

**Part Number: PT398-48113**

**Conflicts**

Do not install into Vehicles with Rotary Key. Will not Program with Techstream Lite.
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**Recommended Sequence of Application**

Item #	Accessory	

**Kit Contents**

Item #	Quantity	Description
1	1	Wire Harness
2	1	Gateway ECU Mounting Bracket
3	1	RES ECU Mounting Bracket

**Hardware Bag Contents**

Item #	Quantity	Description
1	1	RES ECU
2	1	Gateway ECU
3	1	Foam Tape
4	15	Wire Ties
5	2	M6 Tapping Screws
6	2	M2 x 14 Screws
7	2	Splicing Connectors
8	1	Cap Bolt Cover
9	1	Hood Switch
10	4	Window Warning Labels (English / Spanish)
11	4	Transmitter Labels (English / Spanish)
12	4	Key Tag (English / Spanish)
13	2	Warning Labels for Engine Compartment (English / Spanish)
14	1	Owner's Manual







**Additional Items Required For Installation**

Item #	Quantity	Description
1	1	Black Electrical Tape

**Recommended Tools**

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	(Optional)
Vehicle Protection	Blankets, Parts Boxes
Special Tools	Notes
Techstream Notebook	Do not use Techstream Lite
Installation Tools	Notes
Phillips Screwdriver	#2 Phillips, Jeweler's
Flat blade Screwdriver	Jeweler's
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Side Cutters	
Torque Wrench	36 in•lbf (4.07 N•m), 70.81 in•lbf (8.0 N•m)
Utility Knife	
Tape	Clear
Socket	10mm, Extension
Pliers	
Special Chemicals	Notes
Cleaner	VDC Approved Cleaner
Glass Cleaner	Household Glass Cleaner

**Legend**

	<b>STOP:</b> Damage to the vehicle may occur. Do not proceed until process has been complied with.
	<b>OPERATOR SAFETY:</b> Use caution to avoid risk of injury.
	<b>CAUTION:</b> 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.
	<b>TOOLS &amp; EQUIPMENT:</b> Used in Figures calls out the specific tools and equipment recommended for this process.
	<b>REVISION MARK:</b> This mark highlights a change in installation with respect to previous issue.
	<b>SAFETY TORQUE:</b> This mark indicates that torque is related to safety.

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

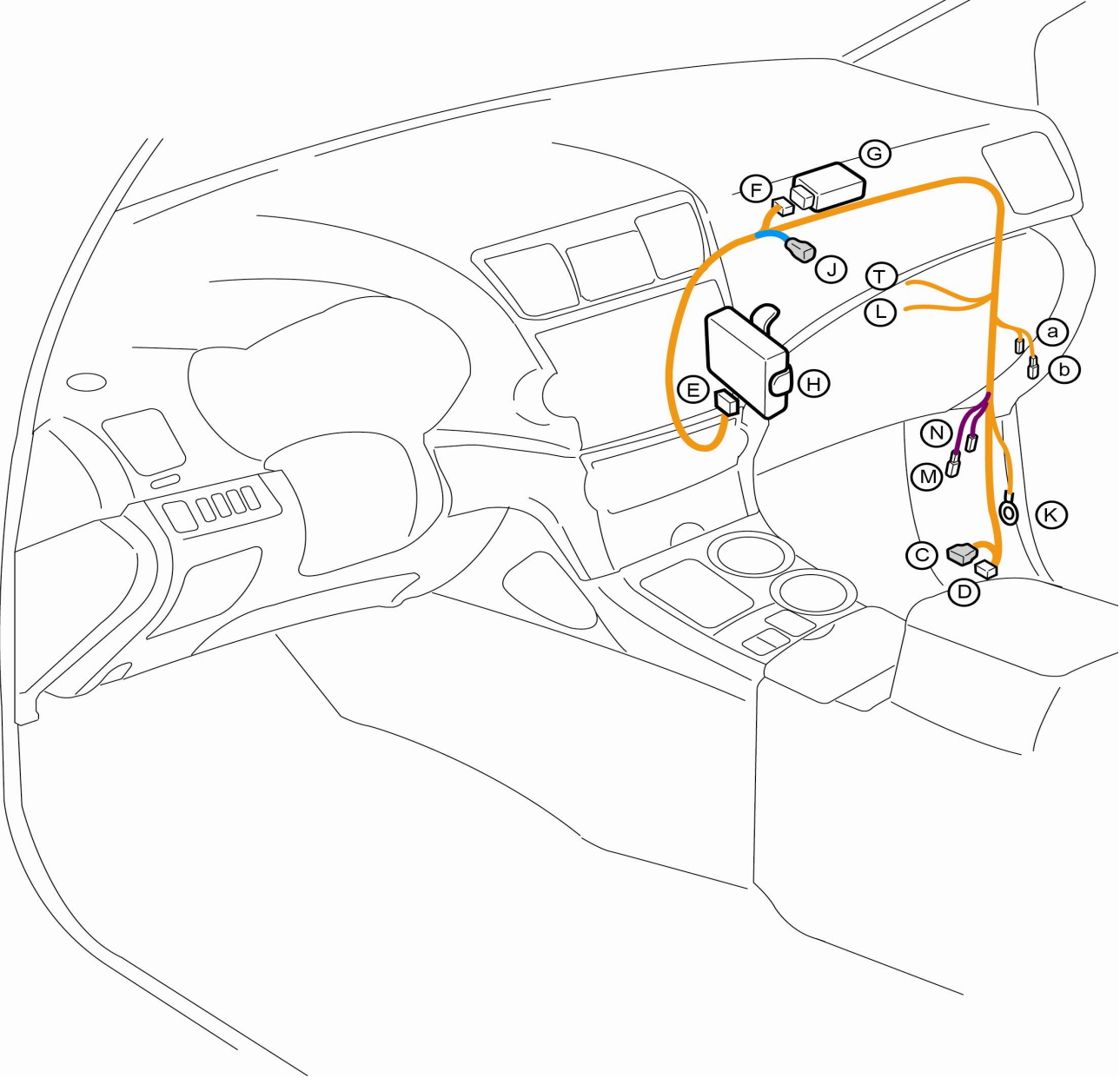
These guidelines can be found in the "Accessory Installation Practices" document.

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

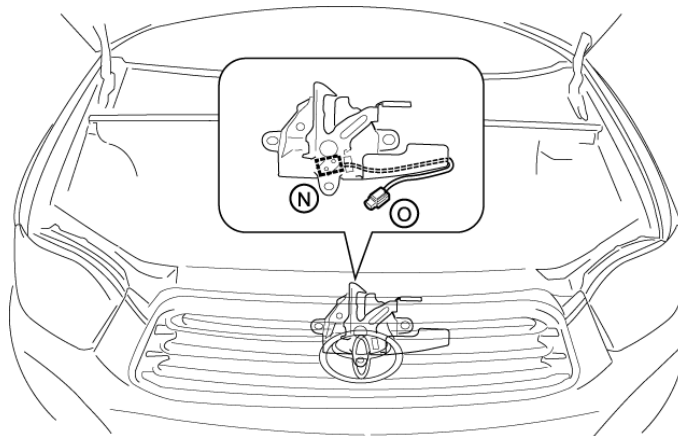
Wire Harness Outline (Passenger's Compartment)



TVIP	Vehicle	Description
C		20P BLUE
D		20P BLUE
E	-	20P WHITE <i>(for RES ECU)</i>
F	-	5P WHITE <i>(for Gateway ECU)</i>
G	-	Gateway ECU
H	-	RES ECU
J		4P WHITE
K	-	GROUND TERMINAL
L		WIRE <i>(I gmy Wire)</i>
M	-	1P WHITE <i>For Registration</i>
N	-	1P WHITE <i>For Registration</i>
T		WIRE <i>(Blue Wire)</i>
a	-	1P GRAY
b	-	1P GRAY

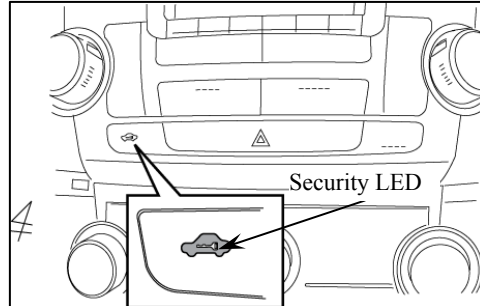
HOOD SWITCH <i>For Vehicle without Factory Alarm</i>	2P BLACK													
Ⓝ	Ⓞ													

Wire Harness Outline (engine compartment)



**Confirm the following:**

**Before beginning, close the Hood and all the Doors.  
Press the remote control's lock button**



Security LED starts flashing and doesn't stop flashing.

Vehicle has NO Factory Alarm.  
You must prepare V4 Harness.  
**Use Section 1 step e**

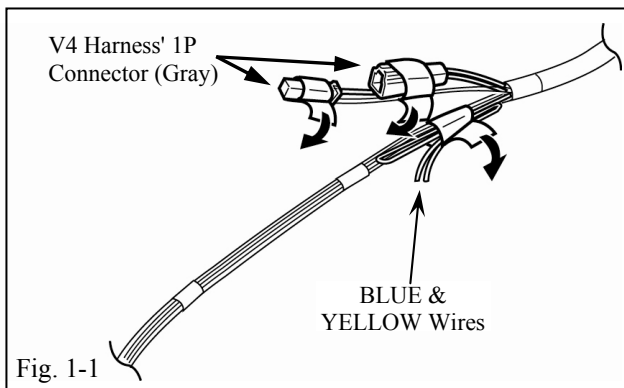
Security LED turns SOLID, and then starts flashing after 30 seconds.

Vehicle has Factory Alarm.  
You must prepare V4 Harness.  
**Use Section 1 steps a-d**

**CONTINUED**

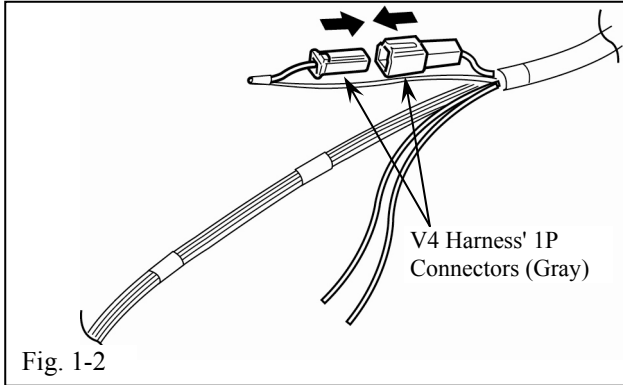
**1. V4 Wire Harness Preparation.**

**FOR VEHICLES WITH FACTORY ALARM ONLY (steps a-d)**

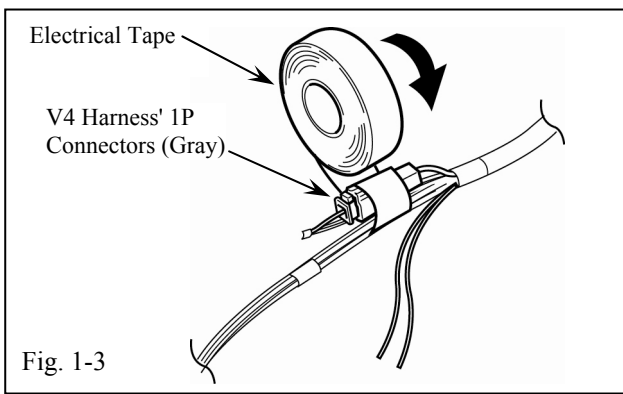


- (a) Remove the Tape securing the V4 Harness's 2 Gray 1P Connectors. (Fig. 1-1)
  - (1) Do not use the 1P Connectors that are labeled RES DIAGNOSTIC.
- (b) Remove the Tape securing the V4 Harness's BLUE and YELLOW Wires. (Fig. 1-1)

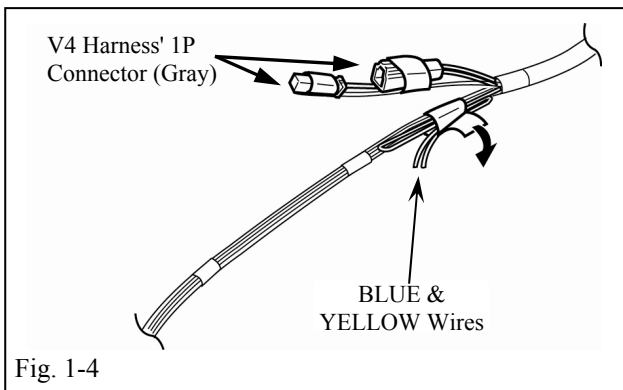
**CONTINUED**



(c) Connect the V4 Harness's Gray 1P connectors together. (Fig. 1-2)



(d) Secure the V4 Harness's Gray 1P Connectors with Electrical Tape. (Fig. 1-3)



**FOR VEHICLES WITHOUT FACTORY ALARM ONLY (step e)**

(e) Remove the Tape securing the V4 Harness's BLUE and YELLOW Wires. (Fig. 1-4)

## 2. Vehicle Disassembly.

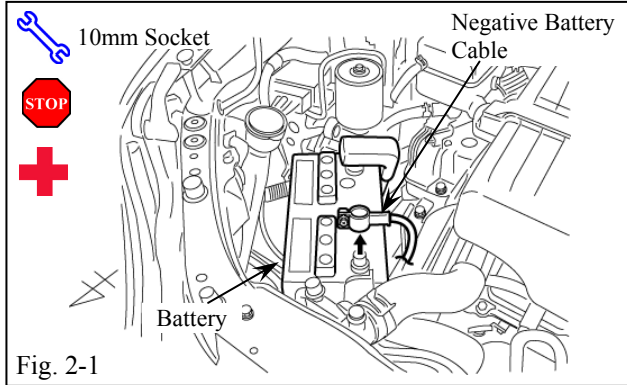


Fig. 2-1

**+** (a) Vehicles with Automatic Transmission should be placed in Park and have the Parking Brake Set before disconnecting the Battery.

