

Part Number: 08586-3T950

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

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Wire Harness
2	1	RES ECU
3	1	BUS ECU
4	1	ECU Mounting Bracket (A)
5	1	ECU Mounting Bracket (B)
6	1	Butyl Tape

Special Chemicals	Notes
Cleaner	VDC Approved Cleaner
Glass Cleaner	Household Windex

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	Splicing Connector (not used)
2	4	Nut
3	8	Foam Tapes
4	30	Wire Ties
5	2	Window Labels
6	2	Key Tag
7	1	Shift Tag
8	2	Key Label (For Remote Control Key)
9	1	Caution Label (For Engine Compartment)
10	1	Owner's Guide

General Applicability

Note: Camry with Smart Key, and automatic transmission only.

Recommended Sequence of Application

Item #	Accessory	
1	V4/V2/V5	Security
2	Satellite Radio	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description

Additional Items Required For Installation

Item #	Quantity Req'd.	Description

Conflicts

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Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	(Optional)
Vehicle Protection	Blankets, Part Boxes
Special Tools	Notes
Scan Tool and Software Card	01001271 with Version 13.3 Software (or later)
Wiring Terminal Tool	IADS #: ALL 02-016-03
Installation Tools	Notes
Phillips Screwdriver	#2, screwdriver or tip
Flatblade Screwdriver	Jewelers
Socket	10mm
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Side Cutters	
Torque Wrench (for battery)	36 in•lbf (4.07 N•m)
Utility Knife	
Tape	Clear

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.

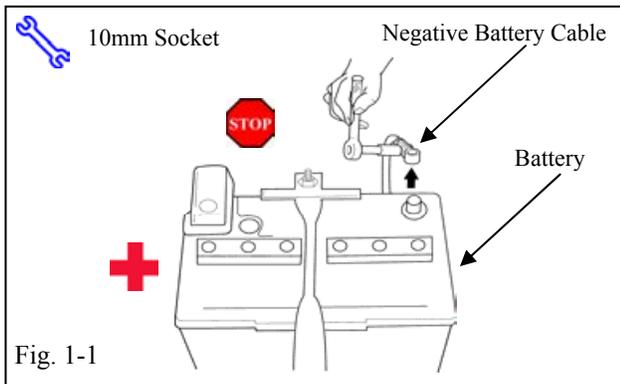
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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) Place the Vehicle in Park and set the Parking brake.

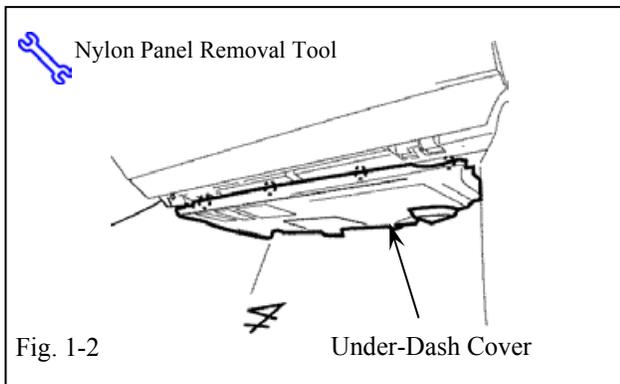
(b) Remove the Negative battery cable.
(Fig. 1-1)



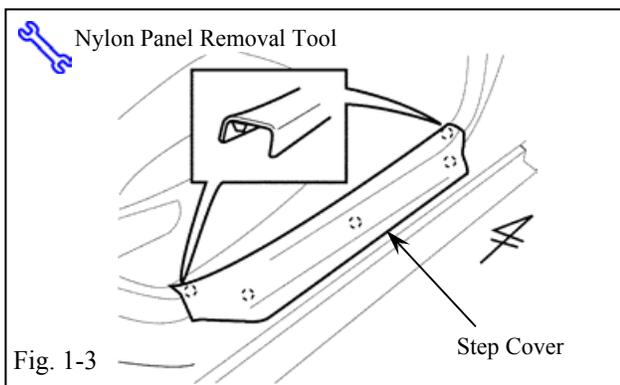
- (1) Protect the Fender before starting.
- (2) Note the Battery cable position, as it will be re-installed in the same position.



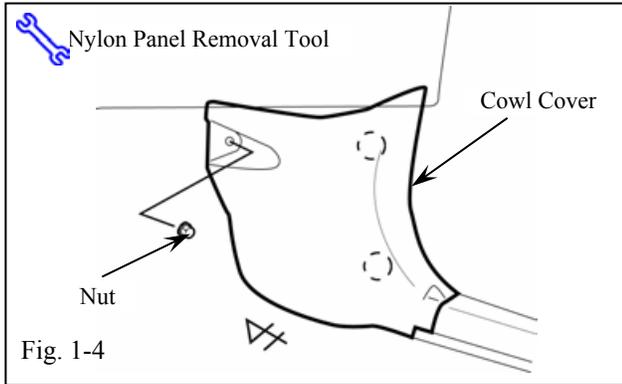
Caution: Do not touch the Positive battery terminal.



(c) Remove the Glove box under dash cover.
(Fig. 1-2)

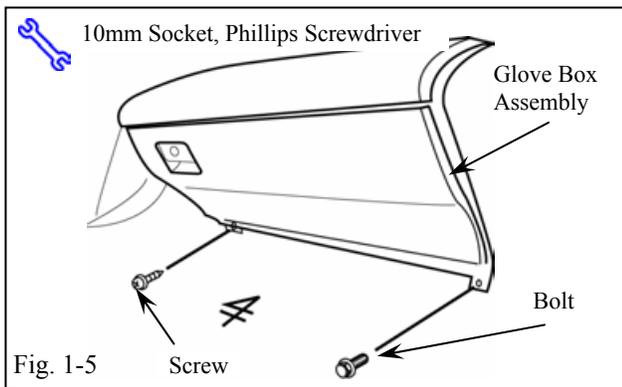


(d) Remove the Passenger's step cover.
(Fig. 1-3)

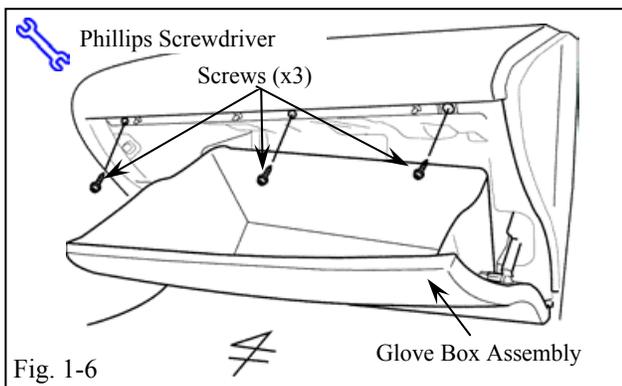


(e) Remove the Passenger's cowl cover.
(Fig. 1-4)

(1) Remove 1 Nut.



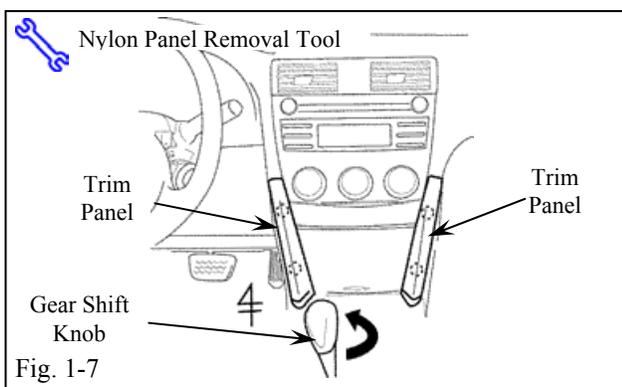
(f) Remove 1 Screw and 1 Bolt from the Glove box assembly. (Fig. 1-5)



(g) Open the Glove box assembly. (Fig. 1-6)

(1) Remove 3 Screws.

(2) Disconnect any Connectors.



(h) Confirm that the Emergency brake is set.

(i) Move the Shifter to the "D" position.

(j) Remove the Left and Right side Trim panels from the Center cluster. (Fig. 1-7)

(k) Remove the Shift knob. (Fig. 1-7)

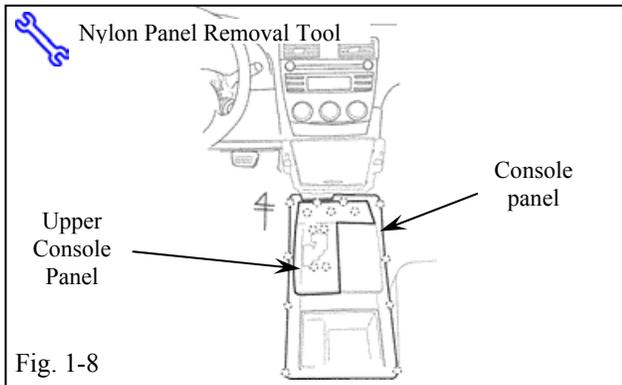


Fig. 1-8

(l) Loosen the Upper panel of the Floor console panel. (Fig. 1-8)

(1) Disconnect any Connectors from the Console panel.

(m) Loosen the Console panel. (Fig 1-8)



CAUTION: Place a protective sheet underneath the center console panel after it is loosened.

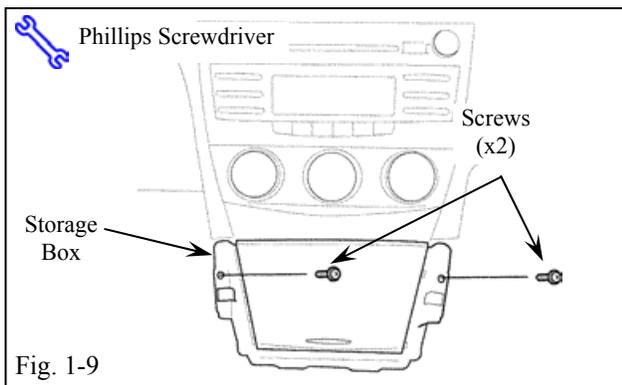


Fig. 1-9

(n) Remove the Center console map box. (Fig. 1-9)

(1) Remove 2 screws.

(2) Disconnect any connectors.

