

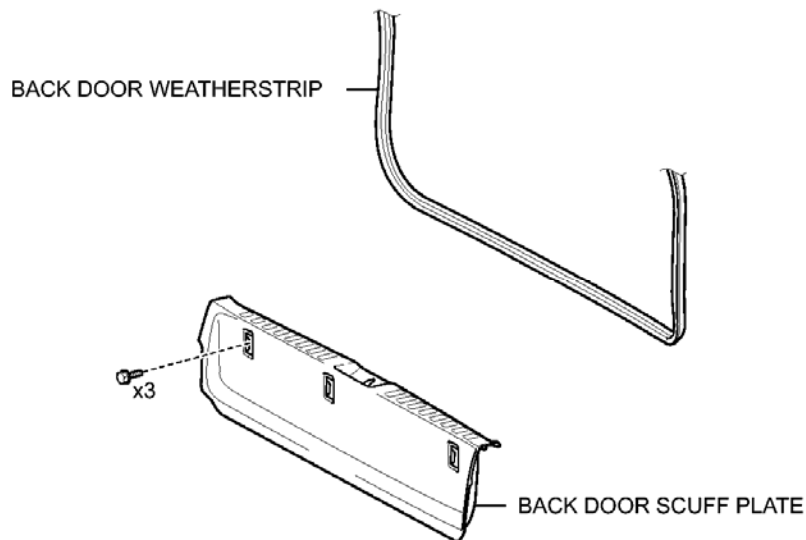
ELECTRICAL

Power Outlets & Inverter (Interior) (Service Information) - Sienna

VOLTAGE INVERTER

COMPONENTS

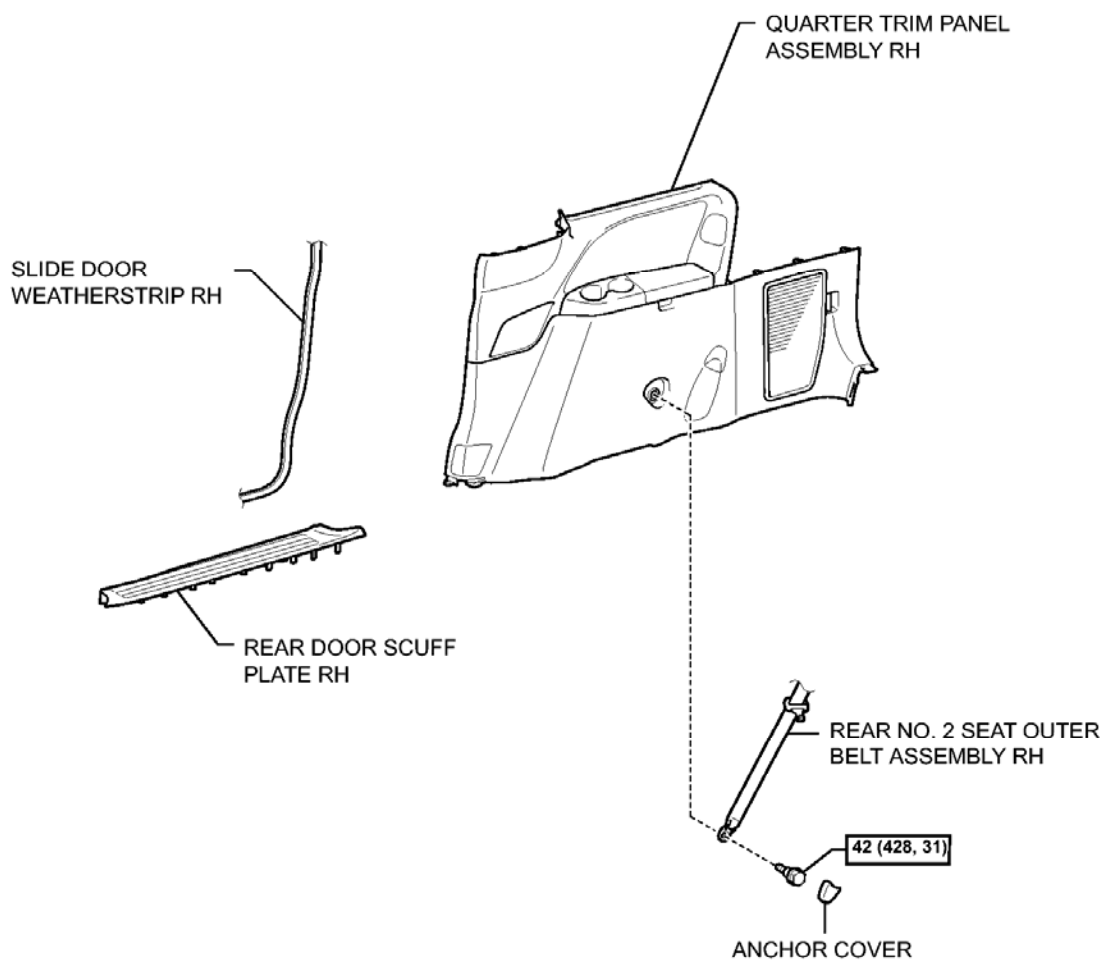
ILLUSTRATION



P

Fig. 1: Voltage Inverter Replacement Components (1 of 3)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

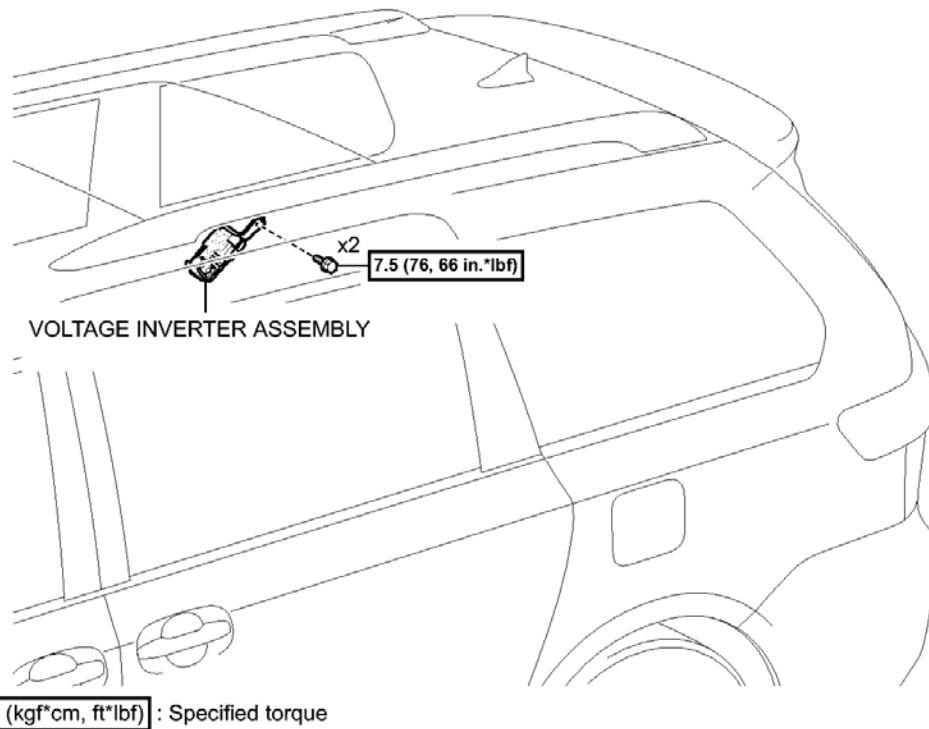
ILLUSTRATION



$\boxed{\text{N}\cdot\text{m (kgf}\cdot\text{cm, ft}\cdot\text{lbf)}}$: Specified torque

Fig. 2: Voltage Inverter Replacement Components With Torque Specifications (2 of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

ILLUSTRATION



P

Fig. 3: Voltage Inverter Replacement Components With Torque Specifications (3 of 3)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. SEPARATE BACK DOOR WEATHERSTRIP
2. REMOVE BACK DOOR SCUFF PLATE . Refer to **REMOVAL - Step 17**
3. SEPARATE REAR NO. 2 SEAT OUTER BELT ASSEMBLY RH

HINT:

Use the same procedure as for the LH side. Refer to **REMOVAL - Step 5** .

4. REMOVE REAR DOOR SCUFF PLATE RH . Refer to **REMOVAL - Step 13**
5. SEPARATE SLIDE DOOR WEATHERSTRIP RH
6. REMOVE QUARTER TRIM PANEL ASSEMBLY RH . Refer to **REMOVAL - Step 26**
7. REMOVE VOLTAGE INVERTER ASSEMBLY
 - a. Disconnect the connector.

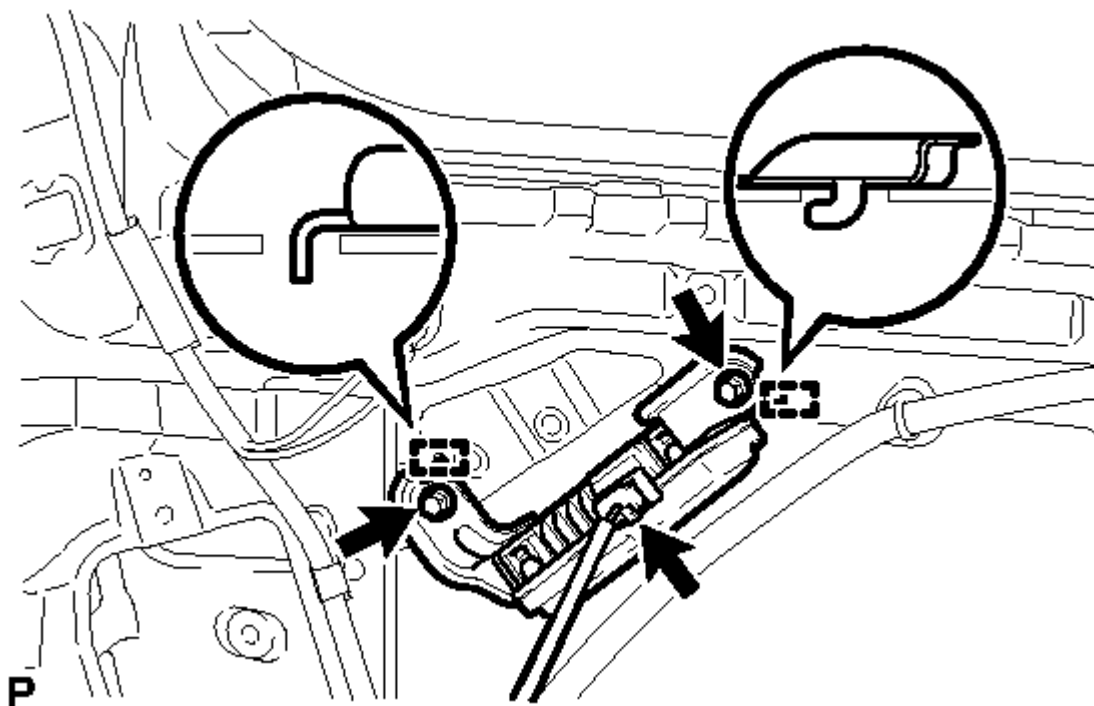


Fig. 4: Identifying Voltage Inverter Assembly Bolts & Guides
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- b. Remove the 2 bolts.
- c. Disengage the 2 guides and remove the voltage inverter.