(b) Remove the Negative Battery Cable. (Fig. 2-1)



(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 Terminal.

### Disassembly Overview

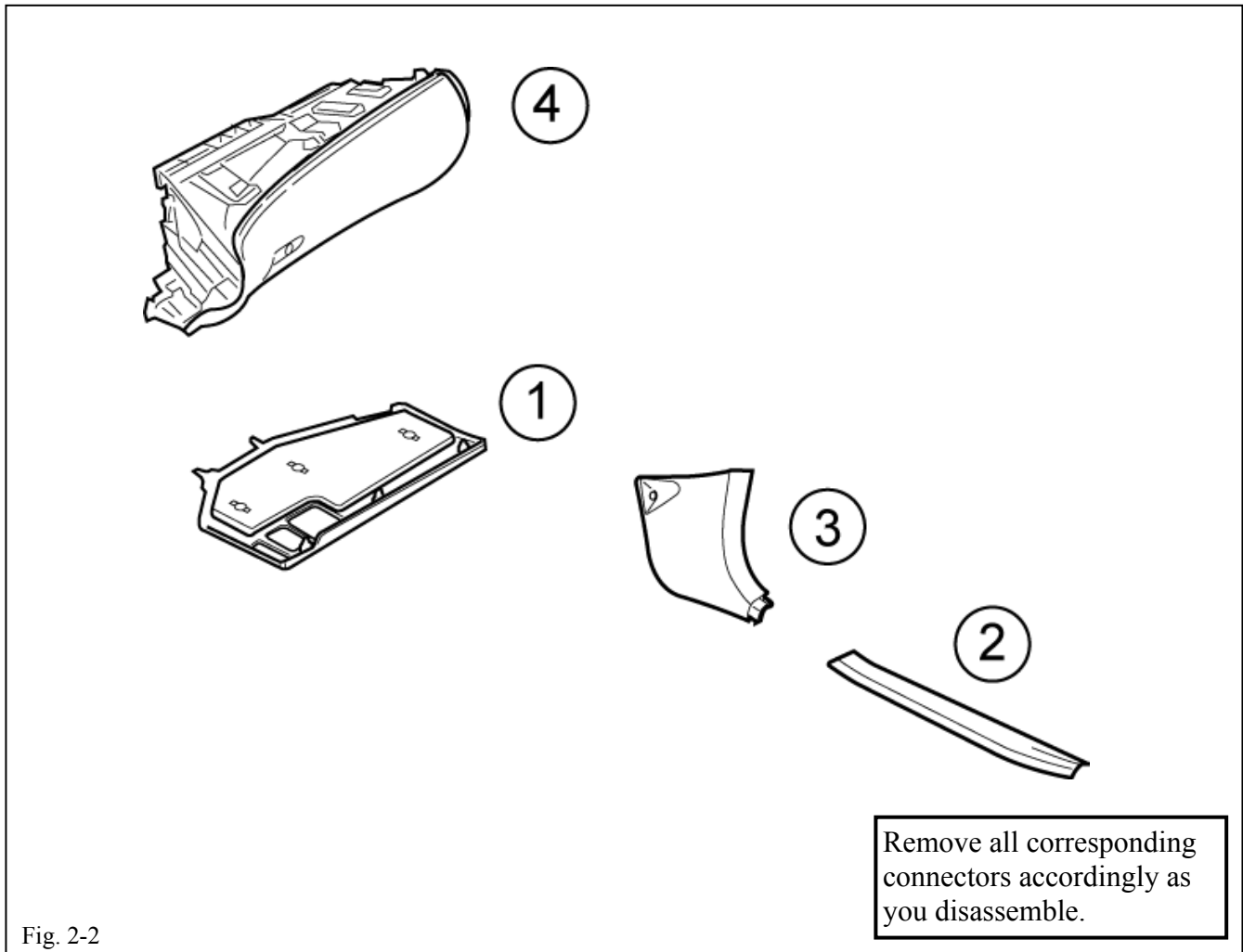
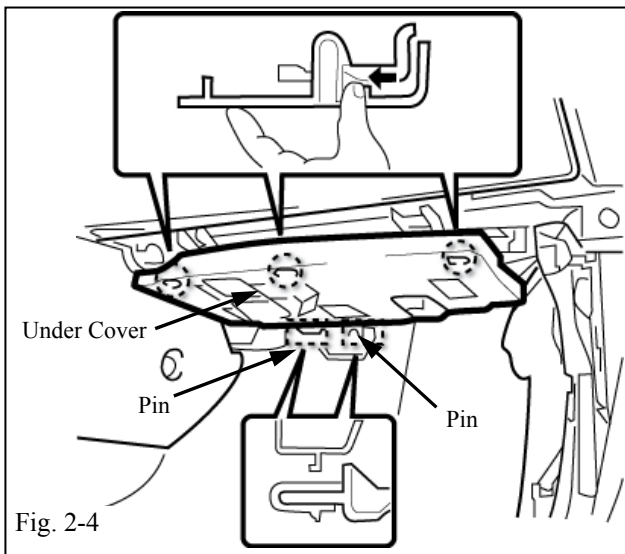
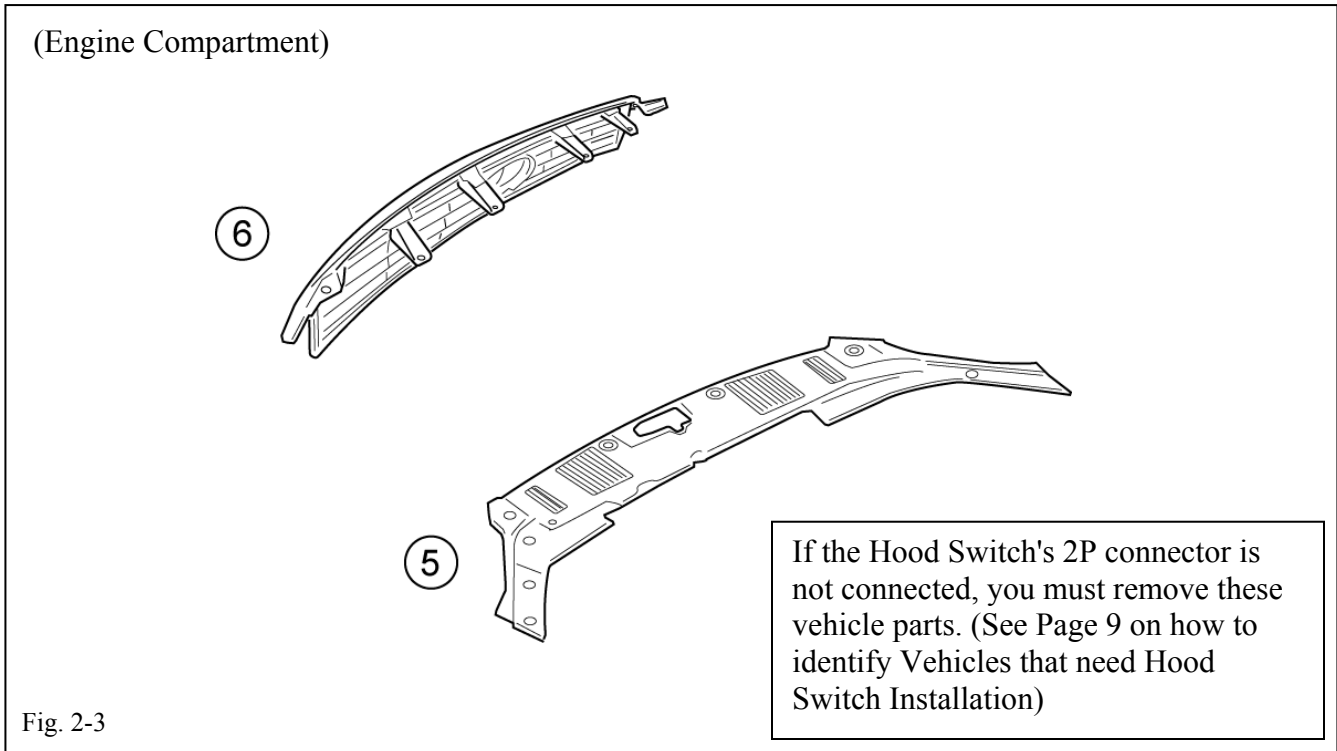


Fig. 2-2



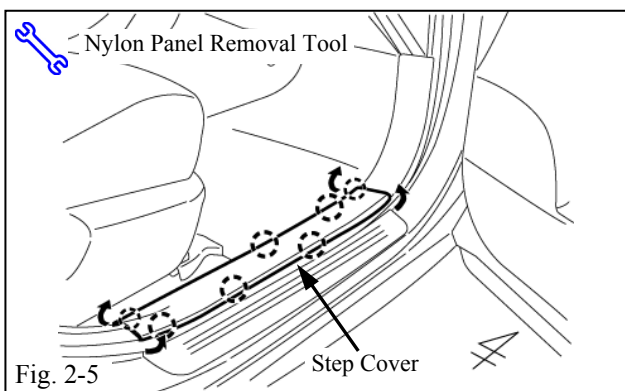
(c) Remove the Glove Box Under Cover.  
(Fig. 2-4)

(1) Disengage the 3 claws.

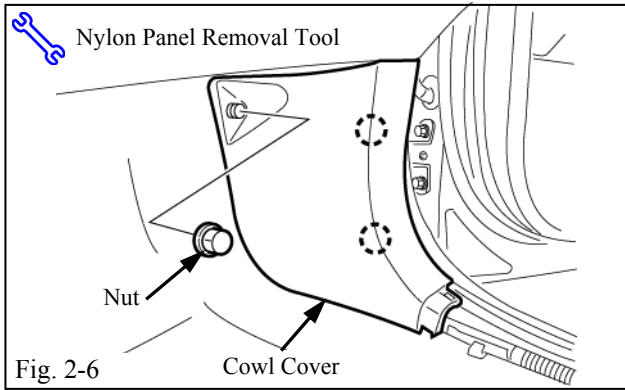
(2) Pull out the 2 guides.



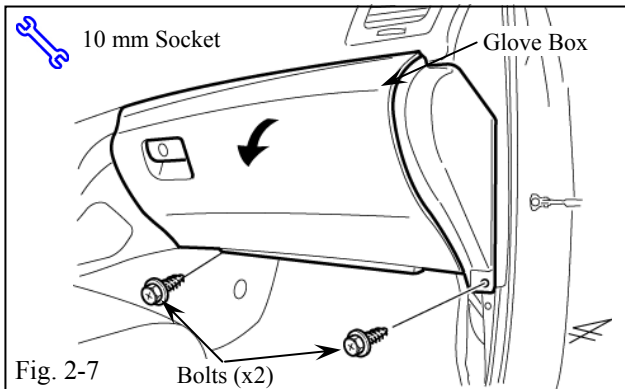
**CAUTION:** Removing the Under Cover without properly disengaging the Claws will break the Under Cover.



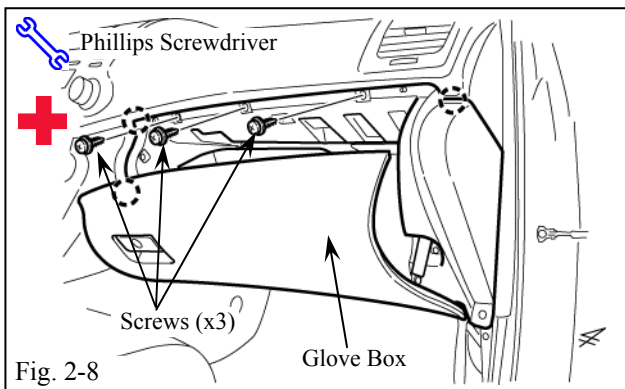
(d) Remove the Passenger's Step Cover.  
(Fig. 2-5)



- (e) Remove the Passenger's Cowl Cover. (Fig. 2-6)
  - (1) Remove 1 Nut.