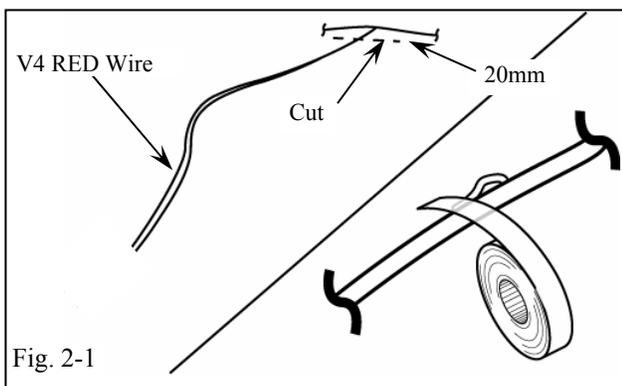


Fig. 2-1

2. V4 Hareness Preperation

(a) Locate the V4 RED Wire. (Fig. 2-1)

(b) Cut the RED Wire 20mm from where it branches off of the V4 Harness. (Fig. 2-1)

(c) Use Electrical Tape to secure the end of the RED Wire to the V4 Harness. (Fig. 2-1)

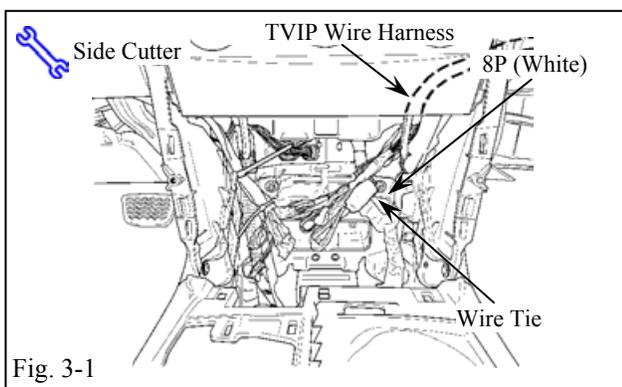
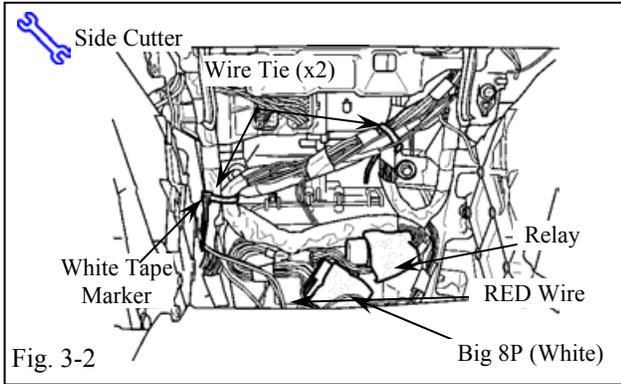


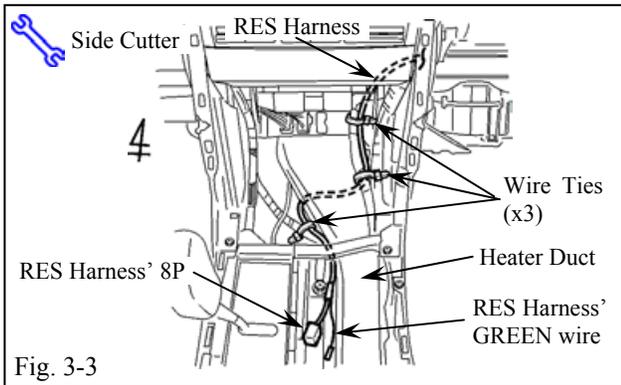
Fig. 3-1

3. V4 Harness Installation.

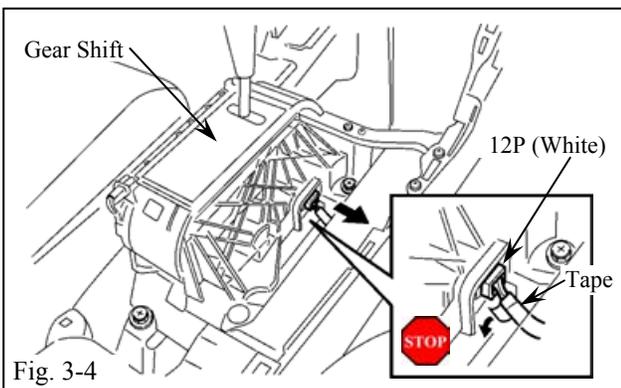
(a) Route the portion of the V4 Harness containing the White 8P Connectors, Relay, Fuse, 8P Connector (include the Empty Female Connector) and Female Terminal Green Wire from the Glove box area into the Center console area. (Fig. 3-1)



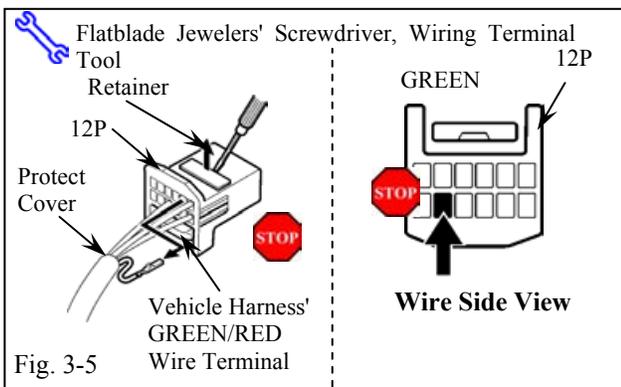
- (b) Locate the White Tape Marker on the V4 Harness. Secure it to the left side of the Vehicle harness in the Center console area with 1 Wire Tie. (Fig. 3-2)
- (c) Secure TVIP Harness to the Vehicle Harness with 1 Wire Tie on the right side of the Vehicle harness. (Fig. 3-2)



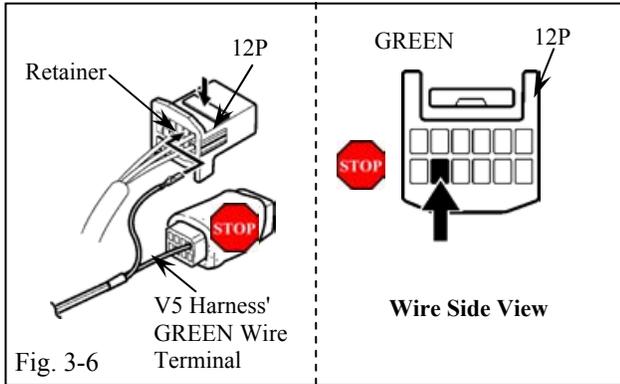
- (d) Route the V4 Harness' 8P (connected empty female connector) and GREEN Wire toward the Gear shift area. Secure the V4 Harness to the Vehicle harness with 3 Wire Ties. (Fig. 3-3)



- (e) Locate and disconnect the 12P Connector from the Gear shift area, then pull back the tape covering on the 12P Connector harness approximately 20mm. (Fig. 3-4)

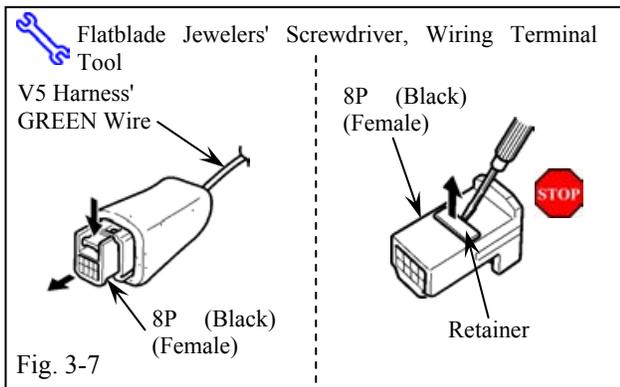


- (f) Use a Small Jeweler's Screwdriver lift up the Terminal retainer on the 12P Connector. (Fig. 3-5)
 - (1) Do not pull out the retainer.
- (g) Locate the GREEN Wire in the 12P Connector. Using a pick (or wiring terminal tool (PPO)), release and pull out the terminal for the GREEN wire. (Fig. 3-5)
 - (1) Turn the connector so the wires face you and the tab is on top.



(h) Insert the terminal at the end of the V4 Harness' GREEN Wire into the 12P Connector, and close the Terminal retainer. (Fig. 3-6)

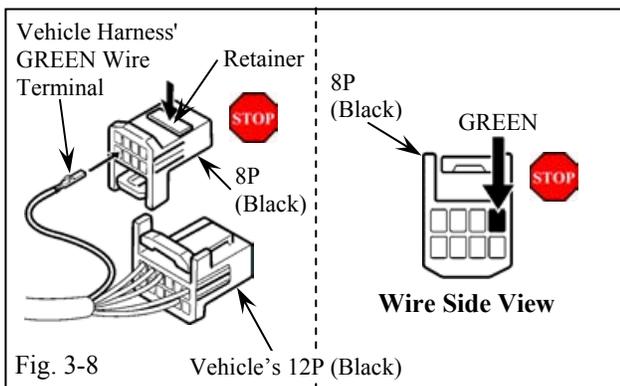
- (1) Verify the correct opening is chosen.
- (2) The terminal should not come out when pulled lightly. If it comes out push it in further.



(i) Disconnect the Empty 8P Female Connector from the V4 Harness. (Fig. 3-7)

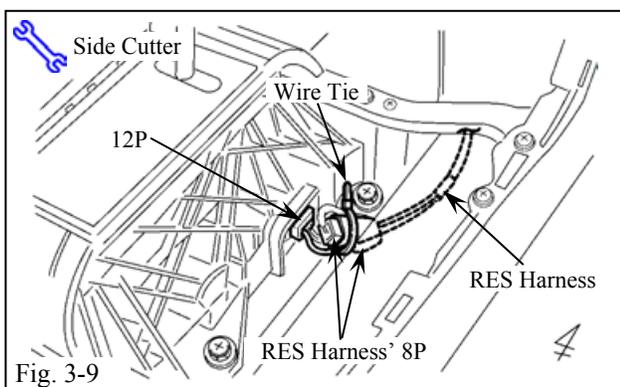
(j) Using a Small Jeweler's Screwdriver, lift up the Terminal Retainer on the back of the Empty Connector. (Fig. 3-7)

- (1) Do not pull out the retainer.



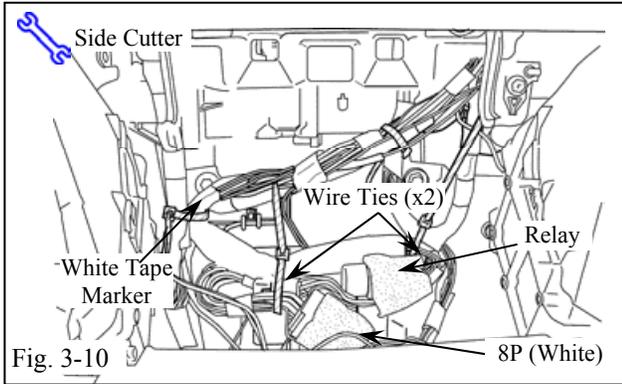
(k) Insert the Terminal at the end of the Vehicle harness' GREEN wire into the empty Female 8P Connector, then close the Retainer. (Fig. 3-8)

- (1) Turn the connector so the wire faces you and the tab is on top.
- (2) Verify the correct opening is chosen.
- (3) The terminal should not come out when pulled lightly. If it comes out, then push it in further.



