

Accelerator Pedal Bracket Damaged

Service Category Vehicle Exterior

Section Body Structure

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2005 – 2010	Avalon	
2007 – 2011	Camry, Camry HV	

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

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
–	90080-17185	Serrated Flange Nut	2
91651-60625	91652-60630	Bolt, W/ Washer	2

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
BD1096	Repair Accelerator Pedal Mounting Bracket	0.7	55101-063#0	99	81

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.

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Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Plastic Pry Tool Set*	00002-06000-01	1

* Essential SST.

NOTE

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

TOOLS & MATERIAL	QTY
45 degree Needle Nose Pliers	1
Gorilla Tape™	1 roll
Red Loctite® (or equivalent)	1

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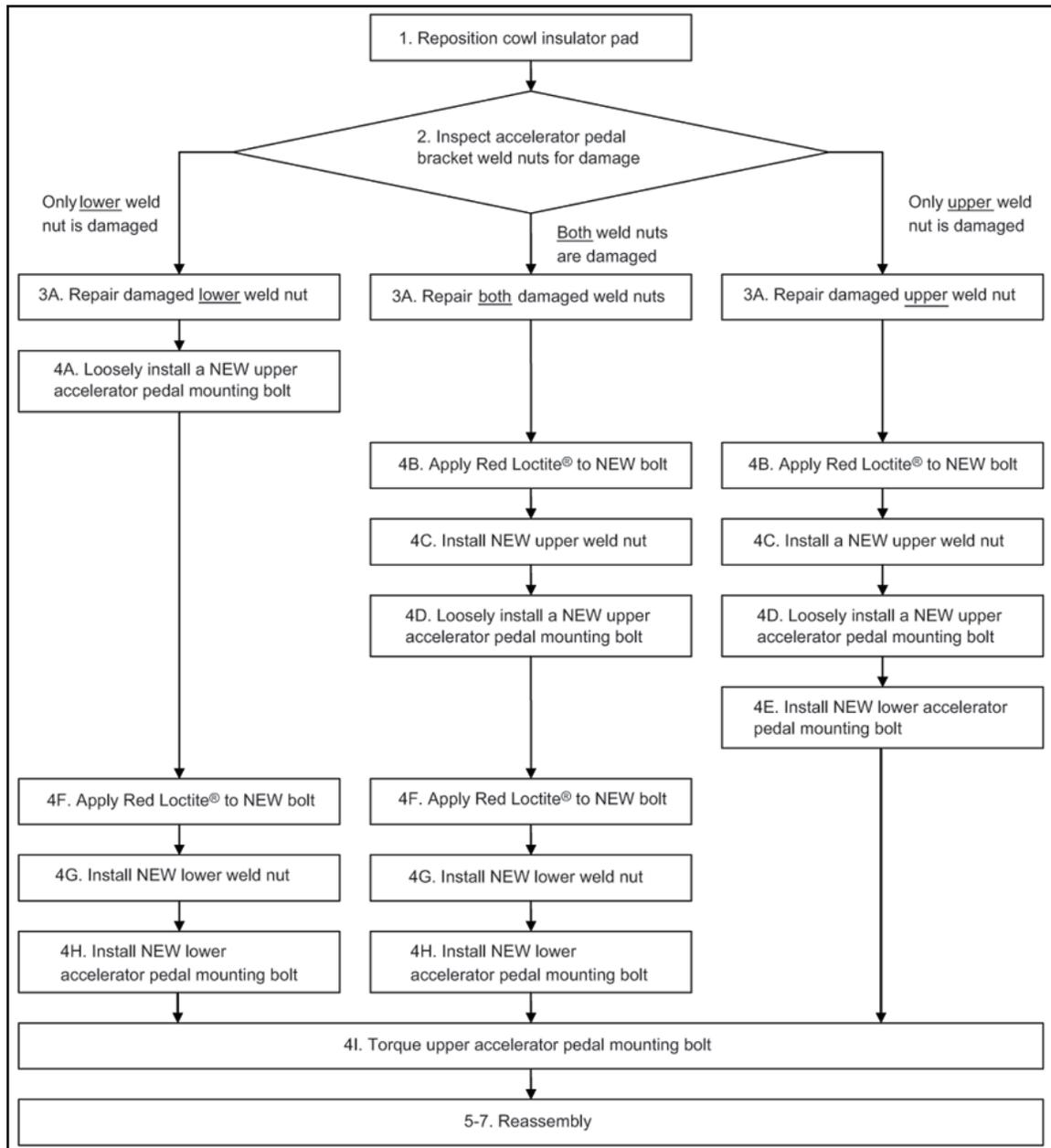
Overview

