

Part Number: 08586-3T930

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

Conflicts

Note: Must not be installed in vehicles with Factory Alarm System.

Recommended Sequence of Application

Item #	Accessory	
1	V5/V4	
2	Satellite Radio	

*Mandatory

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Wire Harness
2	1	Yellow Wire
3	1	GBS ECU
4	1	GBS Mounting Bracket
5	1	Microphone

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	Self-tapping Screw
2	4	Foam Tapes
3	30	Wire Ties
4	2	Splicing Connector
5	1	M6 Nut
6	2	V5 Warning Labels w/Red Tag English/Spanish
7	2	V2 Window Labels (discard)
8	2	V5 Key Tag English/Spanish
9	1	Warranty Card
10	1	V2 Owner's Guide (discard)
11	1	V5 Owner's Guide

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	(Optional)
Vehicle Protection	Blankets, Part Boxes

Special Tools	Notes
Techstream	
Striker Tool (PPO Only)	CAD-E IADS P/N: ALL 02-016-01
Installation Tools	Notes
Phillips Head Screwdriver	#2, screwdriver or tip
Flatblade Screwdriver	Small, Regular
Socket	10 mm, extension
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)
Pliers	
Tape	Clear, Electrical
Special Chemicals	Notes
Cleaner	VDC Approved Cleaner
Glass Cleaner	Household Glass Cleaner

Additional Items Required For Installation

Item #	Quantity Req'd.	Description

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.



SAFETY TORQUE: 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.

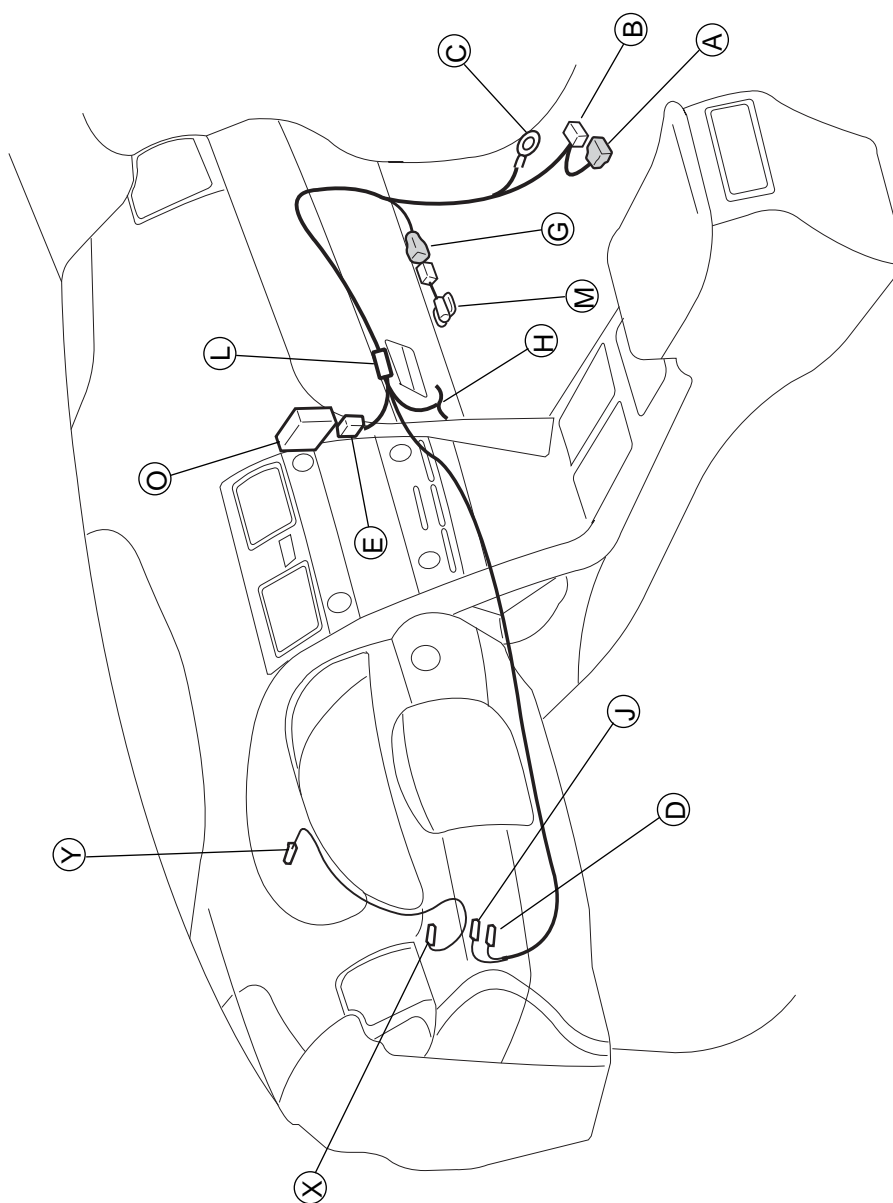
This document covers such items as:

