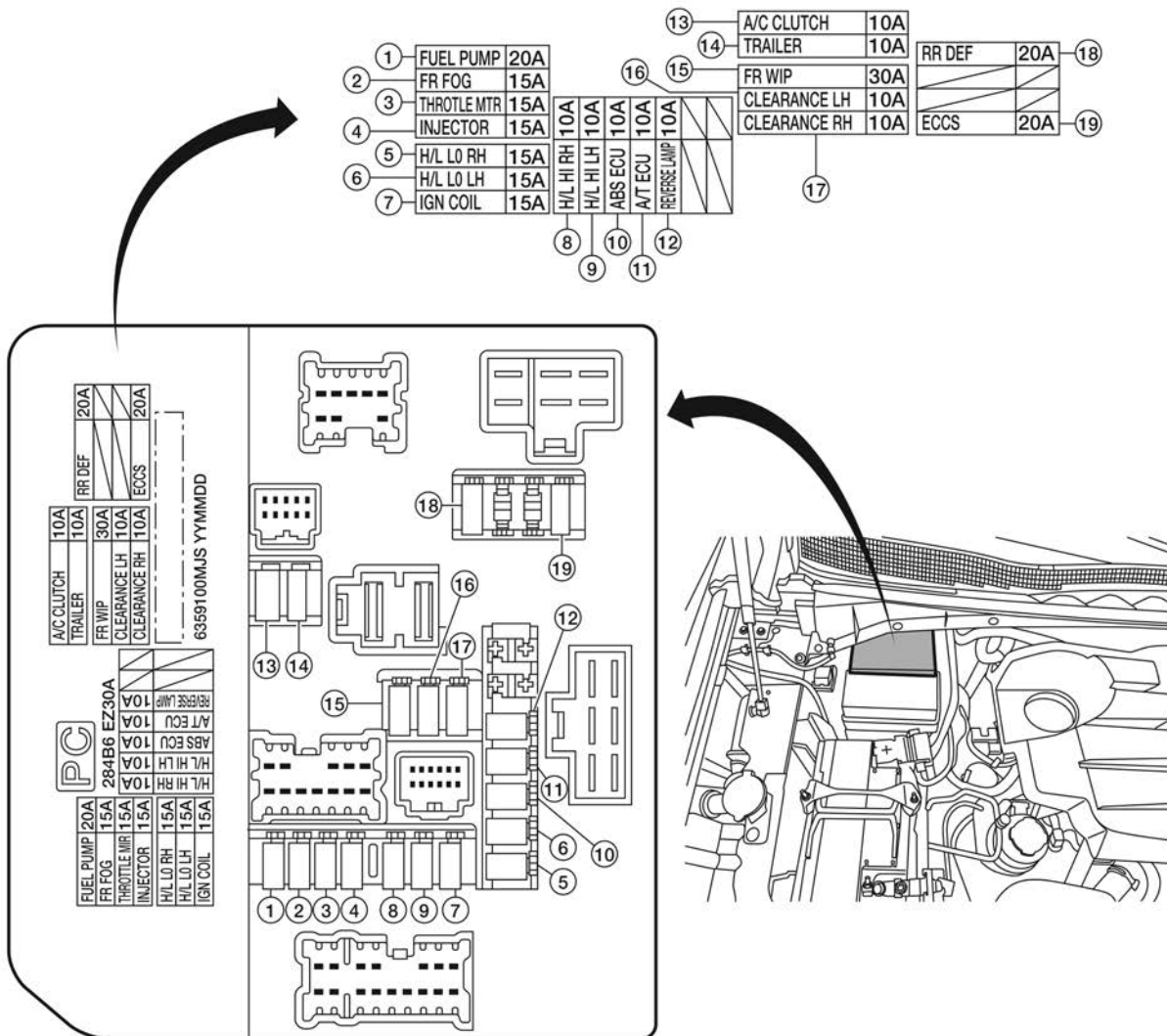
Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
48	Blue	15A	Battery	Heated seat LH
49	Red	10A	Battery	Trailer reverse
50	Red	50A	Battery	Power window
51	Green	30A	Battery	Vehicle dynamic control solenoid
52	Green	30A	Battery	Towing Charge
53	Red	50A	Battery	Vehicle dynamic control motor

Fuses and Relays — Engine Compartment, 2018-2019 Model Years (VK56VD [5.6L])



WARNING:

This information is reference only. To avoid damage, modification of the vehicle's electrical systems is not recommended.



TGAZIA0058ZZ

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Yellow	20A	Ignition	Fuel pump
2	Blue	15A	Battery	Front fog lamps
3	Blue	15A	Battery	Throttle motor
4	Blue	15A	Ignition	Fuel injector

FUSE AND RELAY INFORMATION

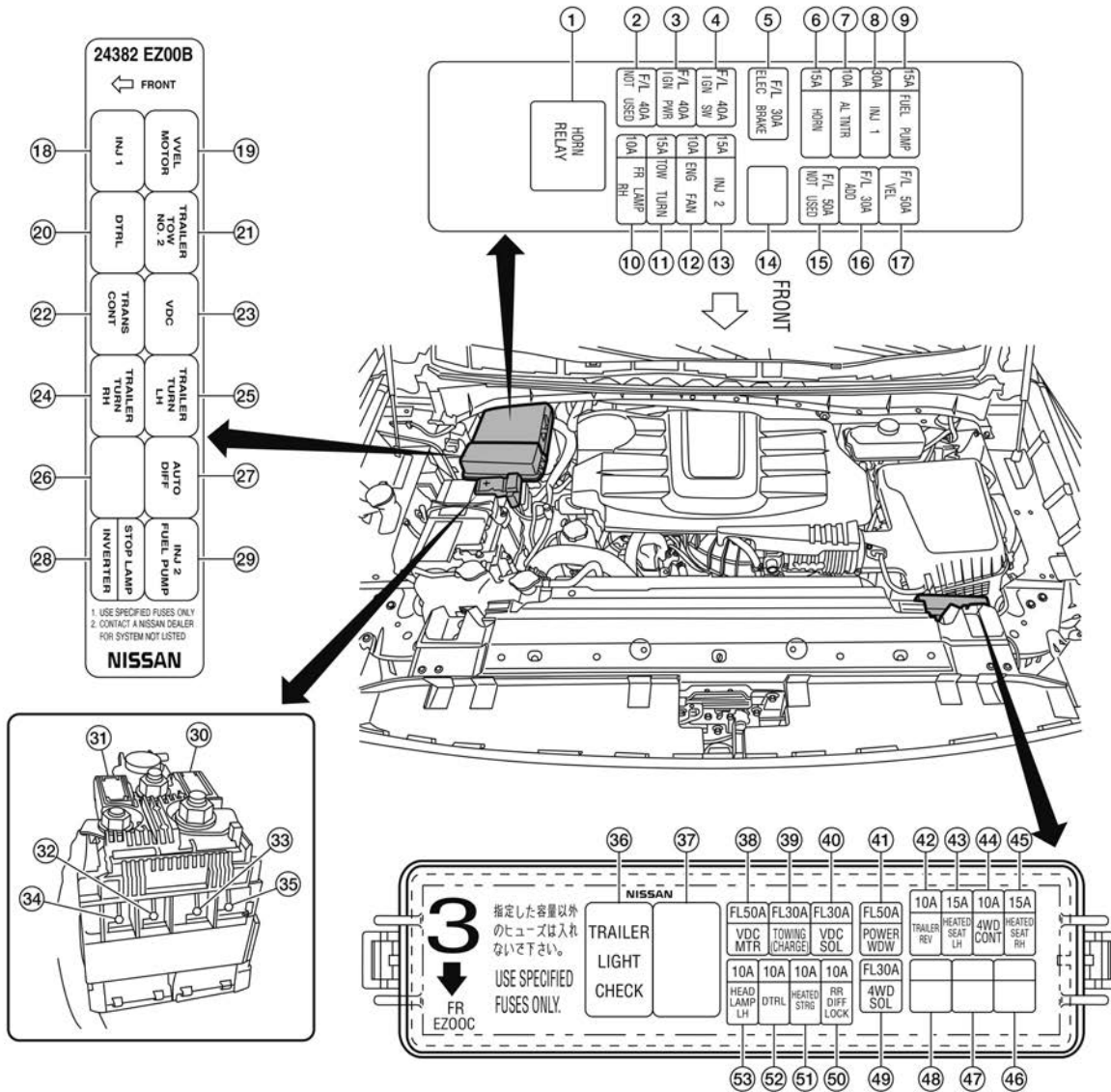
[ELECTRICAL]

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
5	Blue	15A	Battery	Headlamp low RH *2
6	Blue	15A	Battery	Headlamp low LH *2
7	Blue	15A	Ignition	Ignition power for engine control module
8	Red	10A	Battery	Headlamp high RH *1
9	Red	10A	Battery	Headlamp high LH *1
10	Red	10A	Ignition	ABS control unit
11	Red	10A	Ignition	AT control unit
12	Red	10A	Ignition	Reverse lamps
13	Red	10A	Battery	AC compressor clutch
14	Red	10A	Battery	Trailer tow
15	Green	30A	Battery	Front wiper
16	Red	10A	Battery	Clearance lamps LH, Tail *3
17	Red	10A	Battery	Clearance lamps RH, Tail *3
18	Yellow	20A	Battery	Rear defogger
19	Yellow	20A	Ignition	Engine control system

***1:** With high beam headlamps ON.

***2:** With halogen low beam headlamps ON (these fuses are not used with LED headlamps).

***3:** With tail lamps ON.



TGAZIA0044ZZ

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Black	—	—	Horn relay
2	—	40A	Battery	Not used
3	Orange	40A	Battery	Ignition power
4	Orange	40A	Battery	Ignition switch
5	Green	30A	Battery	Electric brake (trailer tow)
6	Blue	15A	Battery	Horn fuse
7	Red	50A	Battery	Charging system
8	Green	30A	Battery	Injector 1 fuse
9	Blue	15A	Battery	Fuel pump
10	Red	10A	Battery	Headlamp RH
11	Blue	15A	Battery	Turn signal control (trailer)

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
12	Red	10A	Battery	Engine cooling fan
13	Blue	15A	Battery	Injector 2 fuse
14	—	—	Battery	Not used
15	Red	50A	Battery	Not used
16	Green	30A	Battery	Front axle disconnect device
17	Red	50A	Battery	Variable engine valve timing control system
18	Blue	—	—	Injector 1 relay
19	Black	—	—	Variable engine valve timing control motor relay
20	Blue	—	—	Daytime running lamps relay
21	Brown	—	—	Trailer tow No. 2 relay
22	Blue	—	—	Transmission control relay
23	Blue	—	—	Vehicle dynamic control relay
24	Blue	—	—	Trailer tow RH relay
25	Blue	—	—	Trailer tow LH relay
26	—	—	—	Not used
27	Blue	—	—	Auto differential relay
28	Brown	—	—	Stop lamp/inverter relay
29	Black	—	—	Injector 2 and fuel pump relay
30	—	100A	Battery	Body system
31	—	250A	Battery	Alternator
32	—	100A	Battery	Chassis system
33	—	80	Battery	Exterior lighting systems, windshield wipers, air conditioner
34	—	60A	Battery	Engine controls
35	—	100A	Battery	Trailer brake, trailer turn and hazard lamps, engine control.
36	Green	30A	Battery	Trailer light check relay
37	—	—	—	Not used
38	Red	50A	Battery	Vehicle dynamic control motor
39	Green	30A	Battery	Towing Charge
40	Green	30A	Battery	Vehicle dynamic control solenoid
41	Red	50A	Battery	Power window
42	Red	10A	Battery	Trailer reverse
43	Blue	15A	Battery	Heated seat LH
44	Red	10A	Battery	4WD control
45	Blue	15A	Battery	Heated seat RH
46	—	—	—	Not used
47	—	—	—	Not used

FUSE AND RELAY INFORMATION

[ELECTRICAL]

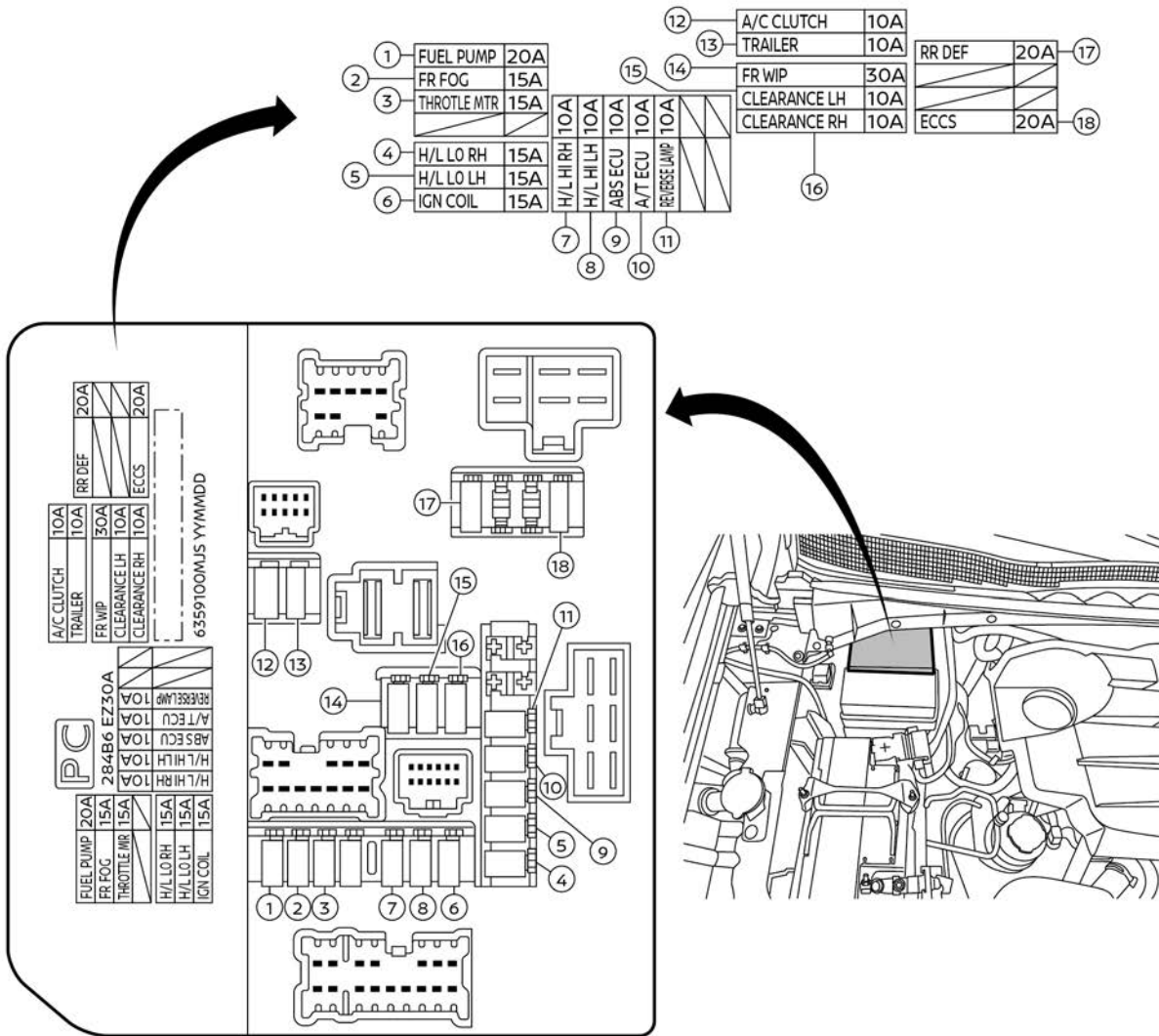
Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
48	—	—	—	Not used
49	Green	30A	Battery	4WD solenoid
50	Red	10A	Battery	Rear differential lock
51	Red	10A	Battery	Heated steering
52	Red	10A	Battery	Daytime running lamps relay
53	Red	10A	Battery	Headlamp LH

Fuses and Relays — Engine Compartment, Starting 2020 Model Year (VK56VD [5.6L])



WARNING:

This information is reference only. To avoid damage, modification of the vehicle's electrical systems is not recommended.



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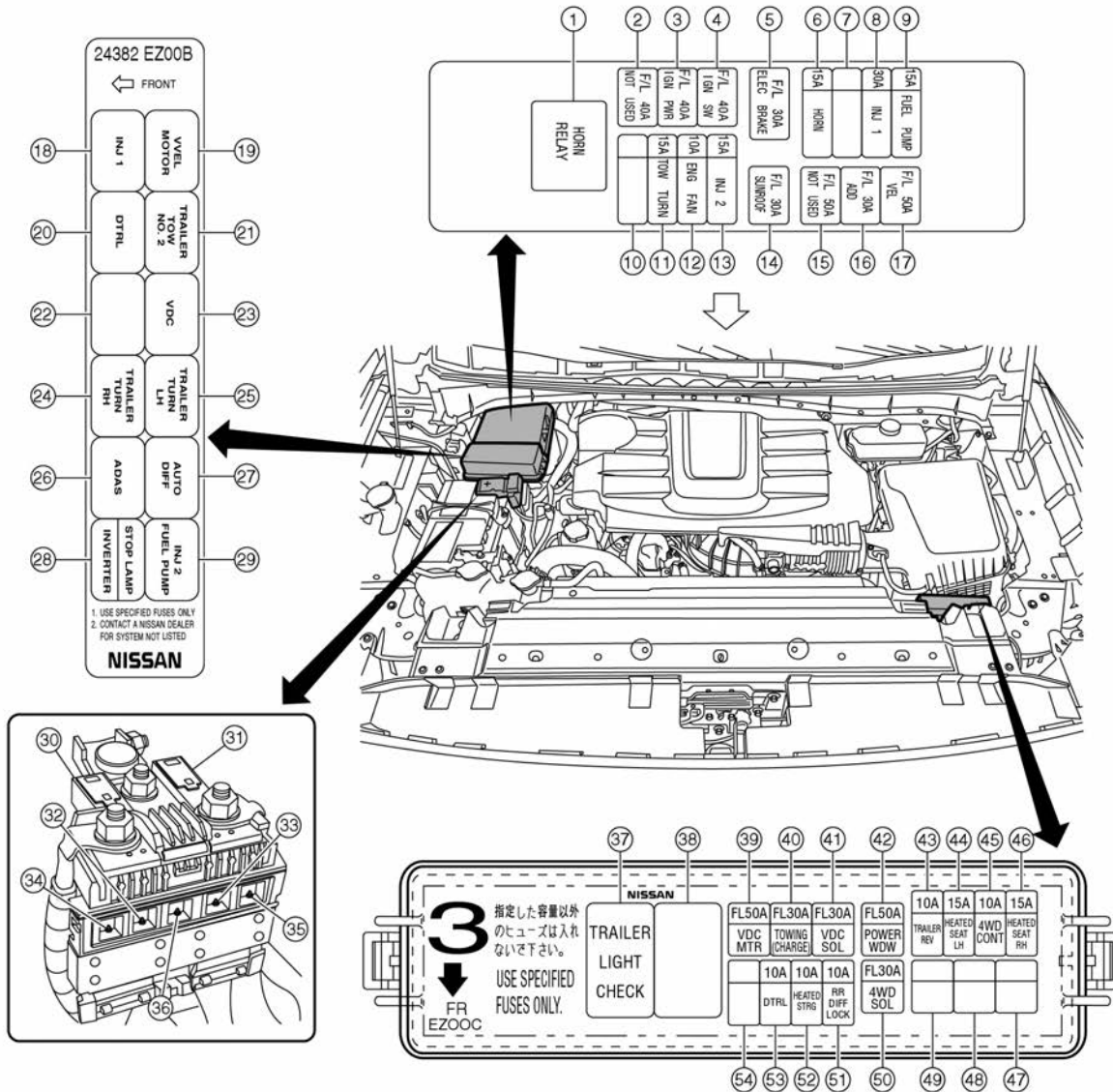
Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Yellow	20A	Ignition	Fuel pump
2	Blue	15A	Battery	Front fog lamps
3	Blue	15A	Battery	Throttle motor
4	Blue	15A	Battery	Headlamp low RH *2

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
5	Blue	15A	Battery	Headlamp low LH *2
6	Blue	15A	Ignition	Ignition power for engine control module
7	Red	10A	Battery	Headlamp high RH *1
8	Red	10A	Battery	Headlamp high LH *1
9	Red	10A	Ignition	ABS control unit
10	Red	10A	Ignition	AT control unit
11	Red	10A	Ignition	Reverse lamps
12	Red	10A	Battery	AC compressor clutch
13	Red	10A	Battery	Trailer tow
14	Green	30A	Battery	Front wiper
15	Red	10A	Battery	Clearance lamps LH, Tail *3
16	Red	10A	Battery	Clearance lamps RH, Tail *3
17	Yellow	20A	Battery	Rear defogger
18	Yellow	20A	Ignition	Engine control system

***1:** With high beam headlamps ON.

***2:** With halogen low beam headlamps ON (these fuses are not used with LED headlamps).

***3:** With tail lamps ON.



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Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Black	—	—	Horn relay
2	—	40A	Battery	Not used
3	Orange	40A	Battery	Ignition power
4	Orange	40A	Battery	Ignition switch
5	Green	30A	Battery	Electric brake (trailer tow)
6	Blue	15A	Battery	Horn fuse
7	—	—	Battery	Not used
8	Green	30A	Battery	Injector 1 fuse
9	Blue	15A	Battery	Fuel pump
10	—	—	Battery	Not used
11	Blue	15A	Battery	Turn signal control (trailer)

FUSE AND RELAY INFORMATION

[ELECTRICAL]

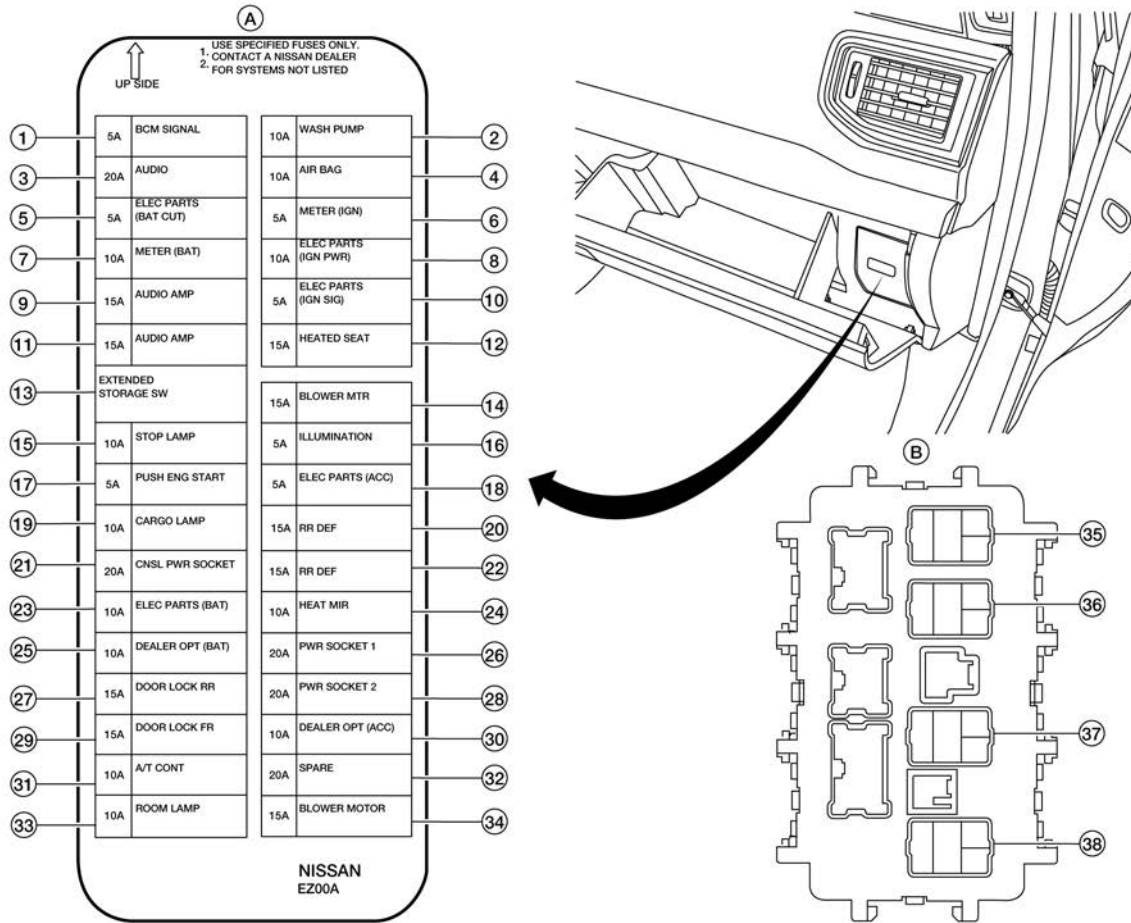
Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
12	Red	10A	Battery	Engine cooling fan
13	Blue	15A	Battery	Injector 2 fuse
14	Green	30A	Battery	Moonroof
15	Red	50A	Battery	Not used
16	Green	30A	Battery	Front axle disconnect device
17	Red	50A	Battery	Variable engine valve timing control system
18	Blue	—	—	Injector 1 relay
19	Black	—	—	Variable engine valve timing control motor relay
20	Blue	—	—	Daytime running lamps relay
21	Brown	—	—	Trailer tow No. 2 relay
22	—	—	—	Not used
23	Blue	—	—	Vehicle dynamic control relay
24	Blue	—	—	Trailer tow RH relay
25	Blue	—	—	Trailer tow LH relay
26	Blue	—	—	Advanced driver assistance system relay
27	Blue	—	—	Auto differential relay
28	Brown	—	—	Stop lamp/inverter relay
29	Black	—	—	Injector 2 and fuel pump relay
30	—	100A	Battery	Body system
31	—	450A	Battery	Alternator
32	—	80A	Battery	Transfer control unit, body control module, ABS actuator and electric unit.
33	—	80A	Battery	Exterior lights, wiper, trailer tow.
34	—	80A	Battery	Ignition
35	—	100A	Battery	Moonroof, hazard lamps, engine control.
36	—	100A	Battery	Automatic transmission device
37	Green	—	Battery	Trailer light check relay
38	—	—	—	Not used
39	Red	50A	Battery	Vehicle dynamic control motor
40	Green	30A	Battery	Towing Charge
41	Green	30A	Battery	Vehicle dynamic control solenoid
42	Red	50A	Battery	Power window
43	Red	10A	Battery	Trailer reverse
44	Blue	15A	Battery	Heated seat LH
45	Red	10A	Battery	4WD control
46	Blue	15A	Battery	Heated seat RH
47	—	—	—	Not used
48	—	—	—	Not used

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
49	—	—	—	Not used
50	Green	30A	Battery	4WD solenoid
51	Red	10A	Battery	Rear differential lock
52	Red	10A	Battery	Heated steering
53	Red	10A	Battery	Daytime running lamps relay
54	—	—	—	Not used

Fuses and Relays — Interior



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A: Fuse block label (located on cover)

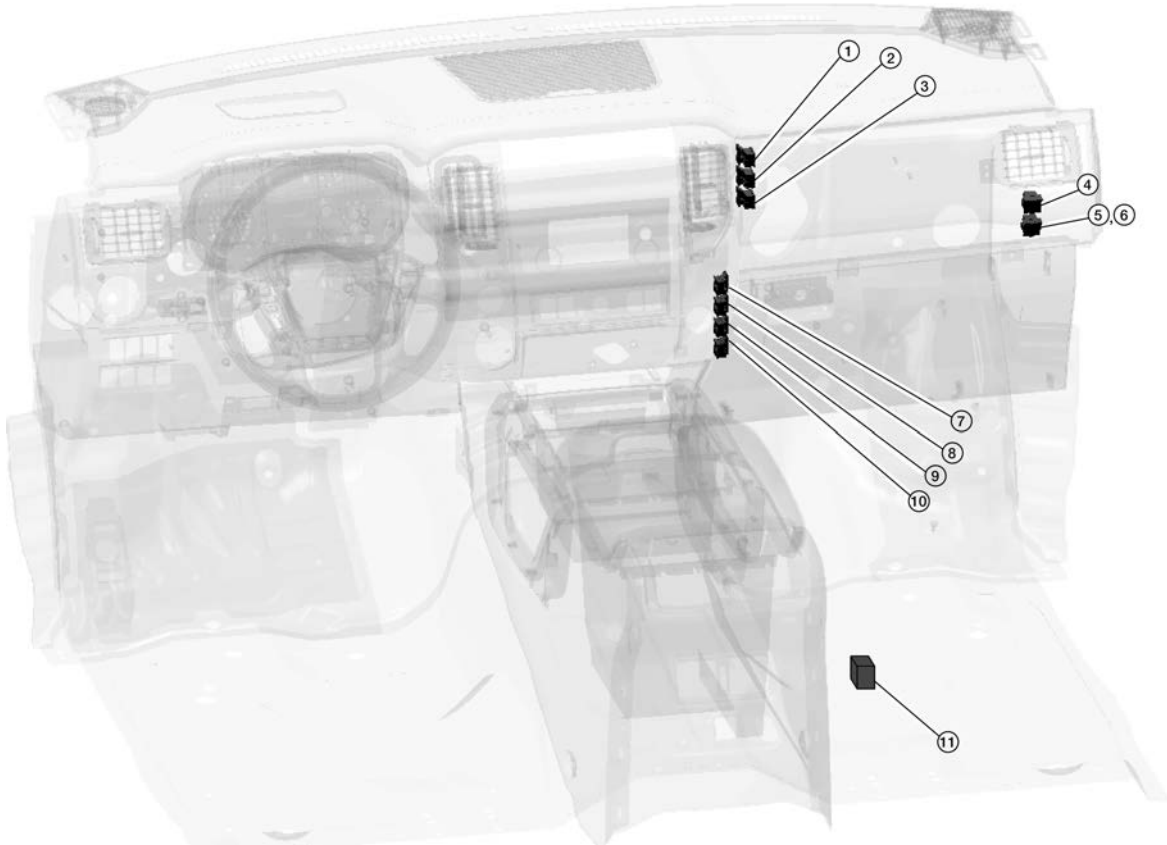
B: Rear view of fuse block

Item	Fuse/Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Tan	5A	Battery	Body control module signal
2	Red	10A	Ignition	Windshield washer pump
3	Yellow	20A	Battery	Audio
4	Red	10A	Ignition	Air bag
5	Tan	5A	Battery	Electric parts (battery cut)
6	Tan	5A	Ignition	Meter
7	Red	10A	Battery	Meter (battery)
8	Red	10A	Ignition	Electric parts (ignition power)
9	Blue	15A	Battery	Audio amplifier
10	Tan	5A	Ignition	Electric parts (ignition signal)
11	Blue	15A	Battery	Audio amplifier
12	Blue	15A	Ignition	Heated seats
13	—	—	—	Extended storage switch

FUSE AND RELAY INFORMATION

[ELECTRICAL]

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
14	Blue	15A	Ignition	Blower motor
15	Red	10A	Battery	Stop lamp
16	Tan	5A	Ignition	Illumination
17	Tan	5A	Battery	Push-button ignition
18	Tan	5A	Accessory	Electric parts (accessories)
19	Red	10A	Battery	Cargo lamps
20	Blue	15A	Ignition	Rear defogger
21	Yellow	20A	Battery	Console power socket
22	Blue	15A	Ignition	Rear defogger
23	Red	10A	Battery	Electric parts (battery)
24	Red	10A	Ignition	Heated mirror
25	Red	10A	Battery	Dealer option
26	Yellow	20A	Accessory	Power socket (near USB and AUX socket)
27	Blue	15A	Battery	Door lock rear
28	Yellow	20A	Accessory	Power socket 2 (under center-right vent)
29	Blue	15A	Battery	Door lock front
30	Red	10A	Accessory	Dealer option (accessory) (through 2018 model year); Rear USB charge ports (starting with 2019 model year)
31	Red	10A	Battery	A/T control
32	Yellow	20A	Accessory	Spare
33	Red	10A	Battery	Room lamp
34	Blue	15A	Ignition	Blower motor
35	Black	—	—	Accessory relay
36	Black	—	—	Rear defogger relay
37	Black	—	—	Blower motor relay
38	Black	—	—	Ignition relay



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Center console available on crew cab and King Cab® only.

Item	Fuse/ Relay Color	Fuse Rating	Power Supply Condition	Fuse/Relay Name
1	Blue	—	Ignition	Console power socket relay
2	Black	—	Ignition	Rear power slide glass close relay
3	Black	—	Ignition	Rear power slide glass open relay
4	Brown	—	Ignition	Back up lamp relay
5	Brown	—	Ignition	Heated seat relay
6	Brown	—	Ignition	Climate controlled seat relay
7	Blue	—	Ignition	Cargo lamp relay
8	Blue	—	Accessory	Trailer tow relay 1
9	Blue	—	Ignition	Accessory relay 2
10	Blue	—	Battery	Heated steering wheel relay
11	Tan	5A	Battery	Headrest DVD entertainment system (crew cab only)

GROUND S

Grounds

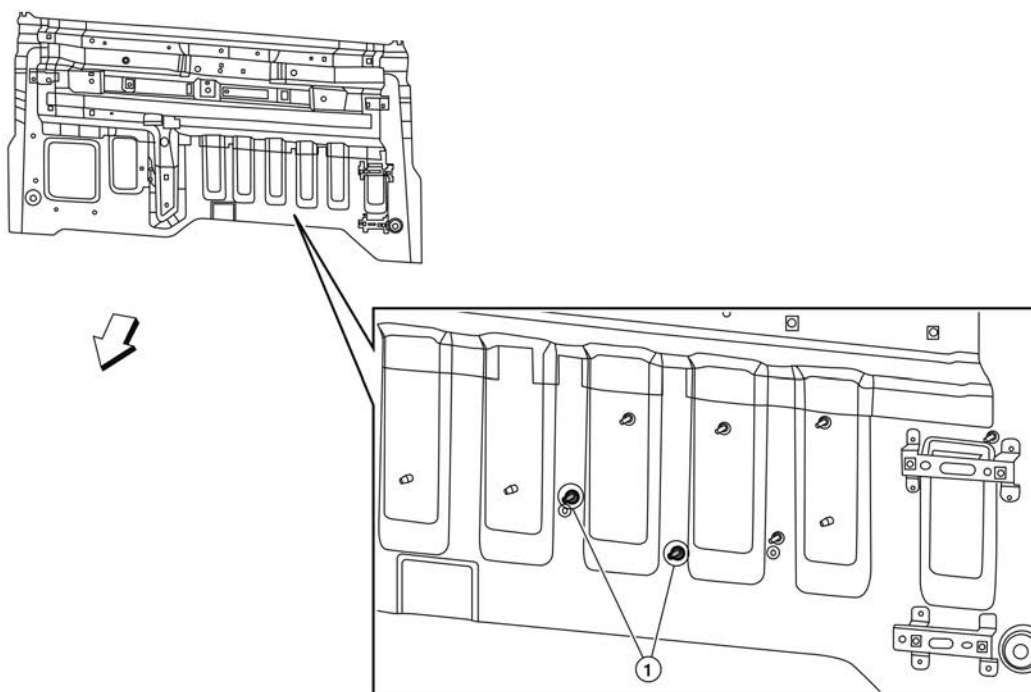


CAUTION:

- Do not ground accessories directly to the battery negative terminal on any Nissan vehicle. Doing so may interfere with the power generation voltage variable control system and cause poor or inoperative battery charging.
- Install electrical accessories using suitable body ground connections or ground to the engine block area. Refer to [BATTERY VOLTAGE CONTROL SYSTEM \(pg. 412\)](#) in this section.

It is the responsibility of the vehicle upfitter to install any grounds necessary for equipment from aftermarket or second stage equipment manufacturers. Nissan factory grounds should not be altered.

Permissible Ground Locations (located inside back wall of cab)



AAZIA0807ZZ

: Front of vehicle

1. Weld studs not currently used

View of cab rear panel with interior trim removed.

Remove all paint from studs and use dielectric grease to fasten additional grounds.

BATTERY VOLTAGE CONTROL SYSTEM**CAUTION:**

- **Do not ground accessories directly to the battery negative terminal on any Nissan vehicle. Doing so may interfere with the power generation voltage variable control system and cause poor or inoperative battery charging.**
- **Install electrical accessories using suitable body ground connections or ground to the engine block area.**
- **Use electrical accessories with the engine running to avoid discharging the vehicle battery.**

**CAUTION:**

- **To avoid the risk of minor injury or property damage:**
 - **If the 12-volt battery has low or no voltage, the transmission cannot be shifted. Replace the battery or repair the damaged power supply system. If towing the vehicle, follow the tow procedure in the service manual.**

Adding electrical devices puts more load on the electrical system and the battery. The engine control module (ECM) monitors battery voltage. If battery voltage drops below 12 volts, engine RPM is increased up to 800 RPM (maximum for Park, Neutral and Drive when the engine is at normal operating temperature). Excessive increase in current load may cause the battery to remain in a discharging state even with increased engine idle RPM. RPM will decrease as battery voltage increases. Engine RPM changes are gradually ramped up and down by ECM control.

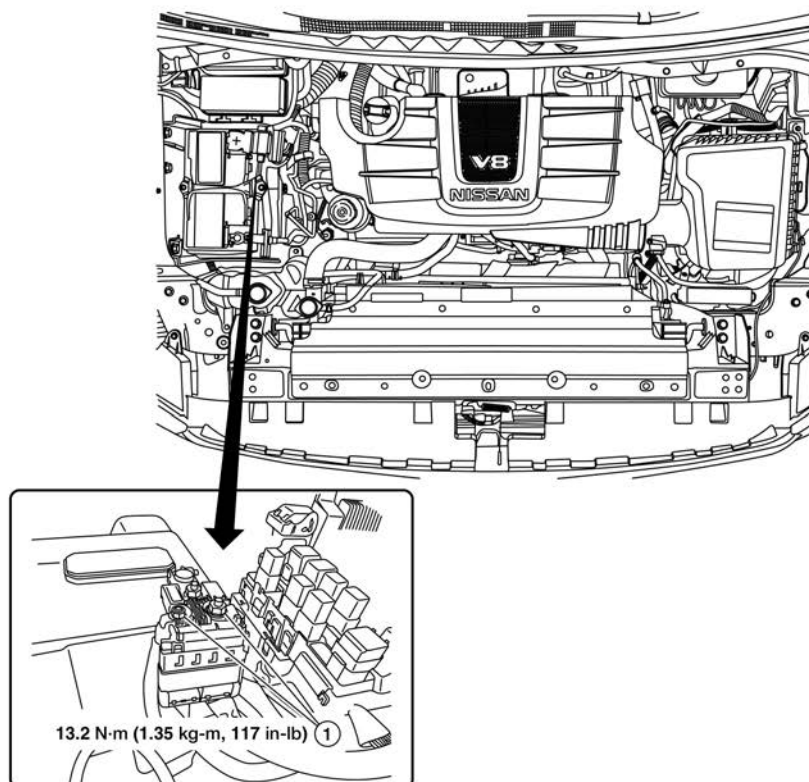
For battery specifications, refer to [BATTERY \(pg. 594\)](#) in the Specifications section.

For ground connection information, refer to [GROUNDS \(pg. 411\)](#) in this section.

BATTERY VOLTAGE CONNECTION

NOTE:

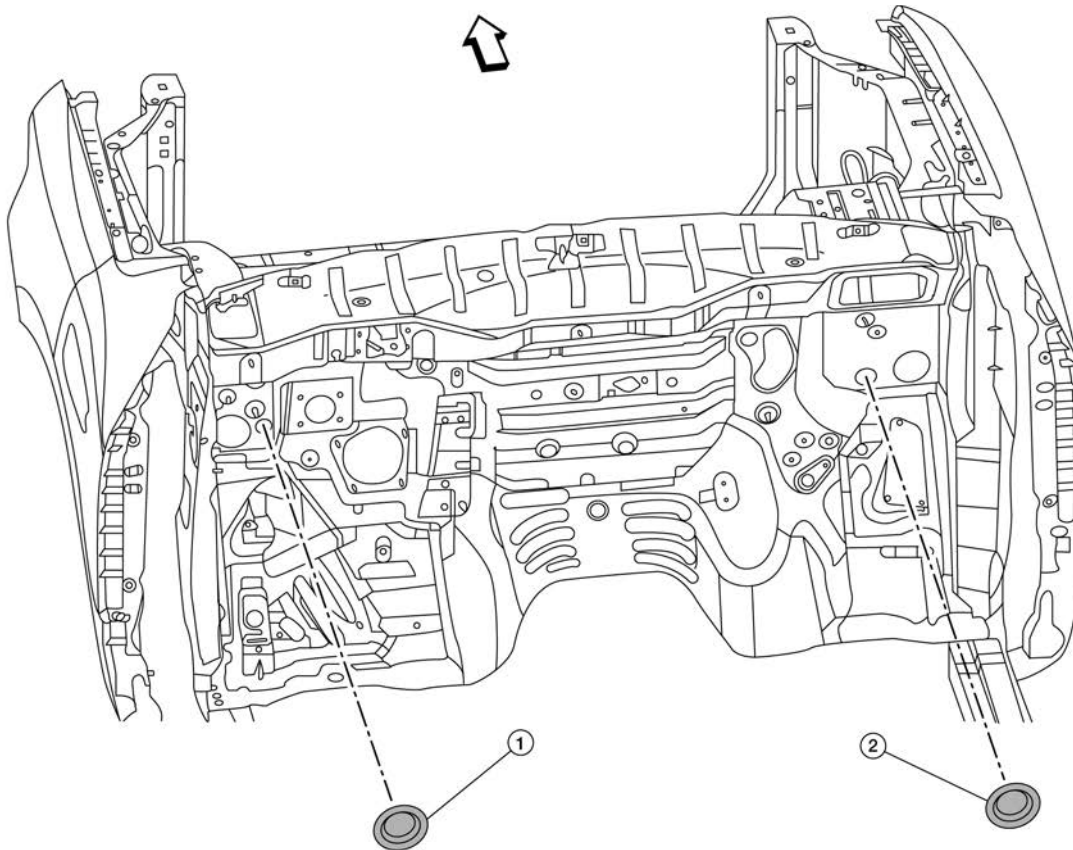
Ignition switch OFF. Wait at least 2 minutes before removing the 12V battery terminal to avoid setting any DTCs.



AAZIA0409GB

1. Battery fusible link terminal nuts

UPFITTER WIRING PASS-THROUGH



AAZIA0531ZZ

↖: Front of vehicle.

1: Driver pass-through grommet

2: Passenger pass-through grommet

Two additional wiring grommets are provided in the bulkhead between the engine and passenger compartments. The driver side pass-through grommet is located above the hood release cable pass-through. The passenger side pass-through grommet is located approximately 200 mm (7.9 in.) to the right of the lower edge of the HVAC pass-through. These pass-throughs are provided to allow easy connection of auxiliary equipment.

To pass a wire or harness through one of these grommets, cut a hole in the grommet just large enough to pass the wire or harness through it. To avoid water intrusion into the passenger compartment, always run the wire or harness down first and then back up to the grommet (forming a "U"-shape drip loop) before passing it through the engine side of the grommet and into the passenger compartment. In addition, apply RTV silicone to reseal the grommet rubber around the wire or harness. This will ensure that any water accumulating on the wire or harness in the engine compartment will not seep into the vehicle's cabin.

**CAUTION:**

To prevent water intrusion and possible vehicle damage:

- **Use RTV silicone to properly seal grommets if they are cut.**
- **Ensure a drip loop is used when passing accessory harness or wiring through either grommet.**

NOTE:

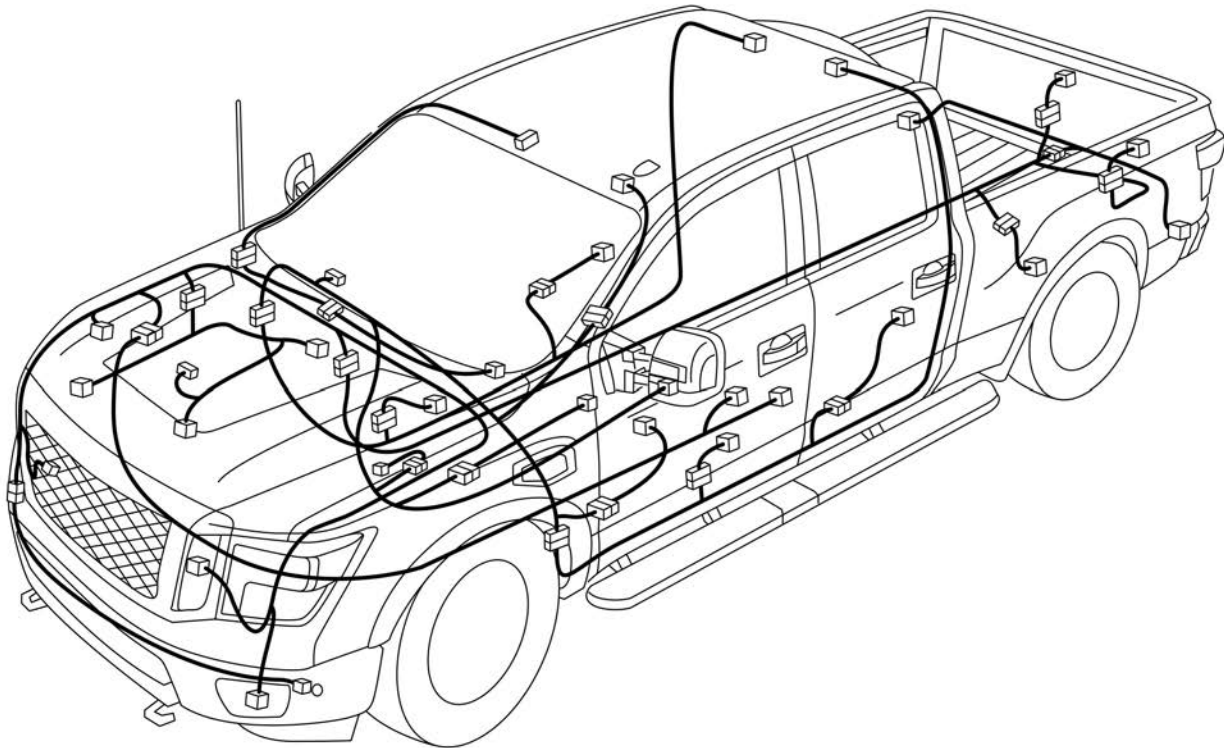
Both grommets are located behind the sound deadener pad.

HARNESS LAYOUT (2017-2019 Model Years)

Harness Outline — Crew Cab

NOTE:

The harness outline shows all harnesses on the vehicle. The following pages show the harnesses that are fully or partially obstructed from view by sheet metal, trim, etc. Use care when working around harnesses to avoid vehicle damage.

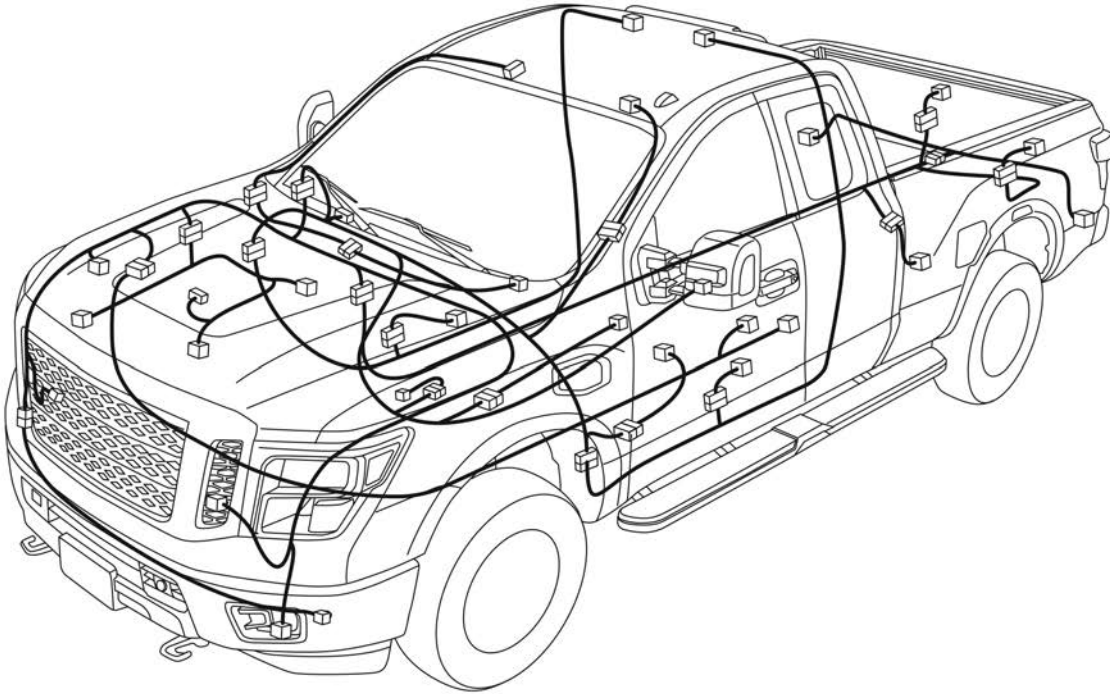


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Harness Outline — King Cab®

NOTE:

The harness outline shows all harnesses on the vehicle. The following pages show the harnesses that are fully or partially obstructed from view by sheet metal, trim, etc. Use care when working around harnesses to avoid vehicle damage.

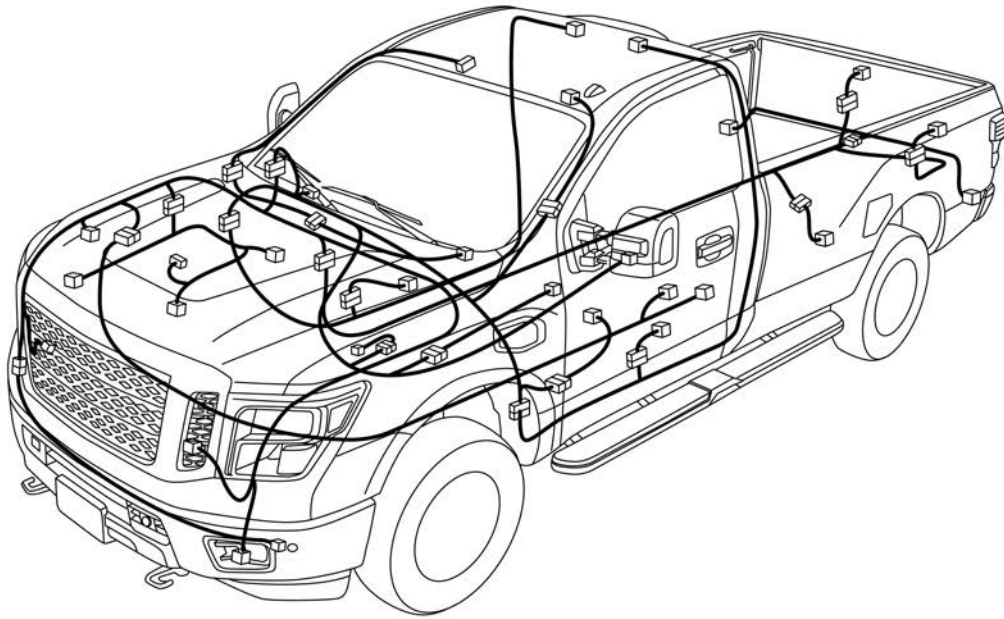


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Harness Outline — Single Cab

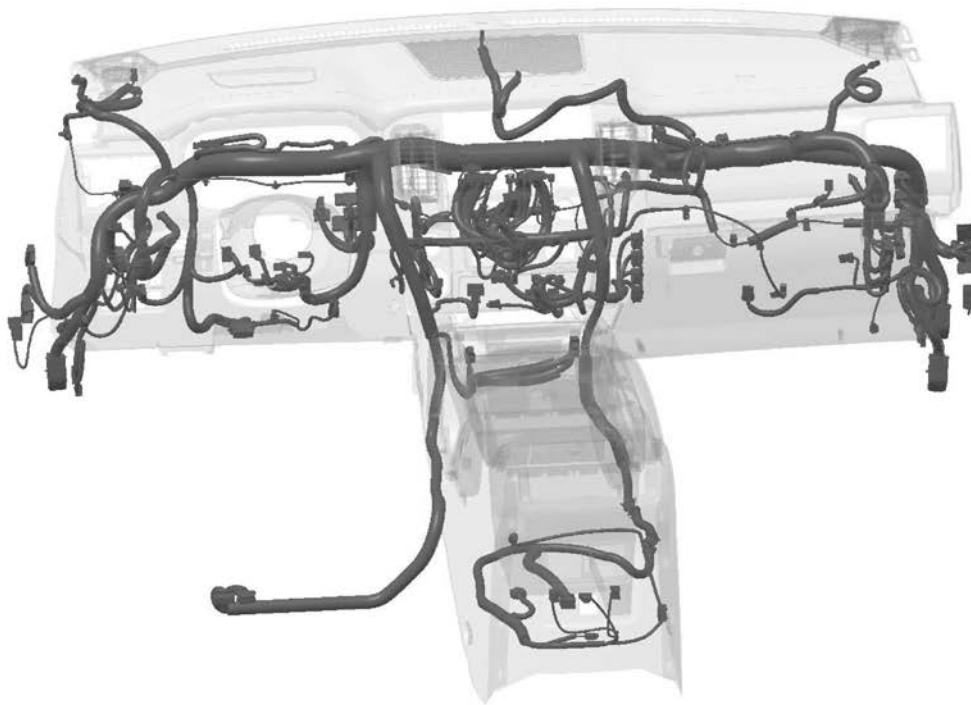
NOTE:

The harness outline shows all harnesses on the vehicle. The following pages show the harnesses that are fully or partially obstructed from view by sheet metal, trim, etc. Use care when working around harnesses to avoid vehicle damage.



