

Part Number: PT398-07072

NOTE: Part number of this accessory may not be the same as the part number shown.

General Applicability

Avalon without Smart Entry

Conflicts

Do not install in vehicles with V5 security, or without a Factory Alarm System.

Recommended Sequence of Application

Item #	Accessory	Notes
1	Satellite Radio	
2	V2	
3	V4	

*Mandatory

Kit Contents

Item #	Quantity	Description
1	1	Wire Harness

Hardware Bag Contents

Item #	Quantity	Description
1	1	RES ECU
2	1	BUS ECU
3	1	ECU Mounting Bracket
4	1	Splicing Connector
5	1	Nut
6	6	Small Foam Tapes
7	25	Wire Ties
8	2	Window Labels
9	2	Key Tag
10	1	Shift Tag
11	2	Remote Control Key Label
12	1	Engine Area Caution Label
13	1	Owner's Manual

Additional Items Required For Installation

Item #	Quantity	Description






Vehicle Service Parts (may be required for reassembly)

Item #	Quantity	Description

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	(Optional)
Vehicle Protection	Blankets, Part Boxes
Special Tools	Notes
Installation Tools	Notes
Phillips Head Screwdriver	#2, screwdriver or tip
Socket	10 mm
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Pneumatic/Electric Wrench	
Side Cutters	
Torque Wrench	4.1 N-m (36 lbf-in)
Pliers	
Wrench	10 mm
Utility Knife	
Special Chemicals	Notes
Cleaner	VDC Approved Cleaner
Glass Cleaner	Household Windex

Legend

	STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.
	OPERATOR SAFETY: Use caution to avoid risk of injury.
	CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.
	TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.
	REVISION MARK: This mark highlights a change in installation with respect to previous issue.

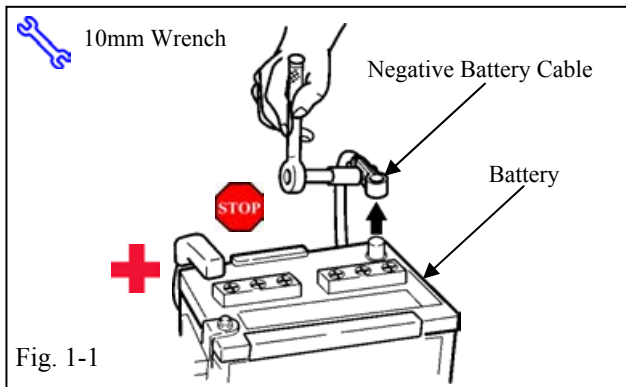
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation. These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document

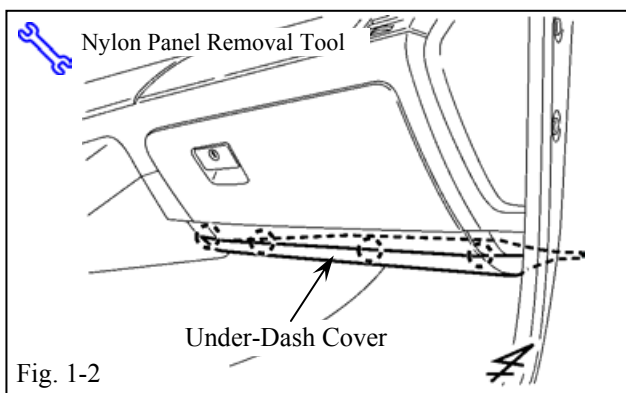
1. Vehicle Disassembly.



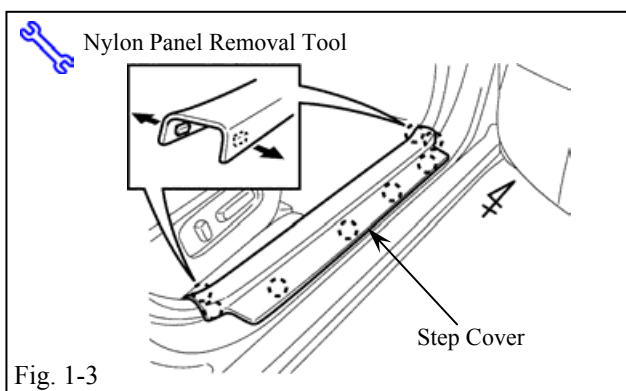
(a) Vehicles with Automatic Transmissions should be placed in Low Gear and have the Parking Brake set before disconnecting the Battery.

(b) Remove the Negative Battery Cable. (Fig. 1-1)

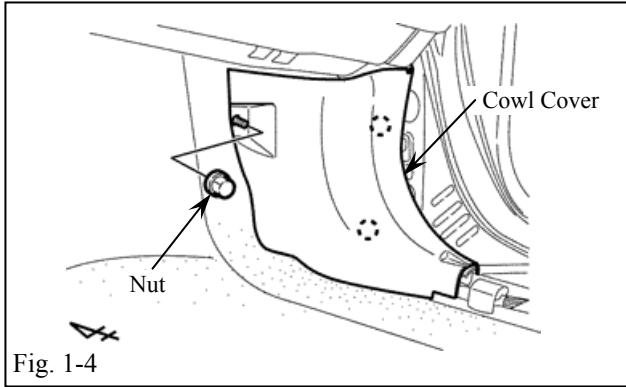
- (1) Protect the fender before starting.
- (2) Note the Battery Cable position, as it will be re-installed in the same position.
- (3) Avoid touching the Positive Battery Terminal.



(c) Remove the Glove Box Under-Dash Cover. (Fig. 1-2)

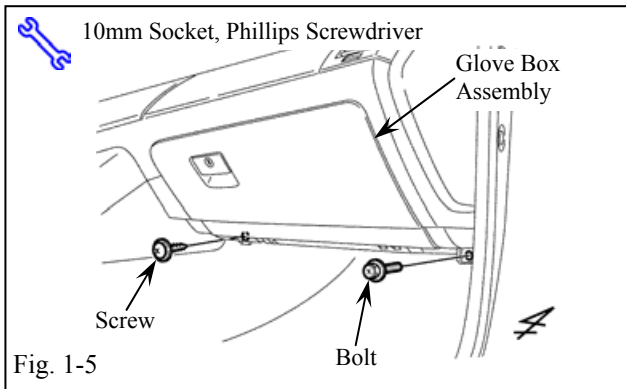


(d) Remove the Passenger's Step Cover. (Fig. 1-3)

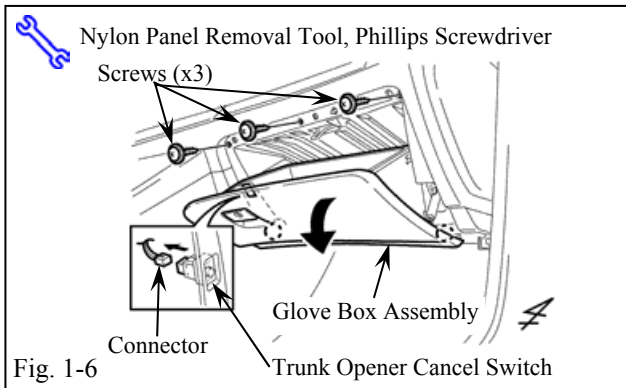


(e) Remove the Passenger's Cowl Cover.
(Fig. 1-4)

- (1) Remove 1 Nut.