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

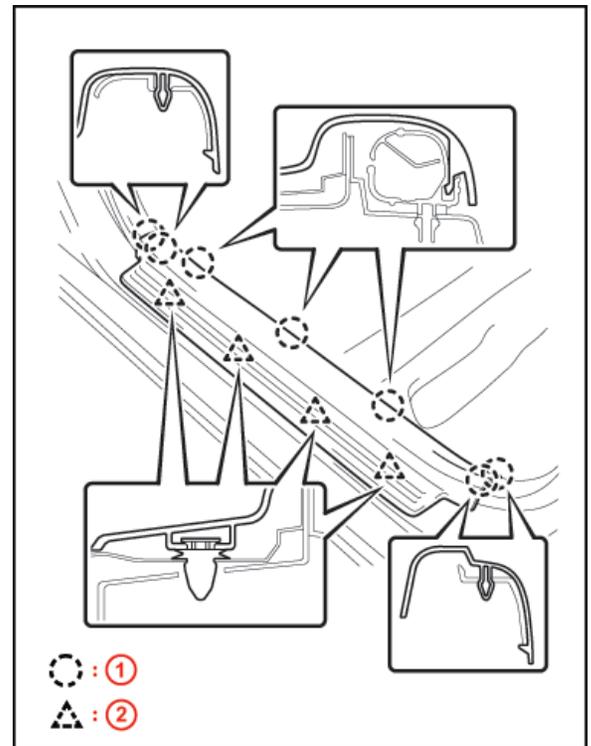
1. Remove LH Front Seat.

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

[2005](#) / [2006](#) / [2007](#) / [2008](#) / [2009](#) / [2010](#) Avalon:
Vehicle Interior – Seat – “Front Seat Assembly (for Power Seat): Removal”

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

Figure 1.



1	Claw
2	Clamp

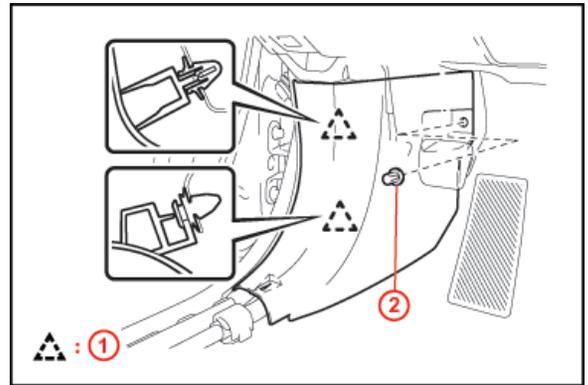
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

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

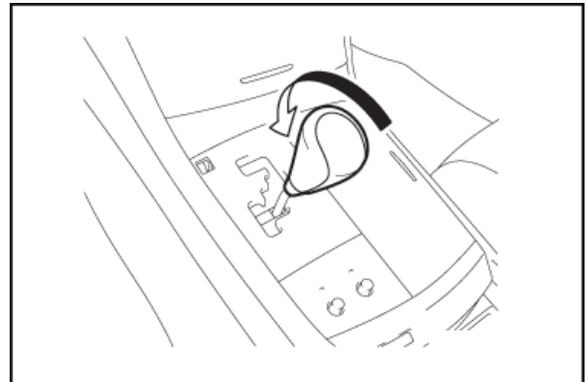
Figure 2.



1	Clip B
2	Clip A

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

Figure 3.



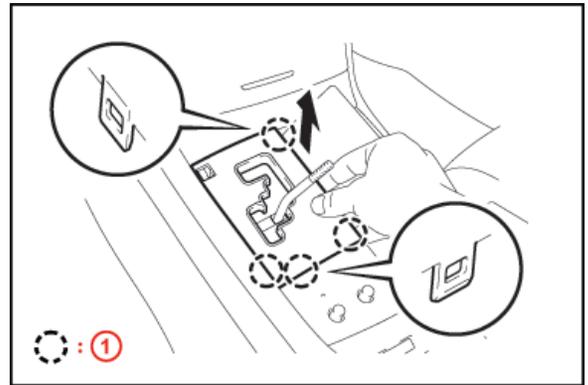
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

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

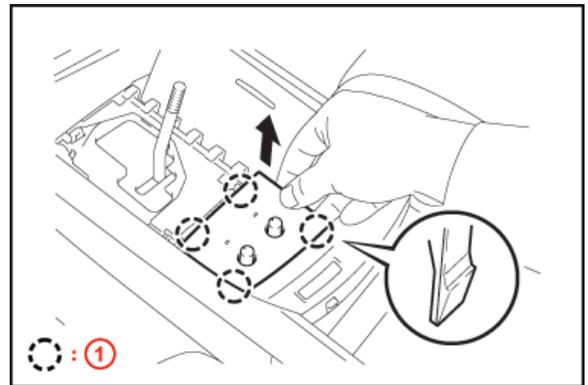
Figure 4.



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

Figure 5.