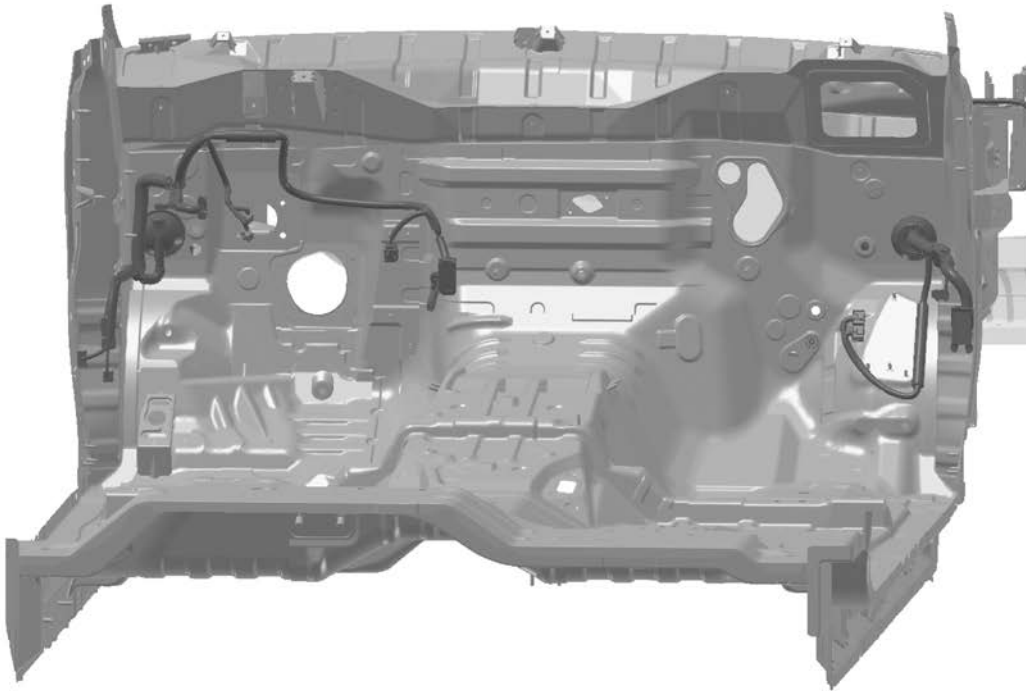
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Main Harness



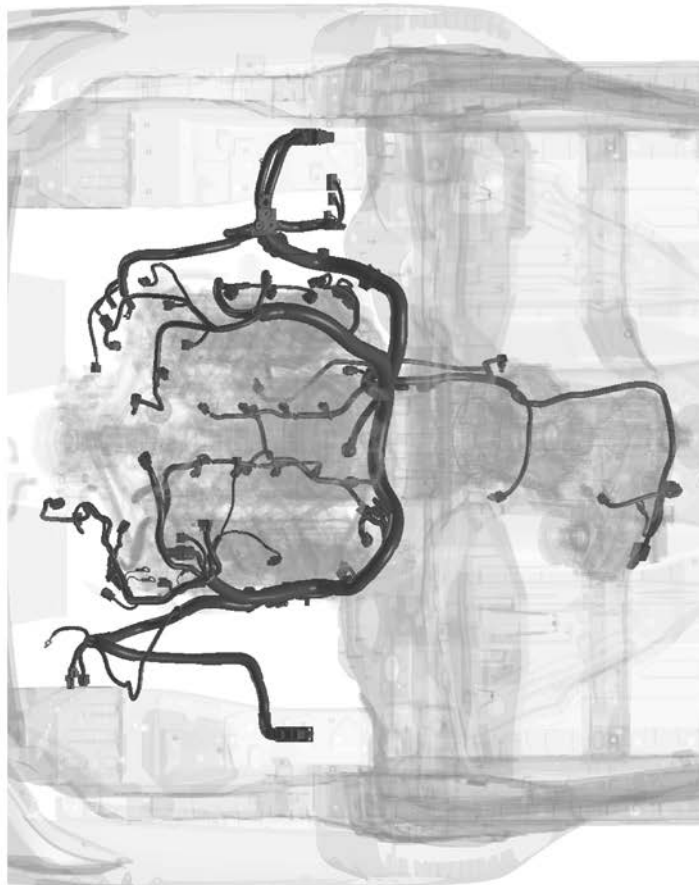
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Engine Room Harness (Passenger Compartment)



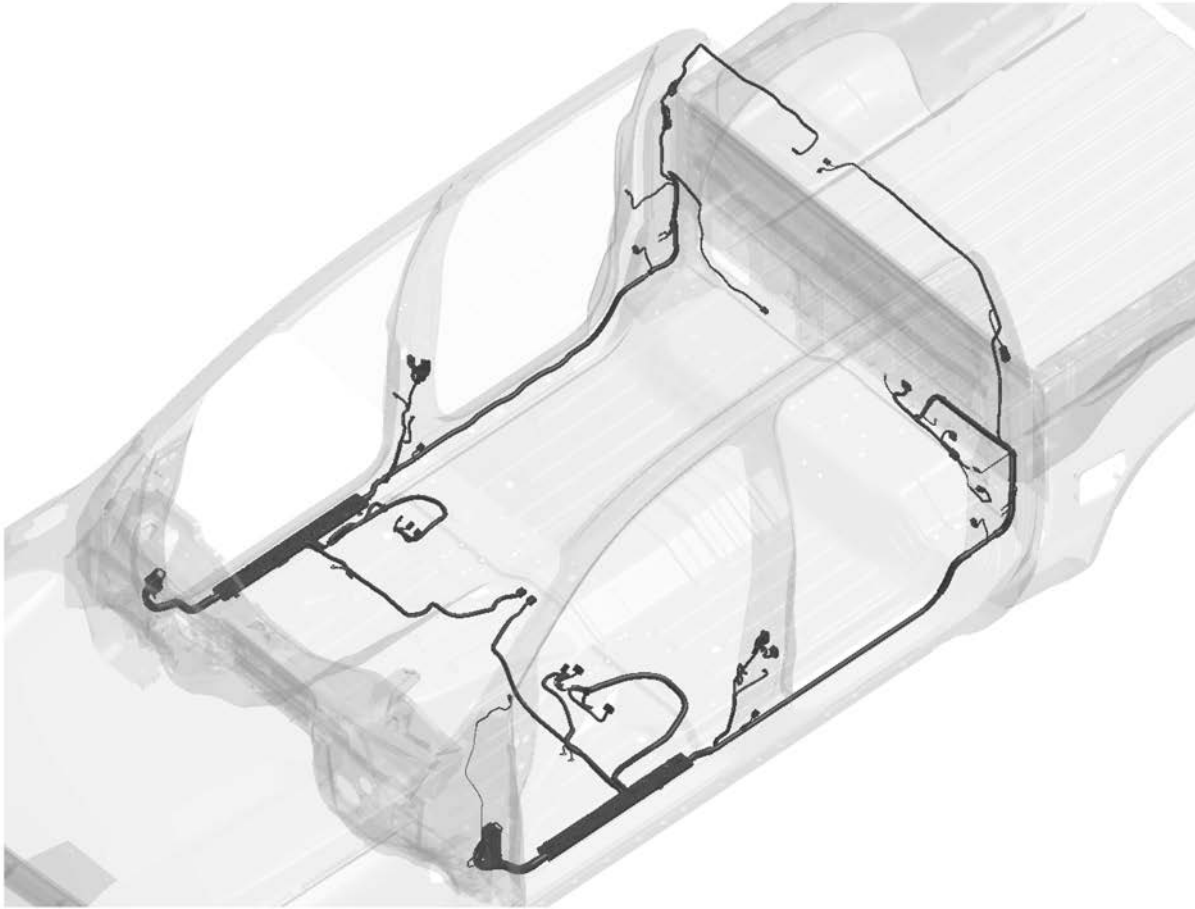
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Engine Control and Engine Control No. 2 Harnesses



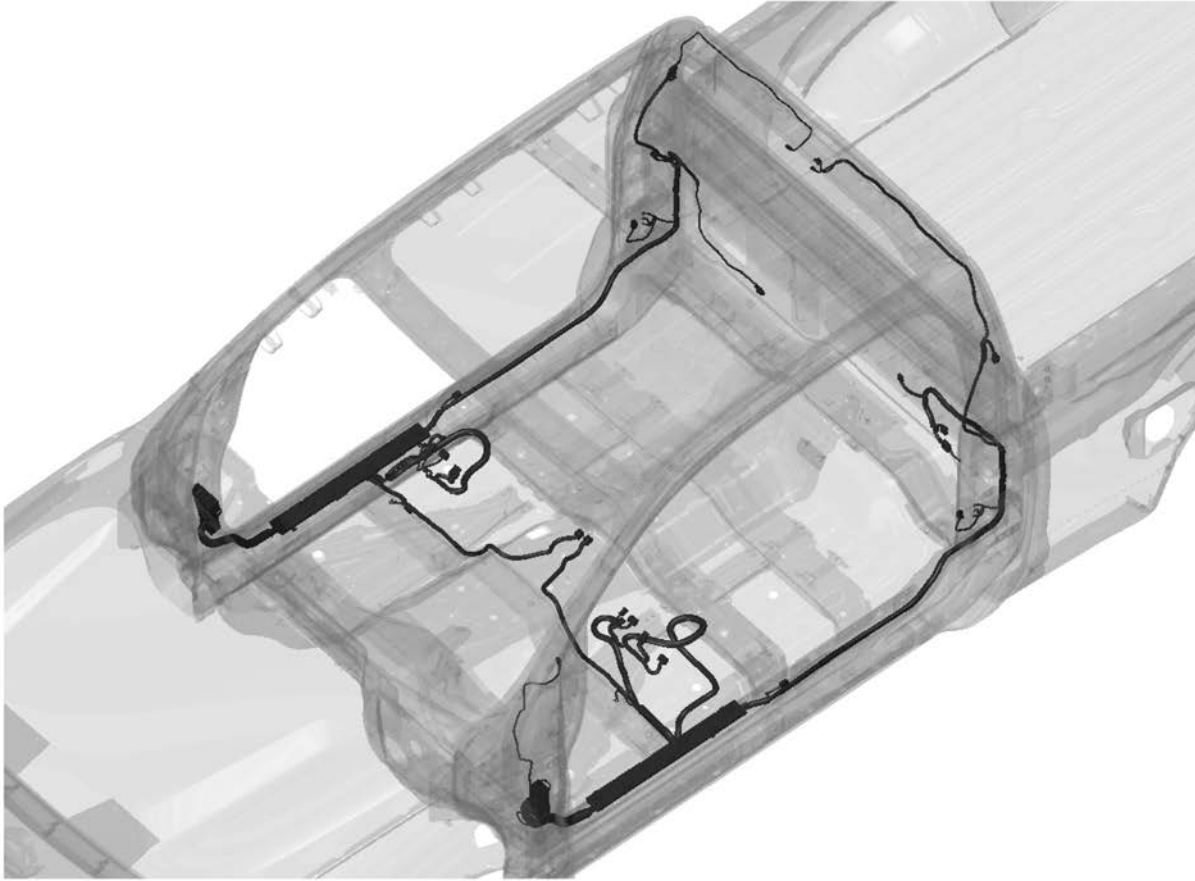
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Body Harness — Crew Cab



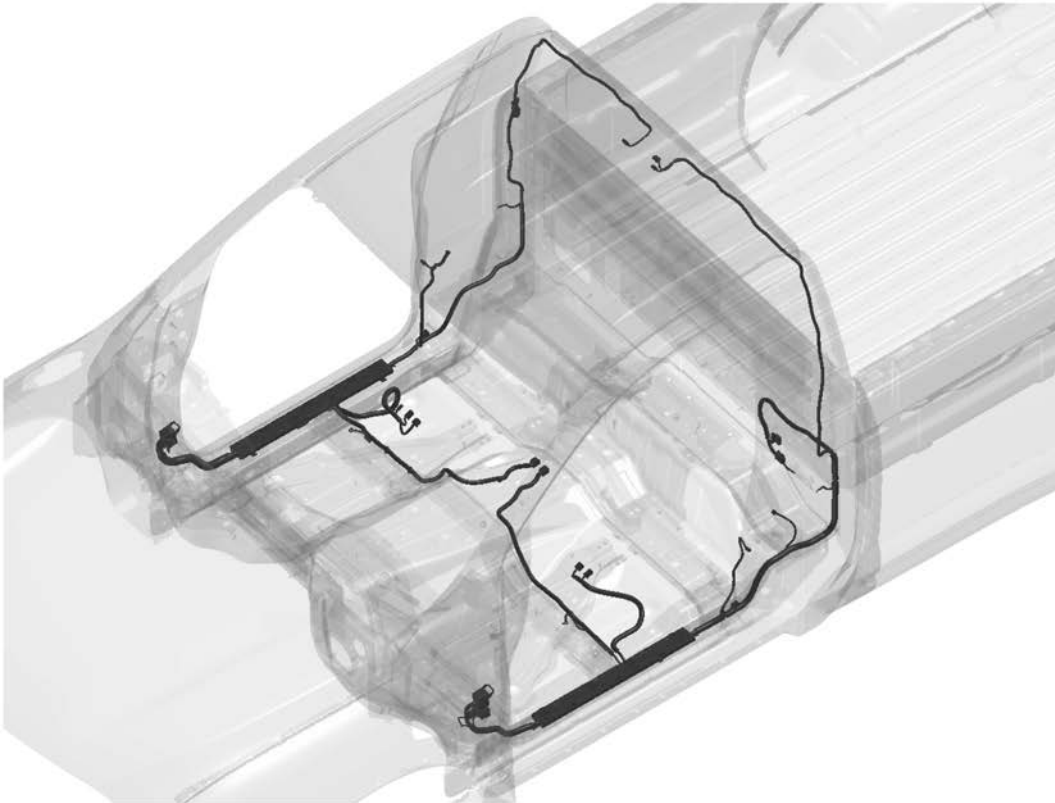
AAZIA0725ZZ

Body Harness — King Cab®



AAZIA0957ZZ

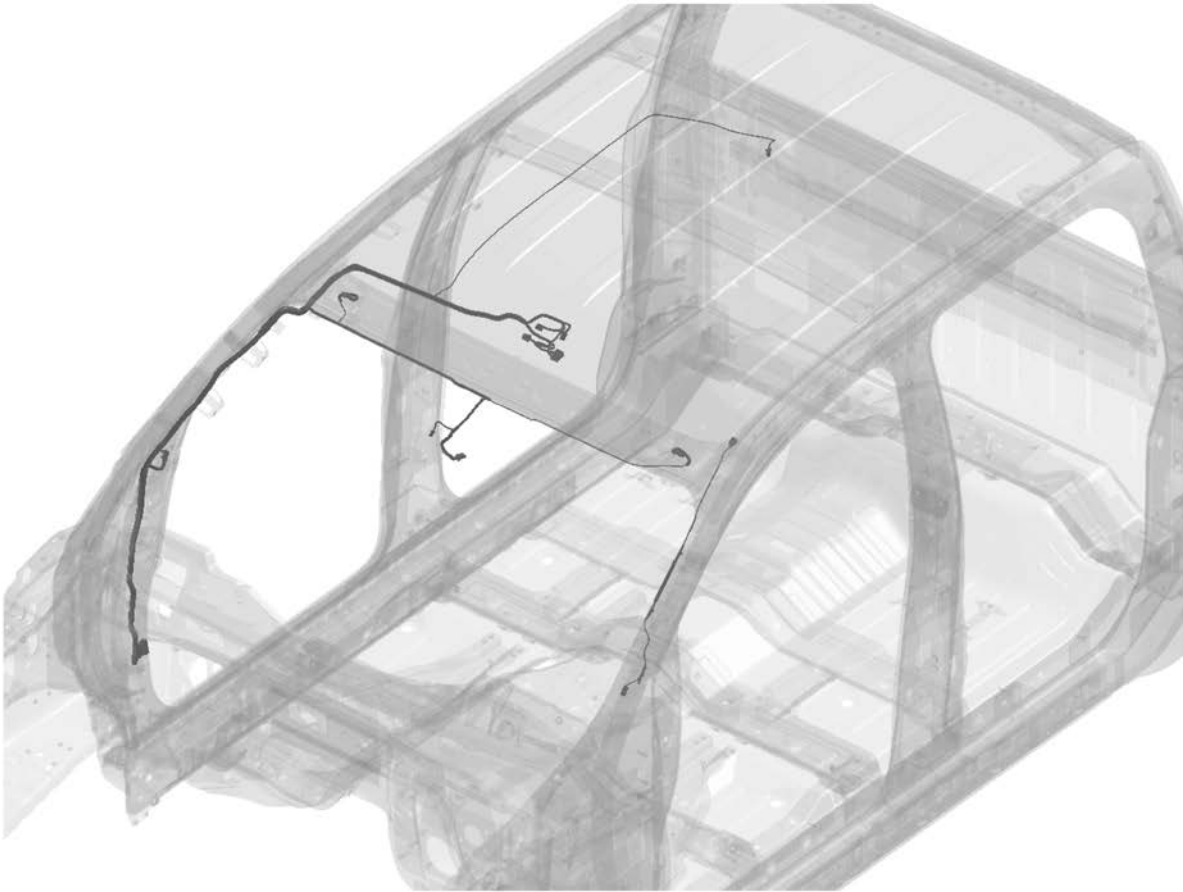
Body Harness — Single Cab



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Room Lamp Harness

Crew cab shown, King Cab® and single cab locations are the same.



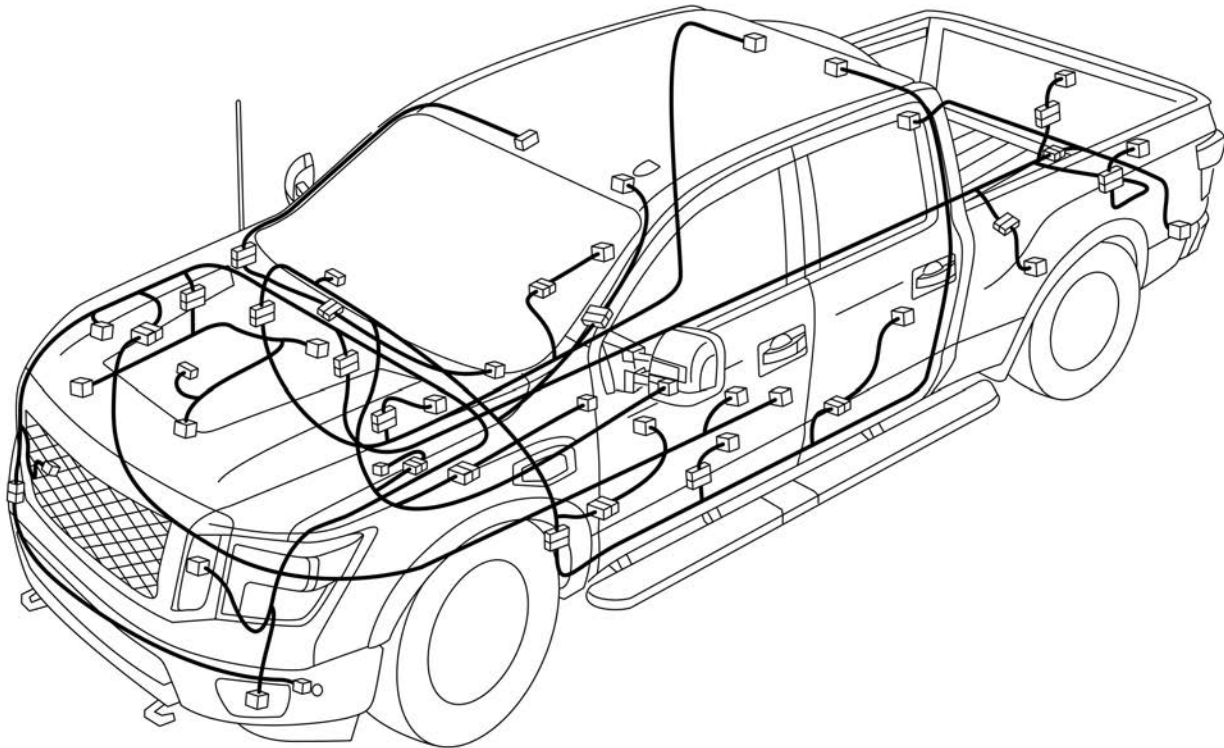
AAZIA0574ZZ

HARNESS LAYOUT (Starting 2020 model year)

Harness Outline — Crew Cab

NOTE:

The harness outline shows all harnesses on the vehicle. The following pages show the harnesses that are fully or partially obstructed from view by sheet metal, trim, etc. Use care when working around harnesses to avoid vehicle damage.

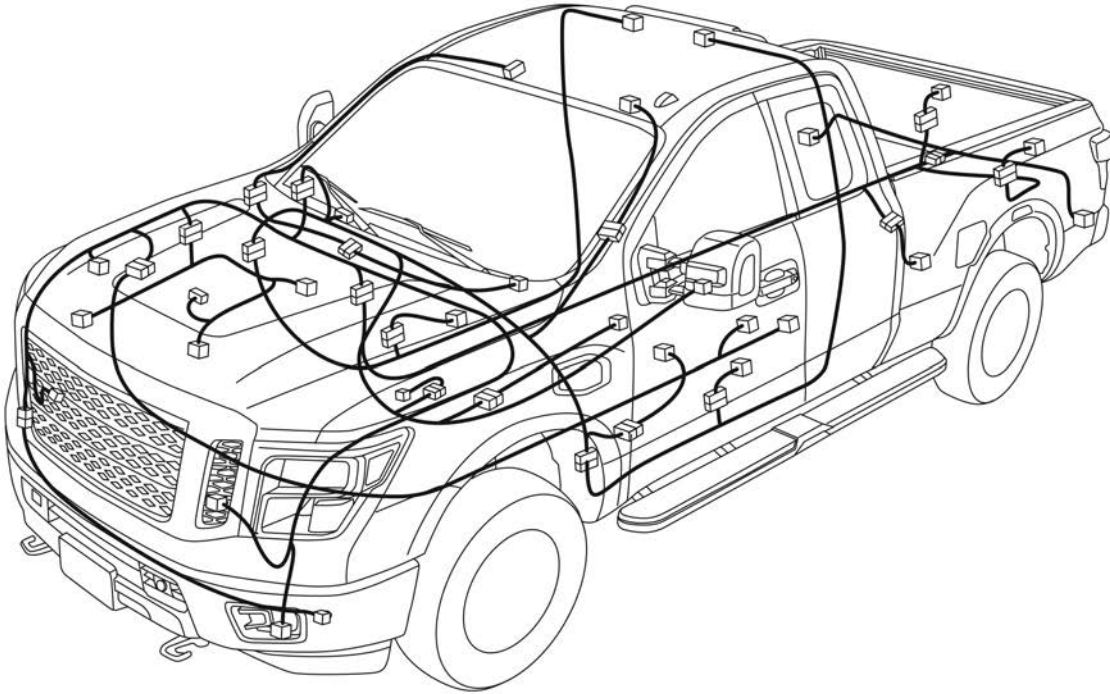


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Harness Outline — King Cab®

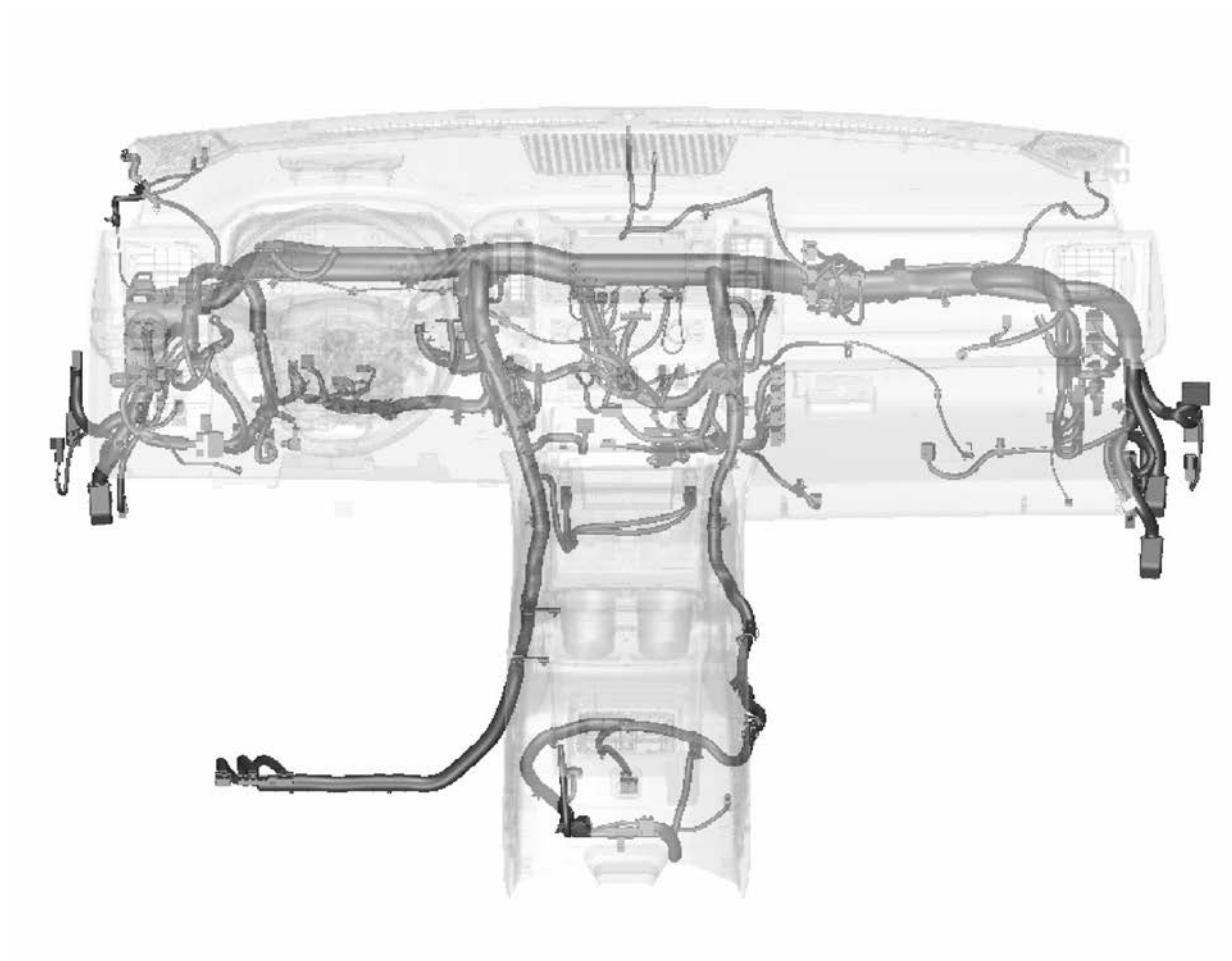
NOTE:

The harness outline shows all harnesses on the vehicle. The following pages show the harnesses that are fully or partially obstructed from view by sheet metal, trim, etc. Use care when working around harnesses to avoid vehicle damage.



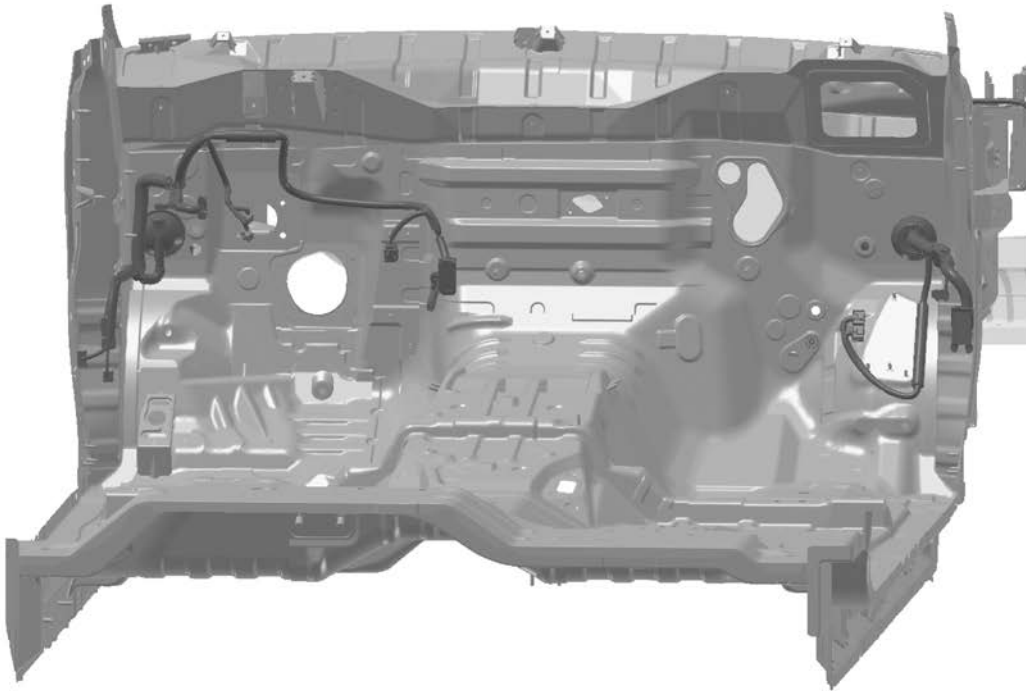
AAZIA0963ZZ

Main Harness



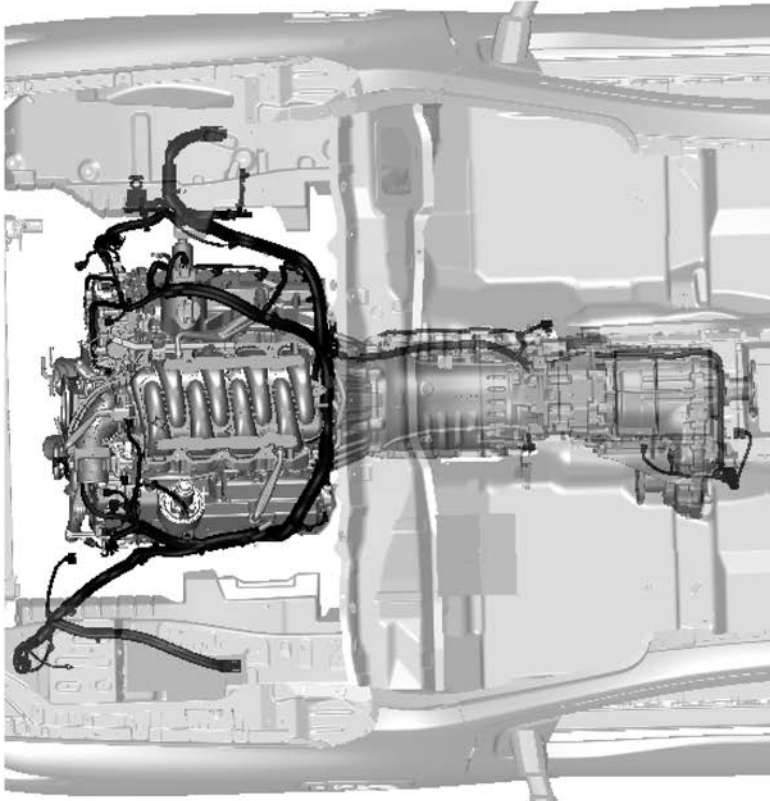
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Engine Room Harness (Passenger Compartment)



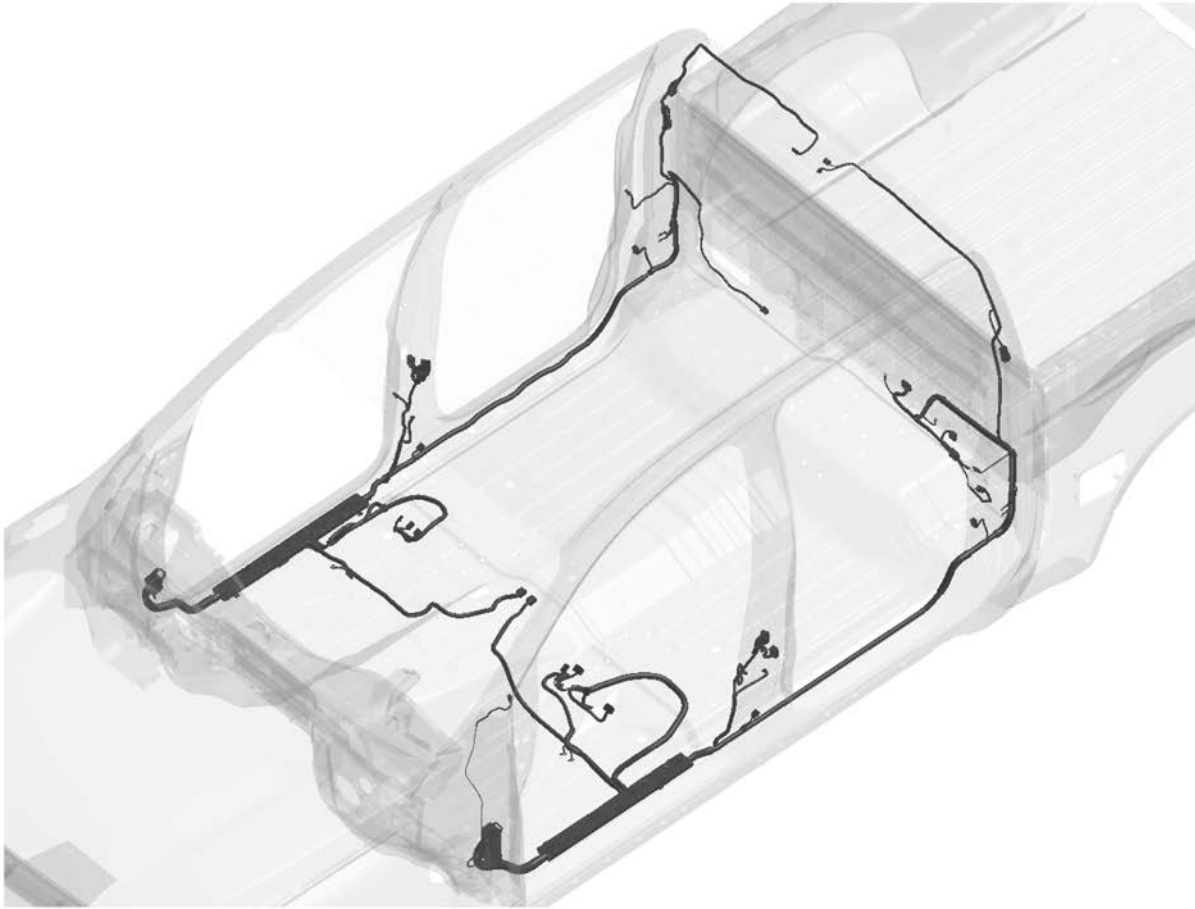
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Engine Control and Engine Control No. 2 Harnesses



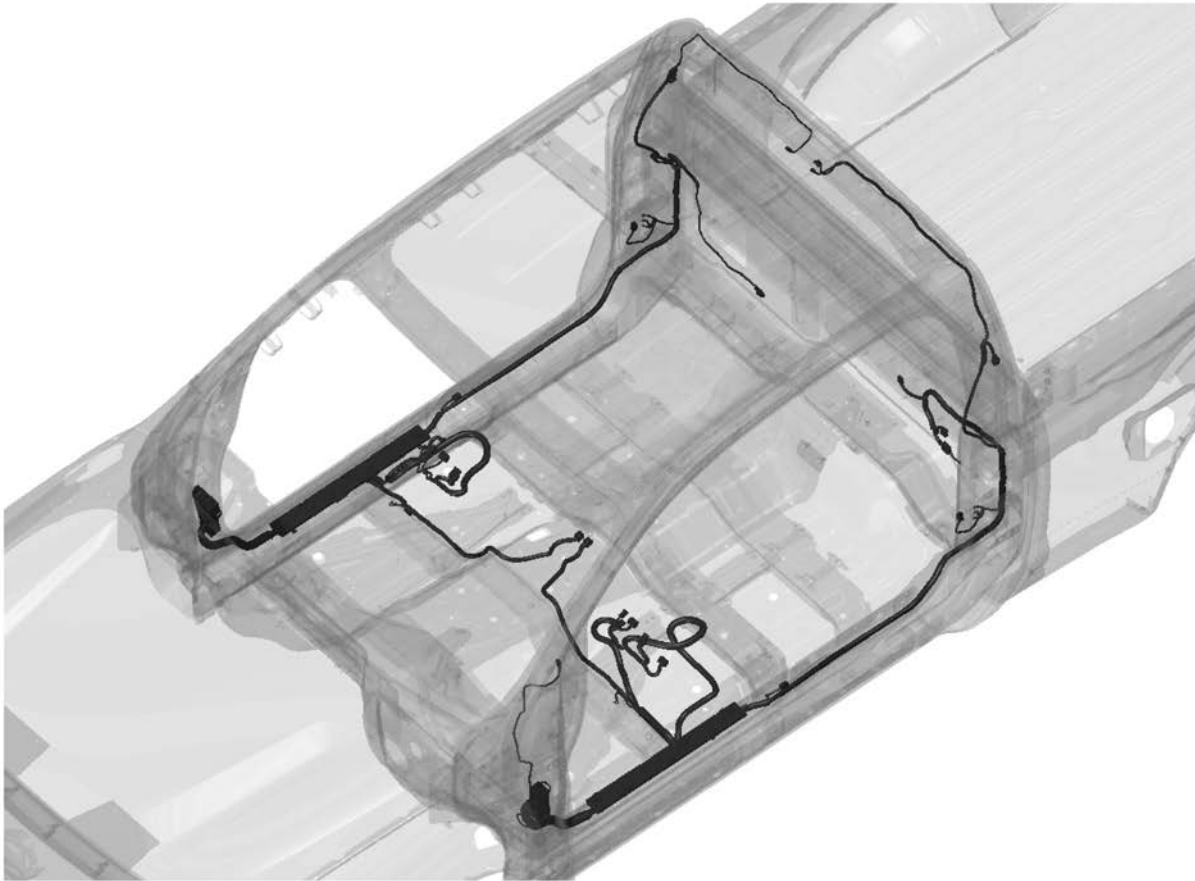
TGAZIA0164ZZ

Body Harness — Crew Cab



AAZIA0725ZZ

Body Harness — King Cab®



AAZIA0957ZZ

Room Lamp Harness

Crew cab shown, King Cab[®] locations are the same.



TGAAZIA0150ZZ

BULBS

Exterior Lamp (2017–2019 Model Years)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	HB3
	Turn signal/parking lamp	28/8	7444NA
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (Halogen)	60	HB3
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	7444NA
	Side marker	5	W5W
Front fog lamp assembly (without LED, Canada only)	Fog lamp	35	H8
	Daytime running lamps	13	P13W
Front fog lamp (with LED)		55	H11
Daytime running lamps (without fog lamp, without LED, Canada only)		13	P13W
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16 (2016-2017 model years) 18 (2018-2019 model years)	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	3.5	L1224R
	Back-up lamp	16 (2016-2017 model years) 18 (2018-2019 model years)	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	16	921
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Exterior Lamp (2020 model year)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	HB3
	Turn signal/parking lamp	28/8	7444NA
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (LED)	—	—
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	7444NA
	Side marker	—	—
Front fog lamp assembly (without LED, Canada only)	Fog lamp	35	H8
	Daytime running lamps	21	W21W
Front fog lamp (with LED)		—	—
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	16	921
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Exterior Lamp (2021 model year)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	HB3
	Turn signal/parking lamp	28/8	7444NA
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (LED)	—	—
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	7444NA
	Side marker	—	—
Front fog lamp assembly (without LED, Canada only)	Fog lamp	35	H8
	Daytime running lamps	21	W21W
Front fog lamp (with LED)		—	—
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	—	—
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	W16W
	Turn signal/Tail lamp	21	WY21W
	Cargo (Tailgate)	16	921
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Exterior Lamp (Starting 2022 model year)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	Hb3
	Turn signal/parking lamp	28/8	T20
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (LED)	—	—
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	WY28/8W
	Side marker	—	—
Front fog lamp (with LED)		—	—
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	16	921
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	W16W
	Turn signal	21	WY21W
	Tail lamp	—	—
	Cargo (Tailgate)	—	—
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (2017-2019 Model Years)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	8	—
Footwell lamp	3.4	158
Vanity lamp	—	—
Glove box lamp	1.4	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (2020 model year)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	—	—
Footwell lamp	3.4	158
Vanity lamp	—	—
Glove box lamp	—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (2021 model year)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	—	—
Footwell lamp	—	—
Vanity lamp	—	—
Glove box lamp	3.4	158

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (Starting 2022 model year)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	—	—
Footwell lamp	—	—
Vanity lamp	1.5	—
Glove box lamp	3.4	158

* Always check with an authorized NISSAN dealer for the latest parts information.

HEADLAMP AIMING

Inspection

NOTE:

The aftermarket equipment manufacturer, second stage manufacturer, and upfitter are responsible for maintaining or restoring the headlamp adjustment after modifications to the vehicle are complete. The upfitter is responsible for maintaining compliance with the Federal or Canadian Motor Vehicle Safety Standards.

Preparation Before Adjusting

Before performing aiming adjustment, check the following:

- Make sure all tires are inflated to correct pressure.
- Place vehicle and screen on level surface.
- Make sure there is no load in vehicle other than the driver (or equivalent weight placed in driver position).
- Coolant and engine oil filled to correct level and fuel tank full.
- Remove cargo and/or luggage to maintain an unloaded vehicle condition.
- Confirm spare tire, jack and tools are properly stowed.
- Carefully wipe off any dirt from the headlamp lens.



CAUTION:

Do not use organic solvent (thinner, gasoline etc.).

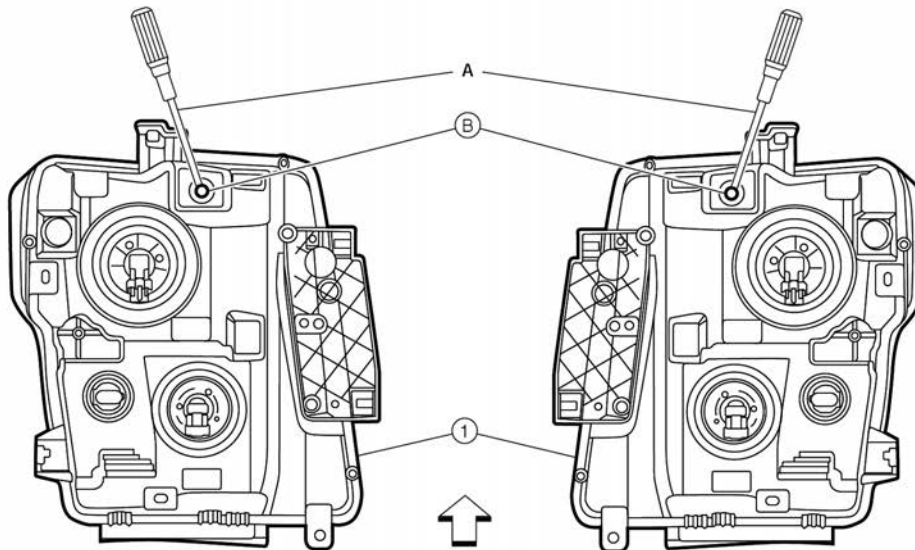
- Place a driver or equivalent weight of 68.5 kg (150 lb) on the driver seat.
- By hand, bounce the front and rear of the vehicle to settle the suspension and eliminate any static load.
- Place the front tires in the straight ahead position.
- Aim each headlamp individually and ensure other headlamp beam pattern is blocked from aiming surface.

NOTE:

- **For headlamp aiming details, refer to regulations in your area.**
- **By regulation, no means for horizontal aim adjustment is provided from the factory; only vertical aim is adjustable.**
- **Perform headlamp aiming if:**
 - **The vehicle front body has been repaired.**
 - **The front combination lamp has been removed or replaced.**
 - **Any outfitting has been installed.**
 - **The vehicle's standard load condition has been substantially increased.**

Aiming Adjustment Screw

Halogen (2017-2021 Model Years)



TGAZIA0354ZZ

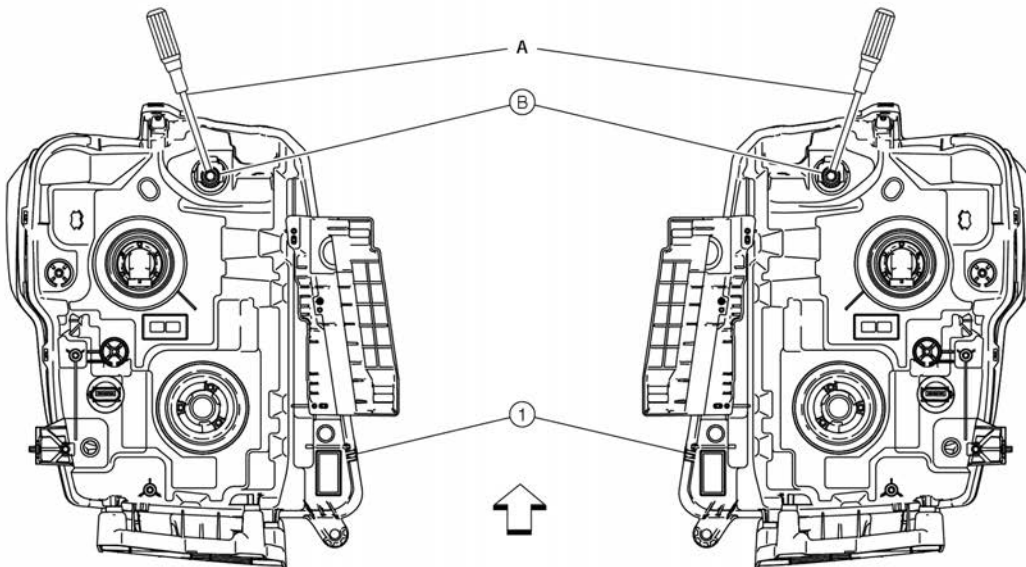
↖: Front

1. Front combination lamp

A. Suitable tool

B. Adjusting screw

Halogen (Starting 2022 Model Year)



TGAZIA0355ZZ

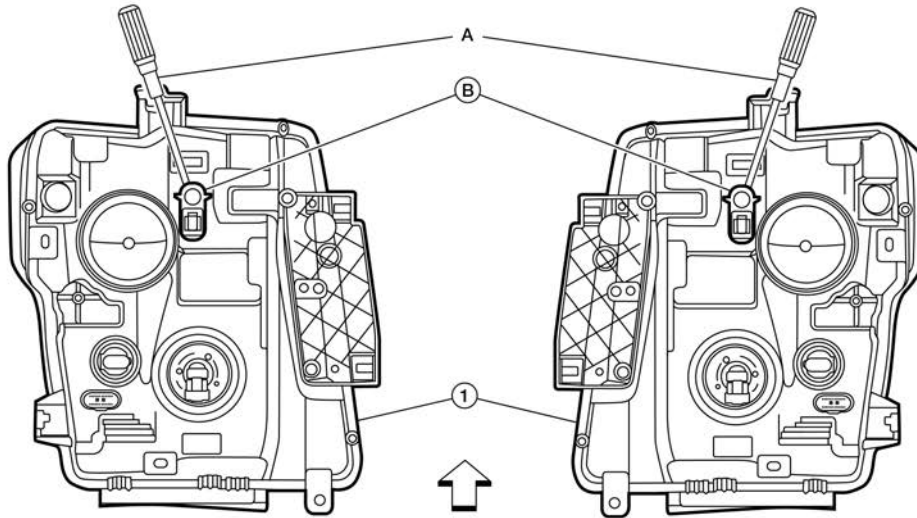
↖: Front

1. Front combination lamp

A. Suitable tool

B. Adjusting screw

LED (2017-2021 Model Years)



AAZIA0609ZZ

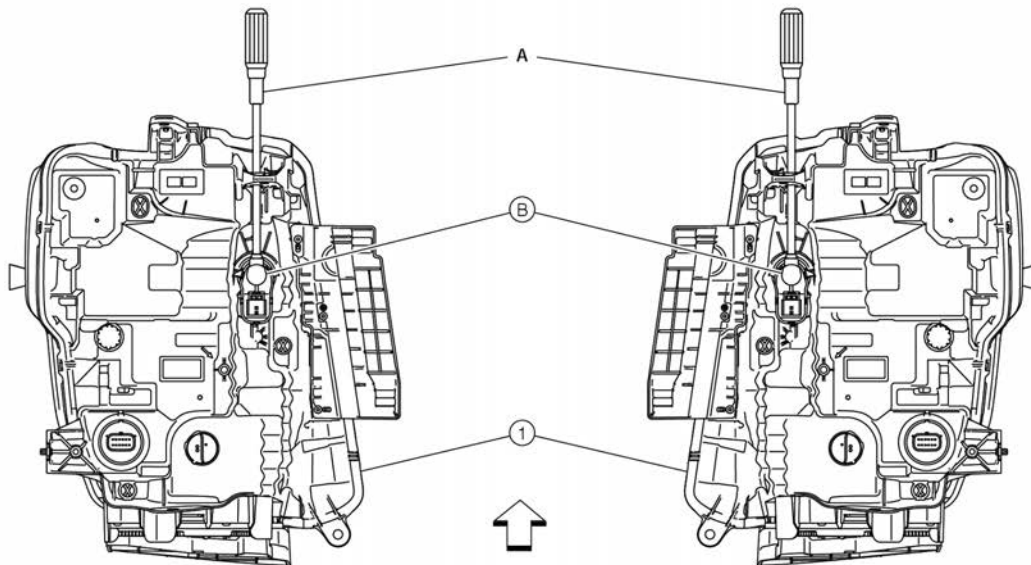
↩: Front

1. Front combination lamp

A. Suitable tool

B. Adjusting screw

LED (Starting 2022 Model Year)



TGAZIA0355ZZ

↩: Front

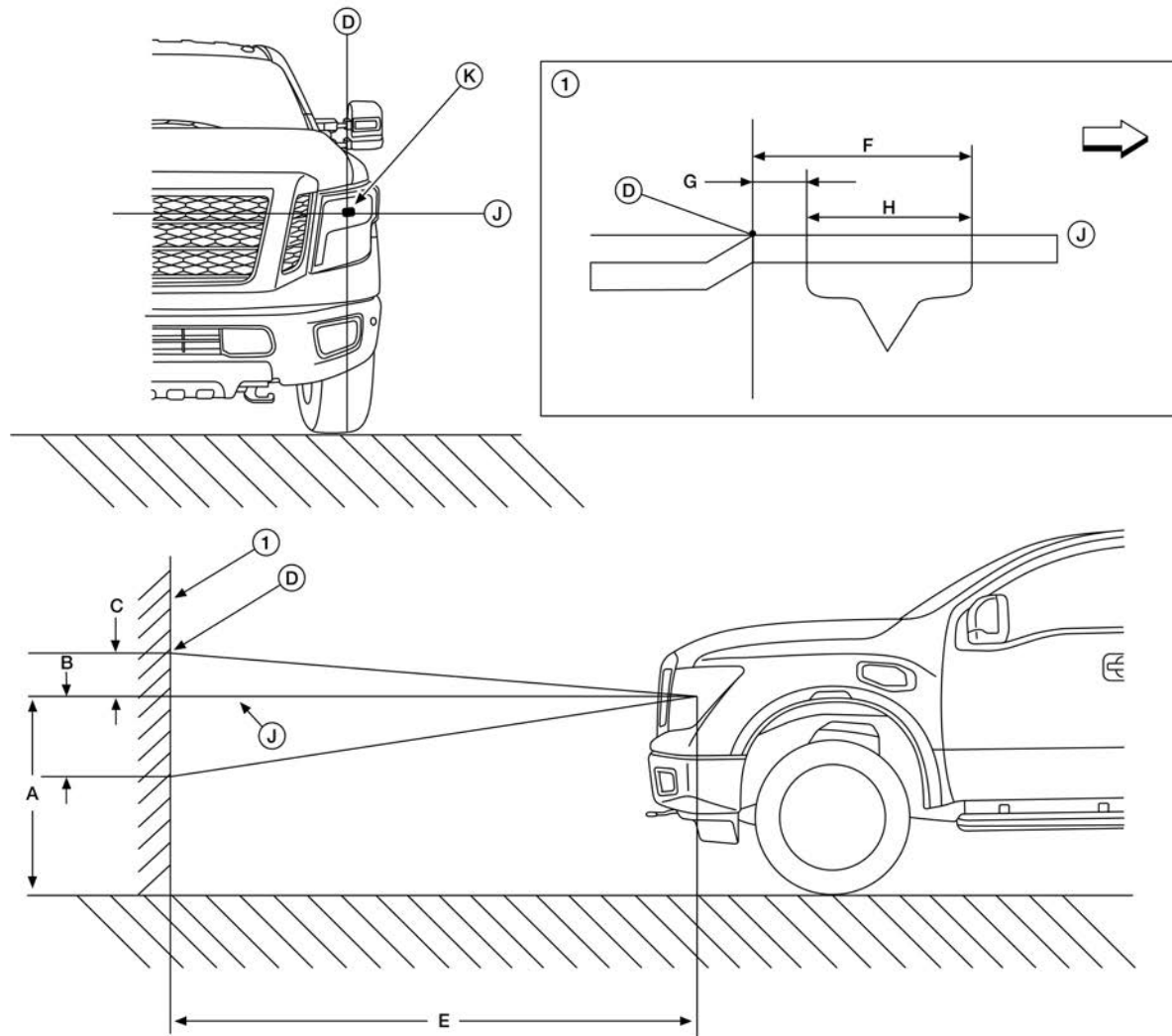
1. Front combination lamp

A. Suitable tool

B. Adjusting screw

Aiming Adjustment Procedure

Halogen Aiming Chart



AAZIA0670ZZ

↩: Right

1. Adjustment screen

C. Maximum cutoff line height
13.2 mm (0.5 in) 0.1° up

F. Maximum aim evaluation
distance from vertical center
on aiming screen 399 mm (15.7
in) [3°R]

J. Horizontal aiming evaluation
line

A. Distance of horizontal aiming
evaluation line from ground

D. Vertical aiming evaluation
line

G. Minimum aim evaluation
distance from vertical center
on aiming screen 133 mm (5.2
in) [1°R]

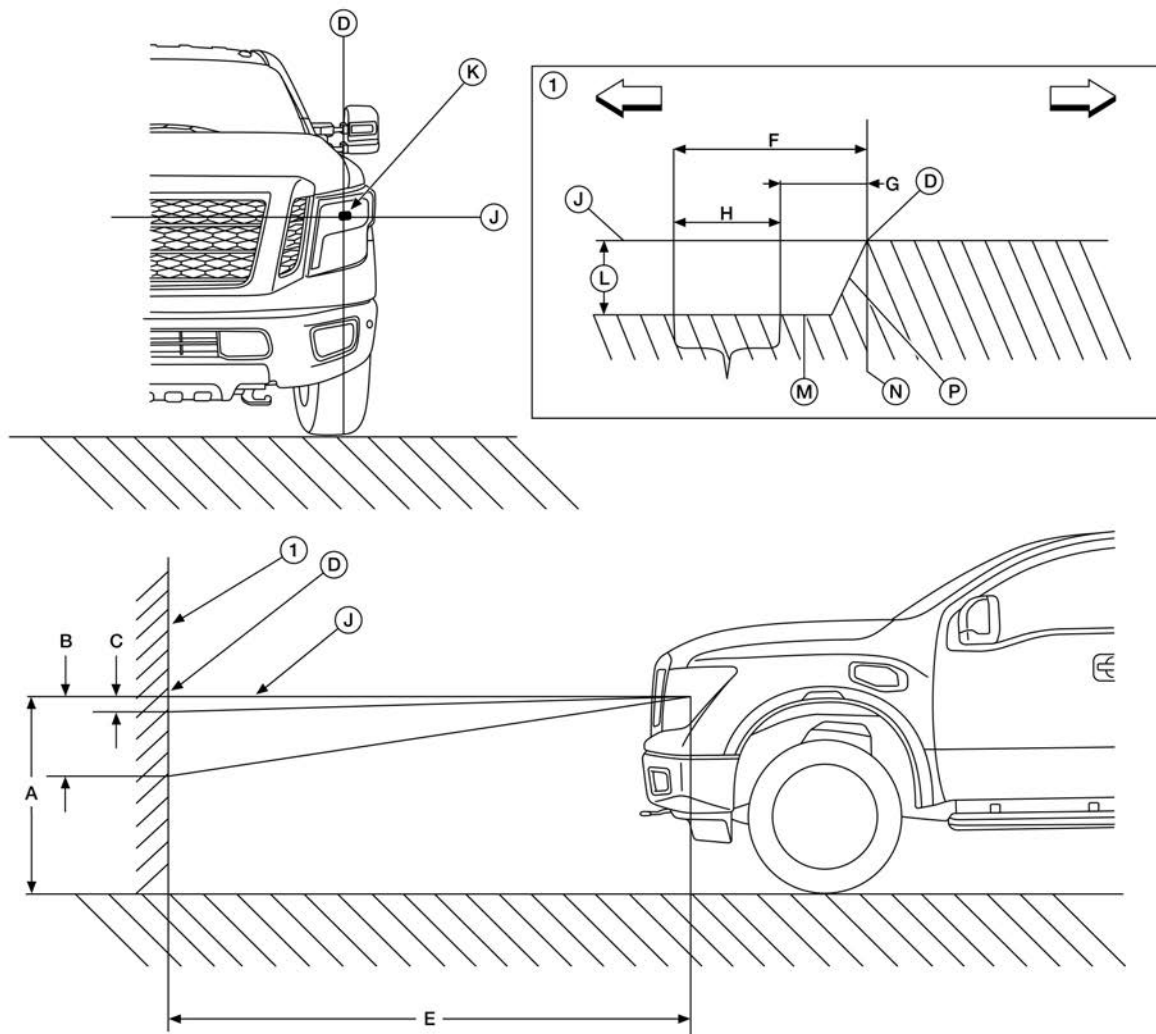
K. Center of headlamp bulb

B. Minimum cutoff line height
53.2 mm (2.1 in) 0.4° down

E. 7.6 m (25 ft)

H. Aim evaluation area

LED Aiming Chart



AAZIA0623ZZ

←: Left/Right

1. Adjustment screen

C. Maximum cutoff line height
13.2 mm (0.5 in) 0.1° down

F. Maximum aim evaluation
distance from vertical center
on aiming screen 466 mm
(18.3 in) [3.5°L]

J. Horizontal aiming evaluation
line

M. Cutoff line

A. Distance of horizontal aiming
evaluation line from ground

D. H-V point

G. Minimum aim evaluation
distance from vertical center
on aiming screen 200 mm
(7.9 in) [1.5°L]

K. Center of headlamp bulb

N. Vertical aiming evaluation
line

B. Minimum cutoff line height
93.1 mm (3.7 in) 0.7° down

E. 7.6 m (25 ft)

H. Aim evaluation area

L. 53.2 mm (2.09 in) 0.4° down

P. Step

Low Beam and High Beam

NOTE:

— Basic illuminating area for evaluation and/or adjustment should be within range shown on aiming chart.

NOTE:

— The vehicle should have its standard load, which may include any outfitting or other equipment. Any load that is normally carried in the vehicle should be in the vehicle while verifying or performing headlamp adjustment. Any other load should be removed.

1. Use adjustment screw to perform aiming adjustment.

Ensure fog lamps are turned off.

2. Block the opposite headlamp from projecting a beam pattern onto the adjustment screen, using a suitable object. Aim each headlamp individually.

**CAUTION:**

Do not cover the lens surface with tape, etc.

3. Place the screen on the same level and flat surface as the vehicle.

NOTE:

Surface should be free of any debris that would cause a difference between the headlamp center and the adjustment screen.

4. Face the front of the vehicle to the screen and measure distance between the headlamp center and the screen surface. Distance between the headlamp center and the screen (E): 7.6 m (25 ft).
5. Start the engine. Turn the headlamp on.
6. Determine the preferred vertical aim range dimensions, using the aiming chart.
7. Measure the projected beam within the aim evaluation segment on the screen.
8. Adjust the beam pattern of each headlamp until the aim evaluation segment (the area relative to both the highest and lowest cutoff line height) is positioned within the vertical aim range dimensions shown on the aiming chart.

FOG LAMP AIMING

Inspection

NOTE:

The aftermarket equipment manufacturer, second stage manufacturer, and upfitter are responsible for maintaining or restoring the headlamp adjustment after modifications to the vehicle are complete. The upfitter is responsible for maintaining compliance with the Federal or Canadian Motor Vehicle Safety Standards.

Preparation Before Adjusting

The fog lamp is a semi-sealed beam type which uses either a replaceable halogen bulb or a non-replaceable LED bulb (depending on the model). Before performing aiming adjustment, check the following:

- Make sure all tires are inflated to correct pressure.
- Place vehicle and screen on level surface.
- Make sure there is no load in vehicle other than the driver (or equivalent weight placed in driver position).
- Coolant and engine oil filled to correct level and fuel tank full.
- Remove cargo and/or luggage to maintain an unloaded vehicle condition.
- Confirm spare tire, jack and tools are properly stowed.
- Carefully wipe off any dirt from the fog lamp lens.



CAUTION:

Do not use organic solvent (thinner, gasoline etc.).

- Place a driver or equivalent weight of 68.5 kg (150 lb) on the driver seat.
- By hand, bounce the front and rear of the vehicle to settle the suspension and eliminate any static load.
- Place the front tires in the straight ahead position.
- Aim each headlamp individually and ensure other headlamp beam pattern is blocked from aiming surface.

NOTE:

- **For fog lamp aiming details, refer to regulations in your area.**
- **By regulation, no means for horizontal aim adjustment is provided from the factory; only vertical aim is adjustable.**
- **Perform fog lamp aiming if:**
 - **The vehicle front body has been repaired.**
 - **The front fog lamp has been removed or replaced.**
 - **Any outfitting has been installed.**
 - **The vehicle's standard load condition has been substantially increased.**

FRONT FOG LAMP AIMING

Aiming Adjustment Procedure (Halogen shown, LED Similar)

NOTE:

Check the following conditions before performing the aiming adjustment.

- Keep all tires inflated to correct pressure.
- Place vehicle on level ground.
- See that vehicle is unloaded (except for full levels of coolant, engine oil and fuel, and spare tire, jack, and tools). Have driver or equivalent weight placed in driver seat.
- When performing adjustment, if necessary, cover the headlamps and opposite fog lamp.

1. Place the screen.

NOTE:

- Stop the Vehicle facing the wall.
- Place the board on a plain road vertically.
 2. Face the vehicle at the screen. Maintain 7.62 m (25.00 ft) between the front fog lamp center and the screen.
 3. Start the engine. Turn the front fog lamps ON.

NOTE:

Block the headlamp light with the board to prevent from illuminating the adjustment screen.



CAUTION:

Do not cover the lens surface with a tape etc. The lens is made of resin.

4. Adjust aiming by turning the adjusting screw (A) with suitable tool (B).

NOTE:

LH shown, RH similar

(1) Front fog lamp assembly

5. Adjust the cutoff line height (X) with the aiming adjustment screw so that the distance (X) between the horizontal center line of the front fog lamp (H) and cutoff line (A) becomes 100 mm (4 in).

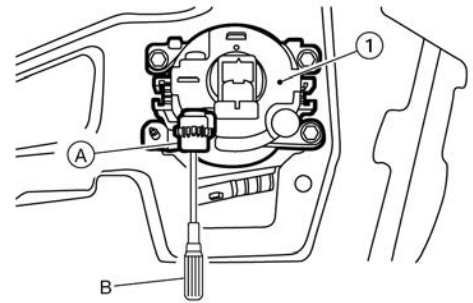
(A) Cutoff line

(B) High illuminance area

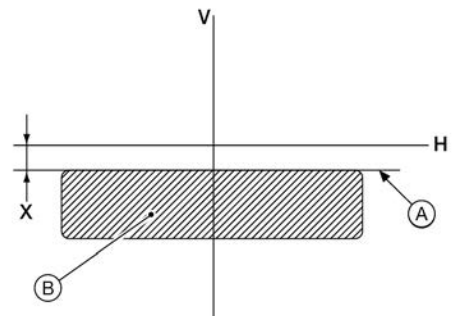
(H) Horizontal center line of front fog lamp

(V) Vertical center line of front fog lamp

(X) Cutoff line height



TGAZIA0151ZZ



TGAZIA0152ZZ

REGULATIONS FOR ADDING COMMUNICATION EQUIPMENT

FCC Regulations

The FCC rules and regulations are compiled in Title 47 of the Code of Federal Regulations (CFR). They are initially published in the Federal Register. After October 1 of each year, the GPO compiles all the changes, additions, and deletions to the FCC rules and publishes an updated CFR. Refer to the FCC website for the most up-to-date information. The rules are provided in text version and in portable document format (PDF) and can be viewed using the Adobe Acrobat Reader. The FCC does not maintain a database of its rules nor does it print or stock copies of the rules and regulations. To order a copy of Title 47 of the Code of Federal Regulations visit:

www.fcc.gov/encyclopedia/rules-regulations-title-47

FCC Notice:

For USA:

These devices must comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. The device may not cause harmful interference.
2. The device must accept any interference received, including interference that may cause undesired operation.

NOTE:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For Canada:

These devices must comply with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

1. The device may not cause interference.
2. The device must accept any interference, including interference that may cause undesired operation of the device.

ADDING LIGHTS OR DEVICES

Added Lights or Accessories Controlled By Added Switches

This section describes the connection points for added electrical accessories when these accessories are to be controlled by added switches not a part of the Nissan released vehicle. The added switches and wiring must have sufficient electrical capacity for the accessory load and must be protected by appropriate fuses or circuit breakers. Also, added current draw must not cause total loads to exceed capabilities of the base vehicle wiring.

Electrical Wiring — Adding Lights or Electrical Devices



CAUTION:

Improper electrical tie-ins may affect vehicle operation (i.e., engine, transmission). After all electrical or vehicle modifications, confirm that no Diagnostic Trouble Codes (DTCs) are present. If DTCs are generated, perform the appropriate diagnostic procedures and repairs. Vehicle operation (engine/transmission) may be affected if DTCs are not serviced.

Disconnect the battery negative (ground) cable prior to any vehicle modification. Upon completion of body or equipment installation, all wiring should be checked for proper routing, etc. to preclude electrical shorts upon reconnecting the battery negative cable.

Connect only to the upfitter connections identified throughout this guide. Connecting to any component or wires other than those identified may adversely affect other systems and their operation.

NOTE:

Ignition switch OFF. Wait at least 2 minutes before removing the 12V battery terminal to avoid setting any DTCs.

Radio Frequency Interference (RFI)

During modifications to the vehicle, manufacturers, service technicians, owners and users should take the necessary precautions to maintain the RFI integrity of components. (Both the United States and Canada have RFI regulations in effect.) Precautionary procedures and components listed below are examples and do not necessarily represent a complete list.

1. All components required to suppress RFI emissions, which are removed during service, repair, or modification to the vehicle, must be reinstalled in the manner in which they were installed by Nissan.
2. Do not modify or change any RF device in a manner not expressly approved by Nissan.
3. Shields on ignition components must remain installed.
4. Replacement of ignition components which are not OEM is not recommended by Nissan.
5. Electrical grounds on all components must be retained.
6. Metallic components installed on the body or chassis must be grounded to the chassis.
7. Electrical circuits added to the vehicle should not be installed near the ignition components.
8. Only "static conductive" accessory drive belts should be used.
9. Drive belts should be of the OEM type or equivalent that will not build up a static electrical charge.
10. Additional measures may be needed to adequately suppress RFI emissions.
11. Failure to follow these guidelines could result in interference to factory systems such as (but not limited to) the tire pressure monitoring system (TPMS).

INVERTER SYSTEM

Description

AC 120-volt Power Outlet

The AC 120-volt outlets are for devices up to 400-watt. There are 2 operating modes for the inverter system:

1. High power mode for devices between 150-watt and 400-watt which can only be used when the vehicle is in Park (P) with the engine running.
2. Low power mode for devices less than 150-watt which can be used anytime the ignition is in the ON position.