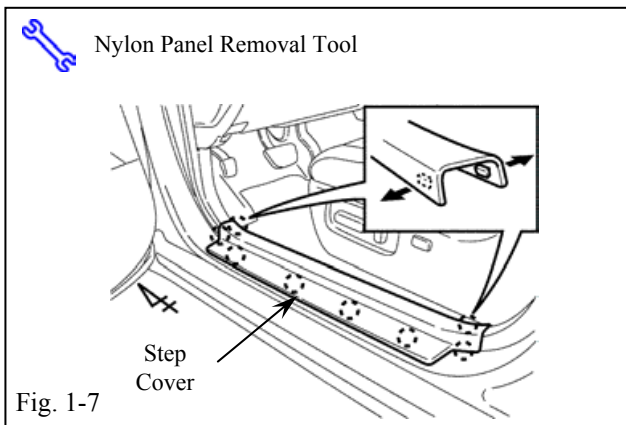


(f) Remove 1 screw and 1 bolt from the Glove Box Assembly. (Fig. 1-5)

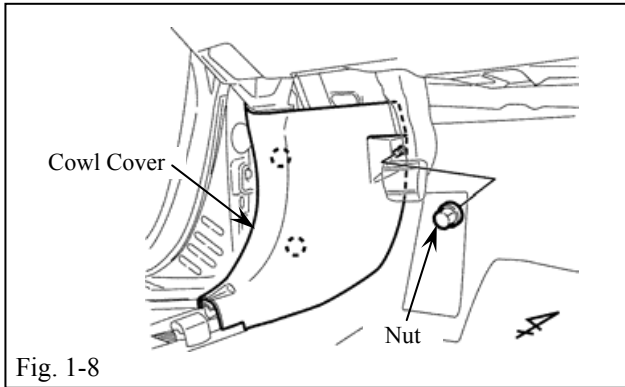


(g) Remove the Glove Box Assembly. (Fig. 1-6)

- (1) Open the Glove Box Door and remove 3 Screws securing the Glove Box Assembly.
- (2) Disconnect the Trunk Opener Cancel Switch from the Glove Box Assembly if equipped.



(h) Remove the Driver's Step Cover. (Fig. 1-7)



(i) Remove the Driver's Cowl Cover. (Fig. 1-8)

- (1) Remove 1 nut.

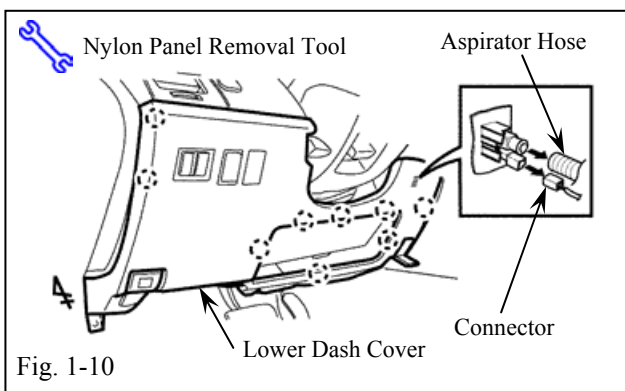


(j) Remove the Hood Release Cable. (Fig. 1-9)

- (1) Do not kink the Hood Release Cable.

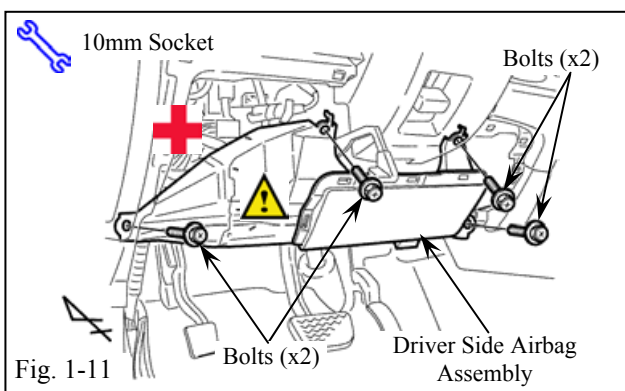
(k) Open the Screw Cover on the Lower Dash Cover.

- (1) Insert the tip of a Nylon Panel Removal Tool in the upper slot to loosen it. (Fig. 1-9)
- (2) Remove 1 Screw and 1 Bolt securing the Lower Dash Cover.



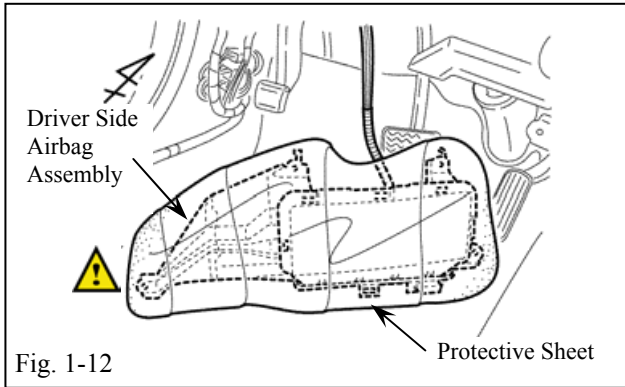
(l) Remove the Lower Dash Cover. (Fig. 1-10)

- (1) Disconnect the Temperature Sensor (Connector and Aspirator Hose) from the Lower Dash Cover if equipped.



(m) Carefully remove the Driver Side Airbag Assembly. (Fig. 1-11)

- (1) Remove 4 bolts.
- (2) Be careful not to get cut by the sharp metal edges.
- (3) Do not disconnect the Airbag Assembly.

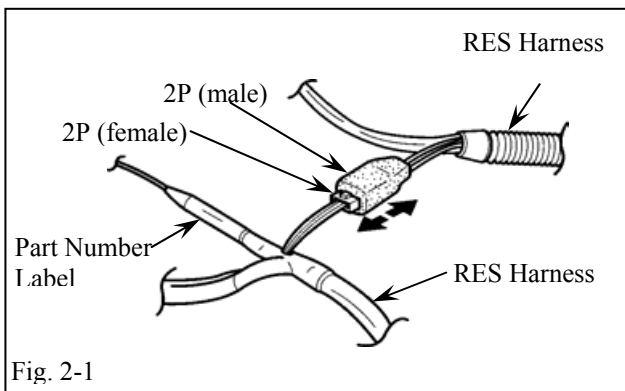


- (n) Use a protective sheet or blanket to completely wrap the Driver Side Airbag Assembly. Then place it over the V4 Kit Box on the floor. (Fig. 1-12)



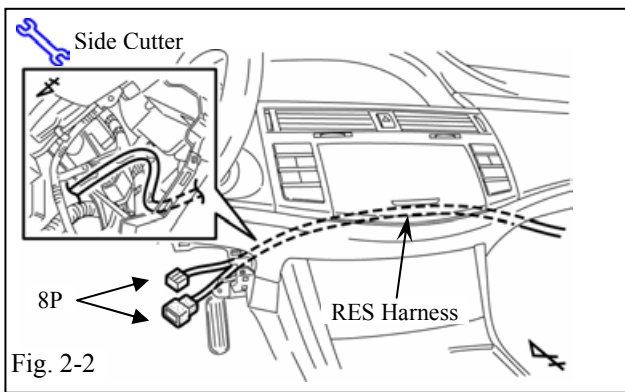
- (1) Take caution when handling the Driver Side Airbag Assembly.

2. RES Harness Installation.



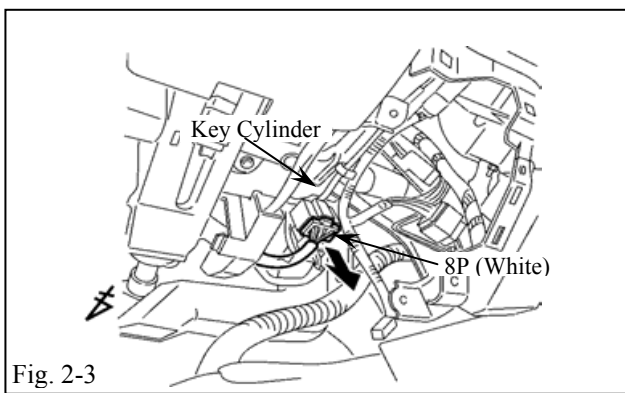
NOTE: The RES Harness as supplied in the Kit is composed of 2 separate Harnesses joined by a White 2P Foam Wrapped Connector.