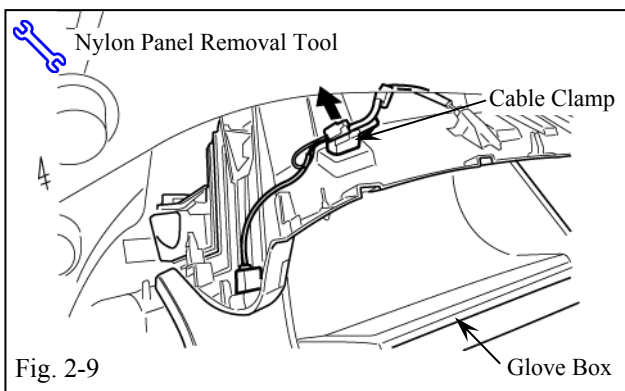


- (f) Remove 2 Bolts from the Glove Box. (Fig. 2-7)
- (g) Open the Glove Box. (Fig. 2-7)



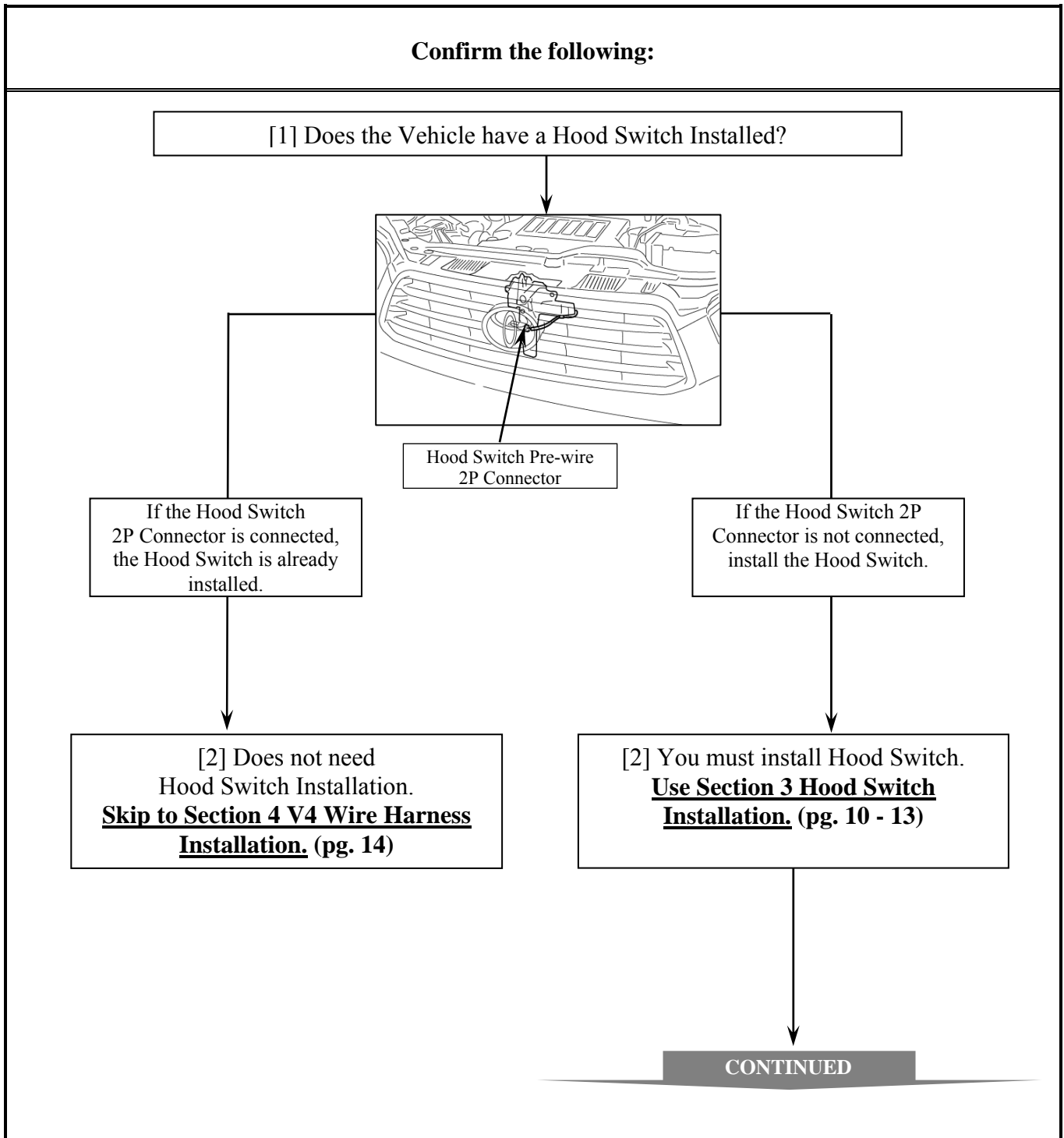
- (h) Remove 3 Screws from the Glove Box. (Fig. 2-8)
- (i) Dislodge the Glove Box. (Fig. 2-8)

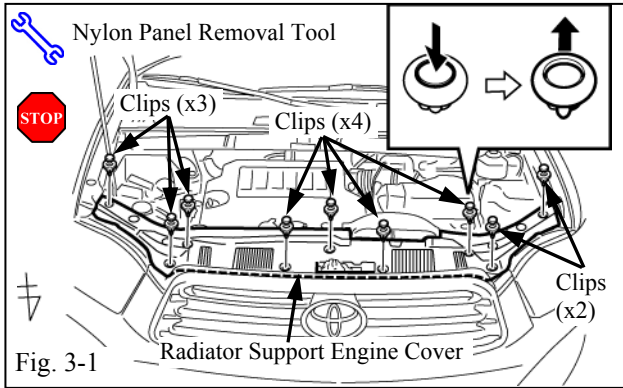
**+** CAUTION: Sharp metal edges.



- (j) Disconnect all Connectors from the Glove Box. (Fig. 2-9)
- (k) Remove the Cable Clamp from the Glove Box. (Fig. 2-9)
- (l) Remove the Glove box.



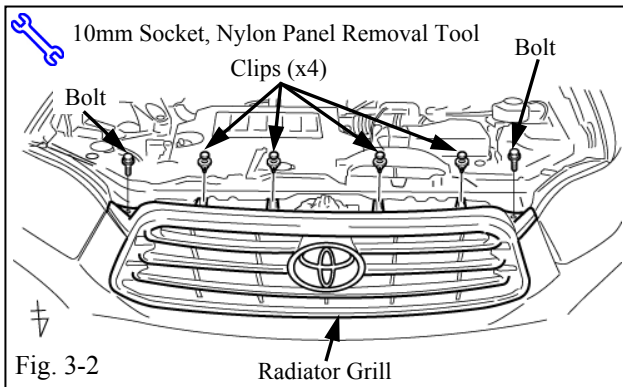




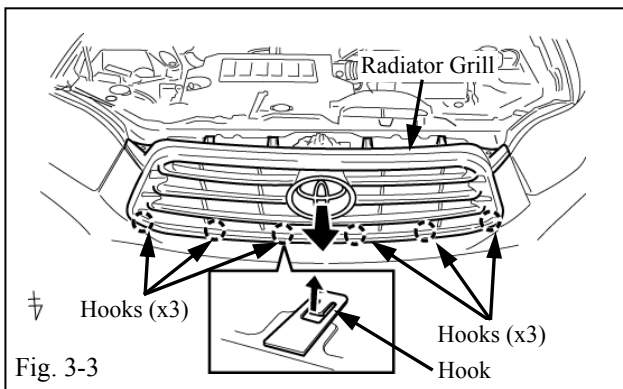
**3. Hood Switch Installation. (steps a-s)**

(a) Remove the Radiator Support Cover.  
(Fig. 3-1)

- (1) Protect the Bumper with Masking Tape before starting.
- (2) Push the center of the clip, then pull out and remove 9 Clips.

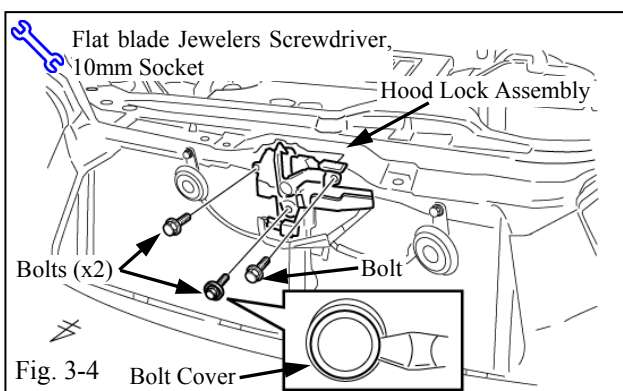


(b) Remove 2 Bolts and 4 Clips from the Radiator Grill. (Fig. 3-2)



(c) Remove the Radiator Grill. (Fig. 3-3)

- (1) Pull up and release 6 Hooks.

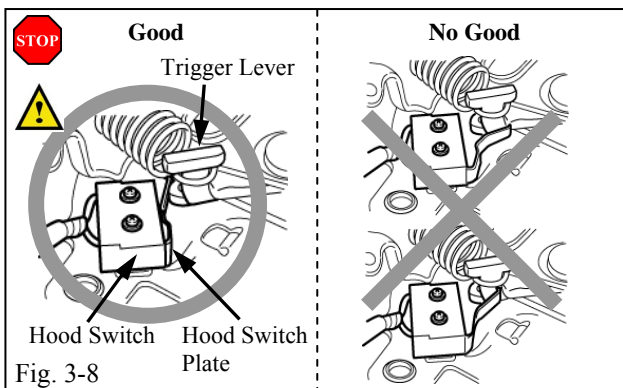
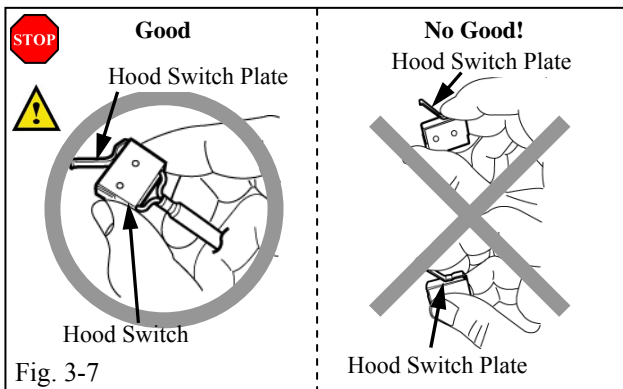
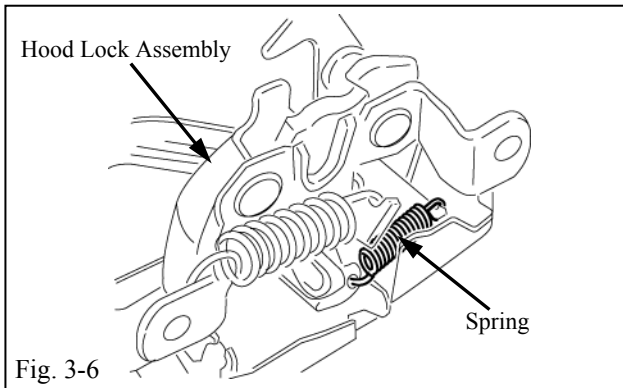
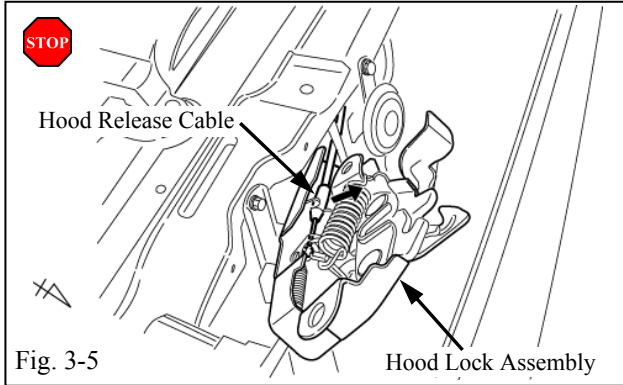


(d) Remove the Plastic Bolt Cover from the Hood Lock Assembly. (Fig. 3-4)

- (1) Discard the bolt cover.

(e) Loosen the Hood Lock Assembly.  
(Fig. 3-4)

- (1) Remove 3 Bolts.



(f) Disconnect the Vehicle Hood Release Cable from the Hood Lock Assembly. (Fig. 3-5)

(1) Do not bend the Hood Release Cable.

