

2008 Scion xD

2008 ELECTRICAL Other Systems - xD

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Other Systems - xD

CLOCK SYSTEM

PARTS LOCATION

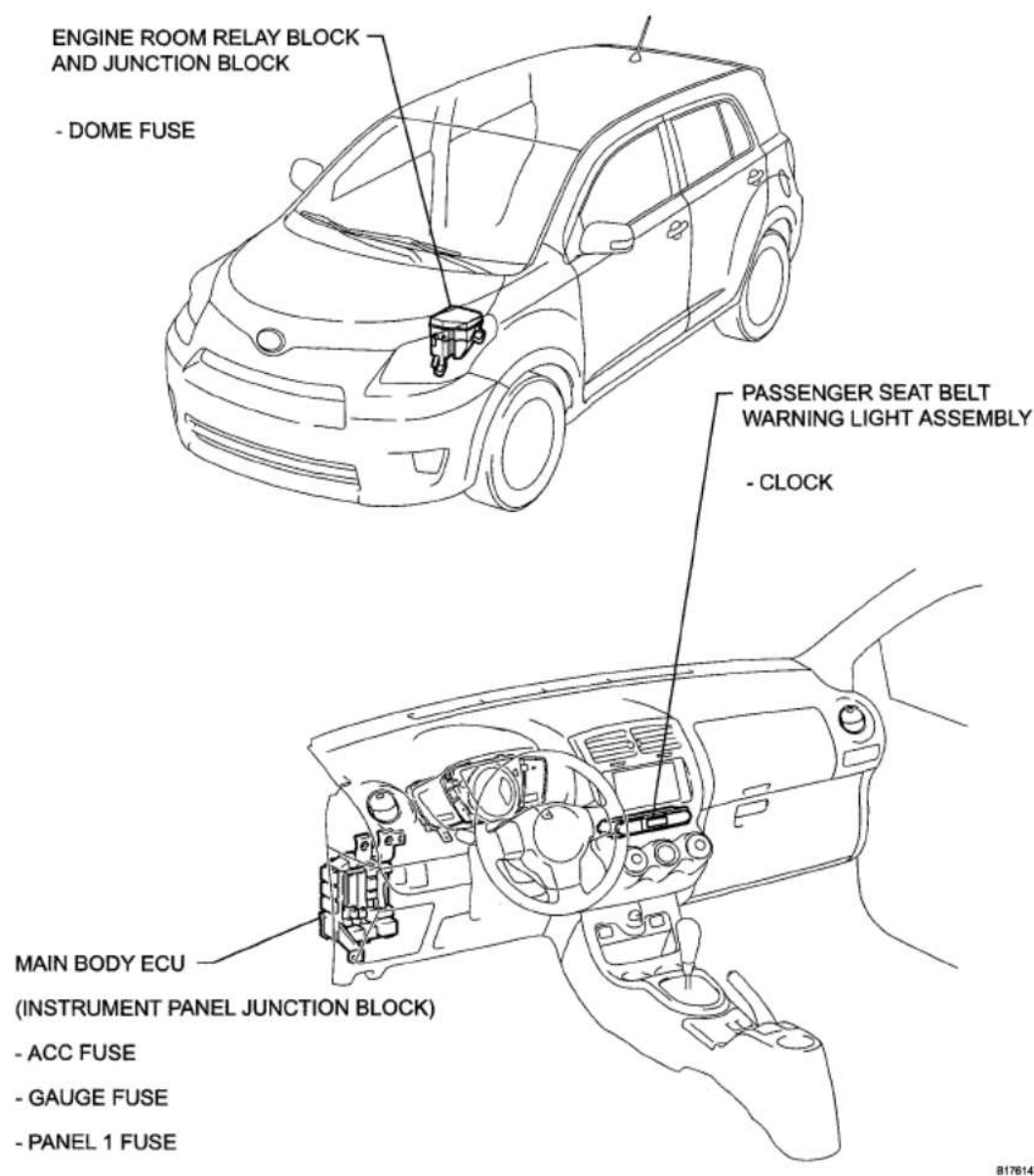


Fig. 1: Identifying Clock System Components
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