- 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

TVIP	Vehicle	Description
A	EO2	20P Blue
B	EO2	20P Blue
C	—	Ground Terminal
D	E9	Wire Terminal (Blue Wire)
E	—	8P White (for GBS ECU)
G	—	2P White (for Microphone)
H	—	Wire Terminal (Yellow Wire)
J	E9	Wire Terminal (Red Wire)
L	—	White Tape
M	—	Microphone
O	—	GBS ECU
X	E7	Wire Terminal (Yellow Wire) Only use if the Vehicle do not have Yellow Wire on the Vehicle's No. E7 Connector
Y	3R	Wire Terminal (Yellow Wire) Only use if the Vehicle do not have Yellow Wire on the Vehicle's No. E7 Connector

Wire Harness Outline





1. Vehicle Disassembly.

- (1) Protect the Fender before starting.

- (2) Note the Battery cable position, as it will be re-installed in the same position.

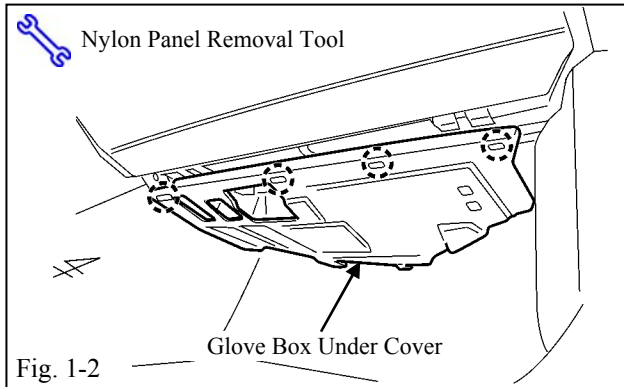
CAUTION: Do not touch the Positive battery terminal.