INSTALLATION

INSTALLATION

1. INSTALL VOLTAGE INVERTER ASSEMBLY

- a. Engage the 2 guides and install the voltage inverter.
- b. Install the 2 bolts.

Torque: 7.5 N*m (76 kgf*cm, 66 in.*lbf)

- c. Connect the connector.

- 2. **INSTALL QUARTER TRIM PANEL ASSEMBLY RH** . Refer to INSTALLATION - Step 14
- 3. **INSTALL SLIDE DOOR WEATHERSTRIP RH**
- 4. **INSTALL REAR DOOR SCUFF PLATE RH** . Refer to INSTALLATION - Step 27
- 5. **INSTALL REAR NO. 2 SEAT OUTER BELT ASSEMBLY RH**

HINT:

Use the same procedure as for the LH side. Refer to INSTALLATION - Step 3 .

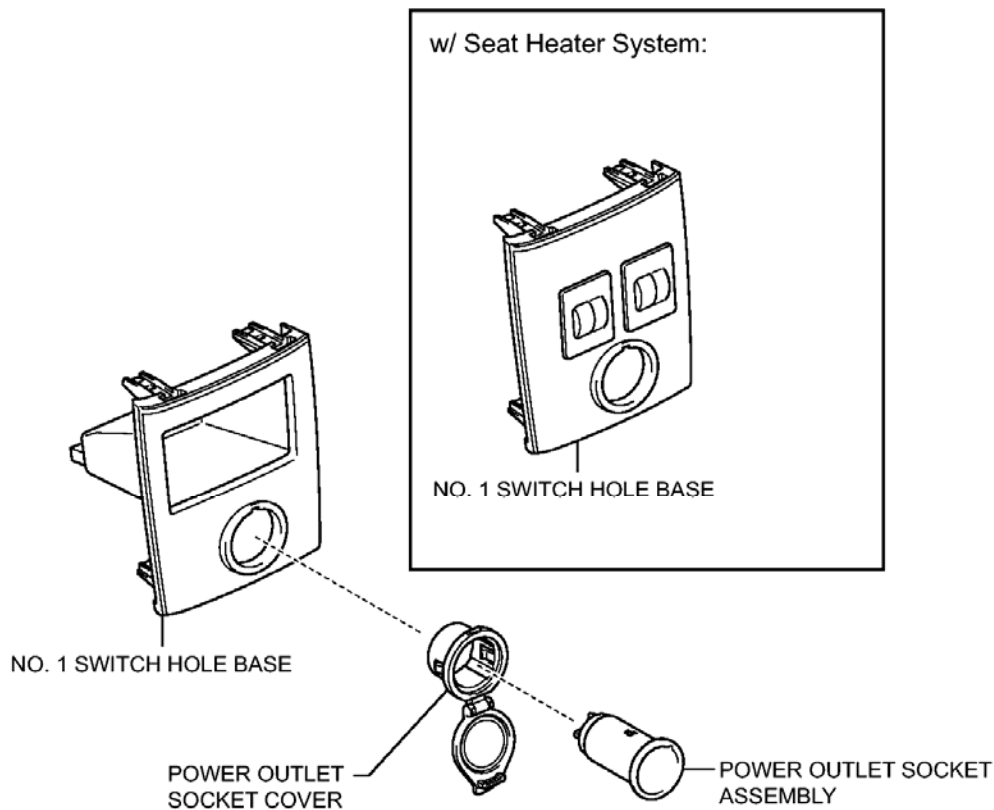
6. INSTALL BACK DOOR SCUFF PLATE . Refer to INSTALLATION - Step 24

7. INSTALL BACK DOOR WEATHERSTRIP

POWER OUTLET SOCKET (FOR UPPER SIDE)

COMPONENTS

ILLUSTRATION



Y

Fig. 5: Power Outlet Socket Replacement Components (For Upper Side)

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. REMOVE NO. 1 SWITCH HOLE BASE

- a. Disengage the 4 clips and remove the No. 1 switch hole base.

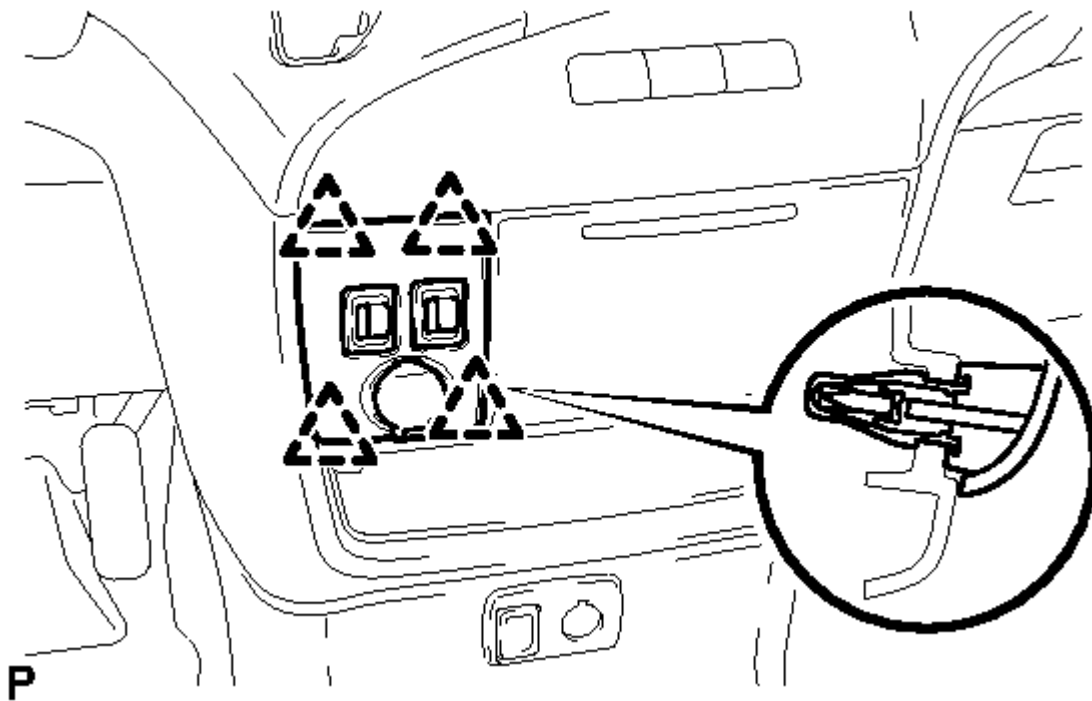
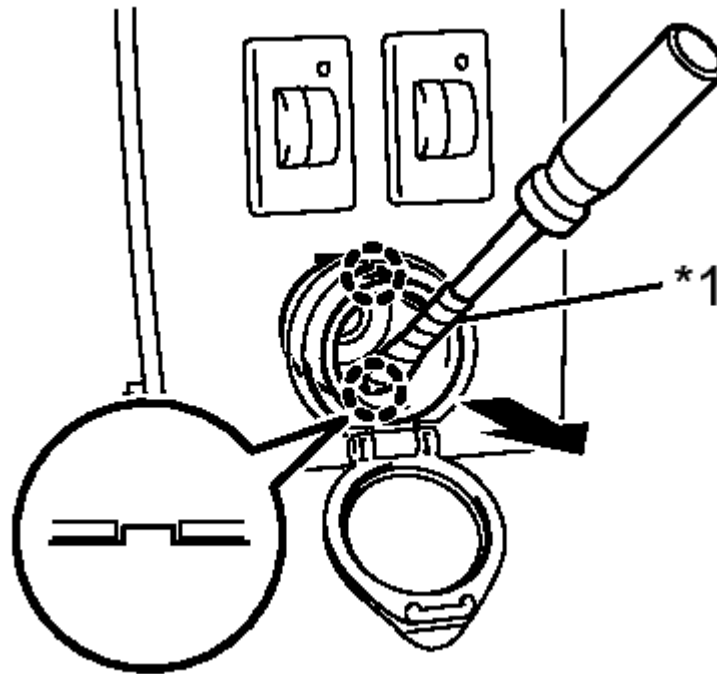


Fig. 6: Identifying No. 1 Switch Hole Base Clips
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- b. Disconnect the connectors.
2. **REMOVE POWER OUTLET SOCKET ASSEMBLY**
 - a. Using a screwdriver with its tip wrapped in protective tape, disengage the 2 claws and remove the power outlet socket.



Y

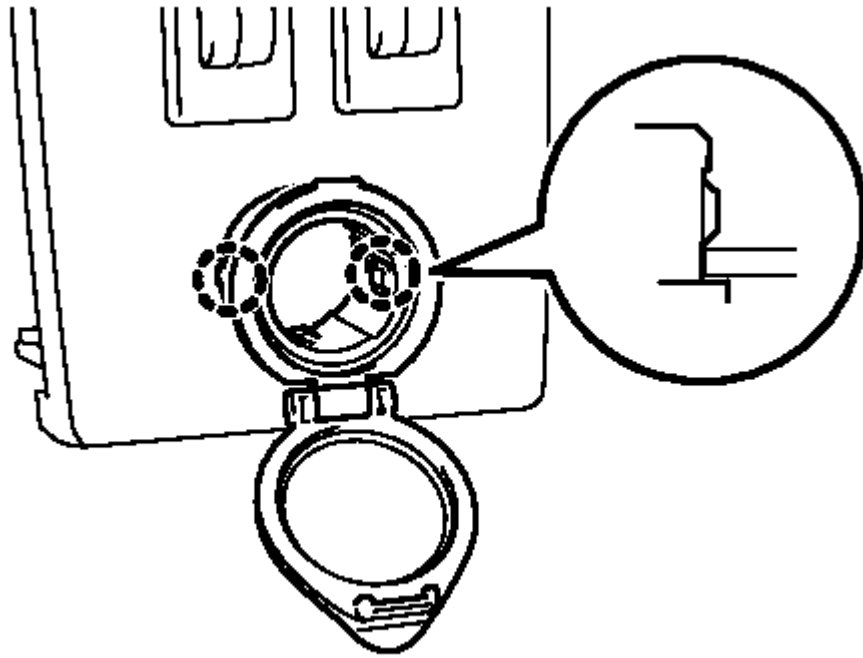
Fig. 7: Removing Power Outlet Socket Assembly, Using Screwdriver
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

TEXT IN ILLUSTRATION

*1	Protective Tape
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3. REMOVE POWER OUTLET SOCKET COVER

- a. Disengage the 2 claws and remove the power outlet socket cover.