CAUTION:

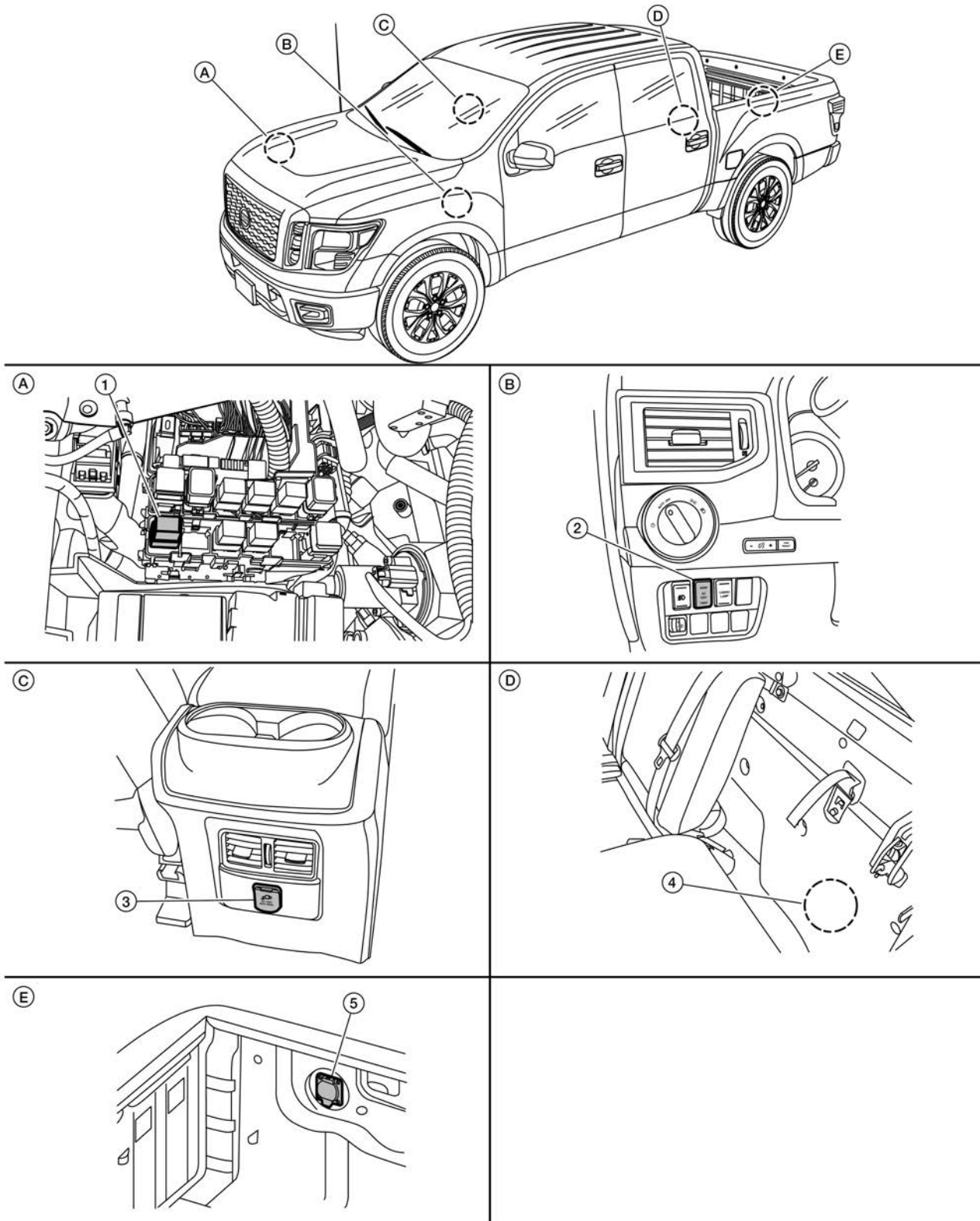
Operation of the 120-volt system with the ignition in the ON position and the engine not running (idle) will drain the battery charge. This could lead to a dead battery or no start condition.

Do not exceed maximum capacity or use adapters to connect more than one electrical accessory.

NOTE:

Replacement of the OEM inverter with anything other than a Genuine NISSAN specified part is not authorized.

Component Parts Location (2017-2019 Model Years)

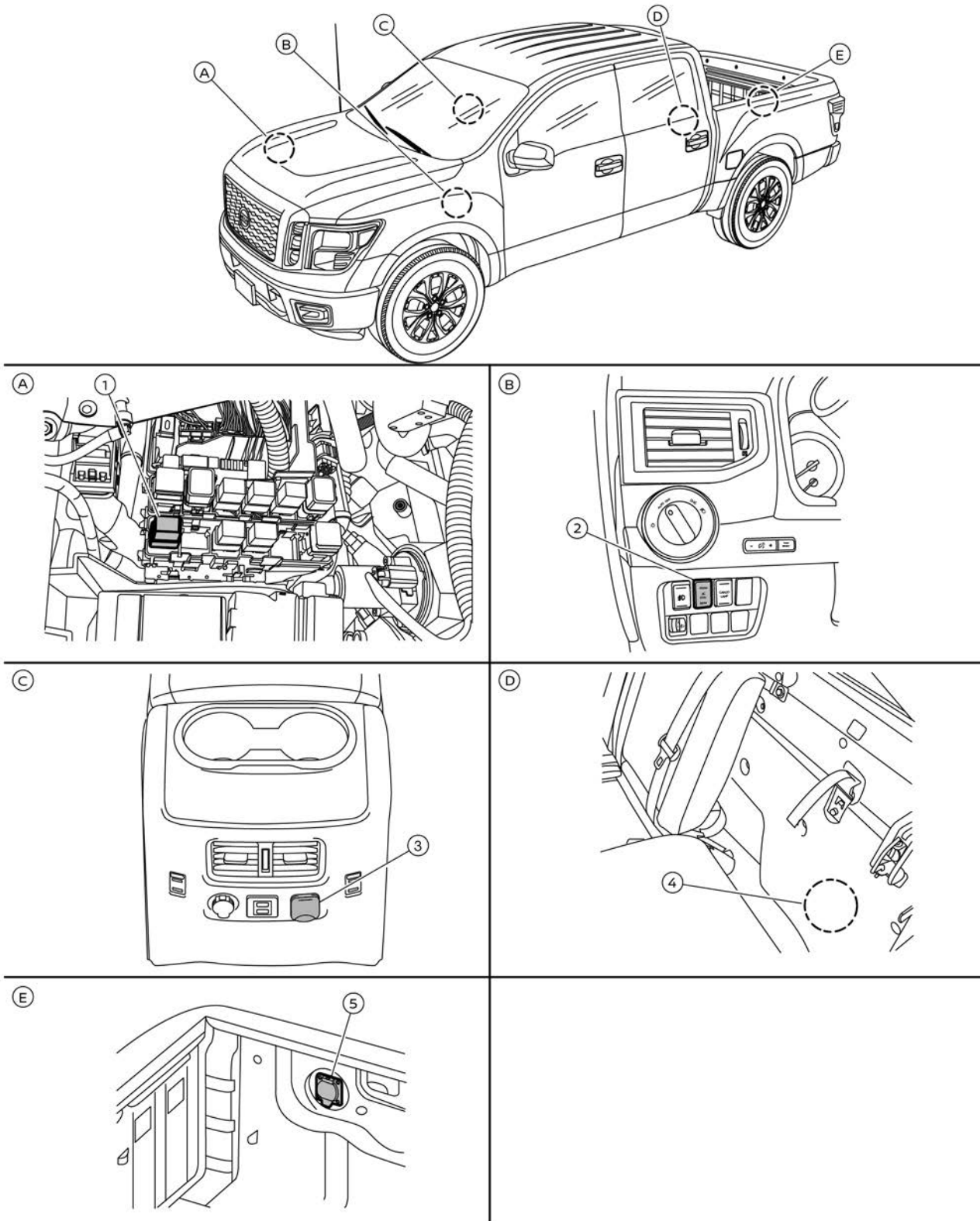


AAZIA0710ZZ

Crew cab shown, locations same in single cab and King Cab®.

- | | | |
|--|-----------------------------------|--|
| 1. Inverter relay (view with relay box cover removed) | 2. AC 120-volt outlet main switch | 3. AC 120-volt outlet cab (rear of center console) (crew cab and King Cab® only) |
| 4. Inverter unit (crew cab shown, location same in King Cab® and single cab) | 5. AC 120-volt outlet bed | |

Component Parts Location (Starting 2020 Model Year)



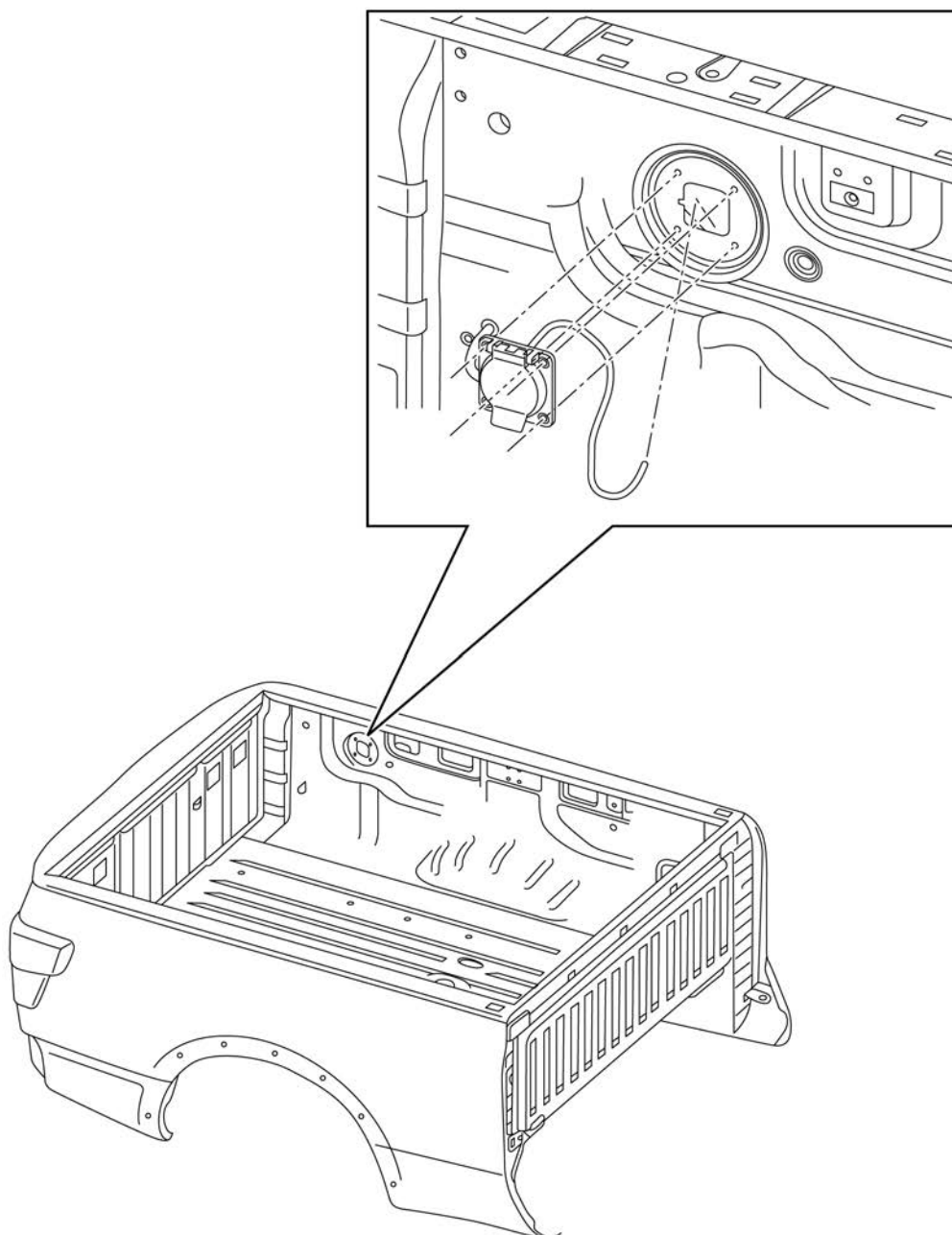
TGAZIA0156ZZ

Crew cab shown, locations same in King Cab[®].

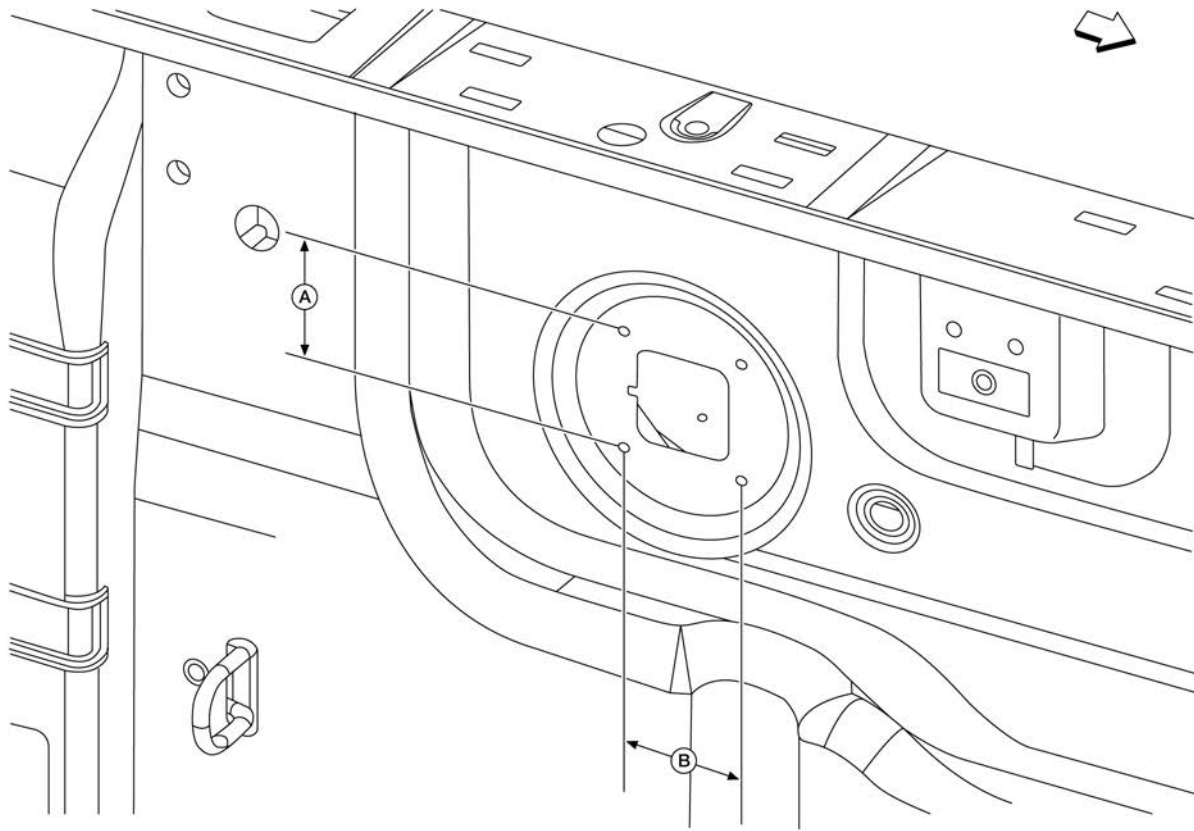
- | | | |
|--|-----------------------------------|--|
| 1. Inverter relay (view with relay box cover removed) | 2. AC 120-volt outlet main switch | 3. AC 120-volt outlet cab (rear of center console) |
| 4. Inverter unit (crew cab shown, location same in King Cab [®]) | 5. AC 120-volt outlet bed | |

Bed Mounted AC 120-volt Power Outlet

The bed mounted AC 120-volt power outlet is located in the rear driver side of the truck bed and is secured in place with four rivets.



AAZIA0511ZZ



AAZIA0519ZZ

↔: Front of vehicle.

A: 66 mm (2.6 in)

B: 66 mm (2.6 in)

INVERTER SPECIFICATIONS

Rated voltage output		AC 120-volt (±10%)
Operating voltage range		DC 11.5-volt to 15-volt (Inverter terminal)
Rated power output	Low power mode	150-watt
	High power mode	400-watt
Output over-current protection	High power mode	3.7A or more
Input over-current protection	Low power mode	13.3A or more
Output frequency		60Hz (±10%)
Parasitic current		Less than 1 mA
Max. input current		45A (during continuous power)
Rated continuous power		400-watt @ 40°C (104°F) Maximum
Overheat protection (Thermistor)		100°C (212°F)

REMOTE KEYLESS ENTRY SYSTEM

System Description

If a key fob is lost, a new key fob can be set up. A maximum of four Intelligent Keys can be set up simultaneously.

Key fob ID Setup

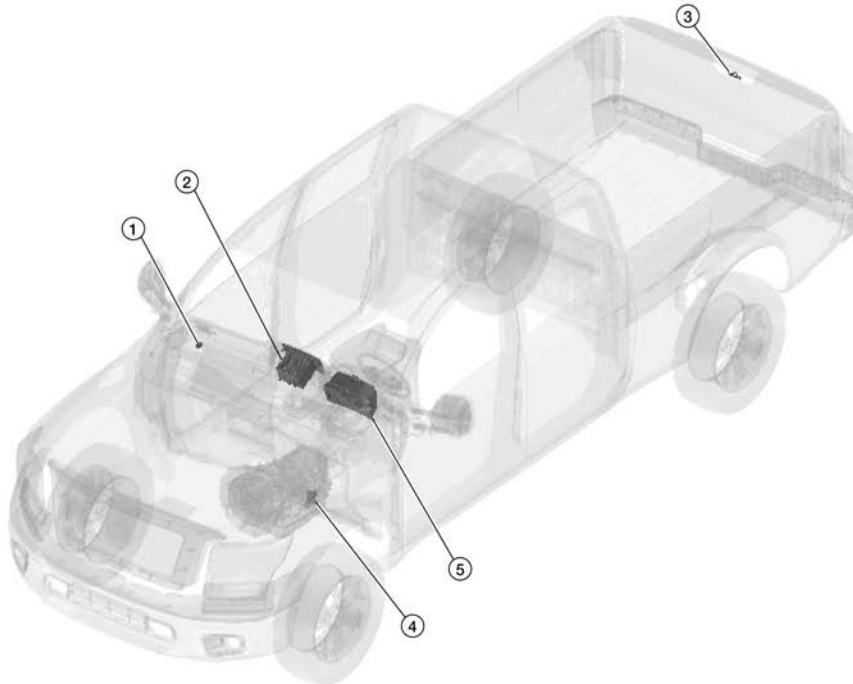
For key fob ID set up and programming, it is recommended to go to an authorized NISSAN dealer.

NOTE:

All key fobs must be brought to the dealer even if only one key fob needs to be reprogrammed. Failure to do so will result in all of the pre-existing key fobs, other than the one being reprogrammed, becoming inoperative.

REAR VIEW MONITOR SYSTEM

Component Parts Location



AAZIA0578ZZ

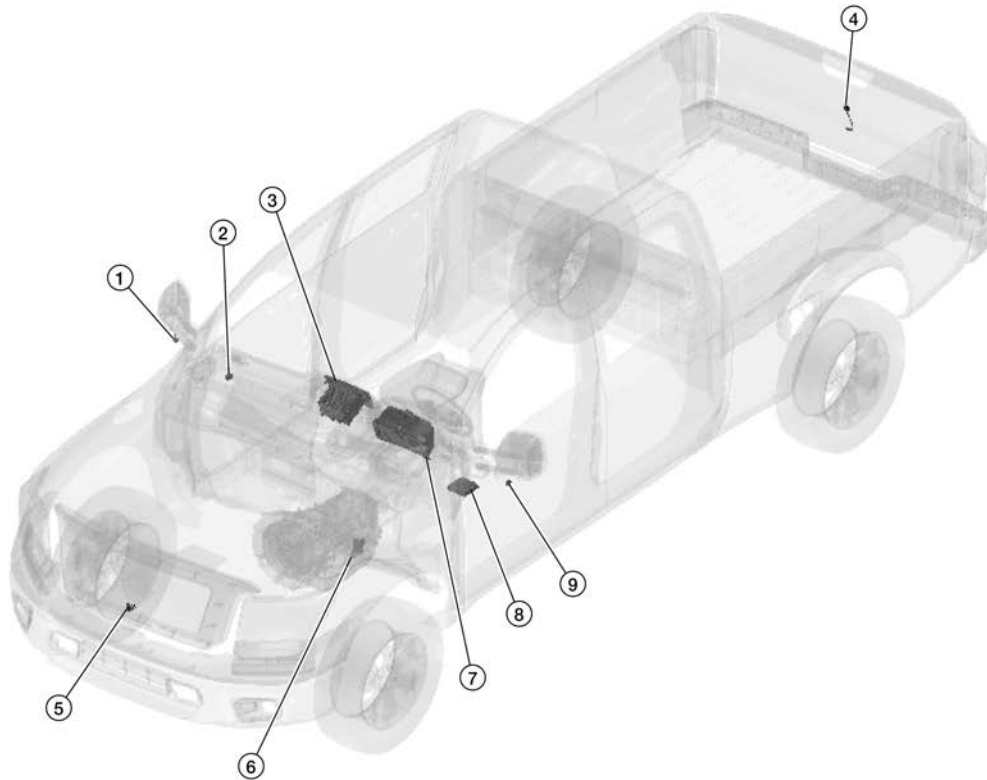
- | | | |
|------------------------------|----------------------|---------------------|
| 1. Back-up lamp relay | 2. AV control unit | 3. Rear view camera |
| 4. Transmission range switch | 5. Combination meter | |

NOTE:

If any monitor system related component is removed and/or relocated it must be recalibrated. It is recommended you visit a NISSAN dealer for this service.

AROUND VIEW® MONITOR SYSTEM – CREW CAB

Component Parts Location



AAZIA0579ZZ

- | | | |
|----------------------|-------------------------------------|------------------------------|
| 1. Door mirror RH | 2. Back up lamp relay | 3. AV control unit |
| 4. Rear view camera | 5. Front camera | 6. Transmission range switch |
| 7. Combination meter | 8. Around view monitor control unit | 9. Door mirror LH |

NOTE:

If any monitor system related component is removed and/or relocated it must be recalibrated. It is recommended you visit a NISSAN dealer for this service.

FUEL SYSTEMS

FUEL SYSTEM PRECAUTIONS

General

Modifications in the fuel system are not recommended, either in the circuit or the components.



WARNING:

When replacing fuel line parts, be sure to observe the following:

- Put a "CAUTION: FLAMMABLE" sign in the workshop.
- Be sure to work in a well-ventilated area and furnish workshop with a CO2 fire extinguisher.
- Do not smoke while servicing fuel system. Keep open flames and sparks away from the work area.

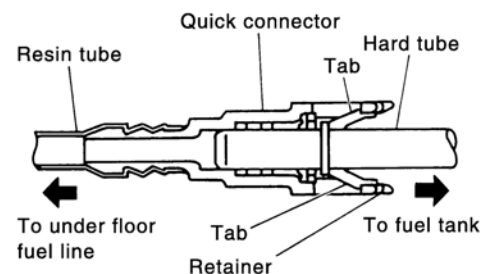


WARNING:

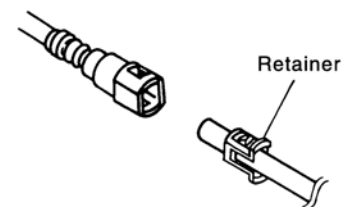
Before removing fuel line parts, carry out the following procedures:

- Put drained fuel in an explosion-proof container and put the lid on securely. Keep the container in safe area.
- Release fuel pressure from the fuel lines. Refer to the [Fuel Pressure Release Procedure \(pg. 459\)](#) in this section.
- Disconnect the battery negative terminal.
- Always replace O-rings and clamps with new ones.
- Do not kink or twist hoses when they are being installed.
- After connecting the fuel tube quick connectors, make sure the quick connectors are secure. Ensure that the connector and resin tube do not contact any adjacent parts.
- After installing tubes, make sure there is no fuel leakage at connections in the following steps:
 - Ignition switch ON to apply fuel pressure to the fuel lines (with engine stopped). Then check for fuel leaks at connections.
 - Start the engine and rev it up and check for fuel leaks at connections.
- Use only a Genuine NISSAN fuel filler cap as a replacement. If an incorrect fuel filler cap is used, the MIL may come on.
- For servicing Evaporative Emission System parts, refer to the EC section in the service manual.
- For servicing On Board Refueling Vapor Recovery (ORVR) parts, refer to the EC section in the service manual.

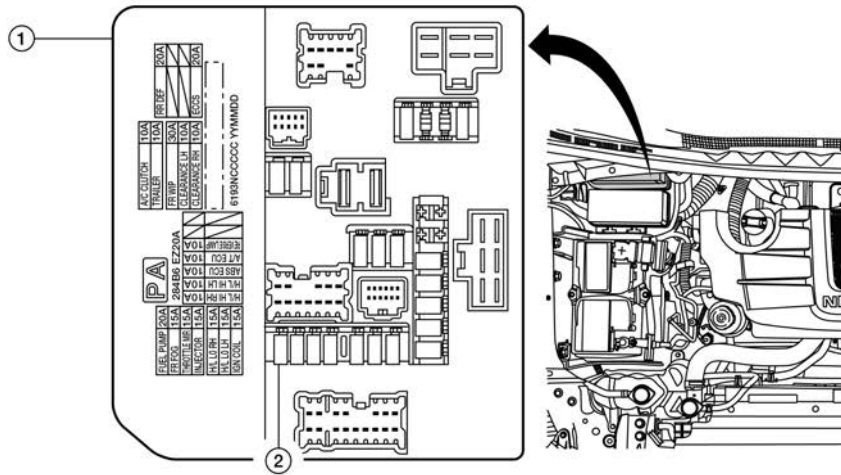
Connection (cross-section)



Disconnection



Fuel Pressure Release Procedure



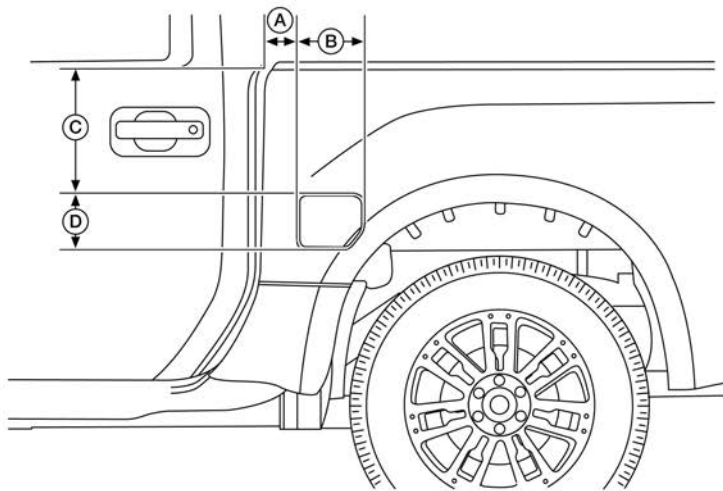
AAZIA0708ZZ

1. Intelligent Power Distribution Module Engine Room (IPDM E/R) 2. Fuel pump fuse

1. Remove fuel pump fuse located in IPDM E/R . Refer to [Fuse and Relays – Engine Compartment \(VK56VD \[5.6L\]\) \(pg. 393\)](#) for fuse layout.
2. Start engine.
3. After engine stalls, crank it two or three times to release all fuel pressure.
4. Ignition switch OFF.
5. Reinstall fuel pump fuse after servicing fuel system.

FILLER NECK AREAS

Crew Cab



AAZIA0685ZZ

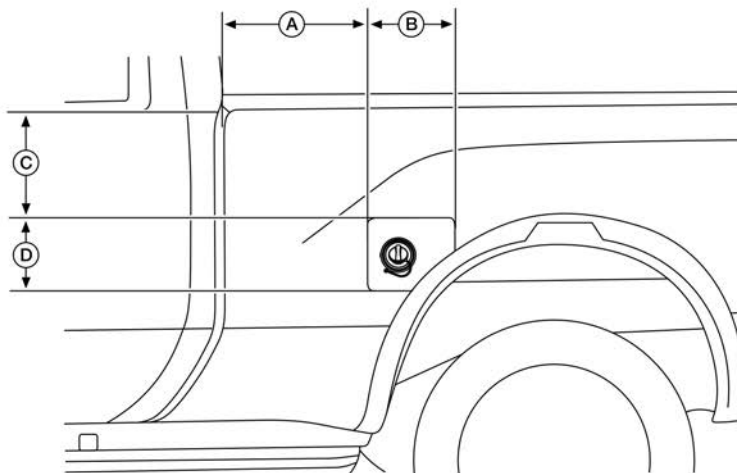
A. 105 mm (4.13 in)

B. 182 mm (7.17 in)

C. 360 mm (14.17 in)

D. 144 mm (5.67 in)

King Cab®



AAZIA0943ZZ

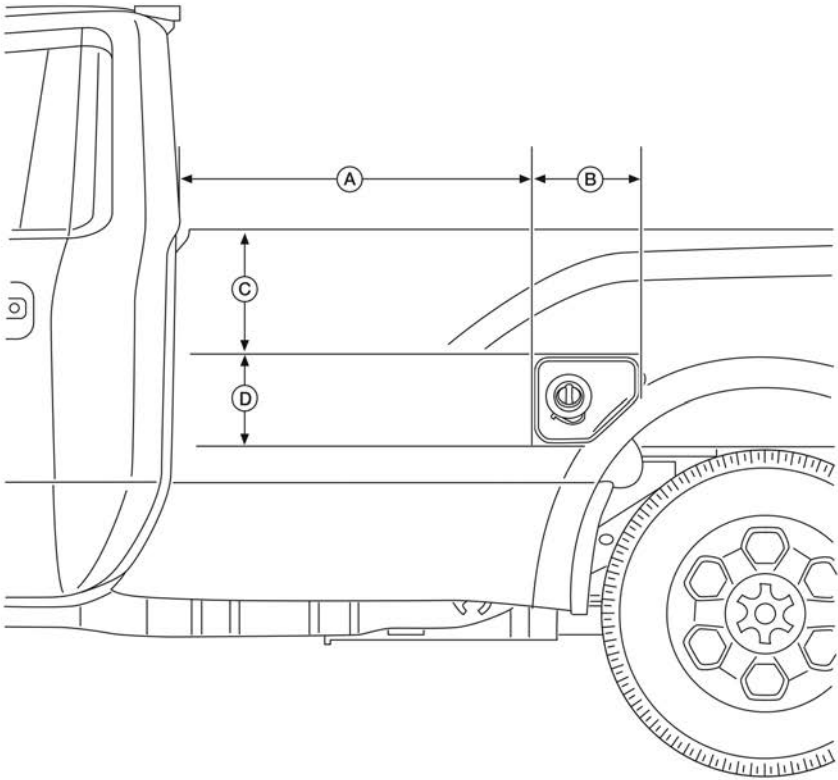
A. 412 mm (16.22 in)

B. 252 mm (9.92 in)

C. 317 mm (12.48 in)

D. 205 mm (8.07 in)

Single Cab (2017-2019 Model Years)

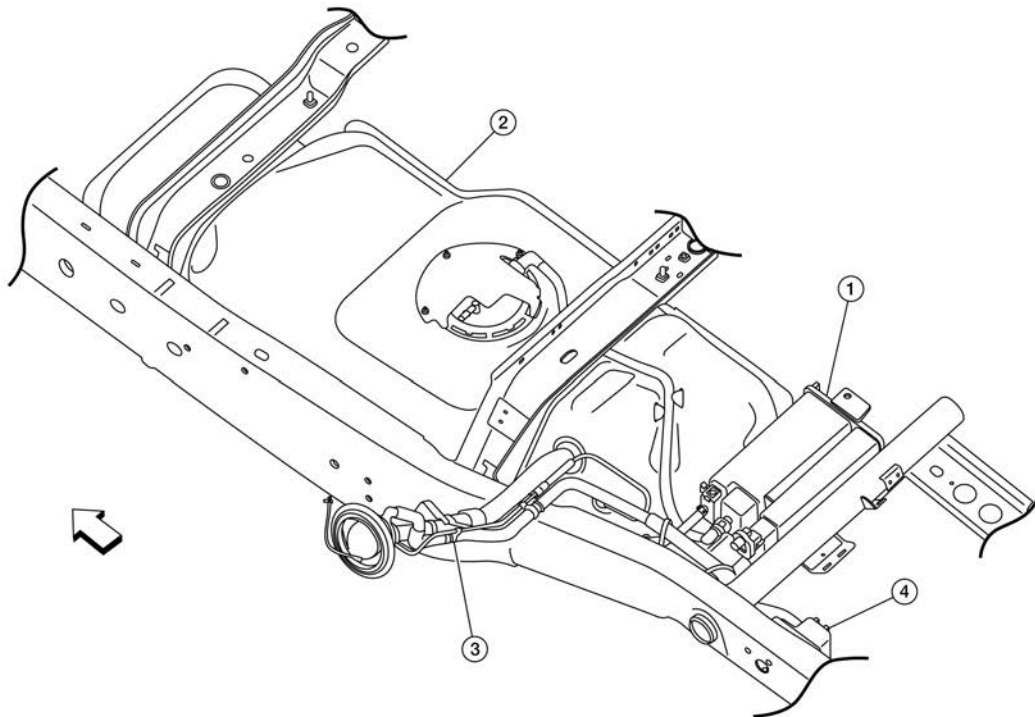


AAZIA0831ZZ

- A. 908 mm (35.75 in)
- B. 182 mm (7.17 in)
- C. 330 mm (12.99 in)
- D. 144 mm (5.67 in)

Fuel Filler Pipe Location

2017 Through 2018 Model Year Early Production Vehicles



AAZIA0618ZZ

↖: Front of vehicle.

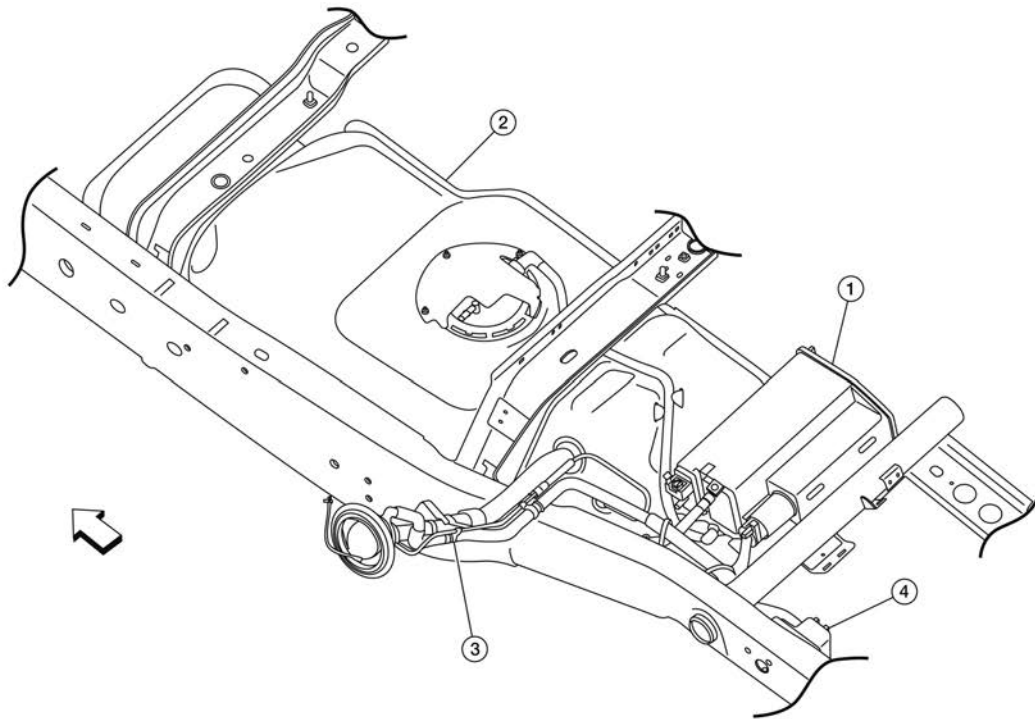
1. EVAP canister

2. Fuel tank

3. Fuel filler tube

4. EVAP filter

Starting 2018 Model Year Late Production Vehicles



TGAAZIA0036ZZ

↩: Front of vehicle.

1. EVAP canister

2. Fuel tank

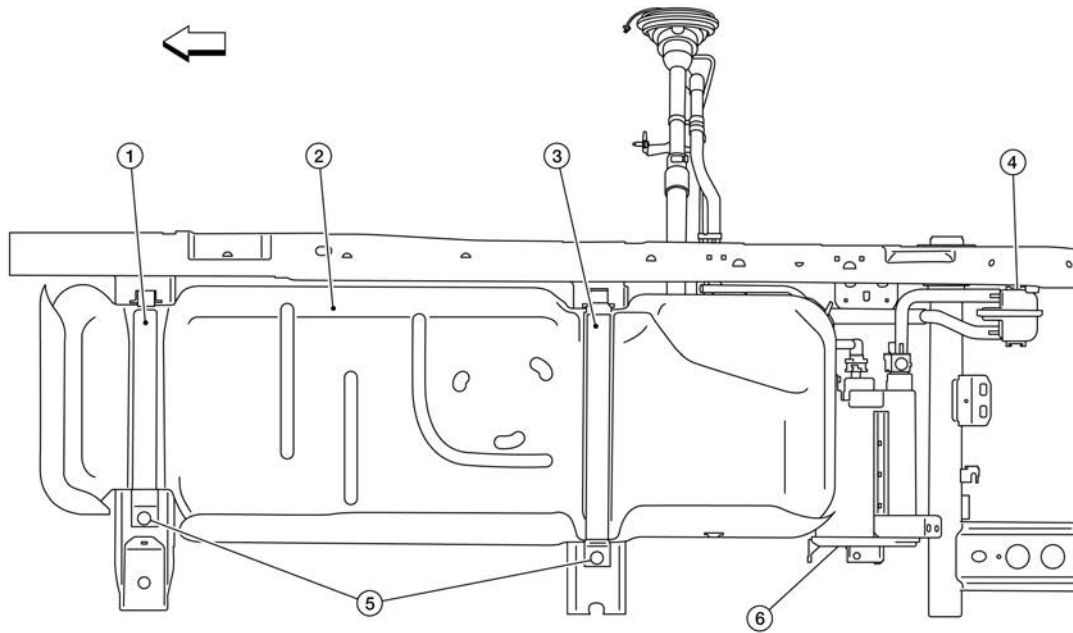
3. Fuel filler tube

4. EVAP filter

TANK LOCATION

Tank Mounting

2017 Through 2018 Model Year Early Production Vehicles



AAZIA0619ZZ

↩: Front of vehicle.

1. Front tank strap

4. EVAP filter

2. Fuel tank

5. Fuel tank strap bolts

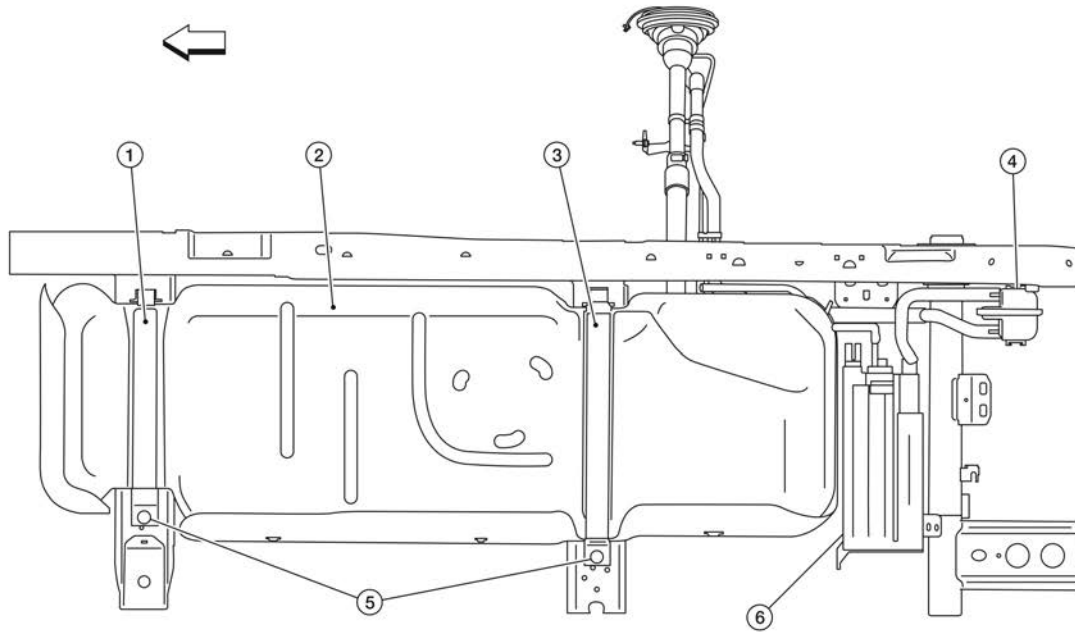
3. Rear tank strap

6. EVAP canister

TANK LOCATION

[FUEL SYSTEMS]

Starting 2018 Model Year Late Production Vehicles



TGAZIA0037ZZ

↖: Front of vehicle.

1. Front tank strap

2. Fuel tank

3. Rear tank strap

4. EVAP filter

5. Fuel tank strap bolts

6. EVAP canister

Drilling Precaution Area

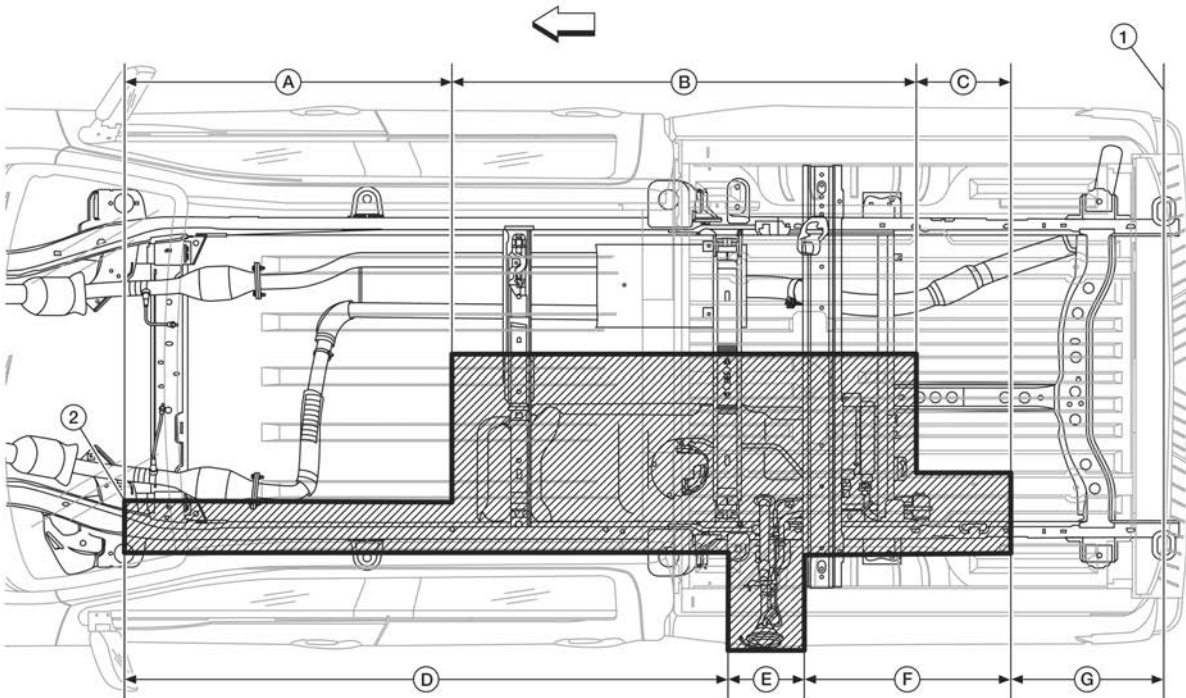
**WARNING:**

Do not damage the fuel tank or lines when drilling through the floor in the areas shown or component failure and personal injury may occur.

**WARNING:**

To avoid risk of death or injury caused by vehicle modifications, check for proper clearance between existing components or newly installed components.

Crew Cab



TGAAZIA0038ZZ

↔: Front of vehicle.

1. Tailgate inner sheet metal
(reference line)

2. Fuel tank drill precaution zone

A. 947.85 mm (37.32 in.)

B. 1,671 mm (65.79 in.)

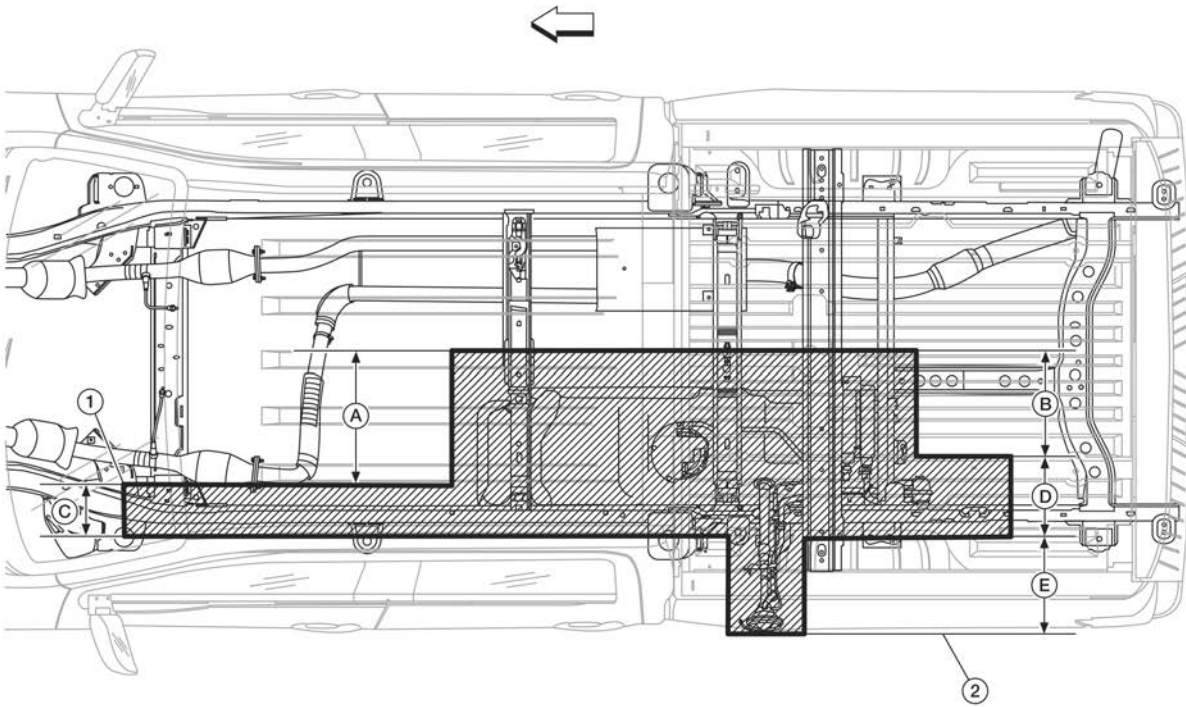
C. 373 mm (14.68 in.)

D. 2,072.92 mm (81.61 in.)

E. 276.11 mm (10.87 in.)

F. 659.38 mm (25.96 in.)

G. 869.55 mm (34.23 in.)



TGAAZIA0039ZZ

↩: Front of vehicle.

1. Fuel tank drill precaution zone

A. 381 mm (15.0 in.)

D. 334.23 mm (13.16 in.)

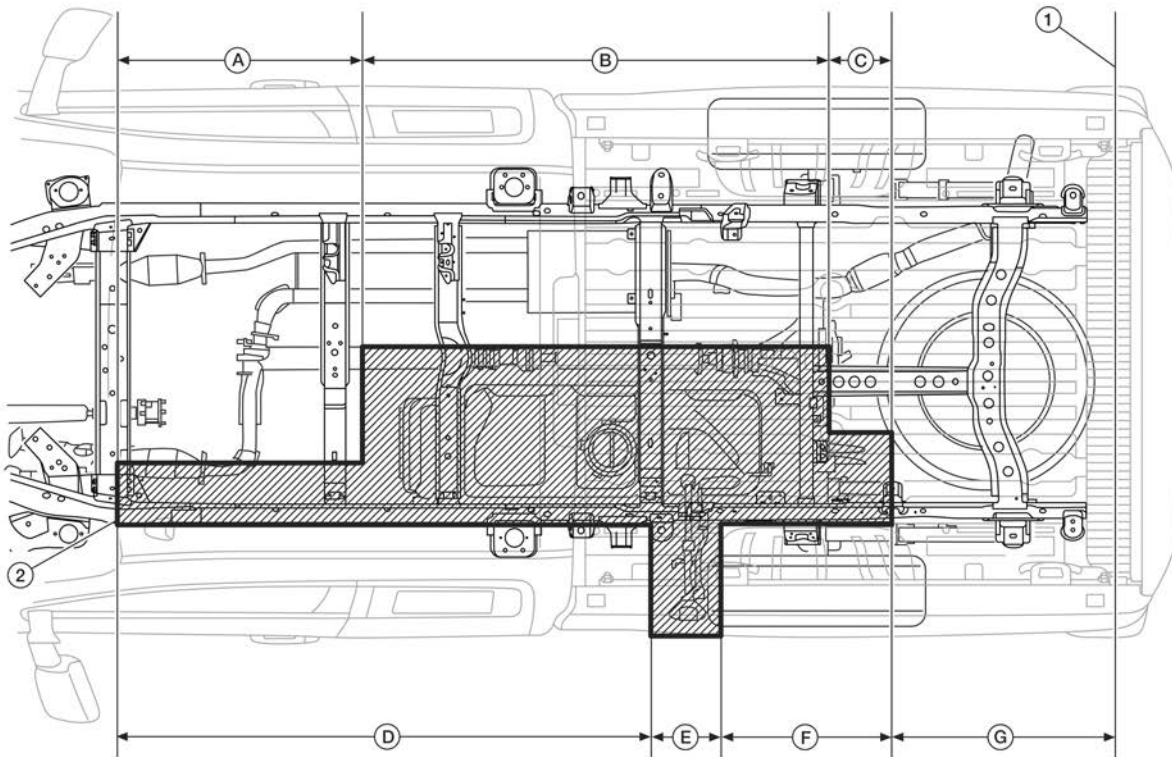
2. Bed side outer sheet metal (reference line)

B. 288 mm (11.34 in.)

E. 438.93 mm (17.28 in.)

C. 225.51 mm (8.88 in.)

King Cab®



TGAAZIA0040ZZ

↖: Front of vehicle.

1. Tailgate inner sheet metal
(reference line)

A. 947.85 mm (37.32 in.)

D. 2,072.92 mm (81.61 in.)

G. 869.55 mm (34.23 in.)

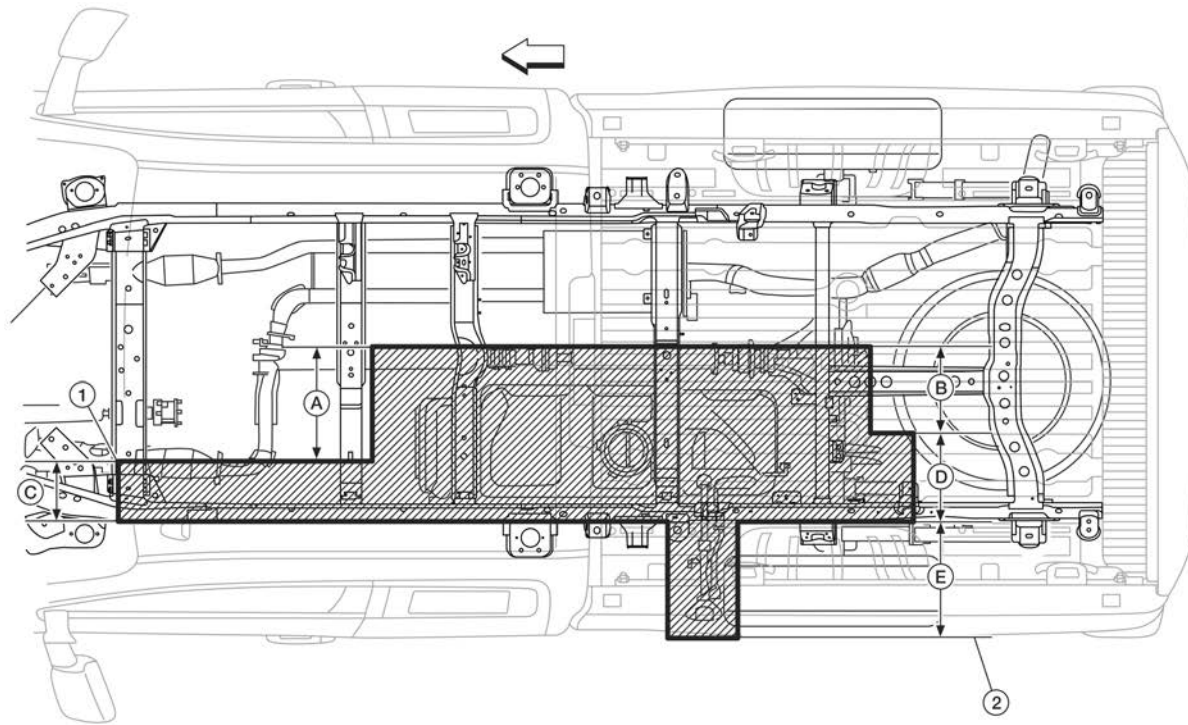
2. Fuel tank drill precaution
zone

B. 1,671 mm (65.79 in.)

E. 276.11 mm (10.87 in.)

C. 373 mm (14.68 in.)

F. 659.38 mm (25.96 in.)



TGAAZIA0041ZZ

↩: Front of vehicle.

1. Fuel tank drill precaution zone

A. 381 mm (15.0 in.)

D. 334.23 mm (13.16 in.)

2. Bed side outer sheet metal (reference line)

B. 288 mm (11.34 in.)

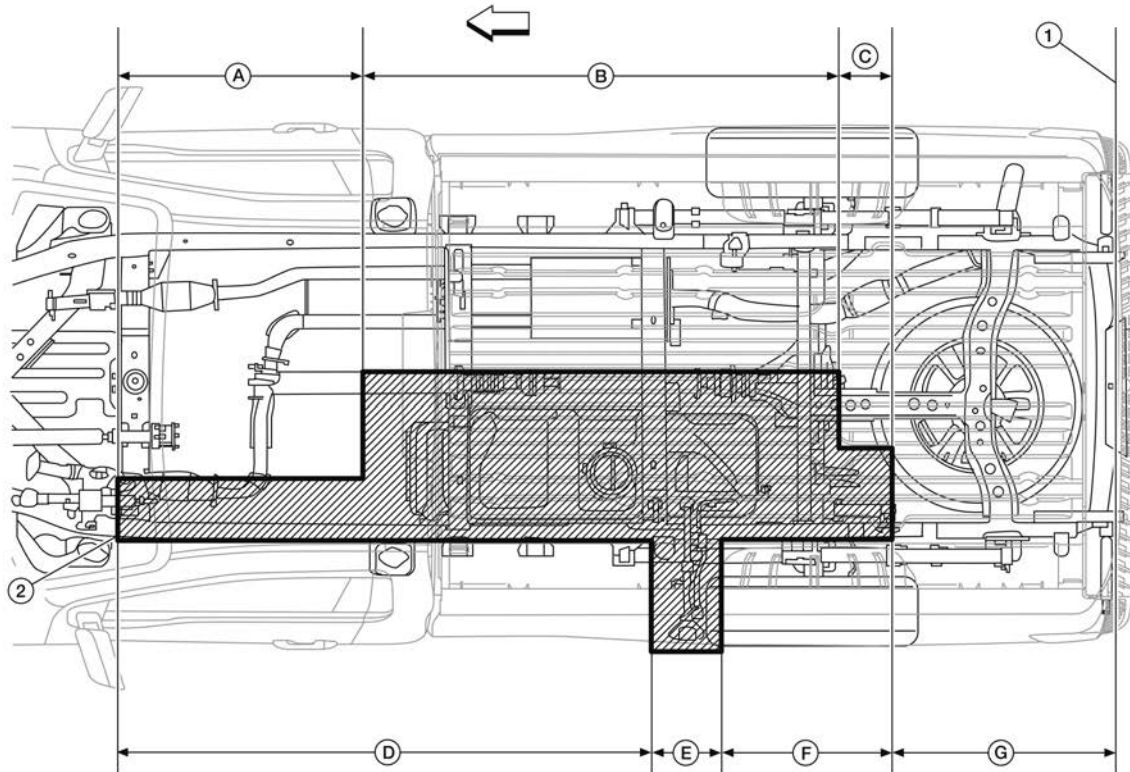
E. 438.93 mm (17.28 in.)

C. 225.51 mm (8.88 in.)

TANK LOCATION

[FUEL SYSTEMS]

Single Cab (2017-2019 Model Years)



TGAZIA0043ZZ

↔: Front of vehicle.

1. Tailgate inner sheet metal
(reference line)

A. 947.85 mm (37.32 in.)

D. 2,072.92 mm (81.61 in.)

G. 869.55 mm (34.23 in.)

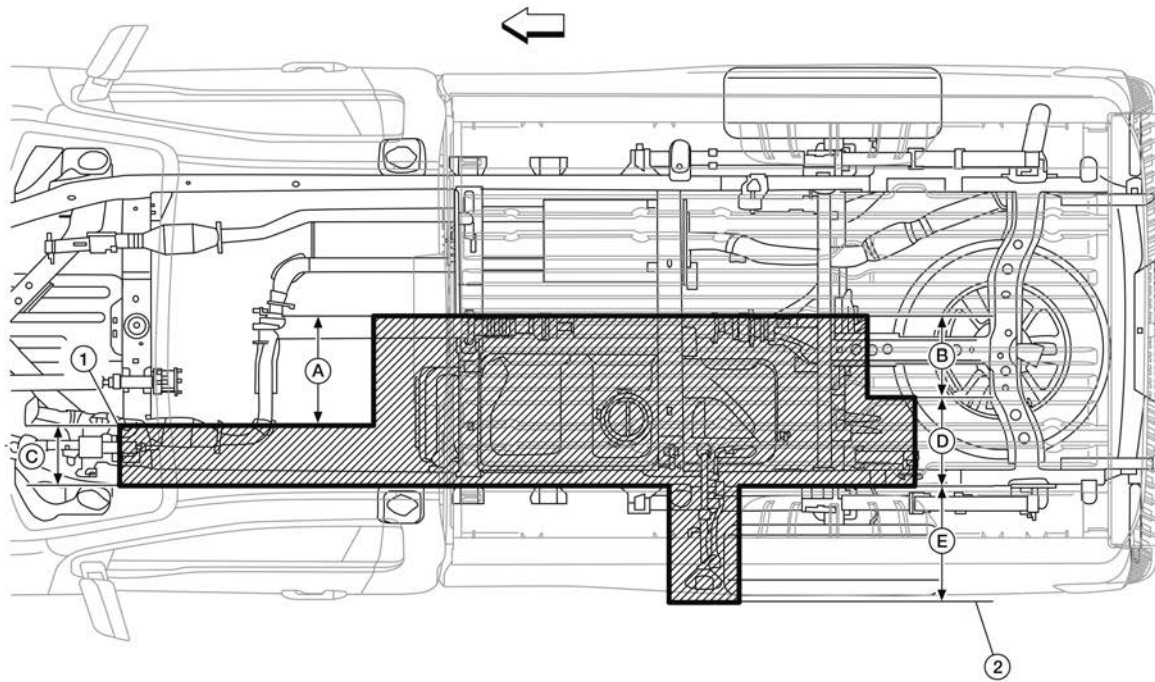
2. Fuel tank drill precaution
zone

B. 1,671 mm (65.79 in.)

E. 276.11 mm (10.87 in.)

C. 373 mm (14.68 in.)

F. 659.38 mm (25.96 in.)



TGAAZIA0042ZZ

↩: Front of vehicle.

1. Fuel tank drill precaution zone

A. 381 mm (15.0 in.)

D. 334.23 mm (13.16 in.)

2. Bed side outer sheet metal (reference line)

B. 288 mm (11.34 in.)

C. 225.51 mm (8.88 in.)

E. 438.93 mm (17.28 in.)

TRAILER TOW

WIRING

Trailer Wiring

The optional factory-installed trailer tow package includes the necessary wiring, relays, and both a 4-pin and 7-pin connector (mounted on the rear bumper). The vehicle-side connector will accommodate any standard 7-pin connector plug from your trailer.

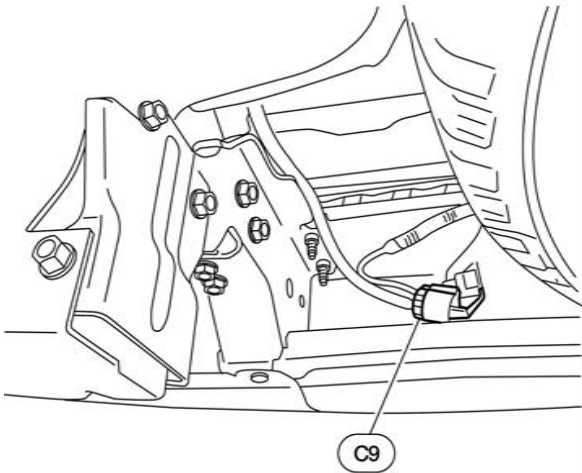
NOTE:

If your vehicle was not equipped with the factory-installed trailer tow package, it is pre-wired to support a Genuine NISSAN accessory trailer wiring kit. To help ensure proper operation, Nissan recommends that only the Genuine NISSAN trailer wiring kit be used. Please contact your Authorized NISSAN Dealer for details. The accessory trailer wiring kit connects to the vehicle harness connector located behind the rear bumper. Refer to the following illustration. For accessory trailer wiring kit installation instructions, refer to www.nissan-techinfo.com.