- (a) Locate and disconnect the White 2P Connector on the RES Harness to separate the Harness Sections. (Fig. 2-1)

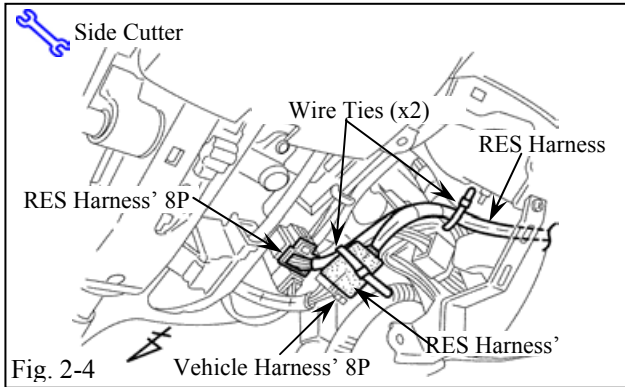


- (b) Starting with the two 8P Connectors on the Driver Side, route the portion of the RES Harness with the Relay through the Center Dash to the Glove Box Area. (Fig 2-2)

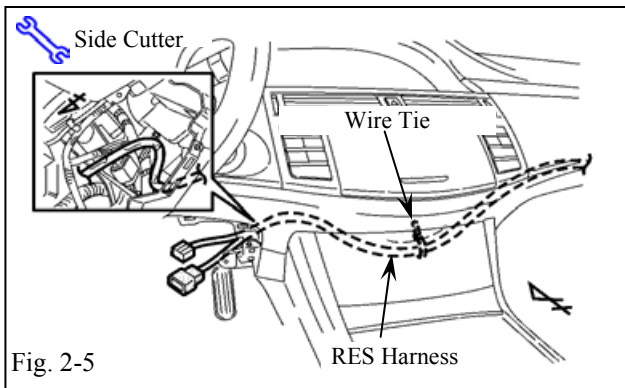
- (1) Be sure to route the RES Harness in front of the Brace as shown, on both sides of the Center Dash.



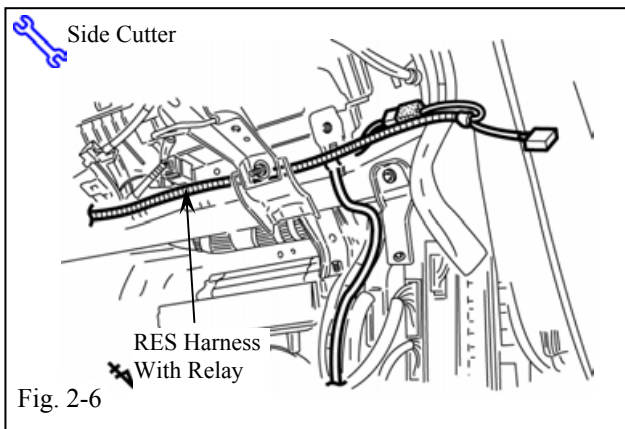
- (c) Locate and disconnect the White 8P Connector from the Ignition Switch Area. (Fig. 2-3)



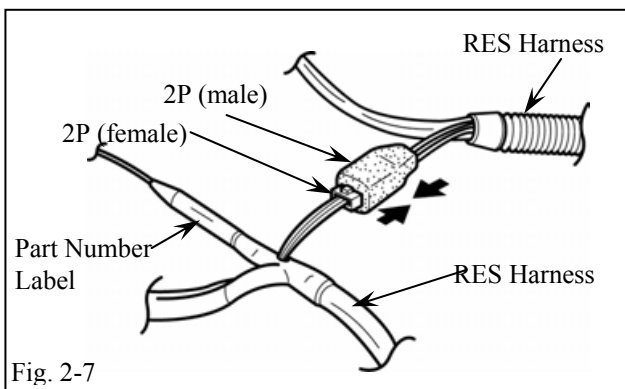
- (d) Plug in the RES Harness' White 8P Connectors between the Vehicle Harness' 8P Connector and the Ignition Switch. (Fig. 2-4)
 - (1) Verify the connectors are plugged in securely.



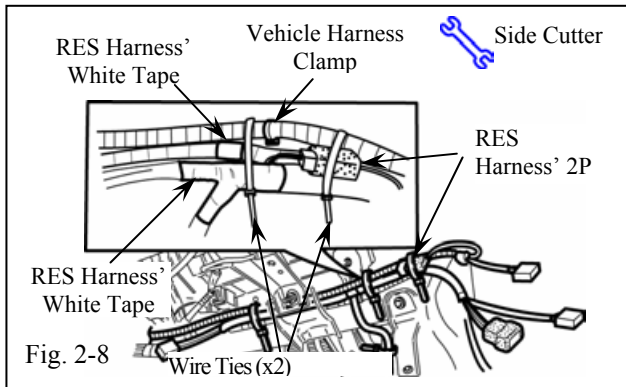
- (e) Secure the RES Harness to the Vehicle Harness with 1 Wire Tie, and secure the 8P Connector to the RES Harness with 1 Wire Tie. (Fig. 2-4)
- (f) Secure the RES Harness behind the Audio Unit, in the opening between the Heater Unit and Audio Unit, to the Vehicle Harness with 1 Wire Tie. (Fig. 2-5)



- (g) Route the RES Harness in the Glove Box Area over the Reinforcement Support Brace and above the GBS ECU Bracket, if equipped. (Fig. 2-6)



- (h) Reconnect the 2 sections of the RES Harness. (Fig. 2-7)

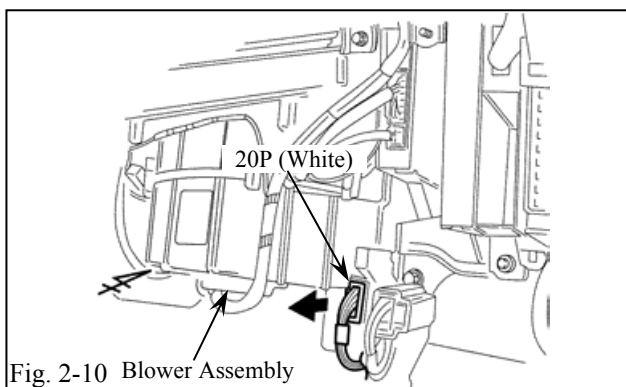
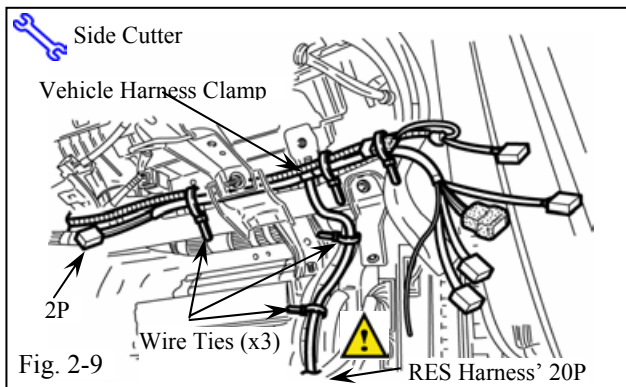


- (i) Locate the Vehicle Harness Clamp on the Reinforcement in the Glove Box Area. Secure the 2 White Taped Markers of the RES Harness next to the Vehicle Harness Clamp with 1 Wire Tie. (Fig. 2-8)
 - (1) Line up the RES Harness' White Tape Markers to the Vehicle Harness Clamp.

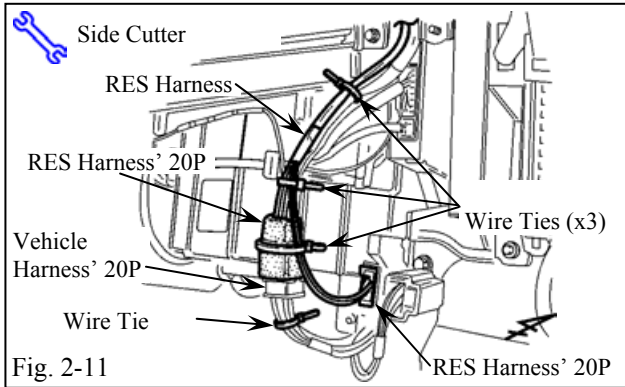


CAUTION: There are two 20P Connector Branches on the RES Harness. If they are switched, the RES will not program. The 20P Connector Branch that comes from the White-Taped Branch in Fig. 2-8 should be routed downward, as in Fig. 2-9.

