Accelerator Pedal Bracket Damaged

Service Category  Vehicle Exterior
Section  Body Structure
Market  USA

Applicability

<table>
<thead>
<tr>
<th>YEAR(S)</th>
<th>MODEL(S)</th>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005 – 2010</td>
<td>Avalon</td>
<td></td>
</tr>
<tr>
<td>2007 – 2011</td>
<td>Camry, Camry HV</td>
<td></td>
</tr>
</tbody>
</table>

Introduction

When removing or installing the accelerator pedal on 2005 – 2010 Avalon or 2007 – 2011 Camry and Camry HV vehicles, the accelerator pedal mounting bracket may become damaged. Use the following procedure if this should occur.

Parts Information

<table>
<thead>
<tr>
<th>PREVIOUS PART NUMBER</th>
<th>CURRENT PART NUMBER</th>
<th>PART NAME</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>–</td>
<td>90080-17185</td>
<td>Serrated Flange Nut</td>
<td>2</td>
</tr>
<tr>
<td>91651-60625</td>
<td>91652-60630</td>
<td>Bolt, W/ Washer</td>
<td>2</td>
</tr>
</tbody>
</table>

Warranty Information

<table>
<thead>
<tr>
<th>OP CODE</th>
<th>DESCRIPTION</th>
<th>TIME</th>
<th>OFP</th>
<th>T1</th>
<th>T2</th>
</tr>
</thead>
<tbody>
<tr>
<td>BD1096</td>
<td>Repair Accelerator Pedal Mounting Bracket</td>
<td>0.7</td>
<td>55101-063#0</td>
<td>99</td>
<td>81</td>
</tr>
</tbody>
</table>

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle’s in-service date.

- Warranty application is limited to occurrence of the specified condition described in this bulletin.
## Required Tools & Equipment

<table>
<thead>
<tr>
<th>SPECIAL SERVICE TOOLS (SST’S)</th>
<th>PART NUMBER</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic Pry Tool Set*</td>
<td>00002-06000-01</td>
<td>1</td>
</tr>
</tbody>
</table>

* Essential SST.

### NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

<table>
<thead>
<tr>
<th>TOOLS &amp; MATERIAL</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 degree Needle Nose Pliers</td>
<td>1</td>
</tr>
<tr>
<td>Gorilla Tape™</td>
<td>1 roll</td>
</tr>
<tr>
<td>Red Loctite® (or equivalent)</td>
<td>1</td>
</tr>
</tbody>
</table>
Accelerator Pedal Bracket Damaged

Overview

Utilize the repair process flowchart below to identify the proper steps required to repair the condition.

Avalon Disassembly: pp. 2-7
Camry and Camry HV Disassembly: pp. 7-18
Repair (all models): pp. 18-23
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon

1. Remove LH Front Seat.

Refer to TIS, applicable model and model year Repair Manual:


2. Disengage the 4 clips and 7 claws and remove the front door scuff plate LH.

Figure 1.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Claw</td>
</tr>
<tr>
<td>2</td>
<td>Clamp</td>
</tr>
</tbody>
</table>
Accelerator Pedal Bracket Damaged

Disassembly Avalon (Continued)

3. Remove the clip A and disengage the 2 clips B and remove the cowl side trim sub-assembly LH.

4. Turn the shift lever knob counterclockwise and remove the shift lever knob sub-assembly.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Clip B</td>
</tr>
<tr>
<td>2</td>
<td>Clip A</td>
</tr>
</tbody>
</table>
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

5. Disengage the 4 claws and remove the position indicator housing assembly.

6. Remove the console box hole cover by disengaging the 4 claws (without seat heater).
Repair Procedure

Disassembly Avalon (Continued)

7. Remove the seat heater switch (if equipped).
   A. Disengage the 4 claws.
   B. Disconnect the electrical connector.

8. Remove the console upper panel sub-assembly.
   A. Disengage the 6 claws and remove the console upper box (with box).

Figure 6.