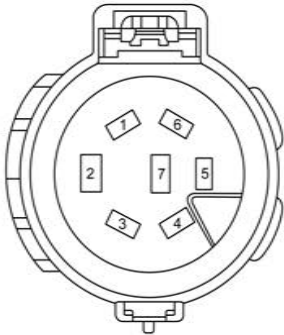
AAZ1A0397CB

TRAILER CONNECTOR PRE-WIRING

View behind right rear bumper

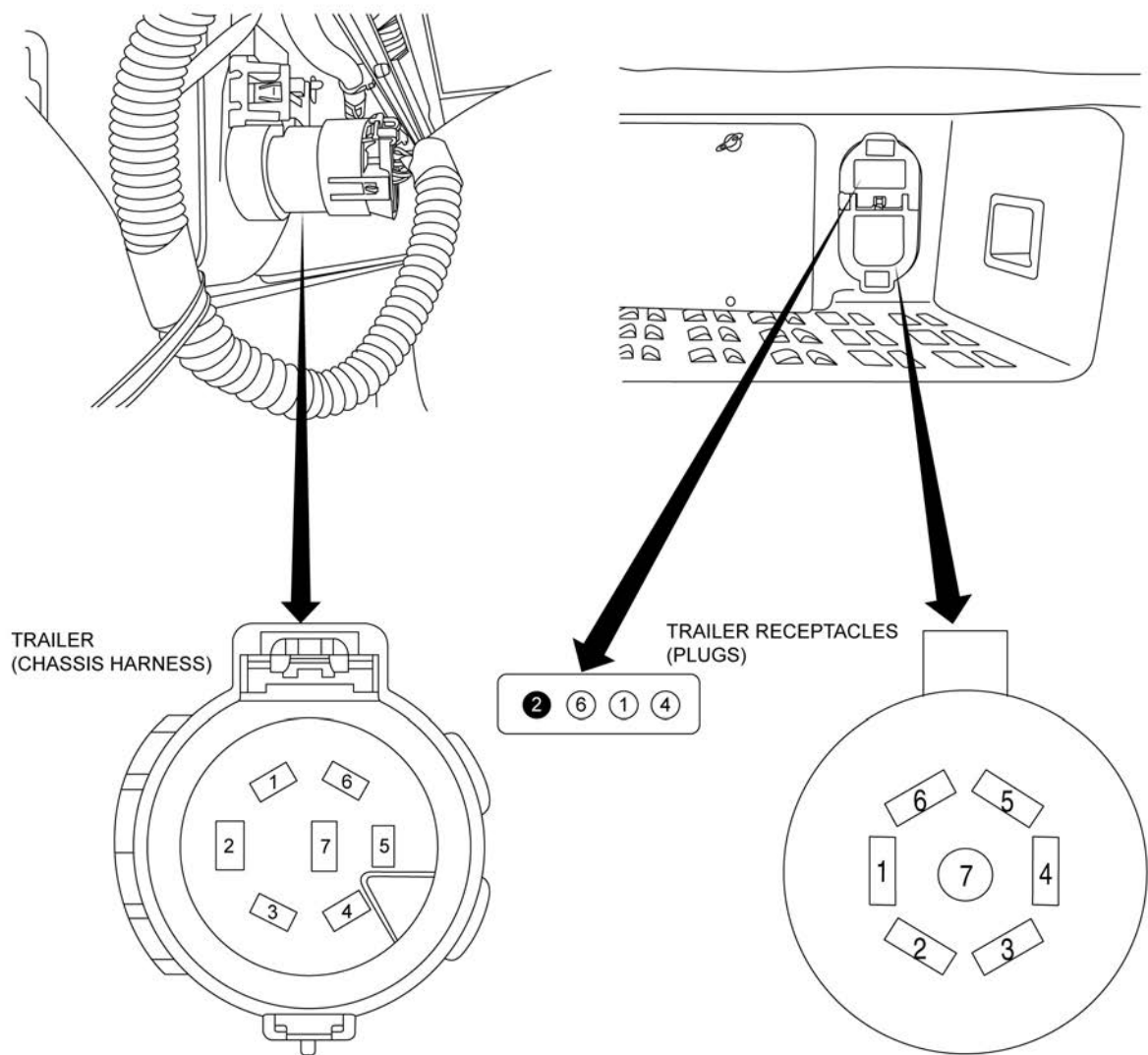


Connector No.	C9
Connector Name	WIRE TO WIRE
Connector Color	Black



 CAUTION: Do not allow total load across these circuits to exceed the maximum load for the ground circuit. Doing so may result in vehicle damage.	Terminal No.	Color of Wire	Signal Name	Wire Gauge	Maximum Load
	1	Light Green/Black	Stop/turn LH	20	10A
	2	Black	Ground	12	20A
	3	Brown/White	Electric brake	12	10A
	4	Yellow/Black	Stop/turn RH	20	10A
	5	White/Blue	Ignition	12	20A
	6	Red	Running lamps	24	4A
	7	Yellow/Red	Back-up lamps	24	4A

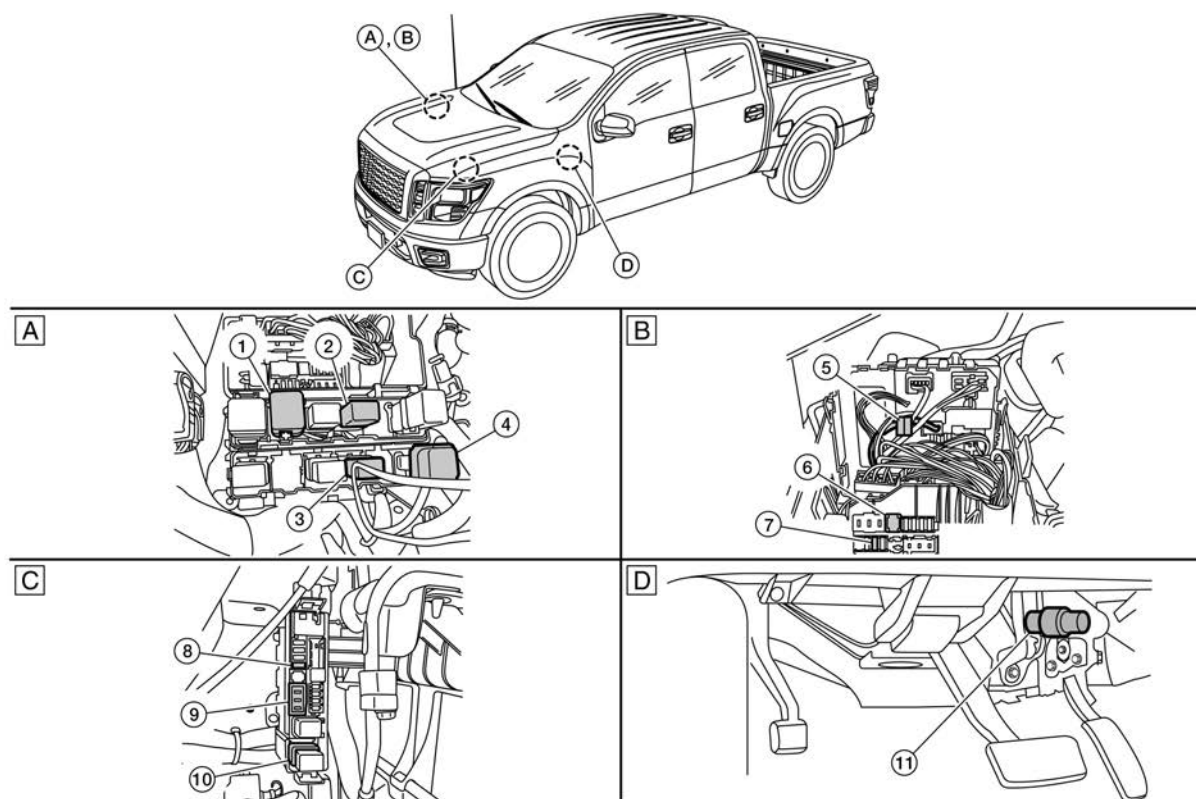
Trailer Connector



<div> CAUTION:</div> <div>Do not allow total load across these circuits to exceed the maximum load for the ground circuit. Doing so may result in vehicle damage.</div>	Terminal No.	Vehicle Harness Color of Wire	Signal Name	Maximum Load
	1	Light Green/Black	Stop/turn LH	10A
	2	Black	Ground	20A
	3	Brown/White	Electric brake	10A
	4	Yellow/Black	Stop/turn RH	10A
	5	White/Blue	Ignition	20A
	6	Red	Running lamps	4A
	7	Yellow/Red	Back-up lamps	4A

AAZIA0389GB

Trailer Tow Component Locations

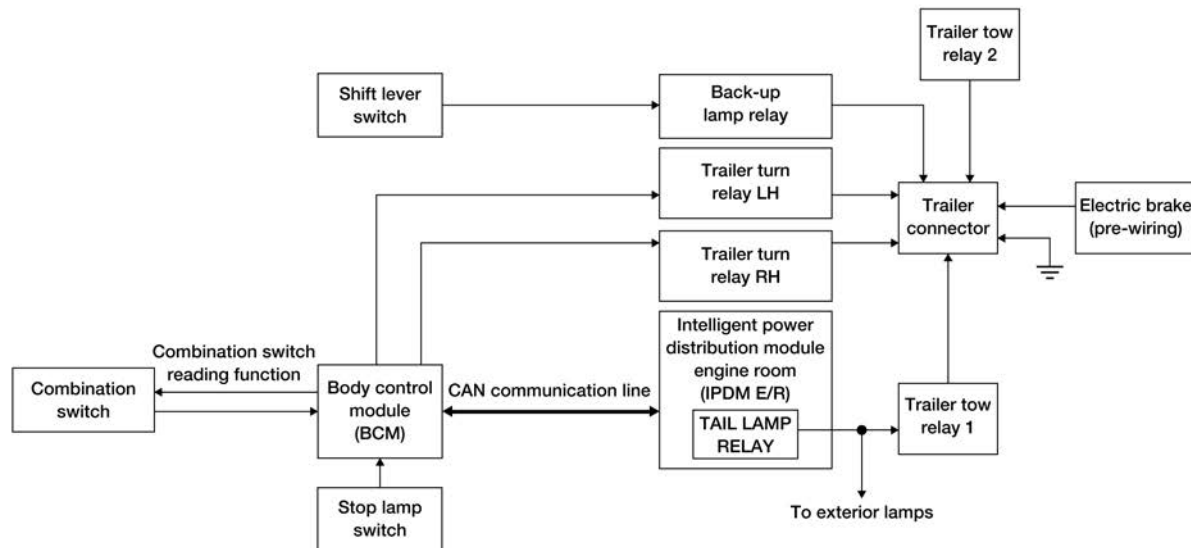


AAZIA0699ZZ

Crew cab shown, single cab and King Cab® locations are the same except as indicated below.

- | | | |
|---------------------------------------|--------------------------|----------------------------------|
| 1. Trailer tow relay 2 | 2. Trailer turn relay LH | 3. Trailer turn relay RH |
| 4. Stop lamp/Inverter relay | 5. Trailer tow fuse | 6. Electric brake (trailer) fuse |
| 7. Turn signal control (trailer) fuse | 8. Trailer reverse fuse | 9. Trailer charge fuse |
| 10. Trailer light check relay | 11. Stop lamp switch | |

System Diagram



AAZIA0388GB

System Description

Trailer Tail Lamp Operation

The trailer tail lamps are controlled by the trailer tow relay 1. With the combination switch in the 1st position, the BCM detects the LIGHTING SWITCH 1ST POSITION ON. The BCM sends a parking light ON request via the CAN communication lines to the IPDM E/R. The IPDM E/R then activates the tail lamp relay which activates the trailer tow relay 1 and sends power to the trailer receptacle.

Trailer Turn Signal Lamp Operation

The trailer turn signal lamps are controlled by the BCM. When the turn signal switch is in the LH or RH position with the ignition switch ON, the combination switch sends a signal to the BCM. The BCM detects the TURN RH ON or TURN LH ON request. The BCM sends a control signal to the respective trailer turn relay which sends power to the trailer receptacle.

Trailer Hazard Lamp Operation

The trailer hazard lamps are controlled by the BCM. When the hazard switch is pressed, the BCM detects the HAZARD ON request. The BCM then sends a control signal to both trailer turn relays which sends power to the trailer receptacle.

Trailer Brake Lamp Operation

The trailer brake lamps are controlled by the BCM. When the brake pedal is depressed, the BCM receives a stop lamp switch signal from the stop lamp switch. The BCM then sends a control signal to both trailer turn relays which sends power to the trailer receptacle.

Trailer Reverse Lamp Operation

The trailer reverse lamps are controlled by the shift lever switch. When the shift selector is placed in Reverse (R) the shift lever switch closes activating the back-up lamp relay, which sends power to the trailer receptacle.

Trailer Lighting Self Test Function

This function allows a self-test to be initiated using the key fob. For more information, refer to the Owner's Manual.

TRAILER SWAY CONTROL

To minimize trailer sway, the vehicle may apply braking to individual wheels based on input from the vehicle sensors and vehicle speed. Trailer sway control is a function of the Vehicle Dynamic Control (VDC) system and is active when the VDC function is enabled.



CAUTION:

If the VDC-OFF switch is on (meaning VDC system OFF), the trailer sway control is also disabled.

When Trailer Sway Control is in operation, the VDC warning light blinks. When vehicle control is regained, VDC warning light will turn OFF.

BRAKE CONTROLLER

For vehicles without a factory-installed electric brake controller, a 6-pin electric brake pre-wiring connector and a jumper harness is included from the factory. This jumper harness contains the necessary circuits to install an aftermarket electric brake controller. The pre-wiring connector is located in the passenger compartment on the driver's side, taped back to the main harness behind the instrument panel above the parking brake pedal. Refer to the illustration and wiring information on the following page.

Electric Brake (Pre-wiring) Connector

Connector No.	M190
Connector Name	ELECTRIC BRAKE (PRE-WIRING)
Connector Color	WHITE



2	6
1	3 4 5

Terminal No.	Color of Wire	Signal Name	Wire Gauge
1	Black	GND	14
2	Red/Green	STOP LAMPS	23
3	Brown/White	TRAILER BRAKE	14
4	Blue	ILLUMINATION	22
5	Red	B+	14

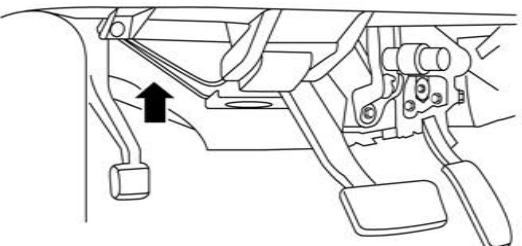
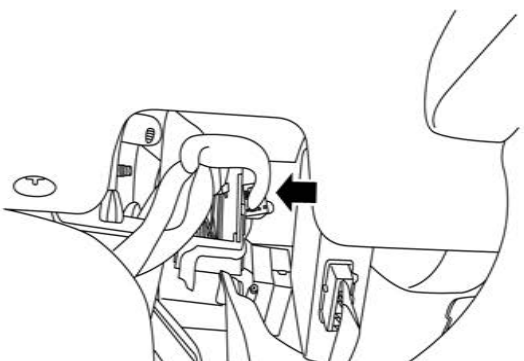
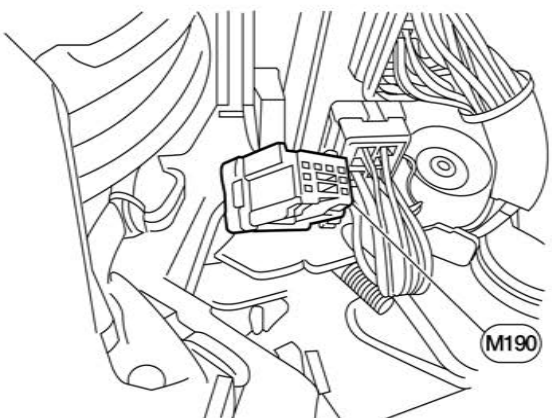
Connector No.	—
Connector Name	ELECTRIC BRAKE (PRE-WIRING) (JUMPER HARNESS SIDE)
Connector Color	WHITE



6	2
5 4 3 1	

Terminal No.	Color of Wire	Signal Name
1	Black	GND
2	Red/Green	STOP LAMPS
3	Brown/White	TRAILER BRAKE
4	Red/Blue	ILLUMINATION (NOT USED)
5	Red	B+

ELECTRIC BRAKE PRE-WIRING



AAZ1A0391GB

TRAILER HITCH

Adding A Hitch



WARNING:

To avoid risk of death or injury caused by potential trailer separation, special hitches, which include frame reinforcements, are required for towing above 907 kg (2,000 lbs).

The hitch should not be attached to or affect the operation of the impact absorbing bumper.

Do not use axle-mounted hitches.

Do not modify the vehicle exhaust system, brake system, etc., to install a trailer hitch.

To reduce the possibility of additional damage if your vehicle is struck from the rear, where practical, remove the receiver when not in use.

Regularly check that all trailer hitch mounting bolts are securely mounted.

When towing with the hitch ball mounted to the rear bumper, do not make sharp turns. The trailer may contact the bumper and cause damage to the bumper or trailer.

Weight Distribution Hitch

This type of hitch is also called a "load-leveling" or "equalizing hitch". A set of bars attach to the ball mount and to the trailer to distribute the tongue weight (hitch weight) of your trailer. Many vehicles can't carry the full tongue weight of a given trailer and need some of the tongue weight transferred through the frame and through pushing down on the front wheels. This gives stability to the tow vehicle. A weight distributing hitch system (Class IV) is required if you plan to tow trailers with a maximum weight of over 2,268 kg (5,000 lbs). Check with the trailer and towing equipment manufacturers to determine if they recommend the use of a weight distributing hitch system.

NOTE:

If your vehicle was not equipped with the factory-installed trailer tow package, it is pre-wired to support a Genuine NISSAN accessory trailer wiring kit. To help ensure proper operation, Nissan recommends that only the Genuine NISSAN trailer wiring kit be used. Please contact your Authorized NISSAN Dealer for details. The accessory trailer wiring kit connects to the vehicle harness connector located behind the rear bumper. Refer to [Trailer Wiring \(pg. 472\)](#). For accessory trailer wiring kit installation instructions, refer to www.nissan-techinfo.com.

Follow the instructions provided by the manufacturer for installing and using the weight distributing hitch system.

General setup instructions are as follows:

1. Park the unloaded vehicle on a level surface.
2. Measure the height of a reference point on the front and rear bumpers at the center of the vehicle.
3. Attach the trailer to the vehicle and adjust the hitch equalizers so that the front bumper height is within 13 mm (0.6 in) of the reference height measured in step 2. The rear bumper should be no higher than the reference height measured in step 2.

**WARNING:**

Properly adjust the weight distributing hitch so that the rear of the bumper is no higher than the measured reference height when the trailer is attached. If the rear bumper is higher than the measured reference height when loaded, the vehicle may handle unpredictably, which could cause a loss of vehicle control and cause serious personal injury or property damage.

Class I Hitch

The Genuine NISSAN step bumper is considered a Class I ball mount. It can be used to tow trailers with a maximum weight of 907 kg (2,000 lbs).

Class II Hitch

Class II trailer hitch equipment (receiver, ball mount and hitch ball) can be used to tow trailers with a maximum weight of 1,587.3 kg (3,500 lbs).

Class III Hitch

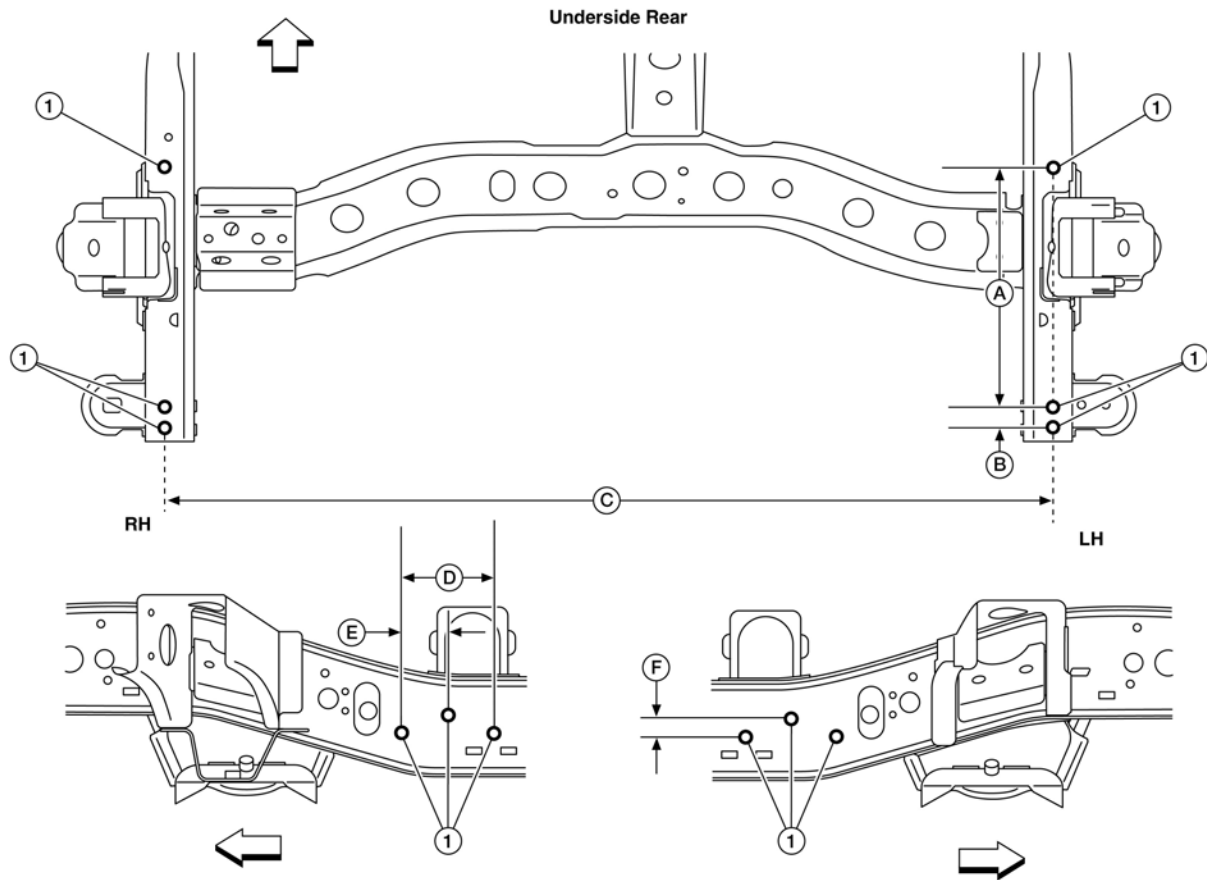
Class III trailer hitch equipment (receiver, ball mount and hitch ball) can be used to tow trailers with a maximum weight of 2,268 kg (5,000 lbs).

Class IV Hitch

Weight Carrying - Class IV trailer hitch equipment (receiver, ball mount and hitch ball) can be used to tow trailers with a maximum gross trailer weight (GTW) of 4,535 kg (10,000 lbs) and a maximum trailer tongue weight (TW) of 453 kg (1,000 lbs).

Weight Distribution - Class IV hitches used with a weight distribution system are rated to tow trailers up to 6,350 kg (14,000 lbs) gross trailer weight (GTW) and a maximum trailer tongue weight (TW) of 635 kg (1,400 lbs). Not all Class IV hitches are compatible with a weight distribution system, a higher class drawbar does not increase the towing capacity of the Class IV hitch. The weight distributed tow rating can only be achieved using a weight distributing system. See the specific hitch manufacturer for that information.

Trailer Hitch Mounting Hole Dimensions



AAZIA0432GB

←: Front of vehicle.

1. Hitch mount weld nuts
M12 x 1.25

A. 350.7 mm (13.81 in)

B. 30.0 mm (1.18 in)

C. 1,118.0 mm (44.02 in)

D. 91.4 mm (3.59 in)

E. 49.3 mm (1.94 in)

F. 18.2 mm (0.72 in)

DESIGN REQUIREMENTS FOR MODIFICATIONS

COOLING

Engine Cooling System

**WARNING:**

Coolant is toxic and can be fatal if swallowed. Keep away from pets and children. If not reused, dispose of in accordance with local environmental regulations.

**WARNING:**

To avoid the risk of personal injury, do not remove the radiator cap when the engine is hot. Serious burns could occur from high-pressure engine coolant escaping from the radiator. Wrap a thick cloth around the cap. Slowly turn it a quarter of a turn to release built-up pressure. Carefully remove the radiator cap by turning it all the way.

**CAUTION:**

No modification to the engine cooling system (radiator, radiator shroud, cooling fans, liquid cooling circuit, etc.) is allowed. Sufficient air passage to the radiator must be maintained, therefore, do not block the air passage through the radiator grille to the radiator with publicity plates, posters, trim or other decorative elements. Reduced airflow can cause overheating and could lead to component damage.

**WARNING:**

To help avoid risk of death or injury caused by damaged fuel, lubrication, air intake or exhaust tubing and lines, do not kink or bend fuel, lubrication air intake and exhaust tubing or lines and ensure all tubes and lines are routed and installed properly and care is given during the disassembly and assembly process.

HVAC**Changes To The HVAC System**

Changes to the HVAC system are not recommended. For liquid connection information, service data and specifications, refer to the service manual.

FRONT AND REAR BUMPERS



WARNING:

For vehicles equipped with sonar, do not alter the front or rear bumpers. Doing so may cause the system to operate improperly.

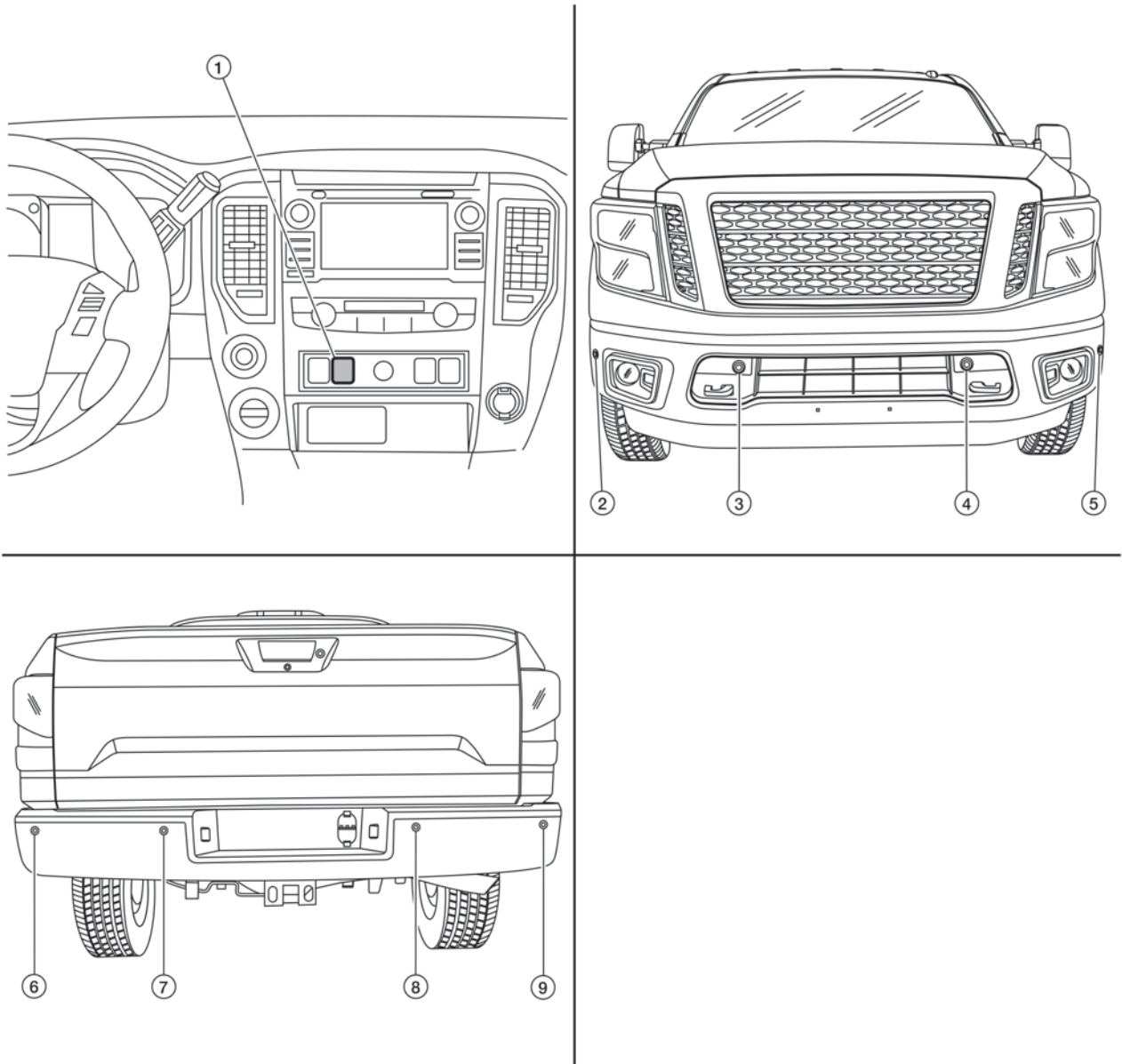
SONAR SYSTEM (2017-2019 Model Years)

Component Parts Location



WARNING:

For vehicles equipped with sonar, do not alter the front or rear bumpers. Doing so may cause the system to operate improperly.



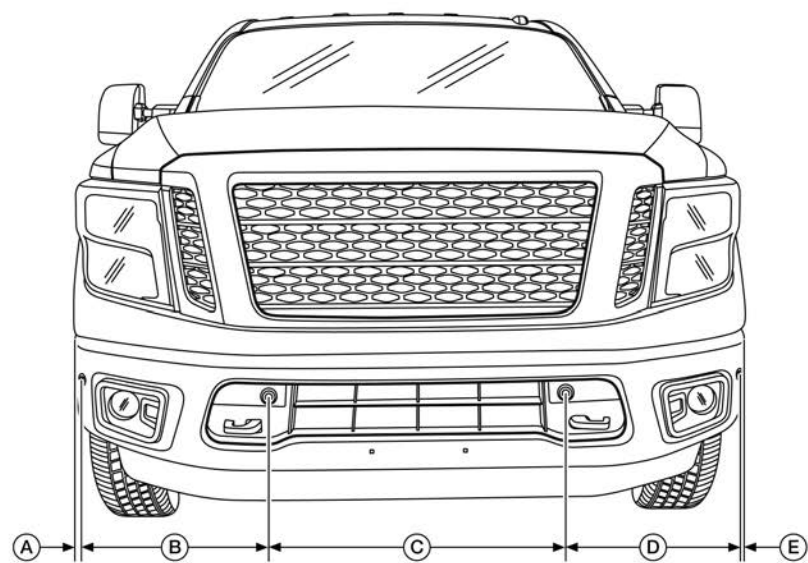
TGAZIA0065ZZ

Crew cab shown, single cab and King Cab® locations are the same.

- | | | |
|--|--------------------------------|--------------------------------|
| 1. Sonar system OFF switch
(with sonar system OFF
indicator) | 2. Front sonar sensor RH outer | 3. Front sonar sensor RH inner |
| 4. Front sonar sensor LH inner | 5. Front sonar sensor LH outer | 6. Rear sonar sensor LH outer |
| 7. Rear sonar sensor LH inner | 8. Rear sonar sensor RH inner | 9. Rear sonar sensor RH outer |

SONAR SYSTEM (2017-2019 Model Years)
[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Front Sensor Layout Dimensions

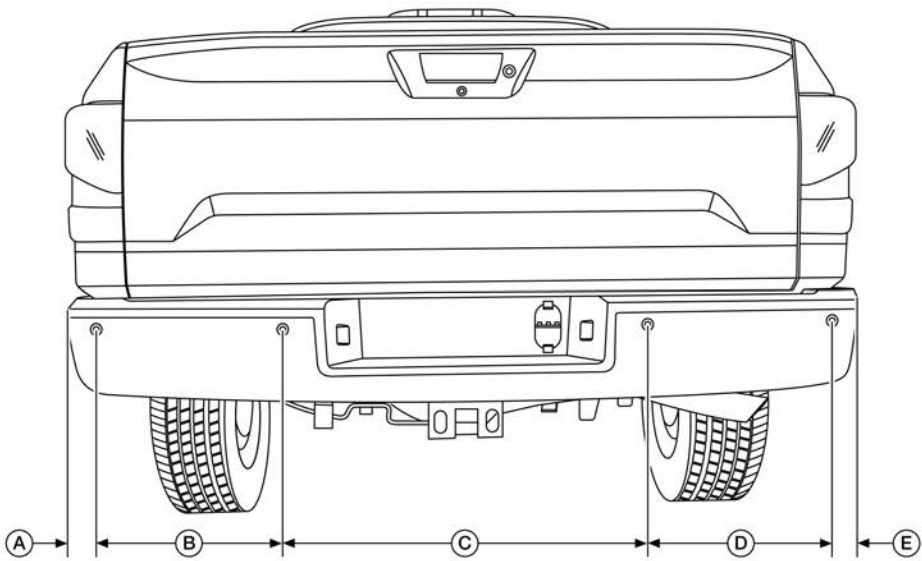


AAZIA0719ZZ

- A. 64 mm (2.52 in)
- B. 536 mm (21.10 in)
- C. 832 mm (32.76 in)
- D. 536 mm (21.10 in)
- E. 64 mm (2.52 in)

SONAR SYSTEM (2017-2019 Model Years)
[DESIGN REQUIREMENTS FOR MODIFICATIONS]

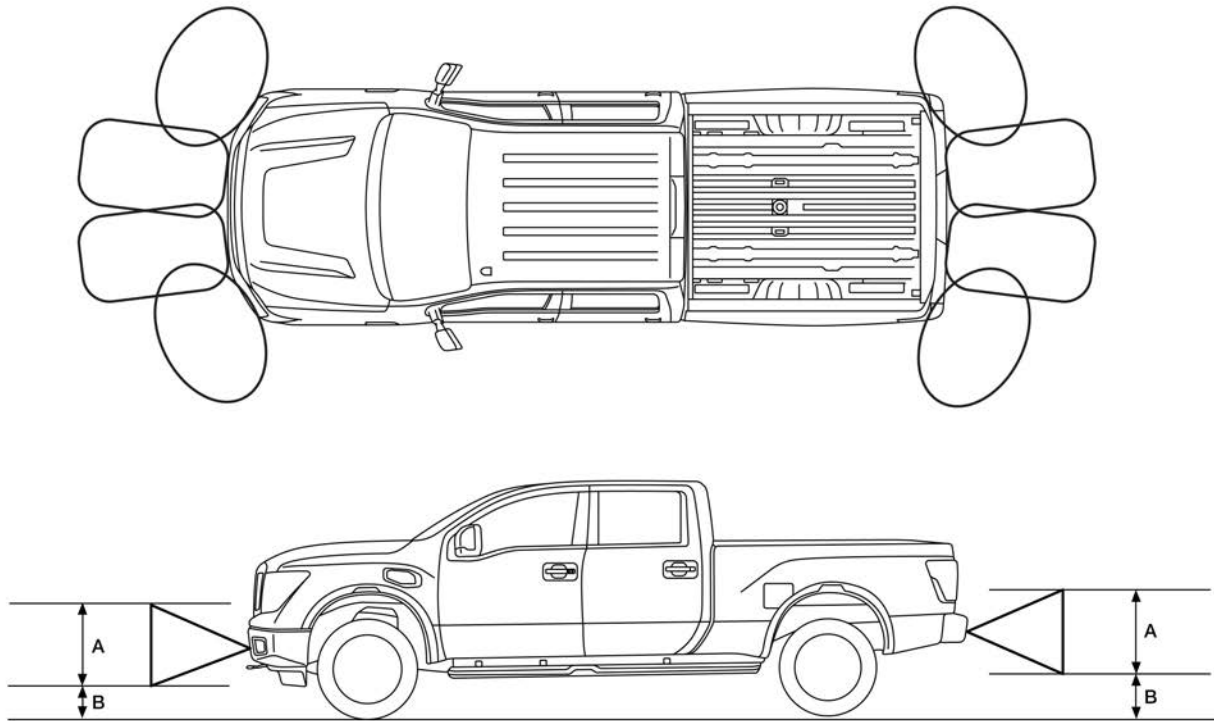
Rear Sensor Layout Dimensions



AAZIA0720ZZ

- A. 108 mm (4.25 in)
- B. 440 mm (17.32 in)
- C. 832 mm (32.76 in)
- D. 440 mm (17.32 in)
- E. 108 mm (4.25 in)

Sonar System Detection Area



AAZIA0583ZZ

A. Approx. 50 cm (19.6 in)

B. Approx. 15 cm (5.9 in)

Sonar Indicator Display

- Around view monitor control unit that receives the detection signal and detection distance signal from sonar control unit displays the sonar indicator on display.
- Around view monitor control unit changes the color or blinking cycle of the indicator according to the detection distance.



CAUTION:

Do not install objects that interfere with the zone specified and the ability of the sonar system to function properly.

The Sonar System sounds a tone to warn the driver of obstacles near the front and rear bumpers. The sonar system automatically turns on when the shift selector is placed in a forward gear or R (Reverse) and the ignition switch is in the ON position. The system may not detect objects at speeds above 10 km/h (6 mph) and may not detect certain angular or moving objects.

The sonar system OFF switch on the instrument panel allows the driver to turn the sonar system on and off. To turn the system off, the ignition must be ON, and the shift selector in R (Reverse) or D (Drive). Press the switch to turn the system back on. It will be automatically turned on when the engine is restarted.

Refer to the Owner's Manual for full system operating instructions.

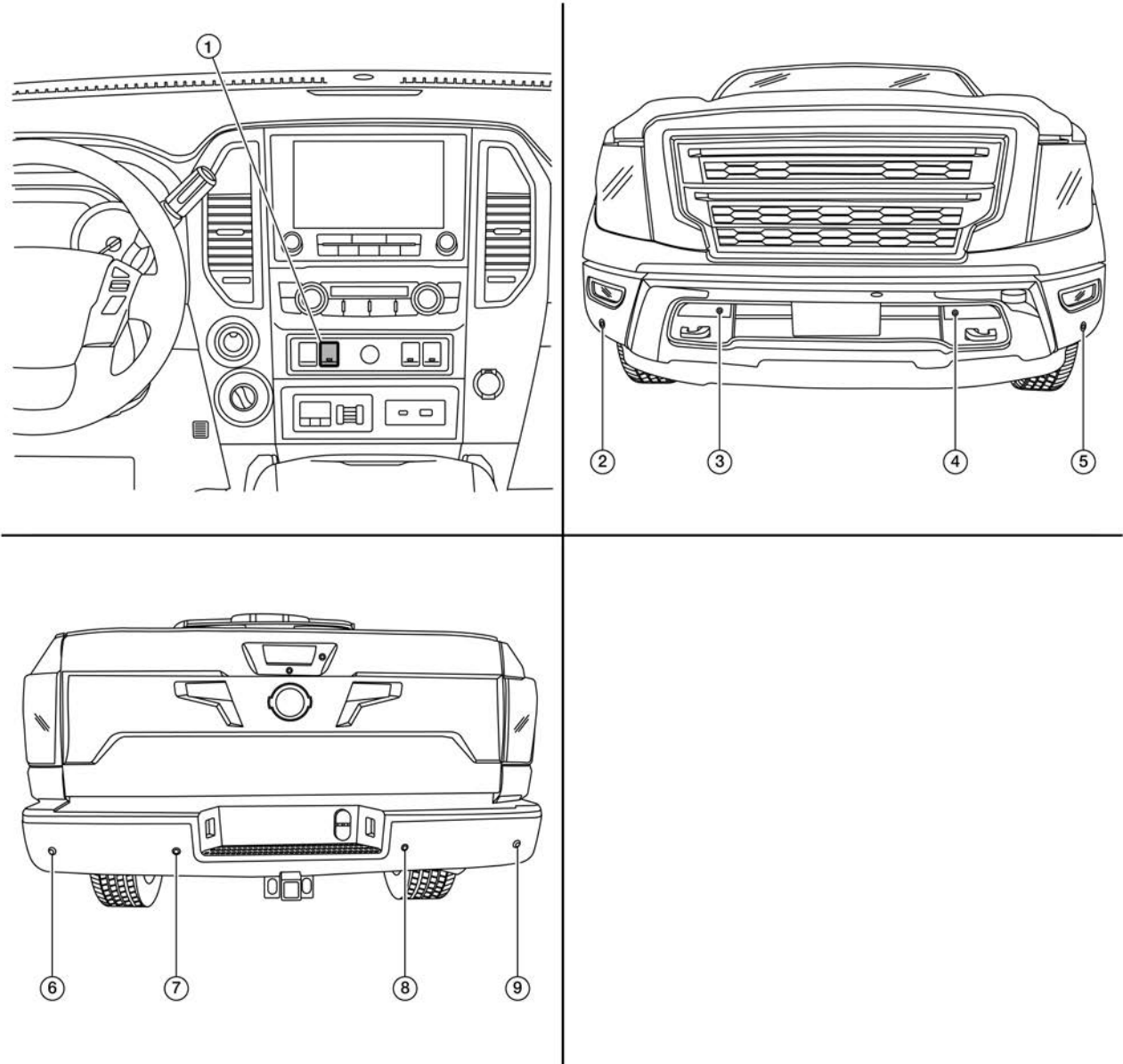
SONAR SYSTEM (Starting 2020 model year)

Component Parts Location



WARNING:

For vehicles equipped with sonar, do not alter the front or rear bumpers. Doing so may cause the system to operate improperly.



TGAAZIA0139ZZ

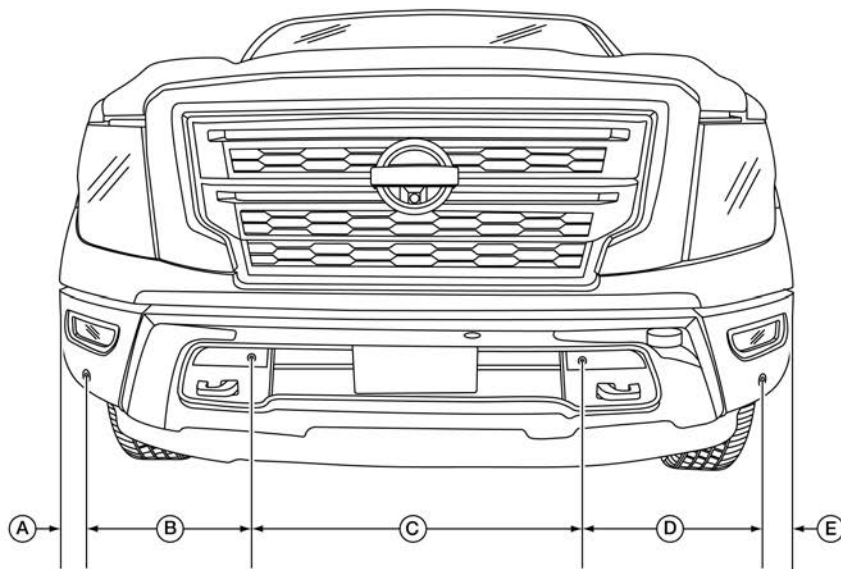
Crew cab shown, single cab and King Cab® locations are the same.

- | | | |
|--|--------------------------------|--------------------------------|
| 1. Sonar system OFF switch
(with sonar system OFF
indicator) | 2. Front sonar sensor RH outer | 3. Front sonar sensor RH inner |
| 4. Front sonar sensor LH inner | 5. Front sonar sensor LH outer | 6. Rear sonar sensor LH outer |
| 7. Rear sonar sensor LH inner | 8. Rear sonar sensor RH inner | 9. Rear sonar sensor RH outer |

SONAR SYSTEM (Starting 2020 model year)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Front Sensor Layout Dimensions



TGAZIA0140ZZ

A. 15.5 mm (5.5 in)

B. 495.3 mm (19.5 in)

C. 749.3 mm (29.5 in)

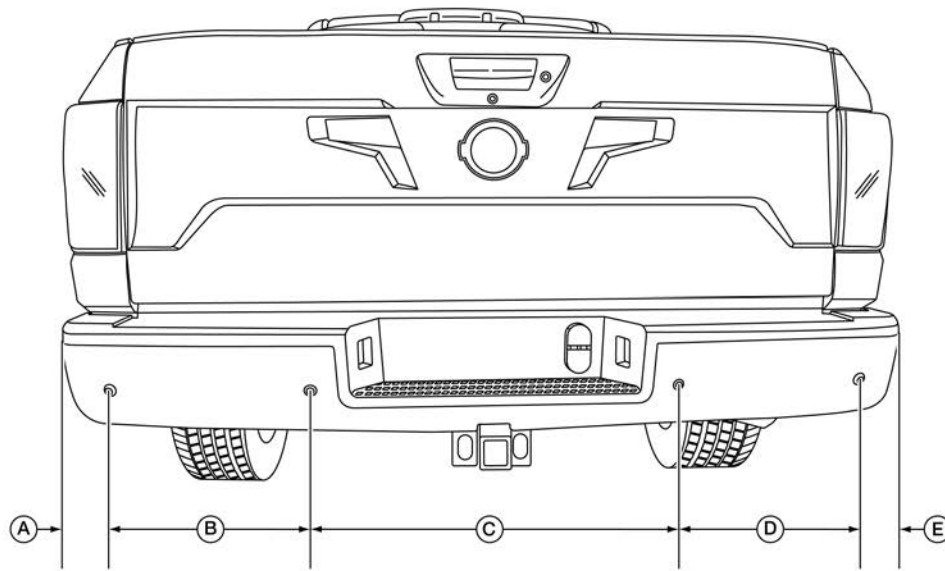
D. 495.3 mm (19.5 in)

E. 15.5 mm (5.5 in)

SONAR SYSTEM (Starting 2020 model year)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Rear Sensor Layout Dimensions



TGAZIA0141ZZ

A. 135.89 mm (5.35 in)

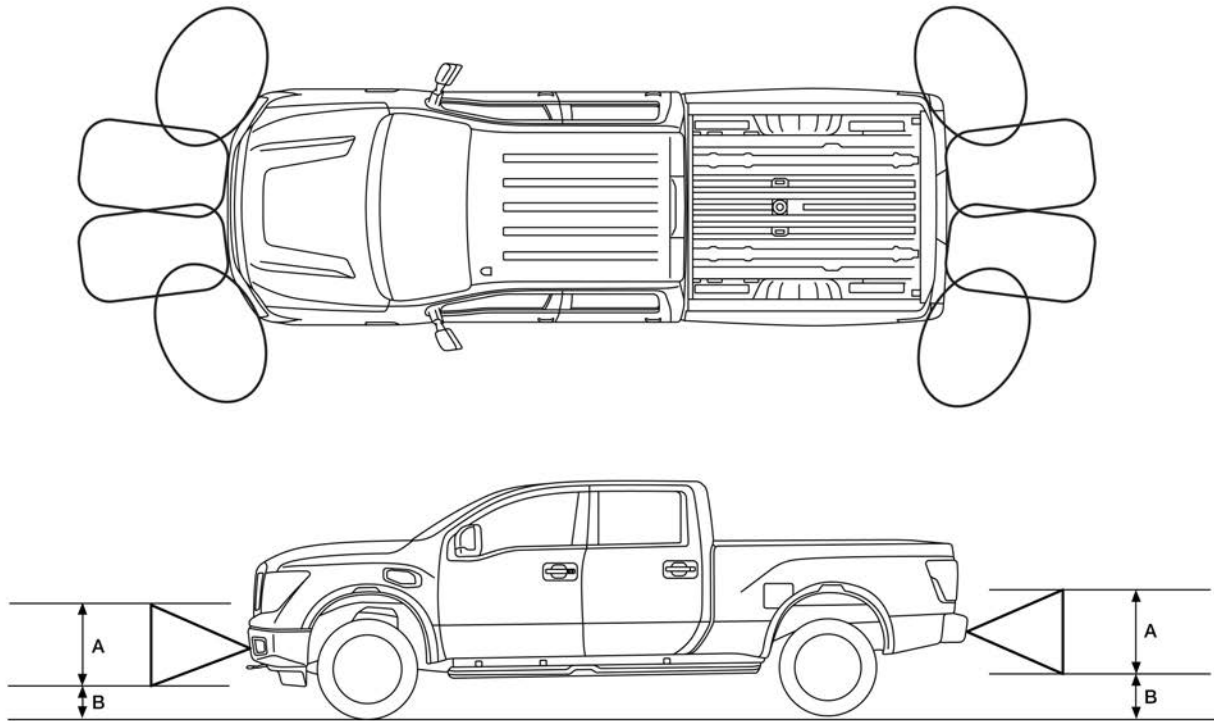
B. 425.45 mm (16.75 in)

C. 793.75 mm (31.25 in)

D. 425.45 mm (16.75 in)

E. 135.89 mm (5.35 in)

Sonar System Detection Area



AAZIA0583ZZ

A. Approx. 50 cm (19.6 in)

B. Approx. 15 cm (5.9 in)

Sonar Indicator Display

- Around view monitor control unit that receives the detection signal and detection distance signal from sonar control unit displays the sonar indicator on display.
- Around view monitor control unit changes the color or blinking cycle of the indicator according to the detection distance.



CAUTION:

Do not install objects that interfere with the zone specified and the ability of the sonar system to function properly.

The Sonar System sounds a tone to warn the driver of obstacles near the front and rear bumpers. The sonar system automatically turns on when the shift selector is placed in a forward gear or R (Reverse) and the ignition switch is in the ON position. The system may not detect objects at speeds above 10 km/h (6 mph) and may not detect certain angular or moving objects.

The sonar system OFF switch on the instrument panel allows the driver to turn the sonar system on and off. To turn the system off, the ignition must be ON, and the shift selector in R (Reverse) or D (Drive). Press the switch to turn the system back on. It will be automatically turned on when the engine is restarted.

Refer to the Owner's Manual for full system operating instructions.

MIRRORS

Blind Spot Warning System



WARNING:

For vehicles equipped with Blind Spot Warning (BSW) System or Around View® Monitor System, do not alter the outside mirrors. Doing so may cause the system(s) to operate improperly.

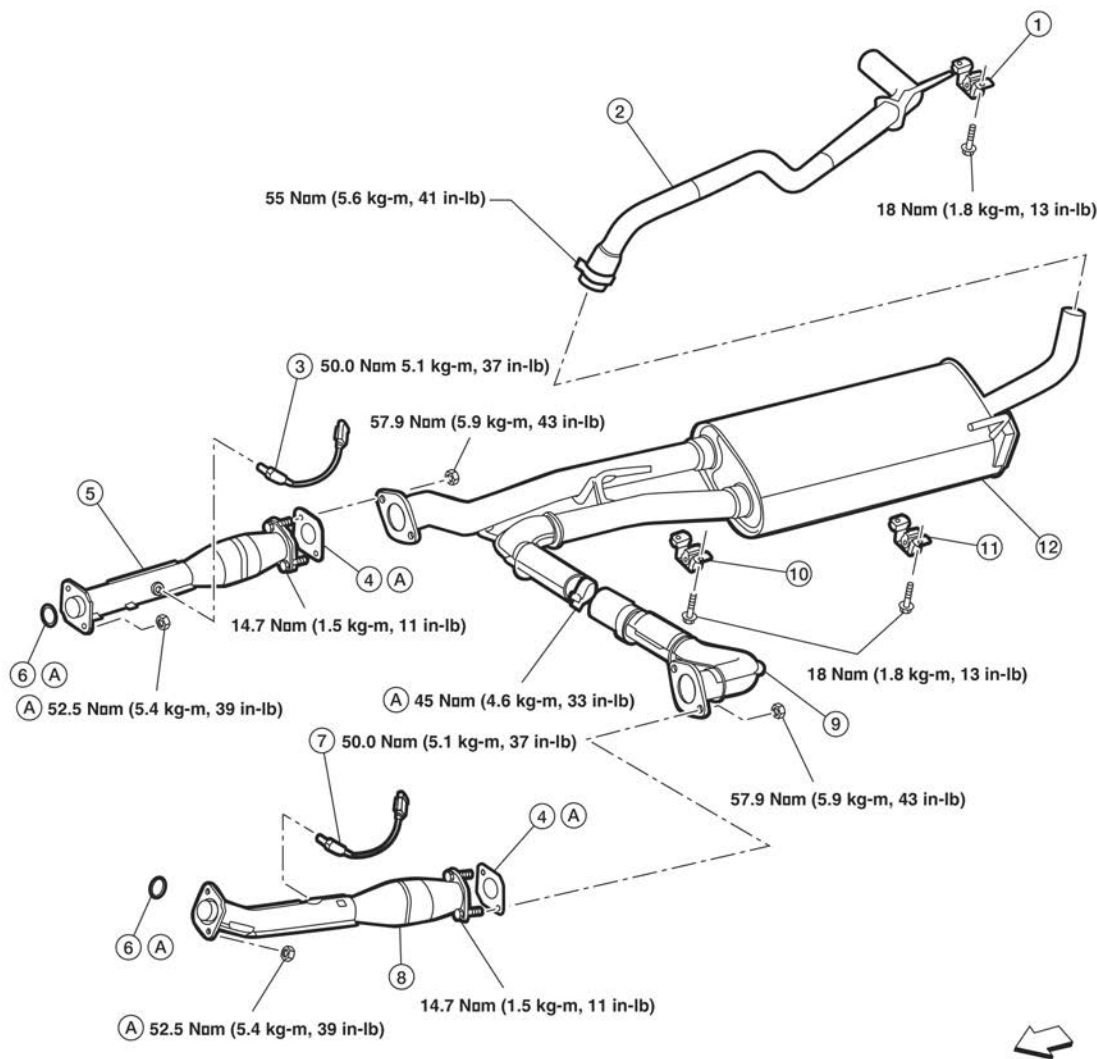
EXHAUST – CREW CAB

Exhaust System

**WARNING:**

Exhaust system components can become hot enough during operation and testing to cause burns or ignite and melt combustible materials. The exhaust and exhaust components can remain hot after the vehicle stops moving and has been shut down. To avoid the risk of fire property damage, burns or other serious personal injury, allow the exhaust system to cool before beginning repairs or service. Make sure that no combustible materials are located where they are likely to come in contact with hot exhaust or exhaust components.

Changes to the exhaust system are not recommended.



TGAAZIA0074ZZ

Front of vehicle.

1. Tailpipe hanger bracket

2. Tailpipe

3. Heated oxygen sensor 2
(bank 2)

4. Gasket

5. Exhaust tube (bank 2)

6. Ring gasket

EXHAUST – CREW CAB
[DESIGN REQUIREMENTS FOR MODIFICATIONS]

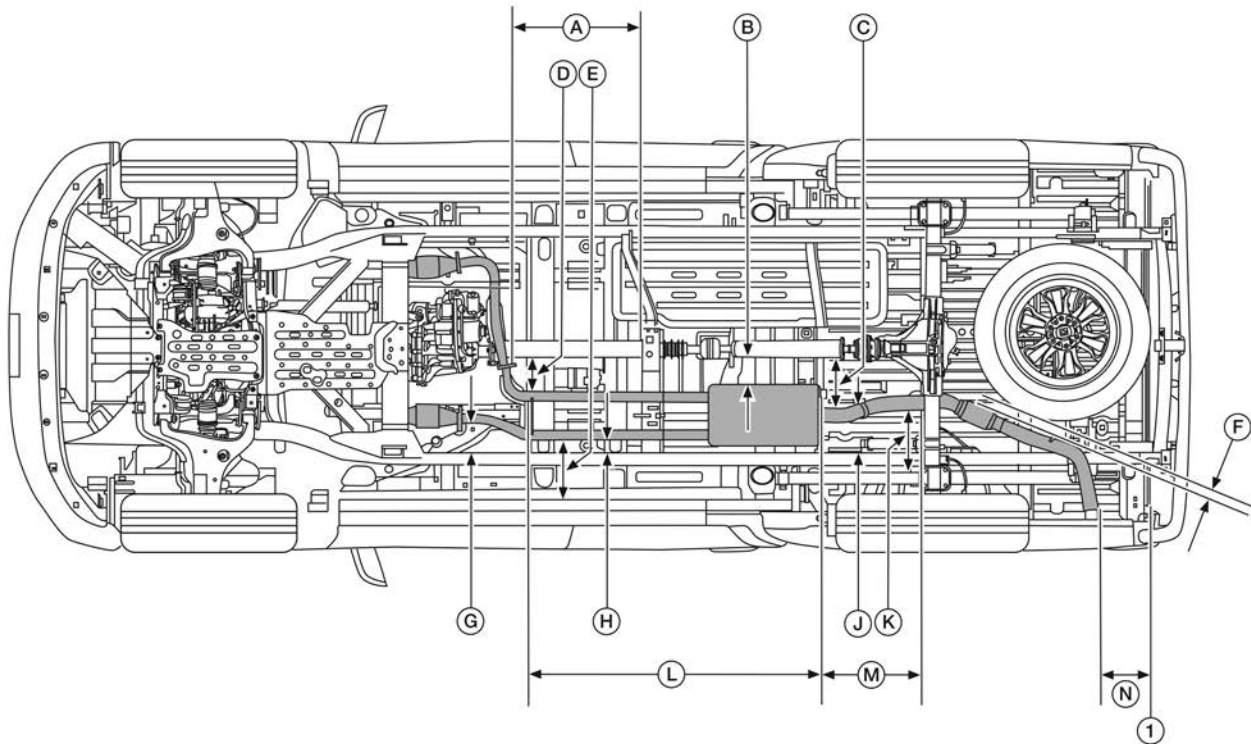
7. Heated oxygen sensor 2
(bank 1)
8. Exhaust tube (bank 1)
9. Center exhaust tube
10. Muffler hanger bracket front
11. Muffler hanger bracket rear
12. Main muffler
- A. Always replace after every
disassembly

NOTE:
It is recommended that muffler and central tubes are replaced at the same time because U-bolt deforms tubes of both parts at the installation.

EXHAUST – CREW CAB

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Exhaust Measurements



AAZIA0870ZZ

1. Edge of bed floor panel	A. 630 mm (24.80 in)	B. 120 mm (4.72 in)
C. 240 mm (9.45 in)	D. 154 mm (6.06 in)	E. 286.72 mm (11.29 in)
F. 85 mm (3.35 in)	G. 140 mm (5.51 in)	H. 72 mm (2.83 in)
J. 204 mm (8.03 in)	K. 210 mm (8.27 in)	L. 1,408 mm (55.43 in)
M. 546 mm (21.50 in)	N. 323.96 mm (12.75 in)	

Inspection After Installation

NOTE:

The mounting brackets should not be grounded or touch the rubber insulators after installation.

- With the engine running, check exhaust tube joints for gas leakage and unusual noises.
- Check to ensure that mounting brackets and rubber insulators are installed properly and free from undue stress. Improper installation could result in excessive noise and vibration.

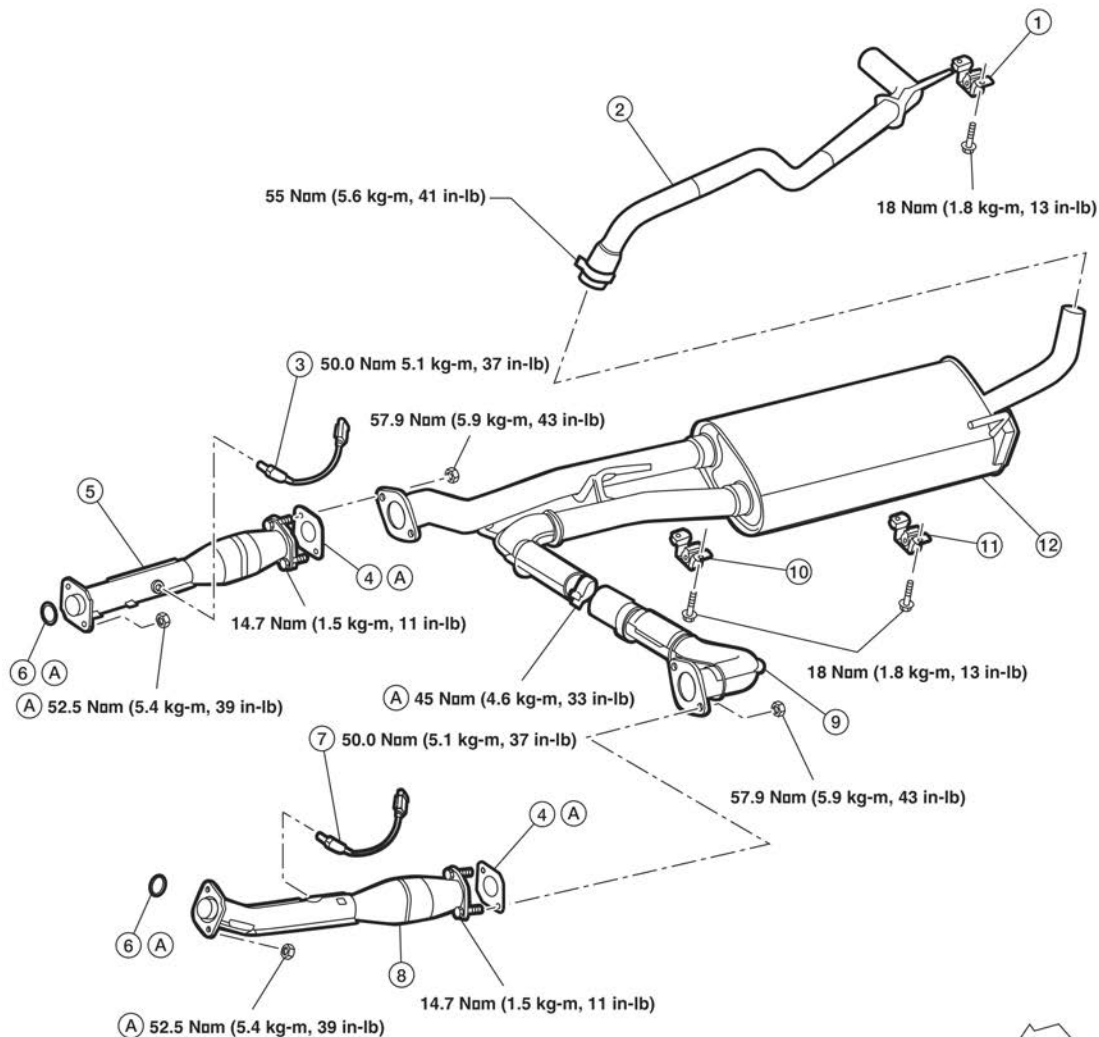
EXHAUST – KING CAB®

Exhaust System

**WARNING:**

Exhaust system components can become hot enough during operation and testing to cause burns or ignite and melt combustible materials. The exhaust and exhaust components can remain hot after the vehicle stops moving and has been shut down. To avoid the risk of fire property damage, burns or other serious personal injury, allow the exhaust system to cool before beginning repairs or service. Make sure that no combustible materials are located where they are likely to come in contact with hot exhaust or exhaust components.