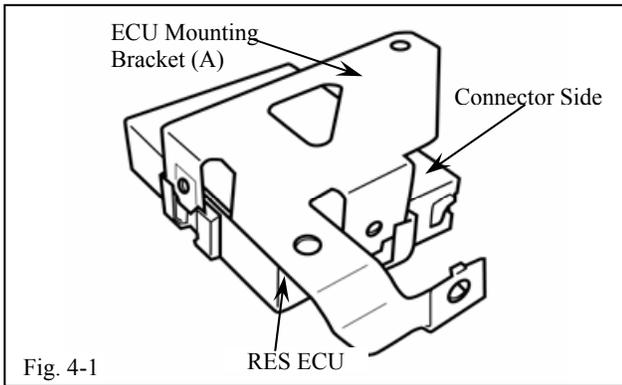
(l) Reconnect the Vehicle's 12P connector to the Gear shift area. (Fig. 3-9)

(m) Connect the V4 Harness' 8P Female and Male Connectors, securing the 8P Connectors to the Vehicle harness with 1 Wire Tie. (Fig. 3-9)



- (n) Secure the unused V4 Harness' Large White 8P Connectors with 2 Wire Ties to the Vehicle harness in the Center console area. (Fig. 3-10)

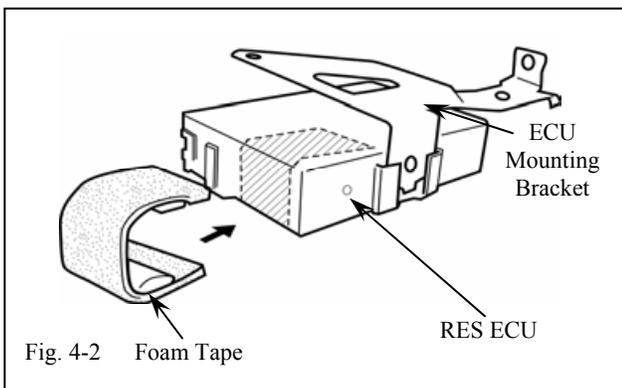
4. RES ECU and BUS ECU Preparation and Installation.



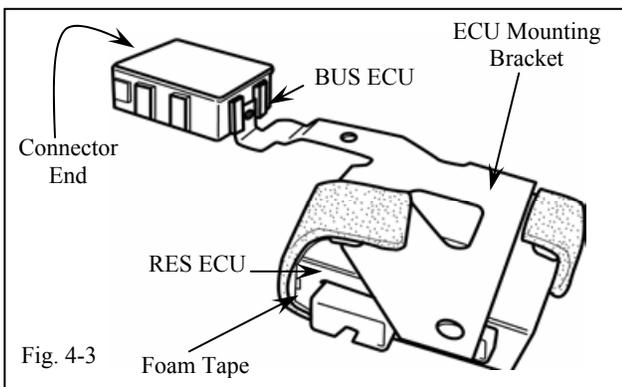
- (a) Insert the ECU Mounting Bracket (A) into the indicated bracket slots on the RES ECU. (Fig. 4-1)
 - (1) Insert the mounting bracket into the correct ECU's slot.



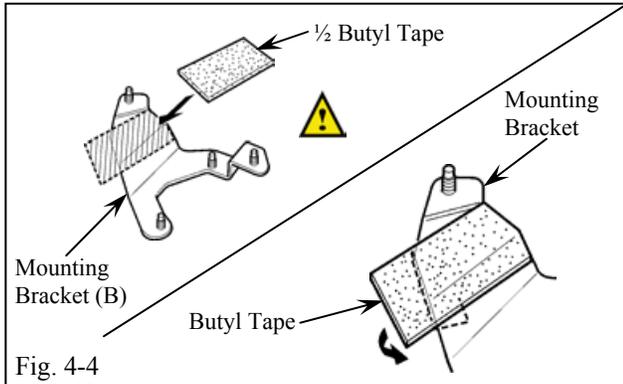
CAUTION: The bracket is permanently attached once installed.



- (b) Apply 1 piece of Foam Tape to the edge of the RES ECU as shown. (Fig. 4-2)

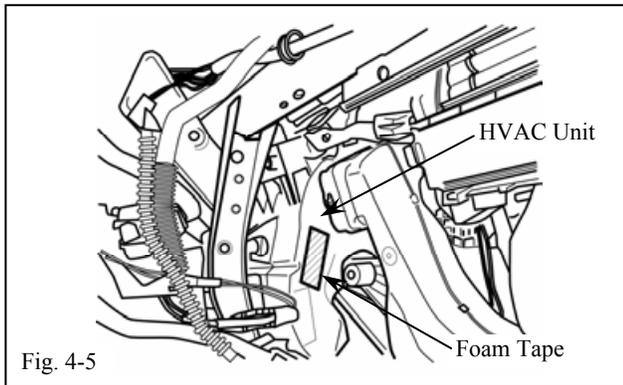


- (c) Apply 1 piece of Foam Tape to the other side of the RES ECU and Bracket, as shown. (Fig. 4-3)
- (d) Insert the BUS ECU into the indicated slot on the mounting bracket. (Fig. 4-3)

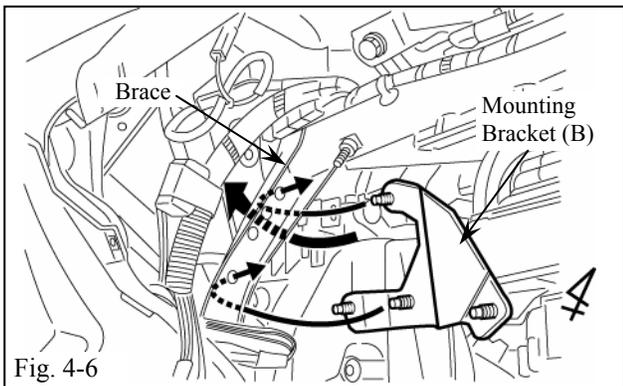


(e) Remove backing sheet of ½ Butyl Tape, then apply it to the ECU Mounting Bracket (B). (Fig. 4-4)

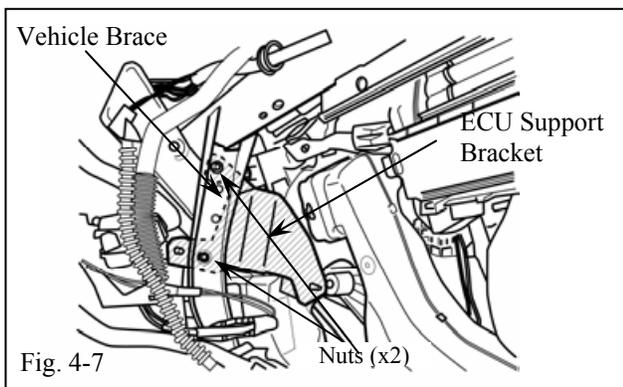
(1) Do not touch the adhesive surface.



(f) Apply 1 piece of Foam Tape to the HVAC center duct. (Fig. 4-5)

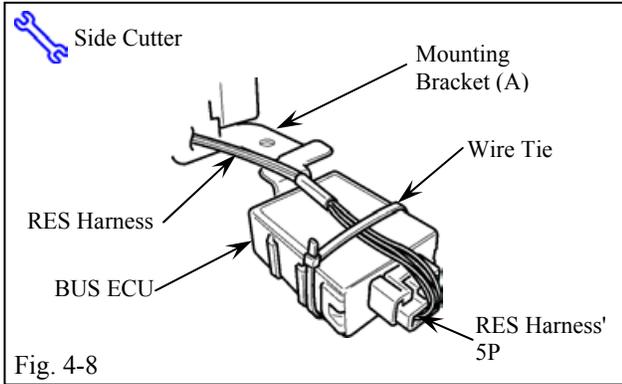


(g) Remove the Protective Sheet from the Butyl Tape. Insert the ECU Mounting Bracket (B) up behind the Vehicle Brace as shown. (Fig. 4-6)

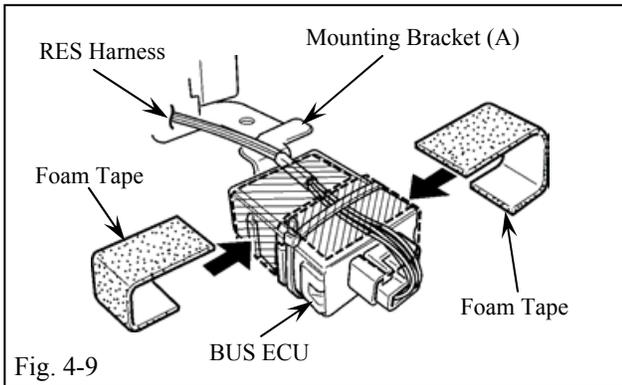


(h) Secure the ECU support bracket to the vehicle brace with 2 Nuts (supplied) as shown.(Fig. 4-7)

(1) Verify the two nuts are tightened and securly.



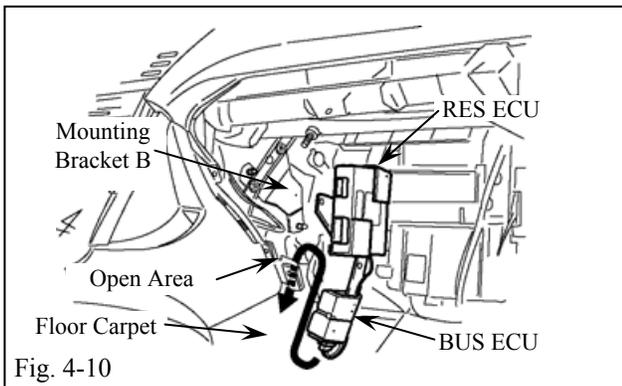
- (i) Connect the V4 Harness' White 5P Connector to the BUS ECU. (Fig. 4-8)
- (j) Use 1 Wire Tie to secure the V4 Harness to the BUS ECU. (Fig. 4-8)



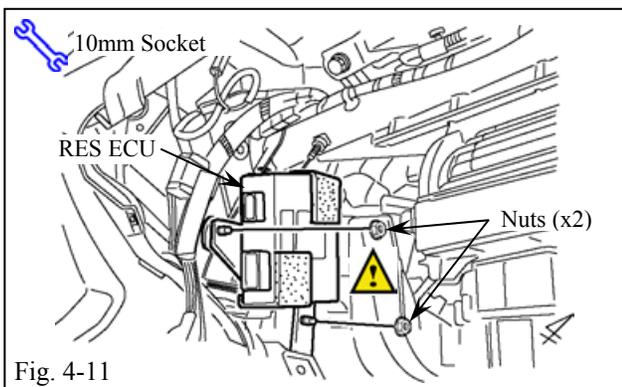
- (k) Attach 2 pieces of Foam Tape to the BUS ECU as shown. (Fig. 4-9)



NOTE: If both V4 kit and V5 kit are being installed, install the V5 (GBS) ECU first.