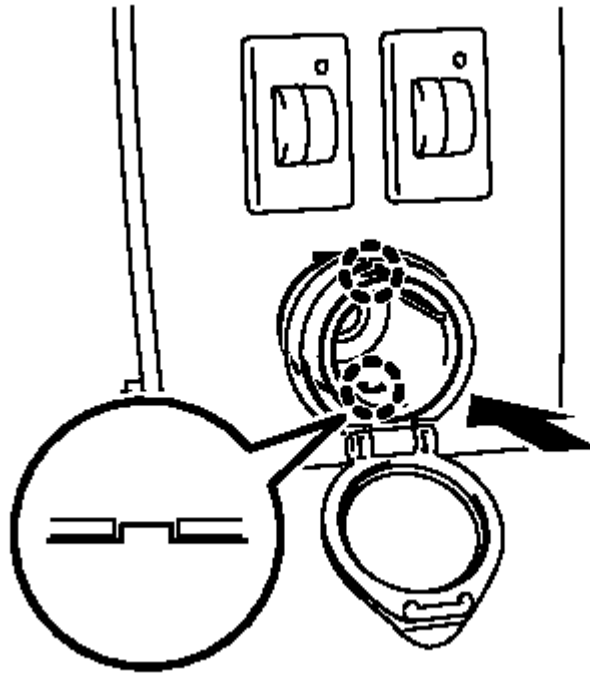
Y

Fig. 8: Identifying Power Outlet Socket Cover Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

INSTALLATION

1. **INSTALL POWER OUTLET SOCKET COVER**
 - a. Engage the 2 claws and install the power outlet socket cover.
2. **INSTALL POWER OUTLET SOCKET ASSEMBLY**
 - a. Engage the 2 claws and install the outlet socket.



Y

Fig. 9: Installing Power Outlet Socket Assembly
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

3. INSTALL NO. 1 SWITCH HOLE BASE

- a. Connect the connectors.
- b. Engage the 4 clips and install the No. 1 switch hole base.

POWER OUTLET SOCKET (FOR LOWER SIDE)

COMPONENTS

ILLUSTRATION

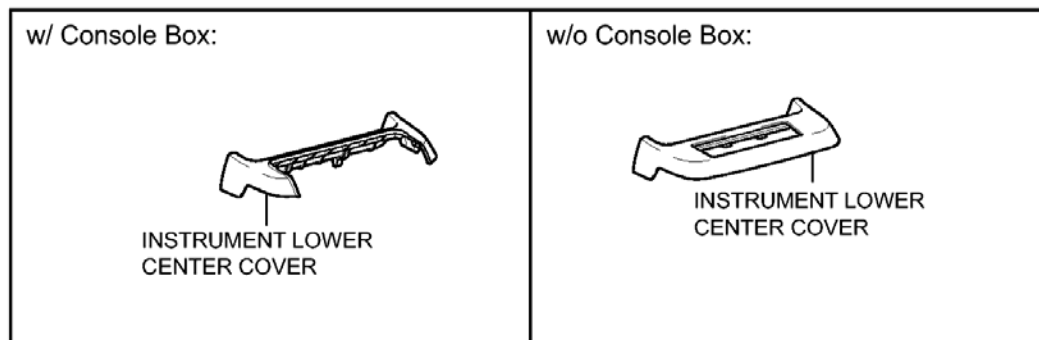
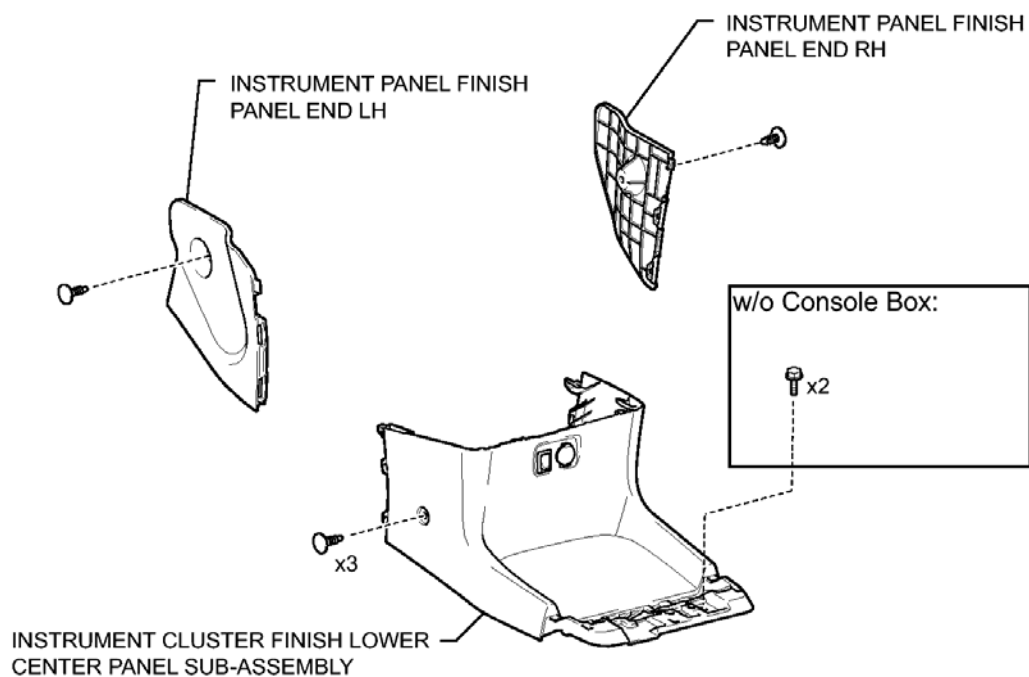
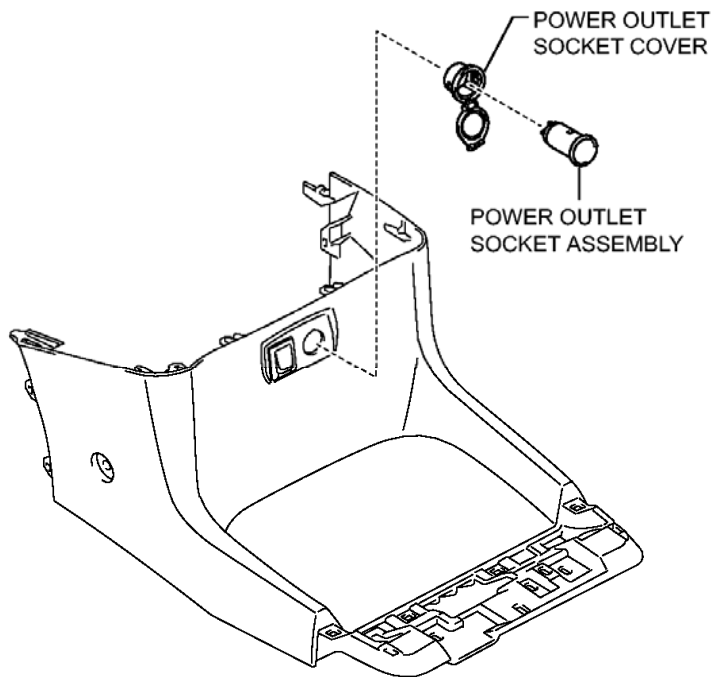


Fig. 10: Power Outlet Socket Replacement Components (For Lower Side) (1 of 2)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

ILLUSTRATION



Y
Fig. 11: Power Outlet Socket Replacement Components (For Lower Side) (2 of 2)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. **REMOVE CONSOLE BOX ASSEMBLY (for Slide Type)**

Refer to **REMOVAL**

2. **REMOVE CONSOLE BOX ASSEMBLY (for Fixed Type)**

Refer to **REMOVAL**

3. **REMOVE INSTRUMENT PANEL FINISH PANEL END RH** . Refer to **REMOVAL - Step 39**
4. **REMOVE INSTRUMENT PANEL FINISH PANEL END LH** . Refer to **REMOVAL - Step 40**
5. **REMOVE INSTRUMENT LOWER CENTER COVER (w/ Console Box)**
 - a. Disengage the 6 clips and remove the lower center instrument cover.

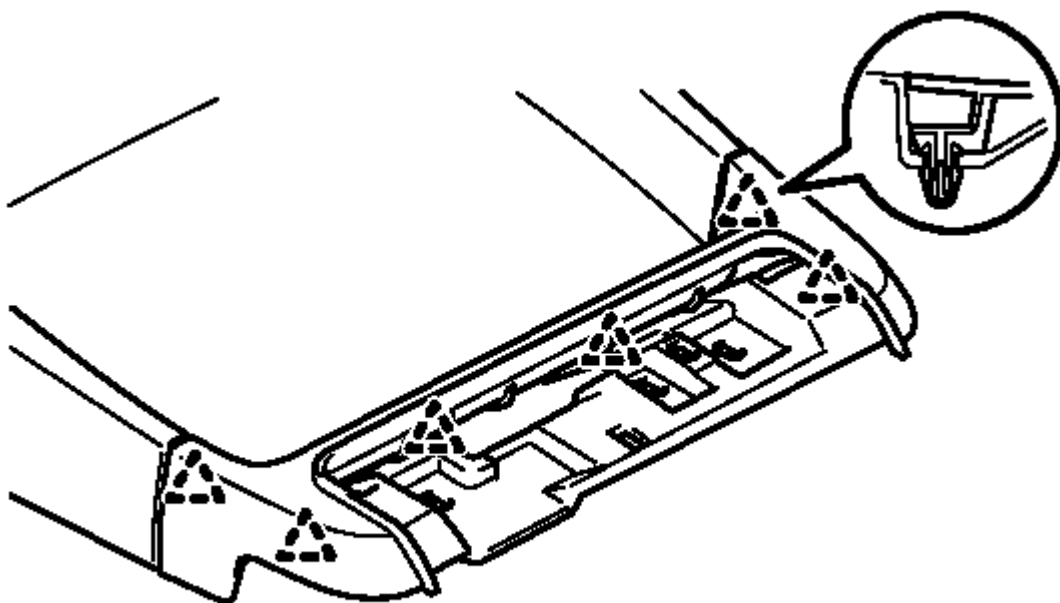


Fig. 12: Identifying Instrument Lower Center Cover Clips (w/ Console Box)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

6. **REMOVE INSTRUMENT LOWER CENTER COVER (w/o Console Box)**
 - a. Disengage the 7 clips and remove the lower center instrument cover.