SYSTEM DIAGRAM

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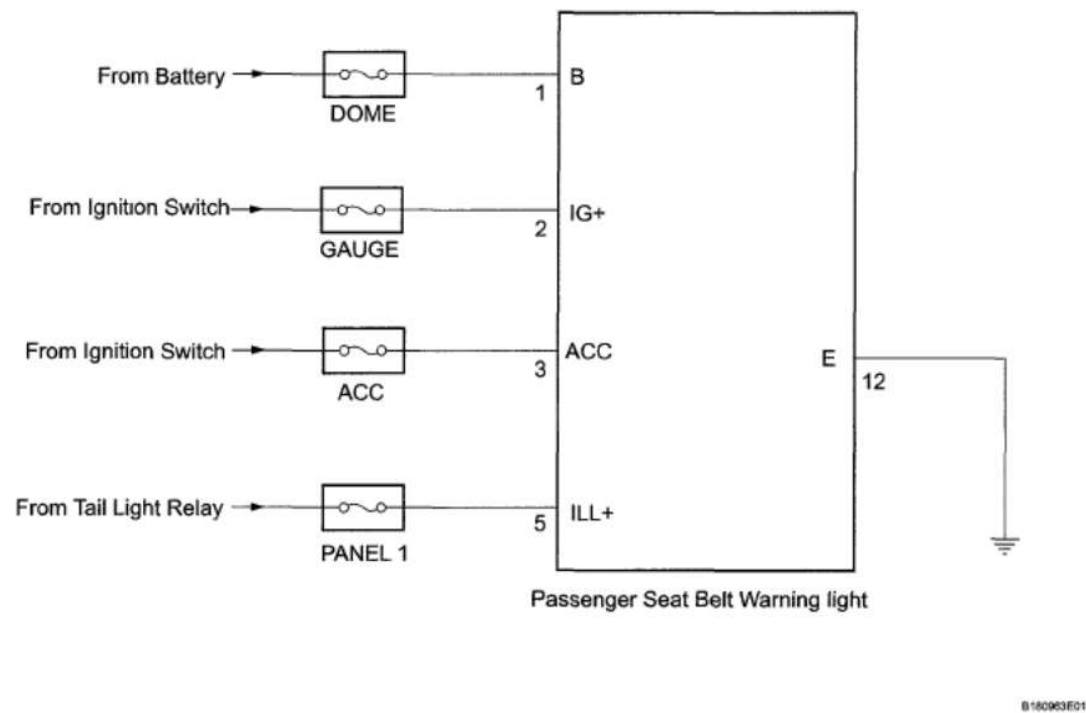


Fig. 2: Clock System Diagram
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the causes of the problem symptom. The potential cases of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

PASSENGER SEAT BELT WARNING LIGHT

PROBLEM SYMPTOMS CHART - PASSENGER SEAT BELT WARNING LIGHT

Symptom	Suspected Area	Go To
Clock does not operate	Fuse (DOME, ACC, IG)	<u>CLOCK SYSTEM</u>
	Passenger seat belt warning light	<u>PASSENGER SEAT BELT WARNING LIGHT</u>
	Wire harness	-
Clock illumination malfunction	Fuse (PANEL 1)	<u>CLOCK SYSTEM</u>
	Passenger seat belt warning light	<u>PASSENGER SEAT BELT WARNING LIGHT</u>
	Wire harness	-

TERMINALS OF ECU

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1. CLOCK



B175513E01

Fig. 3: Identifying ECU Terminals
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- a. Disconnect the clock connector.
- b. Measure the voltage of the wire harness side connector.