1	Claw
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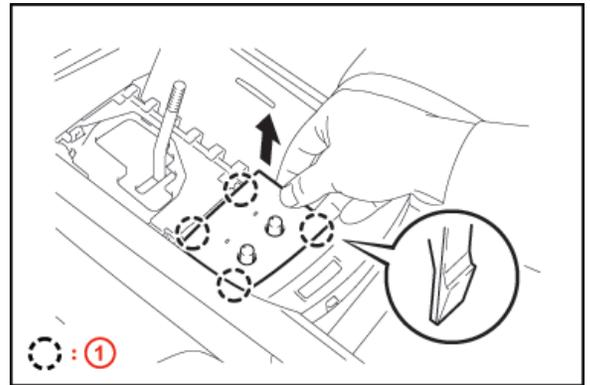
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

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

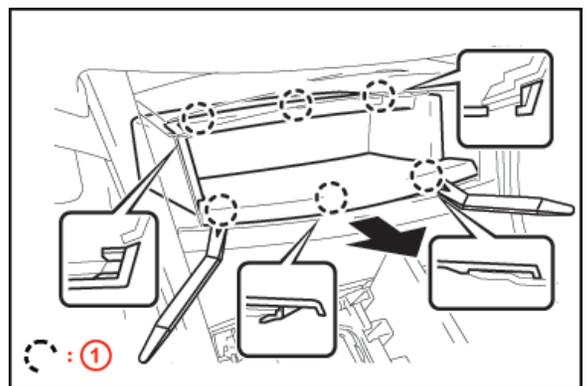
Figure 6.



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

Figure 7.



1	Claw
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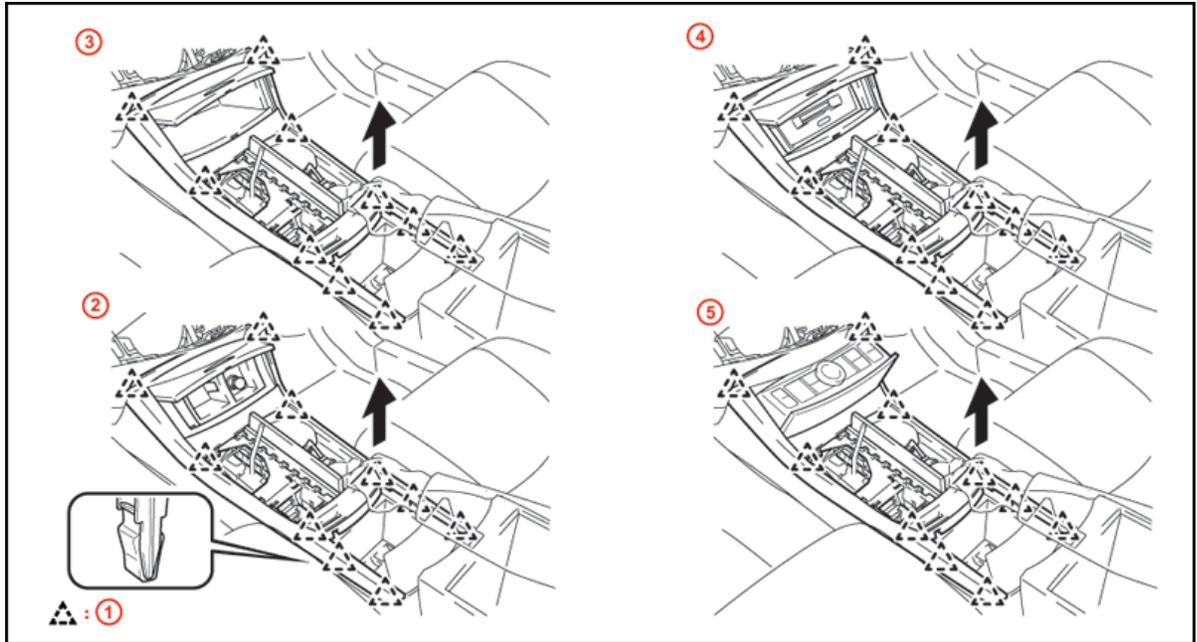
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Avalon (Continued)

B. Disengage the 10 clips.

Figure 8.