(g) Remove the Hood Lock Assembly. (Fig. 3-5)

(h) Remove the Spring from the Hood Lock Assembly. (Fig. 3-6)

(1) Take care not to bend the Spring during removal.



**CAUTION:** Carefully read before installing hood switch .

(i) Grip and hold both sides of the Hood Switch body. (Fig. 3-7)

(1) Do not hold or press down the Hood Switch Plate by its top part or by its sloped part. Otherwise the Hood Switch Plate will be deformed.

(2) If the Hood Switch is broken or deformed, the vehicle will not be able to start with Remote Engine Starter.

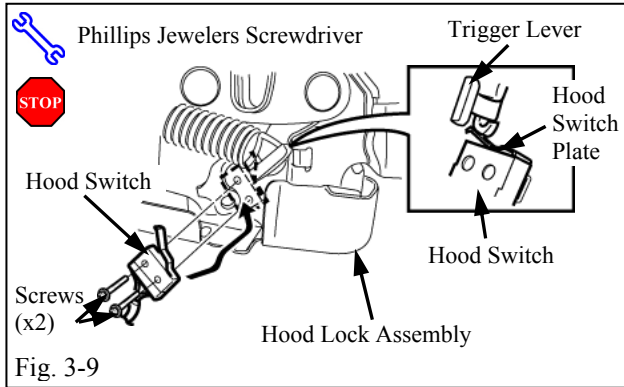


(j) When installing the Hood Switch to the Hood Lock Assembly. The Hood Switch Plate comes under the Hood Lock Trigger Lever. (Fig. 3-8)

(1) The Hood Switch Plate must not press against the edge of the Hood Lock Lever.

(2) The Hood Switch Plate must not go under the Hood Lock Trigger Lever.

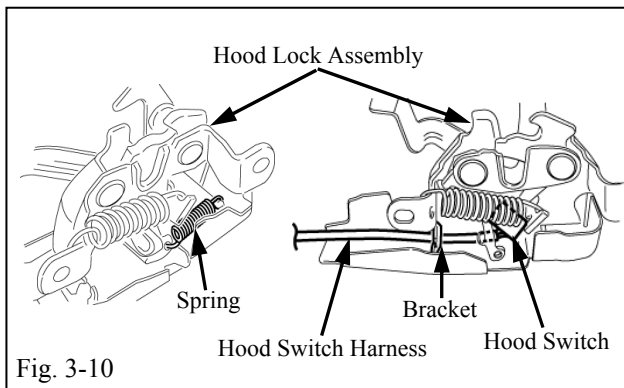
(3) If the Hood Switch is broken or deformed, the vehicle will not be able to start with Remote Engine Starter.



(k) Position the Hood Switch Plate so that it makes contact with the Hood Lock Trigger Lever underneath as shown. (Fig. 3-9)

(l) Using 2 Screws from the kit, install the Hood Switch. (Fig. 3-9)

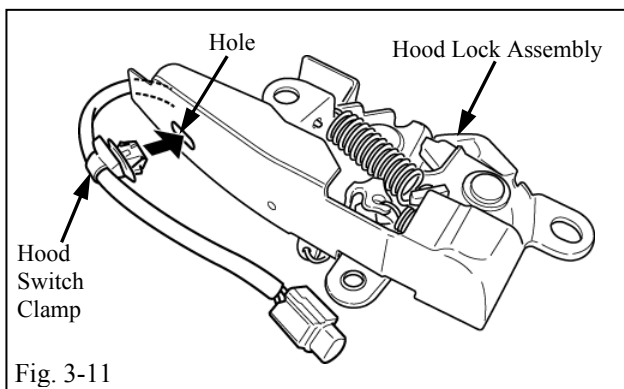
(1) Verify the Screws are tightened securely.



(m) Reinstall the Spring. (Fig. 3-10)

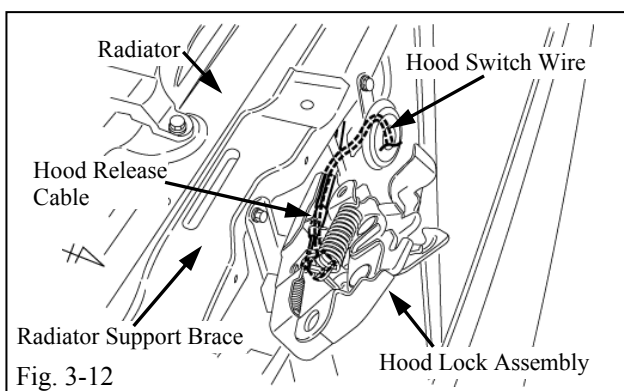
(n) Route the Hood Switch Harness as shown. (Fig. 3-10)

(1) Place the Hood Switch Harness under the Bracket in the Hood Lock Assembly.



(o) Secure the Hood Switch Clamp to the hole of the Hood Lock Assembly as shown. (Fig. 3-11)

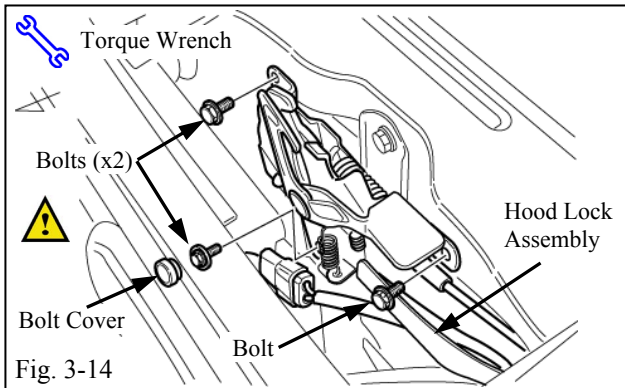
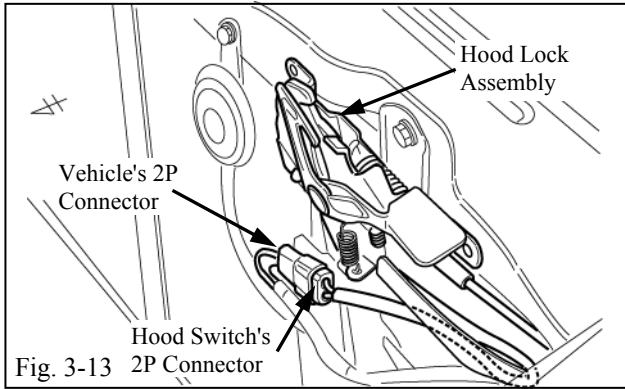
(1) Verify the Hood Switch Clamp is secured.



(p) Connect the Hood Release Cable to the Hood Lock Assembly. (Fig. 3-12)

(1) Fit the Braided Cable Ball into the Hood Lock Lever.

(2) Affix the Shielding Cable of the Hood Release Cable to the Hood Lock Assembly by pressing it down into the notch in the Hood Lock Assembly.



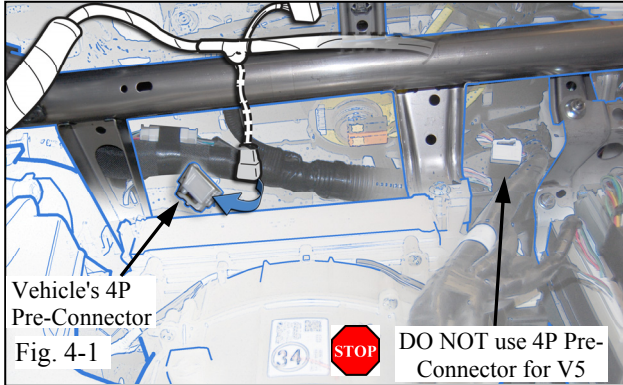
(q) Connect the Hood Switch Black 2P connector to the Vehicle's Black 2P Pre-connector.(Fig. 3-13)

(r) Reinstall the Hood Lock Assembly. (Fig. 3-14)

(1) Tighten the bolts from Driver's Side to Passenger's Side.

(2) Torque the bolts to 70.81 in•lbf (8.0 N•m).

(s) Reinstall the Bolt Cover using the Cover supplied in the Kit. (Fig. 3-14)

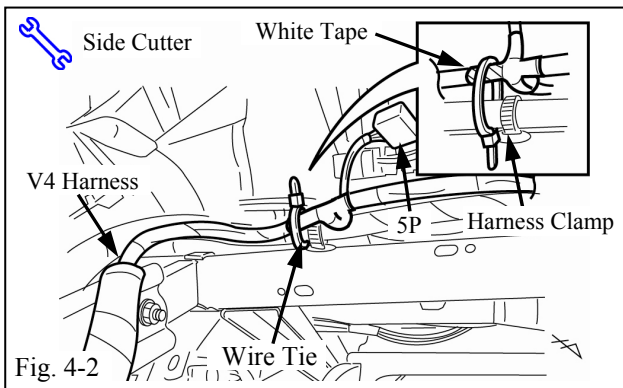


**4. V4 Wire Harness Installation.**

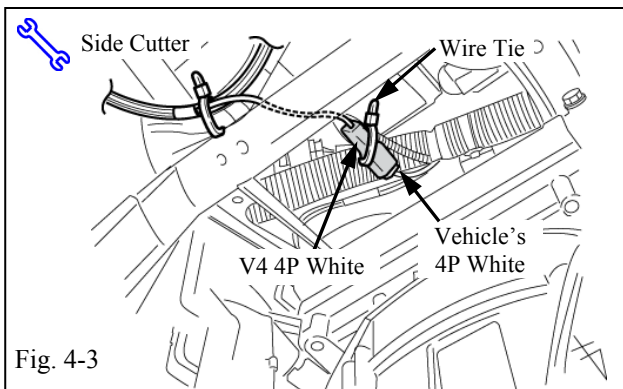
- (a) Route the V4 White Male 4P Connector between the Vehicle Brace and Air Bag Assembly as shown. (Fig. 4-1)
- (b) Locate and remove the Tape securing the Vehicle's White 4P Pre-Connector above the Blower Motor Housing, and connect it to the V4 Harness's 4P Connector. (Fig. 4-1)



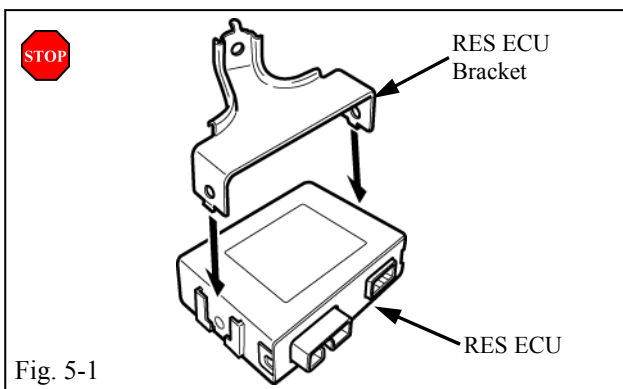
**CAUTION:** There are 2 Vehicle 4P Pre-Connectors. Make sure to use the one directly above the Blower Motor Housing.



- (c) Secure the left side of the V4 Harness's White Taped Marker to the left side of the Vehicle Harness Clamp with 1 Wire Tie. (Fig. 4-2)



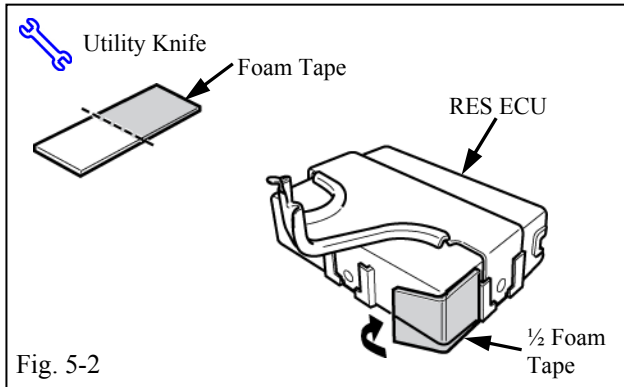
- (d) Secure the 4P WHITE Connectors to the Vehicle Harness with 1 Wire Tie. (Fig. 4-3)



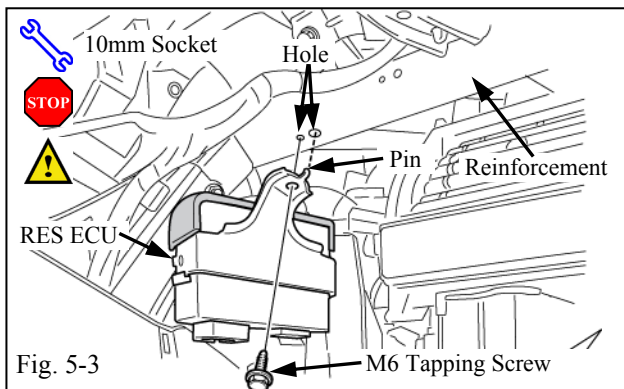
**5. RES ECU and Gateway ECU Preparation and Installation.**

- (a) Insert the RES ECU Bracket into the indicated Bracket Slots on the RES ECU. (Fig. 5-1)
  - (1) Ensure the Bracket is firmly attached to the ECU.