Changes to the exhaust system are not recommended.



TGAZIA0074ZZ

↩: Front of vehicle.

1. Tailpipe hanger bracket

2. Tailpipe

3. Heated oxygen sensor 2
(bank 2)

4. Gasket

5. Exhaust tube (bank 2)

6. Ring gasket

EXHAUST – KING CAB®

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

7. Heated oxygen sensor 2
(bank 1)

8. Exhaust tube (bank 1)

9. Center exhaust tube

10. Muffler hanger bracket front

11. Muffler hanger bracket rear

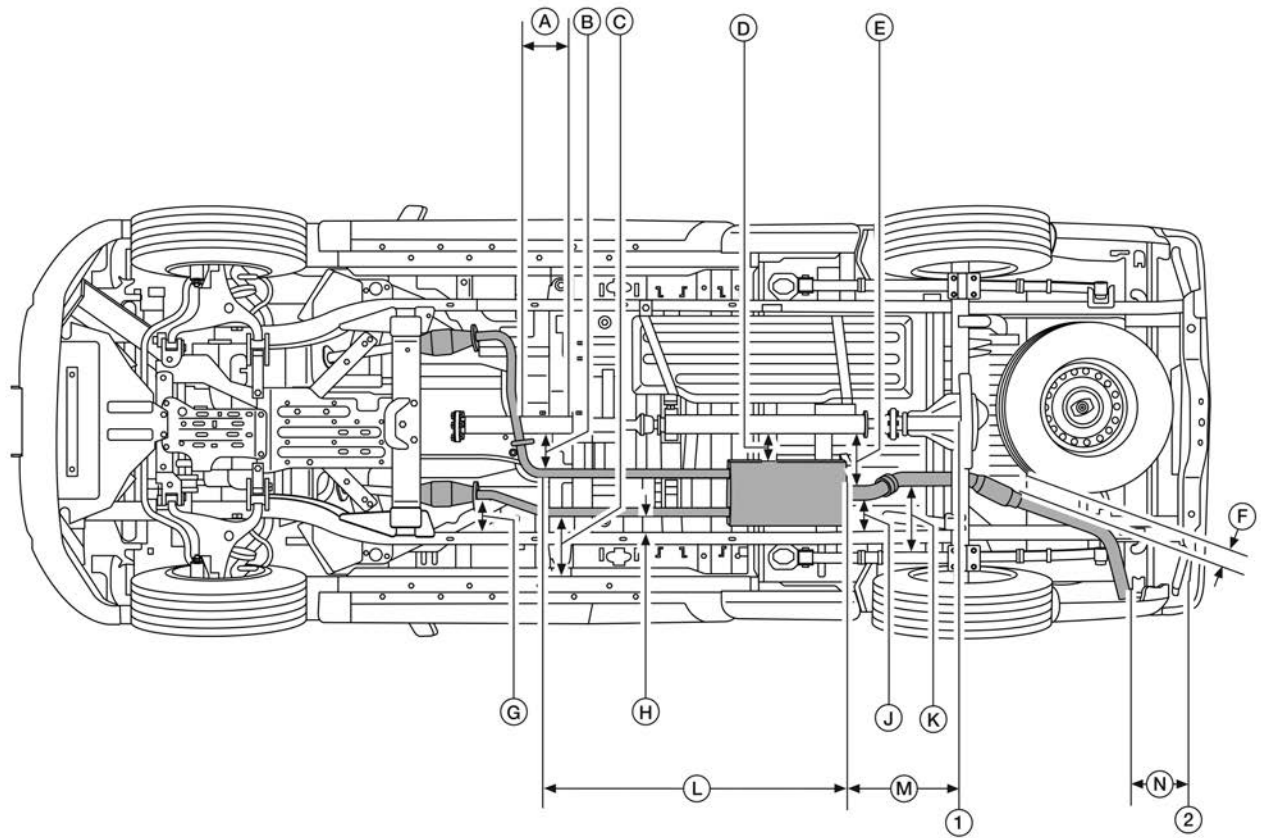
12. Main muffler

A. Always replace after every
disassembly

NOTE:

It is recommended that muffler and central tubes are replaced at the same time because U-bolt deforms tubes of both parts at the installation.

Exhaust Measurements



AAZIA0923ZZ

1. Center line of rear axle

B. 154 mm (6.06 in)

E. 240 mm (9.45 in)

H. 72 mm (2.83 in)

L. 1,431.81 mm (56.37 in)

2. Edge of bed floor panel

C. 286.72 mm (11.29 in)

F. 102.32 mm (4.03 in)

J. 204 mm (8.03 in)

M. 562.94 mm (22.16 in)

A. 234.52 mm (9.23 in)

D. 120 mm (4.72 in)

G. 140 mm (5.51 in)

K. 210 mm (8.27 in)

N. 291.08 mm (11.46 in)

Inspection After Installation

NOTE:

The mounting brackets should not be grounded or touch the rubber insulators after installation.

- With the engine running, check exhaust tube joints for gas leakage and unusual noises.
- Check to ensure that mounting brackets and rubber insulators are installed properly and free from undue stress. Improper installation could result in excessive noise and vibration.

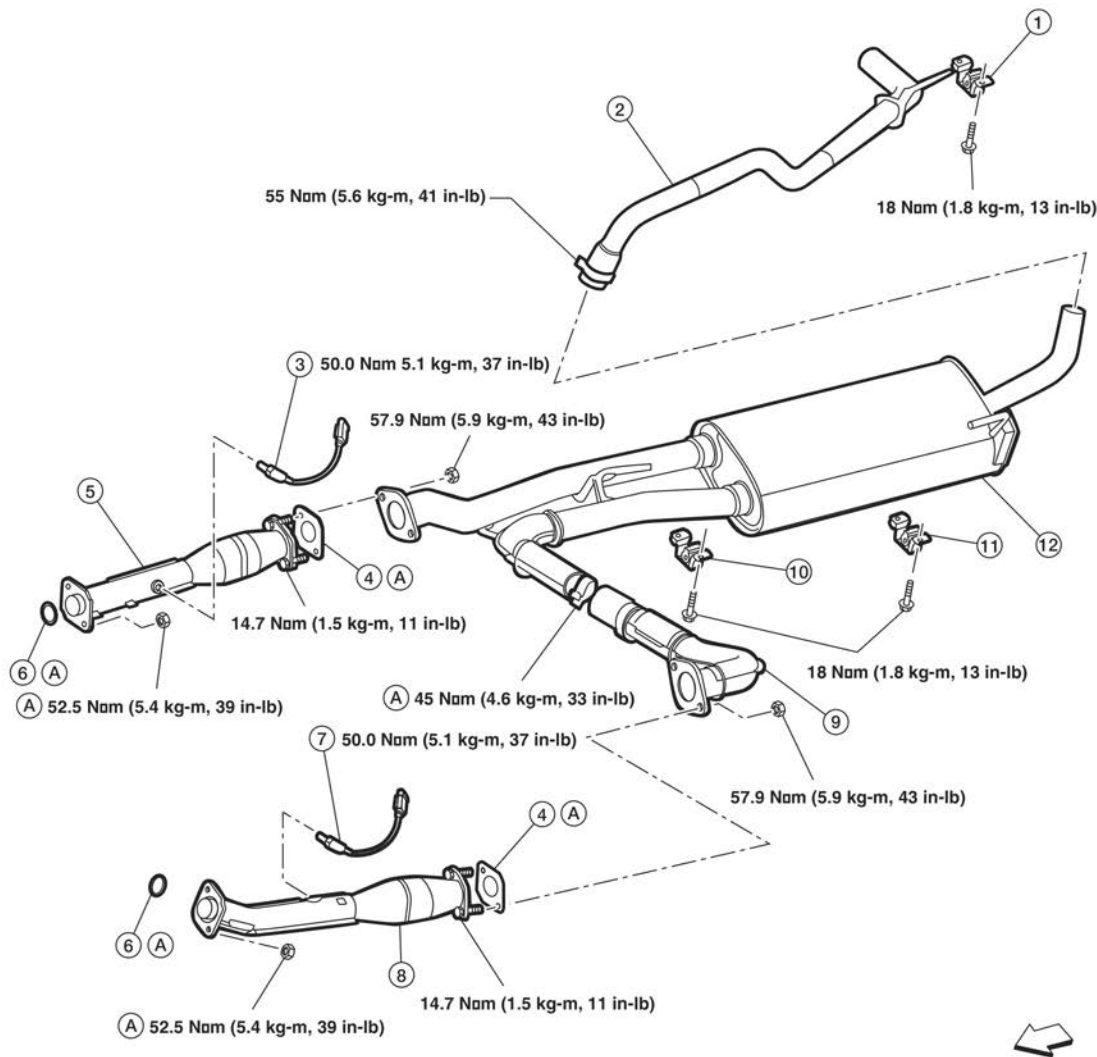
EXHAUST – SINGLE CAB (2017-2019 Model Years)

Exhaust System

**WARNING:**

Exhaust system components can become hot enough during operation and testing to cause burns or ignite and melt combustible materials. The exhaust and exhaust components can remain hot after the vehicle stops moving and has been shut down. To avoid the risk of fire property damage, burns or other serious personal injury, allow the exhaust system to cool before beginning repairs or service. Make sure that no combustible materials are located where they are likely to come in contact with hot exhaust or exhaust components.

Changes to the exhaust system are not recommended.



TGAAZIA0074ZZ

Front of vehicle.

1. Tailpipe hanger bracket

2. Tailpipe

3. Heated oxygen sensor 2
(bank 2)

4. Gasket

5. Exhaust tube (bank 2)

6. Ring gasket

EXHAUST – SINGLE CAB (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

7. Heated oxygen sensor 2
(bank 1)

8. Exhaust tube (bank 1)

9. Center exhaust tube

10. Muffler hanger bracket front

11. Muffler hanger bracket rear

12. Main muffler

A. Always replace after every
disassembly

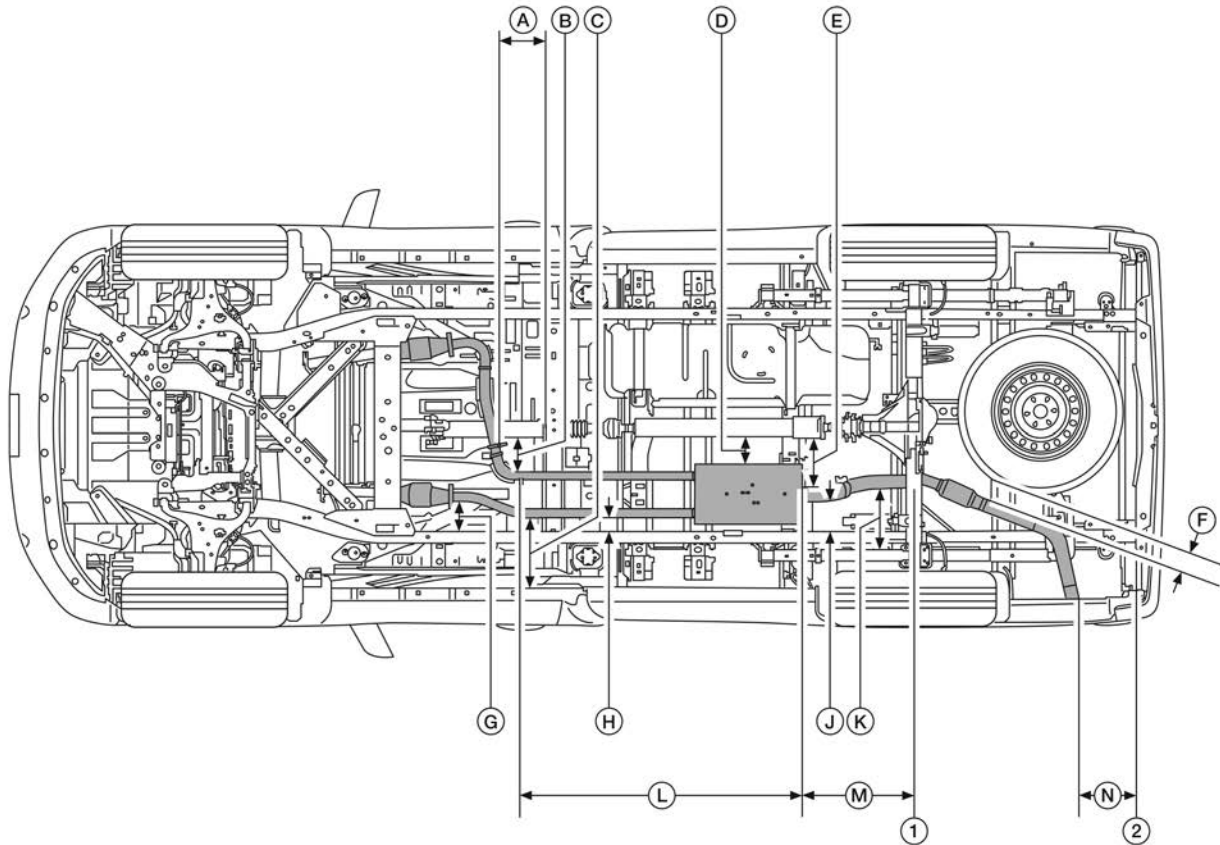
NOTE:

It is recommended that muffler and central tubes are replaced at the same time because U-bolt deforms tubes of both parts at the installation.

EXHAUST – SINGLE CAB (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Exhaust Measurements



AAZIA0869ZZ

1. Center line of rear axle

B. 154 mm (6.06 in)

E. 240 mm (9.45 in)

H. 72 mm (2.83 in)

L. 1,431.81 mm (56.37 in)

2. Edge of bed floor panel

C. 286.72 mm (11.29 in)

F. 102.32 mm (4.03 in)

J. 204 mm (8.03 in)

M. 562.94 mm (22.16 in)

A. 234.52 mm (9.23 in)

D. 120 mm (4.72 in)

G. 140 mm (5.51 in)

K. 210 mm (8.27 in)

N. 291.08 mm (11.46 in)

Inspection After Installation

NOTE:

The mounting brackets should not be grounded or touch the rubber insulators after installation.

- With the engine running, check exhaust tube joints for gas leakage and unusual noises.
- Check to ensure that mounting brackets and rubber insulators are installed properly and free from undue stress. Improper installation could result in excessive noise and vibration.

WHEEL AND TIRE

General

When replacing a tire, use the same size, tread design, speed rating and load carrying capacity as originally equipped.



WARNING:

- The use of tires other than those recommended or the mixed use of tires of different brands, construction (bias, bias-belted or radial), or tread patterns can adversely affect the ride, braking, handling, Vehicle Dynamic Control (VDC) system, ground clearance, body-to-tire clearance, tire chain clearance, speedometer calibration, headlamp aim and bumper height. Some of these effects may lead to accidents and could result in serious personal injury.
- If the wheels are changed for any reason, always replace with wheels which have the same off-set dimension. Wheels of a different off-set could cause premature tire wear, degrade vehicle handling characteristics, affect the VDC system and/or interference with the brake discs. Such interference can lead to decreased braking efficiency and/or early brake pad wear. For additional information on wheel off-set dimensions, refer to [WHEELS AND TIRES \(pg. 585\)](#).
- Since the spare tire is not equipped with the TPMS, when a spare tire is mounted or a wheel is replaced, tire pressure will not be indicated, the TPMS will not function and the low tire pressure warning light will flash for approximately 1 minute. The light will remain on after 1 minute. Have your tires replaced and/or TPMS system reset as soon as possible. It is recommended you visit a NISSAN dealer for this service.
- Replacing tires with those not originally specified by NISSAN could affect the proper operation of the TPMS.
- The TPMS sensor may be damaged if it is not handled correctly. Be careful when handling the TPMS sensor.
- When replacing the TPMS sensor, the ID registration may be required. It is recommended you visit a NISSAN dealer for ID registration.
- Do not use a valve stem cap that is not specified by NISSAN. The valve stem cap may become stuck.
- Be sure that the valve stem caps are correctly fitted. Otherwise the valve may be clogged up with dirt and cause a malfunction or loss of pressure.
- Do not install a damaged or deformed wheel or tire even if it has been repaired. Such wheels or tires could have structural damage and could fail without warning.
- The use of retread tires is not recommended.



CAUTION:

Always use tires of the same type, size, brand, construction (bias, bias-belted or radial), and tread pattern on all four wheels. Failure to do so may result in a circumference difference between tires on the front and rear axles which will cause excessive tire wear and may damage the transmission, transfer case and differential gears.

STEERING AND SUSPENSION

Vehicle Handling Information



WARNING:

- Changes made to the vehicle that significantly affect the ride height may cause vehicle control problems during sharp turns or sudden steering maneuvers. Any maneuvers of this type could result in an accident. The steering gear, intermediate shaft, coupling shaft, linkage, column, and steering wheel should not be altered or relocated. Steering linkage travel should not be restricted.



WARNING:

- Because the heat from welding on or near the suspension or steering components may damage or weaken the components, it is not authorized.
- Welding equipment should not be grounded to any of the suspension components.
- Any new components attached to the steering column or its components must not interfere with the steering column performance during either normal operation or crash situations.
- New components and/or the vehicle load must not exceed the front and rear GAWRs, GVWR, the CG or the UVW.

NOTE:

The aftermarket equipment manufacturer, second stage manufacturer, and upfitter are responsible for maintaining or restoring the front wheel alignment after modifications to the vehicle are complete. The straight ahead orientation of the steering wheel must be maintained when re-adjusting the front wheel alignment. Changes to the vehicle center of gravity will affect handling. The upfitter is responsible for maintaining compliance with the Federal or Canada Motor Vehicle Safety Standards and Nissan guidelines, in regards to the center of gravity and vehicle handling characteristics.

DRIVELINE



CAUTION:

- The front axle, rear axle, transfer case, and transmission vent hoses must not be bent, pinched, or obstructed, as these components could be damaged or malfunction.
- Any deviation from Nissan specifications may adversely affect powertrain operation, including engine, transmission, transfer case or component reliability. The aftermarket equipment manufacturer, second stage manufacturer, and upfitter are responsible for maintaining the specifications after the completion of any modifications.
- Additional brackets, bars, or supports [including an equalizing-type trailer hitch or auxiliary suspension systems (springs)] must not be welded to the axle assembly.

TRANSMISSION



CAUTION:

- The engine and transmission position must not be altered.
- The transmission vent must not be altered, pinched, collapsed, restricted or relocated.
- The spacing for tool access for transmission adjustments or removal must be maintained.
- Transmission oil cooler lines should not be kinked, bent or restricted. All oil cooler lines must be properly retained with adequate clips.
- Transmission identification tags must not be removed or destroyed.
- All transmission wire harness routing, locating clips, heat shielding, and clearance to the exhaust must be maintained as installed by the factory.

NOTE:

The automatic transmission has a shift by wire function. A discharged battery has the following affects:

- The automatic transmission cannot be shifted into neutral or park positions. Please follow the service manual procedures for restoring battery power or towing the vehicle.

FRAME**WARNING:**

Failure to follow the recommendations below may weaken the vehicle frame, which could result in death or serious injury.

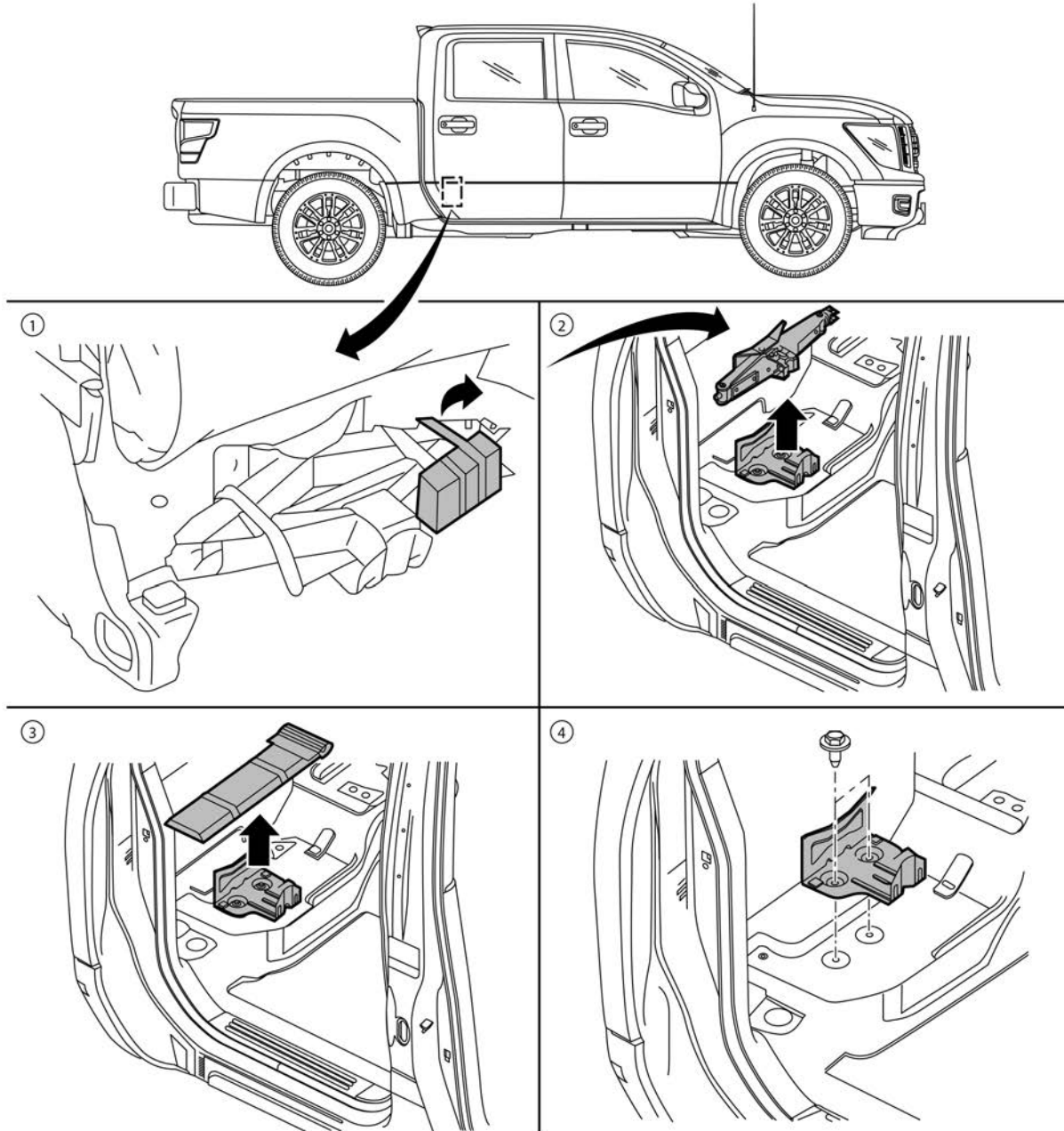
- Do not weld on any part of the frame.
- Do not modify or alter the front crush horns. Modifications or alterations could adversely affect the vehicle in a crash.
- Only use Genuine NISSAN front tow hooks.
- Drilling holes in the frame is not authorized.

JACK — CREW CAB

Jack Storage

NOTE:

Jack and tools are stored under RH rear seat.

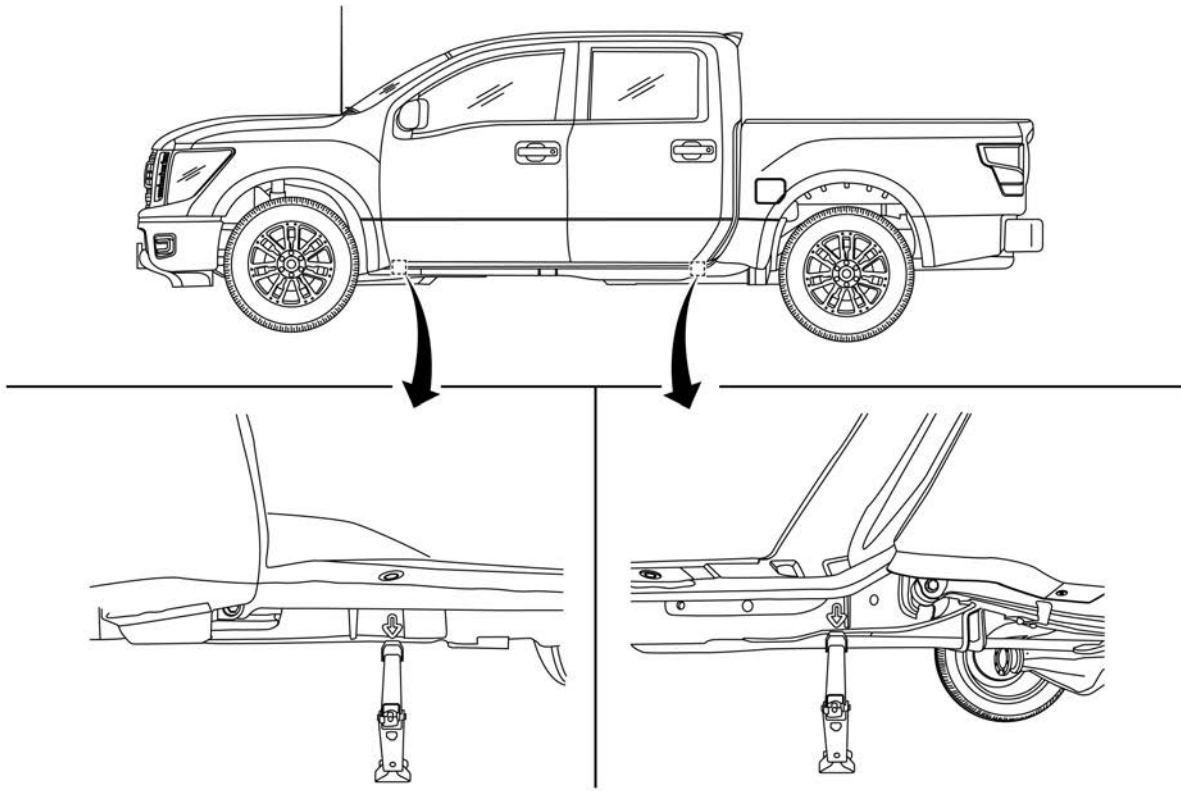


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JACK — CREW CAB

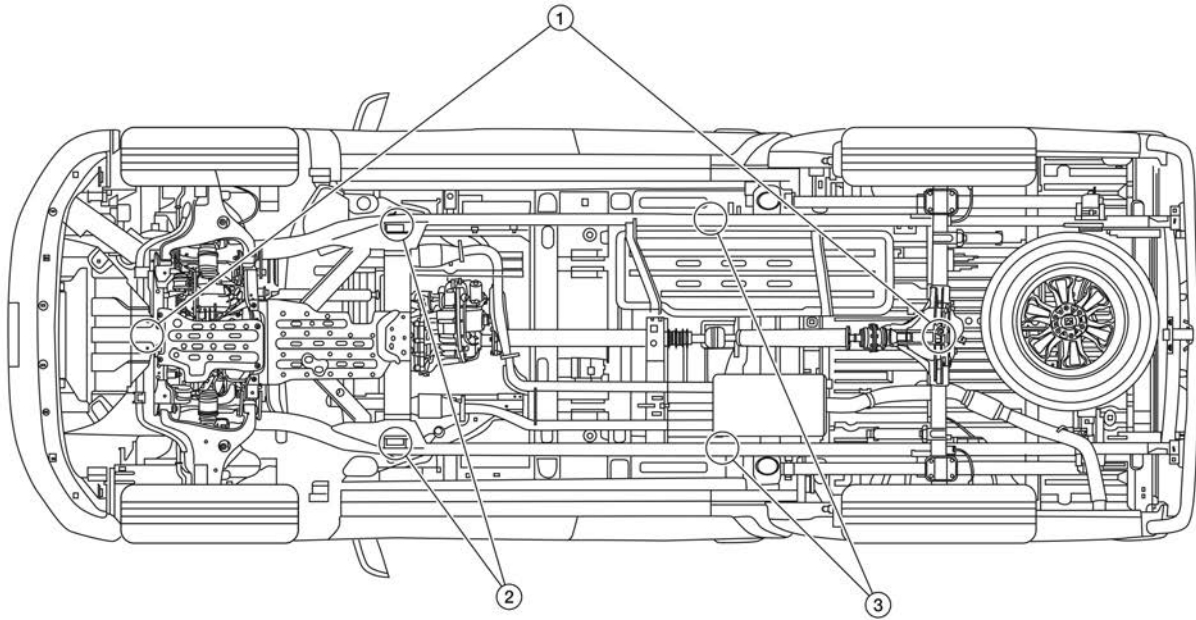
[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Jacking and Lifting Points



AAZIA0687ZZ

Garage Jack Points



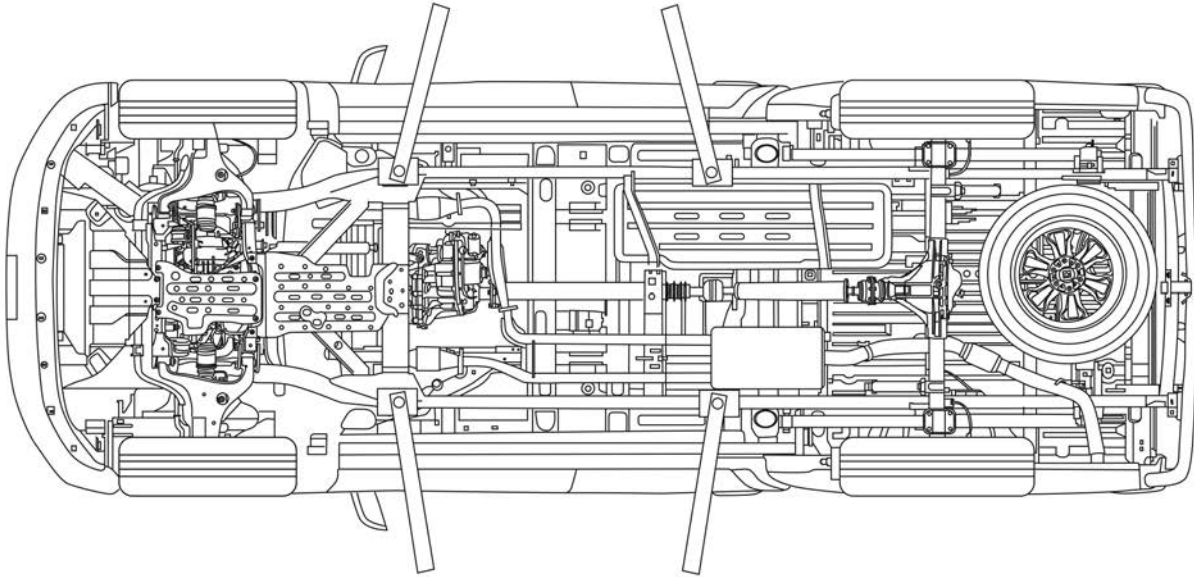
AAZIA0871ZZ

1. Jack points

2. Front safety stand points

3. Rear safety stand points

2 Pole Lift Points



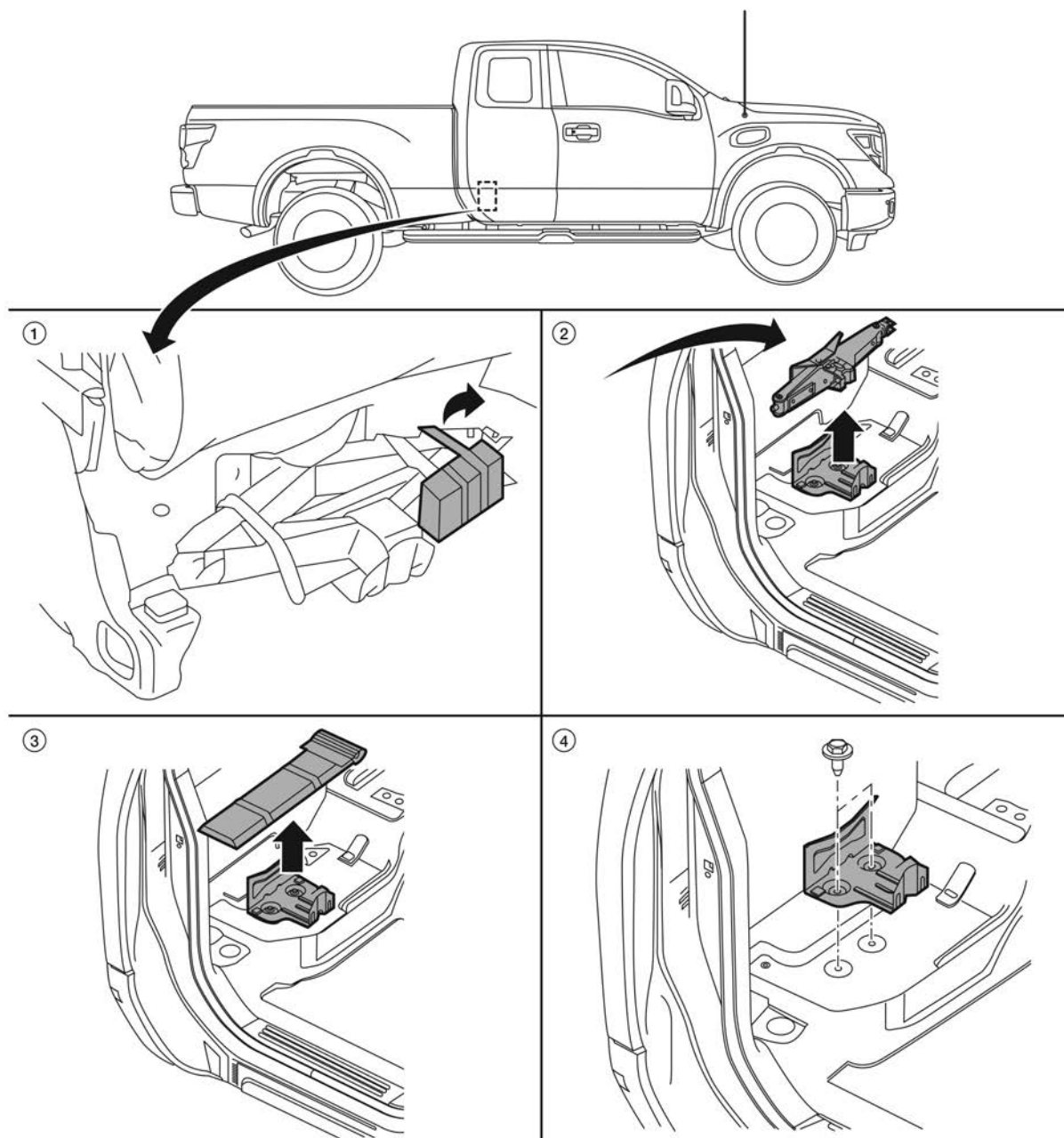
AAZIA0872ZZ

JACK — KING CAB®

Jack Storage—Vehicles With Rear Seat

NOTE:

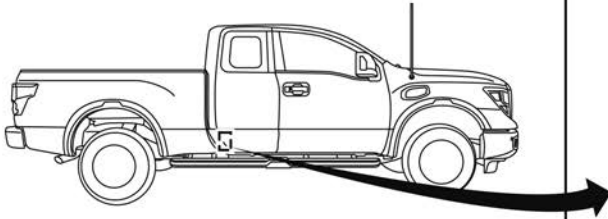
Jack and tools are stored under RH rear seat.



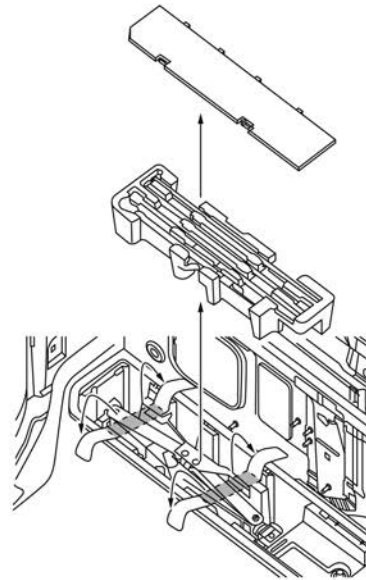
AAZIA0917ZZ

Jack Storage — Vehicles With Rear Seat Delete

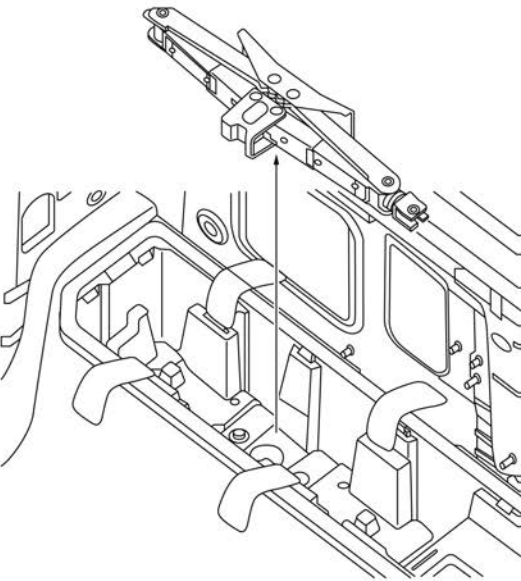
①



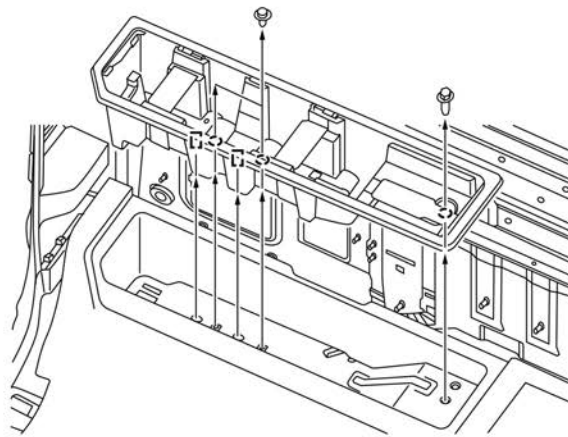
②



③

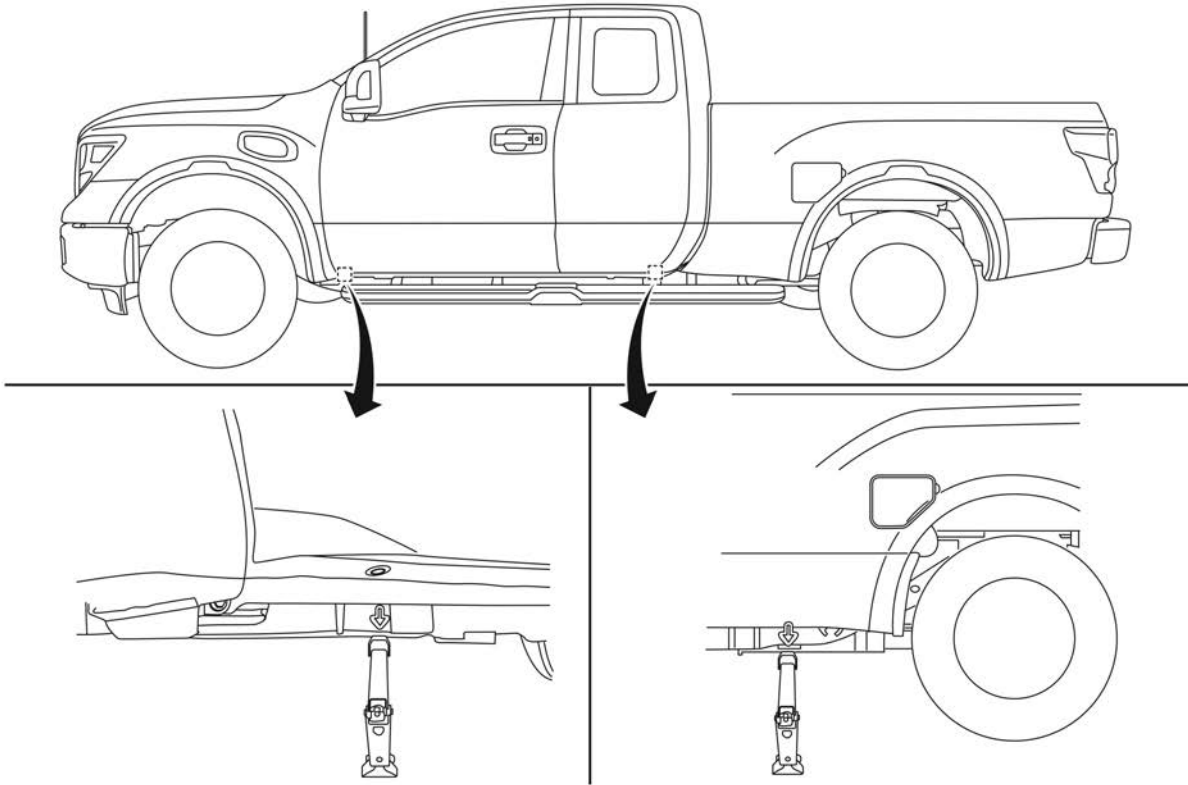


④



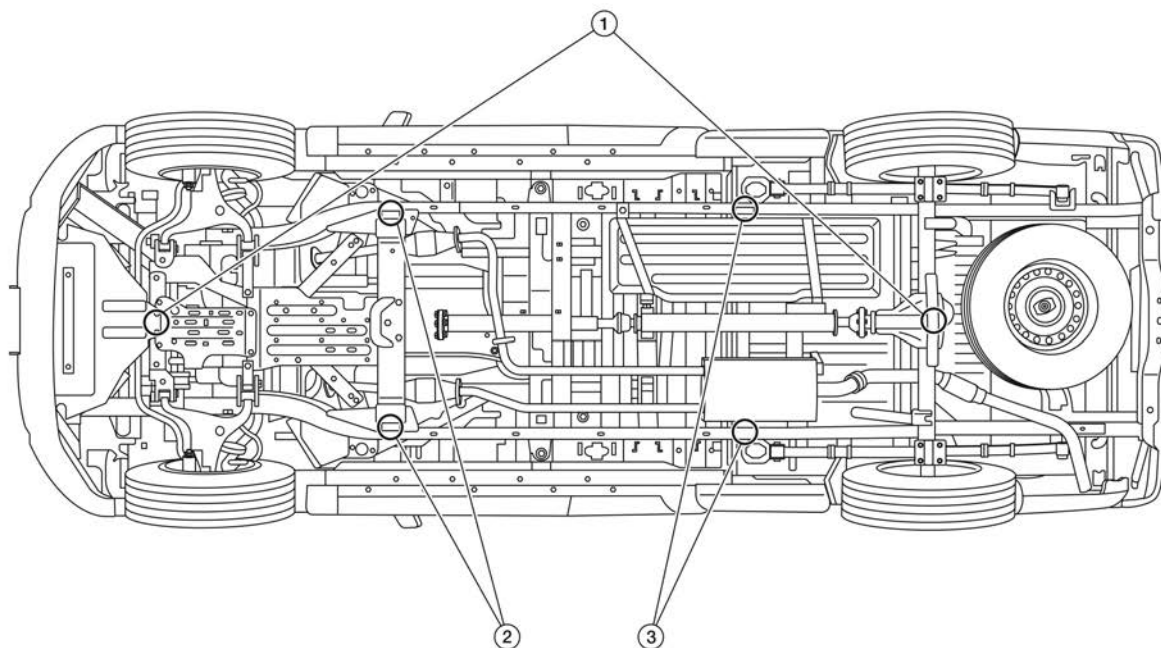
AAZIA0948ZZ

Jacking and Lifting Points



AAZIA0915ZZ

Garage Jack Points



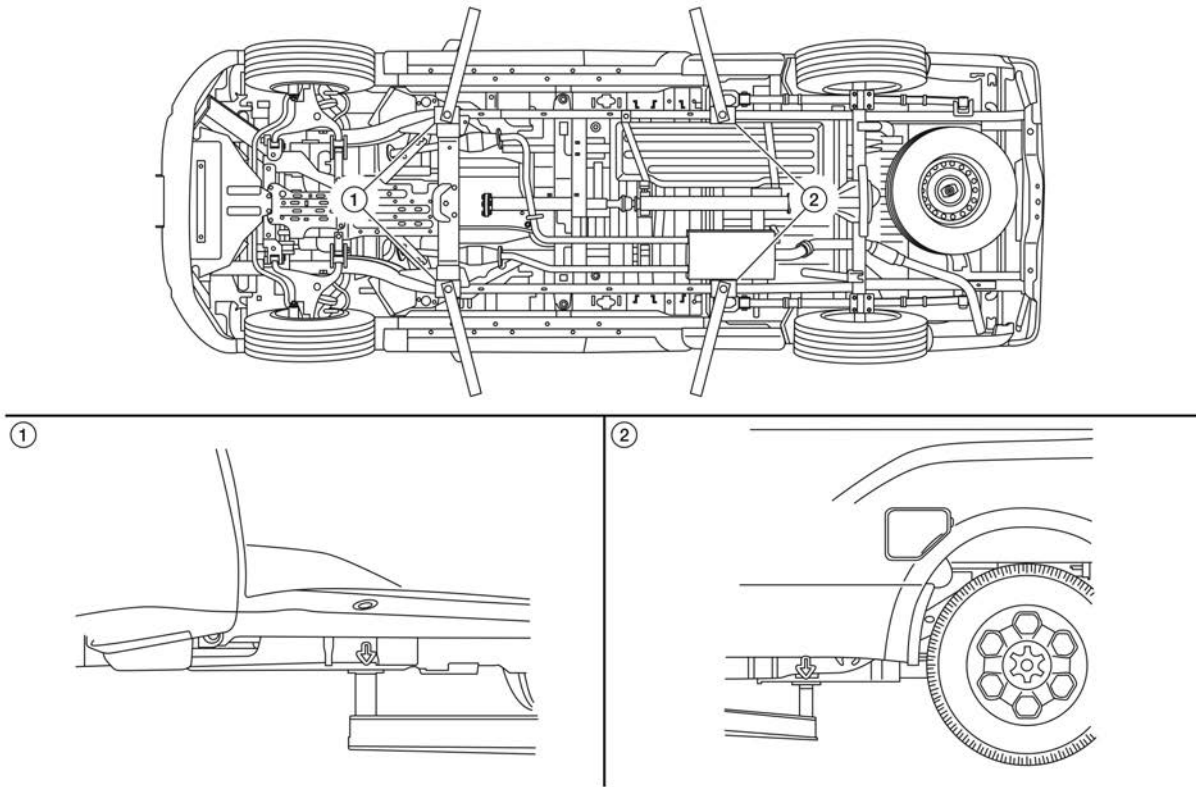
AAZIA0944ZZ

1. Jack points

2. Front safety stand points

3. Rear safety stand points

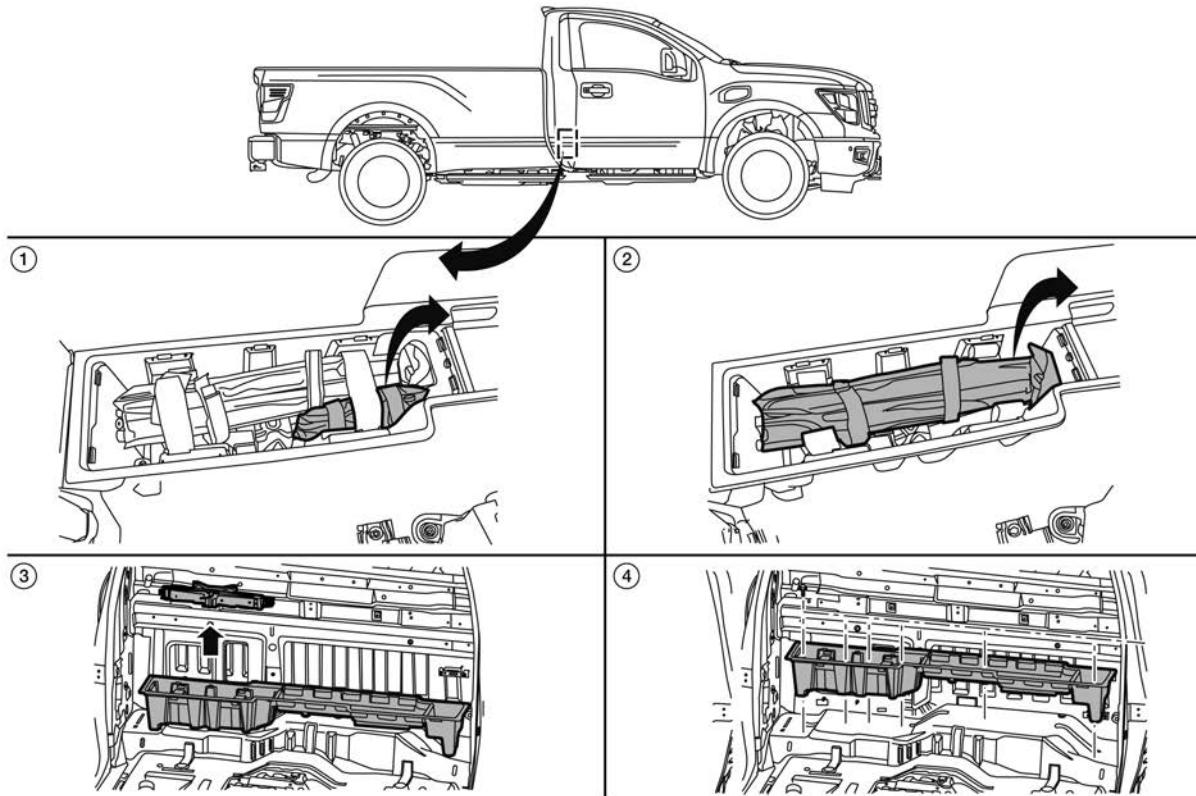
2 Pole Lift Points



AAZIA0945ZZ

JACK — SINGLE CAB (2017-2019 Model Years)

Jack Storage

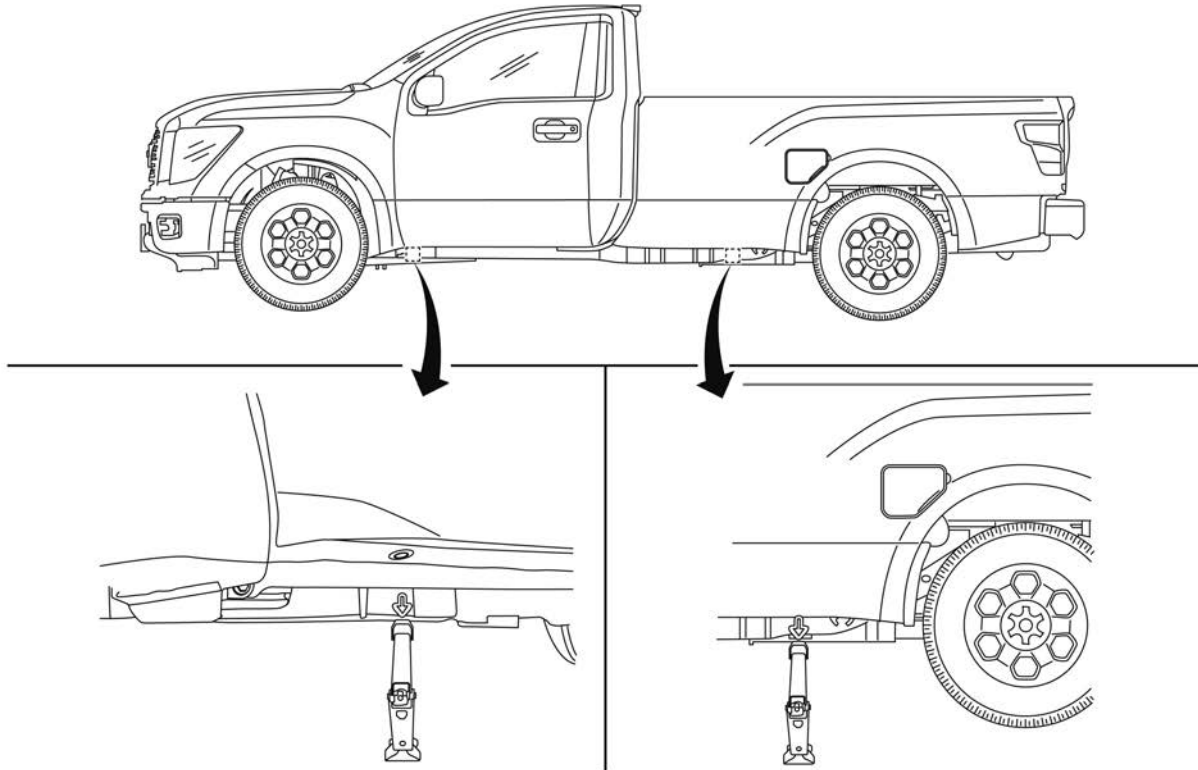


AAZIA0839ZZ

JACK — SINGLE CAB (2017-2019 Model Years)

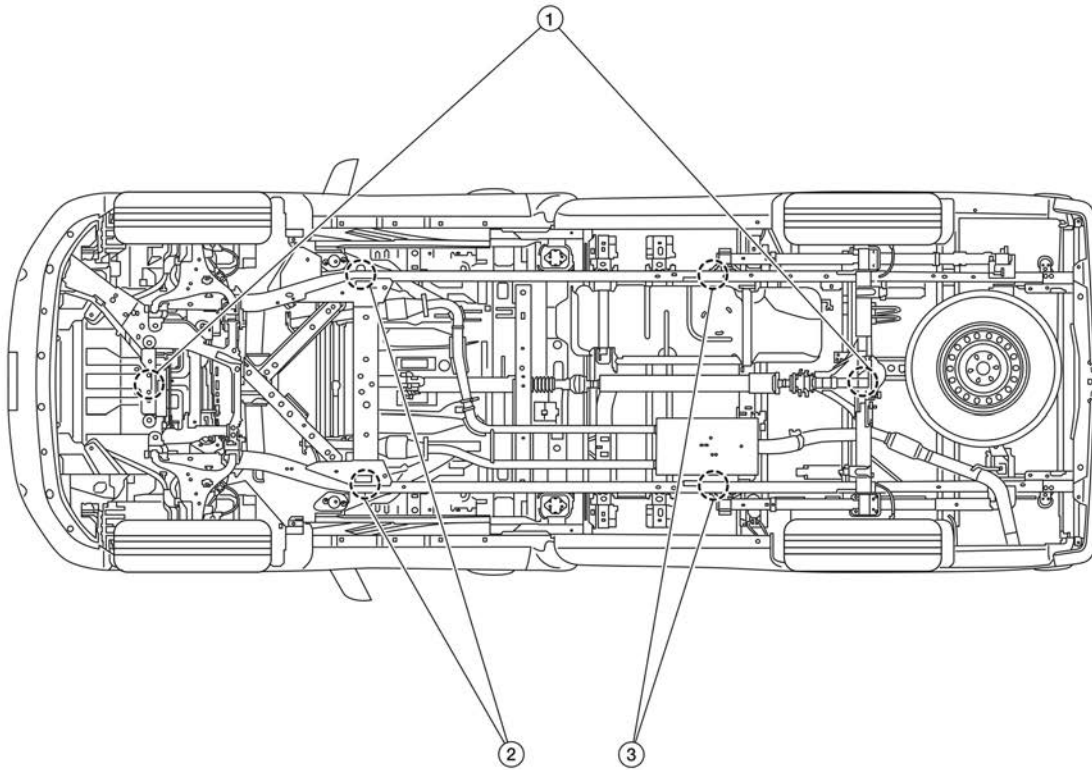
[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Jacking and Lifting Points



AAZIA0856ZZ

Garage Jack Points



AAZIA0873ZZ

1. Jack points

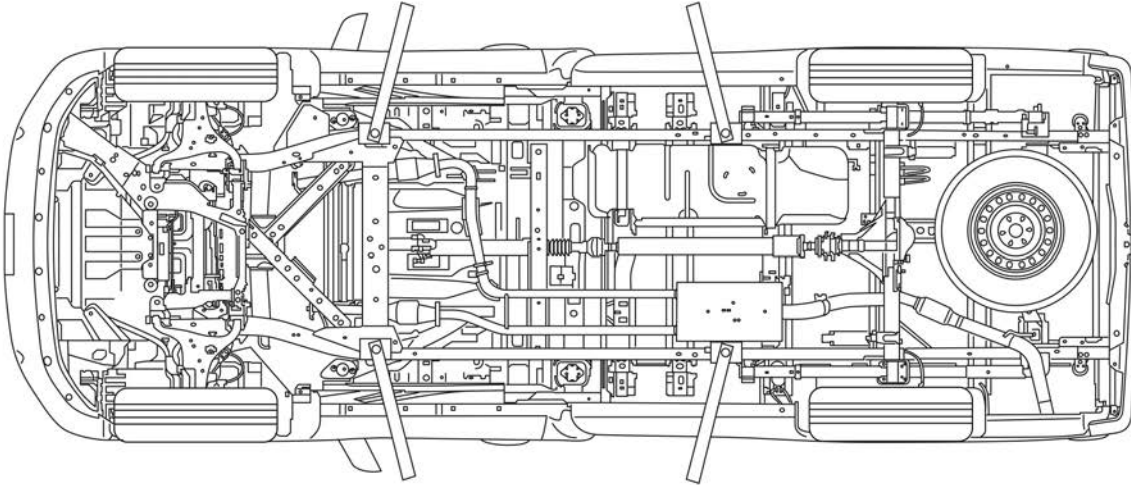
2. Front safety stand points

3. Rear safety stand points

JACK — SINGLE CAB (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

2 Pole Lift Points



AAZIA0874ZZ

HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

Precaution in Repairing High Strength Steel (HSS)



WARNING:

- While working, suitable work clothes, a work cap and safety shoes must be worn. To prevent burns, a long sleeve shirt and trousers must also be worn and must not be taken off under any circumstance.
- Before starting repair work, be sure to disconnect the negative terminal of the battery.
- Pay attention to ventilation and health of the operators.
- Paint and sealants may generate poisonous gases when heated by fire.



WARNING:

Do not heat, bend, or cut high strength steel or the structural integrity of the vehicle may be compromised.