Standard voltage:

STANDARD VOLTAGE SPECIFICATIONS

Terminal No. (Symbol)	Wiring Color	Terminal Description	Condition	Specified Condition
F17-5 (ILL+) - Body ground	R - Body ground	Illumination Signal	Combination switch OFF	Below 1 V
			Combination switch TAIL	11 to 14 V
			Combination switch HEAD	11 to 14 V
F17-3 (ACC) - Body ground	V - Body ground	Ignition Switch Signal	Ignition switch to OFF	Below 1 V
			Ignition switch to ON	11 to 14 V
F17-2 (IG+) - Body ground	Y - Body ground	Ignition Switch Signal	Ignition switch to OFF	Below 1 V
			Ignition switch to ON	11 to 14 V
F17-12 (E) - Body ground	W-B - Body ground	Ground	Always	Below 1 ohms
F17-1 (B) - Body ground	B - Body ground	Battery	Always	11 to 14 V

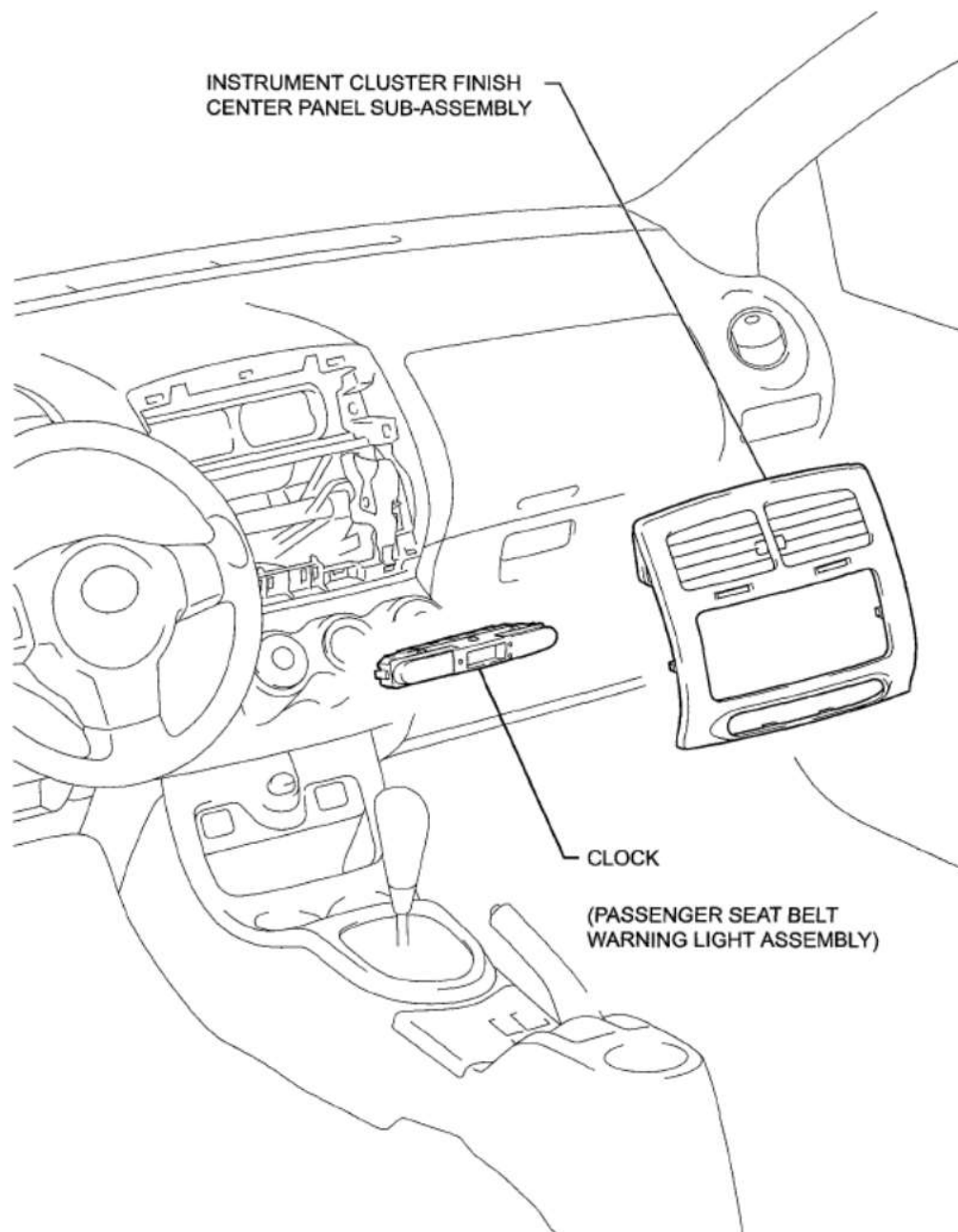
If the result is not as specified, there may be a malfunction on the wire harness side.