1	Clip
2	w/ Ash Receptacle
3	w/ Box
4	w/ Tape Player
5	w/ Navigation

C. Disconnect the connectors and remove the console upper panel sub-assembly.

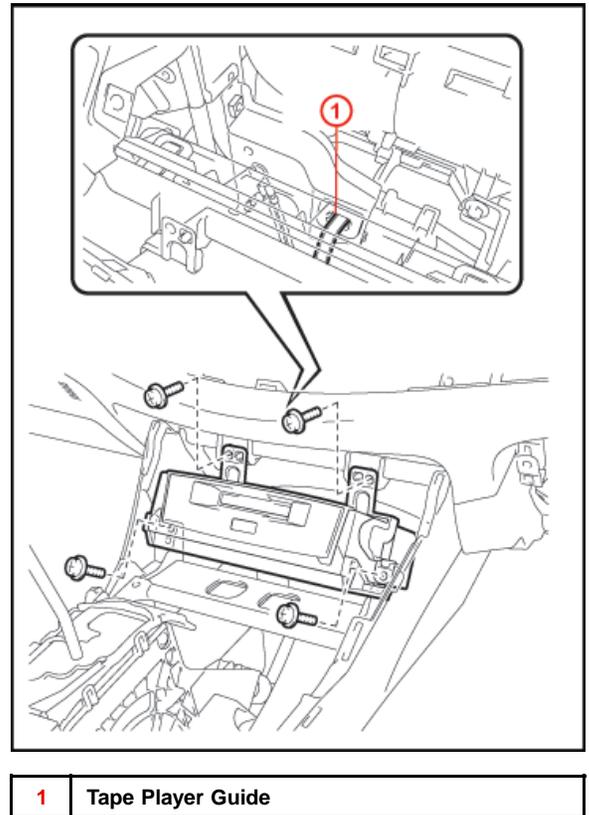
Accelerator Pedal Bracket Damaged

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.

Figure 9.



10. Remove the console box carpet.

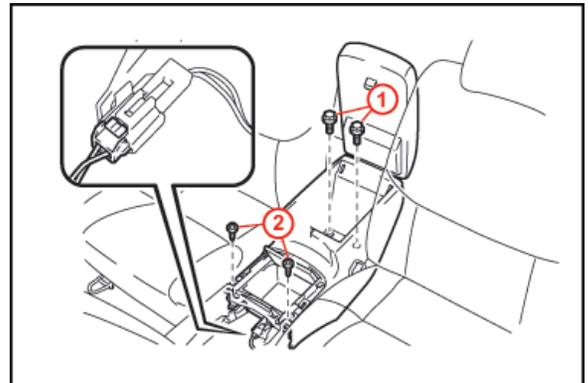
Accelerator Pedal Bracket Damaged

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.

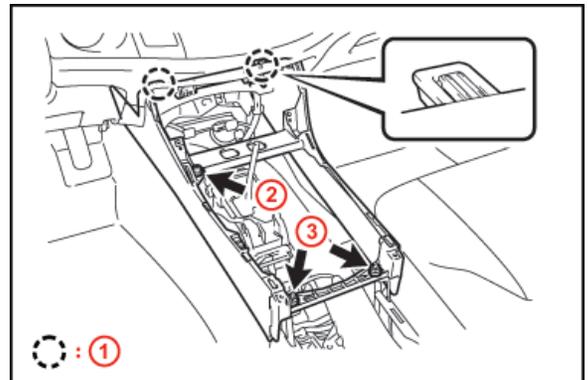
Figure 10.



1	Bolt
2	Screw

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

Figure 11.



1	Nut
2	Screw
3	Claw

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

Accelerator Pedal Bracket Damaged

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.

Figure 12.



Disassembly Camry

1. Remove LH Front Seat.

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

Manual Type:

- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry:
Vehicle Interior – Seat – “Front Seat Assembly (for Manual Seat): Removal”

Power Type:

- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry:
Vehicle Interior – Seat – “Front Seat Assembly (for Power Seat): Removal”
- [2007 \(from 10/2006\)](#) / [2007 \(to 10/2006\)](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Camry HV:
Vehicle Interior – Seat – “Front Seat Assembly (for Power Seat): Removal”

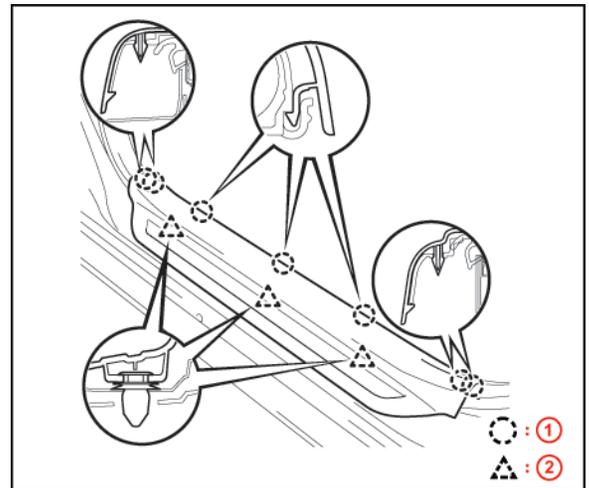
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

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

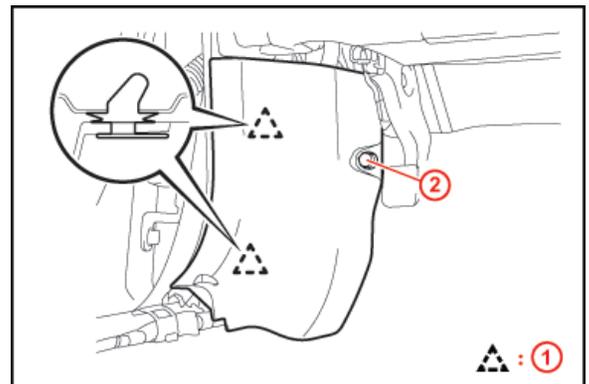
Figure 13.