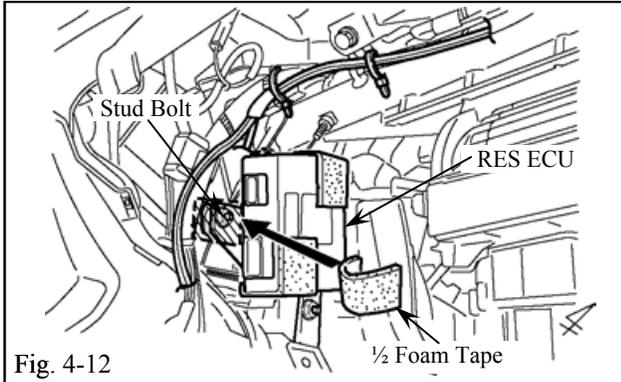


- (l) Put the BUS ECU into the opening of the Floor carpet and Heater unit in the Passenger side center cluster area. (Fig. 4-10)
- (m) Connect the Mounting Bracket (B) to Mounting Bracket (A) using the Studs on Bracket (B). (Fig. 4-10)

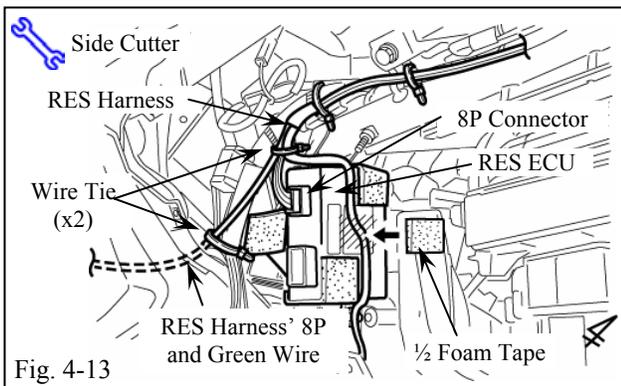


- (n) Secure Mounting Bracket (A) to Mounting Bracket (B) with 2 Nuts. (Fig. 4-11)
- (1) Verify that the nuts are tightened securely.

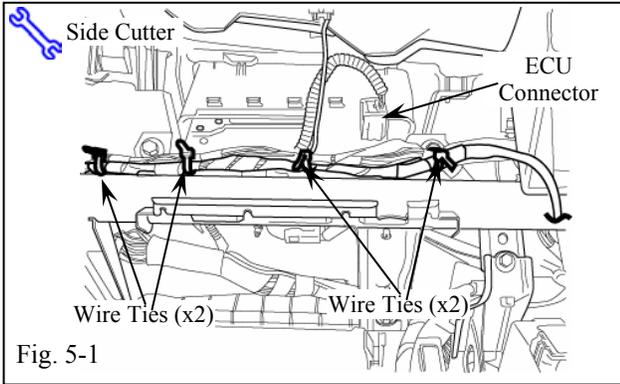




- (o) Cover the Mounting Bracket and Stud Bolt with 1/2 piece of Foam Tape. (Fig. 4-12)
 - (1) Do not discard the excess Foam Tape.

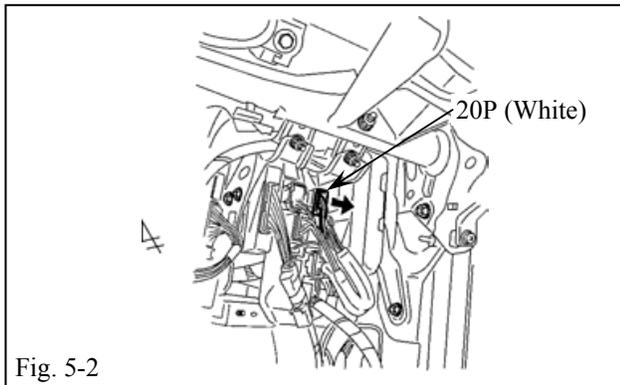


- (p) Connect the V4 Harness's 8P and 20P (not shown) Connectors to the RES ECU. (Fig. 4-13)
- (q) Secure the V4 Harness section with the 8P Connector and the GREEN wire to the Vehicle Harness with 2 Wire Ties. (Fig. 4-13)
- (r) Locate the V4 Harness section connected to the BUS ECU and secure it to the RES ECU with 1/2 piece of Foam Tape. (Fig. 4-13)

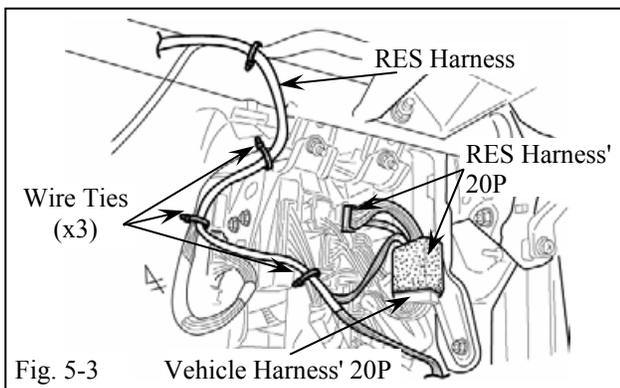


5. V4 Harness Installation (continued)

- (a) Route the V4 Harness across the Glove box area and secure to Vehicle harness with 4 Wire Ties. (Fig. 5-1)



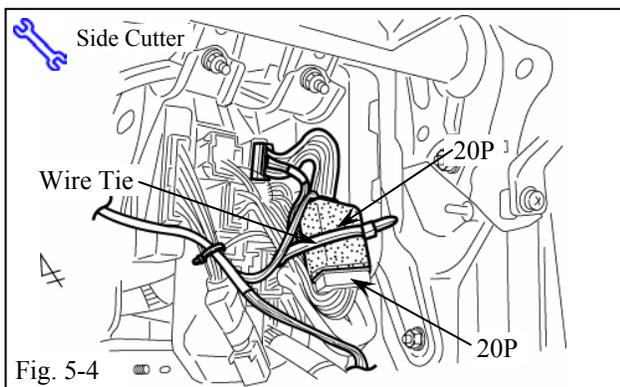
- (b) Locate and disconnect the White 20P Connector from the Connector Block in the upper right area of the Glove Box. (Fig. 5-2)



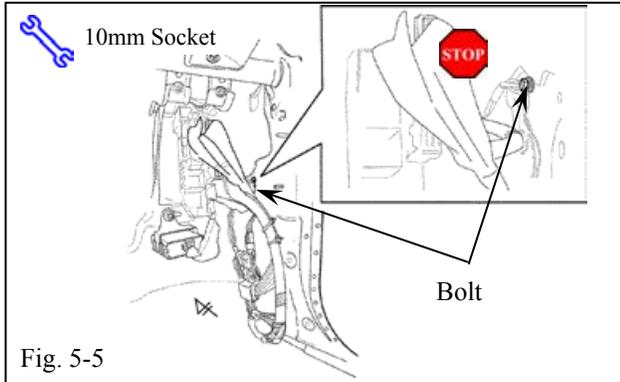
- (c) Route the V4 Harness through the Glove box area and secure it with 3 Wire Ties as shown. (Fig. 5-3)

- (d) Plug in the V4 Harness' White 20P Connectors between the Vehicle harness' 20P connector and Connector block in the Glove box area. (Fig. 5-3)

(1) Verify the Connectors are plugged in securely

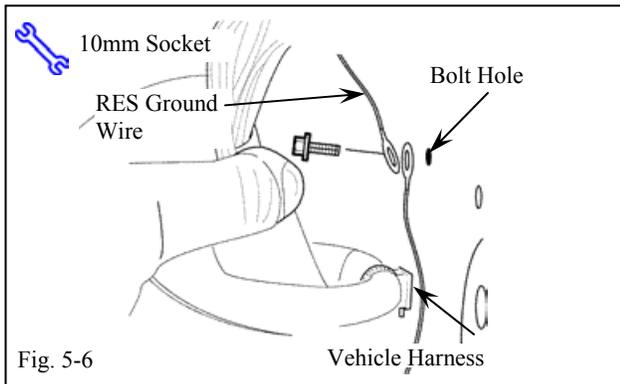


- (e) Secure the 20P Connectors to the Vehicle harness with 1 Wire Tie. (Fig. 5-4)

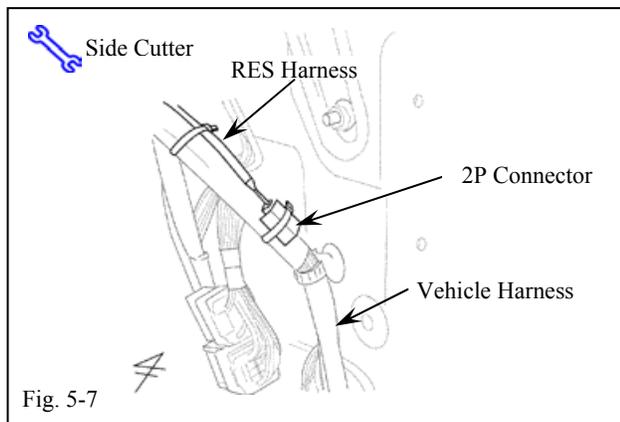


(f) Locate and remove the Bolt from the Passenger cowl area. (Fig. 5-5)

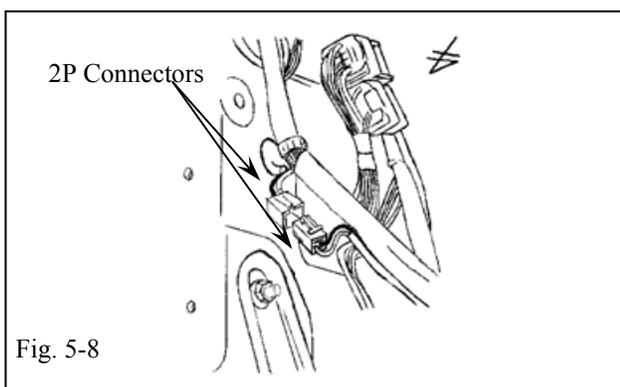
(1) Do not discard the bolt.