Figure 7.
Disassembly Avalon (Continued)

B. Disengage the 10 clips.

Figure 8.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Clip</td>
</tr>
<tr>
<td>2</td>
<td>w/ Ash Receptacle</td>
</tr>
<tr>
<td>3</td>
<td>w/ Box</td>
</tr>
<tr>
<td>4</td>
<td>w/ Tape Player</td>
</tr>
<tr>
<td>5</td>
<td>w/ Navigation</td>
</tr>
</tbody>
</table>

C. Disconnect the connectors and remove the console upper panel sub-assembly.
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

9. Remove the tape player assembly (if equipped).
   A. Remove the 4 screws.
   B. Pull the tape player assembly toward you and disengage tape player guide.
   C. Disconnect all connectors and remove the tape player assembly.

10. Remove the console box carpet.

Figure 9.

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Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

11. Remove the console box assembly.
   A. Disconnect the connector.
   B. Remove the 2 bolts and 2 screws then the console box assembly.

12. Remove the console front box.
   A. Remove the 2 nuts and screw.
   B. Disengage the 2 claws and remove the console front box.

13. Remove the 3 floor carpet hooks, release the 2 clamps, release the hook and loop fastener and remove the LH front carpet assembly.
Repair Procedure

Disassembly Avalon (Continued)

14. Remove accelerator pedal.
   A. Disconnect the accelerator pedal connector.
   B. Remove the 2 bolts and the accelerator pedal assembly.

Disassembly Camry

1. Remove LH Front Seat.

Refer to TIS, applicable model and model year Repair Manual:

Manual Type:


Power Type:


Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

2. Disengage the 7 claws and 3 clips, and remove the front door scuff plate LH.

3. Remove cowl side trim sub-assembly LH.
   A. Remove the cowl side trim clip.
   B. Disengage the 2 clips and remove the cowl side trim sub-assembly LH.
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

4. Remove the lower instrument panel finish panel LH (for TMMK Made).
   A. Remove the bolt and the screw.
   B. Disconnect the hood lock control cable assembly.
   C. Disengage the claw and the 9 clips.
   D. Remove the air hose, disconnect the connector, and then remove the lower instrument panel finish panel LH.

5. Turn the shift lever knob counterclockwise and remove the shift lever knob sub-assembly (for Automatic Transaxle).
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

6. Turn the shift lever knob counterclockwise and remove the shift lever knob sub-assembly (for Manual Transaxle).

7. Disengage the 2 clips and remove the No. 1 instrument cluster finish panel garnish.

8. Disengage the 2 clips and remove the No. 2 instrument cluster finish panel garnish.
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

9. Remove the floor shift position indicator housing sub-assembly (for Automatic Transaxle)

A. Disengage the 6 claws and the 3 clips, and then remove the floor shift position indicator housing sub-assembly.

B. Disconnect each connector (with Seat Heater System).

Figure 19.

<table>
<thead>
<tr>
<th>1</th>
<th>Clip</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Claw</td>
</tr>
</tbody>
</table>
Repair Procedure

Disassembly Camry (Continued)

10. Remove the upper console panel (for Manual Transaxle).

A. Open the lid of the upper console panel.

B. Apply protective tape to the area shown in the illustration.

C. Using a molding remover, disengage the 2 claws and the 5 clips, and then remove the upper console panel as shown in the illustration.

Figure 20.

Figure 21.

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Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

11. Remove the upper console rear panel sub-assembly (for Automatic Transaxle).

A. Disengage the 3 claws and the 5 clips.

B. Disconnect the connector and remove the upper console rear panel sub-assembly.

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Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

12. Remove the upper console rear panel sub-assembly (for Manual Transaxle).

A. Disengage the 3 claws and the 5 clips.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Claw</td>
</tr>
<tr>
<td>2</td>
<td>Clip</td>
</tr>
</tbody>
</table>

B. Disconnect the connector and remove the upper console rear panel sub-assembly.
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

13. Remove the upper console panel sub-assembly.
   A. Remove the 2 screws.
   B. Disengage the 4 claws.
   C. Disconnect each connector and remove the upper console panel sub-assembly.