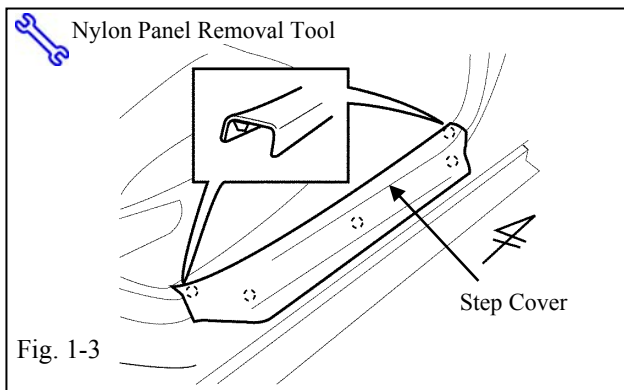
PASSENGER SIDE

DRIVER SIDE

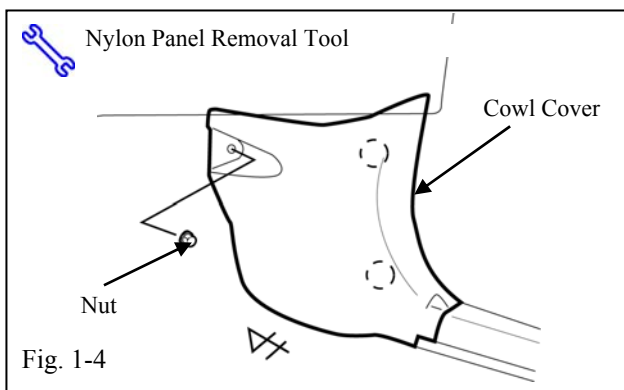
1	Glove Box Under Cover
2	PS Step Cover
3	PS Cowl Cover
4	Glove Box
5	DS Step Cover
6	DS Cowl Cover
7	Lower Dash Cover
8	DS Knee Airbag
9	Upper Trim Panel
Disconnect all Corresponding Connectors	



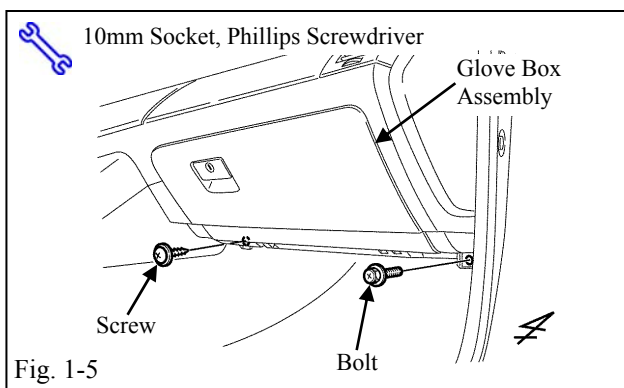
- (c) Remove the Glove Box Under Cover.
(Fig. 1-2)



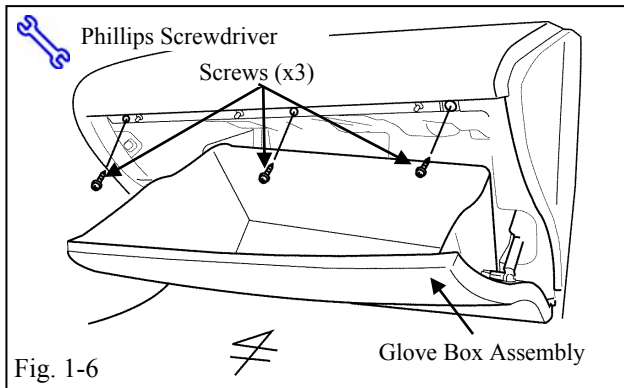
- (d) Remove the Passenger's Step Cover.
(Fig. 1-3)



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

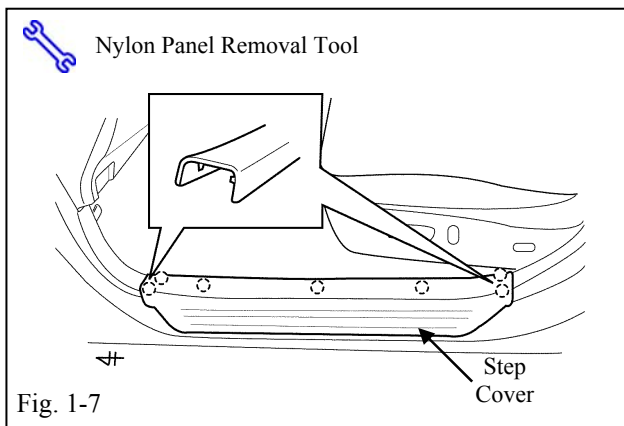


- (f) Remove 1 Screw and 1 Bolt from the Glove Box Assembly. (Fig. 1-5)

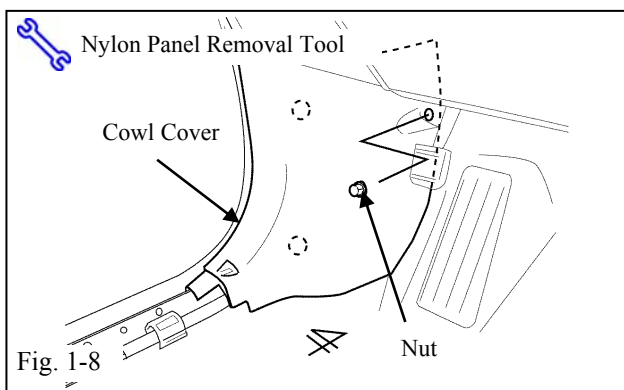


(g) Remove the Glove Box Assembly. (Fig. 1-6)

(1) Remove 3 Screws.