1	Claw
2	Clip

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.

Figure 14.



1	Clip
2	Cowl Side Trim Clip

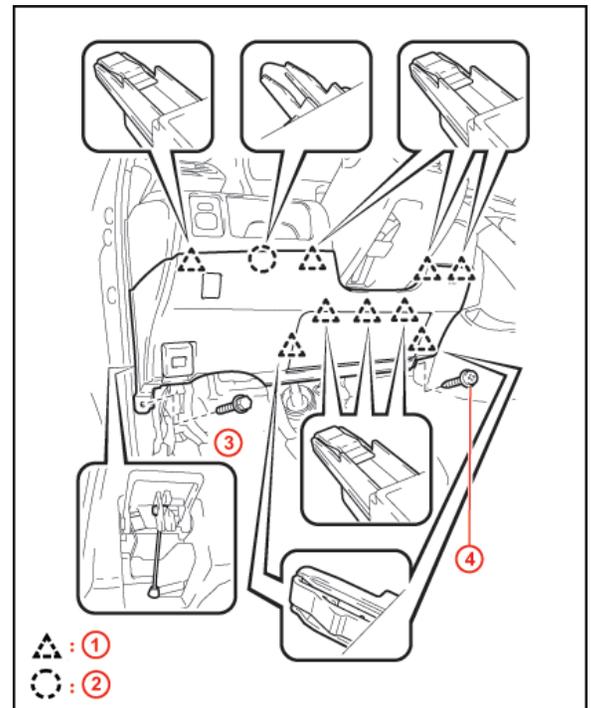
Accelerator Pedal Bracket Damaged

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.

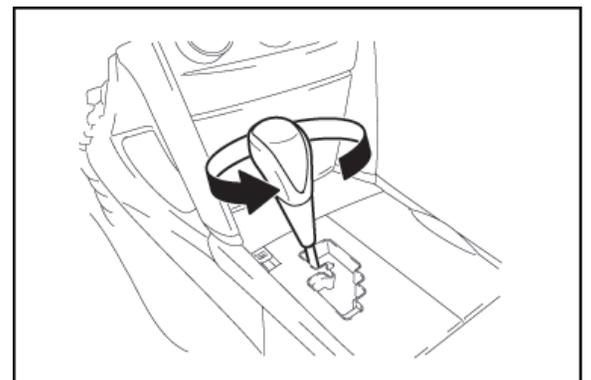
Figure 15.



1	Clip
2	Claw
3	Bolt
4	Screw

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

Figure 16.



Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

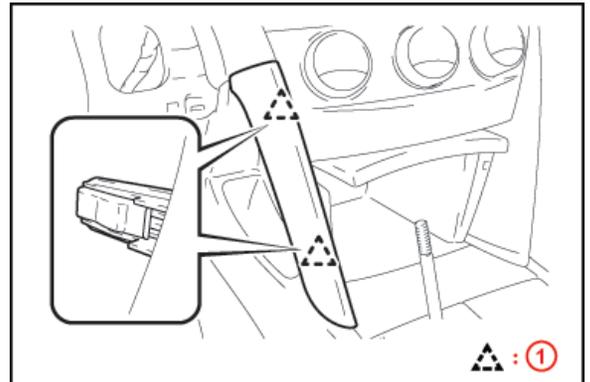
6. Turn the shift lever knob counterclockwise and remove the shift lever knob sub-assembly (for Manual Transaxle).

Figure 17.



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

Figure 18.



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

Accelerator Pedal Bracket Damaged

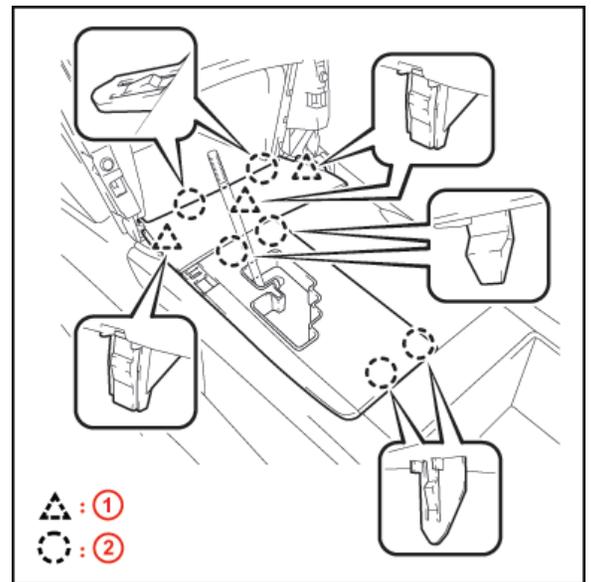
Repair Procedure

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.