14. Remove the console box pocket.
15. Remove the console box carpet.

Figure 24.

1 Claw
2 Screw

Figure 25.
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

16. Remove the console box assembly.

   A. Remove the 2 screws.

   B. Disengage the clamp.

   C. Remove the 2 bolts or and the console box assembly.
17. Remove the No. 2 console box insert front.
   A. Remove the 3 screws
   B. Disengage the clip and remove the No. 2 console box insert front.

18. Remove stereo component tuner (if equipped)
   A. Remove the 2 clips and audio rack cover.

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Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

B. Disconnect each connector.

C. Disconnect the clamp.

D. Remove the bolt and stereo component tuner with bracket as shown in the illustration.
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

19. Remove the 3 floor carpet hooks, release the 3 clamps, release the 2 hook and loop fasteners and remove the LH front carpet assembly.

20. Remove accelerator pedal.
   A. Disconnect the accelerator pedal connector.
   B. Remove the 2 bolts and the accelerator pedal assembly.

Accelerator Bracket Repair

1. Reposition cowl insulator pad.
   A. Cut cowl insulator pad as shown.
Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

B. Fold cowl insulator pad to expose Accelerator Pedal Mounting Bracket as shown.

2. Inspect accelerator pedal bracket weld nuts for damage, e.g., stripped or pulled threads.

3. Repair damaged accelerator pedal bracket weld nuts.

**NOTE**

Only perform repair procedure on damaged weld nut(s).
Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

A. Use a 6 mm drill bit to drill out the threads of damaged weld nut(s).

**NOTE**
If mounting bolt is broken or jammed within weld nut, it must be removed prior to repair.

4. Install accelerator pedal assembly.

A. Loosely install a NEW upper accelerator pedal mounting bolt. Do NOT torque bolt.

**NOTE**
If upper weld nut of the accelerator pedal mounting bracket was repaired in Step 3, skip step 4a and proceed to step 4b.
Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

B. Using 45 degree needle nose pliers insert NEW serrated flange nut behind upper weld nut.

**NOTE**
If upper weld nut of accelerator pedal mounting bracket was NOT repaired in step 3, skip steps 4b - 4d and proceed to step 4e.

C. Apply Red Loctite® (or equivalent) to threads of NEW accelerator pedal mounting bolt.

D. Install NEW upper accelerator pedal mounting bolt through accelerator pedal base and accelerator pedal bracket into NEW serrated flange nut. Do NOT torque bolt.
Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

E. Install NEW lower accelerator pedal mounting bolt.
   Torque: 5.4 N\(\text{m}\) (55 kgf\(\text{cm}\), 48 in\(\text{lbf}\))

   **NOTE**
   If lower weld nut of accelerator pedal mounting bracket was repaired in Step 3, skip step 4e and proceed to step 4f.

F. Using 45 degree needle nosed pliers insert NEW serrated flange nut behind lower weld nut.

   **NOTE**
   If lower weld nut of accelerator pedal mounting bracket was NOT repaired in step 3, skip steps 4f - 4h and proceed to step 4i.

G. Apply Red Loctite\textsuperscript{®} (or equivalent) to threads of NEW accelerator pedal mounting bolt.

H. Install NEW lower accelerator pedal mounting bolt through accelerator pedal base and accelerator pedal bracket into NEW serrated flange nut.
   Torque: 5.4 N\(\text{m}\) (55 kgf\(\text{cm}\), 48 in\(\text{lbf}\))

I. Torque upper accelerator pedal mounting bolt.
   Torque: 5.4 N\(\text{m}\) (55 kgf\(\text{cm}\), 48 in\(\text{lbf}\))
Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

5. Position cowl insulator pad to original position and repair cut seems using Gorilla™ tape.

Figure 40.

6. Reinstall accelerator pedal assembly electrical connector.

7. Reassemble vehicle in reverse order of disassembly (Avalon steps 1-12, Camry steps 1-19).