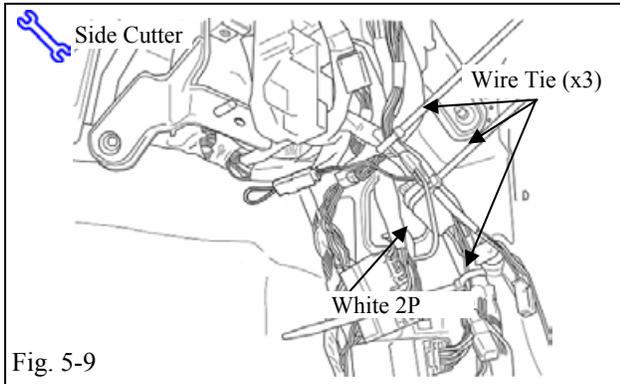
(g) Place the V4 Harness' Ground on top of the Vehicle's ground. Re-install the bolt back into the hole. (Fig. 5-6)



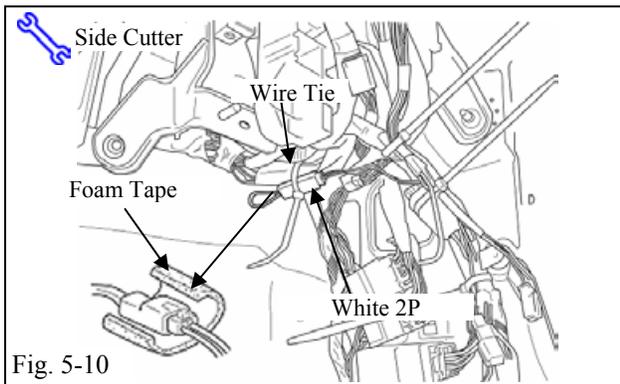
(h) Locate and remove the tape securing the Vehicle harness' white 2P connector underneath the Ground bolt. (Fig. 5-7)



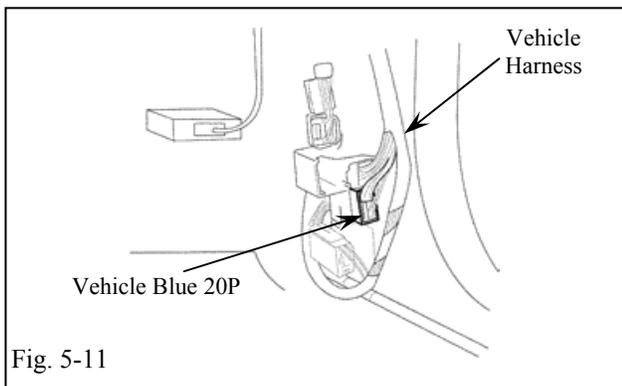
(i) Plug in the V4 Harness' White 2P Connector to the Vehicle harness' white 2P connector. (Fig. 5-8)



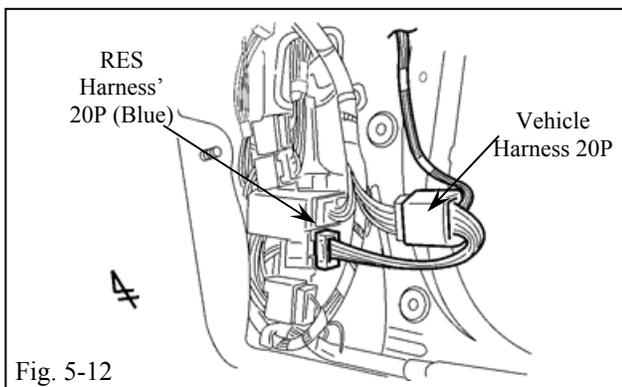
- (j) Secure the V4 Harness' 2P Connector (which is connected the pre-wire connector) to the Vehicle harness with 1 Wire Tie. (Fig. 5-9)
- (k) Secure the V4 Harness to the Vehicle harness with 2 Wire Ties. (Fig. 5-9)



- (l) Wrap the V4 Harness' 2P Connector with 1 Foam Tape, and secure it to the Vehicle Harness with 1 Wire Tie. (Fig. 5-10)

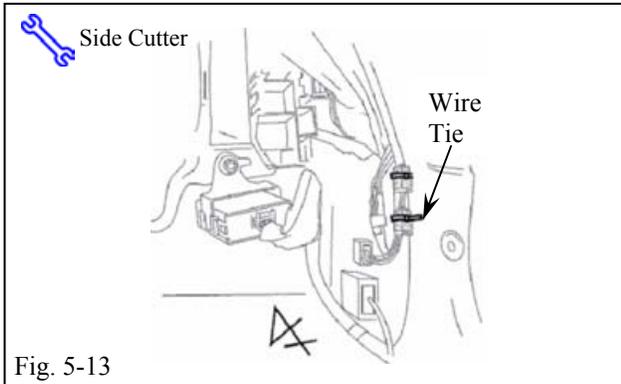


- (m) Disconnect the Vehicle harness' blue 20P connector. (Fig.5-11)

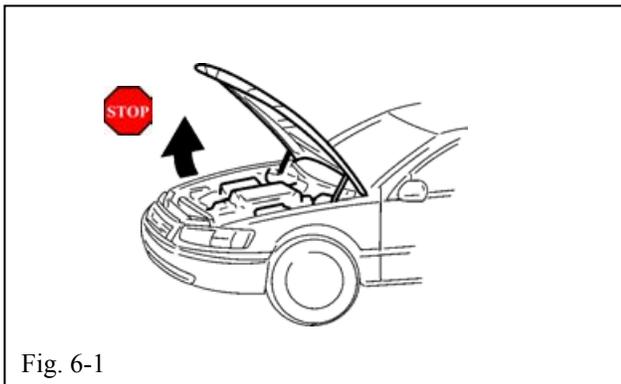


- (n) Plug in the V4 Harness' BLUE 20P Connectors between the Vehicle harness' BLUE 20P connector and the Connector block. (Fig. 5-12)

NOTE: If the vehicle is equipped with V4 and V2/V5, the blue 20P connectors will need to be piggy-backed together.



(o) Secure the 20P Connectors with 1 Wire Tie as shown. (Fig. 5-13)



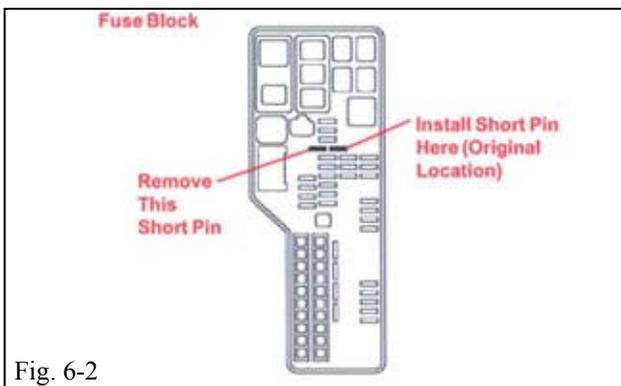
6. RES Registration

NOTE: P/N 02003179 CAN Interface Module is necessary for Scan Tool communication.

- (a) Move the shifter to the “P” position.
- (b) Open the hood. (Fig. 6-1)

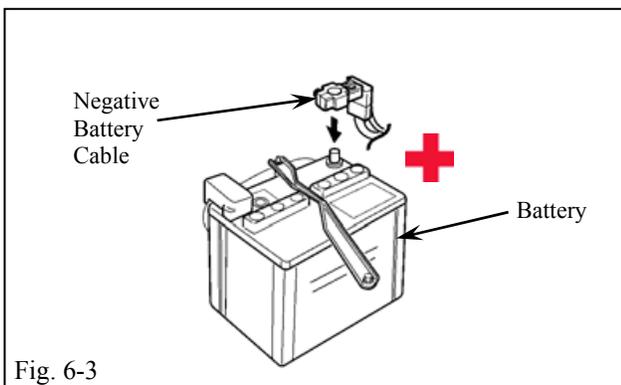


- (1) Do not close the hood during the IMMOBILIZER setting procedure.



(c) Verify that the short pin is in the correct location. (Fig. 6-2)

- (1) If not Install it.



(d) Temporarily reconnect the vehicle's negative battery cable. (Fig. 6-3)



- (1) Do not touch the positive battery terminal.

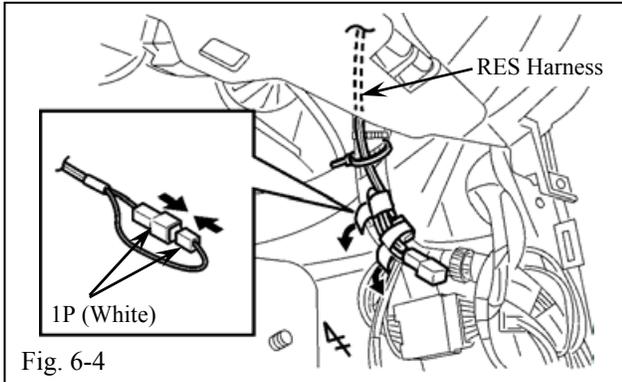


Fig. 6-4

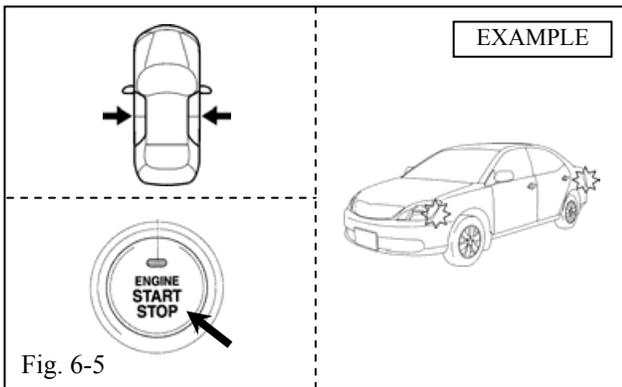


Fig. 6-5

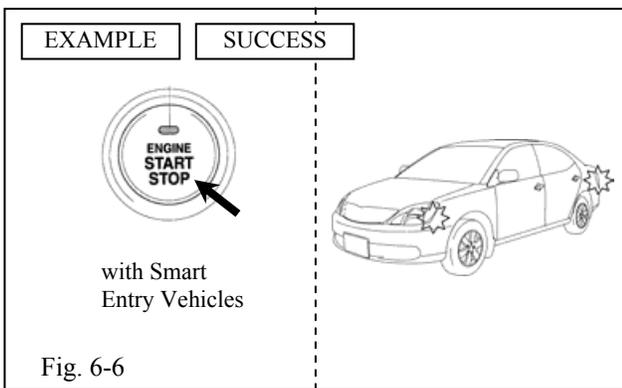


Fig. 6-6

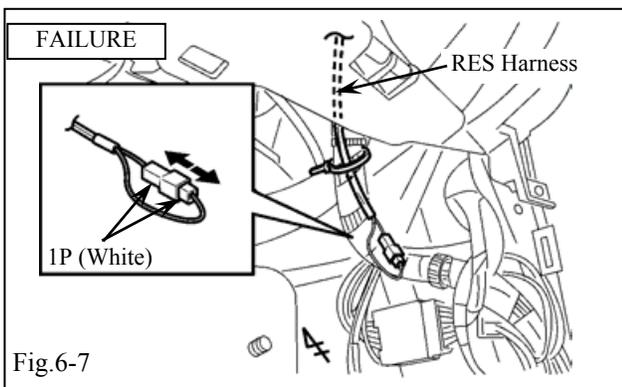


Fig. 6-7

- (e) Locate and disconnect the tape securing the RES Diagnostic Connectors from the passenger side cowl area and connect them. (Fig. 6-4)
- (f) Close all doors. Cycle the Smart Key ignition button from “OFF” to “ON” five (5) times. (Fig. 6-5)

NOTE: One cycle consists of:

OFF→Accessory→ON

NOTE: This is equivalent to pressing the Smart Key ignition button 14 times.