Figure 19.



1	Clip
2	Claw

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

Accelerator Pedal Bracket Damaged

Repair Procedure

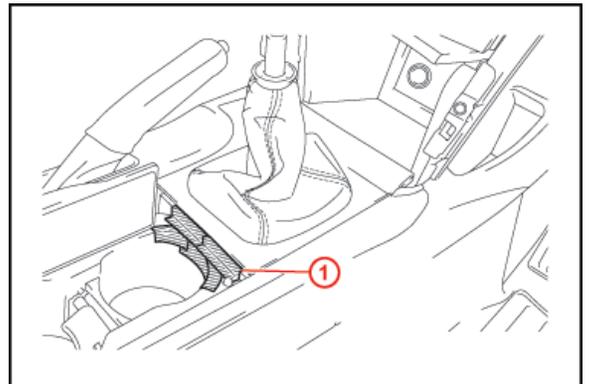
Disassembly Camry (Continued)

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.

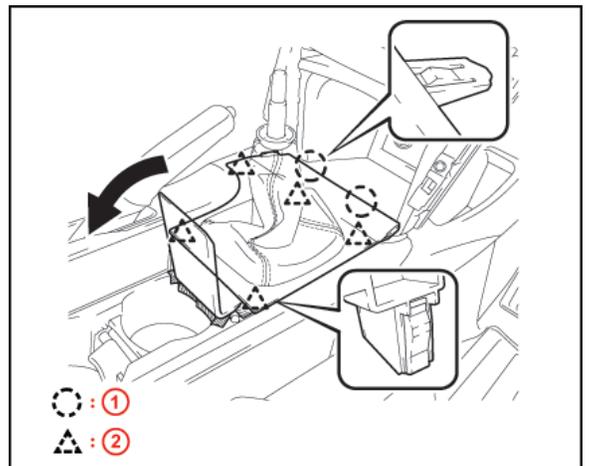
Figure 20.



1	Protective Tape
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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 21.



1	Claw
2	Clip

Accelerator Pedal Bracket Damaged

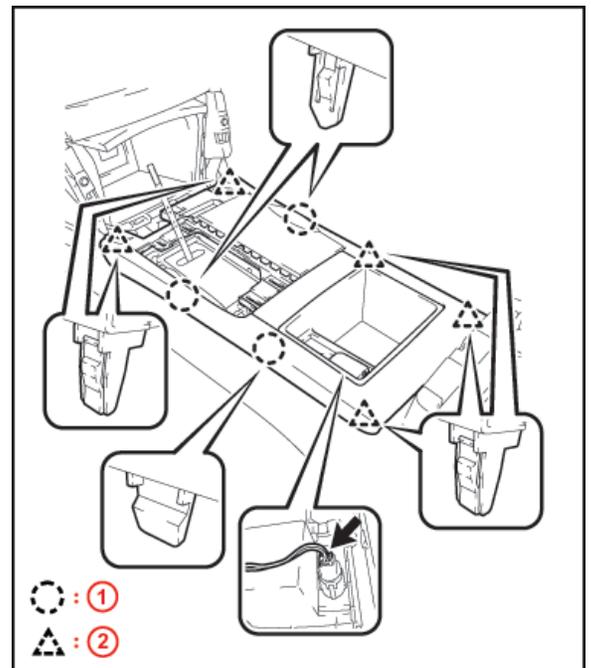
Repair Procedure

Disassembly Camry (Continued)

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

A. Disengage the 3 claws and the 5 clips.

Figure 22.



1	Claw
2	Clip

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

Accelerator Pedal Bracket Damaged

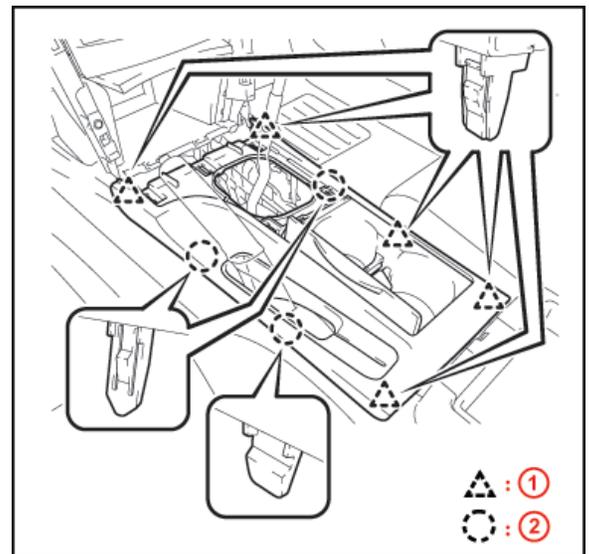
Repair Procedure

Disassembly Camry (Continued)

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

A. Disengage the 3 claws and the 5 clips.

Figure 23.