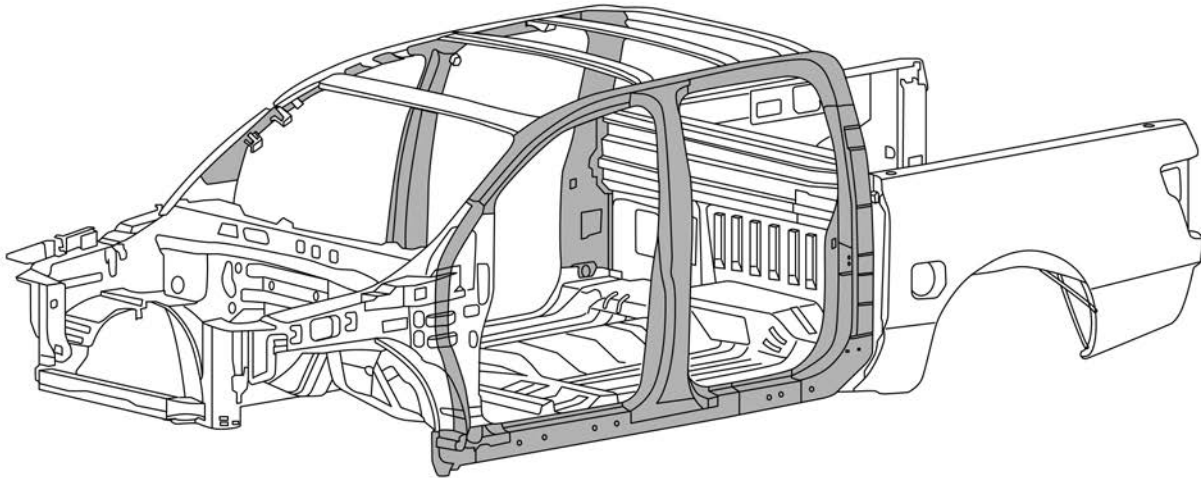
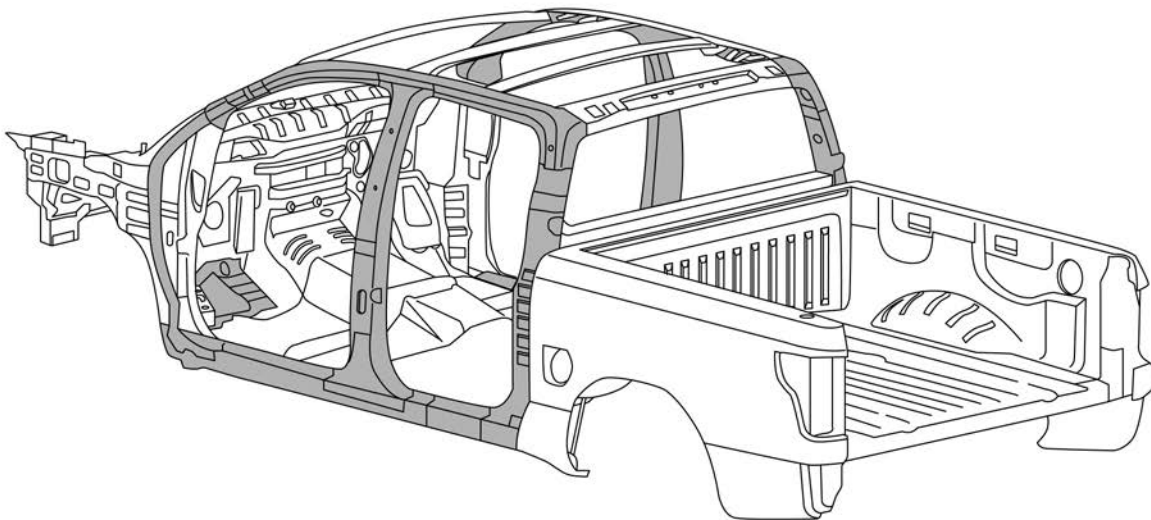
HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

High Strength Steel Locations — Crew Cab

The grey shading in the following illustrations indicate body areas with high strength steel (HSS).

Cab and Bed area

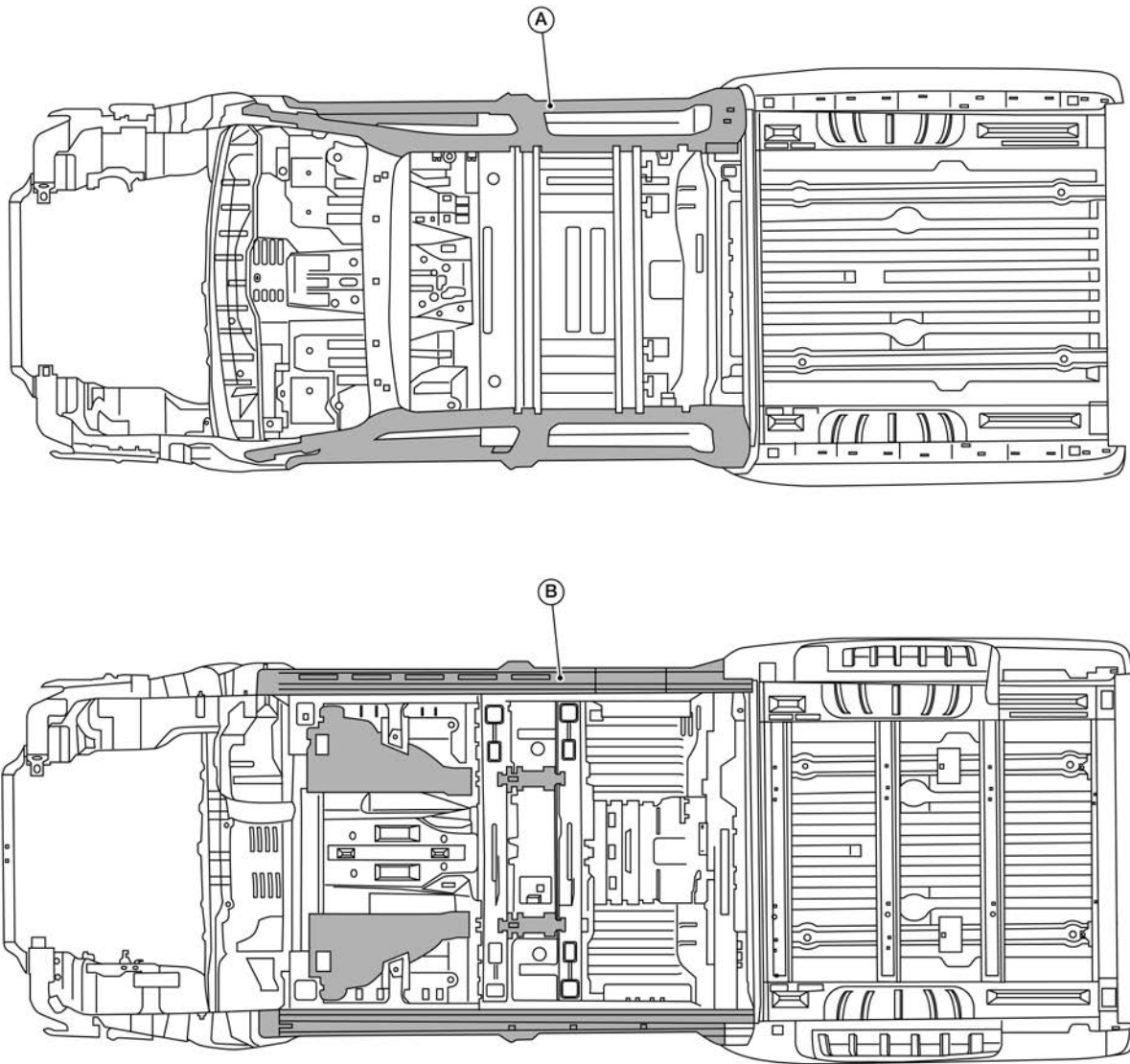


TGAAZIA0149ZZ

HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Floor



TGAZIA0148ZZ

A: Top view

B: Underside view

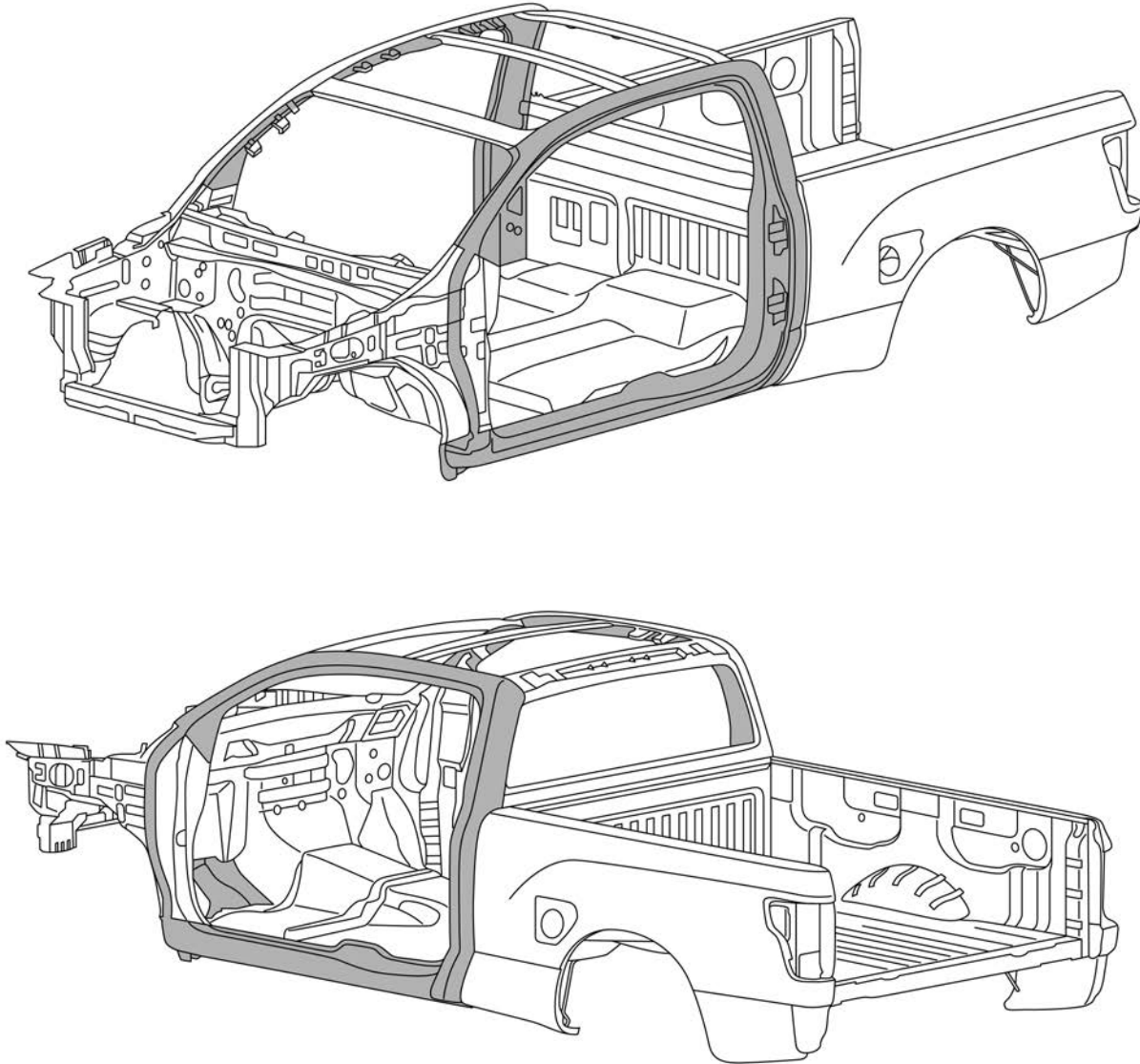
HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

High Strength Steel Locations — King Cab®

The grey shading in the following illustrations indicate body areas with high strength steel (HSS).

Cab and Bed area

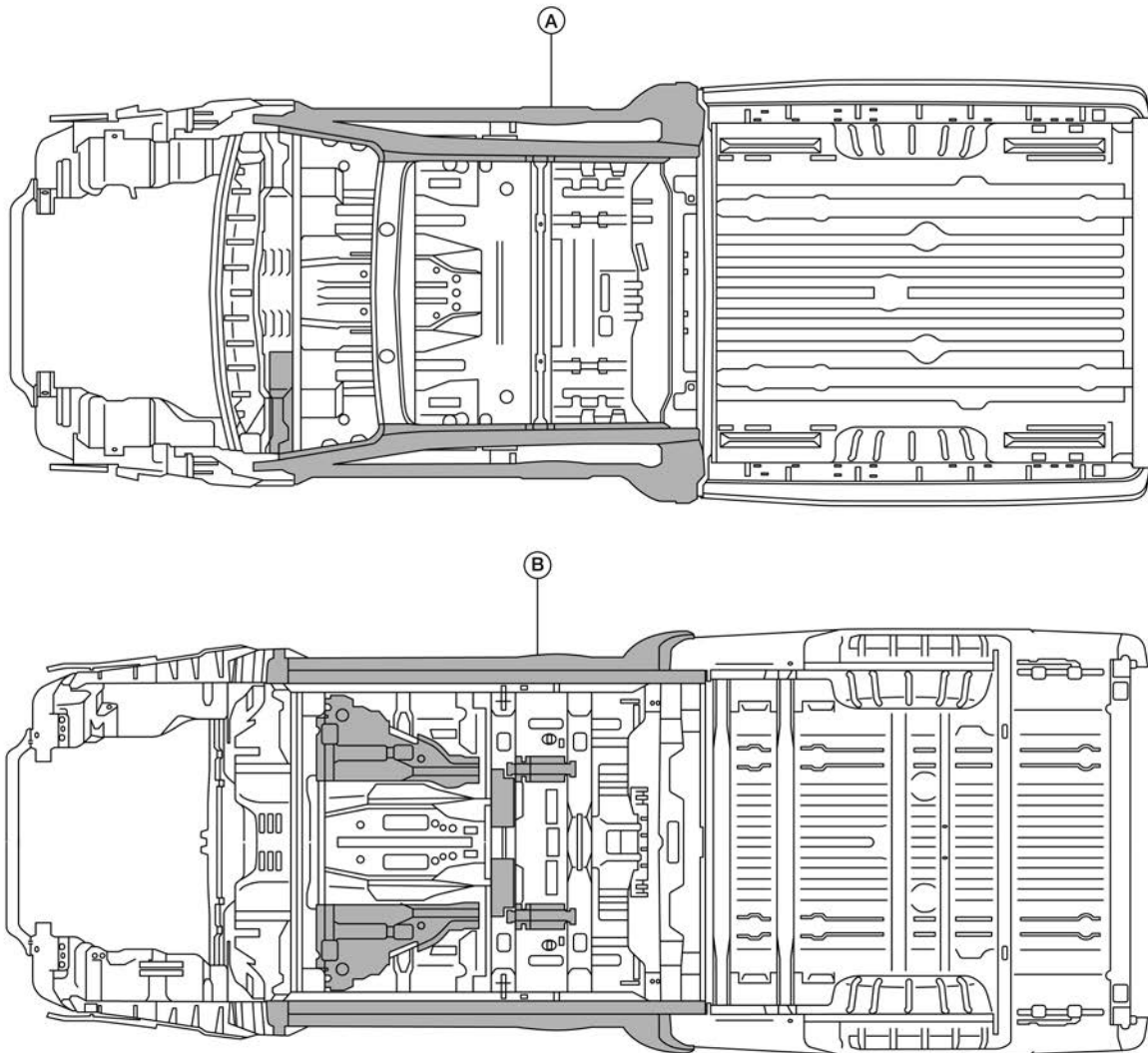


TGAAZIA0147ZZ

HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Floor



TGAAZIA0146ZZ

A: Top view

B: Underside view

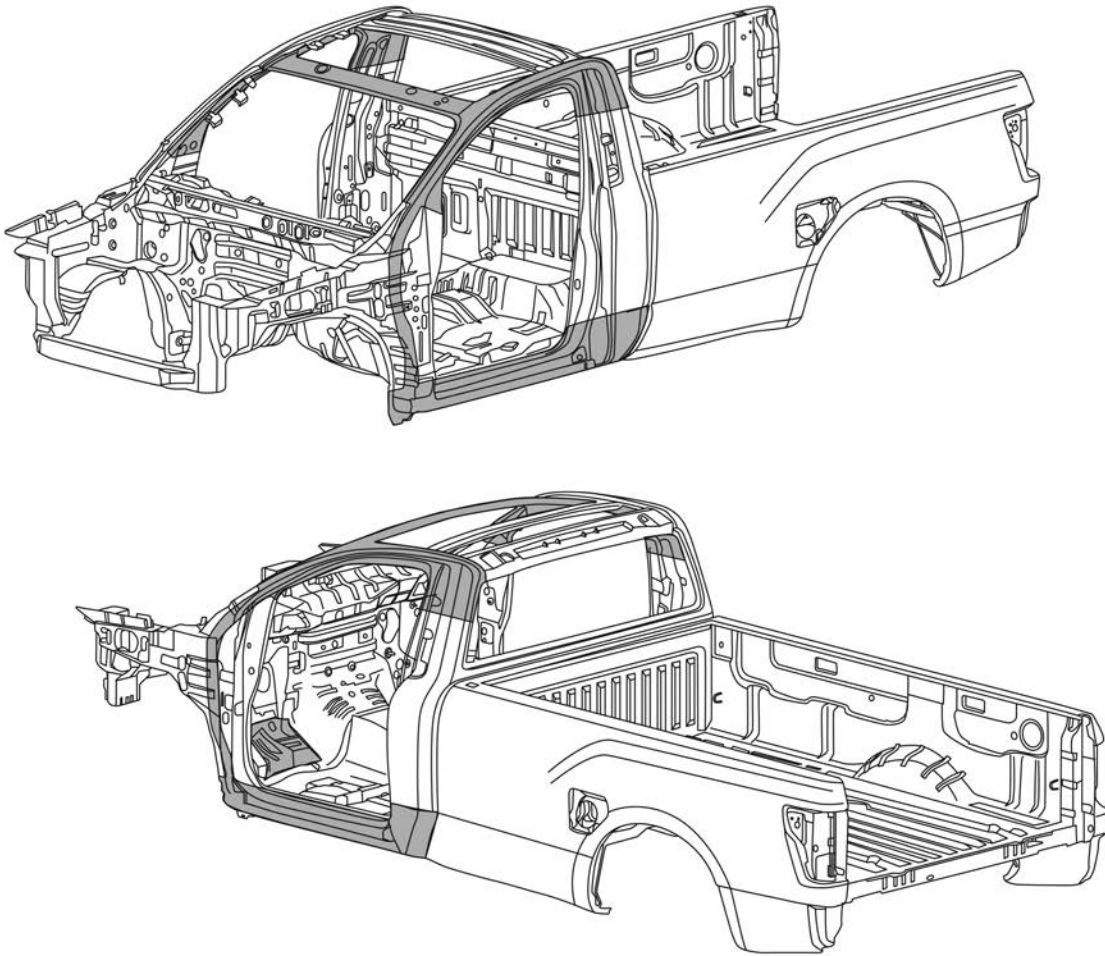
HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

High Strength Steel Locations — Single Cab (2017-2019 Model Years)

The grey shading in the following illustrations indicate body areas with high strength steel (HSS).

Cab and Bed area

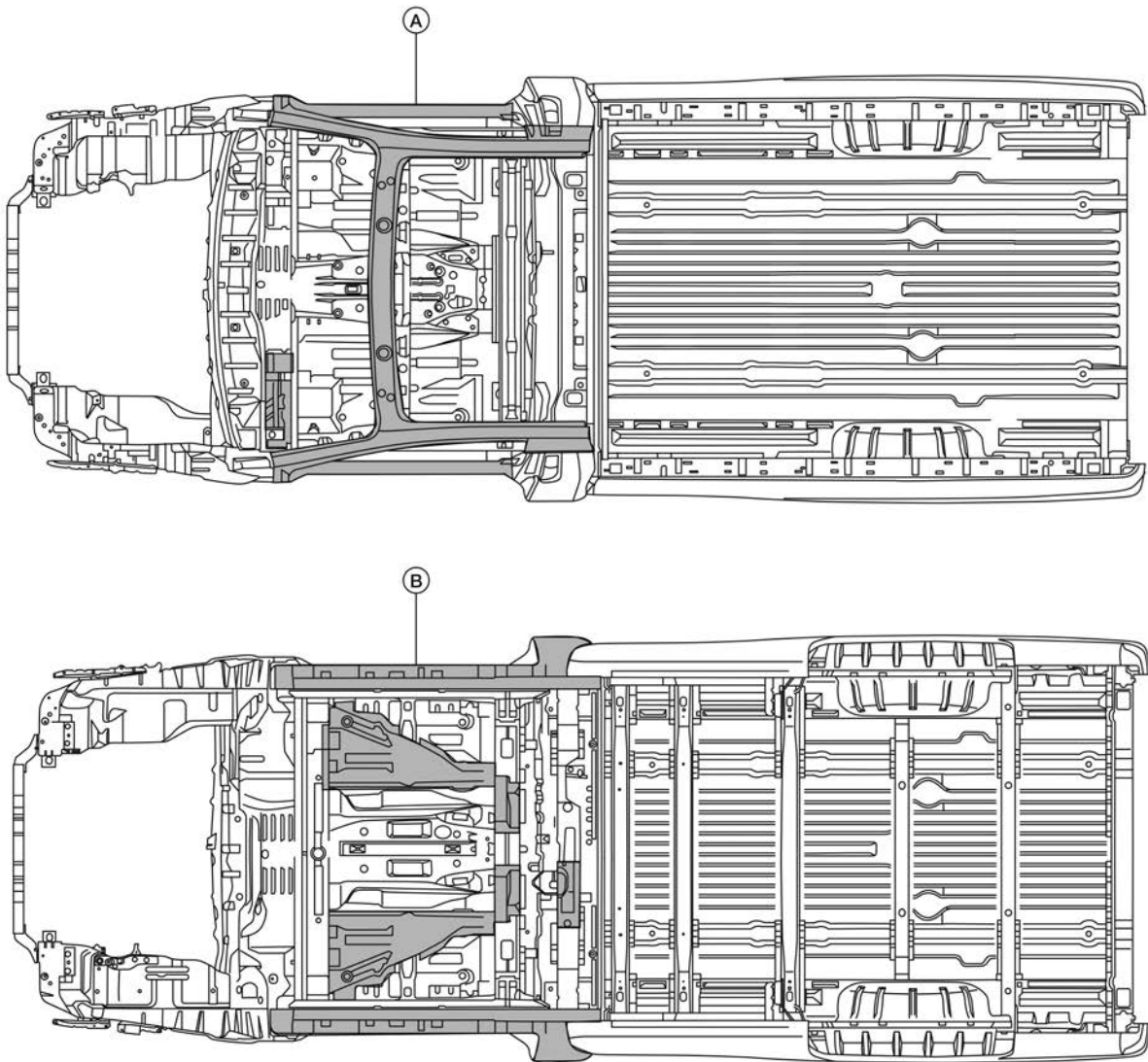


AAZIA0824ZZ

HIGH STRENGTH STEEL LOCATIONS (2017-2019 Model Years)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Floor



TGAZIA0003ZZ

A: Top view

B: Underside view

HIGH STRENGTH STEEL LOCATIONS (Starting 2020 model year)

Precaution in Repairing High Strength Steel (HSS)



WARNING:

- While working, suitable work clothes, a work cap and safety shoes must be worn. To prevent burns, a long sleeve shirt and trousers must also be worn and must not be taken off under any circumstance.
- Before starting repair work, be sure to disconnect the negative terminal of the battery.
- Pay attention to ventilation and health of the operators.
- Paint and sealants may generate poisonous gases when heated by fire.



WARNING:

Do not heat, bend, or cut high strength steel or the structural integrity of the vehicle may be compromised.

HIGH STRENGTH STEEL LOCATIONS (Starting 2020 model year)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

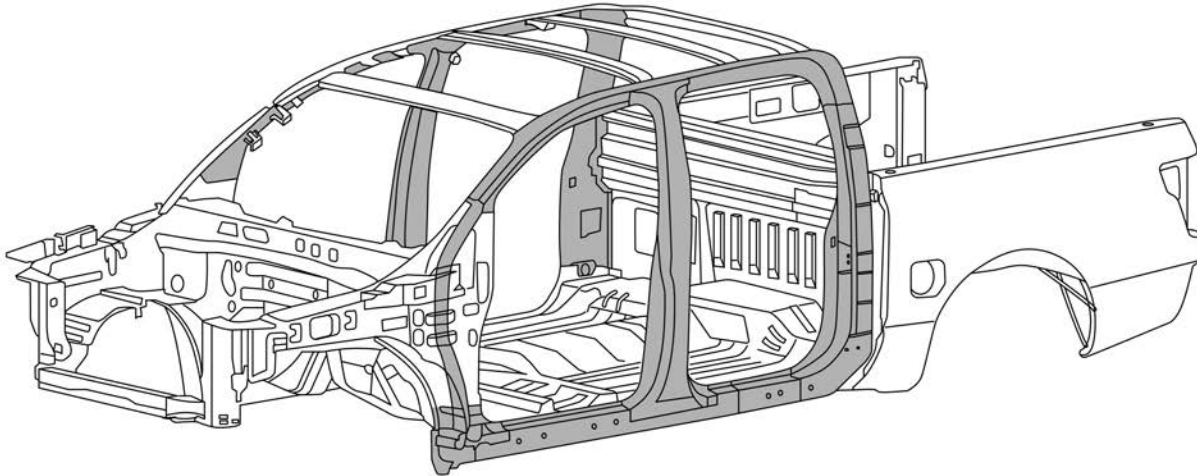
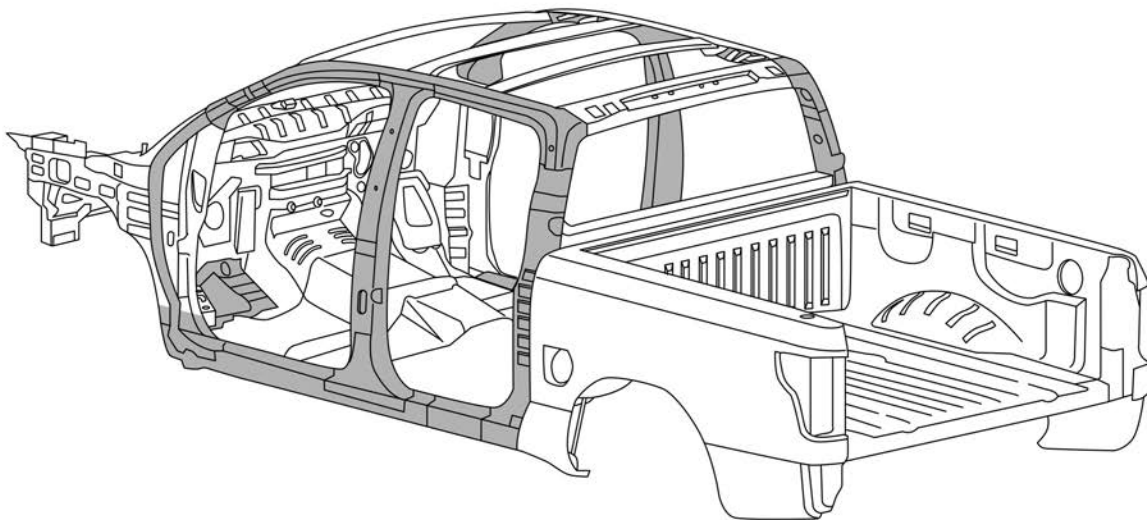
High Strength Steel Locations — Crew Cab

NOTE:

The addition of a moonroof (starting 2020 model year) has no impact to the high strength steel locations.

The grey shading in the following illustrations indicate body areas with high strength steel (HSS).

Cab and Bed area

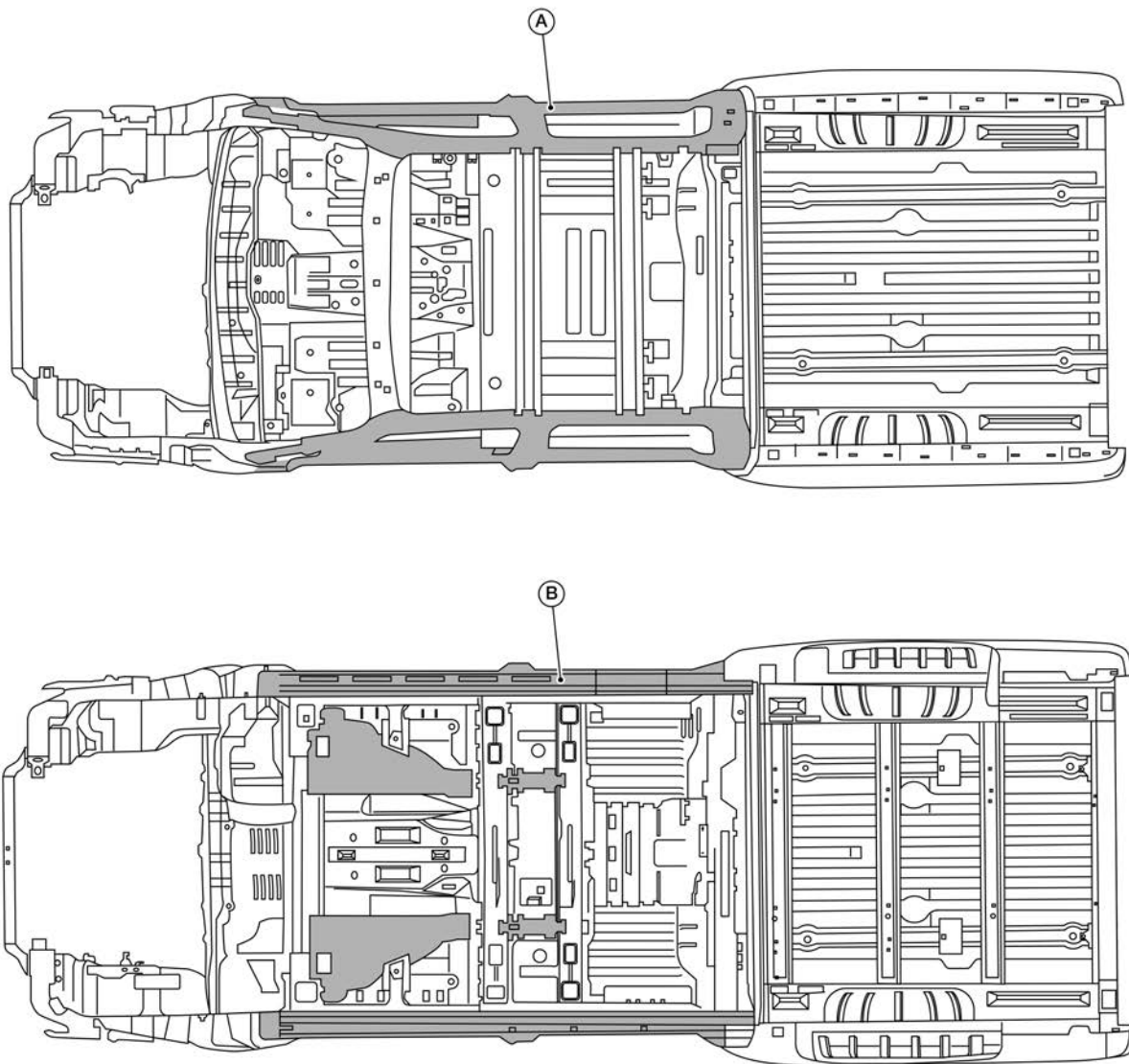


TGAZIA0158ZZ

HIGH STRENGTH STEEL LOCATIONS (Starting 2020 model year)

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Floor



TGAZIA0159ZZ

A: Top view

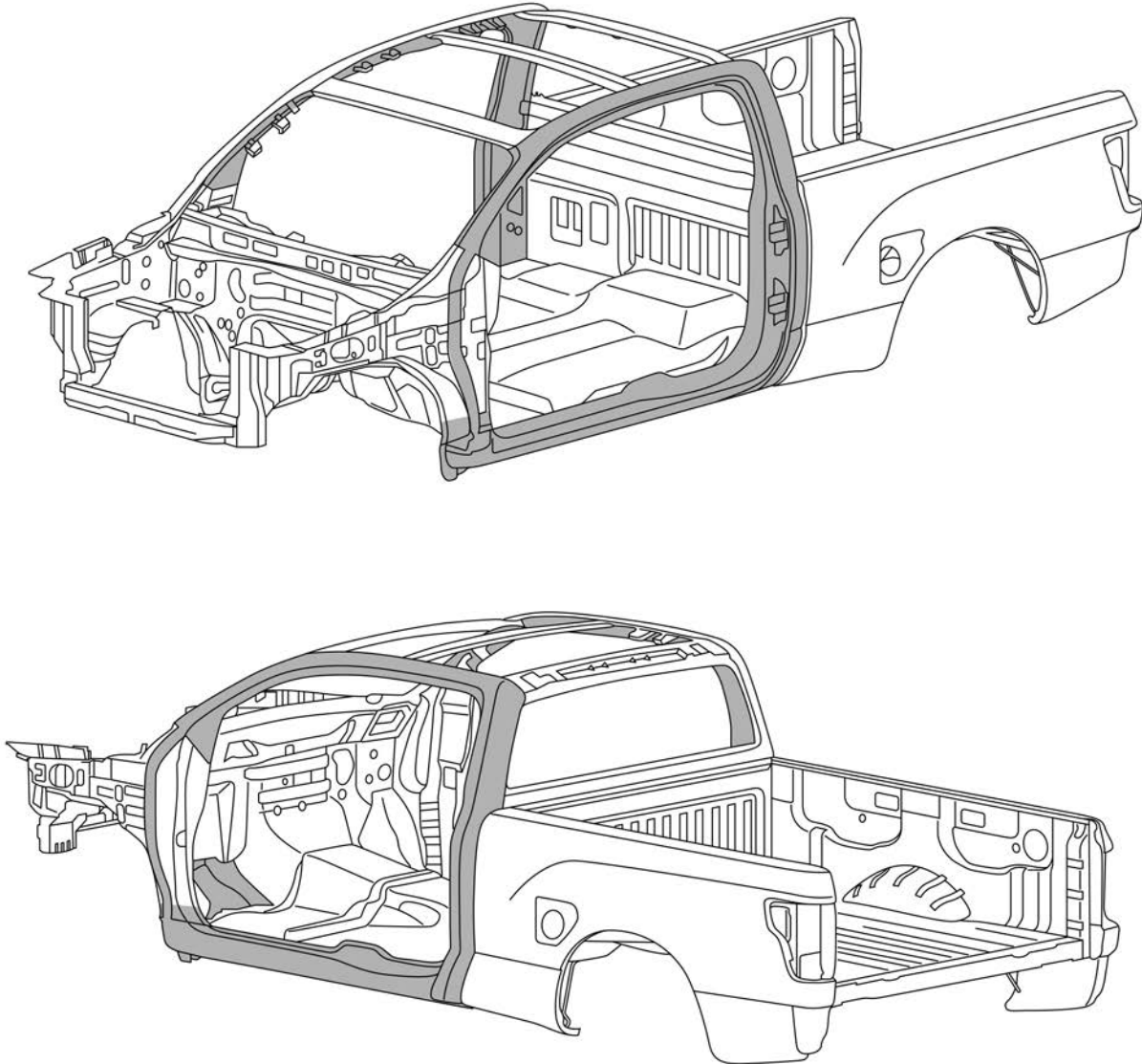
B: Underside view

HIGH STRENGTH STEEL LOCATIONS (Starting 2020 model year) [DESIGN REQUIREMENTS FOR MODIFICATIONS]

High Strength Steel Locations — King Cab®

The grey shading in the following illustrations indicate body areas with high strength steel (HSS).

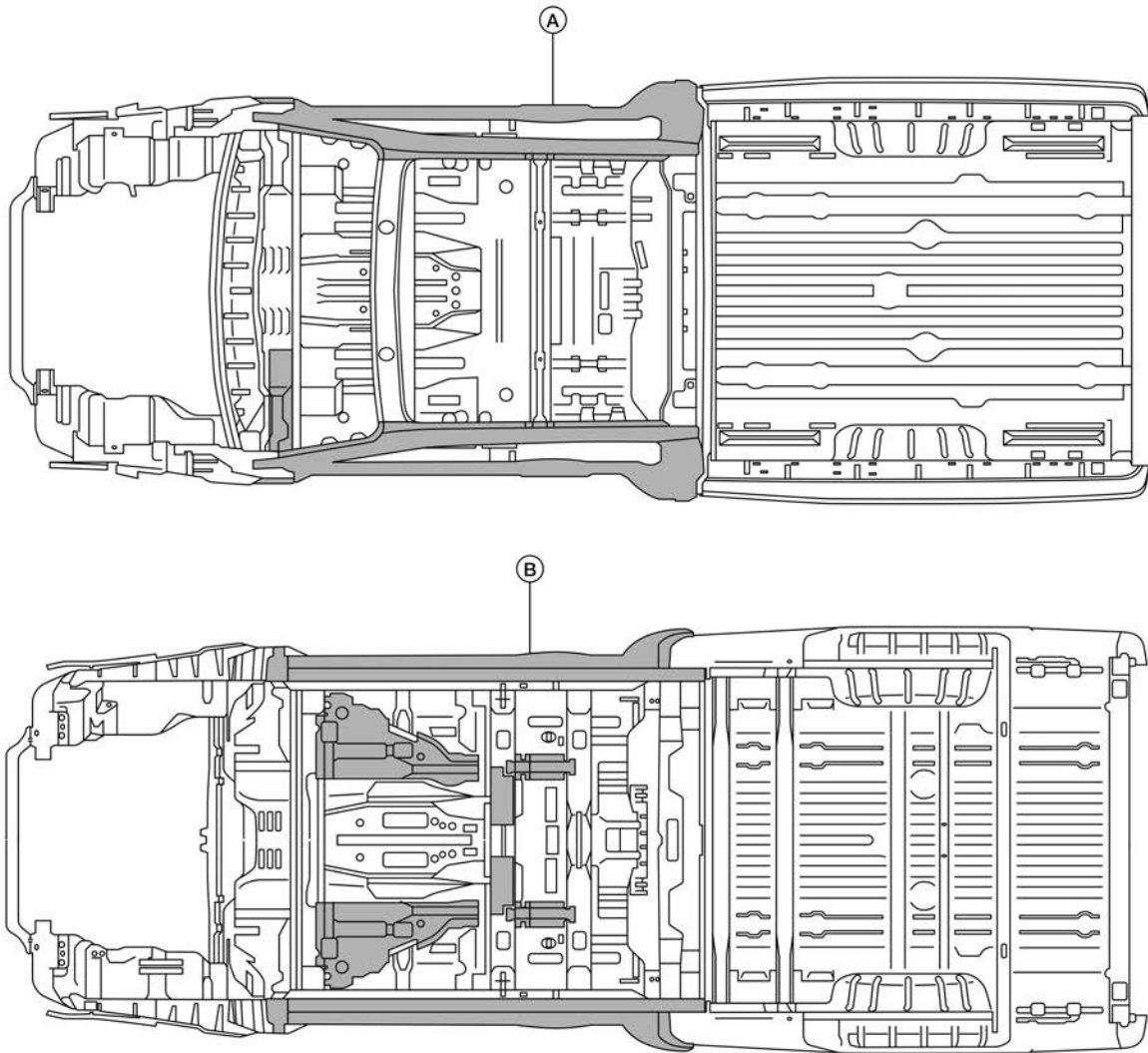
Cab and Bed area



TGAAZIA0160ZZ

HIGH STRENGTH STEEL LOCATIONS (Starting 2020 model year) [DESIGN REQUIREMENTS FOR MODIFICATIONS]

Floor



TGAZIA0161ZZ

A: Top view

B: Underside view

WELDING



WARNING:

Do not heat, bend, or cut high strength steel or the structural integrity of the vehicle may be compromised.

Refer to Service Manual BRM section for welding information.

VEHICLE INTERIOR

Modifications in the Vehicle Interior

General



WARNING:

The body builder, conversion company or dealer are responsible for making sure the modifications or installed equipment do not affect the safety of the vehicle, including modifications which may result in a collision, property damage, personal injury or death, such as but not limited to:

- The modifications should not affect the operation of the control units (pedals, switches, rods, etc.) located in the area affected by the modification.
- The ergonomic access to the controls for the driver must not be prevented by the installation of new components.
- The aftermarket equipment manufacturer, second stage manufacturer, and upfitter must ensure that any modifications that have been made to the cabin still meet the legal requirements regarding the interior and exterior characteristics.

After any modifications to the body that affect the acoustic and thermal insulation, the vehicle should be returned to a state that meets or exceeds its originally manufactured condition.

Any modifications made by the aftermarket equipment manufacturer, second stage manufacturer, and upfitter must be properly sealed to protect against corrosion.

No new holes should be drilled to allow for attaching any new components to the roof of the cabin.

All components that pass through the external sheet metal (for electric cables, telephone aerials, etc.) must be properly sealed. Only Nissan approved products should be used.

Changes to the center of gravity should not exceed the maximum authorized height.

Refer to [CENTER OF GRAVITY \(CG\) \(pg. 107\)](#)

PAINT GENERAL INFORMATION

The aftermarket equipment manufacturer, second stage manufacturer, and upfitter are responsible for repairing any damage to the paint incurred while modifying the vehicle.

Only Nissan specified paint should be used for these repairs. Refer to the BRM section in the Service Manual for information about the paint.

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

PAINT WORK

2017-2018 Model Years

Exterior Body Color	Color code	QAK	QAB	KAC*	KAD**	K23	NAH	CAJ	RAY	G41	CAU	EAZ
	Description	White	White	Light Gray	Gray	Silver	Red	Light Brown	Blue	Black	Brown	Yellow
	Type	S	P	M	M	M	M	M	P	M	M	M
	Clear coat	t	t	t	t	t	t	t	t	t	t	t

M: Metallic, S: Solid, P: Pearl, t: Primerless Diamond Coat Clear

*: This is only applicable to models with 2-tone paint option package. Applied to the lower third of the fenders, doors and bed on models with 2-tone paint option package.

**: This color is used 2 ways: 1) it is the upper color on 2-tone models and 2) it is also applied as a full-body paint color.

2019 Model Year

Exterior Body Color	Color code	QAK	QAB	KAC*	KAD**	K23	NAH	CAJ	RAY	G41	CAU	EBB	DAL
	Description	White	White	Light Gray	Gray	Silver	Red	Light Brown	Blue	Black	Brown	Orange	Green
	Type	S	P	M	M	M	M	M	P	M	M	M	M
	Clear coat	t	t	t	t	t	t	t	t	t	t	t	t

M: Metallic, S: Solid, P: Pearl, t: Primerless Diamond Coat Clear

*: This is only applicable to models with 2-tone paint option package. Applied to the lower third of the fenders, doors and bed on models with 2-tone paint option package.

**: This color is used 2 ways: 1) it is the upper color on 2-tone models and 2) it is also applied as a full-body paint color.

2020 Model Year

Exterior Body Color	Color code	QAK	QAB**	KAD*	K23	A20	HAL	RAY**	KH3**	NBY**
	Description	White	White	Gray	Silver	Red	Yellow	Blue	Black	Red
	Type	S	P	M	M	S	S	P	S	M
	Clear coat	t	t	t	t	t	t	t	t	t

M: Metallic, S: Solid, P: Pearl, t: Primerless Diamond Coat Clear

*: This color is used 2 ways: 1) it is the lower third of the fenders, doors and bed on models with 2-tone paint option package and 2) it is also applied as a full-body paint color.

**: This color is used 2 ways: 1) it is the upper color on 2-tone models and 2) it is also applied as a full-body paint color.

2021 Model Year

Exterior Body Color	Color code	QAK	QAB**	KAD*	K23	A20	HAL	RAY**	KH3**	NBY**
	Description	White	White	Gray	Silver	Red	Yellow	Blue	Black	Red
	Type	S	P	M	M	S	S	P	S	M
	Clear coat	x	x	x	x	x	x	x	x	x

M: Metallic, S: Solid, P: Pearl, x: Standard Clear Coat

*: This color is used 2 ways: 1) it is the lower third of the fenders, doors and bed on models with 2-tone paint option package and 2) it is also applied as a full-body paint color.

**: This color is used 2 ways: 1) it is the upper color on 2-tone models and 2) it is also applied as a full-body paint color.

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

2017 Model Year

Component	Country	Trim Level	Color
Outside mirrors	USA	S, SV, Pro-4X	Black
		SL	Chrome
		Platinum	Dark Chrome
	Canada	S, SV, Pro-4X	Black
		SL	Chrome
		Platinum	Dark Chrome
Front Bumper	USA	S	Black Paint
		SL, SV	Chrome
		Platinum, Pro-4X	Body Color Painted
	Canada	S	Black
		SL, SV	Chrome
		Platinum, Pro-4X	Painted
Rear Bumper	USA	S	Dark Paint
		SL, SV	Chrome
		Platinum, Pro-4X	Painted
	Canada	S	Dark Paint
		SL, SV	Chrome
		Platinum, Pro-4X	Painted
Outside handles	USA	S	Black no paint with grain
		Pro-4X	Black no paint with grain, with Nissan Intelligent Key®
		SV Base	Chrome
		SV, SL	Chrome with Nissan Intelligent Key®
		Platinum	Dark Chrome with Nissan Intelligent Key®
	Canada	S	Black no paint with grain
		Pro-4X	Black no paint with grain, with Nissan Intelligent Key®
		SV Base	Chrome
		SV, SL	Chrome with Nissan Intelligent Key®
		Platinum	Dark Chrome with Nissan Intelligent Key®

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Component	Country	Trim Level	Color
Grille Surround	USA	SV, SL, SL Base	Premium Chrome
		Platinum	Dark Chrome
		Pro-4X	Body Color
		S	Low gloss black paint
	Canada	SV, SL, SL Base	Premium Chrome
		Platinum	Dark Chrome
		Pro-4X	Body Color
		S	Low gloss black paint
Mesh Grille	USA	SV	Premium metallic paint
		SL	Satin Chrome
		Platinum	Satin Chrome
		Pro-4X	Gloss metallic black paint
		S	Low gloss black paint
		SL Base	Satin Chrome
	Canada	SV	Premium metallic paint
		SL	Satin Chrome
		Platinum	Satin Chrome
		Pro-4X	Gloss metallic black paint
		S	Low gloss black paint
		SL Base	Satin Chrome

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

2018-2019 Model Years

Component	Country	Trim Level	Color
Outside mirrors	USA	S, SV, Pro-4X, Midnight Edition***	Black
		SL	Chrome
		Platinum	Dark Chrome
	Canada	S, SV, Pro-4X, Midnight Edition***	Black
		SL	Chrome
		Platinum	Dark Chrome
Front Bumper	USA	S	Black Paint
		SV, SL	Chrome
		Platinum, Pro-4X, Midnight Edition***	Body Color Painted
		Pro-4X	High Gloss Metallic Gray Paint**
		Platinum	High Gloss Metallic Gray Paint*
	Canada	S	Black
		SV, SL	Chrome
		Midnight Edition***	Body Color Painted
		Platinum, Pro-4X	Painted
		Pro-4X	High Gloss Metallic Gray Paint**
		Platinum	High Gloss Metallic Gray Paint*
Rear Bumper	USA	S	Dark Paint
		SV	Chrome
		Midnight Edition***	Body Color Painted
		SV, Pro-4X, SL, Platinum	Painted
	Canada	S	Dark Paint
		SV	Chrome
		Midnight Edition***	Body Color Painted
		SV, Pro-4-X, SL, Platinum	Painted
Outside handles – Cab	USA	S, Pro-4X, Midnight Edition***	Black no paint with grain
		SV, SL	Chrome
		Platinum	Dark Chrome
	Canada	S, Pro-4X, Midnight Edition***	Black no paint with grain
		SV, SL	Chrome
		Platinum	Dark Chrome

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Component	Country	Trim Level	Color
Tailgate handle	USA	S, SV, Pro-4X, SL, Platinum	Black no paint with grain
	Canada	S, SV, Pro-4X, SL, Platinum	Black no paint with grain
Mesh Grille	USA	S	Low gloss black paint
		Pro-4X	Body Color
		SV	Metallic Chrome Paint
		SL	Satin Chrome
		Midnight Edition***	Body Color with Dark Insert
		Platinum	Dark Chrome
	Canada	S	Low gloss black paint
		Pro-4X	Body Color
		SV	Metallic Chrome Paint
		SL	Satin Chrome
		Midnight Edition***	Body Color with Dark Insert
		Platinum	Dark Chrome
Front Grille	USA	SV, SL	Bright Chrome
	Canada	SV, SL	Bright Chrome

*: This is only applicable to models with 2-tone paint option package. Applied to the lower third of the fenders, doors and bed on models with 2-tone paint option package.

**: This color is used 2 ways: 1) it is the upper color on 2-tone models and 2) it is also applied as a full-body paint color.

***: Midnight Edition is applicable to SV and SL models only.

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

2020–2021 Model Years

Component	Trim Level	Color
Roof spoiler	S, SV, SL, Pro-4X, Platinum	Body Color Painted
Outside mirrors	S, SV, Pro-4X	Black
	SL, Platinum	Chrome
Front Bumper — Upper	S, SV, SL, Pro-4X, Platinum	Body Color Painted
Front Bumper — Center	S	Low Gloss Black
	SV, SL, Platinum	Chrome
	Pro-4X	Semi-Gloss Dark
Front Bumper — Sides	S, SV, SL, Pro-4X, Platinum	Body Color Painted
	Platinum	Gun Metallic*
Rear Bumper	S	Dark Paint
	SV	Chrome
	SV, SL, Pro-4X, Platinum	Painted*
Outside handles — Cab	S, Pro-4X	Black
	SV, SL, Platinum	Chrome
Tailgate handle	S, SV, SL, Pro-4X, Platinum	Black no paint with grain
Front Grill Surround/Mesh Grille	S	Black / Black Mesh
	SV, Pro-4X	Body-color / Black Mesh
	SL	Chrome / Satin Chrome Mesh
	Platinum	Dark Chrome / Satin Chrome Mesh
	SV, SL	Bright Chrome / Bright Chrome

*: This color is used 2 ways: 1) it is the upper color on 2-tone models and 2) it is also applied as a full-body paint color.

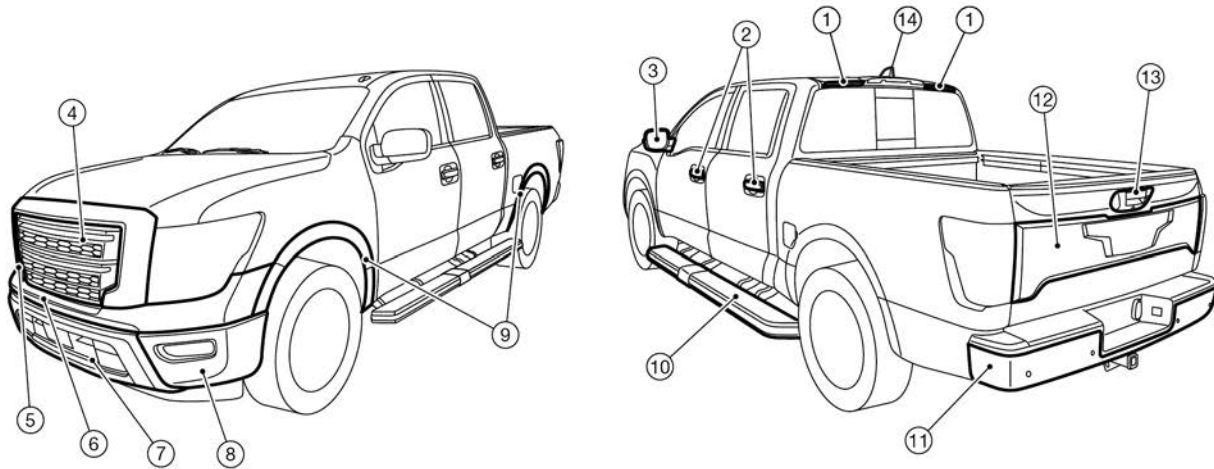
PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

2022–2023 Model Years

NOTE:

Crew cab shown; King Cab® similar.



TGAAZIA0351ZZ

Component		Color code	A20	HAL	KH3	QAK	KAD*	NBY	QAB	RAY
		Description	Red	Beige	Black	White	Gray	Red	White	Blue
		Paint type	2S	2PM	2S	2S	2M	3PM	3P	2P
		Hard clear coat	X	X	X	X	X	X	X	X
1.	Roof spoiler	Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY
2.	Door outside handle	Black	–	–	–	–	–	–	–	–
		Chromium plate	–	–	–	–	–	–	–	–
3.	Door mirror	Black	–	–	–	–	–	–	–	–
		Chromium plate	–	–	–	–	–	–	–	–
4.	Front grille insert	Black	–	–	–	–	–	–	–	–
		Black (low gloss)	–	–	–	–	–	–	–	–
		Gunmetal Gray (metallic)	–	–	–	–	–	–	–	–
		Chromium plate	–	–	–	–	–	–	–	–
5.	Front grille outer	Black (low gloss)	–	–	–	–	–	–	–	–
		Chromium plate	–	–	–	–	–	–	–	–
		Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY
6.	Front bumper fascia upper	Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY
7.	Front bumper	Black (low gloss)	–	–	–	–	–	–	–	–
		Gray (semi gloss)	–	–	–	–	–	–	–	–
		Chrome	–	–	–	–	–	–	–	–

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Component			Color code	A20	HAL	KH3	QAK	KAD*	NBY	QAB	RAY
			Description	Red	Beige	Black	White	Gray	Red	White	Blue
			Paint type	2S	2PM	2S	2S	2M	3PM	3P	2P
			Hard clear coat	X	X	X	X	X	X	X	X
8.	Front bumper sides		Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY
9.	Overfender (if equipped)		Gray (semi gloss)	-	-	-	-	-	-	-	-
10.	Running board	Original style	Chromium plate	-	-	-	-	-	-	-	-
		Blade style		-	-	-	-	-	-	-	-
		Off road style	Black	-	-	-	-	-	-	-	-
11.	Rear bumper		Black (low gloss)	-	-	-	-	-	-	-	-
			Gray (semi gloss)	-	-	-	-	-	-	-	-
			Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY
12.	Tailgate outer finisher		Black	-	-	-	-	-	-	-	-
			Chrome Plate	-	-	-	-	-	-	-	-
13.	Tailgate handle		Black	-	-	-	-	-	-	-	-
14.	Antenna base		Material color	-	-	-	-	-	-	-	-

NOTE:

- **2S: 2 coat solid**
- **2M: 2 coat metallic**
- **2P: 2 coat pearl**
- **2PM: 2 coat pearl metallic**
- **3P: 3 coat pearl**
- **3PM: 3 coat pearl metallic**
- *:This color is used 2 ways: 1) it is the lower third of the fenders, doors and bed on models with 2-tone paint option package and 2) it is also applied as a full-body paint color.

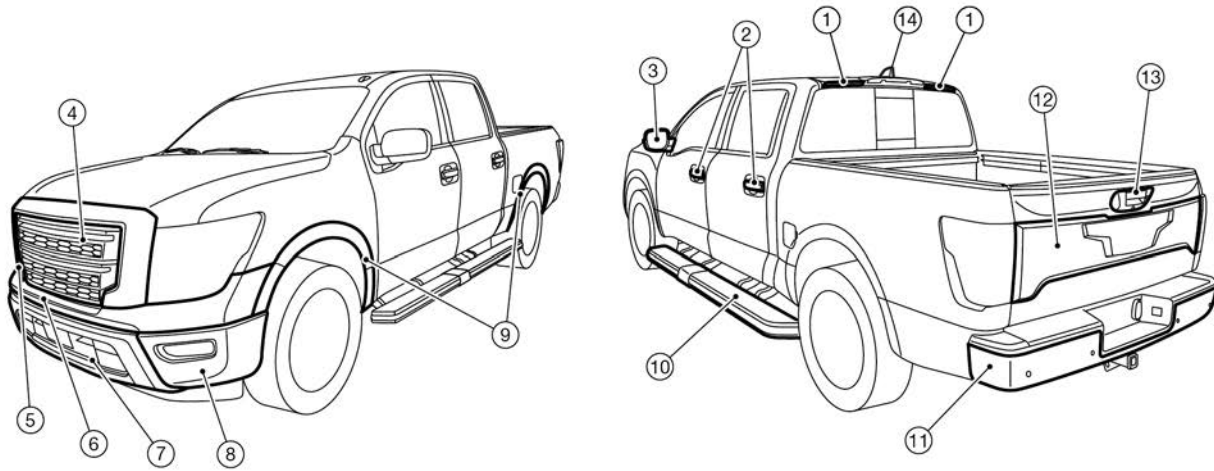
PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

2024 Model Year

NOTE:

Crew cab shown; King Cab® similar.



TGAZIA0351ZZ

Component		Color code	A20	HAL	KH3	QAK	KAD*	NBY	QAB	RAY	DAQ
		Description	Red	Beige	Black	White	Gray	Red	White	Blue	Green
		Paint type	2S	2PM	2S	2S	2M	3PM	3P	2P	2P
		Hard clear coat	X	X	X	X	X	X	X	X	X
1.	Roof spoiler	Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY	DAQ
2.	Door outside handle	Black	-	-	-	-	-	-	-	-	-
		Chromium plate	-	-	-	-	-	-	-	-	-
3.	Door mirror	Black	-	-	-	-	-	-	-	-	-
		Chromium plate	-	-	-	-	-	-	-	-	-
4.	Front grille insert	Black	-	-	-	-	-	-	-	-	-
		Black (low gloss)	-	-	-	-	-	-	-	-	-
		Gunmetal Gray (metallic)	-	-	-	-	-	-	-	-	-
		Chromium plate	-	-	-	-	-	-	-	-	-
5.	Front grille outer	Black (low gloss)	-	-	-	-	-	-	-	-	-
		Chromium plate	-	-	-	-	-	-	-	-	-
		Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY	DAQ
6.	Front bumper fascia upper	Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY	DAQ
7.	Front bumper	Black (low gloss)	-	-	-	-	-	-	-	-	-
		Gray (semi gloss)	-	-	-	-	-	-	-	-	-
		Chrome	-	-	-	-	-	-	-	-	-

PAINT WORK

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

Component			Color code	A20	HAL	KH3	QAK	KAD*	NBY	QAB	RAY	DAQ
			Description	Red	Beige	Black	White	Gray	Red	White	Blue	Green
			Paint type	2S	2PM	2S	2S	2M	3PM	3P	2P	2P
			Hard clear coat	X	X	X	X	X	X	X	X	X
8.	Front bumper sides		Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY	DAQ
9.	Overfender (if equipped)		Gray (semi gloss)	-	-	-	-	-	-	-	-	-
10.	Running board	Original style	Chromium plate	-	-	-	-	-	-	-	-	-
		Blade style		-	-	-	-	-	-	-	-	-
		Off road style	Black	-	-	-	-	-	-	-	-	-
11.	Rear bumper		Black (low gloss)	-	-	-	-	-	-	-	-	-
			Gray (semi gloss)	-	-	-	-	-	-	-	-	-
			Body color	A20	HAL	KH3	QAK	KAD	NBY	QAB	RAY	DAQ
12.	Tailgate outer finisher		Black	-	-	-	-	-	-	-	-	-
			Chrome Plate	-	-	-	-	-	-	-	-	-
13.	Tailgate handle		Black	-	-	-	-	-	-	-	-	-
14.	Antenna base		Material color	-	-	-	-	-	-	-	-	-

NOTE:

- **2S: 2 coat solid**
- **2M: 2 coat metallic**
- **2P: 2 coat pearl**
- **2PM: 2 coat pearl metallic**
- **3P: 3 coat pearl**
- **3PM: 3 coat pearl metallic**
- *:This color is used 2 ways: 1) it is the lower third of the fenders, doors and bed on models with 2-tone paint option package and 2) it is also applied as a full-body paint color.

ADHESIVE INFORMATION

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

ADHESIVE INFORMATION

MSDS Information

Contact the product supplier for the latest MSDS (Material Safety Data Sheet) information.

Product Name	Code/Number	Supplier/Emergency Phone Numbers
Pretreatment (Chemfos)	CF700	PPG Refinish www.ppg.com Technical information: 1-800-647-6050 Safety information: USA 1-412-434-5415 Canada 1-514 645-1320 Product safety/MSDS information: 1-412-492-5555
E-coat/ED	ED6465M	
Air-dry Under body coating	AB2230N1	EFTEC North America, L.L.C. www.eftec.com 24 hour emergency 1-888-853-1758 Emergency transport 1-800-424-9300
Stone guard (PVC)	EF6287	
Hi-Perf LASD	AISIN 550	Aisin Chemical www.aisinworld.com
Structural adhesive	73305 (regular), 73305GB (HEM with glass bond)	Dow Chemical Co. www.dow.com 24 hour emergency 1-989-636-4400 Customer information 1-800-258-2436
Paint sealer	6003	
Mastic	168.4 (regular), 168.8 (expandable)	Uniseal Corp. www.uniseal.com 1-800-443-6297 1-812-463-5230

REPLACING BOLTS

[DESIGN REQUIREMENTS FOR MODIFICATIONS]

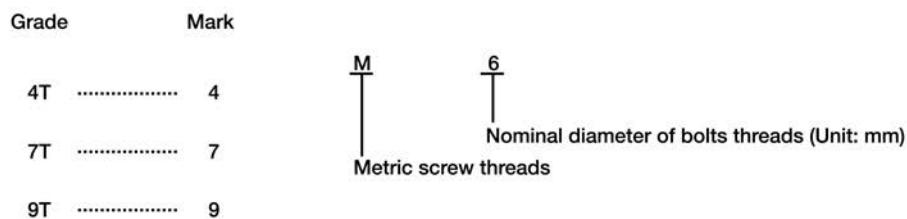
REPLACING BOLTS

Tightening Torque Table

Grade	Bolt size	Bolt diameter * mm	Pitch mm	Tightening torque (Without lubricant)							
				Hexagon head bolt				Hexagon flange bolt			
				N·m	kg·m	ft·lb	in·lb	N·m	kg·m	ft·lb	in·lb
4T	M6	6.0	1.0	5.5	0.56	4	49	7	0.71	5	62
	M8	8.0	1.25	13.5	1.4	10	—	17	1.7	13	—
			1.0	13.5	1.4	10	—	17	1.7	13	—
	M10	10.0	1.5	28	2.9	21	—	35	3.6	26	—
			1.25	28	2.9	21	—	35	3.6	26	—
	M12	12.0	1.75	45	4.6	33	—	55	5.6	41	—
			1.25	45	4.6	33	—	65	6.6	48	—
7T	M14	14.0	1.5	80	8.2	59	—	100	10	74	—
	M6	6.0	1.0	9	0.92	7	80	11	1.1	8	97
	M8	8.0	1.25	22	2.2	16	—	28	2.9	21	—
			1.0	22	2.2	16	—	28	2.9	21	—
	M10	10.0	1.5	45	4.6	33	—	55	5.6	41	—
			1.25	45	4.6	33	—	55	5.6	41	—
9T	M12	12.0	1.75	80	8.2	59	—	100	10	74	—
			1.25	80	8.2	59	—	100	10	74	—
	M14	14.0	1.5	130	13	96	—	170	17	125	—
	M10	10.0	1.5	55	5.6	41	—	80	8.2	59	—
			1.25	55	5.6	41	—	80	8.2	59	—
	M8	8.0	1.25	28	2.9	21	—	35	3.6	26	—
			1.0	28	2.9	21	—	35	3.6	26	—
9T	M12	12.0	1.75	100	10	74	—	130	13	96	—
			1.25	100	10	74	—	130	13	96	—
	M14	14.0	1.5	170	17	125	—	210	21	155	—

* Nominal diameter

1. Special parts are excluded.
2. This standard is applicable to bolts having the following marks embossed on the bolt head.