CLOCK

COMPONENTS

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E151958E03

Fig. 4: Identifying Clock Components

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

REMOVAL

1. **REMOVE INSTRUMENT CLUSTER FINISH CENTER PANEL SUB-ASSEMBLY** (See **REMOVAL**)
2. **REMOVE CLOCK**

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- a. Disengage the 7 claws and remove the clock.

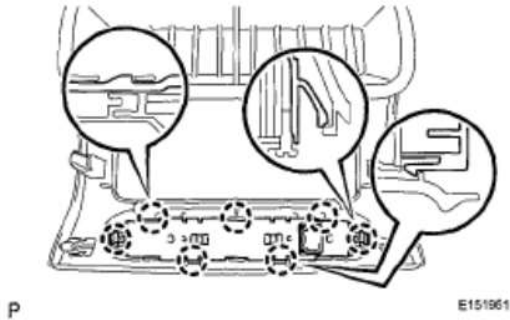


Fig. 5: Identifying Clock Claws

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

INSTALLATION

1. INSTALL CLOCK

- a. Engage the 7 claws and install the clock.

2. REMOVE INSTRUMENT CLUSTER FINISH CENTER PANEL SUB-ASSEMBLY (See INSTALLATION)

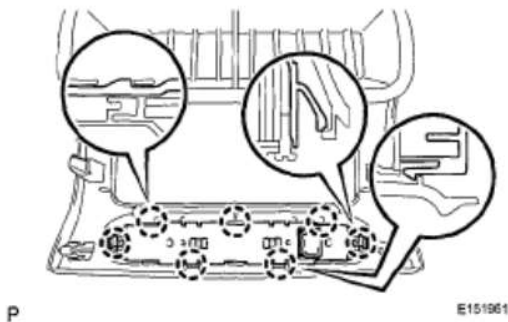


Fig. 6: Identifying Clock Claws

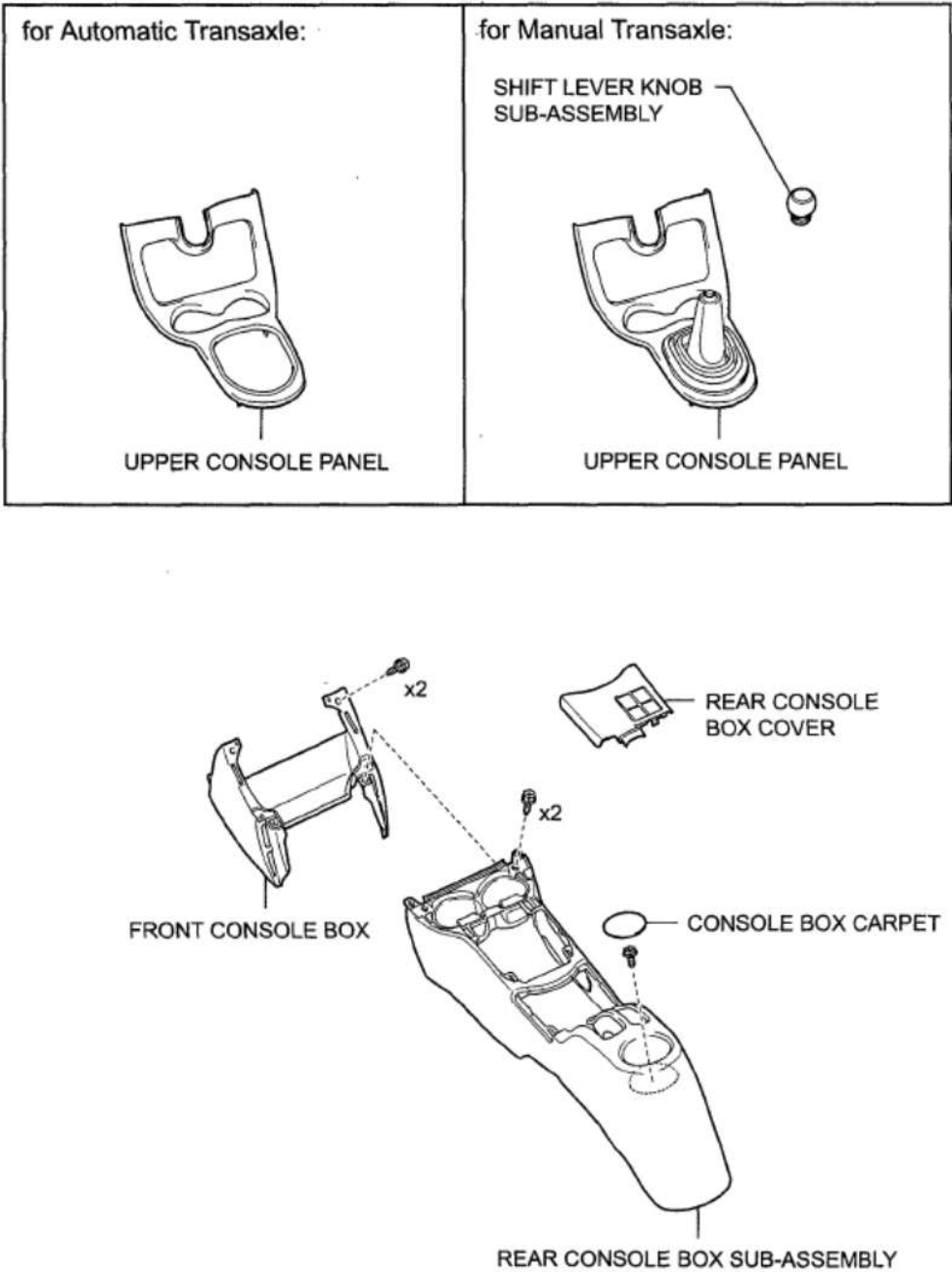
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POWER OUTLET SOCKET

COMPONENTS

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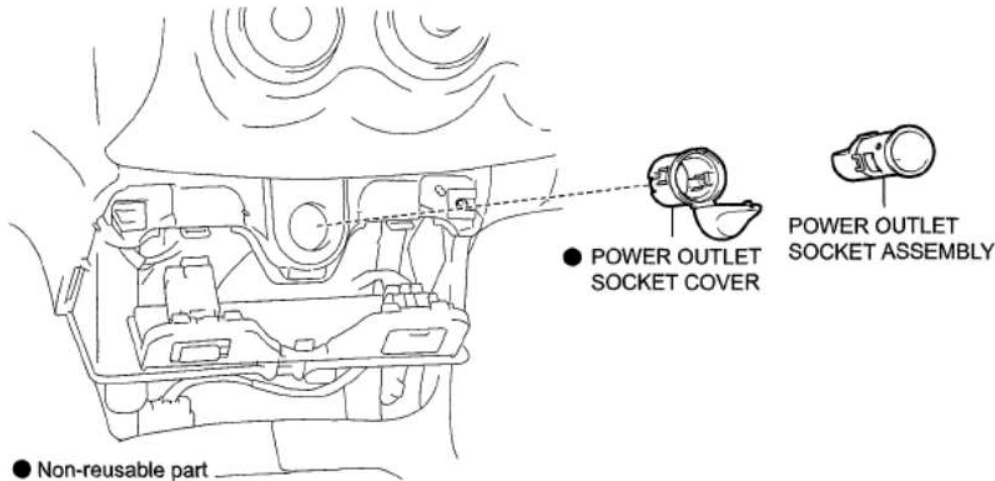
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E161966EG2