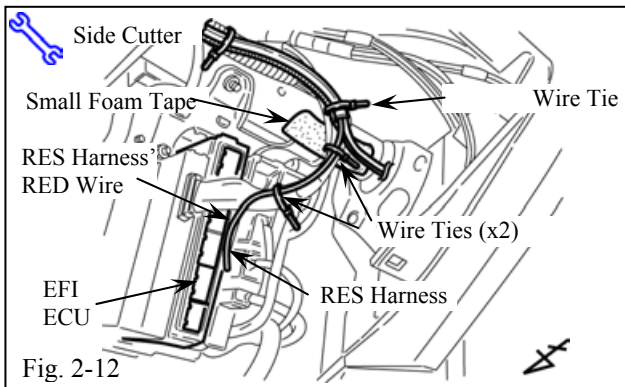
- (j) Secure the RES Harness' 2P Foam Wrapped Connectors to the Vehicle Harness with 1 Wire Tie. (Fig. 2-8)
- (k) Route the RES Harness' White 2P Connector, with the label, back toward the Center Console Area and above the GBS ECU bracket, if equipped. Secure the RES Harness to the Vehicle Harness with 1 Wire Tie. (Fig. 2-9)
- (l) Route the RES Harness' White 20P Connectors down toward the Blower Assembly Area. Secure the RES Harness to the Vehicle Harness with 2 Wire Ties. (Fig. 2-9)



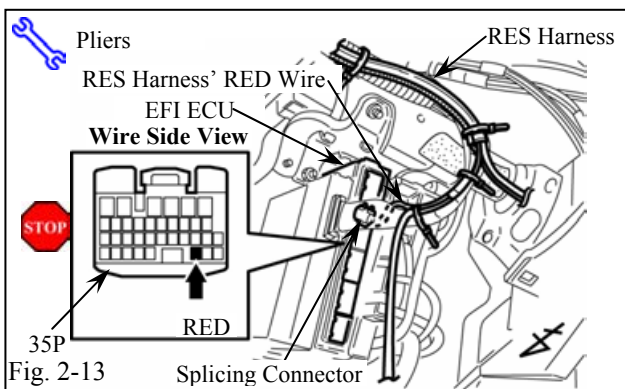
- (m) Locate and disconnect the Vehicle Harness' White 20P Connector on the right side of the Blower Assembly in the Glove Box Area. (Fig. 2-10)



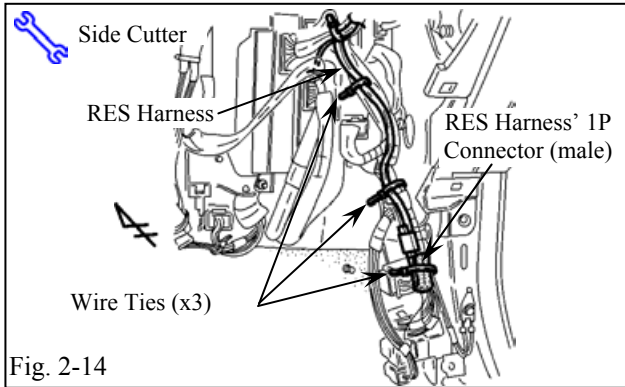
- (n) Plug in the RES Harness' White 20P Connectors between the Vehicle Harness' 20P Connector and the Connector Block. (Fig. 2-11)
- (o) Secure the 20P connector to the RES Harness with 1 Wire Tie. (Fig. 2-11)
- (p) Secure the RES Harness to the Vehicle Harness with 3 Wire Ties. (Fig. 2-11)
 - (1) Be sure the cut end of each Wire Tie is turned away from the Vehicle Harness.



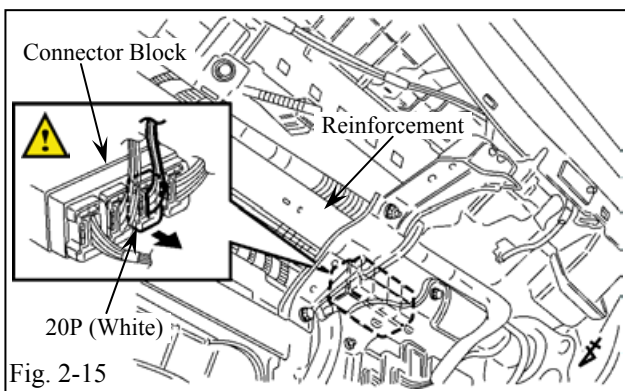
- (q) Place a Small Foam Tape over the Mounting Tab of the Reinforcement Brace as shown. Be sure the Bolt and Sharp Edges are covered. (Fig. 2-12)
- (r) Route and secure the RES Harness to the Vehicle Harness with 1 Wire Tie. (Fig. 2-12)
- (s) Route the RES Harness' RED Wire toward the EFI ECU, and secure the RES Harness to the Vehicle Harness with 2 Wire Ties. (Fig. 2-12)



- (t) Locate the EFI ECU's White 35P Connector's RED Wire. Attach the RES Harness' RED Wire with a Splicing Connector. (Fig. 2-13)
 - (1) Turn the connector so the wires face you and the tab is on top.
 - (2) Verify the correct wire is chosen for splicing.
 - (3) Verify the splicing connector is applied properly.

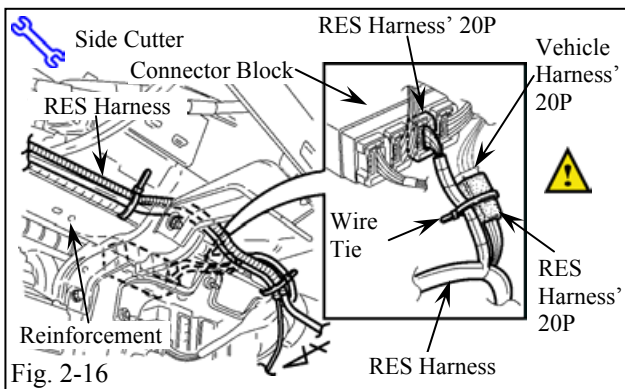


- (u) Route the RES Harness toward the Passenger Side Cowl Area. Secure the RES Harness and RES Harness' 1P Male Connector with 3 Wire Ties. (Fig. 2-14)



- (v) Locate the Connector Block above the Reinforcement in the Upper Right Side of the Glove Box Area. Disconnect the White 20P Connector, third space from the left. (Fig. 2-15)

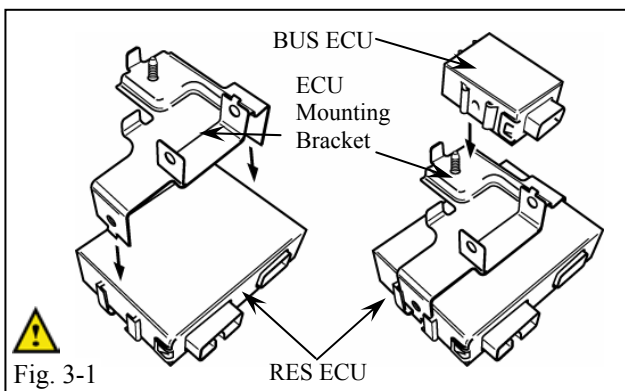
- (1) Use the correct 20P connector because other connectors in the connection block will fit the RES harness.



- (w) Plug in the RES Harness' White 20P Connectors between the Vehicle Harness' 20P Connector and the Connector Block, then secure the 20P Connectors to the RES Harness with 1 Wire Tie. (Fig. 2-16)

- (1) Verify Connectors are plugged in securely.