1	Claw
2	Clip

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

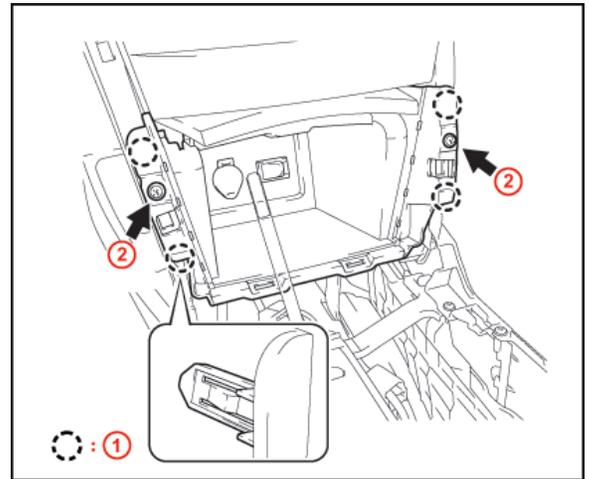
Accelerator Pedal Bracket Damaged

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.

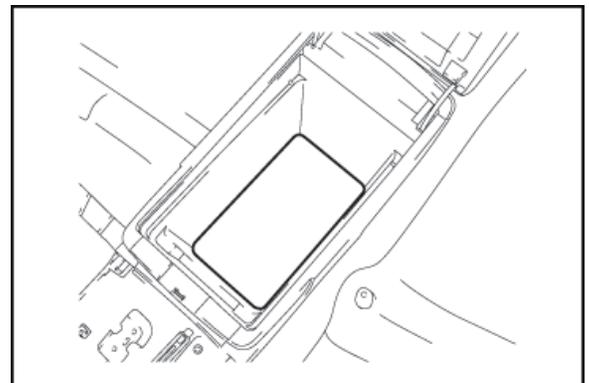
Figure 24.



1	Claw
2	Screw

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

Figure 25.



Accelerator Pedal Bracket Damaged

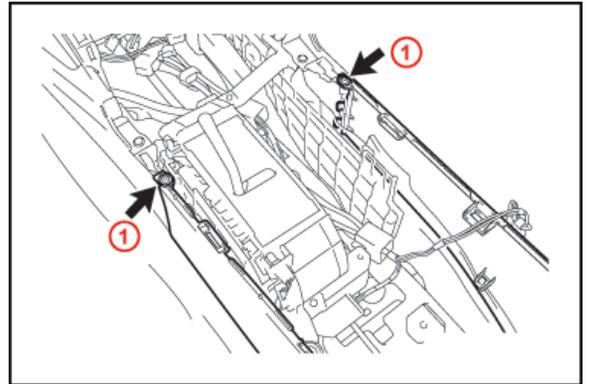
Repair Procedure

Disassembly Camry (Continued)

16. Remove the console box assembly.

A. Remove the 2 screws.

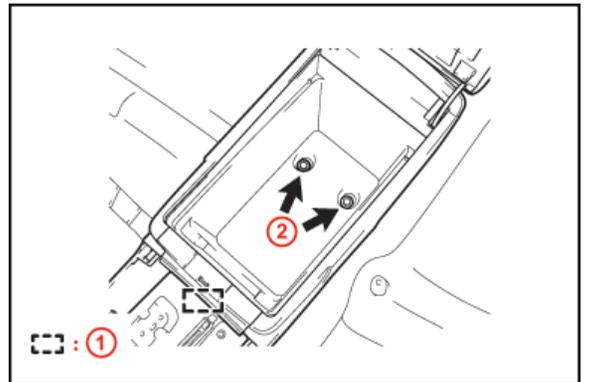
Figure 26.



1	Screw
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B. Disengage the clamp.

Figure 27.



1	Clamp
2	Bolt

C. Remove the 2 bolts or and the console box assembly.

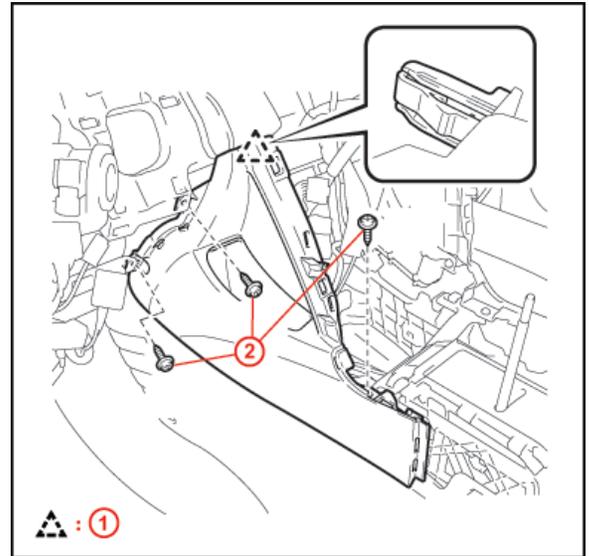
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

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.