Fig. 7: Identifying Power Outlet Socket Components (1 Of 2)
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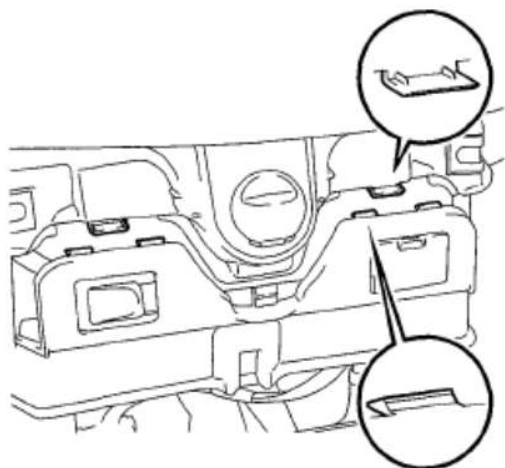
E151970E03

Fig. 8: Identifying Power Outlet Socket Components (2 Of 2)

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

REMOVAL

1. REMOVE SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle) (See [REMOVAL](#))
2. REMOVE UPPER CONSOLE PANEL (See [REMOVAL](#))
3. REMOVE REAR CONSOLE BOX COVER (See [REMOVAL](#))
4. REMOVE CONSOLE BOX CARPET (See [REMOVAL](#))
5. REMOVE REAR CONSOLE BOX SUB-ASSEMBLY (See [REMOVAL](#))
6. REMOVE FRONT CONSOLE BOX (See [REMOVAL](#))
7. REMOVE POWER OUTLET SOCKET ASSEMBLY
 - a. Disengage the 6 claws and open the lower instrument panel.



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Fig. 9: Identifying Lower Instrument Panel Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- b. Disconnect the power outlet socket connector.

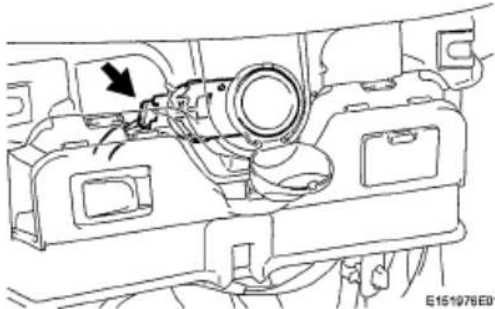


Fig. 10: Locating Power Outlet Socket Connector
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- c. Using a screwdriver with its tip wrapped in protective tape, disengage the claw, then turn the power outlet socket clockwise and push the power outlet socket halfway out.

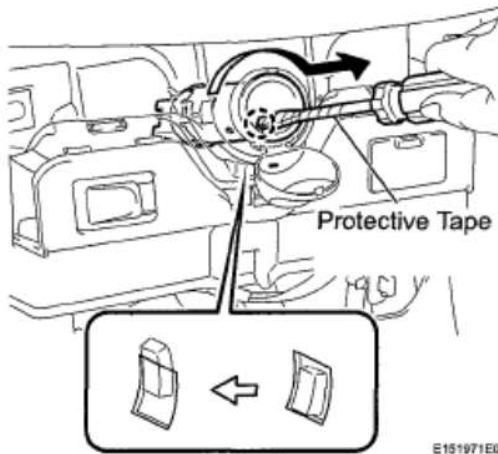


Fig. 11: Turning Power Outlet Socket
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- d. Align the protrusion of the power outlet socket with the cutout of the power outlet socket cover and then push the power outlet socket out.