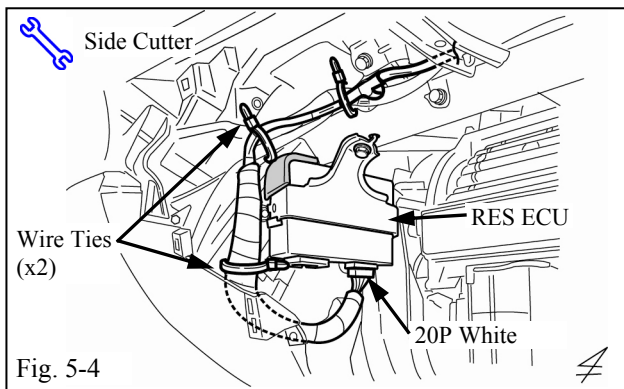




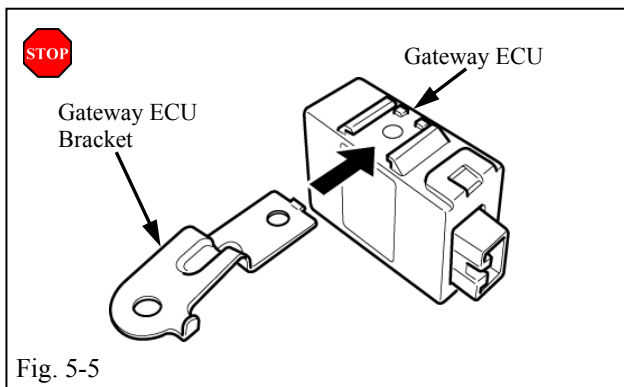
- (b) Cut 1 Foam Tape in half. Apply it to the RES ECU as shown. (Fig.5-2)
- (1) Do not discard the Extra Foam Tape.



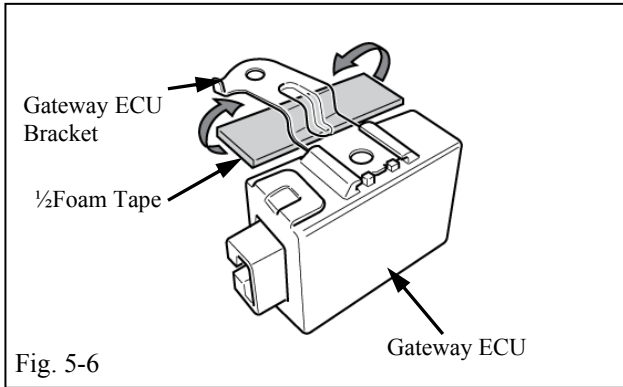
- (c) Using 1 M6 Tapping Screw from the Kit, install the RES ECU Bracket. (Fig. 5-3)
- (1) Make sure that the Bracket Pin Seats properly.
- (2) Do not over tighten the Screw.



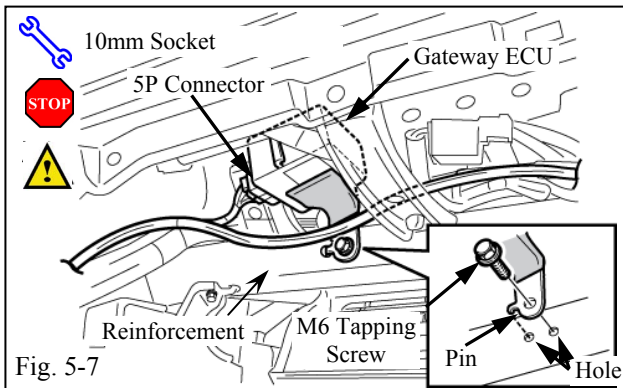
- (d) Connect the V4 Harness's White 20P Connector to the RES ECU. (Fig. 5-4)
- (e) Secure the V4 Harness to the Vehicle Harness with 2 Wire Ties. (Fig. 5-4)
- (f) Route the V4 Harness toward the right side of the Glove Box. (Fig. 5-4)



- (g) Install the Gateway ECU Bracket into indicated Bracket Slot on the Gateway ECU. (Fig. 5-5)
- (1) Ensure the Bracket is firmly attached to the ECU.



(h) Using the extra 1/2 of Foam Tape from Fig. 5-2 apply it to the Gateway ECU Bracket as shown. (Fig. 5-6)

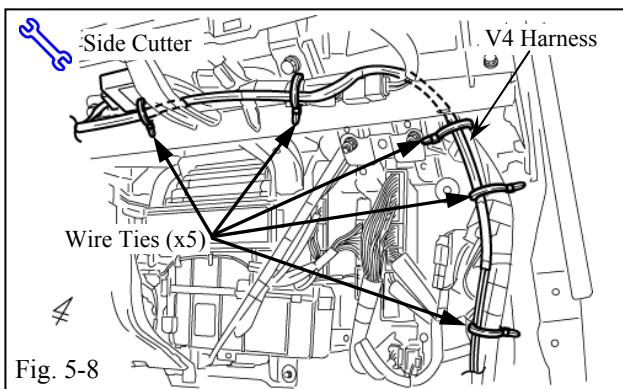


(i) Using 1 M6 Tapping Screw from the Kit, install the Gateway ECU Bracket. (Fig. 5-7)

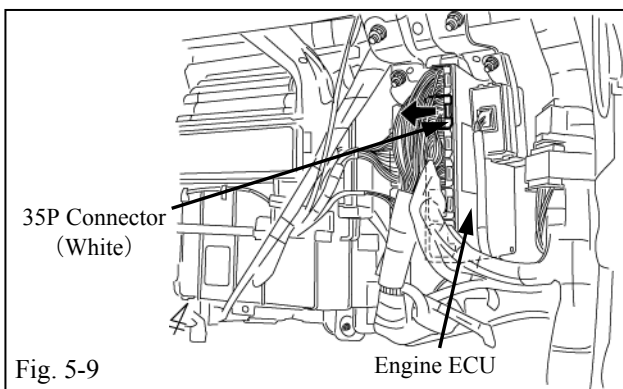
(1) Make sure that the bracket pin seats properly.

**CAUTION:** Do not over tighten the screw.

(j) Connect the V4 Harness's White 5P Connector to the Gateway ECU. (Fig. 5-7)

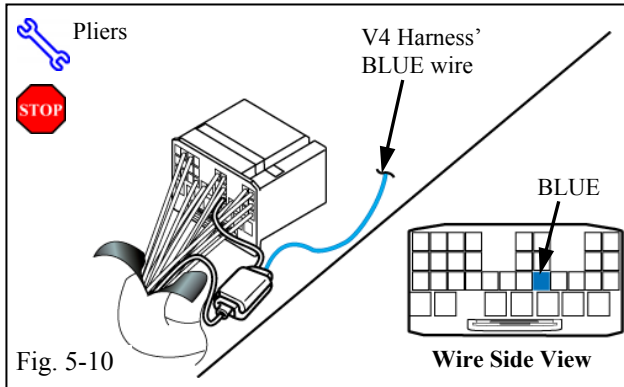


(k) Route the V4 Harness toward the Passenger Side Cowl Area, securing it to the Vehicle Harness with 5 Wire Ties. (Fig. 5-8)



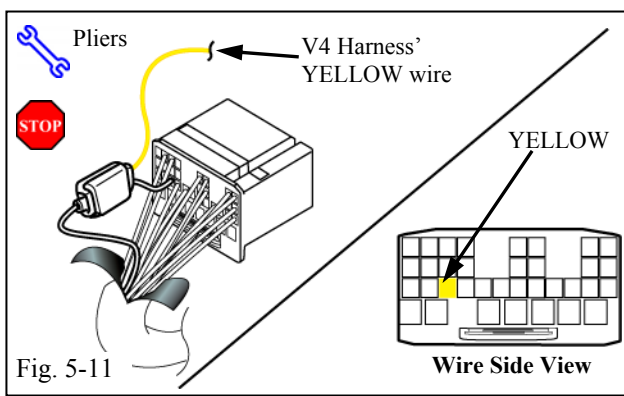
(l) Locate and disconnect the Vehicle Harness's 35P Connector (2<sup>nd</sup> from the top) from the Engine ECU. (Fig. 5-9)





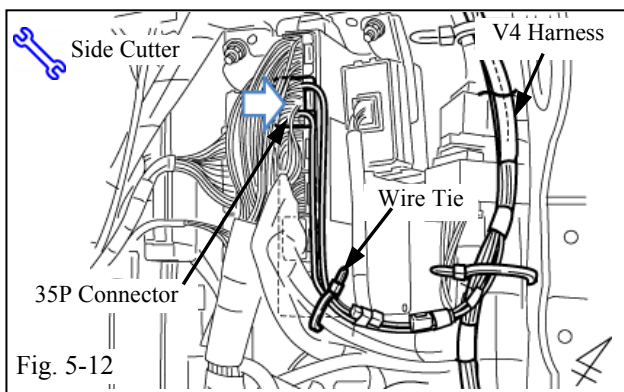
(m) Use a Splicing Connector to secure the V4 Harness' Blue Wire to the Wire on the 35P Vehicle Connector as shown. (Fig. 5-10)

**STOP** **VERIFY:** That the Wire is spliced properly.



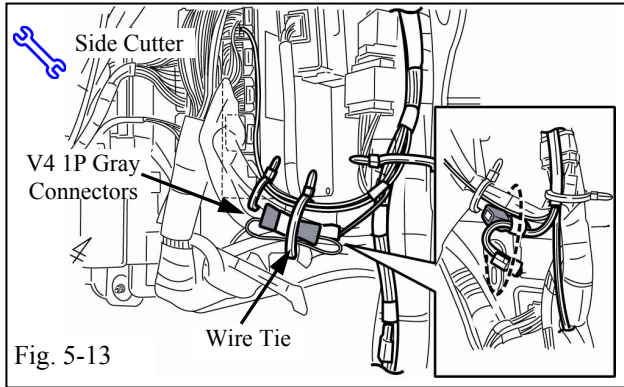
(n) Use a Splicing Connector to secure the V4 Harness' Yellow Wire to the Wire on the 35P Vehicle Connector as shown. (Fig. 5-11)

**STOP** **VERIFY:** That the Wire is spliced properly.



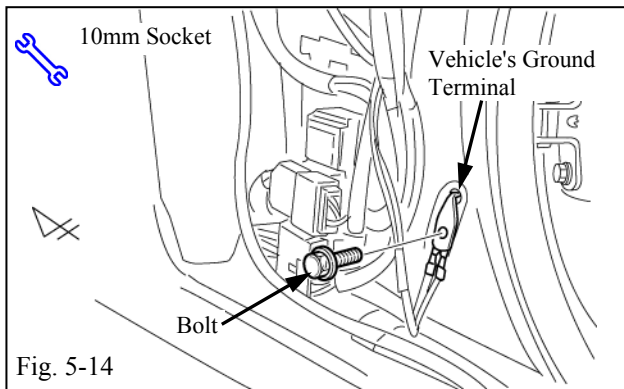
(o) Reconnect the 35P Connector to the Engine ECU. (Fig. 5-12)

(p) Secure the V4 Harness's YELLOW and BLUE Wires to the Vehicle Harness with 1 Wire Tie. (Fig. 5-12)



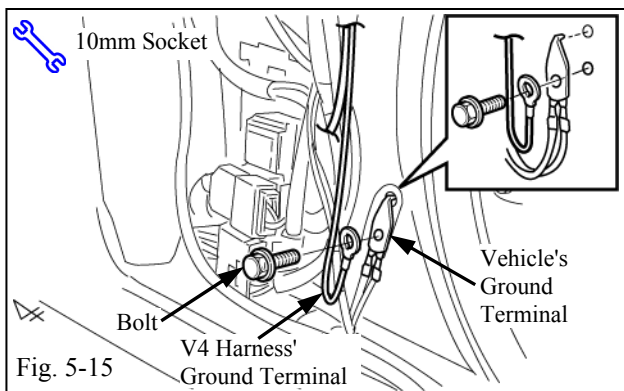
**FOR VEHICLES WITHOUT FACTORY ALARM ONLY (step q)**

- (q) Secure the V4 1P Gray Connectors and V4 Harness to the Vehicle Harness with 1 Wire Tie. (Fig. 5-13)



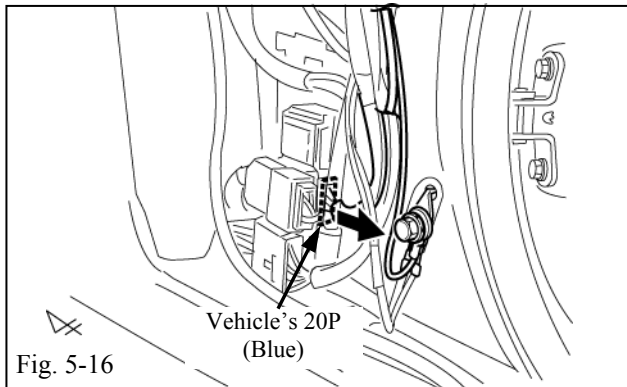
- (r) Remove 1 Bolt securing the Vehicle's Ground Terminal from the Passenger's Side Cowl Area. (Fig. 5-14)

(1) Do not discard the Bolt.