3. RES ECU and BUS ECU Preparation and Installation.

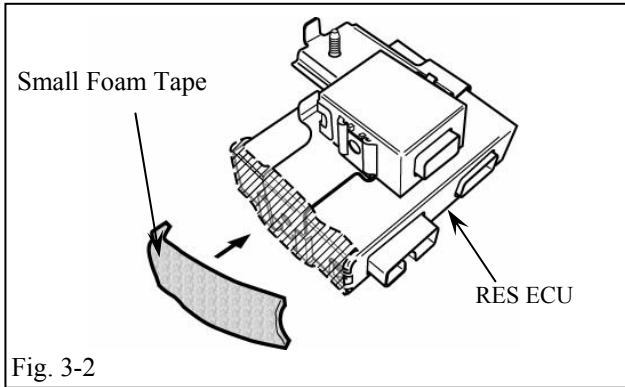


- (a) Insert the ECU Mounting Bracket into the indicated Bracket Slots on the RES ECU, then insert the BUS ECU into the indicated slot on the mounting bracket. (Fig. 3-1)

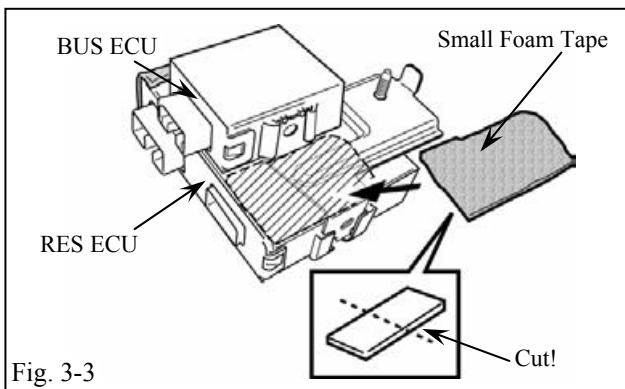
- (1) Insert the Mounting Bracket into the correct ECU's slot.

CAUTION: The bracket is permanently attached once installed.

- (2) Ensure the bracket is firmly attached to each ECU.

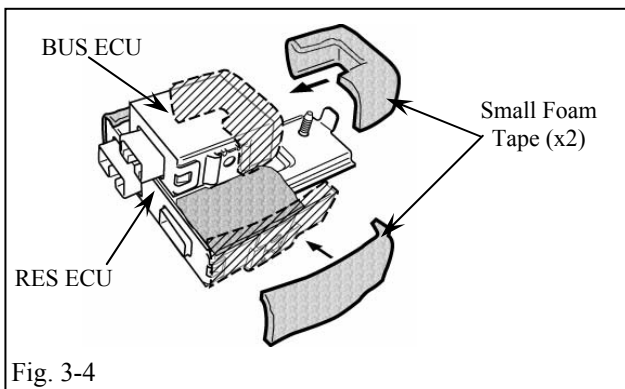


(b) Apply 1 Small Foam Tape to the edge of the RES ECU as shown. (Fig. 3-2)



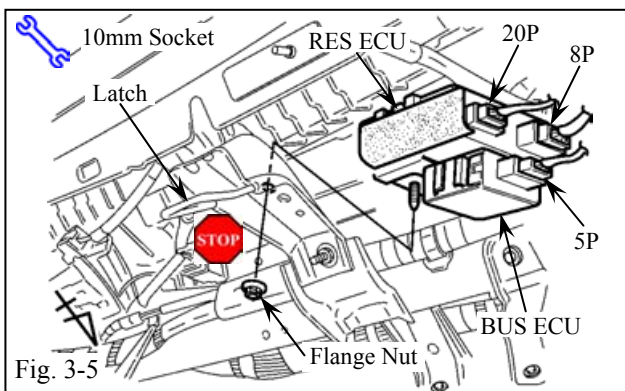
(c) Cut 1 Small Foam Tape into 2 pieces. Attach 1 piece on top of the bracket as shown. (Fig. 3-3)

(1) Discard the other piece of foam tape that was cut.



(d) Apply 1 Small Foam Tape to the edge of the BUS ECU as shown. (Fig. 3-4)

(e) Apply 1 Small Foam tape to the edge of the RES ECU as shown. (Fig. 3-4)

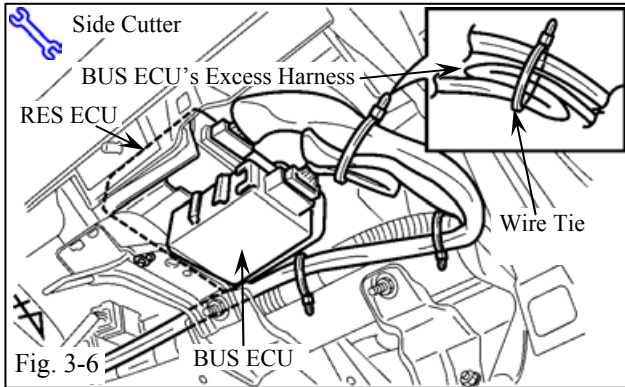


(f) Connect the RES Harness' White 20P, White 8P, and White 5P connectors to the RES ECU and BUS ECU. (Fig. 3-5)

(g) Locate the hole in the Brace in the upper section of the Glove Box Area. Secure the RES ECU and BUS ECU to the brace with the Flange Nut supplied in the Kit. (Fig. 3-5)

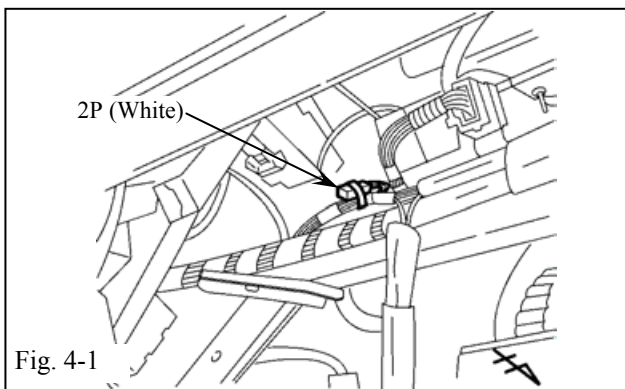
(1) Verify the Flange Nut is tightened and secured.





- (h) Secure the excess Harness of the RES Harness' White 5P Connector Branch to the RES Harness with 1 Wire Tie near the BUS ECU. (Fig. 3-6)

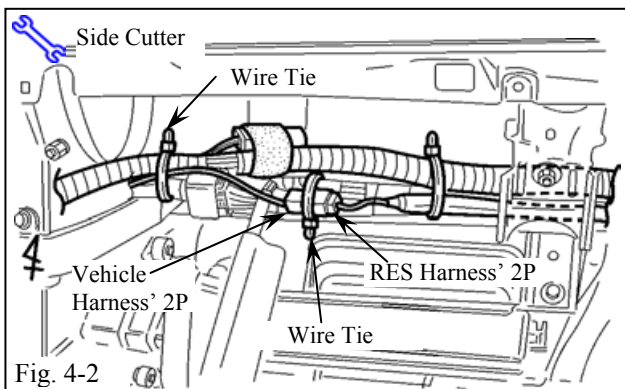
4. RES Harness Installation.



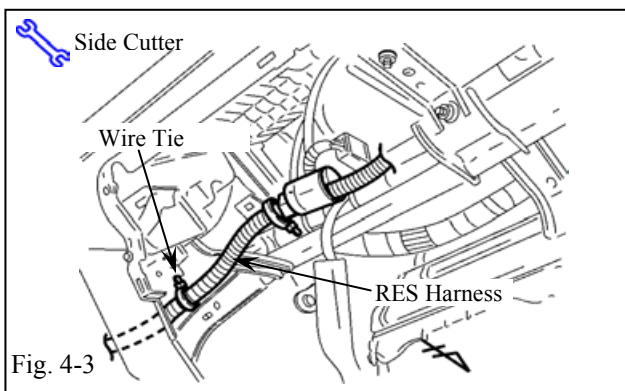
- (a) Locate and remove the Tape securing the Vehicle Harness' White 2P Connector to the GBS Connector Wiring from the left side of the Glove Box Area. (Fig. 4-1)



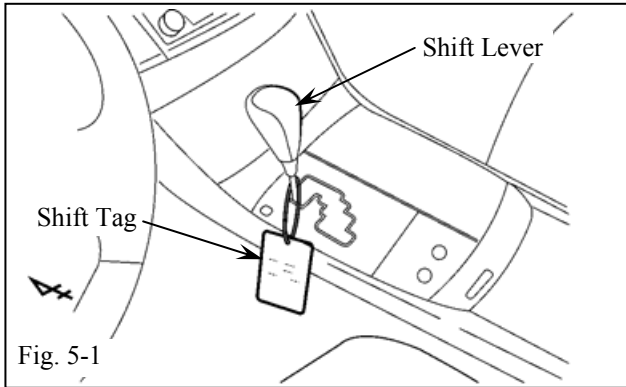
NOTE: For vehicles not equipped with GBS, ensure that the GBS Connector Wiring remains secured to the vehicle harness.