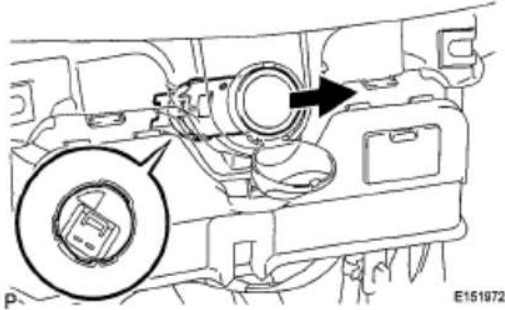
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Fig. 12: Pushing Power Outlet Socket Out
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

8. REMOVE POWER OUTLET SOCKET COVER

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

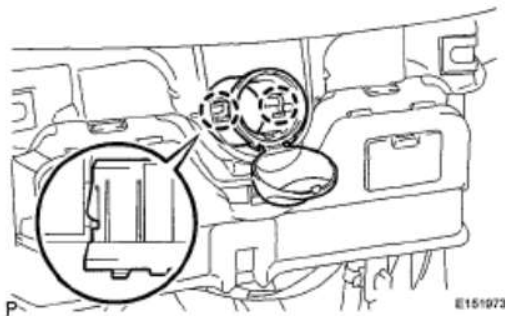


Fig. 13: Identifying Power Outlet Socket Cover Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

INSTALLATION**1. INSTALL POWER OUTLET SOCKET COVER**

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

2. INSTALL POWER OUTLET SOCKET ASSEMBLY

- a. Align the protrusion of the power outlet socket cover with the cutout of the lower instrument panel and then install the power outlet socket.

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Fig. 14: Installing Power Outlet Socket
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- b. Securely engage the claw.

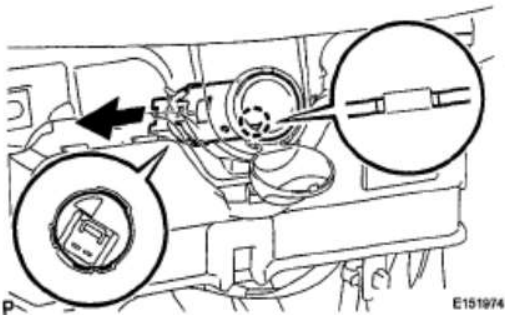


Fig. 15: Engaging Claw
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- c. Connect the power outlet socket connector.

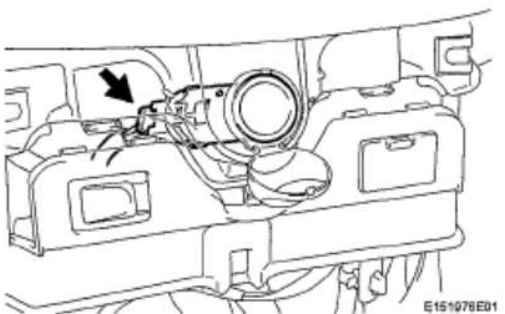


Fig. 16: Locating Power Outlet Socket Connector
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

- d. Engage the 6 claws and close the lower instrument panel.
3. **INSTALL FRONT CONSOLE BOX** (See **INSTALLATION**)
 4. **INSTALL REAR CONSOLE BOX SUB-ASSEMBLY** (See **INSTALLATION**)

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5. **INSTALL CONSOLE BOX CARPET** (See INSTALLATION)
6. **INSTALL REAR CONSOLE BOX COVER** (See INSTALLATION)
7. **INSTALL UPPER CONSOLE PANEL** (See INSTALLATION)
8. **INSTALL SHIFT LEVER KNOB SUB-ASSEMBLY (for Manual Transaxle)** (See INSTALLATION)

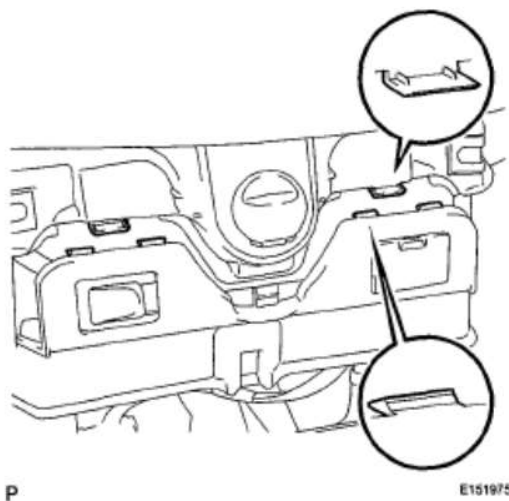


Fig. 17: Identifying Lower Instrument Panel Claws
Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.