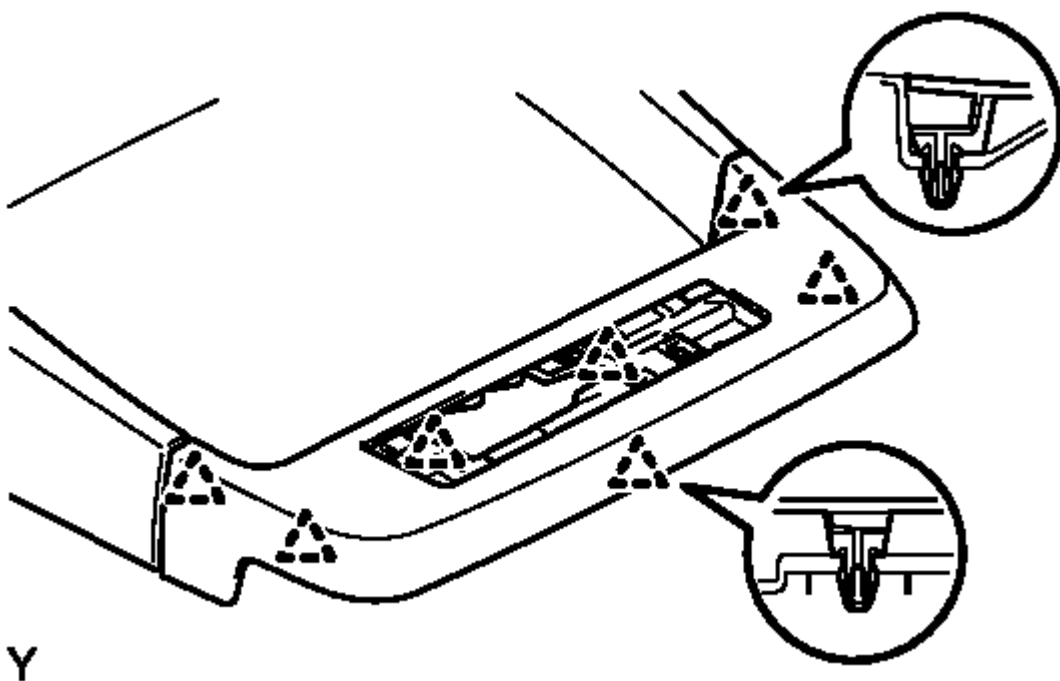


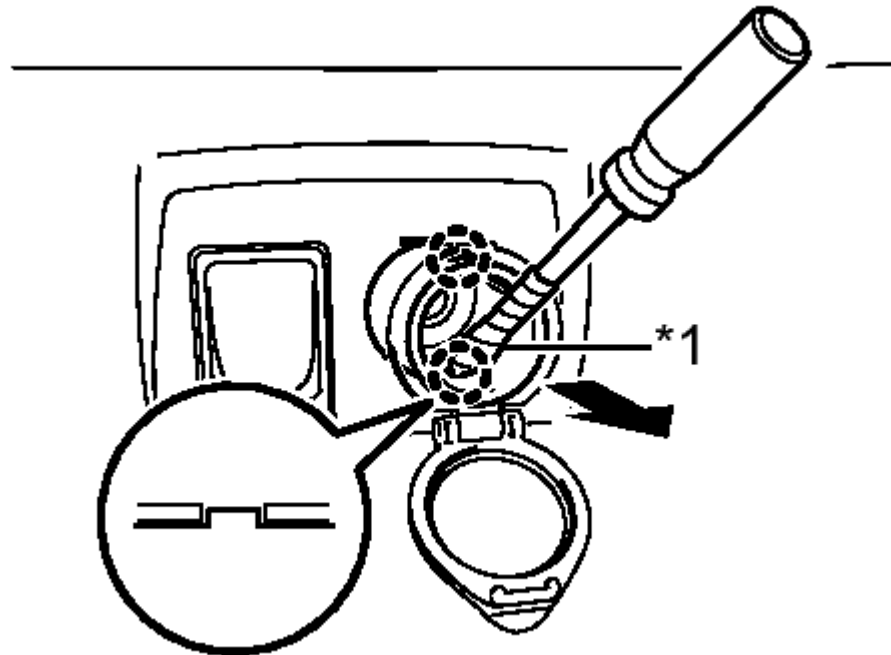
Fig. 13: Identifying Instrument Lower Center Cover Clips (w/o Console Box)

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

7. **REMOVE INSTRUMENT CLUSTER FINISH LOWER CENTER PANEL SUB-ASSEMBLY .**
Refer to **REMOVAL - Step 43**

8. **REMOVE POWER OUTLET SOCKET ASSEMBLY**

- a. Using a screwdriver with its tip wrapped in protective tape, disengage the claw and remove the power outlet socket.



Y

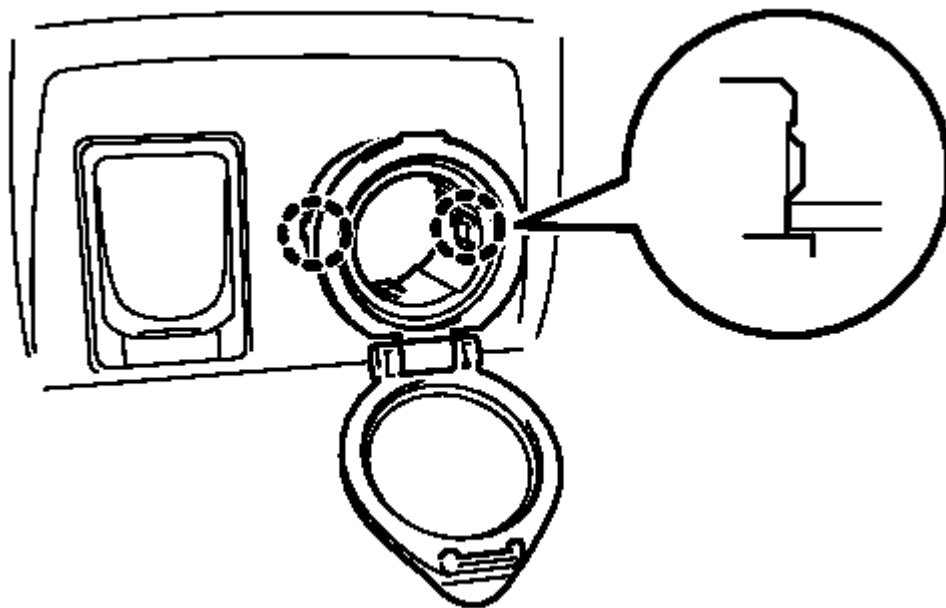
Fig. 14: Removing Power Outlet Socket Assembly, Using Screwdriver
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

TEXT IN ILLUSTRATION

*1	Protective Tape
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9. **REMOVE POWER OUTLET SOCKET COVER**

- a. Disengage the 2 claws and remove the power outlet socket cover.



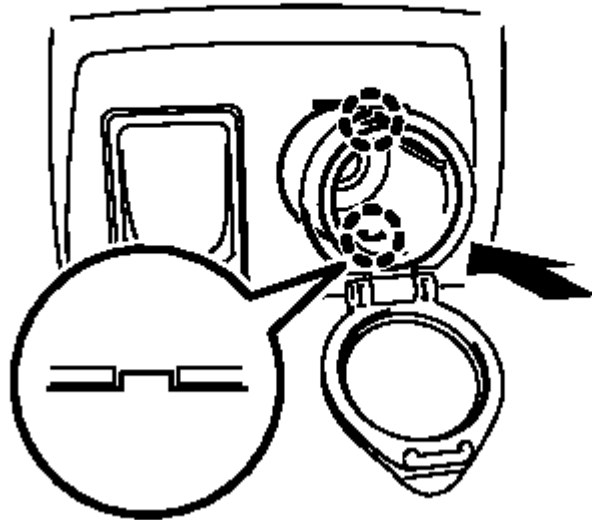
Y

Fig. 15: Identifying Power Outlet Socket Cover Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

INSTALLATION

1. **INSTALL POWER OUTLET SOCKET COVER**
 - a. Engage the 2 claws and install the power outlet socket cover.
2. **INSTALL POWER OUTLET SOCKET ASSEMBLY**
 - a. Engage the claw and install the power outlet socket.



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Fig. 16: Installing Power Outlet Socket Assembly
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

3. **INSTALL INSTRUMENT CLUSTER FINISH LOWER CENTER PANEL SUB-ASSEMBLY .**
Refer to **INSTALLATION - Step 15**
4. **INSTALL INSTRUMENT LOWER CENTER COVER (w/o Console Box)**
 - a. Engage the 7 clips and install the lower center instrument cover.
5. **INSTALL INSTRUMENT LOWER CENTER COVER (w/ Console Box)**
 - a. Engage the 6 clips and install the lower center instrument cover.
6. **INSTALL INSTRUMENT PANEL FINISH PANEL END RH .** Refer to **INSTALLATION - Step 18**
7. **INSTALL INSTRUMENT PANEL FINISH PANEL END LH .** Refer to **INSTALLATION - Step 19**
8. **INSTALL CONSOLE BOX ASSEMBLY (for Slide Type)**

Refer to **INSTALLATION**

9. **INSTALL CONSOLE BOX ASSEMBLY (for Fixed Type)**

Refer to **INSTALLATION**

CENTER POWER OUTLET SOCKET

COMPONENTS

ILLUSTRATION

for Slide Type:

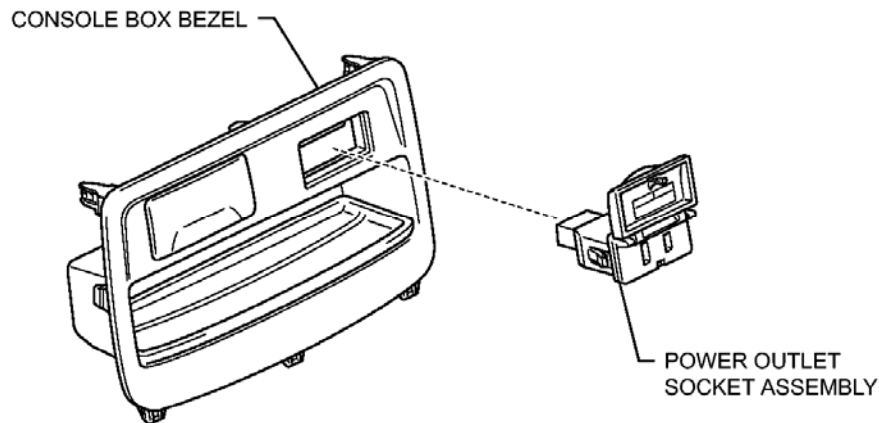
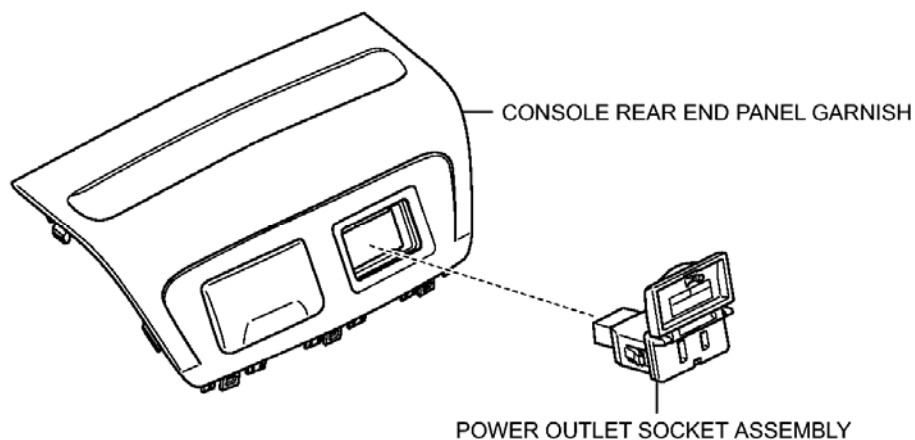