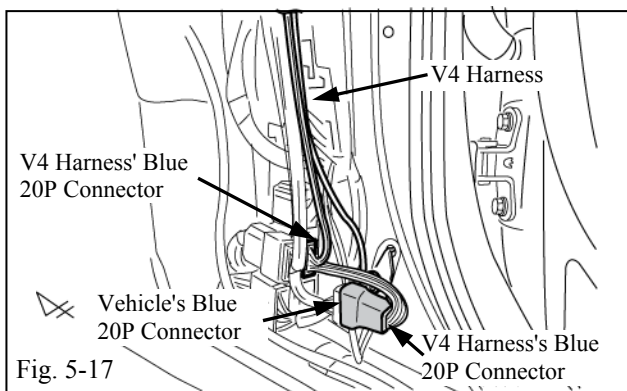


- (s) Use the existing Vehicle's Bolt to secure the V4 Harness's Ground Terminal to the Vehicle's Ground Terminal. (Fig. 5-15)

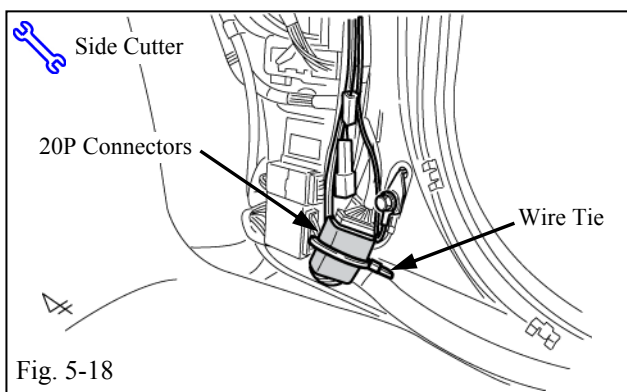
(1) Make sure that the Vehicle Ground Terminal pin seats properly.



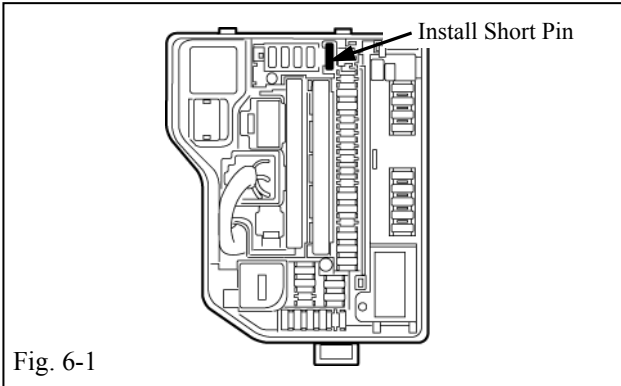
(t) Locate and disconnect the Vehicle's Blue 20P Connector from the Passenger's Side Cowl Area. (Fig. 5-16)



(u) Plug in the V4 Harness's Blue 20P Connectors in between the Passenger Side Connector Block and the Vehicle's 20P Connector. (Fig. 5-17)

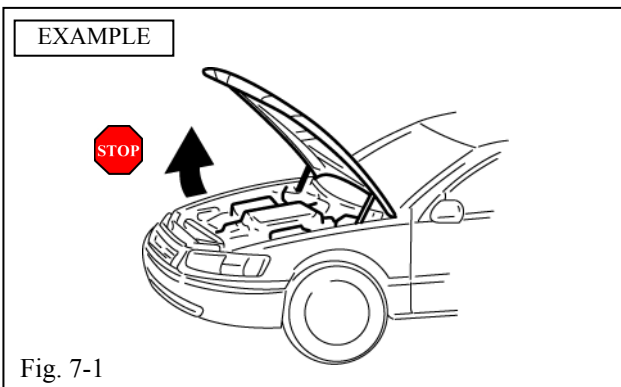


(v) Use 1 Wire Tie to secure the 20P Connectors to the Vehicle Harness. (Fig. 5-18)




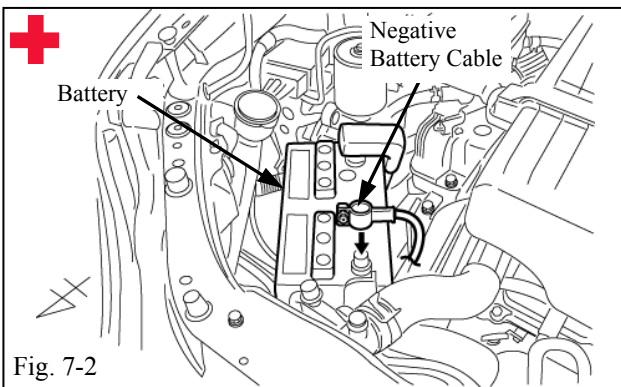
### 6. Partial Reassembly.


- (a) Reassemble the Vehicle, except for the Passenger's Cowl Cover, and Step Cover. Reconnect any disconnected connectors.
- (b) Verify that the Short Pin is installed.  
(Fig. 6-1)
  - (1) If not, install the Short Pin.

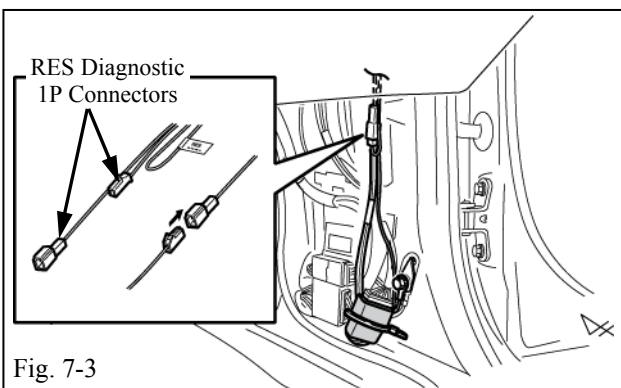


### 7. Registration Process.

- (a) Open the Hood. (Fig. 7-1)
  -  Do not close the Hood during the Registration Setting Procedure. (Steps b-bb)



- (b) Temporarily reconnect the Vehicle's Negative Battery Cable. (Fig. 7-2)
  -  **CAUTION:** Do not touch the positive terminal.



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

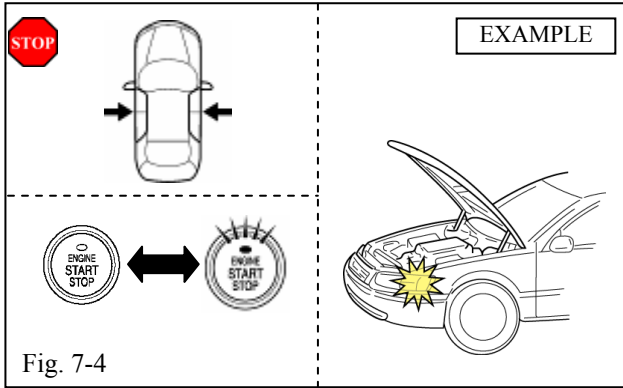


Fig. 7-4

- (d) Ensure all Doors are closed and the Smart Key is in your possession. (Fig. 7-4)
- (e) Cycle the “Engine Start Stop” Button from “OFF” to “ON” 5 times. (Fig. 7-4)
  - (1) Place the Shift Lever in the "P" (parking) or "N" (neutral) Position.

**NOTE:** One cycle consists of:  
 OFF→Accessory→ON  
 this is equivalent to pressing the “Engine Start Stop” Button 14 times.

- (f) Once the fifth cycle has been completed, the Hazard Lights Flash once. (Fig. 7-4)
- (g) Press the “Engine Start Stop” Button once more to turn the ignition to OFF. (Fig. 7-4)

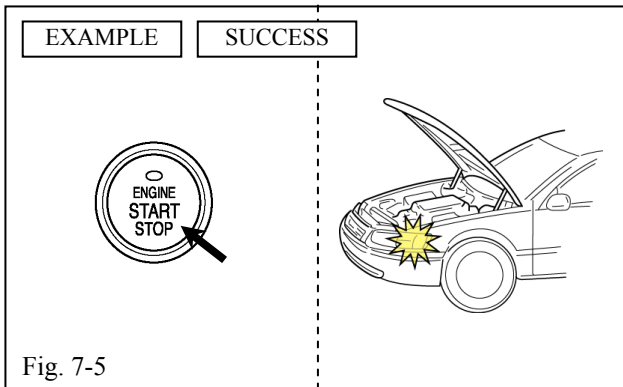


Fig. 7-5

- (h) Start the Engine, after 10 seconds stop the engine. (Fig. 7-5)
- (i) The Hazard Lights flash once. (Fig. 7-5)

**Go to step j**

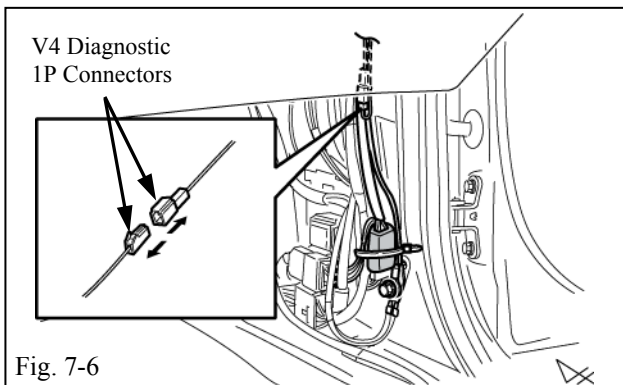


Fig. 7-6

If this procedure failed, the Hazard Lights flashes Twice or won't flash.

- Disconnect the V4 Harness's White 1P Connector in the Passenger's Side Cowl Area. (Fig. 7-6)
- Start again from step c.

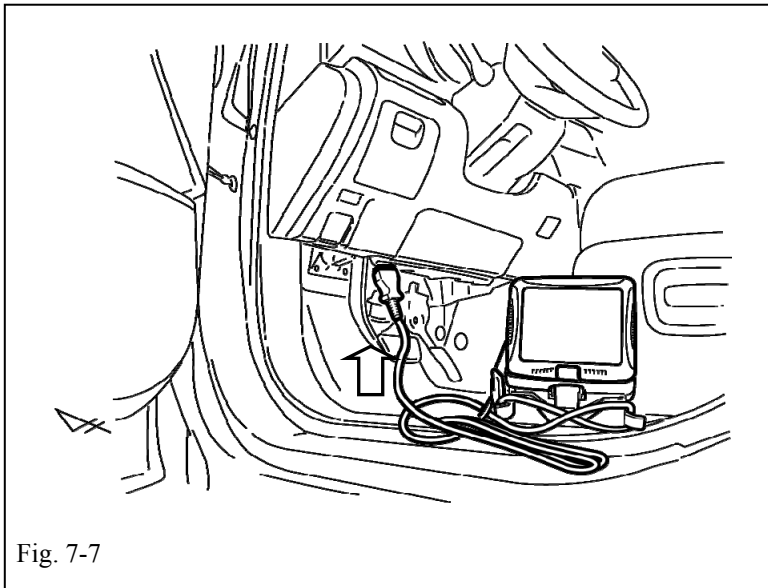


Fig. 7-7



**CAUTION:** Techstream Lite will not work for this section, use the Techstream Notebook ONLY.

- (j) Connect the Techstream Notebook to the Vehicle's Diagnostic Port. (Fig. 7-7)
- (k) Start the TIS Techstream Application by clicking on the shortcut located on the Desktop.
- (l) With the Smart Key in your possession, press the "Engine Start Stop" Button twice to select the Ignition "ON" position.