- (g) Once the fifth cycle has been completed, the hazard lights flash once. (Fig. 6-5)
- (h) Press the Smart Key ignition button once more to turn the ignition to OFF.

- (i) Start the engine; after 10 seconds stop the engine. The hazard lights flash once. Registration completed. (Fig. 6-6)

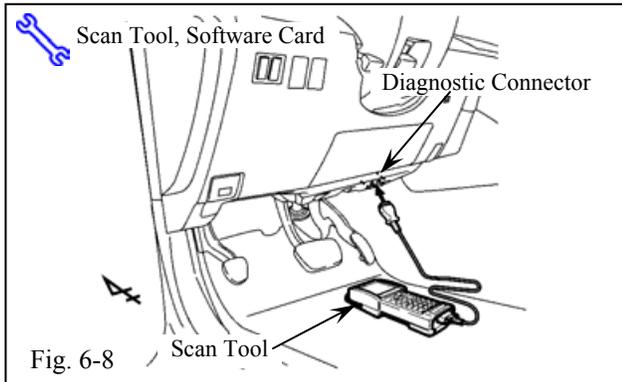
- (j) If you failed in this procedure, the hazard lights flash twice. Registration will not set. If it did not set, disconnect and reconnect the V4 harness white 1P connector from the passenger side cowl area. (Fig. 6-7)

- (1) Disconnect the negative battery terminal, then start again from Step b.

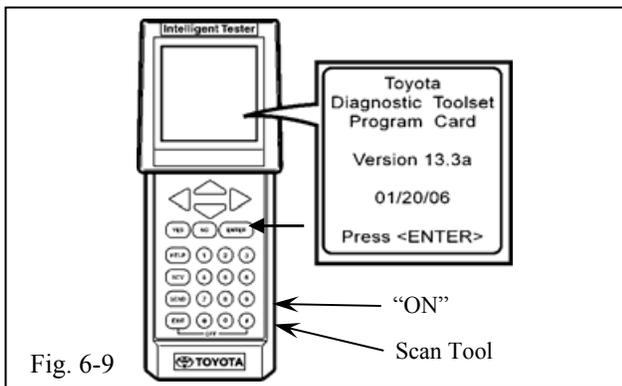
NOTE: The diagnostic connectors must be unplugged, then plugged in for each new programming attempt.



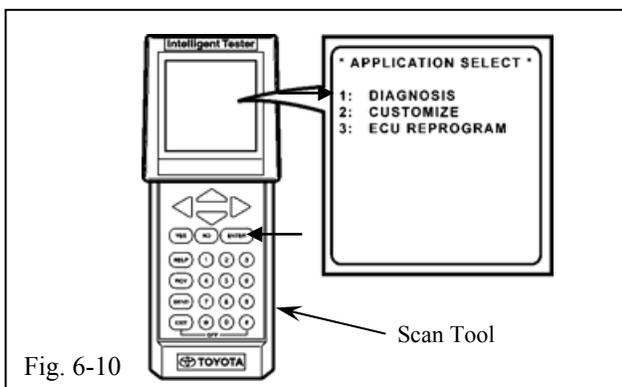
NOTE: Ensure the software is the latest version. (Production Version 13.3 or later.) If not download the software from Toyota Information System (TIS).



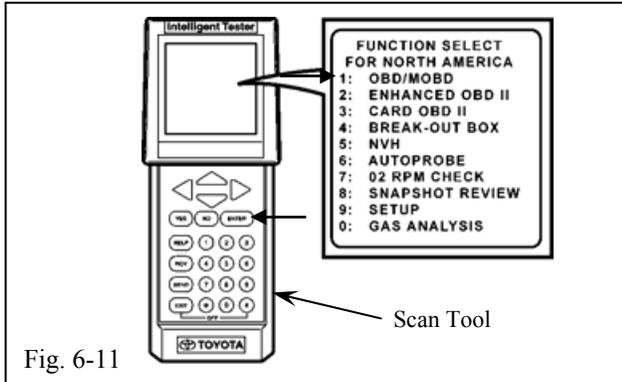
- (k) Connect the scan tool connector to the vehicle's diagnostic connector in the right side of the lower dash area. (Fig. 6-8)
- (l) With the remote control key in your possession, press the power button on the dash twice to select the ignition "ON" position.
- (m) Verify the shift lever position is in "N" or "P"



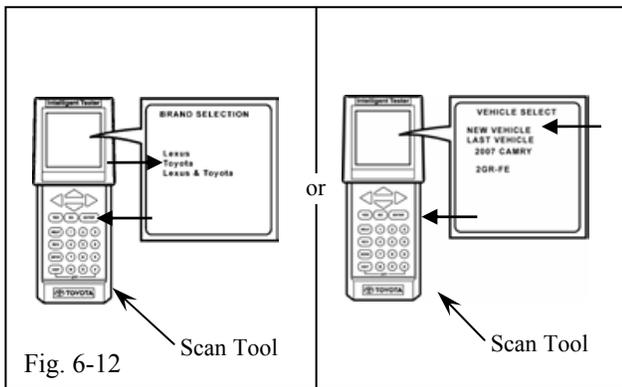
- (n) Push the scan tool main switch to "ON," then press the "ENTER" button. (Fig. 6-9)



- (o) Select "DIAGNOSIS" in the Application Select menu with the scroll key, then press the "ENTER" button. (Fig. 6-10)



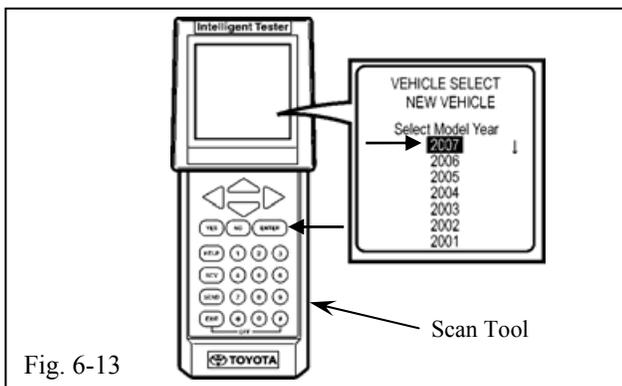
(p) Select "OBD/MOBD" in the Function Select menu with the scroll key, then press the "ENTER" button. (Fig. 6-11)



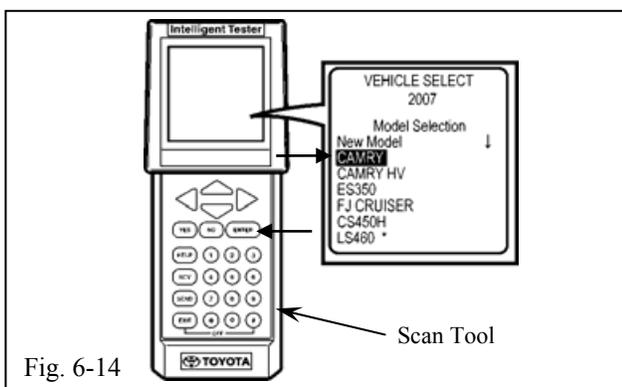
(q) Make the appropriate selection based on the information below, then press the "ENTER" button. (Fig. 6-12)

(1) In the case of the left-side screen, select "TOYOTA" in the Brand Selection menu.

(r) In the case of the right-side screen, select "NEW VEHICLE" in the Vehicle Select menu.



(s) Select "2007" with the scroll key, then press the "ENTER" button. (Fig. 6-13)



(t) Select "CAMRY" with the scroll key, then press the "ENTER" button. (Fig. 6-14)

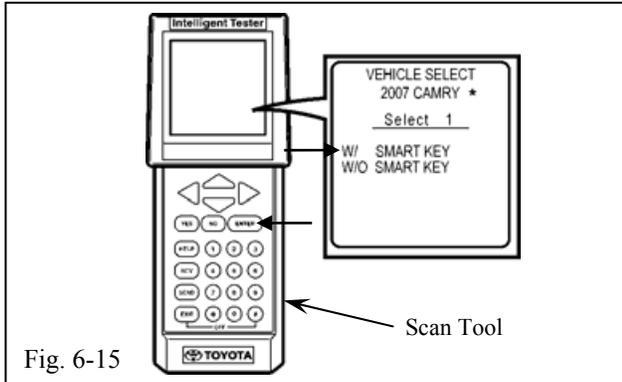


Fig. 6-15

"VEHICLE SELECT" PROCESS"

- (u) Select "W/ SMART KEY" with the scroll key, and then press the "ENTER" button. (Fig. 6-15)

Note: Steps v-w may vary depending on the version of the software.

- (v) Select the engine type with the scroll key, then press the "ENTER" button.

- (w) Confirm that the correct vehicle applications are displayed. Press the "YES" button to continue. (Fig. 6-16)

Note: Fig. 6-16 depicts an example of the vehicle type that may appear. It is dependant on the type of vehicle that is being programmed.