Fig. 17: Center Power Outlet Socket Replacement Components (1 of 2)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

ILLUSTRATION

for Fixed Type:



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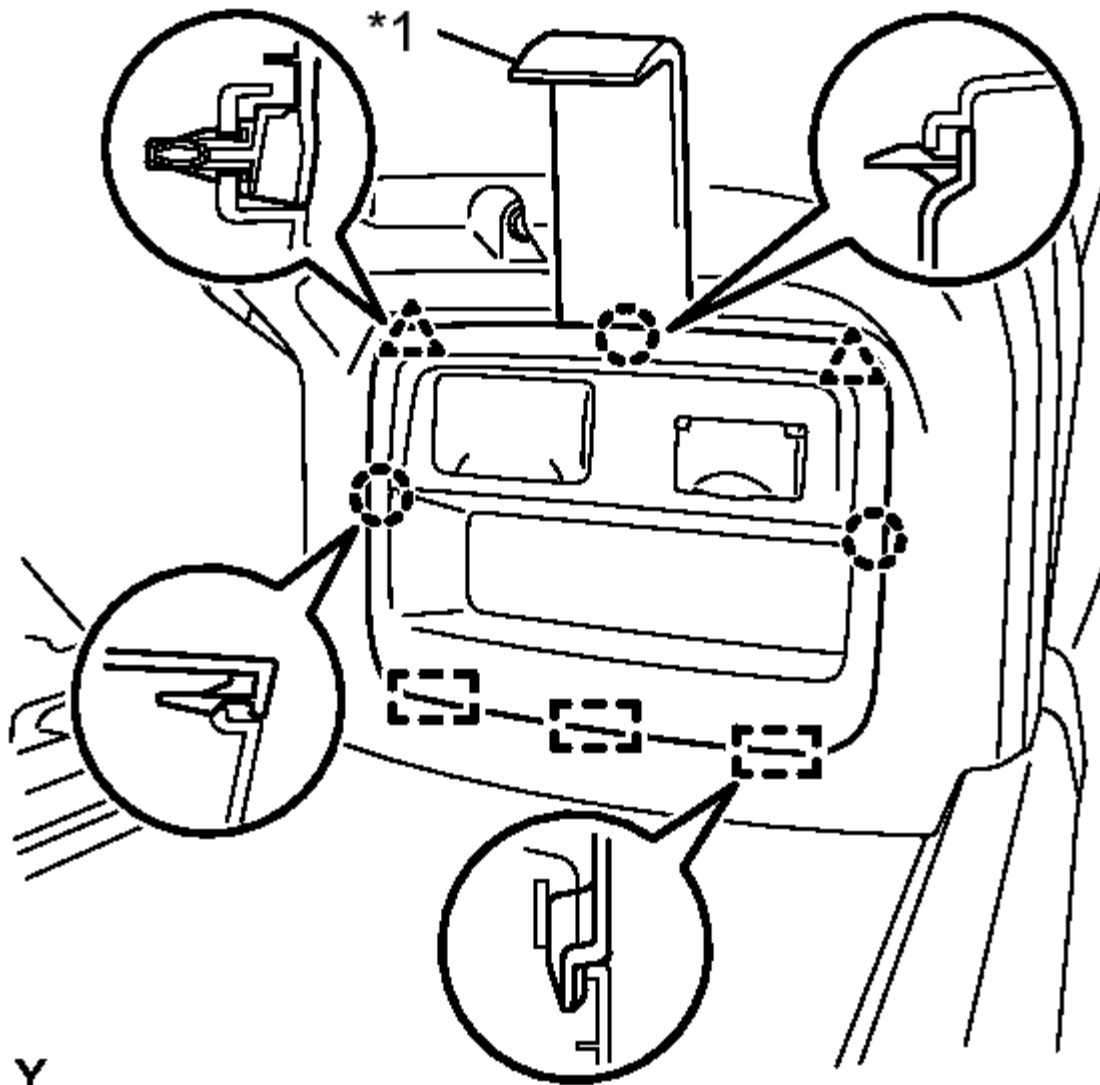
Fig. 18: Center Power Outlet Socket Replacement Components (2 of 2)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. REMOVE CONSOLE BOX BEZEL (for Slide Type)

- a. Using a moulding remover, disengage the 3 claws, 2 clips and 3 guides and remove the console box bezel.



Y

Fig. 19: Identifying Console Box Bezel Claws, Clips & Guides (For Slide Type)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

TEXT IN ILLUSTRATION

*1	Moulding Remover
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2. REMOVE CONSOLE REAR END PANEL GARNISH (for Fixed Type) . Refer to **DISASSEMBLY - Step 1**
3. REMOVE POWER OUTLET SOCKET ASSEMBLY (for Slide Type)

- a. Disengage the 2 claws and remove the power outlet socket.

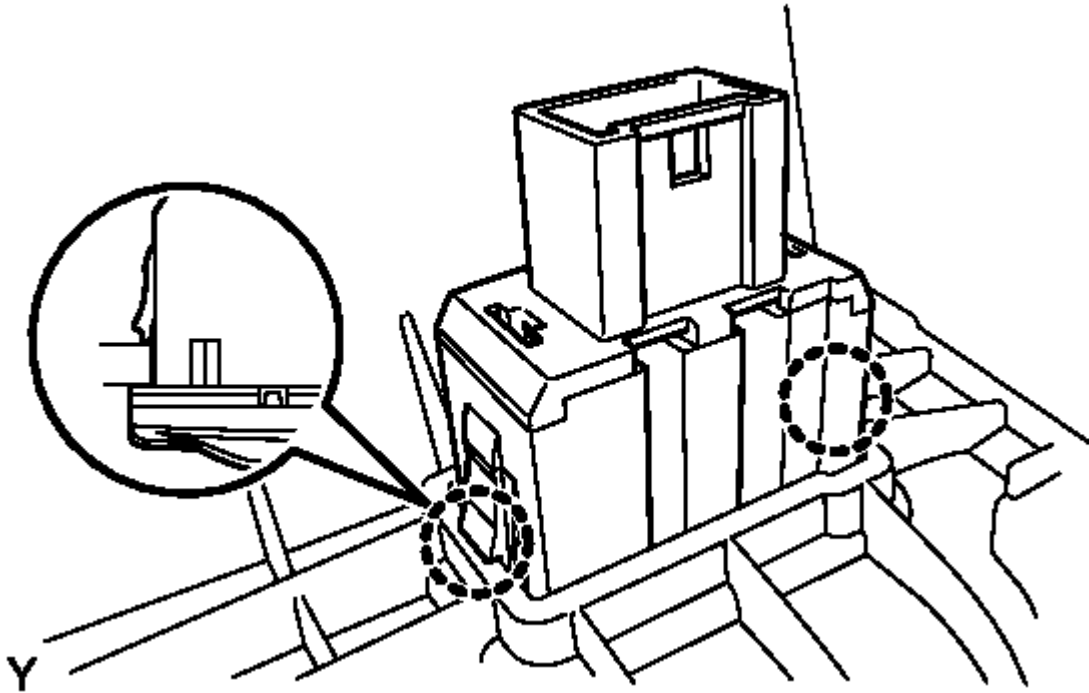


Fig. 20: Identifying Power Outlet Socket Assembly Claws (For Slide Type)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

4. REMOVE POWER OUTLET SOCKET ASSEMBLY (for Fixed Type)

- a. Disengage the 2 claws and remove the power outlet socket.

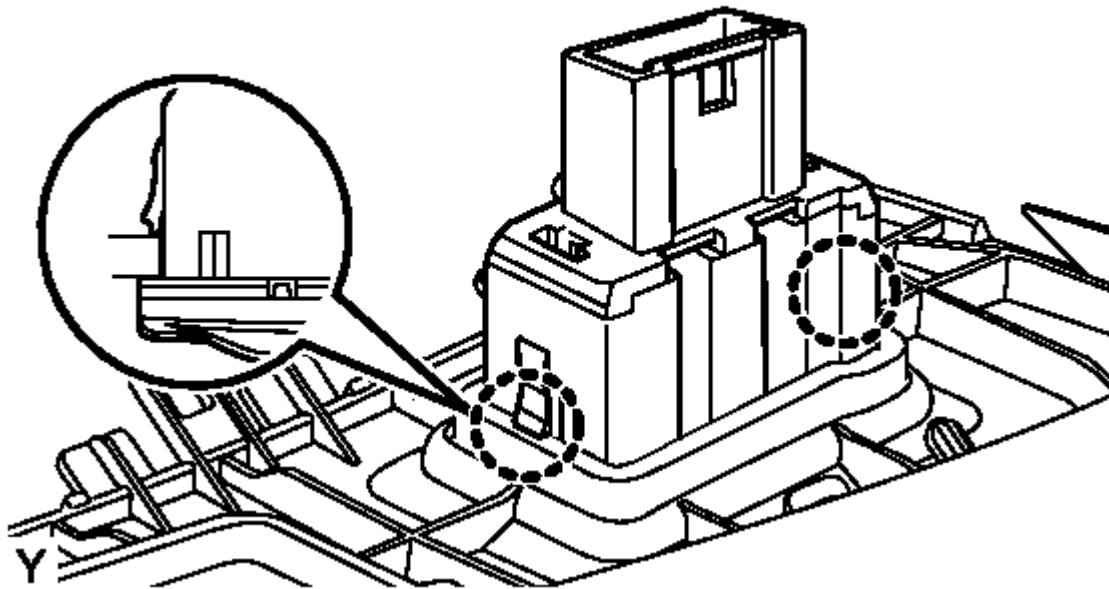


Fig. 21: Identifying Power Outlet Socket Assembly Claws (For Fixed Type)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

INSTALLATION

1. **INSTALL POWER OUTLET SOCKET ASSEMBLY (for Slide Type)**
 - a. Engage the 2 claws and install the power outlet socket.
2. **INSTALL POWER OUTLET SOCKET ASSEMBLY (for Fixed Type)**
 - a. Engage the 2 claws and install the power outlet socket.
3. **INSTALL CONSOLE BOX BEZEL (for Slide Type)**
 - a. Engage the 3 guides, 2 clips and 3 claws and install the console box bezel.