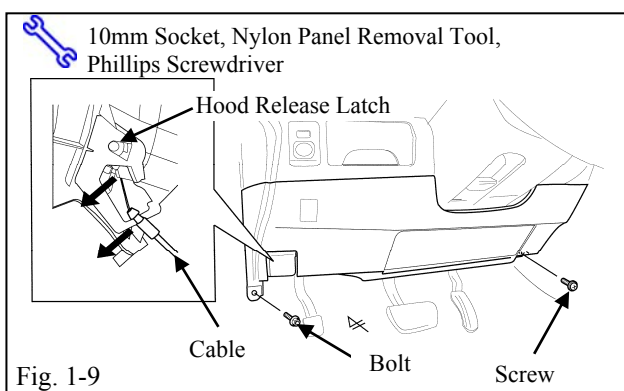


(h) Remove the Driver's Step Cover. (Fig. 1-7)



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

(1) Remove 1 Nut.

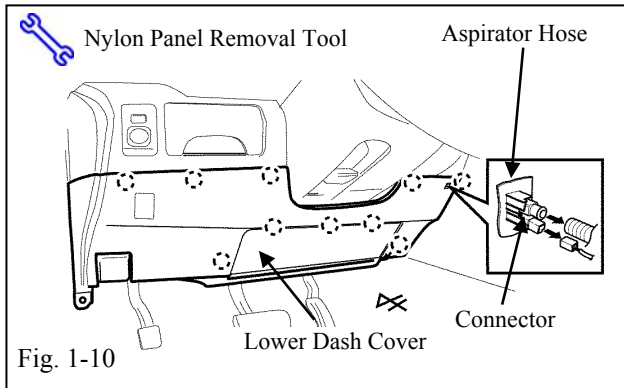


(j) Remove 1 Bolt and 1 Screw. (Fig. 1-9)

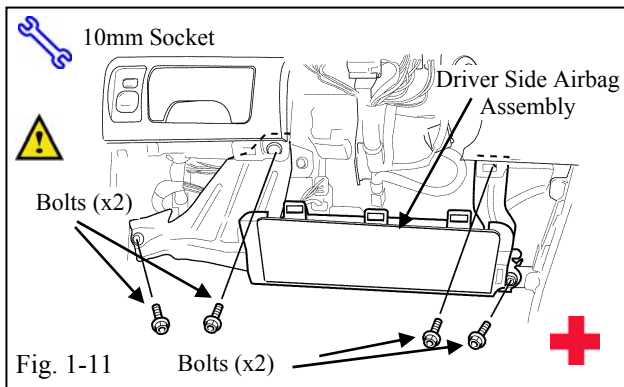
(k) Loosen the Lower Dash Cover. (Fig. 1-9)

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

(1) Do not bend the Hood Release Cable.



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



(n) Carefully remove the Driver's Side Knee Airbag Assembly. (Fig. 1-11)

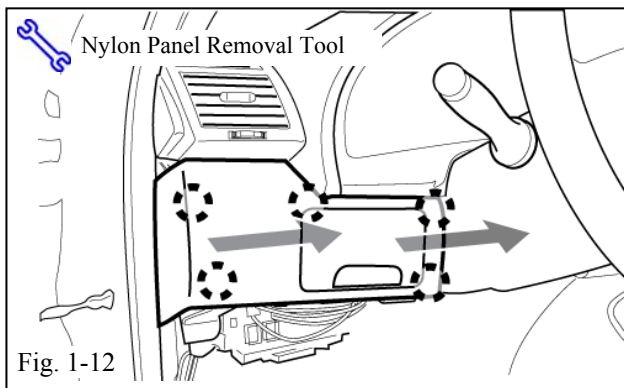
(1) Remove 4 Bolts.