- (b) Plug in the RES Harness' White 2P Connector to the Vehicle Harness' White 2P Connector. Secure the 2P Connector to the Vehicle Harness with 1 Wire Tie. (Fig. 4-2)
 - (1) Verify the Connectors are plugged in securely.
- (c) Secure the RES Harness with the Relay to the Vehicle Harness with 1 Wire Tie near the Relay in the Glove Box Area. (Fig. 4-2)

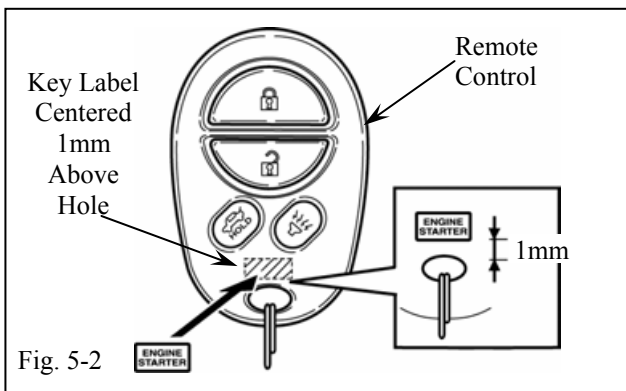


- (d) Secure the RES Harness to the Vehicle Harness with 1 Wire Tie in the Center Console Area in front of the Brace. (Fig. 4-3)



5. Tags and Labels Installation.

(a) Hang the Shift Tag on the Shift Lever.
(Fig. 5-1)



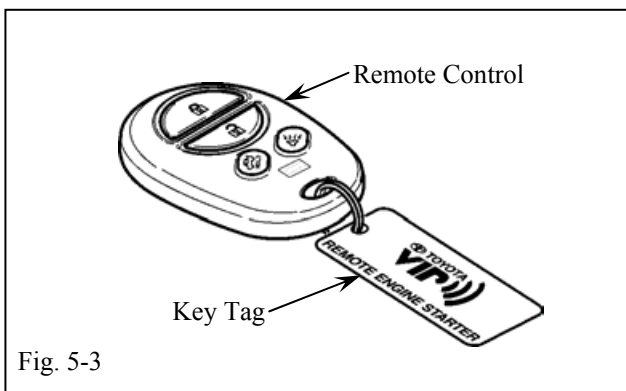
(b) Remove the Remote Controls from their Protective Bag. With the Utility Knife, neatly cut a slit to open the Bag. (Fig. 5-2)

(c) Using the VDC approved cleaner and cleaning method, clean the area indicated on the Remote Controls. (Fig. 5-2)

(d) Remove the Backing Sheets and attach the Key Labels to the Remote Controls as shown. (Fig. 5-2)

(1) Use a piece of Clean Adhesive Tape to lift the label off its Protective Backing Sheet.

(2) Do not touch the Label's Adhesive Surface.



(e) Attach the Key Tag to the Remote Controls Key Ring. (Fig. 5-3)

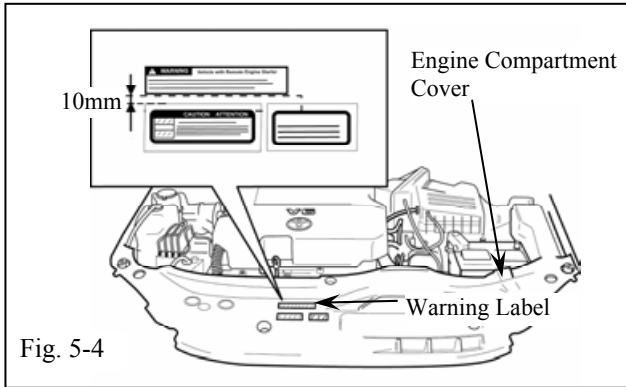


Fig. 5-4

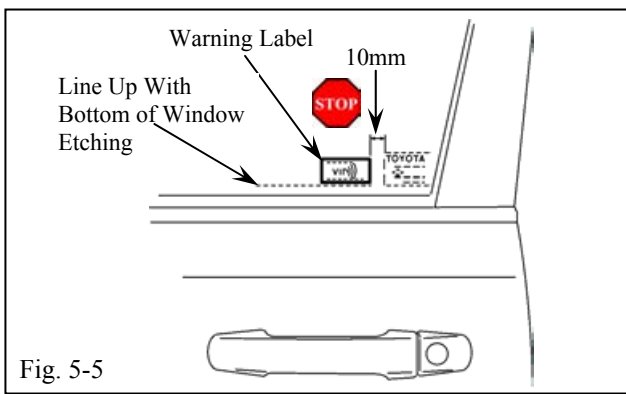


Fig. 5-5

- (f) Using VDC approved cleaner and cleaning method, clean the area indicated on the Engine Compartment Cover as shown. (Fig. 5-4)
- (g) Remove the Backing Sheet and attach the Warning Label to the Engine Compartment Cover 10mm above the Vehicle Label's Placement Box. Do not touch the Label's Adhesive Surface. (Fig. 5-4)

- (h) Using Household Windex, clean the inside surface of the Front Door Windows. (Fig. 5-5)
 - (1) When cleaning with Household Windex, follow the Manufacturer's Directions.
- (i) Place the window labels on the inside surface of the front door's windows as shown. (Fig. 5-5)
 - (1) Use a piece of clean adhesive tape to lift the labels off their protective backing sheet.
 - (2) Do not touch the Labels' Adhesive Surface.
- (j) Place the Owner's Manual, left in its Protective Bag, in the Glove Box.

6. Partial Reassembly.

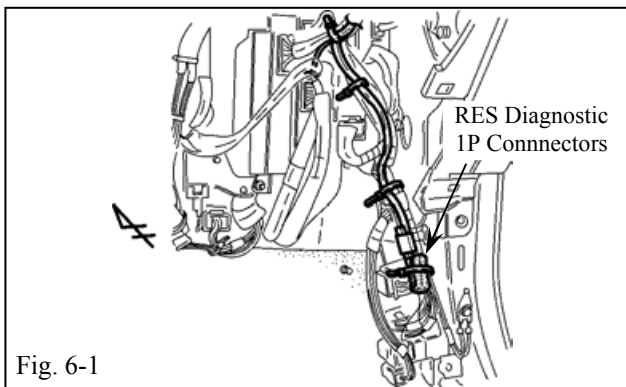
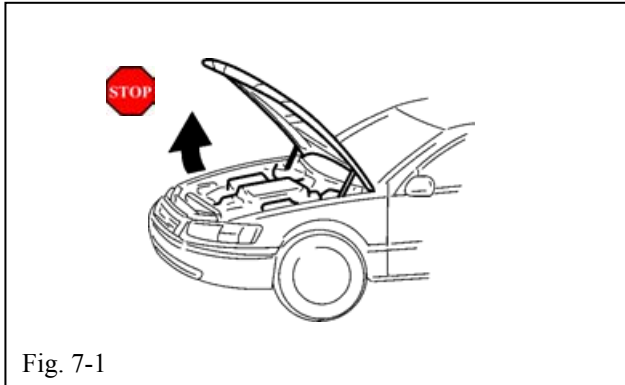


Fig. 6-1

- (a) Reassemble the Vehicle, except for the Passengers Cowl Cover, and Step Cover. (Fig. 6-1)
 - (1) Reconnect any disconnected Connectors.
 - (2) Verify the Panels fit together properly with no uneven gaps between them.
- (b) Clean up and remove any Trash.

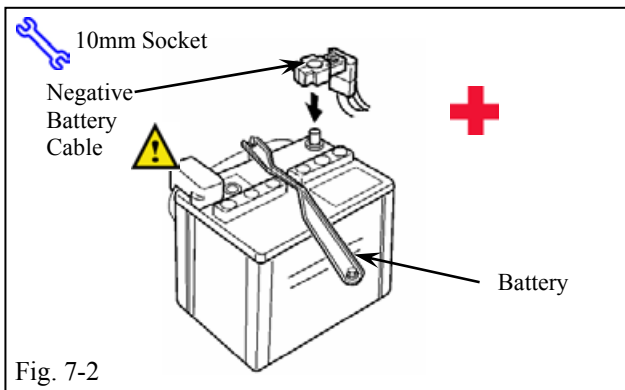
7. IMMOBILIZER Setting Procedure.