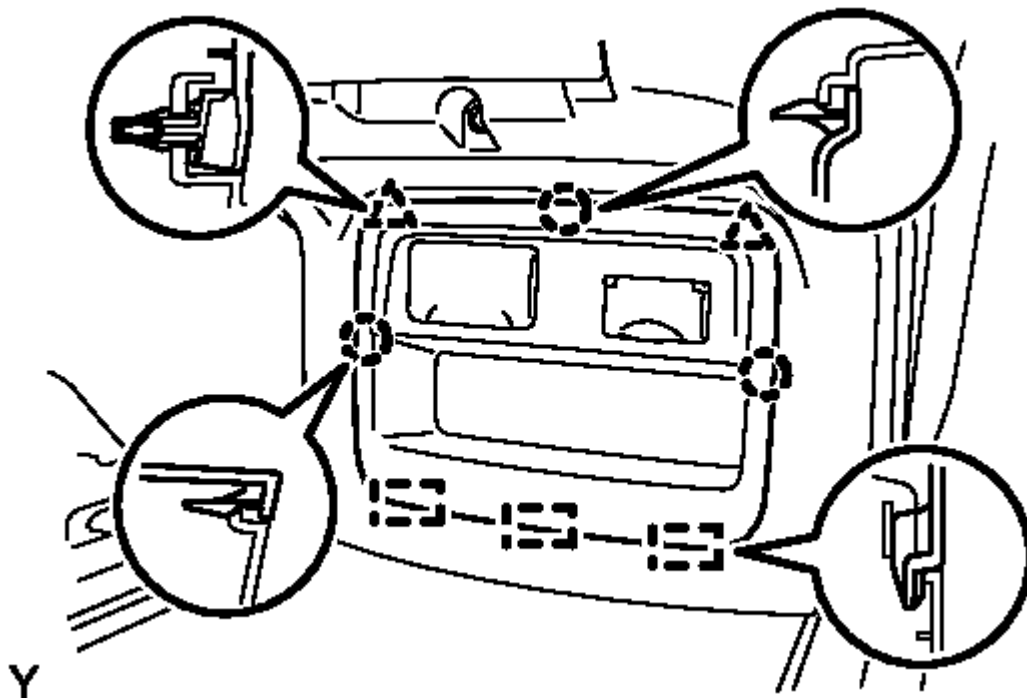


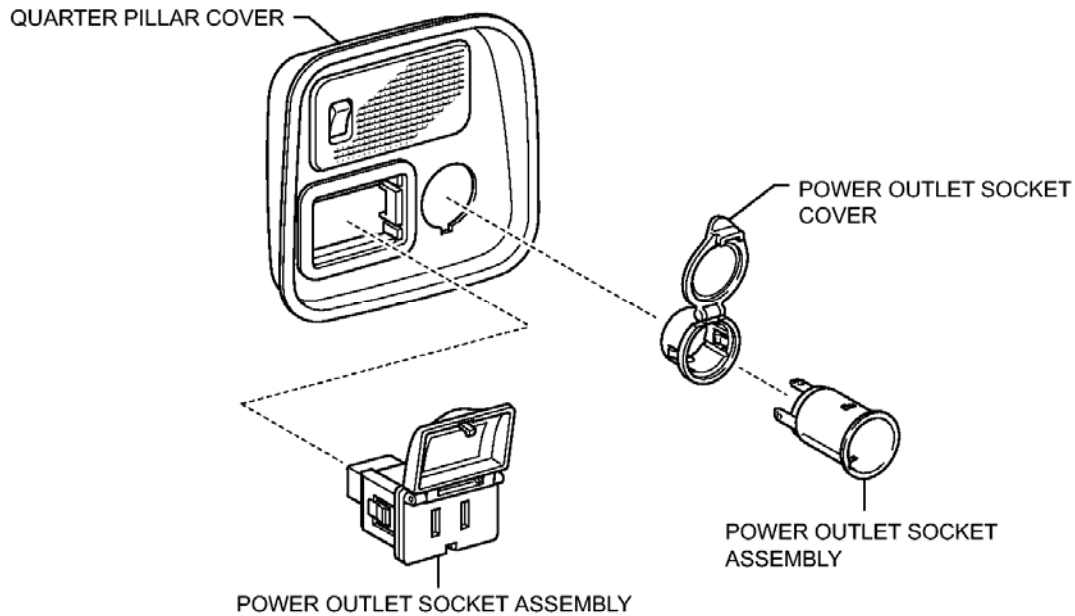
Fig. 22: Identifying Console Box Bezel Guides, Clips & Claws (For Slide Type)
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

4. **INSTALL CONSOLE REAR END PANEL GARNISH (for Fixed Type)** . Refer to **REASSEMBLY - Step 9**

REAR POWER OUTLET SOCKET (W/ DVD PLAYER)

COMPONENTS

ILLUSTRATION



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Fig. 23: Rear Power Outlet Socket Replacement Components (w/ DVD Player)
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. REMOVE QUARTER PILLAR COVER

- a. Using a moulding remover, disengage the 4 claws and 2 guides and remove the quarter pillar cover.

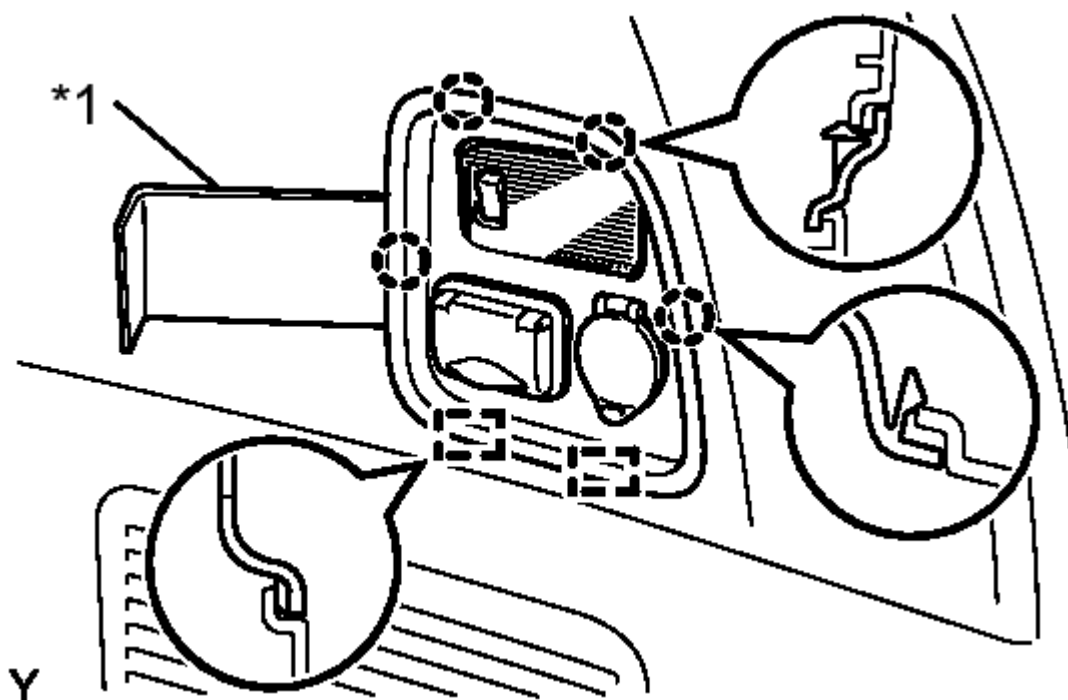


Fig. 24: Identifying Quarter Pillar Cover Claws & Guides
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

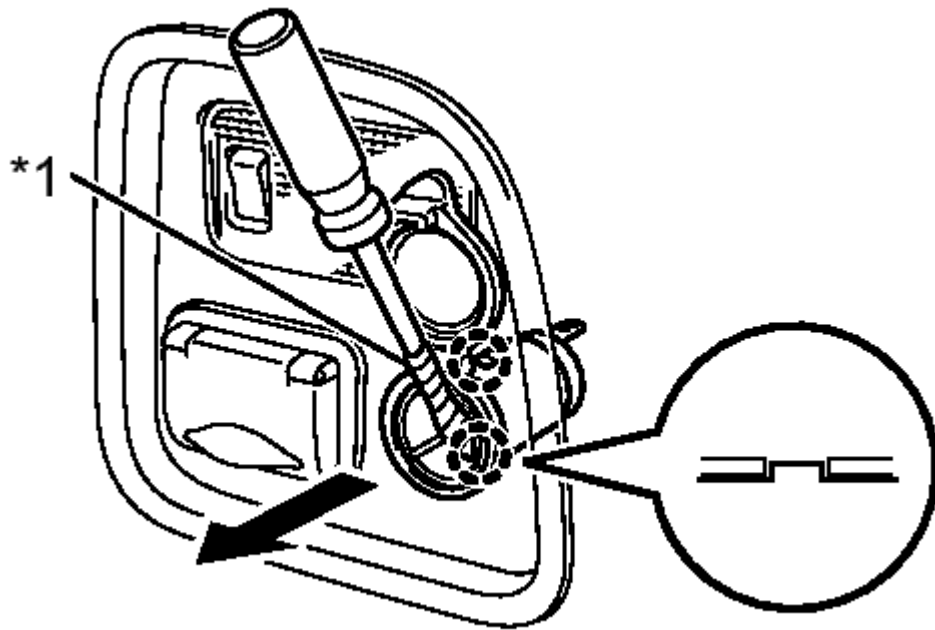
TEXT IN ILLUSTRATION

*1	Moulding Remover
----	---------------------

- b. Disconnect the 3 connectors.

2. REMOVE POWER OUTLET SOCKET ASSEMBLY

- a. Using a screwdriver with its tip wrapped in protective tape, disengage the 2 claws and remove the power outlet socket.