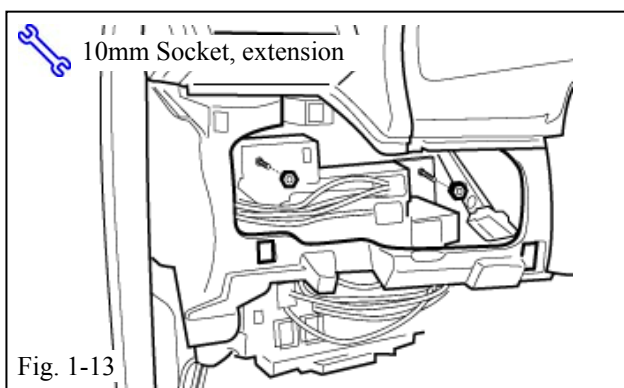
CAUTION: Sharp metal edges.

(2) Do not disconnect the Airbag.

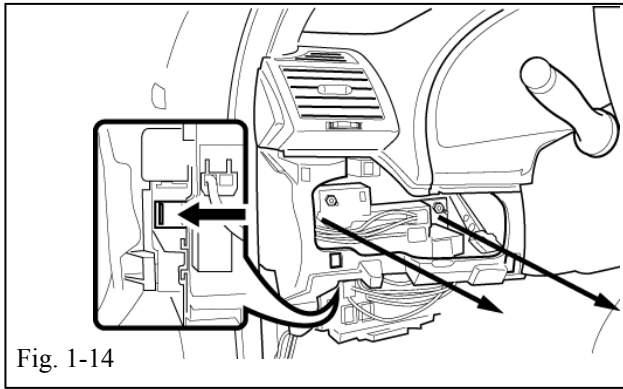
(3) Wrap the Airbag Assembly in a Blanket use the V5 Kit Box to support the Airbag Assembly.



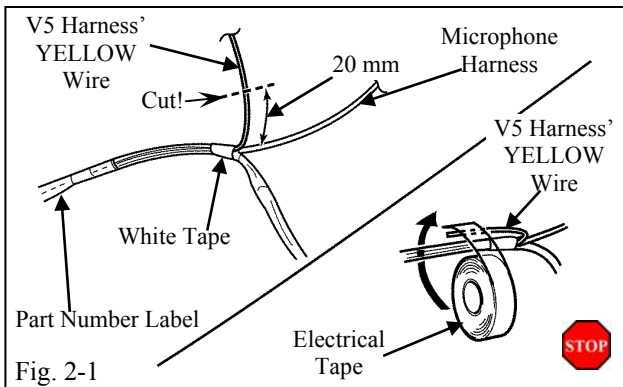
(o) Remove the Left Upper Trim Panel. (Fig. 1-12)



(p) Remove 2 Bolts from the Driver's Side Junction Box. (Fig 1-13).

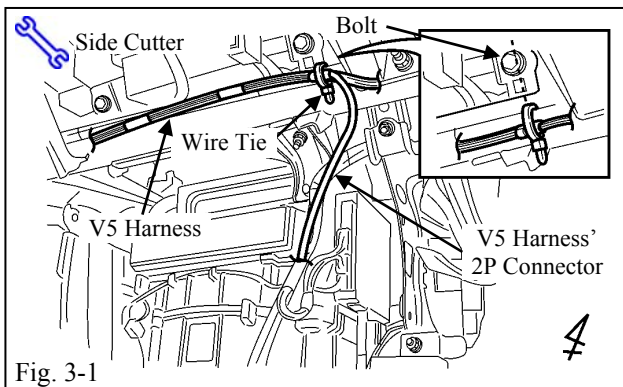


- (q) Dislodge the Driver's Side Junction Box.
(Fig. 1-14)
- (1) Release the Plastic Clip from the Metal Tab.