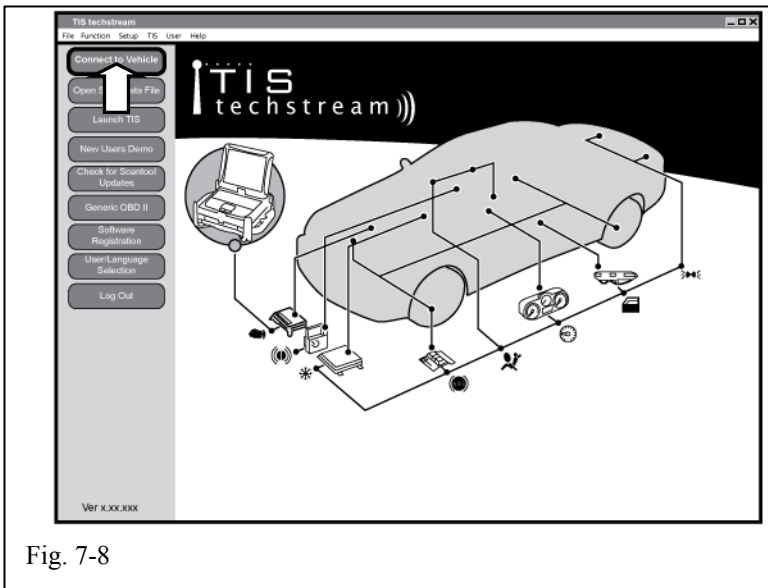


Fig. 7-8

- (m) Click "Connect to Vehicle" (Fig. 7-8)

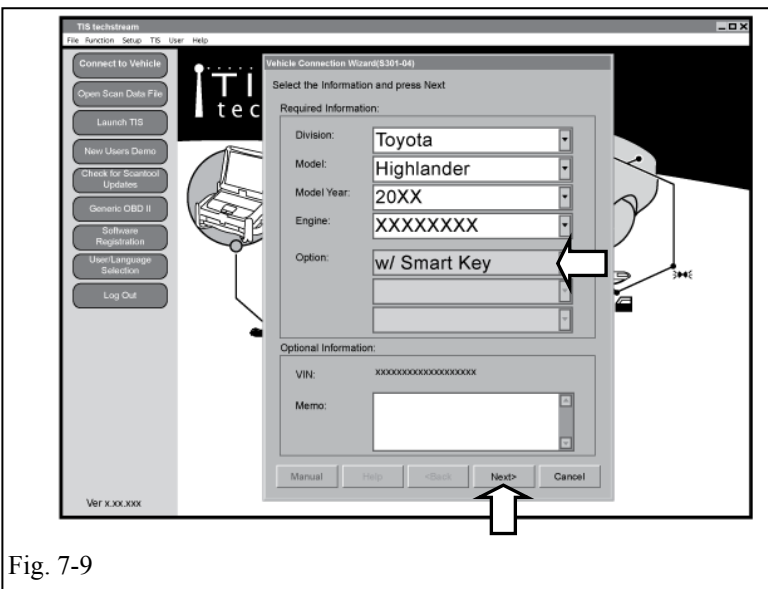


Fig. 7-9

- (n) Confirm that the information displayed on the Vehicle Connection Wizard is correct for the vehicle. If not verify that the Techstream is properly connected. (Fig. 7-9)
- (o) Select w/ Smart Key. (Fig. 7-9)
- (p) Click "Next>." (Fig. 7-9)

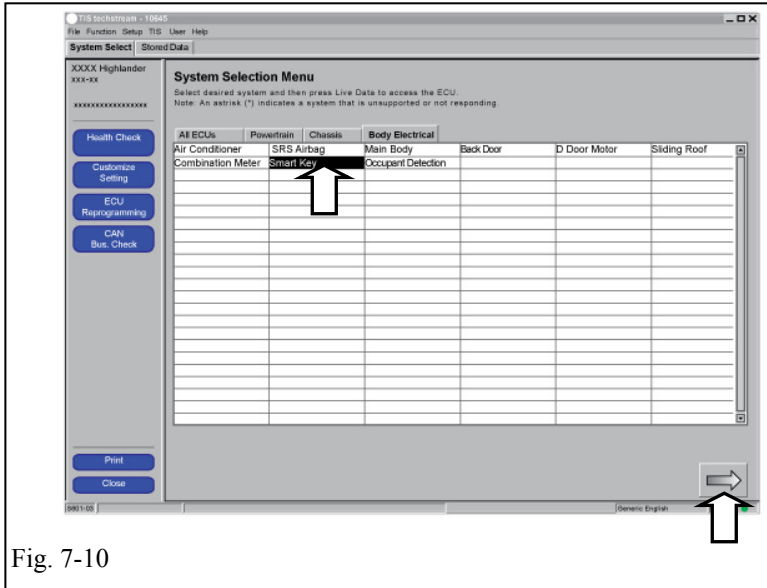


Fig. 7-10

(q) Select “Smart Key”  
(Fig. 7-10)

(r) Click  (Fig. 7-10)

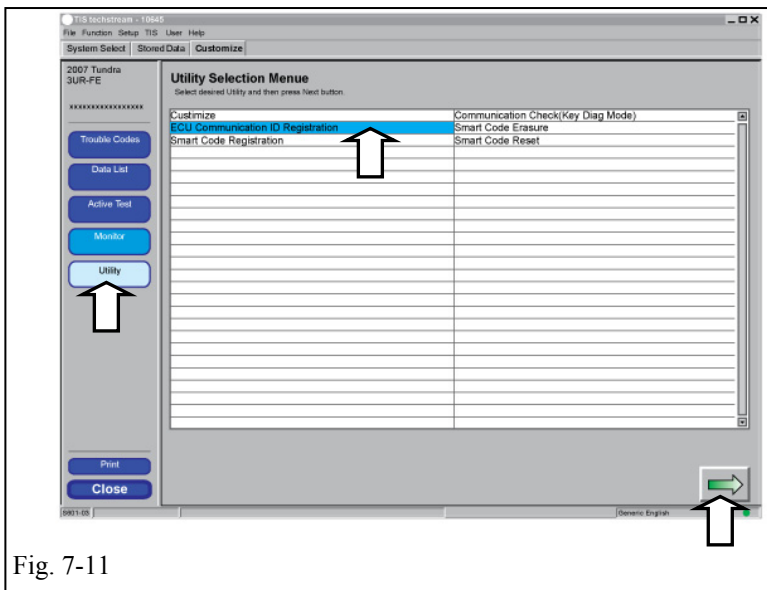
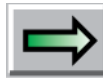


Fig. 7-11

(s) Click “Utility.” (Fig. 7-11)

(t) Select “ECU Communication  
ID Registration” (Fig. 7-11)

(u) Click  (Fig. 7-11)

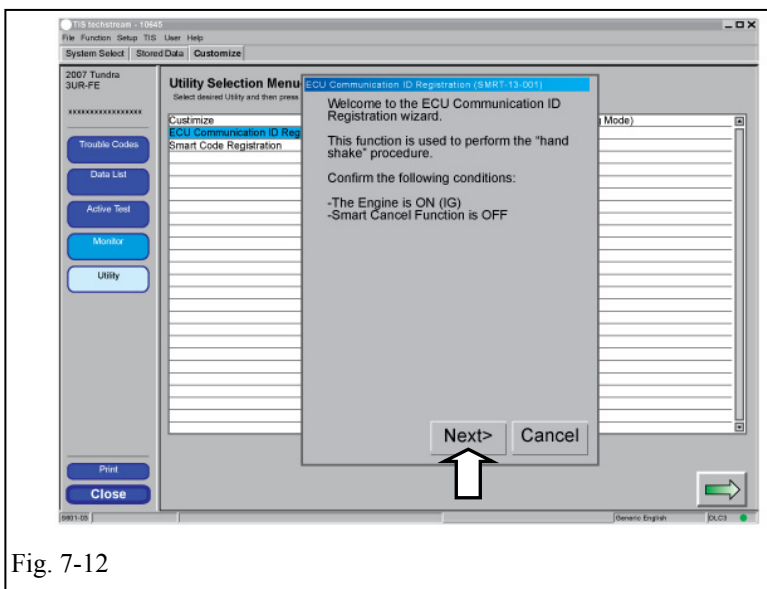


Fig. 7-12

(v) Click “Next” (Fig. 7-12)

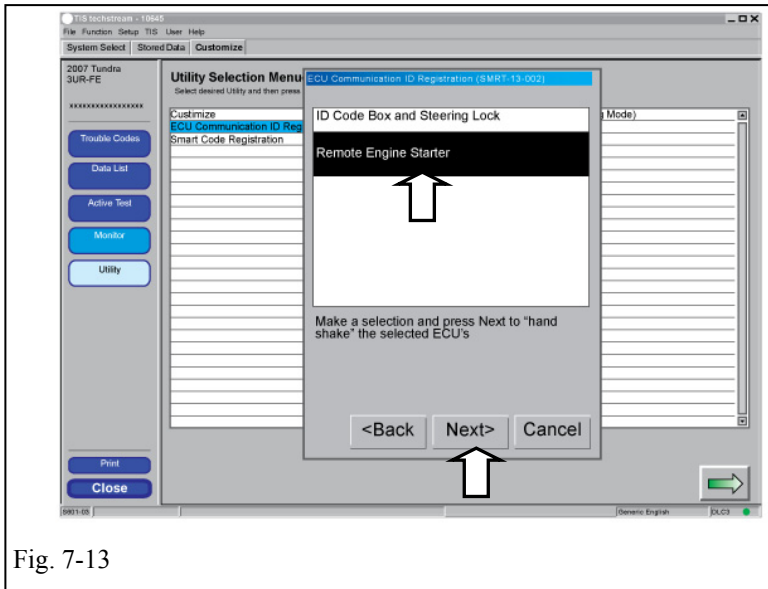


Fig. 7-13

- (w) Select "Remote Engine Starter" (Fig. 7-13)
- (x) Click "Next" (Fig. 7-13)

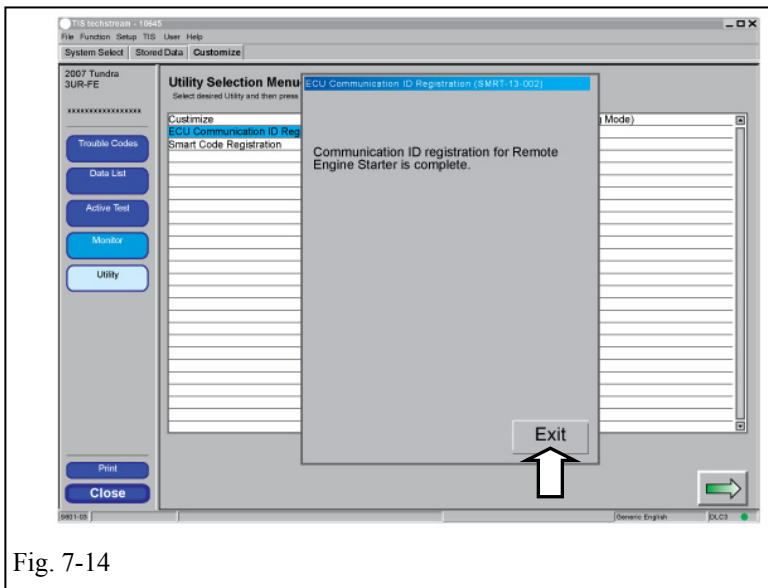


Fig. 7-14

- (y) Click "Exit" (Fig. 7-14)

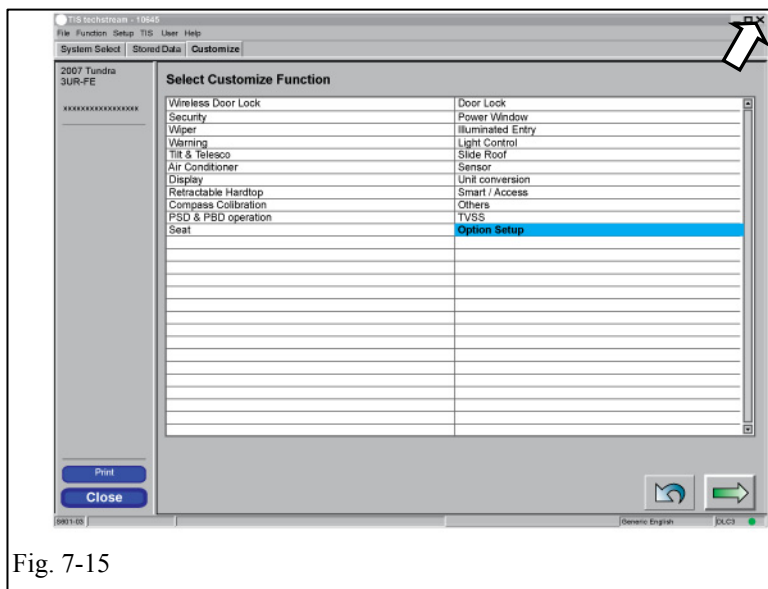

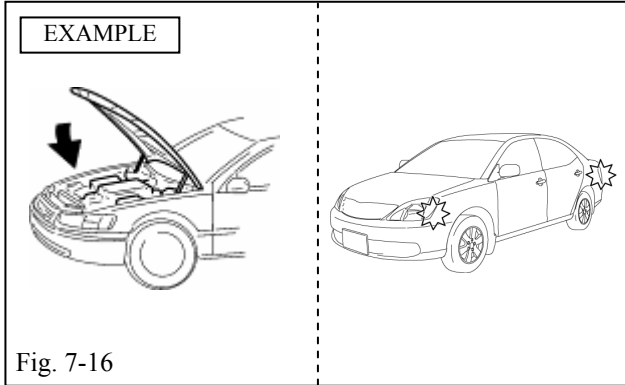


Fig. 7-15

- (z) Click  to close the Techstream Application. (Fig. 7-15)



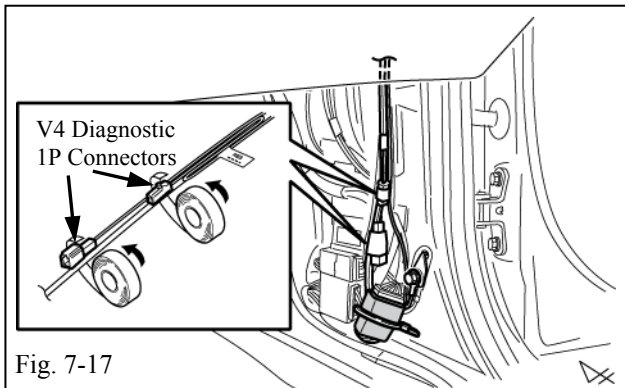


(aa) Close the Hood. (Fig. 7-16)

(bb) The Hazard Lights flash twice. Registration completed (Fig. 7-16)

If you fail this procedure, the Hazard Lights flash 3 times. Registration will not set.