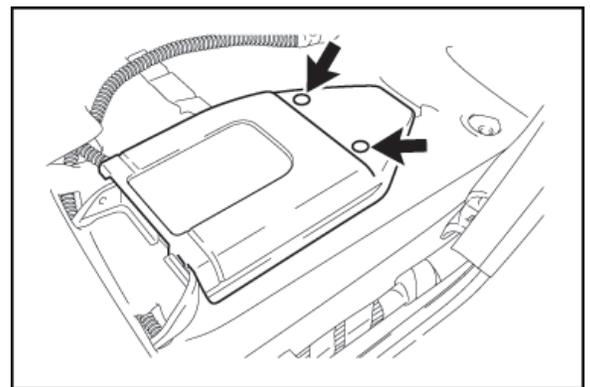
Figure 28.



1	Clip
2	Screw

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

Figure 29.



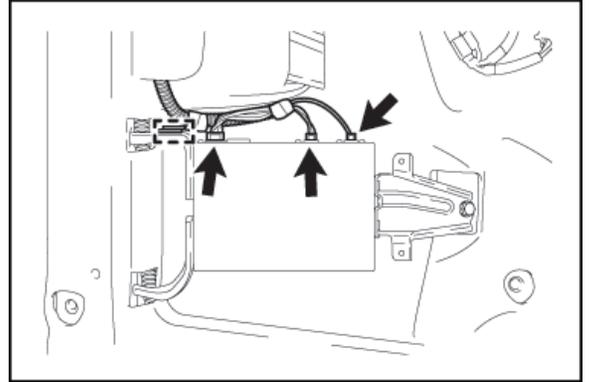
Accelerator Pedal Bracket Damaged

Repair Procedure

Disassembly Camry (Continued)

B. Disconnect each connector.

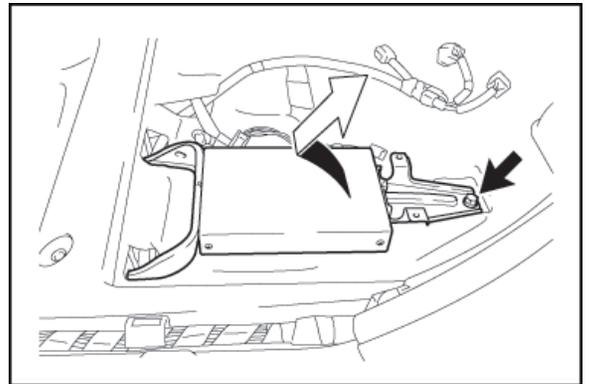
Figure 30.



C. Disconnect the clamp.

D. Remove the bolt and stereo component tuner with bracket as shown in the illustration.

Figure 31.



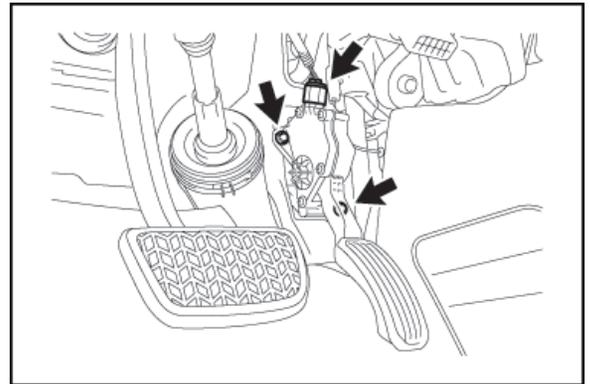
Accelerator Pedal Bracket Damaged

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.

Figure 32.



Accelerator Bracket Repair

1. Reposition cowl insulator pad.
 - A. Cut cowl insulator pad as shown.

Figure 33.



Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

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

Figure 34.



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.

Figure 35.



- 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.

Figure 36.



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.

Figure 37.



- 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.

Figure 38.



Accelerator Pedal Bracket Damaged

Repair Procedure

Accelerator Bracket Repair (Continued)

- E. Install NEW lower accelerator pedal mounting bolt.

Torque: 5.4 N*m (55 kgf*cm, 48 in*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.

Figure 39.



- G. Apply Red Loctite® (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*m (55 kgf*cm, 48 in*lbf)
- I. Torque upper accelerator pedal mounting bolt.
Torque: 5.4 N*m (55 kgf*cm, 48 in*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).