Y

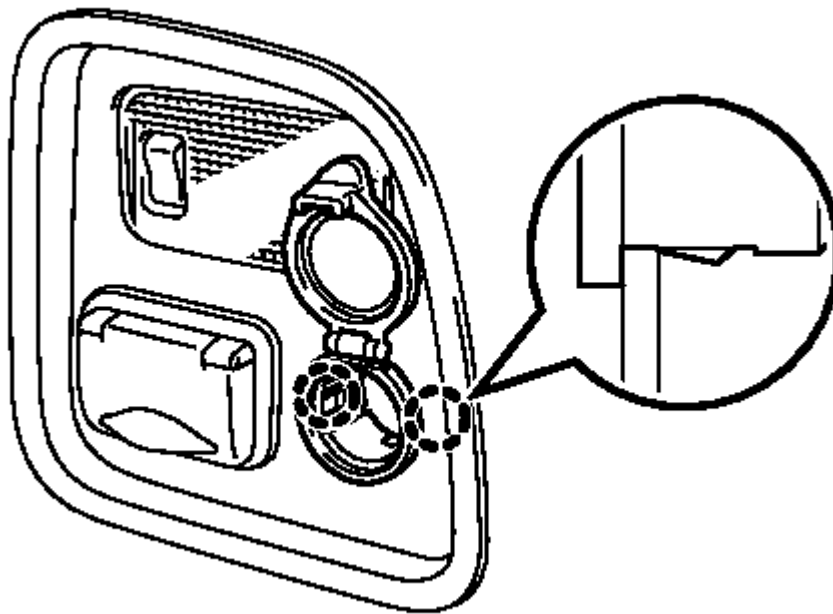
Fig. 25: Removing Power Outlet Socket Assembly, Using Screwdriver
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

TEXT IN ILLUSTRATION

*1	Protective Tape
----	--------------------

3. REMOVE POWER OUTLET SOCKET COVER

- a. Disengage the 2 claws and remove the power outlet socket cover.

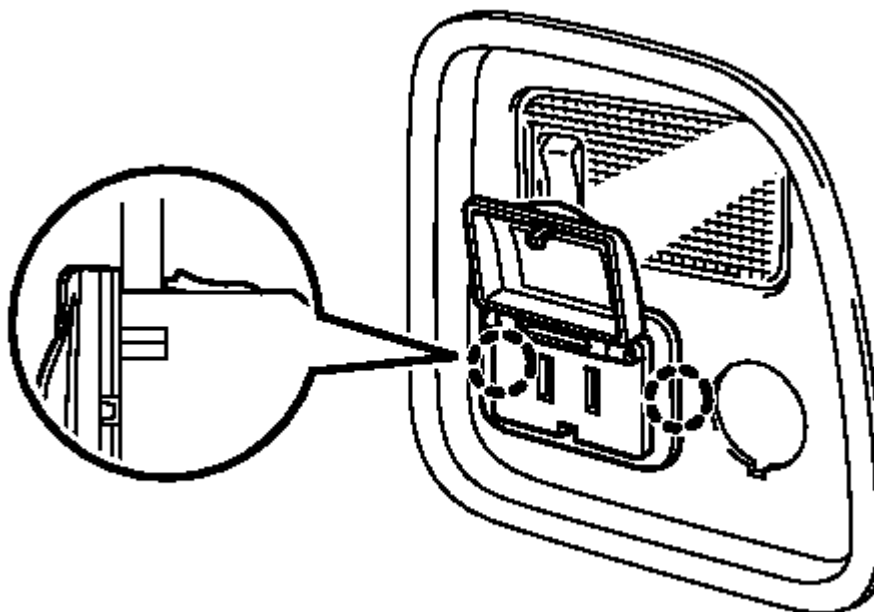


Y

Fig. 26: Identifying Power Outlet Socket Cover Claws
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

4. REMOVE POWER OUTLET SOCKET ASSEMBLY

- a. Disengage the 2 claws and remove the power outlet socket.



Y

Fig. 27: Identifying Power Outlet Socket Cover Claws

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

INSTALLATION

1. INSTALL POWER OUTLET SOCKET ASSEMBLY

- a. Engage the 2 claws and install the power outlet socket.

2. INSTALL POWER OUTLET SOCKET COVER

- a. Engage the 2 claws and install the power outlet socket cover.

3. INSTALL POWER OUTLET SOCKET ASSEMBLY

- a. Engage the claw and install the power outlet socket.

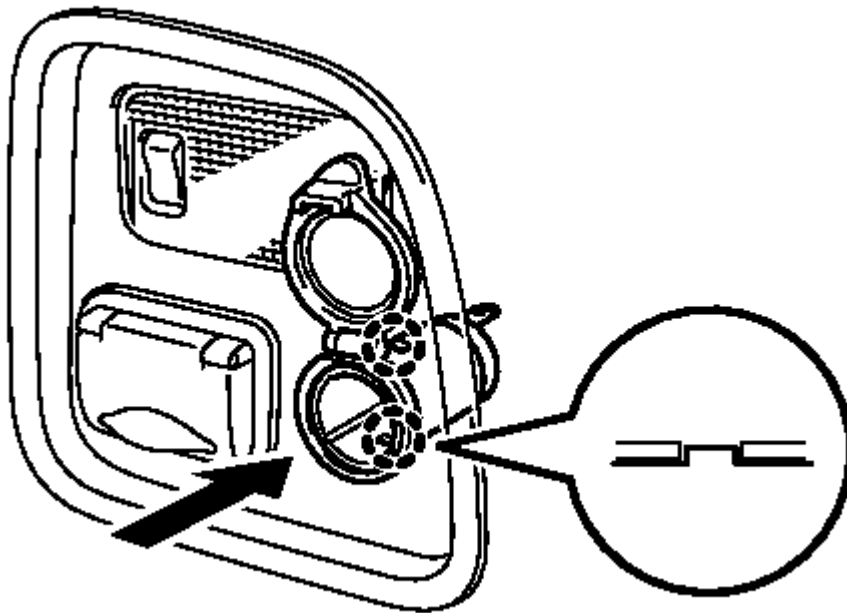


Fig. 28: Installing Power Outlet Socket Assembly

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

4. INSTALL QUARTER PILLAR COVER

- a. Connect the 3 connectors.
- b. Engage the 2 guides and 4 claws and install the quarter pillar cover.

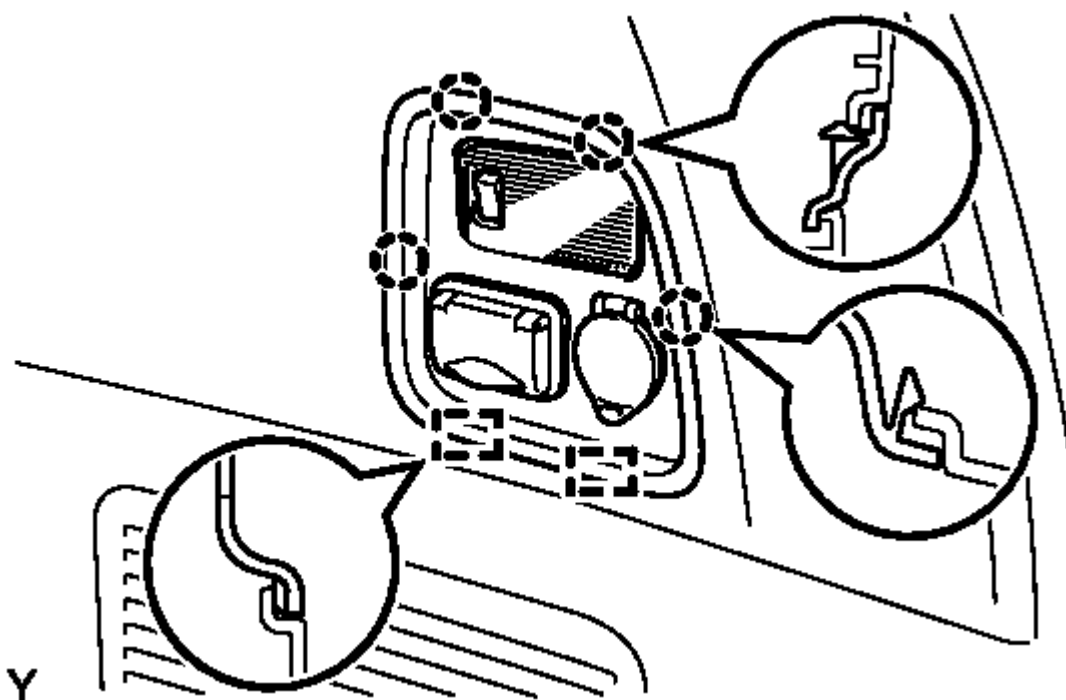


Fig. 29: Installing Quarter Pillar Cover
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REAR POWER OUTLET SOCKET (W/O DVD PLAYER)

COMPONENTS

ILLUSTRATION

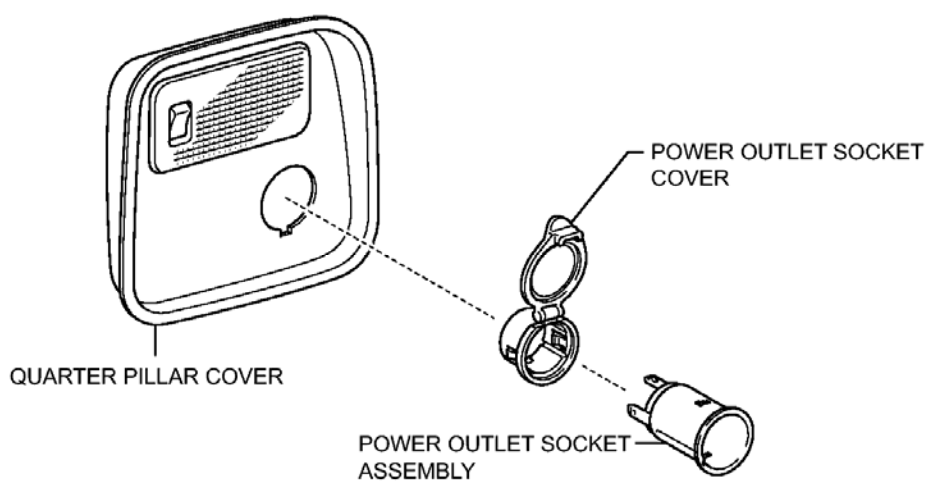


Fig. 30: Rear Power Outlet Socket Replacement Components (w/o DVD Player)

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

REMOVAL

REMOVAL

1. REMOVE QUARTER PILLAR COVER

- a. Using a moulding remover, disengage the 4 claws and 2 guides and remove the quarter pillar cover.