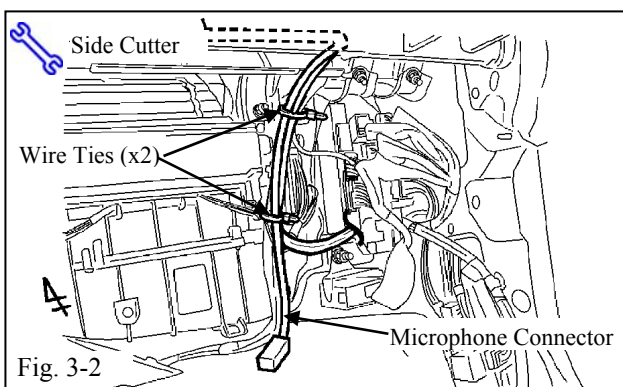
2. V5 Harness Installation Preparation

- (a) Locate the Yellow Wire near the White Tape Marker on the V5 Harness. Cut the Yellow Wire 20 mm from the branch. (Fig. 2-1)
- (1) Do not cut other wires.
- (b) Tape the Yellow Wire to the V5 Harness with Electrical Tape. (Fig. 2-1)

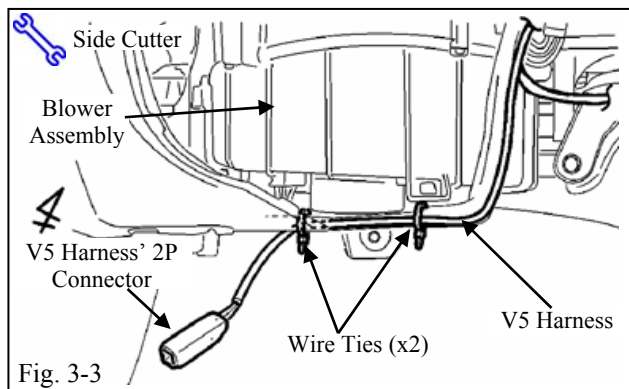


3. V5 Harness Installation (Passenger's Side)

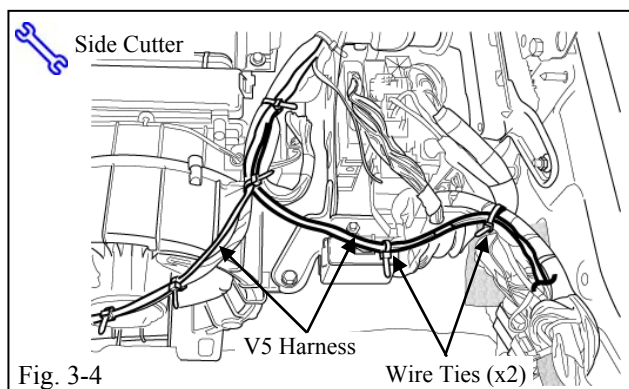
- (a) Secure the White Tape Marker on the V5 Harness, to the Vehicle harness, with 1 Wire Tie. (Fig. 3-1)
- (1) Align the Wire Tie to the right of the Bolt securing the Passenger's Side Airbag Assembly.



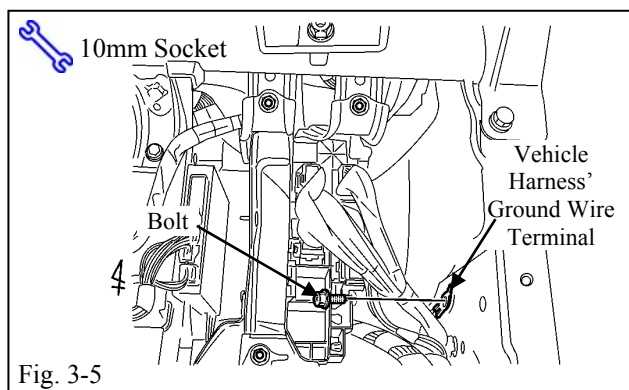
- (b) Route and secure the V5 Harness to the Vehicle harness with 2 Wire Ties. (Fig. 3-2)