MG1044A

ADD ON EQUIPMENT

ANTI-CORROSION PROTECTION

**WARNING:**

To avoid risk of death or injury caused by vehicle modifications, check for proper clearance between existing components or newly installed components.

**CAUTION:****Failure to refinish bare metal will result in corrosion**

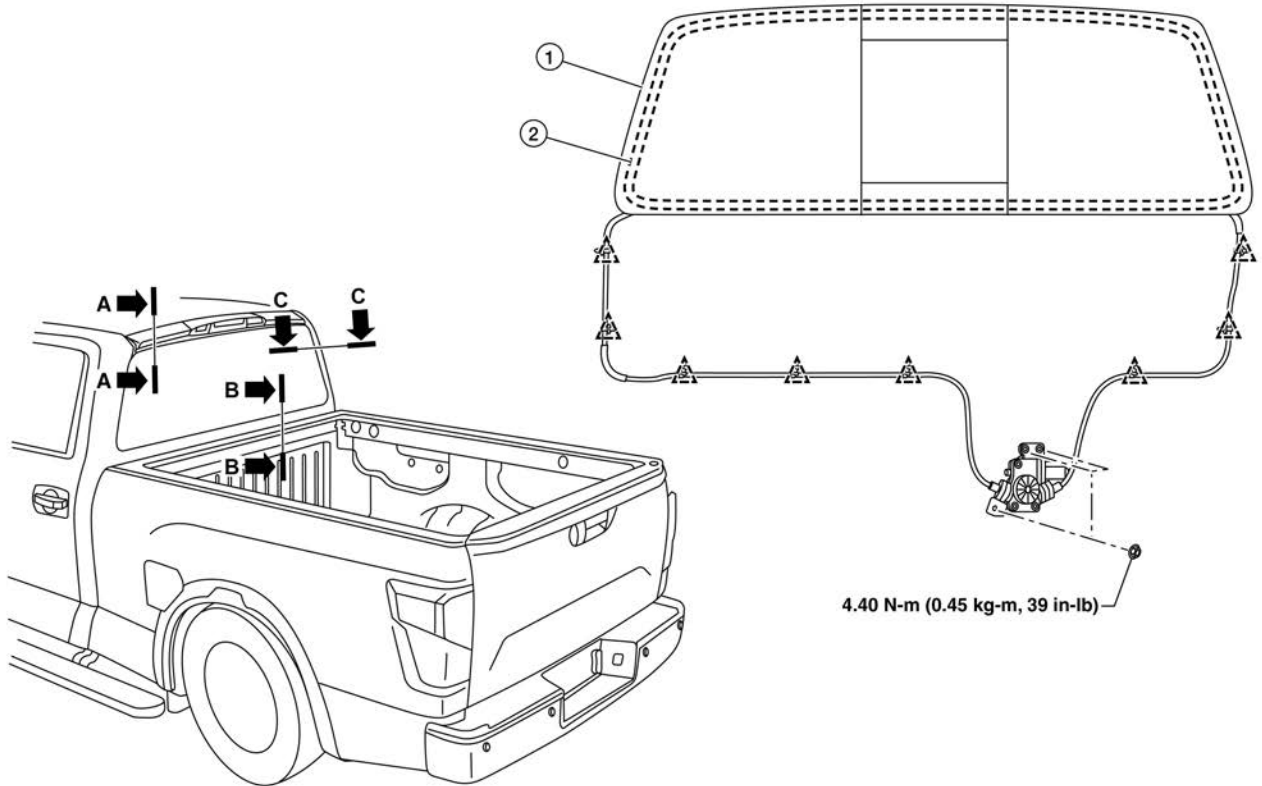
The basic steps to refinish bare metal are as follows:

1. Prep the metal surface(s) as follows:
 - a. Remove burrs from the edges with a file or sandpaper.
 - b. Thoroughly clean the metal with solvent and allow to completely dry.
 - c. Apply self-etching primer to all bare metal.
 - d. Allow primer to properly dry.
2. Apply base coat paint and allow to properly dry.
3. Apply clear coat and allow to properly dry.
4. To help prevent internal corrosion, apply cavity wax into any applicable areas.

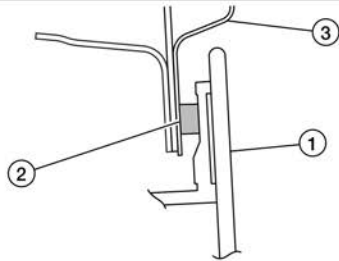
REAR WINDOW GLASS

Exploded Views

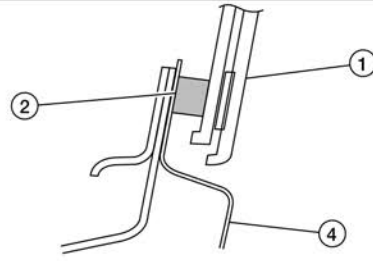
With Power Sliding Glass — Crew Cab



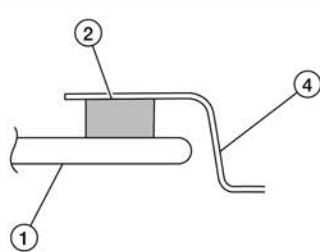
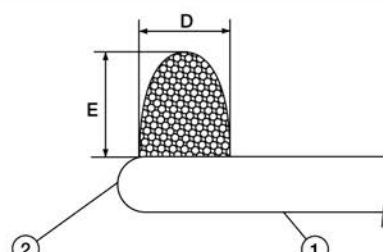
A-A



B-B



C-C



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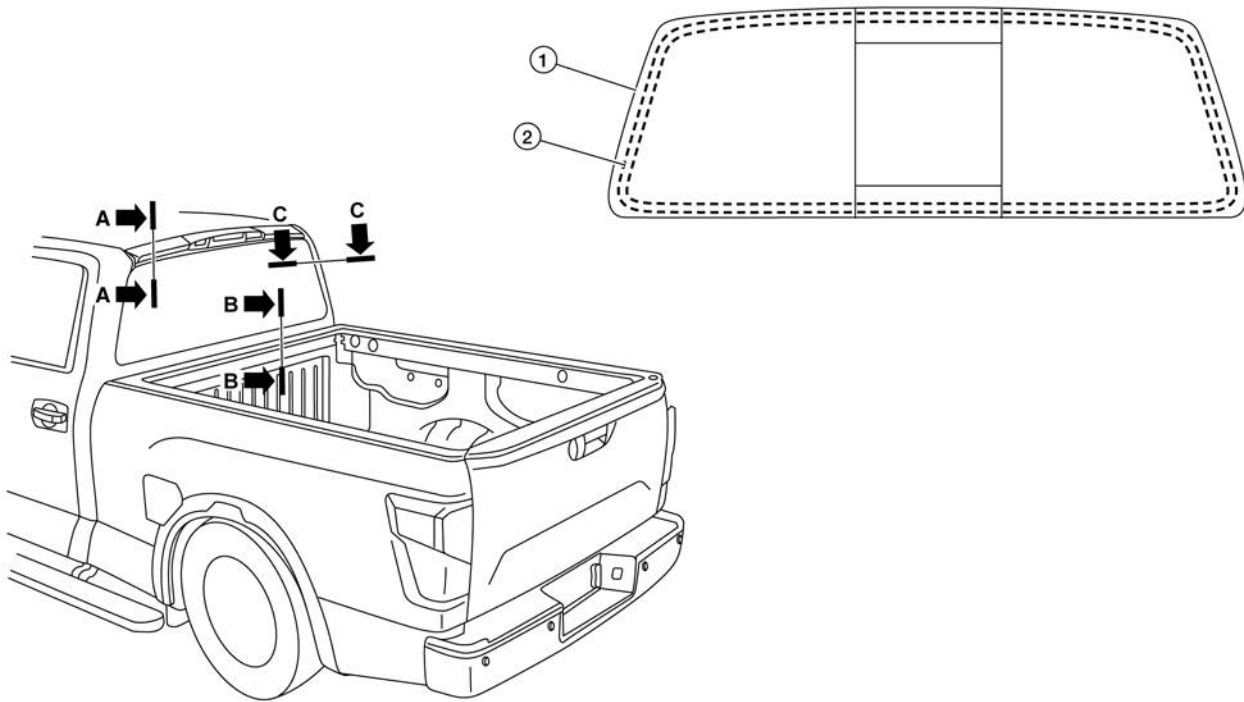
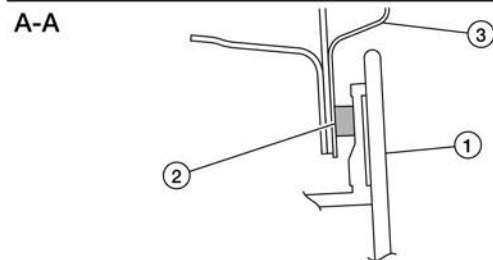
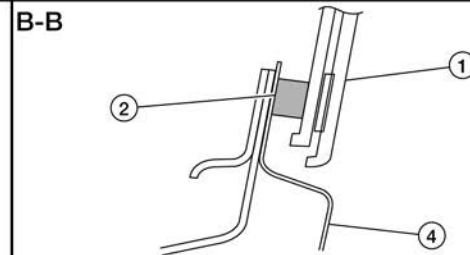
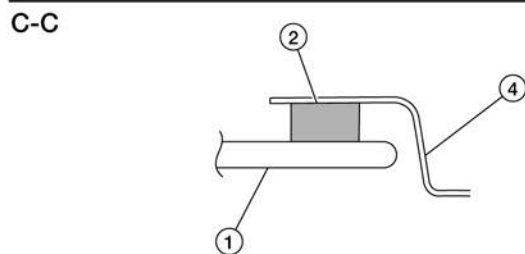
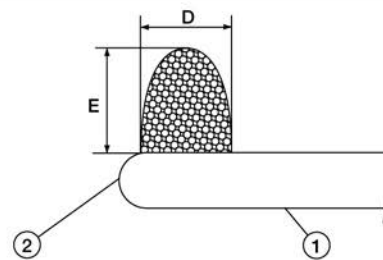
- 1. Rear window glass
- 4. Body side outer panel

- 2. Adhesive
- D. 7 mm +2, -0 mm
(0.28 in +0.08, -0 in)

- 3. Roof panel
- E. 12 mm +2, -0mm
(0.47 in +0.08, -0 in)

△: Clip

Without Power Sliding Glass



AAZIA0566ZZ

Crew cab shown, King Cab® and single cab locations are the same.

1. Rear window glass
4. Body side outer panel

2. Adhesive
- D. 7 mm +2, -0 mm
(0.28 in +0.08, -0 in)

3. Roof panel
- E. 12 mm +2, -0mm
(0.47 in +0.08, -0 in)

Removal

1. Disconnect the battery or batteries, then wait at least three minutes.

NOTE:

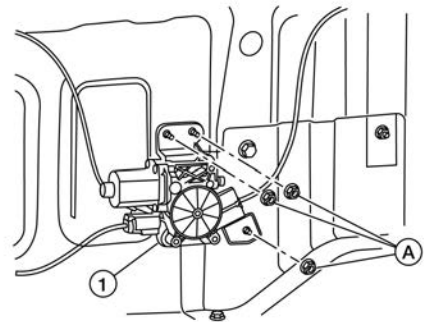
Ignition switch OFF. Wait at least 2 minutes before removing the 12V battery terminal to avoid setting any DTCs.

2. Remove rear panel.
3. Disconnect the harness connector from the side curtain air bag module.



CAUTION:

- For removing/installing side curtain air bag module harness connector, insert a thin screwdriver wrapped in tape into notch, lift the lock and remove harness connector as shown.
 - Install harness connector with lock raised, and push lock into harness connector as shown.
 - After installing harness connector, check that the lock is pushed in securely.
4. Partially lower the headlining (back edge).
 5. Disconnect the harness connectors from rear window defogger.
 6. Disconnect the harness connector from rear power slide glass motor (if equipped).
 7. Remove nuts (A) from slide glass regulator (1) (if equipped).



AAZIA0567ZZ

8. Disconnect clips retaining the slide glass regulator (if equipped).
9. Remove rear window glass using piano wire or power cutting tool.



WARNING:

When cutting rear window glass from vehicle, always wear safety glasses and heavy gloves to prevent glass splinters from entering your eyes or cutting your hands.

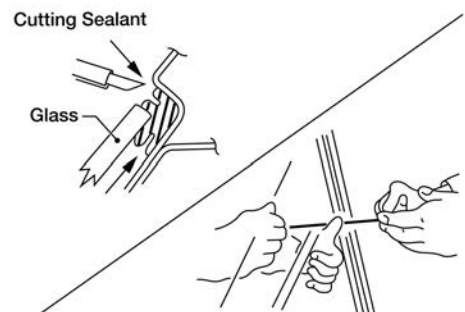


CAUTION:

- Be careful not to scratch glass when removing.
- Do not set or stand glass on its edge. Small chips may develop into cracks.
- Apply protective tape around rear window glass to protect painted surface from damage.

NOTE:

Mark body and glass with matching marks if rear window glass is to be reused.



AAZIA0396GB

Installation

Installation is in the reverse order of removal.

- Use genuine NISSAN Urethane Adhesive Kit (if available) or equivalent and follow the instructions furnished with it.



CAUTION:

There are 2 types of primer. Do not confuse during application.

- **Primer for plastic surfaces**
- **Primer for glass surfaces**
- Adhesive shall be continuously applied to assure watertightness. Glass installation shall be finished within five minutes after applying adhesive.
- While urethane adhesive is curing, open door window. This will prevent glass from being forced out by passenger compartment air pressure when door is closed.
- Start and finish urethane adhesive application at the bottom to assure watertightness.
- Inform customer that vehicle should remain stationary until urethane adhesive has completely cured (preferably 24 hours). Curing time varies with temperature and humidity.



WARNING:

- **Keep heat and open flames away as primers and adhesive are flammable.**
- **Materials contained in the kit are harmful if swallowed, and may irritate skin and eyes. Avoid contact with the skin and eyes.**
- **Use in an open, well ventilated location. Avoid breathing vapors. They can be harmful if inhaled. If affected by vapor inhalation, immediately move to an area with fresh air.**
- **Driving vehicle before urethane adhesive has completely cured may affect performance of the windshield in case of an accident.**



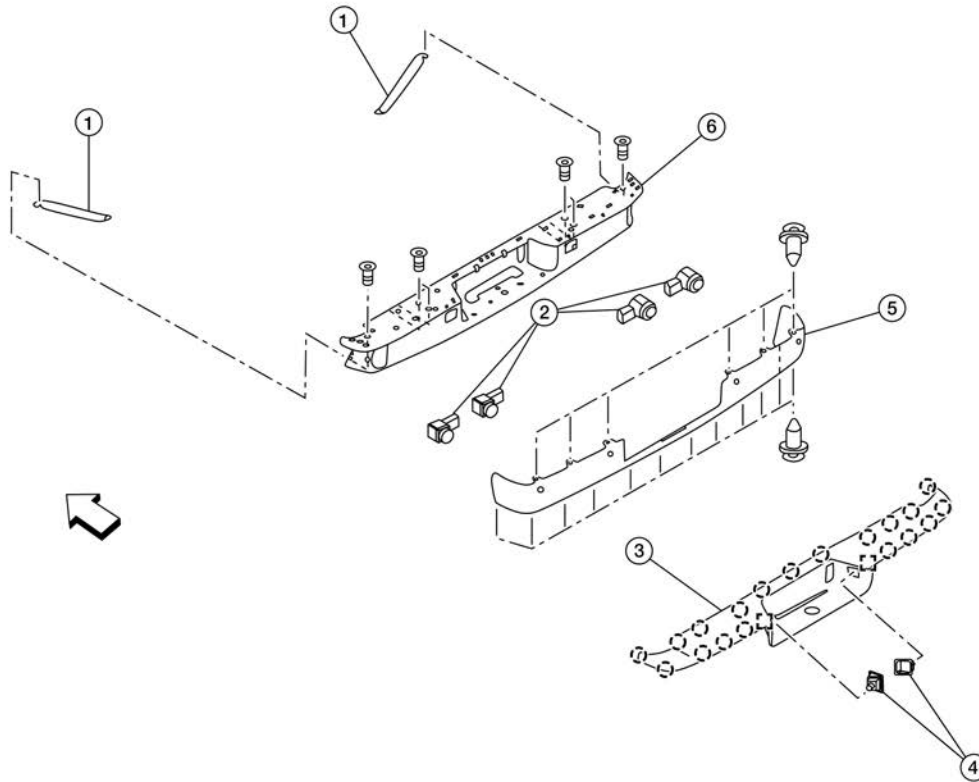
CAUTION:

- **Do not use adhesive which is past its usable term. Shelf life of this product is limited to six months after date of manufacture. Carefully adhere to expiration or manufacture date printed on box.**
- **Keep primers and adhesive in cool, dry place. Ideally, they should be stored in refrigerator.**
- **Do not leave primers or adhesive cartridge unattended with their caps open or off.**
- **Vehicle should not be driven for at least 24 hours or until urethane adhesive has completely cured. Curing time varies depending on temperature and humidity. Curing time will increase under lower temperatures and lower humidity.**

REAR BUMPER

Exploded View

With Trailer Hitch



AAZIA0632ZZ

 Metal clip

 Pawl

 Front

1. Bumper bracket (LH/RH)

4. License plate lamp

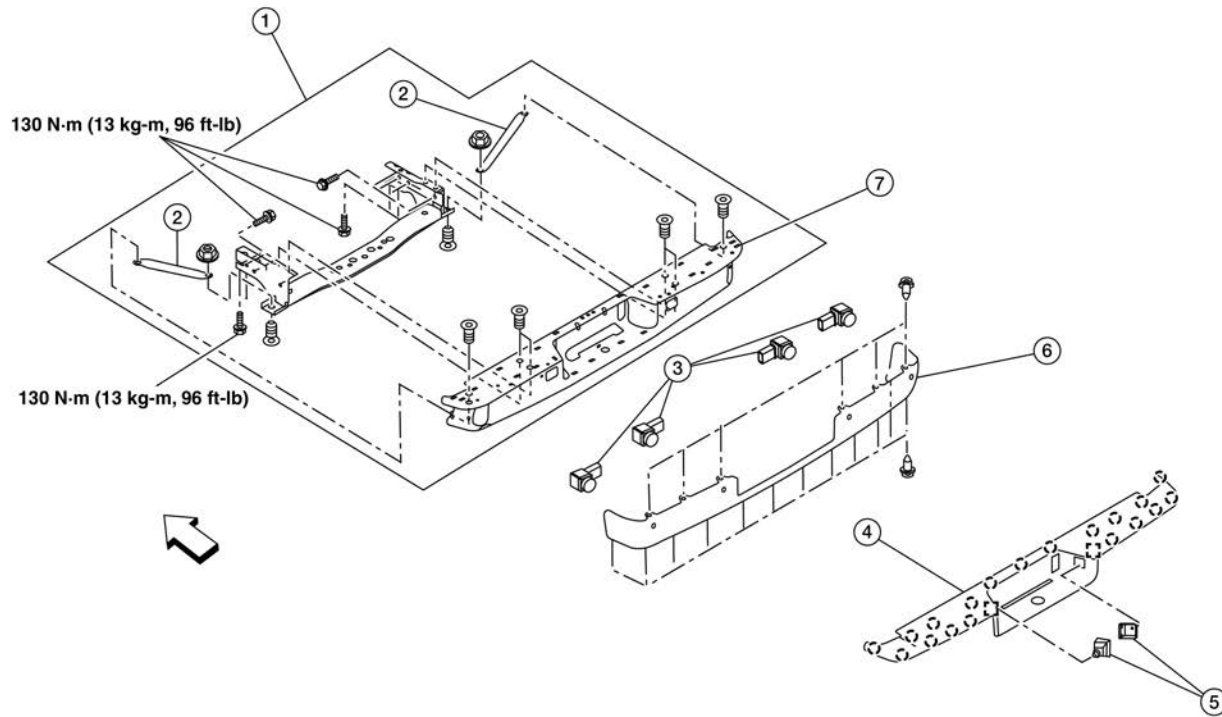
2. Sonar sensor (if equipped)

5. Bumper fascia (if equipped)

3. Bumper finisher

6. Bumper

Without Trailer Hitch



AAZIA0631ZZ

Metal clip

Pawl

Front

1. Bumper assembly

4. Bumper finisher

7. Bumper

2. Bumper bracket (LH/RH)

5. License plate lamp

3. Sonar sensor (if equipped)

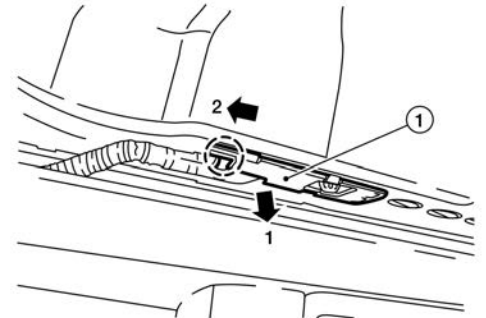
6. Bumper fascia (if equipped)

Removal and Installation

Rear Bumper

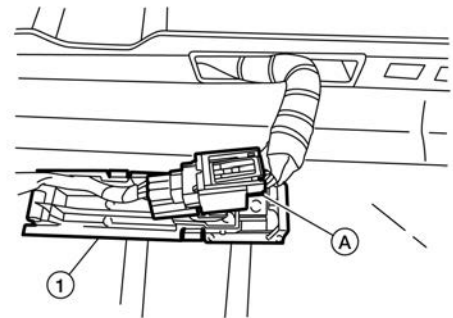
Removal

1. Lower tailgate to access rear camera harness connector bracket [1 (if equipped)]. Release pawl on bracket, then pull out rear camera harness as shown.



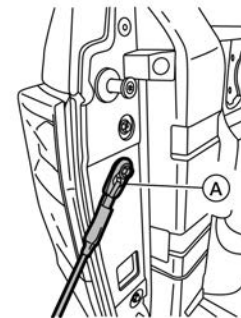
AAZIA0638ZZ

2. Disconnect rear view camera harness connector [A (if equipped)].



AAZIA0639ZZ

3. Release tailgate stay [A (LH/RH)].



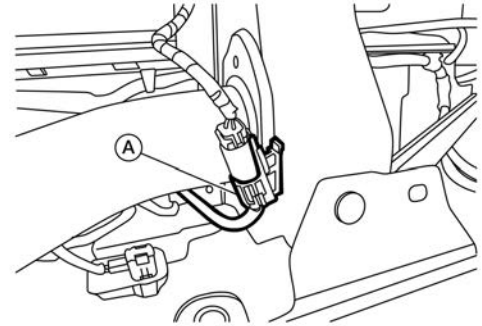
AAZIA0640ZZ

4. While holding tailgate at 45 degree angle, pull tailgate out from hinge [body side (LH)], then slide tailgate out of hinge [body side (RH)] and remove.
5. Disconnect the harness connector from the license plate lamp.
6. Using a suitable tool, release pawl and remove license plate lamp.
7. Remove trailer tow connector socket (if equipped).

8. Disconnect license plate lamp connector (A) from chassis harness (LH) and separate from vehicle.

NOTE:

Trailer hitch shown. Bumper reinforcement similar.

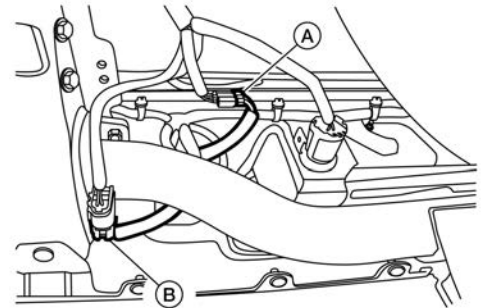


AAZIA0633ZZ

9. Disconnect side radar harness connector (A) and rear sonar harness connector (B) from chassis harness (RH) and separate from vehicle (if equipped).

NOTE:

Trailer hitch shown. Bumper reinforcement similar.



AAZIA0634ZZ

10. Release bumper finisher metal clips and pawls using suitable tool.
11. Separate adhesive tape from behind bumper finisher ends and remove bumper finisher from vehicle.



CAUTION:

Do not reuse adhesive tape.

12. Remove bolts, and remove bumper from vehicle.



CAUTION:

When removing bumper, two people are required.

13. Disconnect harness connector from side radar units (LH/RH) [if necessary (if equipped)].
14. Remove bumper fascia [if necessary (if equipped)].
15. Separate wire harness from bumper and remove wire harness (if necessary).
16. Remove side radar units and splash guards from bumper [if necessary (if equipped)].

Installation

Installation is in the reverse order of removal.



CAUTION:

Perform camera image calibration (if equipped with around view monitor).

Adjustment

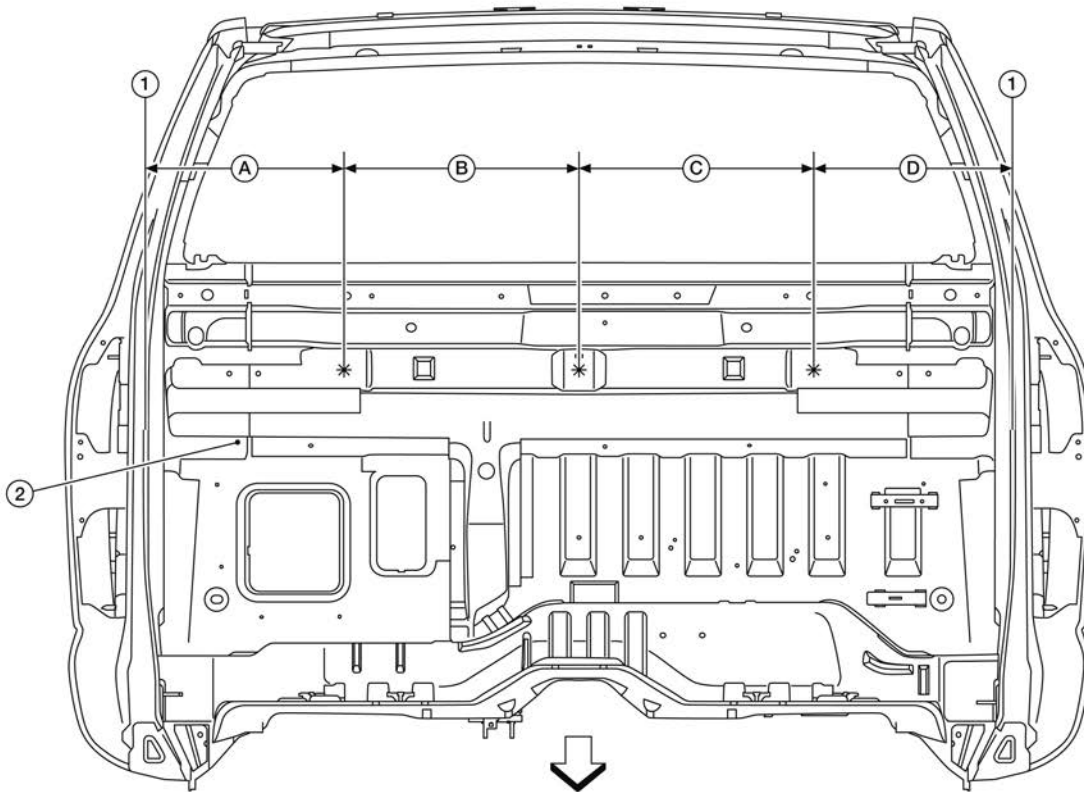
Check clearance and surface height between rear bumper and each part by visual inspection and tactile feel. If clearance and surface height are out of specification, adjust them.

CAB WELD NUT DIMENSIONS

King Cab® (With Seat Delete) Only (2017-2019 Model Years)

NOTE:

Weld nuts are only usable if the Utili-track™ channel system is removed or if it is a vehicle that does not have the Utili-track™ channel system. Not all weld nuts shown with Utili-track™ system may be present.



AAZIA0959ZZ

NOTE:

For weld nut load specs, refer to the appropriate Weights chart in the Resource Charts section of this manual:

[RESOURCE CHARTS \(pg. 203\)](#)

↔: Front of vehicle.

1. Edge of rear pillars

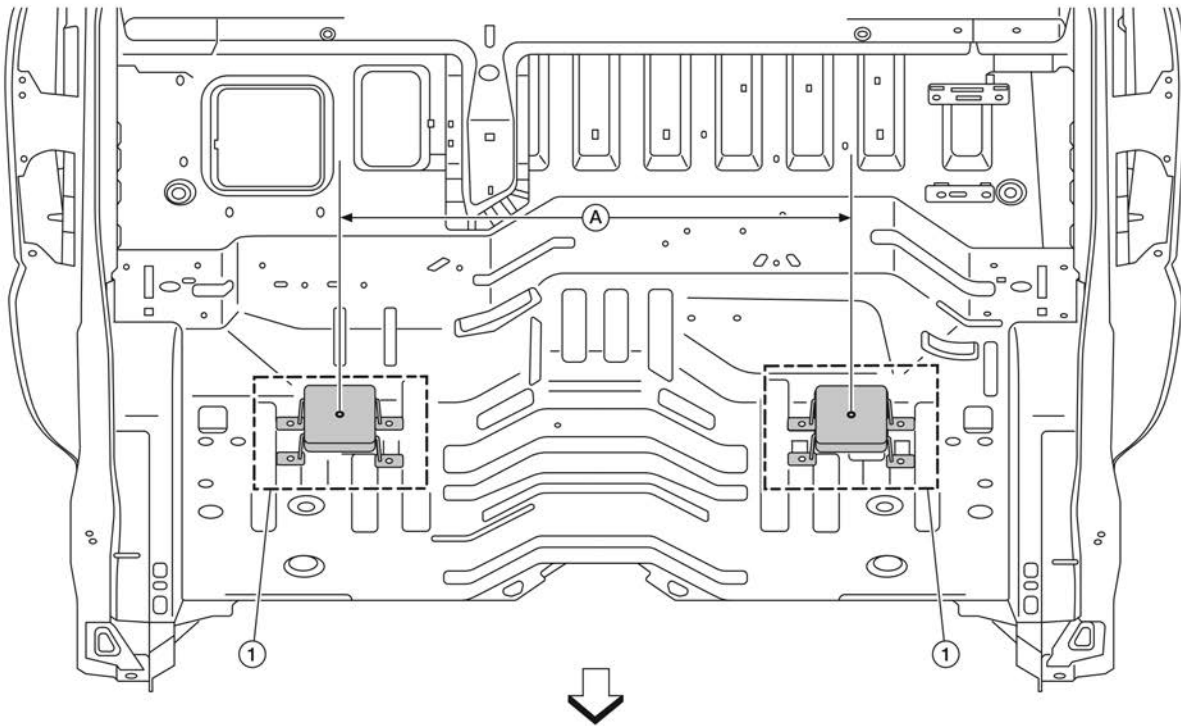
2. Back panel

A. 351 mm (13.82 in.)

B. 450 mm (17.72 in.)

C. 450 mm (17.72 in.)

D. 351 mm (13.82 in.)



AAZIA0961ZZ

NOTE:

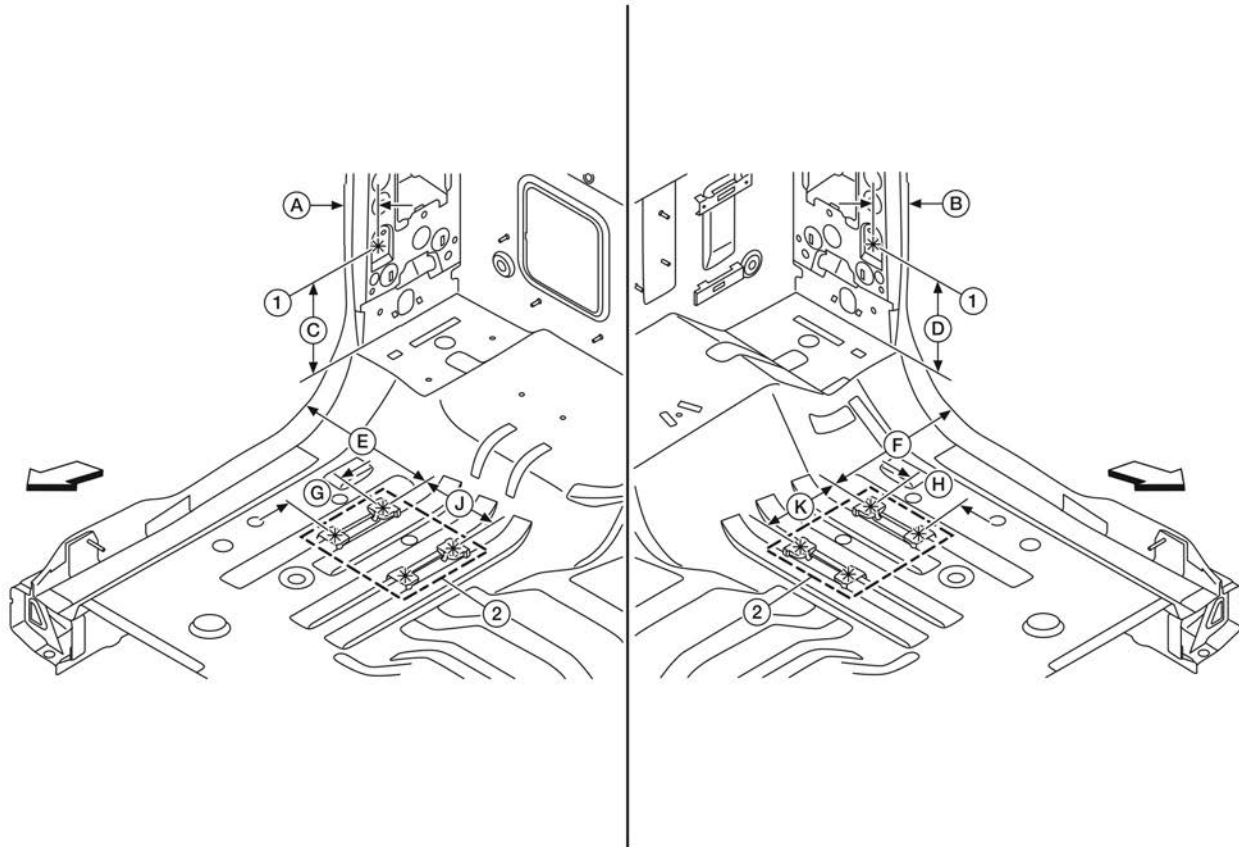
For weld nut load specs, refer to the appropriate Weights chart in the Resource Charts section of this manual:

[RESOURCE CHARTS \(pg. 203\)](#)

↩: Front of vehicle.

1. Floor tie down bracket

A. 860 mm (33.86 in.)



AAZIA0958ZZ

NOTE:

For weld nut load specs, refer to the appropriate Weights chart in the Resource Charts section of this manual:

[RESOURCE CHARTS \(pg. 203\)](#)

↖: Front of vehicle.

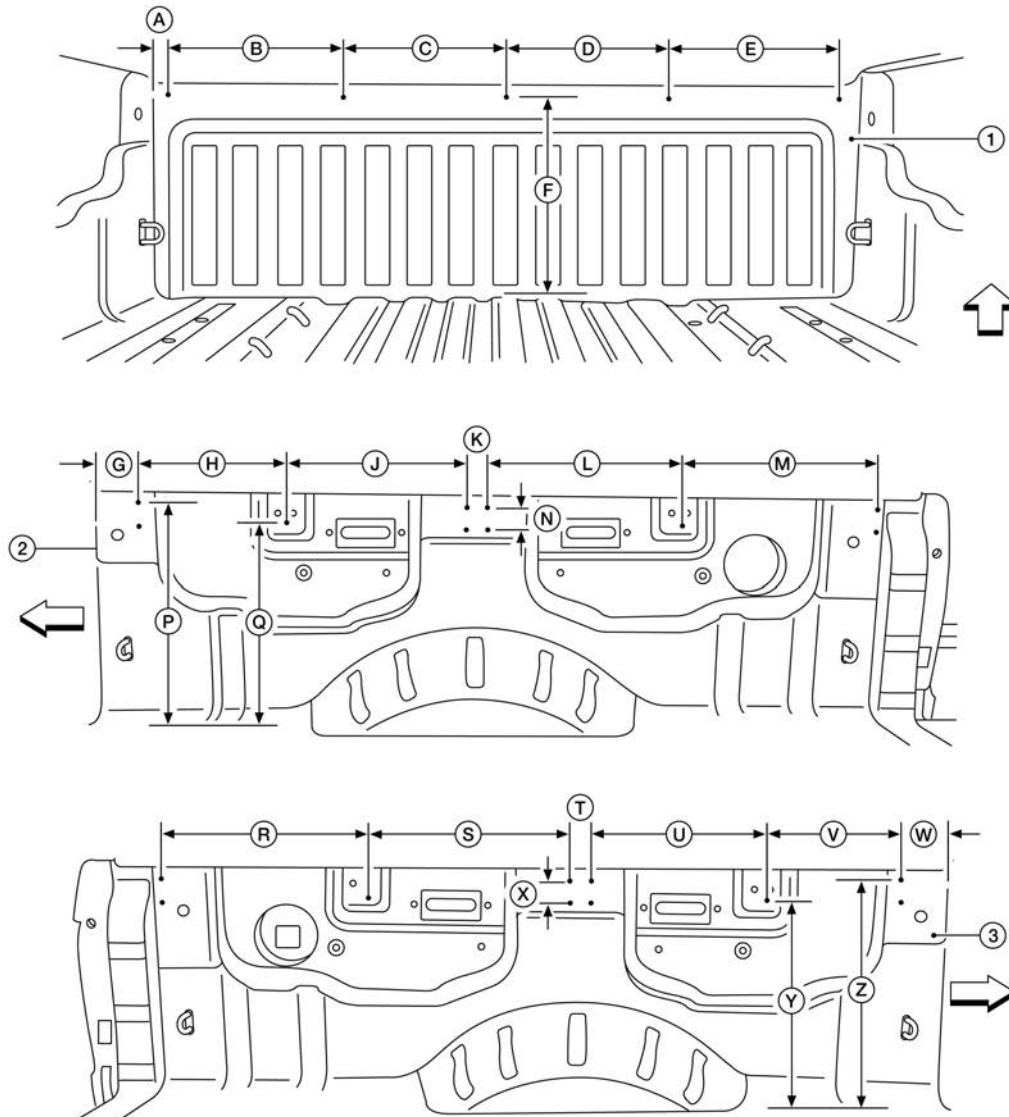
- | | | |
|-----------------------------------|--|-----------------------|
| 1. Rear pillar tie down weld nuts | 2. Floor tie down bracket mounting weld nuts | A. 57 mm (2.24 in.) |
| B. 71 mm (2.8 in.) | C. 202 mm (7.95 in.) | D. 202 mm (7.95 in.) |
| E. 297 mm (11.69 in.) | F. 297 mm (11.69 in.) | G. 1291 mm (5.08 in.) |
| H. 1291 mm (5.08 in.) | J. 170 mm (6.69 in.) | K. 170 mm (6.69 in.) |

BED WELD NUT DIMENSIONS

NOTE:

Weld nuts are only usable if the Utili-track™ channel system is removed or if it is a vehicle that does not have the Utili-track™ channel system. Not all weld nuts shown with Utili-track™ system may be present.

Crew Cab



AAZIA0704ZZ

NOTE:

For weld nut load specs, refer to the appropriate Weights chart in the Resource Charts section of this manual:

[RESOURCE CHARTS \(pg. 203\)](#)

↔: Front of vehicle.

1. Front Bed Panel

A. 46 mm (1.81 in.)

D. 374 mm (14.72 in.)

2. RH Side Bed Panel

B. 390 mm (15.35 in.)

E. 390 mm (15.35 in.)

3. LH Side Bed Panel

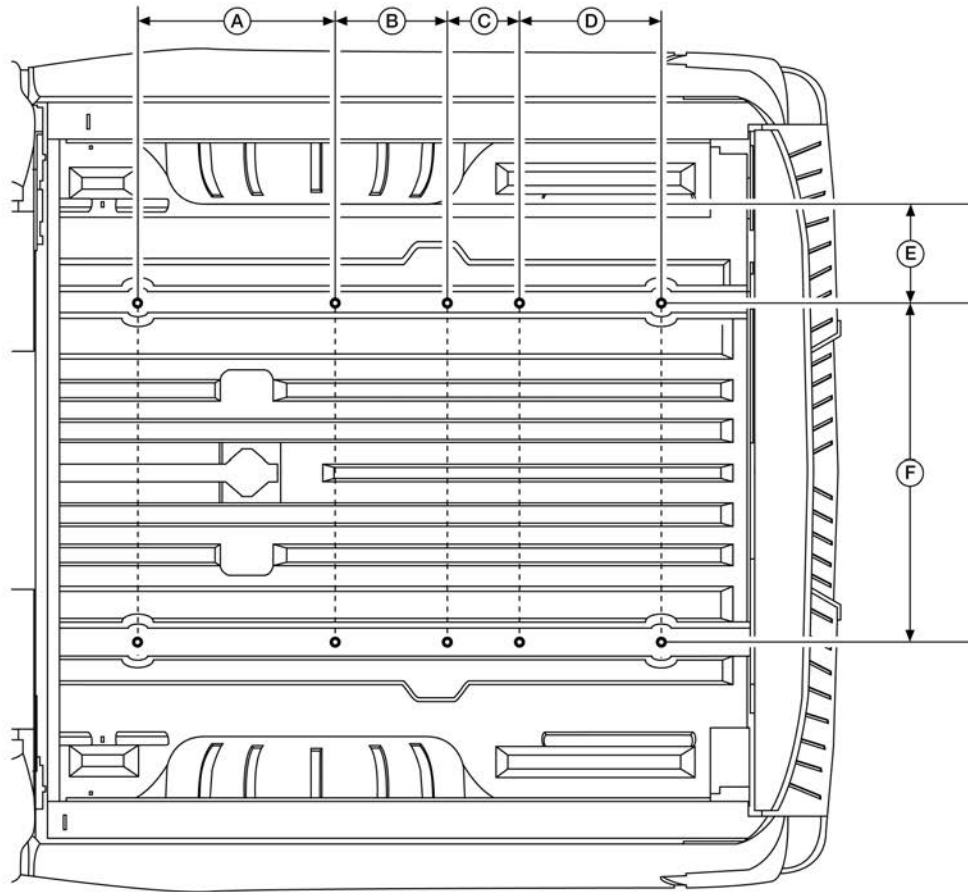
C. 374 mm (14.72 in.)

F. 455 mm (17.91 in.)

BED WELD NUT DIMENSIONS

[ADD ON EQUIPMENT]

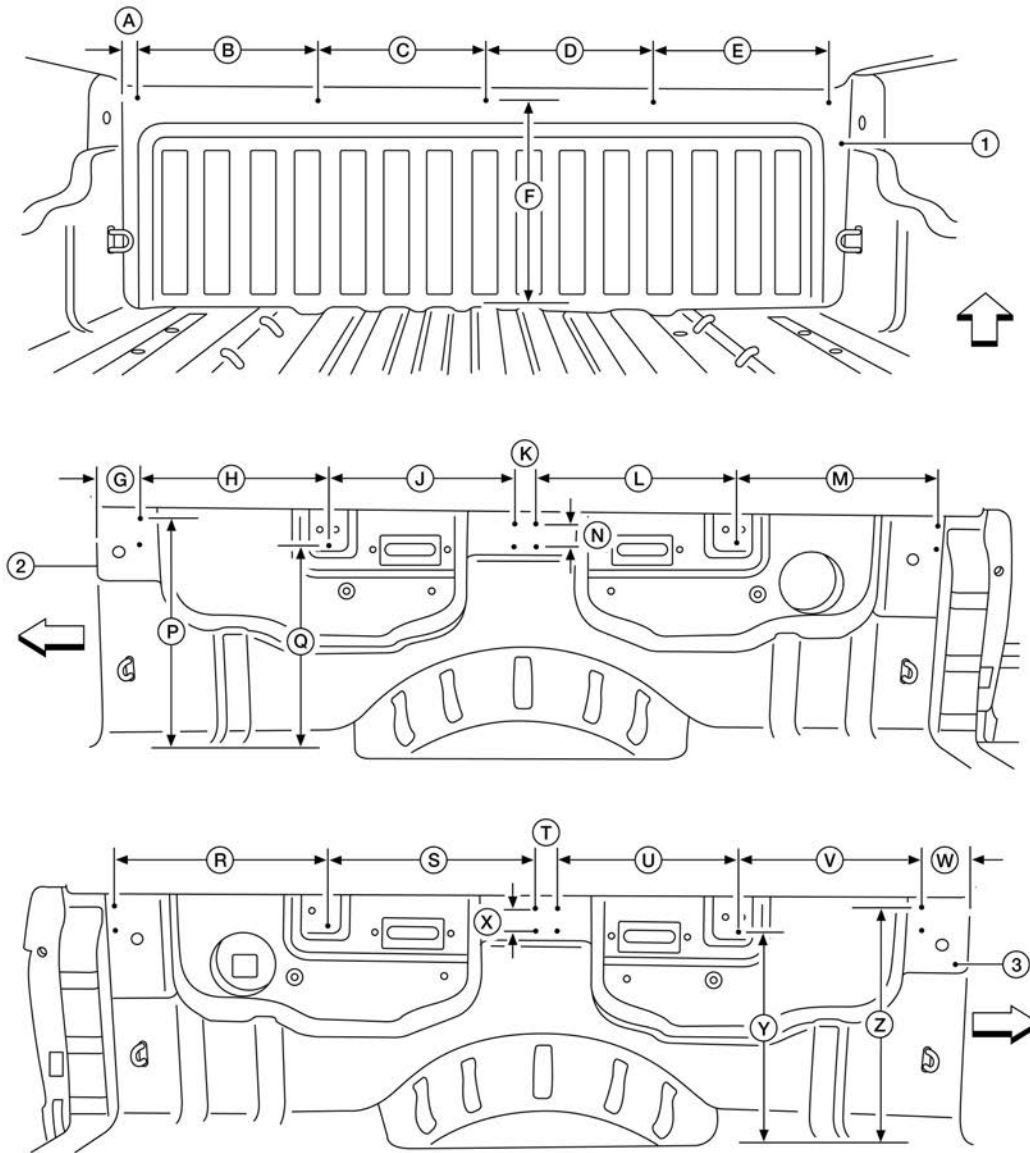
G. 98 mm (3.86 in.)	H. 506 mm (19.92 in.)	J. 46 mm (1.81 in.)
K. 48 mm (1.89 in.)	L. 450 mm (17.72 in.)	M. 450 mm (17.72 in.)
N. 48 mm (1.89 in.)	P. 422 mm (16.61 in.)	Q. 470 mm (18.50 in.)
R. 450 mm (17.72 in.)	S. 450 mm (17.72 in.)	T. 48 mm (1.89 in.)
U. 403 mm (15.87 in.)	V. 403 mm (15.87 in.)	W. 98 mm (3.86 in.)
X. 48 mm (1.89 in.)	Y. 422 mm (16.61 in.)	Z. 470 mm (18.50 in.)



AAZIA0705ZZ

A. 530 mm (20.87 in.)	B. 262 mm (10.31 in.)	C. 240 mm (9.45 in.)
D. 468 mm (18.43 in.)	E. 126 mm (4.96 in.)	F. 230 mm (9.06 in.)

King Cab®



AAZIA0679ZZ

NOTE:

For weld nut load specs, refer to the appropriate Weights chart in the Resource Charts section of this manual:

[RESOURCE CHARTS \(pg. 203\)](#)

↔: Front of vehicle.

1. Front Bed Panel

A. 46 mm (1.81 in.)

D. 374 mm (14.72 in.)

G. 98 mm (3.86 in.)

K. 48 mm (1.89 in.)

N. 48 mm (1.89 in.)

2. RH Side Bed Panel

B. 390 mm (15.35 in.)

E. 390 mm (15.35 in.)

H. 403 mm (15.87 in.)

L. 450 mm (17.72 in.)

P. 470 mm (18.50 in.)

3. LH Side Bed Panel

C. 374 mm (14.72 in.)

F. 455 mm (17.91 in.)

J. 403 mm (15.87 in.)

M. 450 mm (17.72 in.)

Q. 422 mm (16.61 in.)

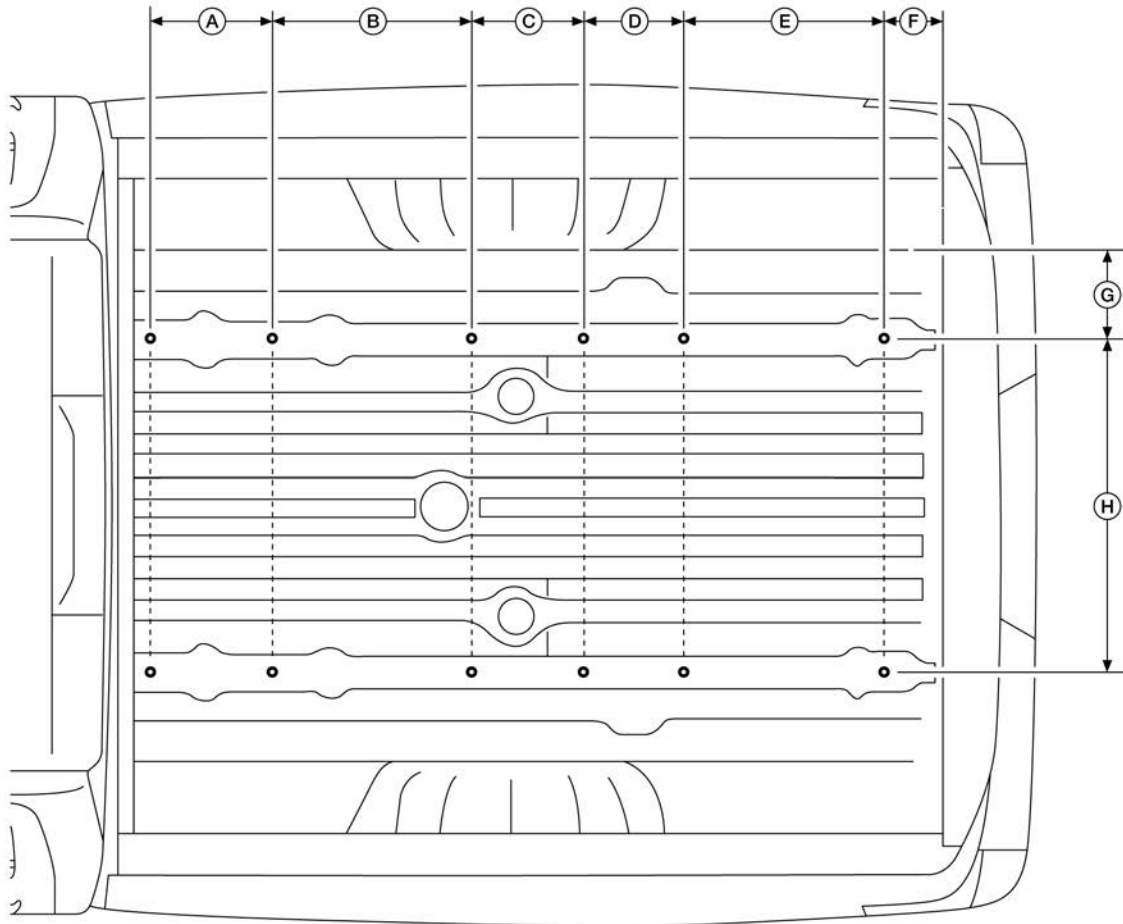
BED WELD NUT DIMENSIONS

[ADD ON EQUIPMENT]

R. 450 mm (17.72 in.)
U. 403 mm (15.87 in.)
X. 48 mm (1.89 in.)

S. 450 mm (17.72 in.)
V. 403 mm (15.87 in.)
Y. 422 mm (16.61 in.)

T. 48 mm (1.89 in.)
W. 98 mm (3.86 in.)
Z. 470 mm (18.50 in.)



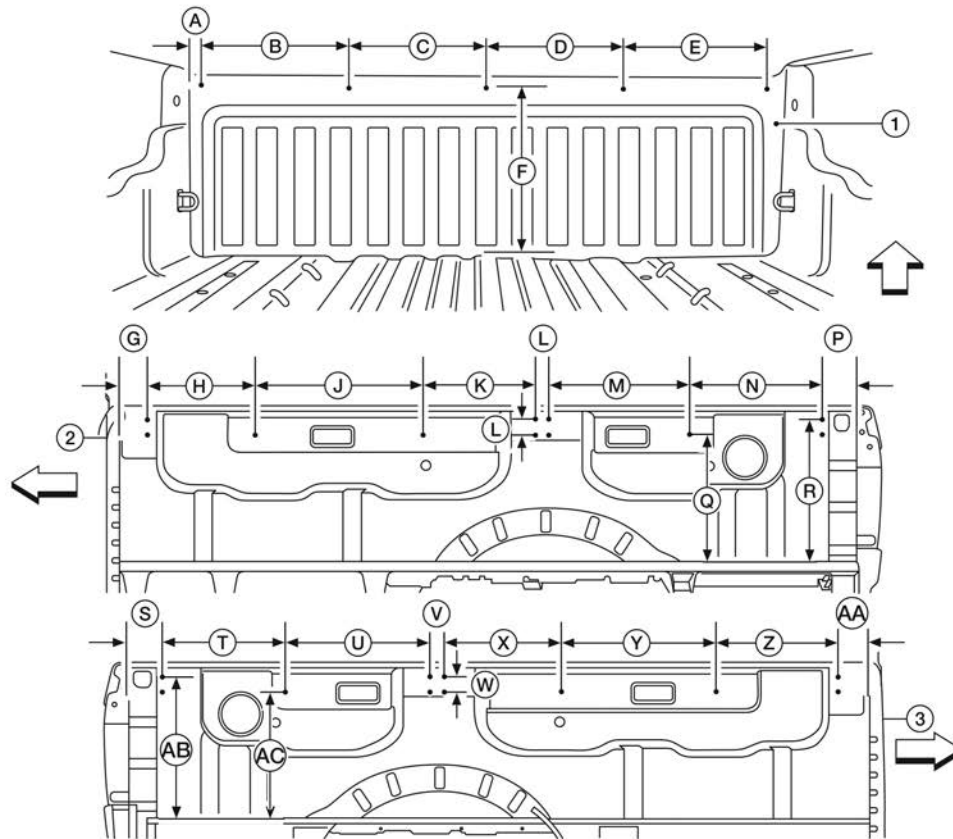
AAZIA0539ZZ

A. 300 mm (11.81 in.)
D. 240 mm (9.45 in.)
G. 222 mm (8.74 in.)

B. 532 mm (20.94 in.)
E. 466 mm (18.35 in.)
H. 802 mm (31.57 in.)

C. 260 mm (10.24 in.)
F. 126 mm (4.96 in.)

Single Cab (2017-2019 Model Years)



AAZIA0796ZZ

NOTE:

For weld nut load specs, refer to the appropriate Weights chart in the Resource Charts section of this manual:

[RESOURCE CHARTS \(pg. 203\)](#)

↔: Front of vehicle.

1. Front Bed Panel

A. 46 mm (1.81 in.)

D. 374 mm (14.72 in.)

G. 102 mm (4.02 in.)

K. 406 mm (15.98 in.)

N. 448 mm (17.64 in.)

R. 450 mm (17.72 in.)

U. 450 mm (17.72 in.)

X. 406 mm (15.98 in.)

AA. 102 mm (4.02 in.)

2. RH Side Bed Panel

B. 390 mm (15.35 in.)

E. 390 mm (15.35 in.)

H. 354 mm (13.94 in.)

L. 48 mm (1.89 in.)

P. 75 mm (2.95 in.)

S. 75 mm (2.95 in.)

V. 48 mm (1.89 in.)

Y. 552 mm (21.73 in.)

AB. 450 mm (17.72 in.)

3. LH Side Bed Panel

C. 374 mm (14.72 in.)

F. 455 mm (17.91 in.)

J. 552 mm (21.73 in.)

M. 450 mm (17.72 in.)

Q. 470 mm (18.50 in.)

T. 448 mm (17.64 in.)

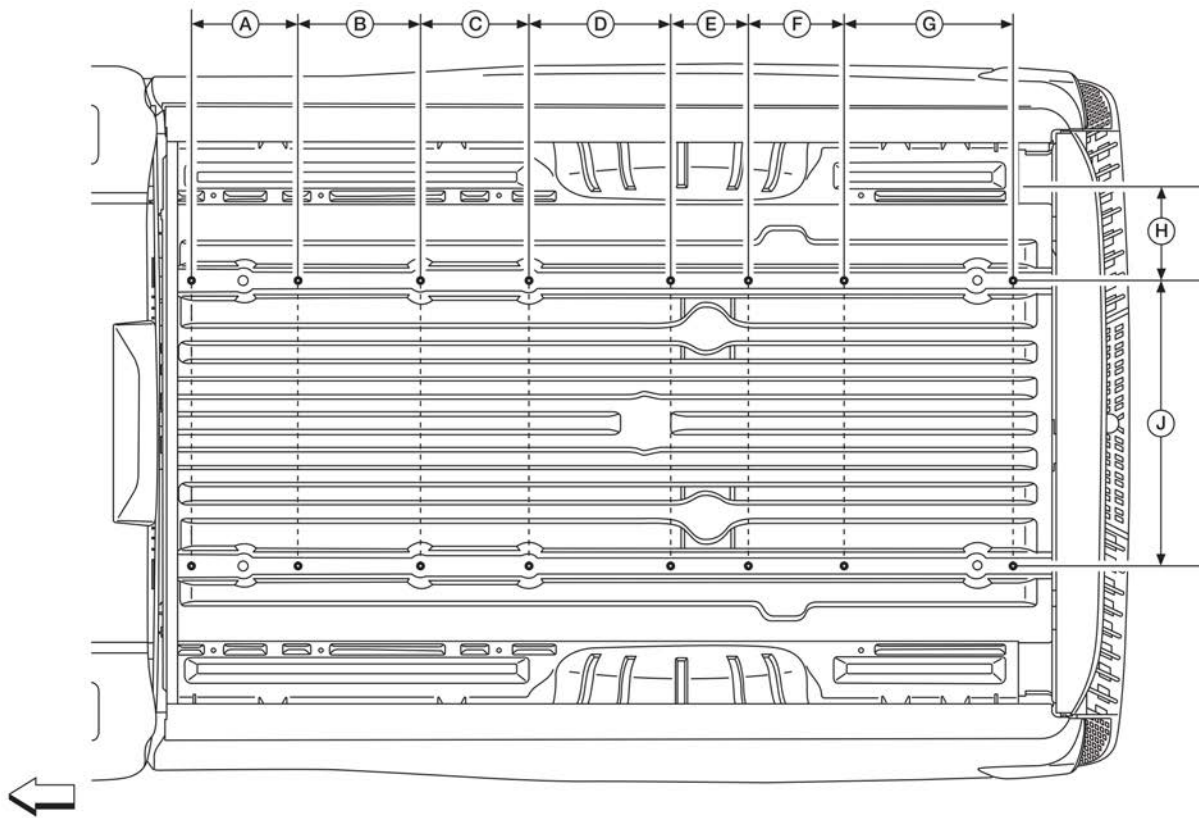
W. 48 mm (1.89 in.)

Z. 354 mm (13.94 in.)

AC. 470 mm (18.50 in.)

BED WELD NUT DIMENSIONS

[ADD ON EQUIPMENT]



AAZIA0797ZZ

↩: Front of vehicle.

A. 300 mm (11.81 in)

B. 498 mm (19.61 in)

C. 532 mm (20.94 in)

D. 258 mm (10.16 in)

E. 242 mm (9.53 in)

F. 467 mm (18.39 in)

G. 124 mm (4.88 in)

H. 222 mm (8.74 in)

J. 802 mm (31.57 in)

CENTER HIGH MOUNT STOP LAMP**CAUTION:**

When adding an additional Center High Mount Stop Lamp (CHMSL) to a vehicle equipped with LED stop lamps, care must be taken to avoid exceeding stop lamp circuit capacity. Use only an LED lamp in an additional CHMSL, or an incandescent lamp not to exceed 10 watts. Exceeding the brake lamp circuit capacity may result in vehicle damage.