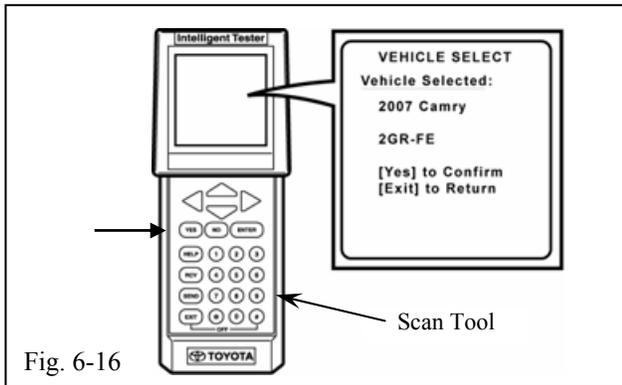


Fig. 6-16

- (x) Select "SMART KEY" in the OBD/MOBD menu with the scroll key, then press the "ENTER" button. (Fig. 6-17)

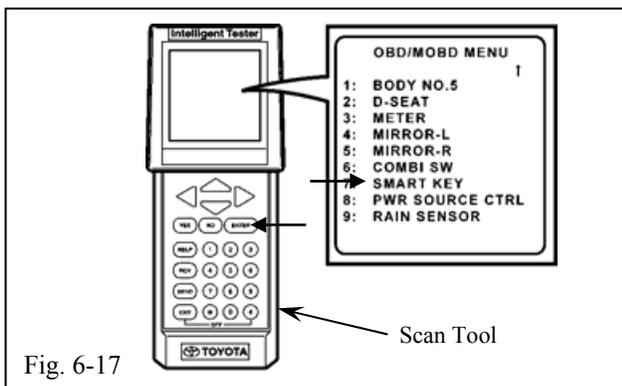


Fig. 6-17

- (y) Verify the connection of the DLC3 Cable. Press the "YES" button to continue. (Fig. 6-18)

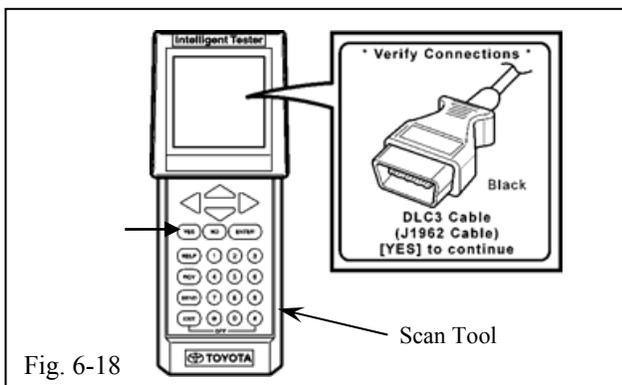
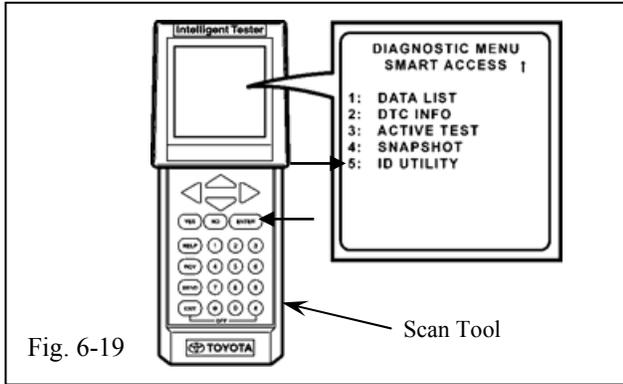
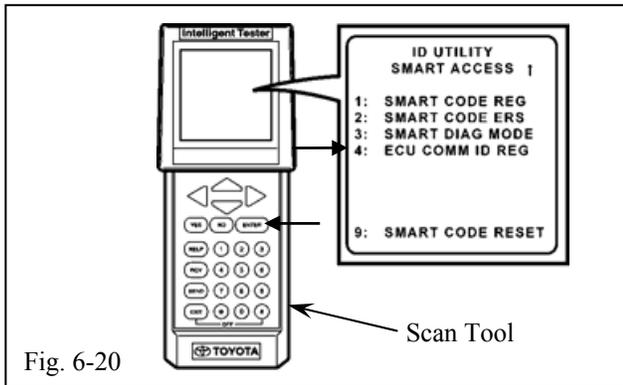


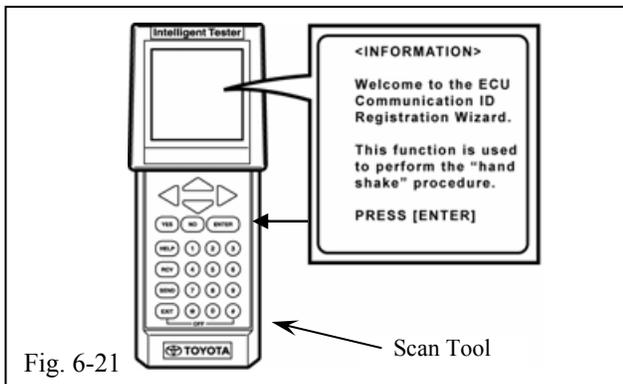
Fig. 6-18



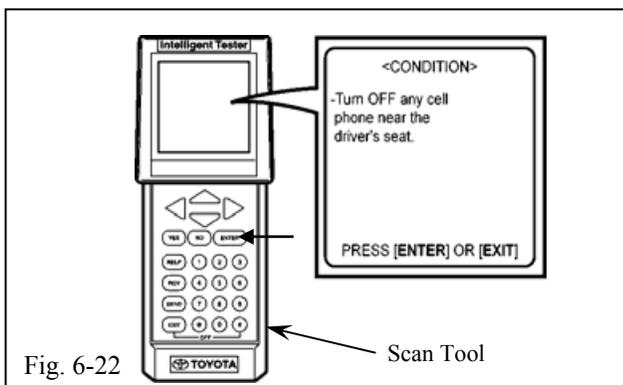
(z) Select "ID UTILITY" in the Diagnostic Menu with the scroll key, then press the "ENTER" button. (Fig. 6-19)



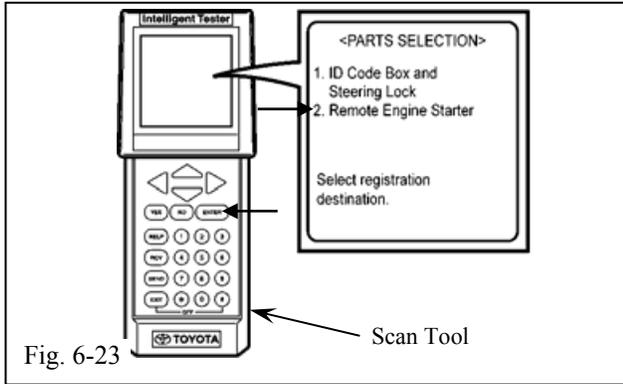
(aa) Select "ECU COMM ID REG" in the ID Utility menu with the scroll key, then press the "ENTER" button. (Fig. 6-20)



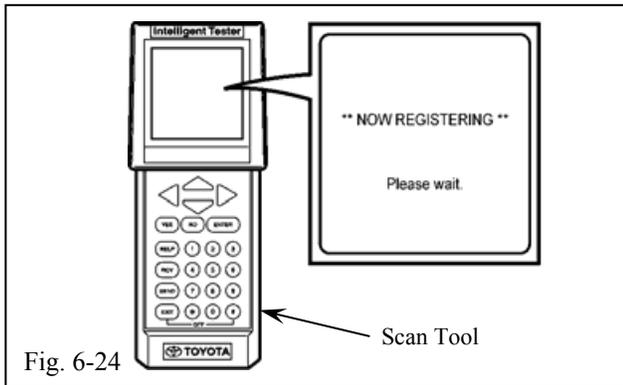
(bb) At the Information screen, press the "ENTER" button. (Fig. 6-21)



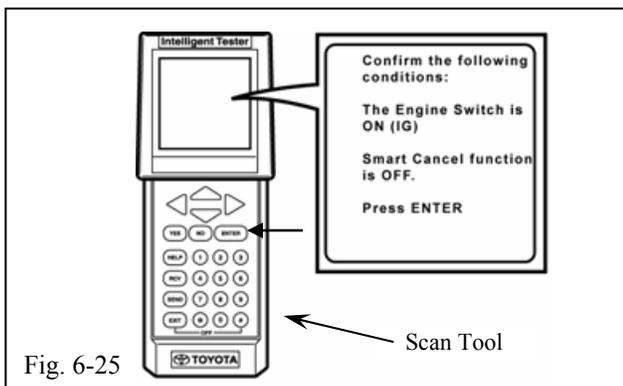
(cc) At the CONDITION screen, press the "ENTER" button. (Fig. 6-22)



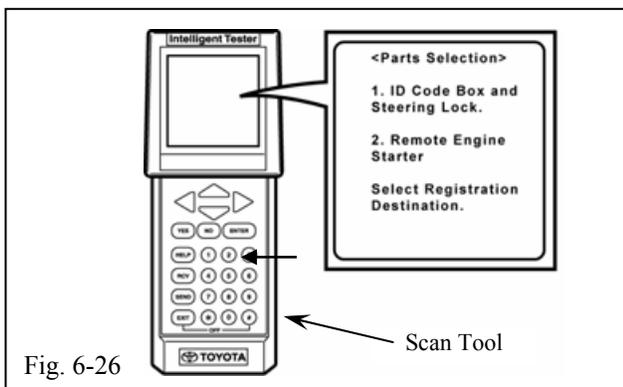
(dd) Select "Remote Engine Starter" in the Parts Selection menu with the scroll key, then press the "ENTER" button. (Fig. 6-23)



(ee) Verify the screen. Wait a few minutes. (Fig. 6-24)



(ff) Confirm the conditions shown on the scan tool, and press ENTER. (Fig. 6-25)



(gg) Select "Remote Engine Starter" by pressing the "2" button. (Fig. 6-26)

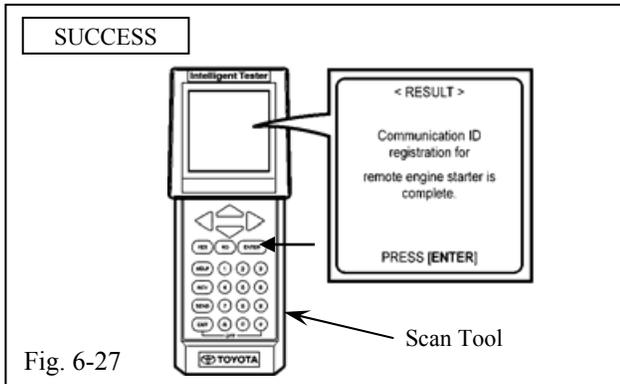


Fig. 6-27

(hh) When the IMMOBILIZER setting is completed, confirm what appears on the screen as shown, then press the "ENTER" button. (Fig. 6-27)

Go to step jj.