(a) Open the Hood. (Fig. 7-1)



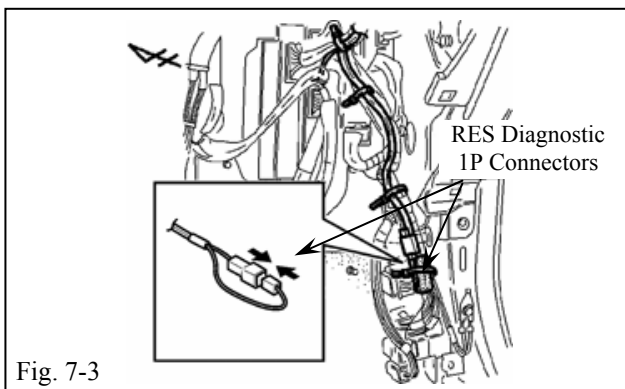
(1) Do not close the Hood during the IMMOBILIZER Setting Procedure



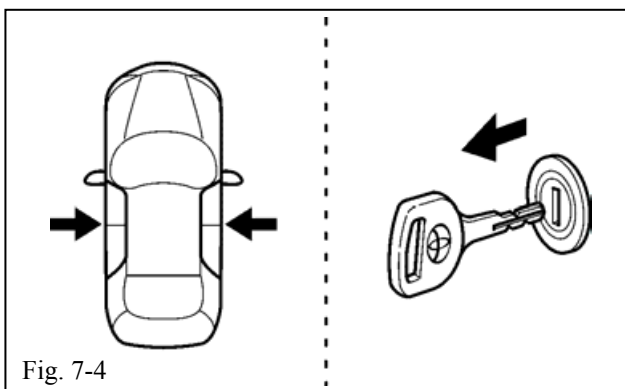
(b) Temporarily reconnect the Vehicle's Negative Battery Cable. (Fig. 7-2)



DO NOT TOUCH THE POSITIVE BATTERY TERMINAL.

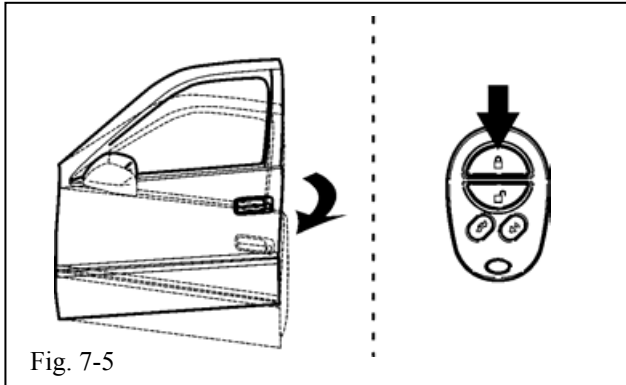


(c) Locate and disconnect the Tape securing the V4 Harness's 1P RES Diagnostic Connectors in the Passengers Side Cowl Area and connect them. (Fig. 7-3)



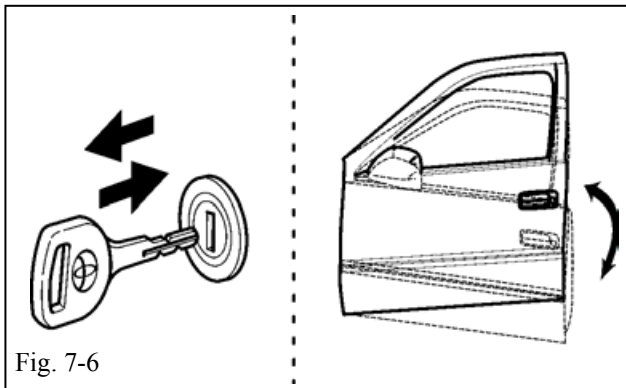
(d) Close all Doors. (Fig. 7-4)

(e) Insert the Master (BLACK) Key into the Ignition Switch and turn it to the "ON" position. Then turn it to the "OFF" position and remove the Key from the Ignition Switch. (Fig. 7-4)



(f) Open the Driver's Door. Using the Remote Control, press the Lock Button twice within 2 seconds. (Fig. 7-5)

(g) Press and hold the Lock Button for 4 Seconds. (Fig. 7-5)



(h) Insert the Key into the Ignition Switch, and remove it 6 times. Then insert and leave the key in the ignition switch. (Fig. 7-6)

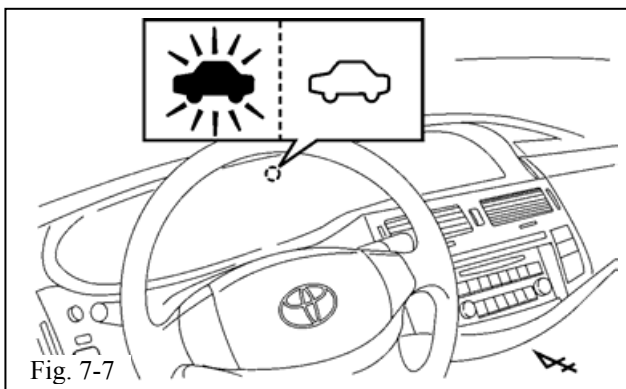
(1) Complete this step within 20 seconds of opening the driver's door.

(i) Close the Driver's Door, then open and close the Driver's Door 7 times. (Fig. 7-6)

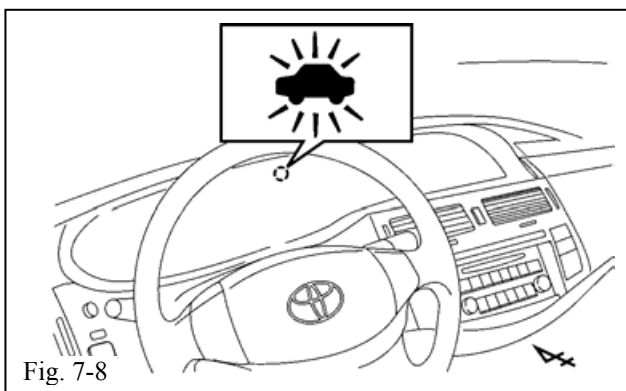
(1) Complete these steps within 35 seconds, with the Driver's Door closed when finished.

(2) If you fail this procedure or exceed 35 seconds during programming steps, the IMMOBILIZER SYSTEM will not set. Start again from the Step b.

NOTE: Registration confirmation continued on next page.

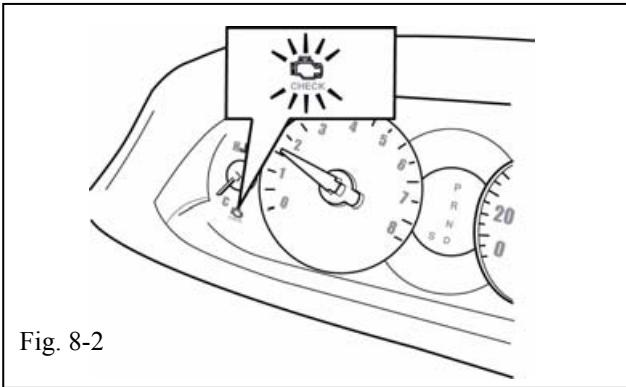
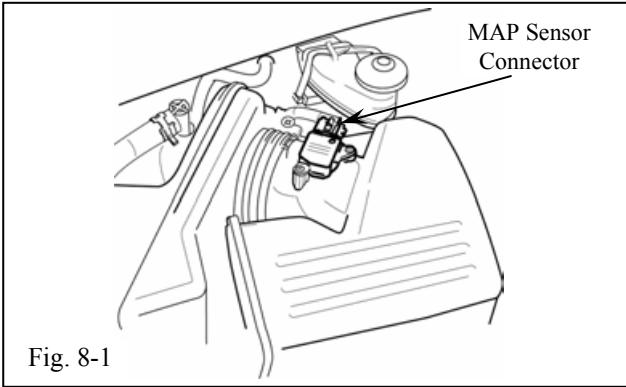


(j) After the REGISTRATION process has been completed successfully the LED will light up for 1 second then turn off. (Fig. 7-7)



(k) After the light is off for 1 second, the LED should light up again and stay on until the key is removed from ignition. (Fig. 7-8)

NOTE: If the LED does light up the IMMOBILIZER SYSTEM is not set. Disconnect the Vehicle's Negative Battery Cable and the 1P RES Diagnostic Connectors and Start again from Step b.



