# INSTALLATION INSTRUCTIONS

## DESCRIPTION:
Rear Bumper Step Assist

## APPLICATION:
Nissan Titan

## PART NUMBER:
999T7 W4820

### KIT CONTENTS:

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Part Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>Linkage Assembly</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>Assembly Mount</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>Bumper Bracket</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>Step Pad</td>
</tr>
<tr>
<td>E</td>
<td>1</td>
<td>Spacer Plate</td>
</tr>
<tr>
<td>F</td>
<td>2</td>
<td>Bolt Hex 10mm x 65mm 81-B7245-2A</td>
</tr>
<tr>
<td>G</td>
<td>2</td>
<td>Washer 10mm</td>
</tr>
<tr>
<td>H</td>
<td>2</td>
<td>Bolt Hex Flange 12mm x 45mm</td>
</tr>
<tr>
<td>I</td>
<td>3</td>
<td>Delta PT Screw M5 x 20mm</td>
</tr>
<tr>
<td>J</td>
<td>1</td>
<td>M6 Flange Bolt</td>
</tr>
<tr>
<td>K</td>
<td>1</td>
<td>M6 Flange Nut</td>
</tr>
<tr>
<td>L</td>
<td>1</td>
<td>Installation Instructions Replacement Template</td>
</tr>
</tbody>
</table>

### TOOLS REQUIRED:
- Socket Wrench
- 9" Extension
- 18mm Socket (Short Socket)
- 3/16" Hex Bit Socket
- Torque Wrench

### PRE-INSTALLATION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTES:
- Dealer Installation Recommended. Instructions may refer to Service Manual.

---

**WARNING**

- Be careful of sharp edges under vehicle.
- Bolts must be tightened to specified torque values.
1) Raise and secure vehicle on lift.

2) Secure linkage assembly in vice at points indicated by arrows in Fig. 1.

**NOTE:**
Protect (cover) part with cloth when place in vice to avoid paint damage.

3) Orient all parts as shown in Figure 1 and torque (2) hex bolts (F) to 33 ft-lbs (44 Nm).

**NOTE:**
Keep step pad linkage assembly in closed or stowed position.

**NOTE:**
Ensure bracket is installed in orientation shown in Figure 2.

4) Remove (2) hitch mounting bolts as shown in Fig. 3.
5) Install two (2) replacement bolts and spacer into assembly mount through hitch member as shown in Fig. 4. Hand tighten bolts.

**NOTE:**
Spacer goes in between hitch mount and bracket as seen in Figure 1.

6) Locate outermost harness retainer clip as shown in illustration. Unfasten clip from bumper by pinching both sides of clip.

7) Using one M6 bolt (J) and one M6 nut (K), attach bumper bracket to bumper using previous clip location. See Fig. 6.

8) Tighten (2) hitch mounting bolts (installed in Step 5, Fig 3) to 101 ft-lbs (137 Nm).

9) Tighten bumper bracket nut to 53 ft-lbs (72 Nm).

10) Attach previously removed harness retainer clip to hole in bumper bracket. See Fig. 7.
11) Mount step pad to linkage assembly as shown in Fig. 4.
   a) Push linkage assembly into lowered position.
   b) Insert PT screws into step pad.
   c) Locate step pad into lower mount of linkage assembly.

12) Install pt screw into step pad and tighten to 6 ft-lbs (8 Nm) as shown in Fig. 8.

13) Lower vehicle from lift.