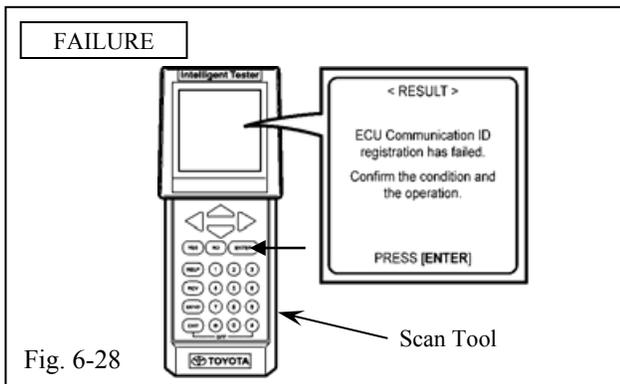


Fig. 6-28

(ii) If the IMMOBILIZER setting fails, as displayed on the screen, then press the "ENTER" button. (Fig. 6-28)

(1) Start again from step k.

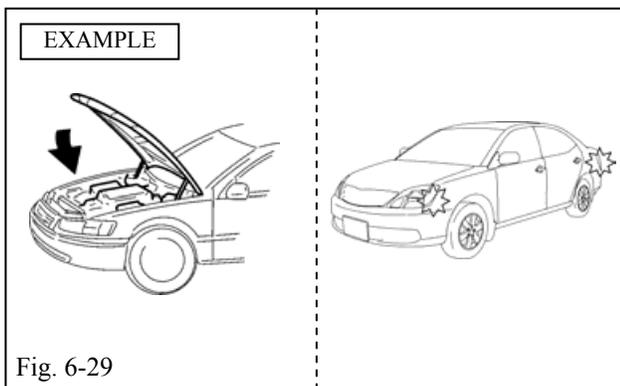


Fig. 6-29

(jj) Close the hood. (Fig. 6-29)

(kk) The hazard lights flash twice. Registration completed (Fig. 6-29)

(ll) If you fail this procedure, the hazard lights flash 3 times. Registration will not set. Start again from Step a.

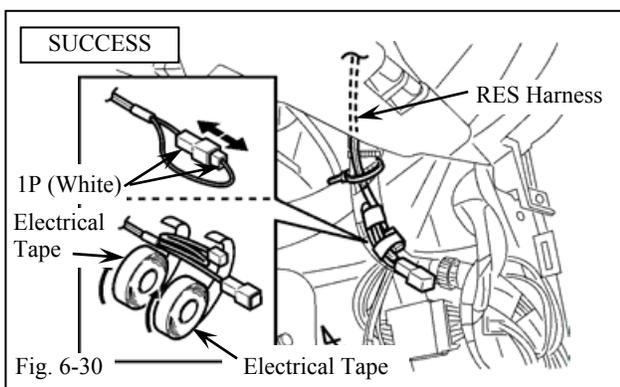
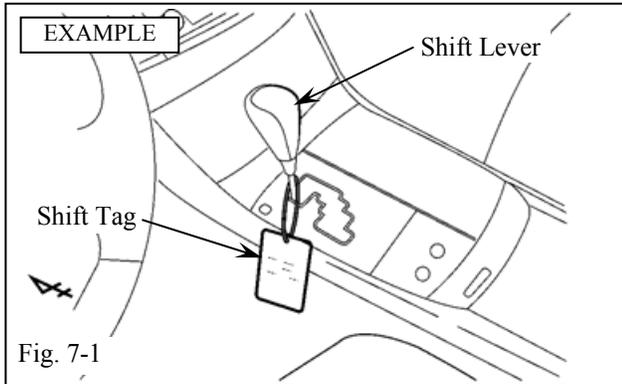


Fig. 6-30

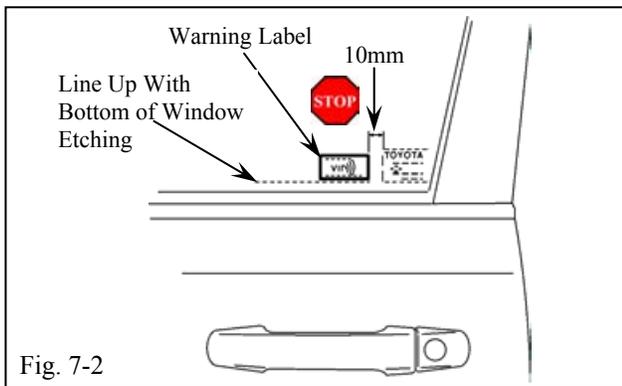
(mm) Disconnect the V4 Harness' 1P RES Diagnostic Connectors. Secure the V4 Harness and 1P Connectors with Electrical Tape as shown. (Fig. 6-30)

(nn) Press the Power button to the "OFF" (Indicator Light off) position.



7. Tags and Labels Installation.

(a) Hang the shift tag on the shift lever. (Fig. 7-1)



(b) Using household Windex, clean the inside surface of the front door windows. (Fig. 7-2)

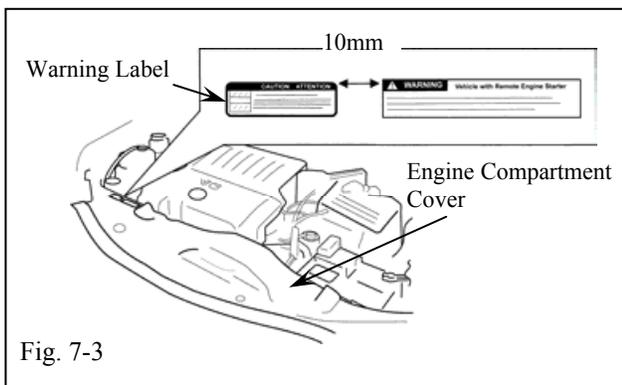
(1) When cleaning with household Windex, follow the manufacturer's directions.

(c) Place the window labels on the inside surface of the front door's windows as shown. (Fig. 7-2)

(1) Use a piece of clean adhesive tape to lift the labels off their protective backing sheet.

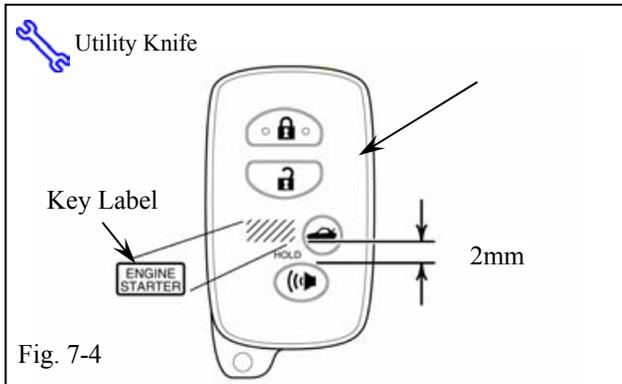


(2) Do not touch the labels' adhesive surface.

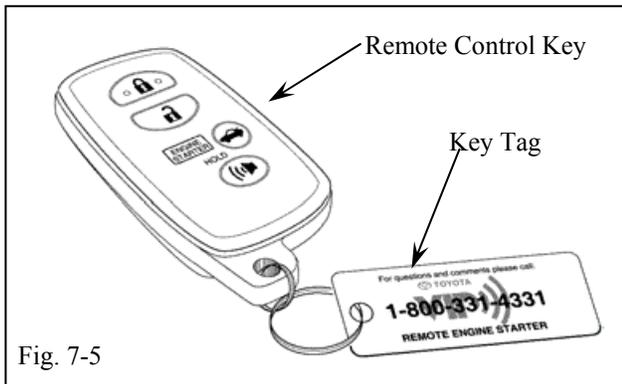


(d) Using the VDC approved cleaner, clean the area indicated on the engine compartment cover as shown. (Fig. 7-3)

(e) Remove the backing sheet and attach the warning label to the engine compartment cover on the left hand side as shown. Do not touch the label's adhesive surface. (Fig. 7-3)



- (f) Remove the Remote controls from their Protective bag. With the Utility Knife, neatly cut a slit to open the bag. (Fig.7-4)
- (g) Using the VDC approved cleaner, clean the area indicated on the Remote control. (Fig. 7-4)
- (h) Remove the backing sheet and attach the Key Label to the Remote controls as shown. (Fig. 7-4)
 - (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.
- (i) Attach the Key Tag to the Remote control key's ring. (Fig. 7-5)



8. Completing the Installation.

(a) Complete the reassembly of the vehicle.

- (1) Reconnect any disconnected connectors.
- (2) Verify the panels fit together properly with no uneven gaps between them.

(b) Position the negative battery cable at the original factory position. (Fig. 8-1)

- (1) Tighten the Nut to 36 in•lbf (4.07 N•m).

CAUTION: Do not touch the Positive battery terminal.

(c) Clean up and remove any trash.

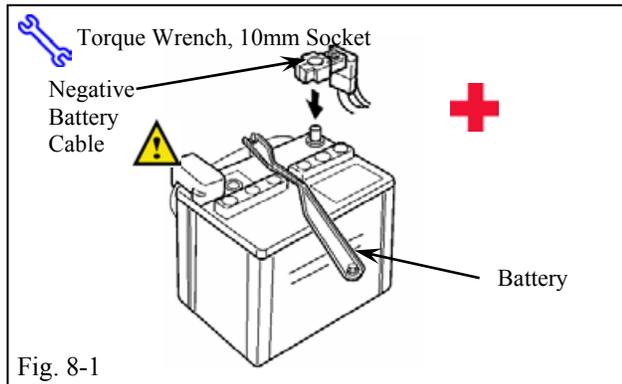
(d) Place the Owner's Guide, left in its protective bag, in the glove box.

(e) Reset the power windows.

- (1) Turn 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 switches up for a minimum of one (1) second.

(f) Reset the power moon roof.

- (1) Open the Moonroof halfway.
- (2) Push and hold the Moon roof switch to close side until the moon roof closes.
- (3) Continue holding the Moon roof switch for a minimum of one (1) second.



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, 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.

1. The hazard lights flash after 3 seconds.
The engine starts.
The hazard lights flash repeatedly for 20 seconds.

Press the remote control's unlock button.

2. The engine stops.
The hazard lights flash twice.

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.

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

Check:

Look For:

- 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 and the smart key in your possession, pull the outside door handle.

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.

- 4. Refer to Step 1.
The engine stops.
The hazard lights flash twice.

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

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

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

Check:

Look For:

- 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 and the smart key in your possession, press the power button on the dash.

- 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.

- 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)
- Steering Column Check (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
- Functioning Steering Column Check