**CAUTION:**

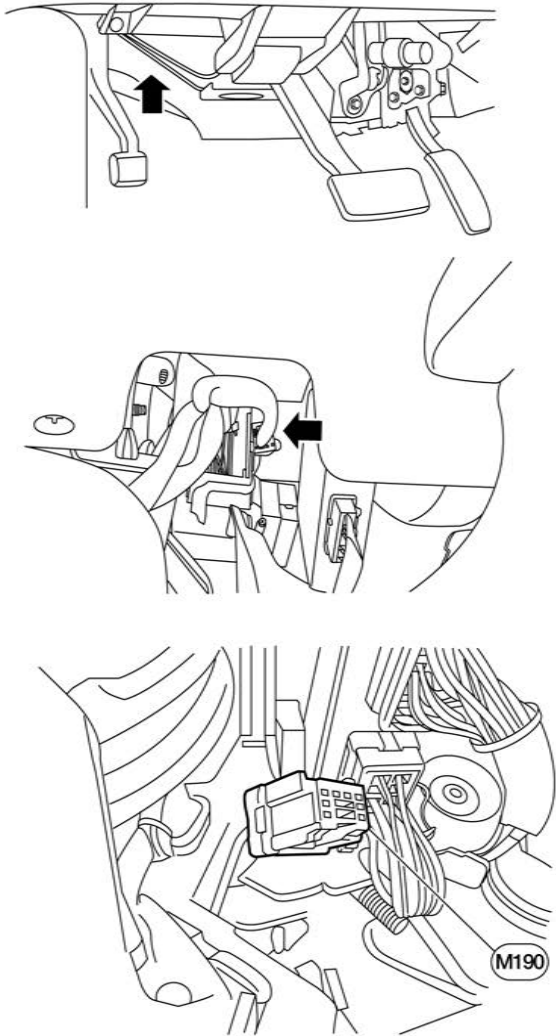
Unused wires in the jumper harness must be individually covered with electrical tape in order to prevent a possible short-circuit. Failure to do so may result in vehicle damage.

A 6-pin electric brake pre-wiring connector and a jumper harness is included from the factory.

The pre-wiring connector is located in the passenger compartment on the driver's side, taped back to the main harness behind the instrument panel above the parking brake pedal. Refer to the following illustration and wiring information.

Terminal 2 on connector M190 can be used as a tap in point for the addition of a CHMSL.

ELECTRIC BRAKE PRE-WIRING



AAZ1A0391CB

Connector No.	M190
Connector Name	ELECTRIC BRAKE (PRE-WIRING)
Connector Color	WHITE



2	6
1	3 4 5

Terminal No.	Color of Wire	Signal Name	Wire Gauge
1	Black	GND	14
2	Red/Green	STOP LAMPS	23
3	Brown/White	TRAILER BRAKE	14
4	Blue	ILLUMINATION	22
5	Red	B+	14

Connector No.	—
Connector Name	ELECTRIC BRAKE (PRE-WIRING) (JUMPER HARNESS SIDE)
Connector Color	WHITE



6	2
5	4 3 1

Terminal No.	Color of Wire	Signal Name
1	Black	GND
2	Red/Green	STOP LAMPS
3	Brown/White	TRAILER BRAKE
4	Red/Blue	ILLUMINATION (NOT USED)
5	Red	B+

SPECIFICATIONS

RECOMMENDED FLUIDS AND LUBRICANTS

NOTE:

Refer to Service Manual for detailed service procedures.

(2017–2019 Model Years)

Fluid Type		Capacity (Approximate)			Recommended Fluids/ Lubricants
		Metric	US measure	Imperial measure	
Fuel		98.4 liters	26 gallons	21 $\frac{5}{8}$ gallons	Unleaded gasoline with an octane rating of at least 87 AKI (RON 91) * 1
Engine oil Drain and refill	With oil filter change	6.5 liters	6 $\frac{7}{8}$ quarts	5 $\frac{3}{4}$ quarts	Genuine NISSAN engine oil or equivalent Engine oil with API Certification Mark * 2 Viscosity SAE 0W-20 * 3
	Without oil filter change	6.2 liters	6 $\frac{1}{2}$ quarts	5 $\frac{1}{2}$ quarts	
Engine coolant	(With reservoir at MAX level)	15.23 liters	4 gallons	3 $\frac{3}{8}$ gallons	Pre-diluted Genuine NISSAN Long Life Antifreeze/Coolant (blue) or equivalent * 4
Automatic transmission fluid (ATF)		10.0 liters	10 $\frac{5}{8}$ quarts	8 $\frac{3}{4}$ quarts	Genuine NISSAN Matic S ATF * 5
Front differential gear oil		1.25 liters	2 $\frac{5}{8}$ pints	2 $\frac{1}{4}$ pints	Genuine NISSAN Differential Oil Hypoid Super—CT Synthetic GL-5 75W–90 * 6
Rear differential gear oil		2.3 liters	4 $\frac{7}{8}$ pints	4 pints	
Transfer fluid		1.5 liters	1 $\frac{5}{8}$ quarts	1 $\frac{3}{8}$ quarts	Genuine NISSAN ATF D3M * 7
Power steering fluid (PSF)		1.05 liters	1 $\frac{1}{8}$ quarts	$\frac{7}{8}$ quarts	Genuine NISSAN PSF II or equivalent
Brake fluid		—	—	—	Genuine NISSAN Super Heavy Duty Brake Fluid * 8 or equivalent, DOT 3 (US FMVSS No. 116)
Multi-purpose grease		—	—	—	NLGI No.2 (lithium soap base)
Windshield washer fluid		4.5 liters	1 $\frac{1}{4}$ gallons	1 gallon	Genuine NISSAN Windshield Washer Concentrate Cleaner and Antifreeze or equivalent
Air conditioning system refrigerant (2017–2018 Model years)		0.725 kg (±0.05 kg)	1.598 pounds (±0.11 lb)	1.598 pounds (±0.11 lb)	HFC-134a (R-134a) * 9

Fluid Type	Capacity (Approximate)			Recommended Fluids/ Lubricants
	Metric	US measure	Imperial measure	
Air conditioning system refrigerant (2019 Model year)	0.750 kg (±0.05 kg)	1.654 pounds (±0.11 lb)	1.654 pounds (±0.11 lb)	HFO-1234yf (R-1234yf) *9
Air conditioning system oil (2017–2018 Model years)	220 milliliters	7.44 fluid ounces	7.74 fluid ounces	A/C System Oil Type S (DH-PS) *9
Air conditioning system oil (2019 Model year)	150 milliliters	5.1 fluid ounces	5.3 fluid ounces	VC100yf or equivalent *9

***1:** For additional information, refer to [Precaution for Fuel \(pg. 575\)](#).

***2:** For additional information, refer to [Engine Oil Recommendation \(pg. 576\)](#).

***3:** As an alternative to this recommended oil, SAE 5W-30 conventional petroleum oils may be used and meet all specifications and requirements necessary to maintain the New Vehicle Limited Warranty.

***4:** For additional information, refer to [Engine Coolant Recommendation \(pg. 576\)](#).

***5: Using automatic transmission fluid other than Genuine NISSAN Matic S ATF or equivalent may cause deterioration in driveability and automatic transmission durability, and may damage the automatic transmission, which is not covered by the NISSAN New Vehicle Limited Warranty.**

***6:** The use of differential gear oil other than the specified may cause vehicle malfunctions and result in non-warranty vehicle repairs. See a NISSAN dealer for service for synthetic oil.

***7:** Using fluid other than Genuine NISSAN ATF D3M may cause deterioration in driveability and transfer durability, and may damage the transfer case, which is not covered by the NISSAN New Vehicle Limited Warranty.

***8:** Available in mainland U.S.A. through a NISSAN dealer.

***9:** For additional information, see “Air conditioner specification label” on the underside of the hood.

RECOMMENDED FLUIDS AND LUBRICANTS

[SPECIFICATIONS]

(2020–2021 model years)

Fluid Type		Capacity (Approximate)			Recommended Fluids/ Lubricants
		Metric	US measure	Imperial measure	
Fuel		98.4 liters	26 gallons	21 $\frac{5}{8}$ gallons	Unleaded premium gasoline with an octane rating of at least 91 AKI (RON 96). *1
Engine oil Drain and refill	With oil filter change	6.5 liters	6 $\frac{7}{8}$ quarts	5 $\frac{3}{4}$ quarts	Genuine “NISSAN Motor Oil 0W-20 SN” (or equivalent) is recommended. Engine oil with API Certification Mark *2 Viscosity SAE 0W-20 *3
	Without oil filter change	6.2 liters	6 $\frac{1}{2}$ quarts	5 $\frac{1}{2}$ quarts	
Engine coolant	(With reservoir at MAX level)	13.4 liters	3 $\frac{1}{2}$ gallons	3 gallons	Pre-diluted Genuine NISSAN Long Life Antifreeze/Coolant (blue) or equivalent *4
Automatic transmission fluid (ATF)		9.5 liters	10 quarts	8 $\frac{3}{8}$ quarts	Genuine NISSAN Matic P ATF or equivalent *5
Front differential gear oil		1.25 liters	2 $\frac{5}{8}$ pints	2 $\frac{1}{4}$ pints	Genuine NISSAN Differential Oil Synthetic GL-5 75W-85 *6
Rear differential gear oil		2.3 liters	4 $\frac{7}{8}$ pints	4 pints	
Transfer fluid		1.5 liters	1 $\frac{5}{8}$ quarts	1 $\frac{3}{8}$ quarts	Genuine NISSAN ATF D3M or equivalent *7
Power steering fluid (PSF)		1.05 liters	1 $\frac{1}{8}$ quarts	$\frac{7}{8}$ quarts	Genuine NISSAN PSF II or equivalent
Brake fluid		—	—	—	Genuine NISSAN Super Heavy Duty Brake Fluid *8 or equivalent, DOT 3 (US FMVSS No. 116)
Multi-purpose grease		—	—	—	NLGI No.2 (lithium soap base)
Windshield washer fluid		4.5 liters	1 $\frac{1}{4}$ gallons	1 gallon	Genuine NISSAN Windshield Washer Concentrate Cleaner and Antifreeze or equivalent
Air conditioning system refrigerant		0.750 kg (±0.05 kg)	1.654 pounds (±0.11 lb)	1.654 pounds (±0.11 lb)	HFO-1234yf (R-1234yf) *9
Air conditioning system oil		150 milliliters	5.1 fluid ounces	5.3 fluid ounces	Genuine NISSAN A/C System Oil Type PAG (VC100yf oil) or equivalent. *9

***1:** For additional information, refer to [Precaution for Fuel \(pg. 575\)](#).

***2:** For additional information, refer to [Engine Oil Recommendation \(pg. 576\)](#).

***3:** If the above motor oil (or engine oil) is not available, a synthetic 0W-20 GF-5 SN motor oil (or engine oil) may be used. Damage caused by the use of motor oil (engine oil) other than as recommended is not covered under NISSAN's New Vehicle Limited Warranty.

***4:** For additional information, refer to [Engine Coolant Recommendation \(pg. 576\)](#).

***5: NISSAN recommends using Genuine NISSAN Matic P ATF (or equivalent) ONLY in NISSAN automatic transmissions. Do not mix with other fluids. Using fluids that are not equivalent to Genuine NISSAN Matic P ATF may damage the automatic transmission. Damage caused by the use of fluids other than as recommended is not covered under NISSAN's New Vehicle Limited Warranty.**

***6:** NISSAN recommends using Genuine NISSAN Differential Oil Synthetic GL-5 75W-85 ONLY in final drive. Do not mix with other fluids. Using fluids that are not equivalent to Genuine NISSAN Differential Oil Synthetic GL-5 75W-85 may damage the differential gear. Damage caused by the use of fluids other than as recommended is not covered under NISSAN's New Vehicle Limited Warranty.

***7:** Using fluid other than Genuine NISSAN ATF D3M (or equivalent) may cause deterioration in driveability and transfer durability, and may damage the transfer. Damage caused by fluids other than as recommended is not covered by the NISSAN New Vehicle Limited Warranty.

***8:** Available in mainland U.S.A. through a NISSAN dealer.

***9:** For additional information, see "Air conditioner specification label" on the underside of the hood.

RECOMMENDED FLUIDS AND LUBRICANTS

[SPECIFICATIONS]

(Starting 2022 model year)

Fluid Type		Capacity (Approximate)			Recommended Fluids/ Lubricants
		Metric	US measure	Imperial measure	
Fuel		98.4 liters	26 gallons	21 $\frac{5}{8}$ gallons	Unleaded premium gasoline with an octane rating of at least 91 AKI (RON 96) *1
Engine oil Drain and refill	With oil filter change	6.5 liters	6 $\frac{7}{8}$ quarts	5 $\frac{3}{4}$ quarts	Genuine "NISSAN Motor Oil 0W-20 SP" (or equivalent) is recommended. Engine oil with API Certification Mark *2 Viscosity SAE 0W-20 *3
	Without oil filter change	6.2 liters	6 $\frac{1}{2}$ quarts	5 $\frac{1}{2}$ quarts	
Engine coolant	(With reservoir at MAX level)	13.4 liters	3 $\frac{1}{2}$ gallons	3 gallons	Pre-diluted Genuine NISSAN Long Life Antifreeze/Coolant (blue) or equivalent *4
Automatic transmission fluid (ATF)		9.5 liters	10 quarts	8 $\frac{3}{8}$ quarts	Genuine NISSAN Matic P ATF or equivalent *5
Front differential gear oil		1.25 liters	2 $\frac{5}{8}$ pints	2 $\frac{1}{4}$ pints	Genuine NISSAN Differential Oil Synthetic GL-5 75W-85 *6
Rear differential gear oil		2.3 liters	4 $\frac{7}{8}$ pints	4 pints	
Transfer fluid		1.5 liters	1 $\frac{5}{8}$ quarts	1 $\frac{3}{8}$ quarts	Genuine NISSAN ATF D3M or equivalent *7
Power steering fluid (PSF)		1.05 liters	1 $\frac{1}{8}$ quarts	$\frac{7}{8}$ quarts	Genuine NISSAN PSF II or equivalent
Brake fluid		—	—	—	Genuine NISSAN Super Heavy Duty Brake Fluid *8 or equivalent, DOT 3 (US FMVSS No. 116)
Multi-purpose grease		—	—	—	NLGI No.2 (lithium soap base)
Windshield washer fluid		4.5 liters	1 $\frac{1}{4}$ gallons	1 gallon	Genuine NISSAN Windshield Washer Concentrate Cleaner and Antifreeze or equivalent
Air conditioning system refrigerant		0.750 kg (±0.05 kg)	1.650 pounds (±0.110 lb)	1.650 pounds (±0.110 lb)	HFO-1234yf (R-1234yf) *9
Air conditioning system oil		150 milliliters	5.1 fluid ounces	5.3 fluid ounces	Genuine NISSAN A/C System Oil Type PAG (VC100yf oil) or equivalent. *9

***1:** For additional information, refer to [Precaution for Fuel \(pg. 575\)](#).

***2:** For additional information, refer to [Engine Oil Recommendation \(pg. 576\)](#).

***3:** If the above motor oil (or engine oil) is not available, a synthetic 0W-20 GF-6 SP motor oil (or engine oil) may be used. Damage caused by the use of motor oil (engine oil) other than as recommended is not covered under NISSAN's New Vehicle Limited Warranty.

***4:** For additional information, refer to [Engine Coolant Recommendation \(pg. 576\)](#).

***5: NISSAN recommends using Genuine NISSAN Matic P ATF (or equivalent) ONLY in NISSAN automatic transmissions. Do not mix with other fluids. Using fluids that are not equivalent to Genuine NISSAN Matic P ATF may damage the automatic transmission. Damage caused by the use of fluids other than as recommended is not covered under NISSAN's New Vehicle Limited Warranty.**

***6:** NISSAN recommends using Genuine NISSAN Differential Oil Synthetic GL-5 75W-85 ONLY in final drive. Do not mix with other fluids. Using fluids that are not equivalent to Genuine NISSAN Differential Oil Synthetic GL-5 75W-85 may damage the differential gear. Damage caused by the use of fluids other than as recommended is not covered under NISSAN's New Vehicle Limited Warranty.

***7:** Using fluid other than Genuine NISSAN ATF D3M (or equivalent) may cause deterioration in driveability and transfer durability, and may damage the transfer. Damage caused by fluids other than as recommended is not covered by the NISSAN New Vehicle Limited Warranty.

***8:** Available in mainland U.S.A. through a NISSAN dealer.

***9:** For additional information, see "Air conditioner specification label" on the underside of the hood.

Precaution for Fuel (Unleaded Regular Gasoline Recommended)

For 2017–2020 Model Years: Use unleaded regular gasoline with an octane rating of at least 87 AKI (Anti-Knock Index) number (Research octane number 91).

**CAUTION:**

Do not use leaded gasoline. Using leaded gasoline will damage the three-way catalyst. Do not use E-85 fuel (85% fuel ethanol, 15% unleaded gasoline) unless the vehicle is specifically designed for E-85 fuel (i.e., Flexible Fuel Vehicle — FFV Models). Using a fuel other than that specified could adversely affect the emission control devices and systems, and could also affect the warranty coverage validity.

Starting 2021 Model Year: NISSAN recommends the use of unleaded premium gasoline with an octane rating of at least 91 AKI (Anti-Knock Index) number (Research octane number 96). If unleaded premium gasoline is not available, you may use unleaded regular gasoline with an octane rating of at least 87 AKI (Anti-Knock Index) number (Research octane number 91), but you may notice a decrease in performance.

**CAUTION:**

- **Using a fuel other than that specified could adversely affect the emission control system, and may also affect the warranty coverage.**
- **Under no circumstances should a leaded gasoline be used, because this will damage the three-way catalyst. • Do not use a fuel containing more than 15% ethanol in your vehicle. Your vehicle is not designed to run on a fuel containing more than 15% ethanol. Using a fuel containing more than 15% ethanol in a vehicle not specifically designed for a fuel containing more than 15% ethanol can adversely affect the emission control devices and systems of the vehicle. Damage caused by such fuel is not covered by the NISSAN new vehicle limited warranty.**
- **Do not use fuel that contains the octane booster methylcyclopentadienyl manganese tricarbonyl (MMT). Using fuel containing MMT may adversely affect vehicle performance and vehicle emissions. Not all fuel dispensers are labeled to indicate MMT content, so you may have to consult your gasoline retailer for more details. Note that Federal and California laws prohibit the use of MMT in reformulated gasoline.**
- **U.S. government regulations require ethanol dispensing pumps to be identified by a small, square, orange and black label with the common abbreviation or the appropriate percentage for that region.**

Engine Oil Recommendation

Nissan recommends the use of a resource conserving oil in order to improve fuel economy. Select only engine oils that meet the American Petroleum Institute (API) certification and International Lubricant Standardization and Approval Committee (ILSAC) certification and SAE viscosity standard. These oils have the API certification mark on the front of the container. Oils which do not have the specified quality label should not be used as they could cause engine damage.



TGAAZIA0340ZZ

1. API certification mark

2. API service symbol

Engine Coolant Recommendation

The engine cooling system is filled at the factory with a pre-diluted mixture of 50% Genuine NISSAN Long Life Antifreeze/Coolant (blue) and 50% water to provide year round antifreeze and coolant protection. The antifreeze solution contains rust and corrosion inhibitors. Additional cooling system additives are not necessary.



WARNING:

- **Never remove the radiator or coolant reservoir cap when the engine is hot. Wait until the engine and radiator cool down. Serious burns could be caused by high pressure fluid escaping from the radiator.**
- **The radiator is equipped with a pressure type radiator cap. To prevent engine damage, use only a Genuine NISSAN radiator cap.**



CAUTION:

- **When adding or replacing coolant, be sure to use only Genuine NISSAN Long Life Antifreeze/Coolant (blue) or equivalent. Genuine NISSAN Long Life Antifreeze/Coolant (blue) is pre-diluted to provide antifreeze protection to -34° F (-37° C). If additional freeze protection is needed due to weather where the vehicle is operated, add Genuine NISSAN long life Antifreeze/Coolant (blue) concentrate following the directions on the container. If an equivalent coolant other than Genuine NISSAN Long Life Antifreeze/Coolant (blue) is used, follow the coolant manufacturer's instructions to maintain minimum antifreeze protection to -34° F (-37° C). The use of other types of coolant solutions other than Genuine NISSAN Long Life Antifreeze/Coolant (blue) or equivalent may damage the engine cooling system.**
- **Mixing any other type of coolant other than Genuine NISSAN Long Life Antifreeze/Coolant (blue), including Genuine NISSAN Long Life Antifreeze/Coolant (green), or the use of non-distilled water will reduce the life expectancy of the factory filled coolant.**

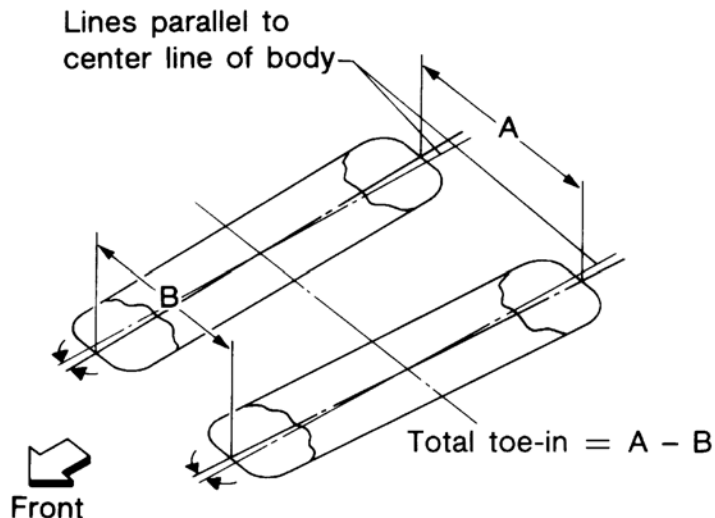
SUSPENSION

General Specification (Front)

Suspension type	Independent double wishbone coil over shock
Shock absorber type	Double-acting hydraulic
Stabilizer	Standard equipment

Wheel Alignment (Unladen*1) (2017-2022 Model Years)

Drive Type		2WD		4WD			
Grade		S, SV	SL, Platinum	S, SV	Platinum	Pro-4X	SL
		265/70R18	P275/60R20	265/70R18	P275/60R20	P275/70R18	P275/60R20
Camber Degree minute (decimal degree)	Minimum	-1° 00' 00" (-1.00°)		-0° 54' 36" (-0.91°)		-0° 31' 48" (-0.53°)	
	Nominal	-0° 10' 12" (-0.17°)		-0° 04' 48" (-0.08°)		0° 18' 00" (0.30°)	
	Maximum	0° 39' 36" (0.66°)		0° 45' 00" (0.75°)		1° 07' 48" (1.13°)	
Cross camber Degree minute (decimal degree)	Minimum	-0° 45' 00" (-0.75°)					
	Nominal	0° 00' 00" (0.00°)					
	Maximum	0° 45' 00" (0.75°)					
Caster Degree minute (decimal degree)	Minimum	2° 09' 36" (2.16°)		1° 54' 36" (1.91°)		1° 24' 36" (1.41°)	
	Nominal	3° 04' 48" (3.08°)		2° 49' 48" (2.83°)		2° 19' 48" (2.33°)	
	Maximum	4° 00' 00" (4.00°)		3° 45' 00" (3.75°)		3° 15' 00" (3.25°)	
Cross caster Degree minute (decimal degree)	Minimum	-0° 45' 00" (-0.75°)					
	Nominal	0° 00' 00" (0.00°)					
	Maximum	0° 45' 00" (0.75°)					
Kingpin inclination (reference only) Degree minute (decimal degree)		13° 34' 48" (13.58°)		13° 19' 48" (13.33°)		13° 00' 00" (13.00°)	



SUSPENSION

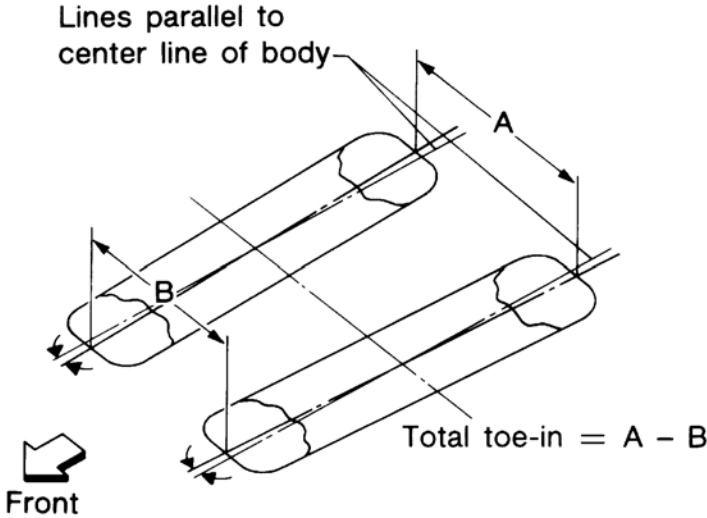
[SPECIFICATIONS]

Drive Type			2WD		4WD			
Grade			S, SV	SL, Platinum	S, SV	Platinum	Pro-4X	SL
			265/ 70R18	P275/ 60R20	265/ 70R18	P275/ 60R20	P275/ 70R18	P275/ 60R20
Total toe-in	Total toe-in Distance (A – B)	Minimum	out 0.9 mm (out 0.04 in)					
		Nominal	In 2.4 mm (In 0.09 in)					
		Maximum	In 5.7 mm (In 0.22 in)					
	Total toe-in Angle Degree minute (decimal degree)	Minimum	out 0° 02' 24" (out 0.04°)					
		Nominal	In 0° 09' 36" (In 0.16°)					
		Maximum	In 0° 21' 36" (In 0.36°)					

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

Wheel Alignment (Unladen*1) (2023 Model Year)

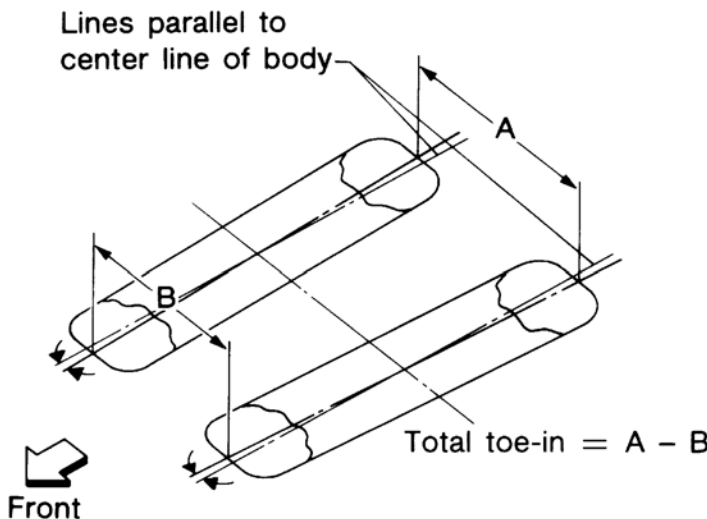
Drive Type		2WD		4WD		
Grade		S, SV	Platinum	S, SV	Platinum	Pro-4X
		265/70R18	P275/60R20	265/70R18	P275/60R20	P275/70R18
Camber Degree minute (decimal degree)	Minimum	-1° 00' 00" (-1.00°)		-0° 54' 36" (-0.91°)	-0° 31' 48" (-0.53°) 0° 18' 00" (0.30°) 1° 07' 48" (1.13°)	
	Nominal	-0° 10' 12" (-0.17°)		-0° 04' 48" (-0.08°)		
	Maximum	0° 39' 36" (0.66°)		0° 45' 00" (0.75°)		
Cross camber Degree minute (decimal degree)	Minimum	-0° 45' 00" (-0.75°)				
	Nominal	0° 00' 00" (0.00°)				
	Maximum	0° 45' 00" (0.75°)				
Caster Degree minute (decimal degree)	Minimum	2° 09' 36" (2.16°)		1° 54' 36" (1.91°)	1° 24' 36" (1.41°)	
	Nominal	3° 04' 48" (3.08°)		2° 49' 48" (2.83°)	2° 19' 48" (2.33°)	
	Maximum	4° 00' 00" (4.00°)		3° 45' 00" (3.75°)	3° 15' 00" (3.25°)	
Cross caster Degree minute (decimal degree)	Minimum	-0° 45' 00" (-0.75°)				
	Nominal	0° 00' 00" (0.00°)				
	Maximum	0° 45' 00" (0.75°)				
Kingpin inclination (reference only) Degree minute (decimal degree)		13° 34' 48" (13.58°)		13° 19' 48" (13.33°)	13° 00' 00" (13.00°)	

Drive Type		2WD		4WD		
Grade		S, SV	Platinum	S, SV	Platinum	Pro-4X
		265/70R18	P275/60R20	265/70R18	P275/60R20	P275/70R18
						
Total toe-in	Total toe-in Distance (A - B)	Minimum	out 0.9 mm (out 0.04 in)			
		Nominal	In 2.4 mm (In 0.09 in)			
		Maximum	In 5.7 mm (In 0.22 in)			
	Total toe-in Angle Degree minute (decimal degree)	Minimum	out 0° 02' 24" (out 0.04°)			
		Nominal	In 0° 09' 36" (In 0.16°)			
		Maximum	In 0° 21' 36" (In 0.36°)			

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

Wheel Alignment (Unladen*1) (Starting 2024 Model Years)

Drive Type		2WD		4WD		
Grade		SV	Platinum	SV	Platinum	Pro-4X
		265/70R18	P275/60R20	265/70R18	P275/60R20	P275/70R18
Camber Degree minute (decimal degree)	Minimum	-1° 00' 00" (-1.00°)		-0° 54' 36" (-0.91°)	-0° 31' 48" (-0.53°) 0° 18' 00" (0.30°) 1° 07' 48" (1.13°)	
	Nominal	-0° 10' 12" (-0.17°)		-0° 04' 48" (-0.08°)		
	Maximum	0° 39' 36" (0.66°)		0° 45' 00" (0.75°)		
Cross camber Degree minute (decimal degree)	Minimum	-0° 45' 00" (-0.75°)				
	Nominal	0° 00' 00" (0.00°)				
	Maximum	0° 45' 00" (0.75°)				

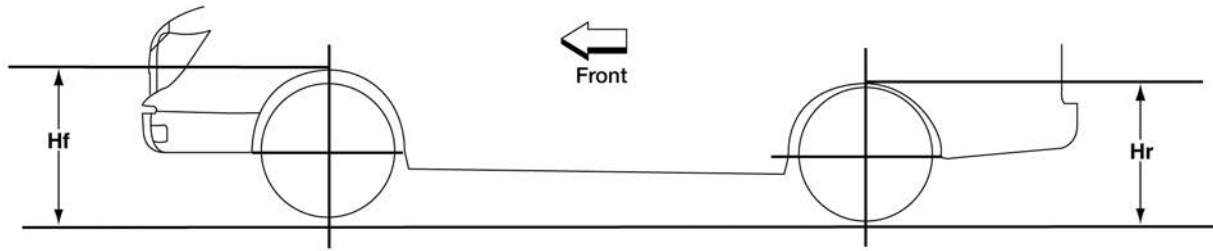
Drive Type		2WD		4WD		
Grade		SV	Platinum	SV	Platinum	Pro-4X
		265/70R18	P275/60R20	265/70R18	P275/60R20	P275/70R18
Caster Degree minute (decimal degree)	Minimum	2° 09' 36" (2.16°)		1° 54' 36" (1.91°)	1° 24' 36" (1.41°)	
	Nominal	3° 04' 48" (3.08°)		2° 49' 48" (2.83°)	2° 19' 48" (2.33°)	
	Maximum	4° 00' 00" (4.00°)		3° 45' 00" (3.75°)	3° 15' 00" (3.25°)	
Cross caster Degree minute (decimal degree)	Minimum	-0° 45' 00" (-0.75°)				
	Nominal	0° 00' 00" (0.00°)				
	Maximum	0° 45' 00" (0.75°)				
Kingpin inclination (reference only) Degree minute (decimal degree)		13° 34' 48" (13.58°)		13° 19' 48" (13.33°)	13° 00' 00" (13.00°)	
<div><p>Lines parallel to center line of body</p><p>Front</p><p>Total toe-in = A - B</p></div>						
Total toe-in	Total toe-in Distance (A - B)	Minimum	out 0.9 mm (out 0.04 in)			
		Nominal	In 2.4 mm (In 0.09 in)			
		Maximum	In 5.7 mm (In 0.22 in)			
	Total toe-in Angle Degree minute (decimal degree)	Minimum	out 0° 02' 24" (out 0.04°)			
		Nominal	In 0° 09' 36" (In 0.16°)			
		Maximum	In 0° 21' 36" (In 0.36°)			

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

General Specification (Rear)

Suspension type	Rigid axle with semi-elliptic leaf spring
Shock absorber type	Double-acting hydraulic

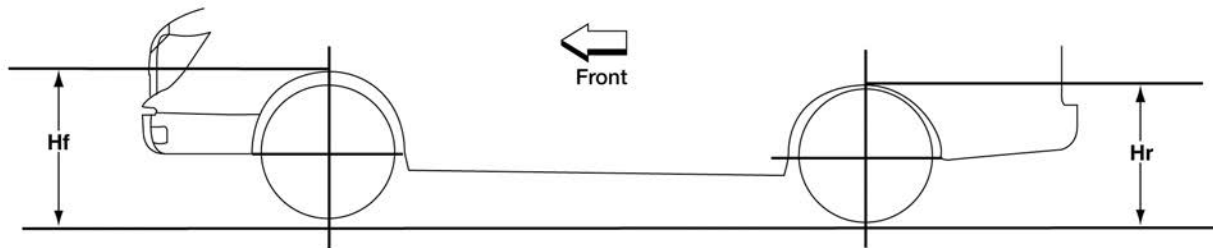
Wheel Arch Height (Unladen*¹) — Crew Cab



AAZIA0381GB

Drive type	2WD		
Grade	S	SV	SL
Tire size	P265/70R18	265/70R18	P275/60R20
Front wheel arch height (Hf)	910 mm (35.83 in)	920 mm (36.22 in)	918 mm (36.14 in)
Rear wheel arch height (Hr)	953 mm (37.52 in)	960 mm (37.80 in)	958 mm (37.72 in)

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

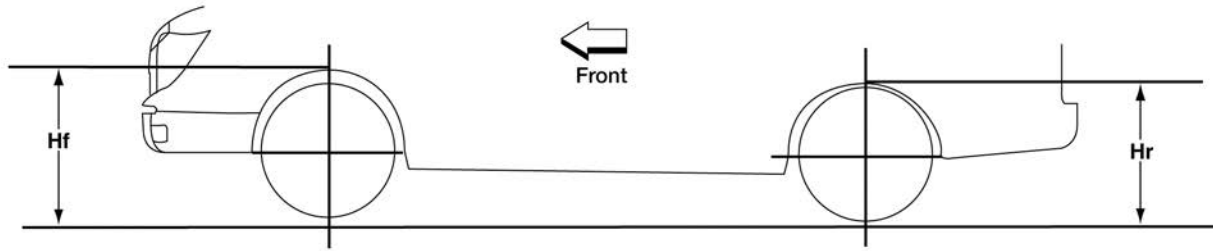


AAZIA0381GB

Drive type	4WD			
Grade	S	SV	Pro-4X	SL and Platinum
Tire size	P265/70R18	265/70R18	P275/70R18	P275/60R20
Front wheel arch height (Hf)	925 mm (36.42 in)	935 mm (36.81 in)	965 mm (37.99 in)	957 mm (37.68 in)
Rear wheel arch height (Hr)	968 mm (38.11 in)	976 mm (38.43 in)	1,006 mm (39.61 in)	998 mm (39.29 in)

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

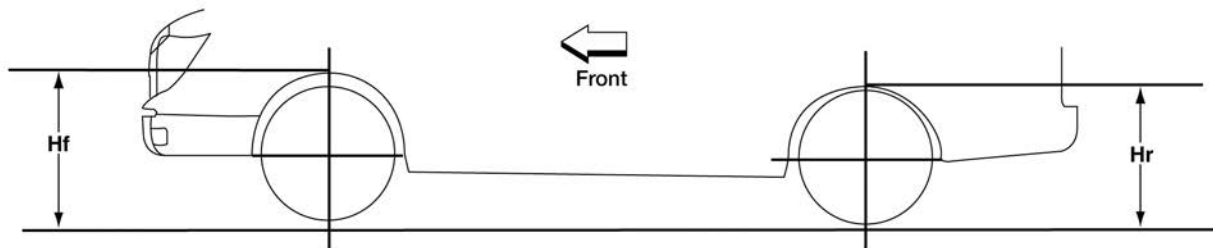
Wheel Arch Height (Unladen*1) – King Cab®



AAZIA0381GB

Drive type	2WD		
Grade	S	SV	SV Comfort and Convenience
Tire size	P265/70R18	265/70R18	P265/70R18
Front wheel arch height (Hf)	919 mm (36.18 in)	921 mm (36.25 in)	920 mm (36.22 in)
Rear wheel arch height (Hr)	960 mm (37.79 in)	961 mm (37.83 in)	961 mm (37.83 in)

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

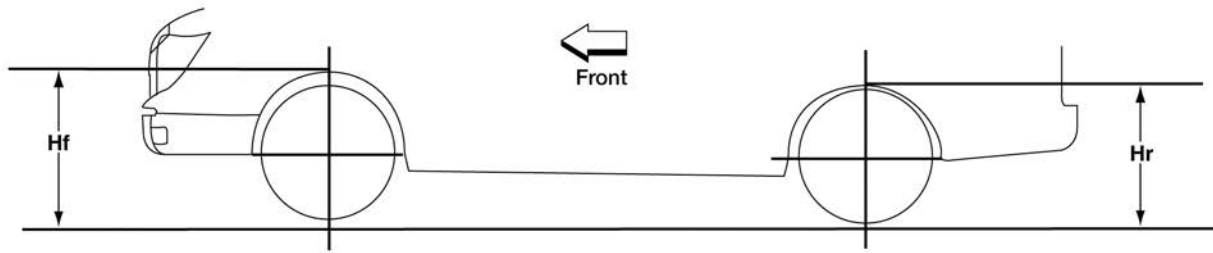


AAZIA0381GB

Drive type	4WD			
Grade	S	SV	SV Comfort and Convenience	Pro-4X
Tire size	P265/70R18	265/70R18	P275/70R18	P275/70R18
Front wheel arch height (Hf)	933 mm (36.73 in)	935 mm (36.81 in)	934 mm (36.77 in)	965 mm (37.99 in)
Rear wheel arch height (Hr)	976 mm (38.42 in)	977 mm (38.46 in)	976 mm (38.42 in)	1,007 mm (39.61 in)

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

Wheel Arch Height (Unladen*¹) — Single Cab (2017-2019 Model Years)



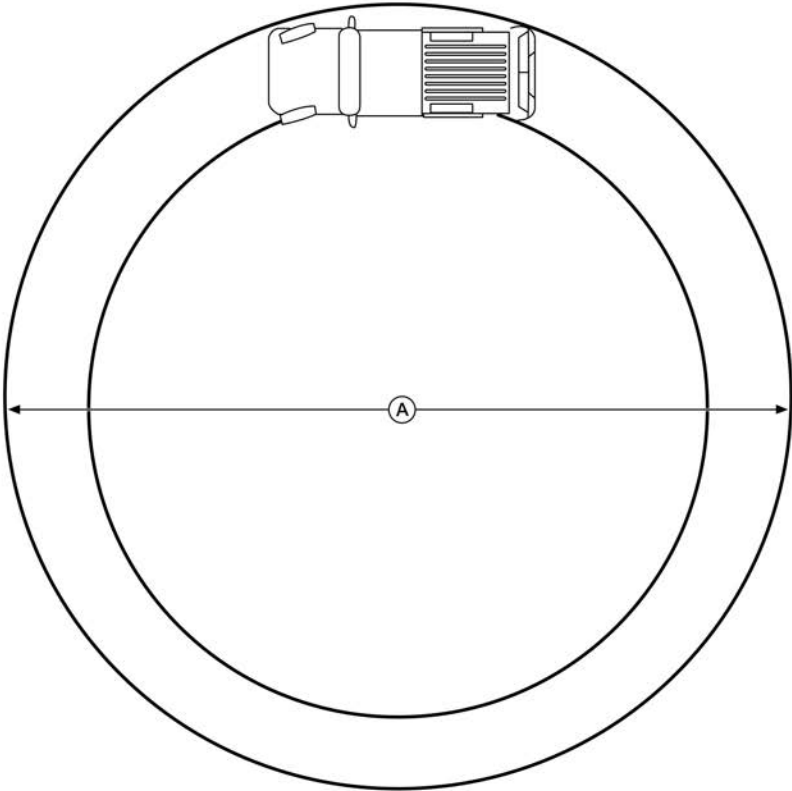
AAZIA0381GB

Drive type	2WD		4WD	
Grade	S	SV	S	SV
Tire size	P265/70R18	265/70R18	P265/70R18	265/70R18
Front wheel arch height (H_f)	920 mm (36.22 in)	921 mm (36.26 in)	934 mm (36.77 in)	935 mm (36.81 in)
Rear wheel arch height (H_r)	961 mm (37.83 in)	962 mm (37.87 in)	977 mm (38.46 in)	978 mm (38.50 in)

*1: Fuel, engine coolant and engine oil full. Spare tire, jack, hand tools and mats in designated positions.

TURNING DIAMETER

Wall-to-Wall



AAZIA0600ZZ

14.6 m (48.0 ft)

WHEEL AND TIRE

Wheels and Tires (2017-2019 Model Years)

Refer to tire placard on vehicle for tire pressure specifications.

Grade	Road wheel	Tire Size	Spare wheel	Spare tire size
S	18 X 8.0J – Styled Steel	P265/75R18	Full size – Steel	P265/75R18
SV	Standard: 18 X 8.0J Alloy – Machined Optional: 20 X 8.0J Texas TITAN Alloy – Bright PVD	265/70R18	Full size – Steel	265/70R18
Pro-4X	18 X 8.0J Steel	P275/70R18	Full size – Steel	P275/70R18
SL	20 X 8.0J Steel Optional: 20 X 8.0J Texas TITAN Alloy – Bright PVD	P275/60R20	Full size – Steel	P275/60R20
Platinum	20 X 8.0J Alloy – Dark Chrome	P275/60R20	Full size – Alloy	P275/60R20

Wheel Dimensions	
Diameter	18 in
	20 in
Width	8.0 in
Offset	18 X 8.0J wheel: 23 mm (0.91 in) (Pro-4X only)
	18 X 8.0J wheel: 25 mm (0.98 in) (S and SV only)
	20 X 8.0J wheel: 23 mm (0.91 in) (SL and Platinum only)
Bolt pattern	6 x 139.7 mm (6 X 5.5 in)
Center bore	77.77 mm (3.06 in)
Lug nut thread pitch	M12 x 1.25
Brake caliper clearance	Front: 3.8 mm (0.15 in) min.
	Rear: 5.9 mm (0.23 in) min.

WHEEL AND TIRE

[SPECIFICATIONS]

Wheels and Tires (2020–2021 model years)

Refer to tire placard on vehicle for tire pressure specifications.

Cab style	Grade	Road wheel	Tire Size	Spare wheel	Spare tire size
King Cab®	S	18 X 8.0J – Styled Steel	P265/70R18	Full size – Steel	P265/70R18
	SV	Standard: 18 X 8.0J Alloy – Machined Optional: 20X 8.0J Alloy – Machined	Standard: P265/70R18 Optional: P275/60R20	Full size – Steel	Standard: P265/70R18 Optional: P275/60R20
King Cab® and Crew Cab	Pro-4X	18 X 8.0J Alloy – Painted/ Machined	P275/70R18	Full size – Steel	P275/70R18
Crew Cab	S	18 X 8.0J – Styled Steel	P265/70R18	Full size – Steel	P265/75R18
	SL	Standard: 20 X 8.0J Alloy Optional: 20 X 8.0J Alloy – Accessory wheel	Standard: P275/60R20 Optional: P275/70R18	Full size – Steel	Standard: P275/60R20 Optional: P275/70R18
	SV	Standard: 18 X 8.0J Alloy – Chrome Optional: 20 X 8.0J Alloy – Chrome	Standard: P265/60R20 Optional: P275/60R20	Full size – Steel	Standard: P265/70R18 Optional: P275/60R20
	Platinum	Standard: 20 X 8.0J Alloy – Dark Chrome Optional: 18 X 8.0J Alloy – Machined	Standard: P275/60R20 Optional: P275/70R18	Full size – Alloy	Standard: P275/60R20 Optional: P275/70R18

Wheel Dimensions	
Diameter	18 in
	20 in
Width	8.0 in
Offset	18 X 8.0J wheel: 23 mm (0.91 in) (Pro-4X only)
	18 X 8.0J wheel: 25 mm (0.98 in) (S and SV only)
	20 X 8.0J wheel: 23 mm (0.91 in) (SL and Platinum only)
Bolt pattern	6 x 139.7 mm (6 X 5.5 in)
Center bore	77.77 mm (3.06 in)
Lug nut thread pitch	M12 x 1.25
Brake caliper clearance	Front: 3.8 mm (0.15 in) min.
	Rear: 5.9 mm (0.23 in) min.

Wheels and Tires (2022 and 2023 Model Years)

Refer to tire placard on vehicle for tire pressure specifications.

Cab style	Grade	Road wheel	Tire Size	Spare wheel	Spare tire size
King Cab®	S	18 X 8.0J – Styled Steel	P265/70R18	Full size - Steel	P265/70R18
	SV	18 X 8.0J Alloy – Machined	P265/70R18	Full size - Steel	P265/70R18
Crew Cab	S	18 X 8.0J – Styled Steel	P265/70R18	Full size - Steel	P265/75R18
	SV	Standard: 18 X 8.0J Alloy – Painted Optional: 20 X 8.0J Alloy – Chrome	Standard: P265/70R18 Optional: P275/60R20	Full size - Steel	Standard: P265/70R18 Optional: P275/60R20
	Pro-4X	18 X 8.0J Alloy – Painted/ Machined	P275/70R18	Full size - Steel	P275/70R18
	Platinum	20 X 8.0J Alloy – Dark Chrome	P275/60R20	Full size - Steel	P275/60R20

Wheel Dimensions	
Diameter	18 in
	20 in
Width	8.0 in
Offset	18 X 8.0J wheel: 23 mm (0.91 in) (Pro-4X only)
	18 X 8.0J wheel: 25 mm (0.98 in) (S and SV only)
	20 X 8.0J wheel: 23 mm (0.91 in) (Platinum only)
Bolt pattern	6 x 139.7 mm (6 X 5.5 in)
Center bore	77.77 mm (3.06 in)
Lug nut thread pitch	M12 x 1.25
Brake caliper clearance	Front: 3.8 mm (0.15 in) min.
	Rear: 5.9 mm (0.23 in) min.

WHEEL AND TIRE

[SPECIFICATIONS]

Wheels and Tires (2024 Model Year)

Refer to tire placard on vehicle for tire pressure specifications.

Cab style	Grade	Road wheel	Tire Size	Spare wheel	Spare tire size
King Cab®	SV	18 X 8.0J Alloy – Machined	P265/70R18	Full size – Steel	P265/70R18
Crew Cab	SV	Standard: 18 X 8.0J Alloy – Painted Optional: 20 X 8.0J Alloy – Chrome	Standard: P265/70R18 Optional: P275/60R20	Full size – Steel	Standard: P265/70R18 Optional: P275/60R20
	Pro-4X	18 X 8.0J Alloy – Painted/ Machined	P275/70R18	Full size – Steel	P275/70R18
	Platinum	20 X 8.0J Alloy – Dark Chrome	P275/60R20	Full size – Steel	P275/60R20

Wheel Dimensions	
Diameter	18 in
	20 in
Width	8.0 in
Offset	18 X 8.0J wheel: 23 mm (0.91 in) (Pro-4X only)
	18 X 8.0J wheel: 25 mm (0.98 in) (S and SV only)
	20 X 8.0J wheel: 23 mm (0.91 in) (Platinum only)
Bolt pattern	6 x 139.7 mm (6 X 5.5 in)
Center bore	77.77 mm (3.06 in)
Lug nut thread pitch	M12 x 1.25
Brake caliper clearance	Front: 3.8 mm (0.15 in) min.
	Rear: 5.9 mm (0.23 in) min.

BULBS

Exterior Lamp (2017–2019 Model Years)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	HB3
	Turn signal/parking lamp	28/8	7444NA
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (Halogen)	60	HB3
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	7444NA
	Side marker	5	W5W
Front fog lamp assembly (without LED, Canada only)	Fog lamp	35	H8
	Daytime running lamps	13	P13W
Front fog lamp (with LED)		55	H11
Daytime running lamps (without fog lamp, without LED, Canada only)		13	P13W
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16 (2016-2017 model years) 18 (2018-2019 model years)	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	3.5	L1224R
	Back-up lamp	16 (2016-2017 model years) 18 (2018-2019 model years)	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	16	921
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Exterior Lamp (2020 model year)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	HB3
	Turn signal/parking lamp	28/8	7444NA
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (LED)	—	—
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	7444NA
	Side marker	—	—
Front fog lamp assembly (without LED, Canada only)	Fog lamp	35	H8
	Daytime running lamps	21	W21W
Front fog lamp (with LED)		—	—
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	16	921
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Exterior Lamp (2021 model year)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	HB3
	Turn signal/parking lamp	28/8	7444NA
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (LED)	—	—
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	7444NA
	Side marker	—	—
Front fog lamp assembly (without LED, Canada only)	Fog lamp	35	H8
	Daytime running lamps	21	W21W
Front fog lamp (with LED)		—	—
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	—	—
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	W16W
	Turn signal/Tail lamp	21	WY21W
	Cargo (Tailgate)	16	921
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Exterior Lamp (Starting 2022 model year)

Item		Wattage (W)*	Bulb No.*
Front combination lamp (without LED)	Headlamp low (Halogen)	55	H11
	Headlamp high (Halogen)	60	Hb3
	Turn signal/parking lamp	28/8	T20
	Side marker	5	W5W
Front combination lamp (with LED)	Headlamp low (LED)	—	—
	Headlamp high (LED)	—	—
	Daytime running lamps/parking lamp	—	—
	Turn signal	28/8	WY28/8W
	Side marker	—	—
Front fog lamp (with LED)		—	—
Door mirror lamp		—	—
Puddle lamp		—	—
Rear combination lamp (without LED)	Stop/tail lamp	16	PW16W
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	921
	Turn signal/Tail lamp	27/7	3057K
	Cargo (Tailgate)	16	921
Rear combination lamp (with LED)	Stop lamp	—	—
	Back-up lamp	16	W16W
	Turn signal	21	WY21W
	Tail lamp	—	—
	Cargo (Tailgate)	—	—
High-mounted stop lamp/cargo lamp		—	—
Under rail bed lamp		—	—
License plate lamp		—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (2017-2019 Model Years)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	8	—
Footwell lamp	3.4	158
Vanity lamp	—	—
Glove box lamp	1.4	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (2020 model year)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	—	—
Footwell lamp	3.4	158
Vanity lamp	—	—
Glove box lamp	—	—

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (2021 model year)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	—	—
Footwell lamp	—	—
Vanity lamp	—	—
Glove box lamp	3.4	158

* Always check with an authorized NISSAN dealer for the latest parts information.

Interior Lamp/Illumination (Starting 2022 model year)

Item	Wattage (W)*	Bulb No.*
Map lamp	8	—
Personal lamps	—	—
Footwell lamp	—	—
Vanity lamp	1.5	—
Glove box lamp	3.4	158

* Always check with an authorized NISSAN dealer for the latest parts information.

BATTERY**2017-2019 Model Years**

Application→	Standard
Type*	H6 EFB
Capacity (20 HR) minimum V-AH	12 - 70
Cold Cranking Current A [For reference value at -18°C (0°F)]	720

* Always check with an authorized NISSAN dealer for the latest parts information.

Starting 2020 Model Year

Application→	Standard
Type*	L3 EFB
Capacity (20 HR) minimum V-AH	12 - 70
Cold Cranking Current A [For reference value at -18°C (0°F)]	720

* Always check with an authorized NISSAN dealer for the latest parts information.

INVERTER SPECIFICATIONS

Rated voltage output		AC 120-volt (±10%)
Operating voltage range		DC 11.5-volt to 15-volt (Inverter terminal)
Rated power output	Low power mode	150-watt
	High power mode	400-watt
Output over-current protection	High power mode	3.7A or more
Input over-current protection	Low power mode	13.3A or more
Output frequency		60Hz (±10%)
Parasitic current		Less than 1 mA
Max. input current		45A (during continuous power)
Rated continuous power		400-watt @ 40°C (104°F) Maximum
Overheat protection (Thermistor)		100°C (212°F)

ACRONYMS

ACRONYM LIST

Acronym	Description
2WD	Two Wheel Drive
4WD	Four Wheel Drive
ABS	Anti-lock Braking System
AC	Alternating Current
A/C	Air Conditioning
AKI	Anti-Knock Index
AM/FM	Amplitude Modulated/Frequency Modulated
ANSI	American National Standards Institute
API	American Petroleum Institute
ARC	Accessory Reserve Capacity
A/T	Automatic Transmission
AT	Auto Transporter
ATV	All-Terrain Vehicle
BCM	Body Control Module
BT	Bus Trailer
CAN	Controller Area Network
CAN-H	Controller Area Network – High
CAN-L	Controller Area Network – Low
CD	C-Dolly
CG	Center of Gravity
CMVSS	Canadian Motor Vehicle Safety Standards
DTCs	Diagnostic Trouble Codes
ECM	Engine Control Module
EGI	Electronic Gasoline Injection
EVAP	Evaporative Emission
FCC	Federal Communications Commission (USA)
FFV	Flexible Fuel Vehicle
FMVSS	Federal Motor Vehicle Safety Standards
FSS	Front Sonar System
GAW	Gross Axle Weight
GAWR	Gross Axle Weight Rating
GCWR	Gross Combination Weight Rating
GVW	Gross Vehicle Weight
GVWR	Gross Vehicle Weight Rating
H.S.	Harness Side
HSS	High Strength Steel
HVAC	Heating, Ventilation, and Air Conditioning

Acronym	Description
IC	Inflatable Curtain
IDs	Identifications
ILSAC	International Lubricant Standardization and Approval Committee
IPDM E/R	Intelligent Power Distribution Module Engine Room
LDD	Load Divider Dolly
MCRS	Modular Common Rail System
MH	Motor Home
MIL	Malfunction Indicator Light
MPV	Multi-purpose Passenger Vehicle
MSDS	Material Safety Data Sheet
NHTSA	National Highway Traffic Safety Administration
NNA	NISSAN North America
NOx	Mono-Nitrogen Oxides
OEM	Original Equipment Manufacturer
ORVR	On-Board Refueling Vapor Recovery
OSHA	Occupational Safety and Health Act
PSF	Power Steering Fluid
PTC	Positive Temperature Coefficient
RF	Radio Frequency
RFI	Radio Frequency Interference
RKE	Remote Keyless Entry
RPM	Revolutions Per Minute
RSS	Rear Sonar System
SAE	Society of Automotive Engineers
SB	School Bus
SgRP	Seating Reference Point
SRS	Supplemental Restraint System
SUB	Second Unit Body
TCD	Trailer Converter Dolly
TCM	Transmission Control Module
TPMS	Tire Pressure Monitoring System
TPS	Throttle Position Sensor
TRA	Trailer
TRU	Truck
TT	Truck Tractor
USB	Universal Serial Bus
UVW	Unloaded Vehicle Weight
VDC	Vehicle Dynamic Control
VIN	Vehicle Identification Number

CONVERSION CHARTS

METRIC-ENGLISH CONVERSION CHART

Conversion Unit Type	Indicated Unit	Conversion Coefficient		
Length	km (mile)	km	→ mile	: 0.6214
	m (ft)	m	→ ft	: 3.281
	mm (in)	mm	→ in	: 0.03937
Temperature Difference	°C (°F)	°C	→ °F	: 1.8°C + 32
Mass	kg (lb)	kg	→ lb	: 2.205
	g (oz)	g	→ oz	: 0.03527
Force	kN (ton, US ton, Imp ton)	ton	→ kN	: 9.807
			→ US ton	: 1.102
			→ Imp ton	: 0.9842
	N (kg, lb)	kg	→ N	: 9.807
			→ lb	: 2.205
	N (g, oz)	g	→ N	: 0.009807
			→ oz	: 0.03527
Pressure	kPa (bar, kg/cm ² , psi)	kg/cm ²	→ kPa	: 98.07
			→ bar	: 0.9807
			→ psi	: 14.22
	kPa (mbar, mmHg, inHg)	mmHg	→ kPa	: 0.1333
			→ mbar	: 1.333
			→ inHg	: 0.03937
	kPa (mbar, mmH ₂ O, inH ₂ O)	mmH ₂ O	→ kPa	: 0.009807
			→ mbar	: 0.09807
			→ inH ₂ O	: 0.03937
Inflation Pressure	kg/cm ² , (kPa, bar, psi)	kg/cm ²	→ kPa	: 98.07
			→ bar	: 0.9807
			→ psi	: 14.22
Speed	m/s (ft/s)	m/s	→ ft/s	: 3.281
	km/h (MPH)	km/h	→ MPH	: 0.6214
Cooling / Heating Capacity	kW (kcal/h, BTU/h)	kcal/h	→ kW	: 0.001163
		kW	→ BTU/h	: 3.968
			→ kcal/h	: 859.8
Unbalance	g·cm (oz·in)	g·cm	→ oz·in	: 0.01389

METRIC-ENGLISH CONVERSION CHART

[CONVERSION CHARTS]

Conversion Unit Type	Indicated Unit	Conversion Coefficient			
Torque	N·m (kg-m, ft-lb, in-lb)	kg-m	→ N·m	: 9.807	
			→ ft-lb	: 7.233	
			→ in-lb	: 86.80	
	N·m (kg-cm, in-lb)	kg-cm	→ N·m	: 0.09807	
			→ in-lb	: 0.8680	
Volume	<Fluid> ℓ (US gal, Imp gal)	ℓ	→ US gal	: 0.2642	
			→ Imp gal	: 0.2200	
	ℓ (US qt, Imp qt)		→ US qt	: 1.057	
			→ Imp qt	: 0.8801	
	ℓ (US pt, Imp pt)		→ US pt	: 2.114	
			→ Imp pt	: 1.760	
	<Fluid> ml (US fl oz, Imp fl oz)	ml	→ US fl oz	: 0.03381	
			→ Imp fl oz	: 0.03520	
	<Displacement> cm ³ /(cu in)	cm ³	→ cu in	: 0.06102	
Spring Constant	N/mm (kg/mm, lb/in)	kg/mm	→ N/mm	: 9.807	
			→ lb/in	: 56.00	

INCH-MILLIMETER EQUIVALENTS CHART

[CONVERSION CHARTS]

INCH-MILLIMETER EQUIVALENTS CHART

Fraction inches	Decimal inches	Metric mm
1/64	0.015625	0.39688
1/32	0.03125	0.79375
3/64	0.046875	1.19062
1/16	0.0625	1.58750
5/64	0.078125	1.98437
3/32	0.09375	2.38125
7/64	0.109375	2.77812
1/8	0.125	3.1750
9/64	0.140625	3.57187
5/32	0.15625	3.96875
11/64	0.171875	4.36562
3/16	0.1875	4.76250
13/64	0.203125	5.15937
7/32	0.21875	5.55625
15/64	0.234375	5.95312
1/4	0.250	6.35000
17/64	0.265625	6.74687
9/32	0.28125	7.14375
19/64	0.296875	7.54062
5/16	0.3125	7.93750
21/64	0.328125	8.33437
11/32	0.34375	8.73125
23/64	0.359375	9.12812
3/8	0.375	9.52500
25/64	0.390625	9.92187
13/32	0.40625	10.31875
27/64	0.421875	10.71562
7/16	0.4375	11.11250
29/64	0.453125	11.50937
15/32	0.46875	11.90625
31/64	0.484375	12.30312
1/2	0.500	12.70000

Fraction inches	Decimal inches	Metric mm
33/64	0.51625	13.09687
17/32	0.53125	13.49375
35/64	0.546875	13.89062
9/16	0.5625	14.28750
37/64	0.578125	14.68437
19/32	0.59375	15.08125
39/64	0.609375	15.47812
5/8	0.625	15.87500
41/64	0.640625	16.27187
21/32	0.65625	16.66875
43/64	0.671875	17.06562
11/16	0.6875	17.46250
45/64	0.703125	17.85937
23/32	0.71875	18.25625
47/64	0.734375	18.65312
3/4	0.750	19.05000
49/64	0.765625	19.44687
25/32	0.78125	19.84375
51/64	0.796875	20.24062
13/16	0.8125	20.63750
53/64	0.828125	21.03437
27/32	0.84375	21.43125
55/64	0.859375	21.82812
7/8	0.875	22.22500
57/64	0.890625	22.62187
29/32	0.90625	23.01875
59/64	0.921875	23.41562
15/16	0.9375	23.81250
61/64	0.953125	24.20937
31/32	0.96875	24.60625
63/64	0.984375	25.00312
1	1.00	25.40000

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