- (c) Route and secure the V5 Harness to the Vehicle harness with 2 Wire Ties. (Fig. 3-3)

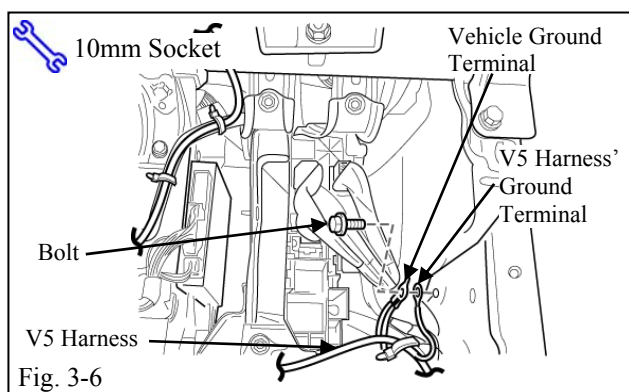


- (d) Route and secure the V5 Harness' Blue 20P Connector and Ground Wire Terminal to the Vehicle harness with 2 Wire Ties. (Fig. 3-4)



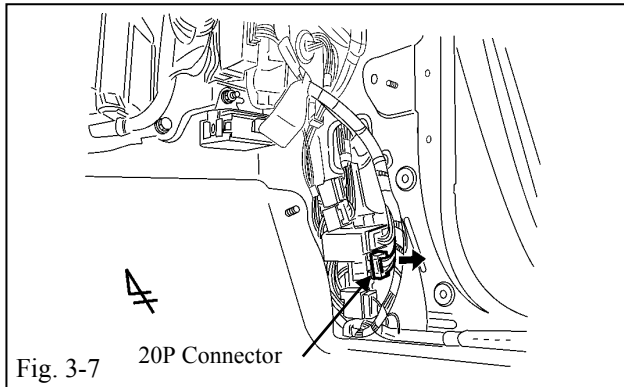
- (e) Locate and remove the Vehicle's Ground Bolt from the right side of the Glove Box Area. (Fig. 3-5)

(1) Do not discard the bolt.

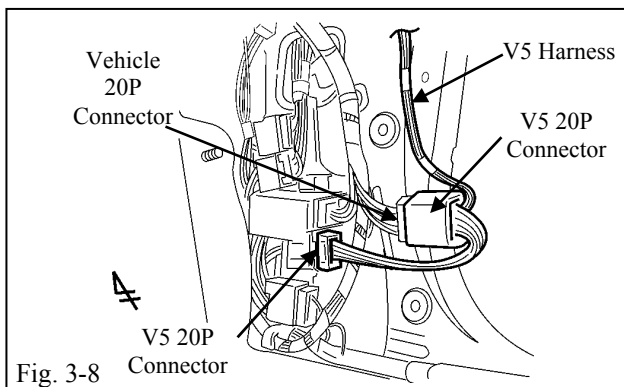


- (f) Using the Ground Bolt secure the V5 Harness' Ground Wire Terminal, along with the Vehicle Harness' Ground Wire Terminals. (Fig. 3-6)

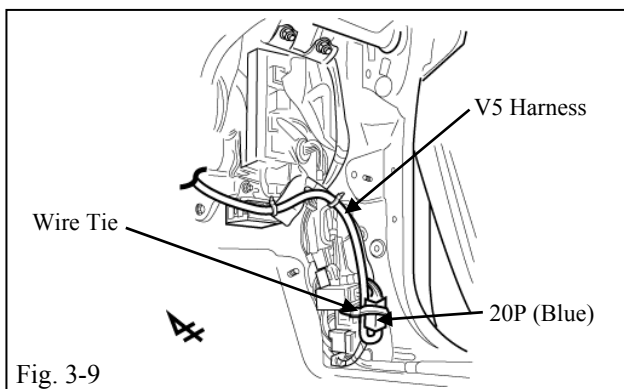
(1) Verify the bolt is tightened securely.