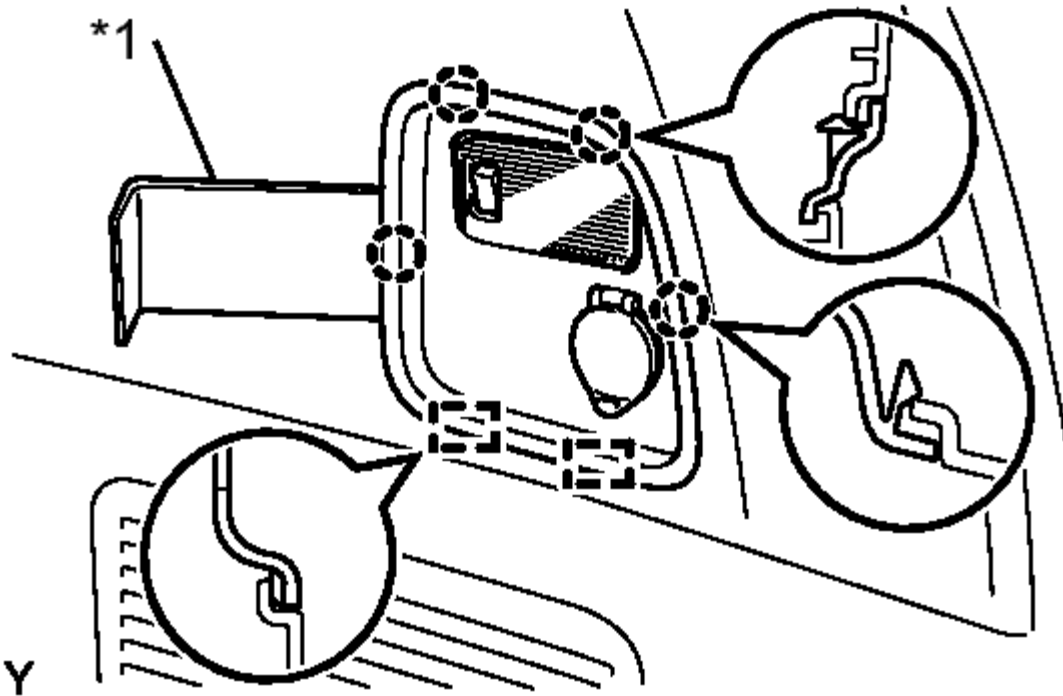


Fig. 31: Identifying Quarter Pillar Cover Claws & Guides
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

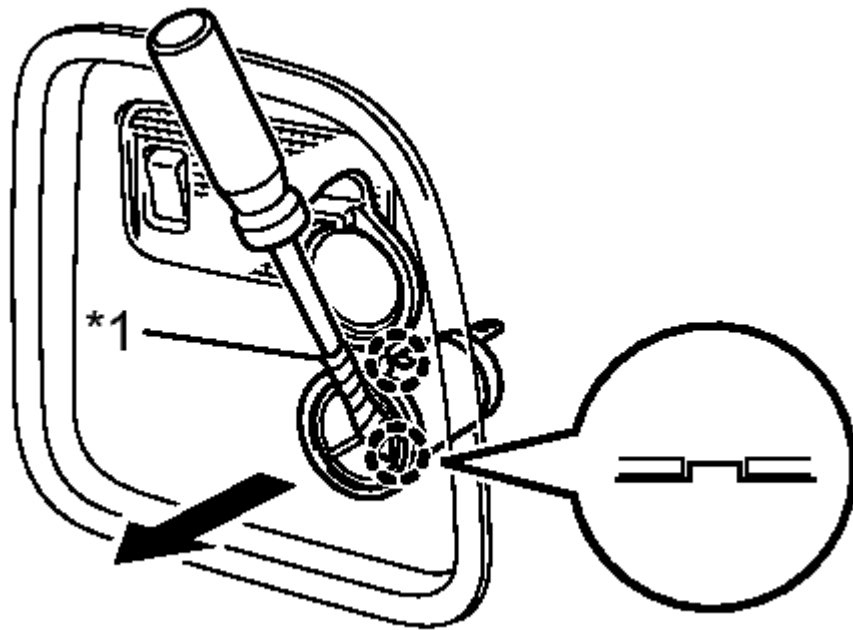
TEXT IN ILLUSTRATION

*1	Moulding Remover
----	---------------------

- b. Disconnect the 2 connectors.

2. REMOVE POWER OUTLET SOCKET ASSEMBLY

- a. Using a screwdriver with its tip wrapped in protective tape, disengage the 2 claws and remove the power outlet socket.



Y

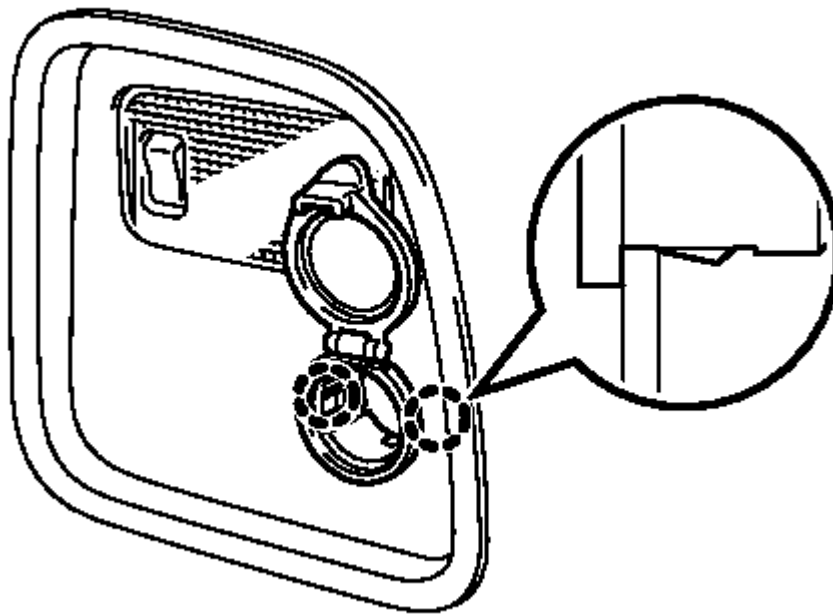
Fig. 32: Identifying Power Outlet Socket Assembly Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

TEXT IN ILLUSTRATION

*1	Protective Tape
----	--------------------

3. REMOVE POWER OUTLET SOCKET COVER

- a. Disengage the 2 claws and remove the power outlet socket cover.



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Fig. 33: Identifying Power Outlet Socket Cover Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION

INSTALLATION

- 1. INSTALL POWER OUTLET SOCKET COVER**
 - a. Engage the 2 claws and install the power outlet socket cover.
- 2. INSTALL POWER OUTLET SOCKET ASSEMBLY**
 - a. Engage the 2 claws and install the power outlet socket.

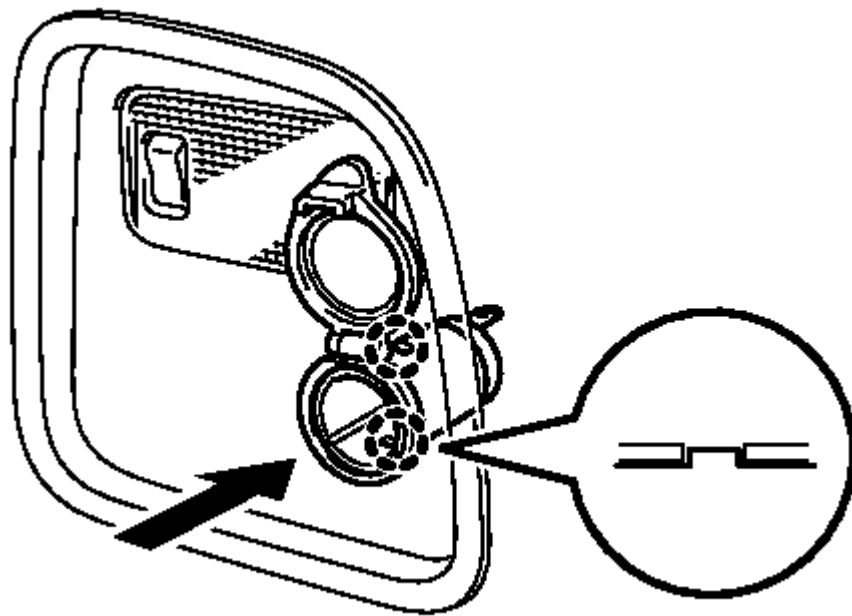


Fig. 34: Installing Power Outlet Socket Assembly
 Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

3. INSTALL QUARTER PILLAR COVER

- a. Connect the 2 connectors.
- b. Engage the 2 guides and 4 claws and install the quarter pillar cover.

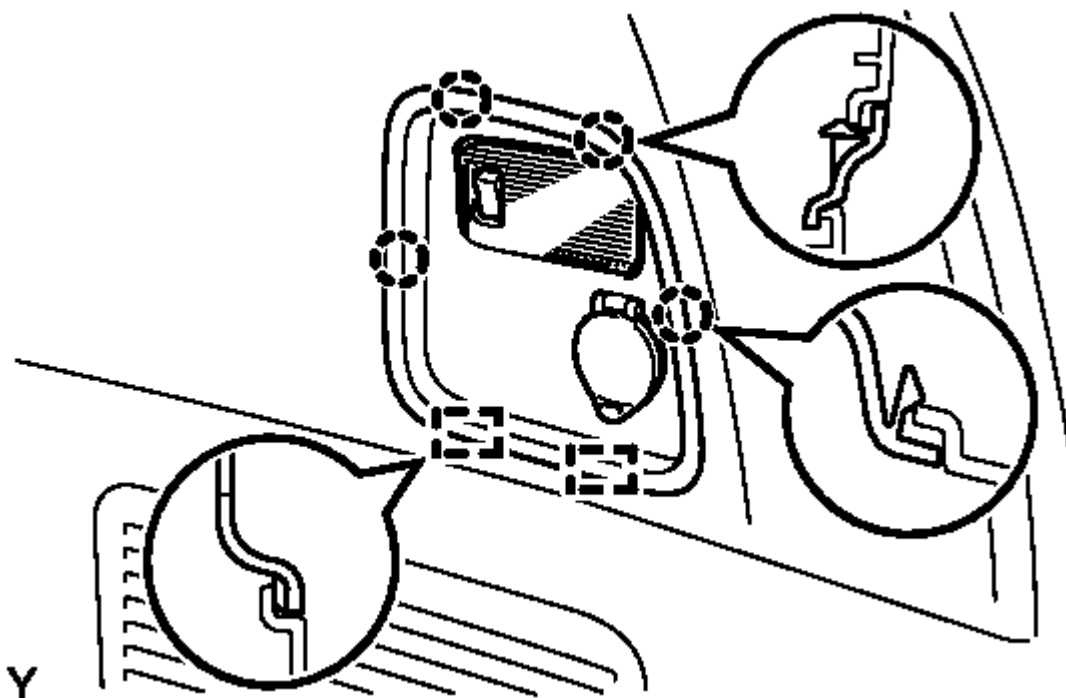


Fig. 35: Installing Quarter Pillar Cover
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.