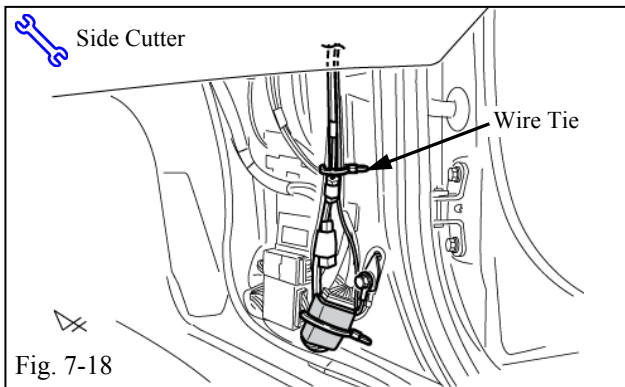
Start again from Step c.



(cc) Disconnect the V4 Harness's 1P Diagnostic Connectors. (Fig. 7-17)

(dd) Secure the V4 Harness and 1P Connectors with Electrical Tape as shown. (Fig. 7-17)

(ee) Press the "Engine Start Stop" Button to the "OFF" (Indicator Light off) position.

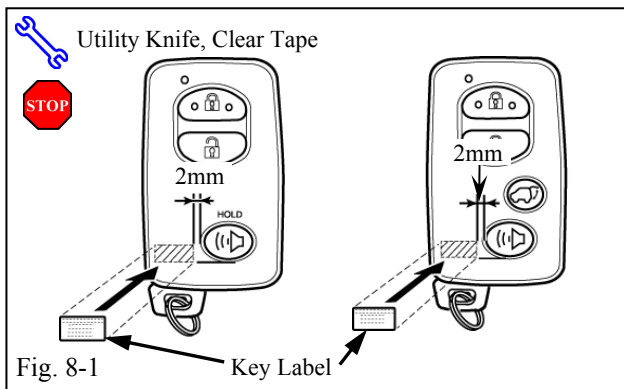


(ff) Secure the V4 Harness to the Vehicle Harness with 1 Wire Tie. (Fig. 7-18)

**8. Tags and Label Installation.**

**STOP** For US Vehicles use the English Labels and discard the Spanish Labels.

**STOP** For Mexico Vehicles use the Spanish Labels and discard the English Labels.



(a) Remove 2 of the Remote Controls from their protective bag. (Fig. 8-1)

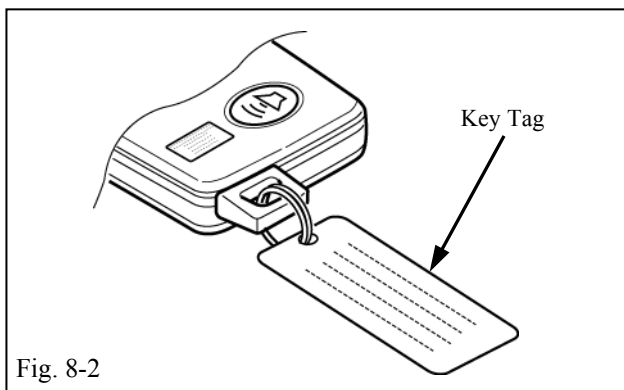
(1) Use a utility knife, to cut a slit in each bag.

(b) Using VDC approved cleaner and Cleaning Method, clean the area indicated on the Remote Controls. (Fig. 8-1)

(c) Attach the Key Label to the Remote Controls as shown. (Fig. 8-1)

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

**STOP** **CAUTION:** Do not touch the adhesive surface.



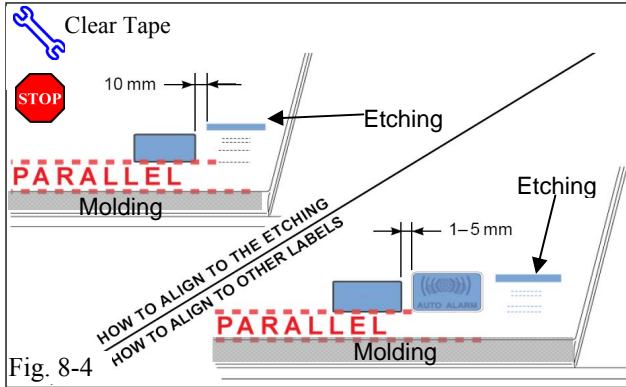
(d) Attach the Remote Engine Starter Tags to the Remote Controls. (Fig. 8-2)



(e) Using VDC approved cleaner and Cleaning Method, clean the area indicated on the Engine Compartment Cover. (Fig. 8-3)

(f) Attach the Warning Label to the Hood 5mm from the Vehicle Label and centered vertically. (Fig. 8-3)

**STOP** **CAUTION:** Do not touch the adhesive surface.



(g) Use Household Glass Cleaner to clean the inside of the Front Door Window.

(h) Use a piece of Clear Tape to lift the Label from its protective backing.

**STOP** CAUTION: Do not touch the adhesive surface.

(i) Attach the Label as shown. (Fig. 8-4)

**STOP** NOTE: Make sure to Align according to Etching or Other Label. (Fig. 8-4)

**REPEAT:** steps g–i with the other Window.

## 9. Completing the Installation.

(a) Complete the reassembly of the vehicle.

**STOP** (1) Verify that panels fit together properly, with no uneven gaps.

(b) Position the Negative Battery Cable at the original factory position. (Fig. 9-1)

(1) Tighten the nut to 36in•lbf (4.07 N•m)



**+** CAUTION: Do not touch the Positive Terminal.

(c) Clean up and remove any Trash.

(d) Sealed in its protective bag, place the Owner's Guide in the Glove Box.

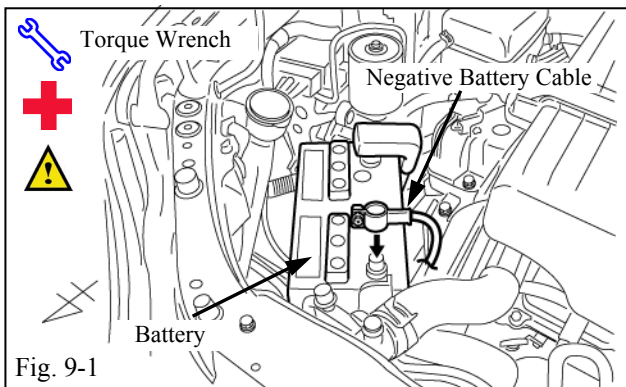
(e) Reset the Power Windows.

(1) With the Remote Control Key in your Possession, Press the "Engine Start Stop" Button twice to select the "ON" position.

(2) Push down the Power Window Switches, and lower the windows halfway.

(3) Pull up the switches until the windows close.

(4) Continue holding up on the switches for a minimum of 1 second.



**Accessory Function Checks**

Close the hood, enter the vehicle and close all doors. Place the shift lever in the “P” (Park) position, set the parking brake and make sure the Vehicle is off.

Perform		Look For
1	Press the remote control's lock button twice within 2 seconds, then press and hold the lock button for 3 seconds.	The hazard lights flash after 3 seconds. The engine starts. The hazard lights flash repeatedly for 20 seconds.
2	With the engine running, pull the hood release handle. <b>NOTE:</b> <i>Some Vehicles may require you to exit the Vehicle and pull up on the Hood.</i>	The engine stops. The hazard lights flash once. The security alarm triggers (only if equipped with OE Factory Alarm, not Genuine Accessory alarm, and only if armed)
3	Move the shift lever out of “P” (Park). Attempt to start the Vehicle using the remote.	The engine does not start.








**Vehicle Function Checks**

Function	Function
----------	----------

**Enter the Vehicle**

<input type="checkbox"/> Dome/Courtesy Lights	<input type="checkbox"/> Steering Wheel Column Adjusts Without Interference
<input type="checkbox"/> Horn	

**Start the Vehicle**

<input type="checkbox"/> Starter	<input type="checkbox"/> Gauges
<input type="checkbox"/> Panel/Switch Illumination	<input type="checkbox"/> ABS Light (if equipped) <i>If the warning light remains on, it may indicate a system malfunction.</i> 
<input type="checkbox"/> Lamp Failure Sensor <i>If the warning light remains on, it may indicate a system malfunction.</i> 	<input type="checkbox"/> Track/Skid Control Light (if equipped) <i>If the warning light remains on, it may indicate a system malfunction.</i> 
<input type="checkbox"/> Seat Belt Warning Light <i>If the warning light remains on, it may indicate a system malfunction.</i> 	<input type="checkbox"/> Tire Pressure Monitoring System (TPMS)  <i>Prior to TPMS activation and Pre-delivery Service (PDS) of the Vehicle the TPMS light will blink when IG is turned on.</i>  <i>After TPMS activation and PDS of the Vehicle the TPMS light will illuminate for a few seconds and go off when IG is turned on.</i> 
<input type="checkbox"/> Air Bag Warning Light <i>If the warning light remains on, it may indicate a system malfunction.</i> 	
<input type="checkbox"/> Cruise Control Light (if equipped) 	

**Using a Mirror or Assistant check the following.**

<input type="checkbox"/> Trunk/Tailgate/Bed Lights (if equipped)	<input type="checkbox"/> Tail Lights
<input type="checkbox"/> Brake Lights	<input type="checkbox"/> Daytime Running Lights (if equipped)
<input type="checkbox"/> Backup Lights	<input type="checkbox"/> Marker Lights
<input type="checkbox"/> Clearance Sonar (if equipped)	

**Stop the Engine, Place the Vehicle's IG in the ON position.**

<input type="checkbox"/> Hazard Lights	<input type="checkbox"/> Turn Signal Lights
<input type="checkbox"/> Head Light	<input type="checkbox"/> Fog Lights (if equipped)
<input type="checkbox"/> High Beams	<input type="checkbox"/> Accessory Controls/Illumination (if equipped)
<input type="checkbox"/> Power Side Mirrors (if equipped)	<input type="checkbox"/> Convenience Memory Settings (if equipped)
<input type="checkbox"/> Power Sliding Door (if equipped)	<input type="checkbox"/> Rear Sunshade (if equipped)

Function		Function	
<input type="checkbox"/>	Front Wiper/Washer	<input type="checkbox"/>	Rear Wiper/Washer (if equipped)
<input type="checkbox"/>	Power Sun/Moon Roof (if equipped)	<input type="checkbox"/>	Rollover Side Curtain Air Bag Switch (RSCA) (if equipped)
<input type="checkbox"/>	Clock (if equipped)	<input type="checkbox"/>	Navigation System (if equipped)
<input type="checkbox"/>	Audio/Video (if equipped)	<input type="checkbox"/>	HVAC
<input type="checkbox"/>	Steering Wheel Audio Control (if equipped)	<input type="checkbox"/>	Rear Window Defogger (if equipped)
<input type="checkbox"/>	Front Windshield Defogger (if equipped)	<input type="checkbox"/>	Accessory Power Socket (if equipped)
<input type="checkbox"/>	Side Mirror Defogger (if equipped)	<input type="checkbox"/>	Heated/Vented Seats (if equipped)
<input type="checkbox"/>	Massage Seats (if equipped)		
<input type="checkbox"/>	Glovebox Light (if equipped)	<input type="checkbox"/>	Passenger Air Bag Switch (if equipped)
<input type="checkbox"/>	Power Locks (if equipped)	<input type="checkbox"/>	Power Windows (if equipped)
<input type="checkbox"/>	Power Seats (if equipped)	<input type="checkbox"/>	Key Sensor Buzzer

**Remove the short pin after Function check.**  
 Check with your Port/Dealer to see if this step is necessary.