8. Check Engine Light Connection Verification and Resets.

- (a) With the Ignition in the “ON” position, disconnect the MAP Sensor Connector located on the Air Intake on the Engine. (Fig. 8-1)
- (b) Reconnect the MAP Sensor Connector. (Fig. 8-1)
- (c) Use the Ignition Key or the Power Button to start the Engine.
- (d) Confirm that the “Check Engine” light remains on with the Engine running. (Fig. 8-2)
- (e) Turn off the Engine.
- (f) Using the Remote Control, press the Lock Button twice within 2 seconds, then press and hold the Lock Button for 3 seconds to Remote Start the Vehicle.
- (g) Confirm that the Engine shuts down when the “Check Engine” light turns back on. (Fig. 8-2)
 - (1) If the Engine does not shut down, verify that the splicing connector of the RED Wire from figure 2-13 was correctly attached.

9. Completing the Installation

(a) Complete the reassembly of the vehicle.



- (1) Verify the panels fit together properly, with no uneven gaps.

(b) Disconnect the Battery for at least 10 seconds to clear the “Check Engine” light, then reconnect the Vehicle’s Negative Battery Cable. (Fig. 9-1)

- (1) Position the Negative Battery Cable at the original factory position.
- (2) Tighten the nut to 36 in•lbf (40.67 n•cm).
- (3) Avoid touching the Positive Battery Terminal.

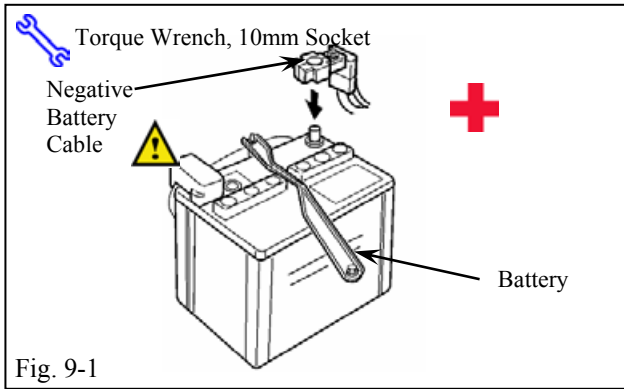


(c) Reset the Power Windows.

- (1) Turn the Ignition Key to the “ON” position.
- (2) Push down the Power Window Switches of each door, and lower the Windows halfway.
- (3) Pull up the Switches until the Windows close and hold the Switches up for a minimum of 1 second.

(d) Reset the Power Moon Roof.

- (1) Push and hold the Moon Roof Switch until the Moon Roof closes. Hold for an additional 2 seconds.



Check:

Look For:

Accessory Function Checks

Function

Fit the appropriate fuse before beginning.

Close the hood, place the shift lever in the "P" (parking) position, set the parking brake, remove the key from the ignition, close all doors, and exit the vehicle.

- Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds.
- Press the remote control's unlock button.
- Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. With the engine running, press and hold the remote control's lock button 2 seconds.
- Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. Unlock the doors with the key.

1. The hazard lights flash after 3 seconds.
The engine starts.
The hazard lights flash repeatedly for 20 seconds.
2. The engine stops.
The hazard lights flash twice.
3. Refer to Step 1.
The engine stops.
The hazard lights flash once.
4. Refer to Step 1.
The engine stops.
The hazard lights flash once.

Check:

Enter the vehicle and close all doors.

Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. With the engine running, manually unlock any door with the inside lock switch.

Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. With the engine running, pull the hood release handle.

Exit the vehicle, close the hood, then enter the vehicle and close all doors.

Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. With the engine running, push on the foot brake.

Look For:

5. Refer to Step 1.
The engine stops.
The hazard lights flash once.
The security alarm triggers.

6. Refer to Step 1.
The engine stops.
The hazard lights flash once.
The security alarm triggers.

7. Refer to Step 1.
The engine stops.
The hazard lights flash once.

Check:

- Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. With the engine running, insert the key into the ignition switch.

- Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine. Step on the gas pedal until engine speed exceeds 3000 RPM.

- Move the shift lever from "P" (parking) to another position. Press the remote control's lock button twice within 2 seconds, then press and hold the lock button 3 seconds to start the engine.

Look For:

- 8. Refer to Step 1.
The engine stops.
The hazard lights flash once.

- 9. Refer to Step 1.
The engine stops.
The hazard lights flash once.

- 10. The engine does not start.

Check:

Look For:

Vehicle Function Checks

- Head Lights
- High Beams
- Turn Signal Lights
- Tail Lights
- Stop Lights
- Backup Lights
- Hazard Lights
- Marker Lights
- Dome/Courtesy Lights
- Panel/Switch Illumination
- Accessory Controls/Illumination (if equipped)
- Key Sensor Buzzer
- Fog Lights (if equipped)
- Daytime Running Lights (if equipped)
- Trunk/Tailgate/Bed Lights (if equipped)
- Glove Box Light (if equipped)
- Cruise Control Light (if equipped)

- Functioning Head Lights
- Functioning High Beams
- Functioning Turn Signal Lights
- Functioning Tail Lights
- Functioning Stop Lights
- Functioning Backup Lights
- Functioning Hazard Lights
- Functioning Marker Lights
- Functioning Dome/Courtesy Lights
- Functioning Controls/Illumination
- Functioning Accessory
- Functioning Key Sensor
- Functioning Fog Lights
- Functioning DR Lights
- Functioning Lights
- Functioning Glove Box Light
- Functioning Cruise Control Light

Check:

- Seat Belt Warning Light

- Air Bag Warning Light

- ABS Light (if equipped)

- Lamp Failure Sensor (if equipped)

- Track/Skid Control Light (if equipped)

- HVAC
- Power Locks (if equipped)
- Power Windows (if equipped)
- Power Seats (if equipped)
- Horn
- Gauges
- Front Wiper/Washer
- Rear Wiper/Washer (if equipped)
- Clock (if equipped)
- Accessory Power Socket (if equipped)
- Starter

Look For:

- Functioning Seat Belt Warning Light. If the warning light remains on, it may indicate a system malfunction.

- Functioning Air Bag Warning Light. If the warning light remains on, it may indicate a system malfunction.

- Functioning ABS Light. If the warning light remains on, it may indicate a system malfunction.

- Functioning Lamp Failure Light. If the warning light remains on, it may indicate a system malfunction.

- Functional Track/VSC Light. If the warning light remains on, it may indicate a system malfunction.

- Functioning HVAC Controls
- Functioning Power Locks
- Functioning Power Windows
- Functioning Power Seats
- Functioning Horn
- Functioning Gauges
- Functioning Front Wiper/Washer
- Functioning Rear Wiper/Washer
- Functioning Clock
- Functioning Power Socket
- Functioning Starter

Check:

- Audio/Video (if equipped)
- Power Sliding Door (if equipped)
- Convenience Memory Settings (if equipped)
- Heated Seats (if equipped)
- Massage Seats (if equipped)
- Rear Window Defogger (if equipped)
- Power Side Mirrors (if equipped)
- Side Mirror Defogger (if equipped)
- Front Windshield Defogger (if equipped)
- Navigation System (if equipped)
- Rear Sunshade (if equipped)

Remove the appropriate fuse after checks are completed.

Look For:

- Functioning Audio/Video
- Functioning Power Sliding Door
- Functioning Memory Settings
- Functioning Heated Seats
- Functioning Massage Seats
- Functioning Rear Window Defogger
- Functioning Power Side Mirrors
- Functioning Side Mirror Defogger
- Functioning Front Windshield Defogger
- Functioning Navigation System
- Functioning Rear Sunshade