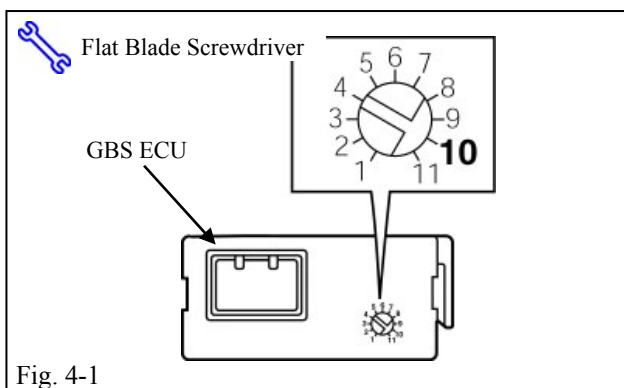
- (g) Locate and disconnect the Vehicle Harness' Blue 20P Connector from the Passenger's Side Cowl Area. (Fig. 3-7)



- (h) Plug in the V5 Harness' Blue 20P Connector in between the Vehicle Harness' 20P Connector and the Connector Block. (Fig. 3-8)

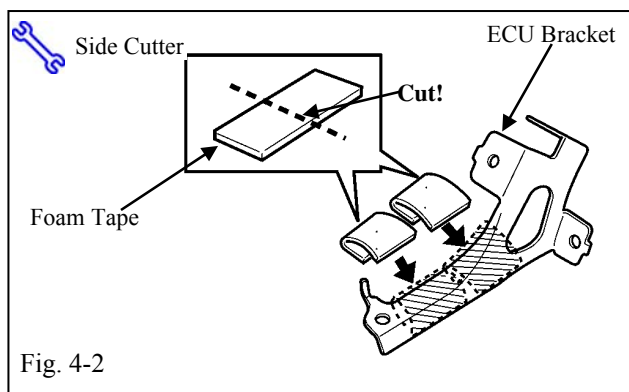


- (i) Secure the 20P Connector to the Vehicle Harness with 1 Wire Tie. (Fig. 3-9)

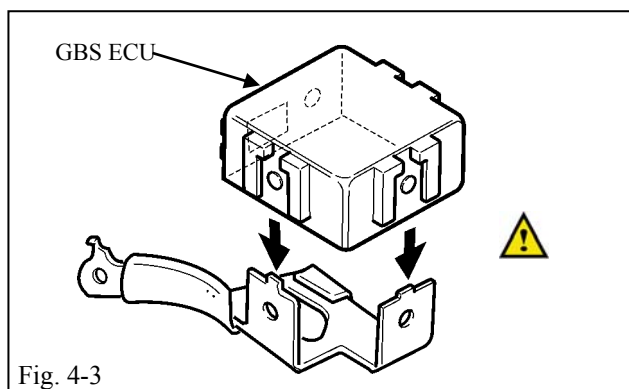


4. GBS ECU Installation Preparation.

- (a) Adjust the GBS sensitivity to "10." (Fig. 4-1)



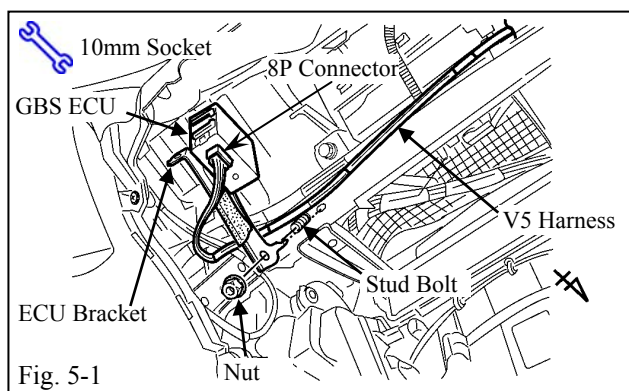
- (b) Cut 1 Foam Tape in half. Attach both pieces to the ECU Bracket as shown. (Fig. 4-2)



- (c) Insert the ECU Mounting Bracket into the indicated Bracket Slots on the GBS ECU. (Fig. 4-3)



CAUTION: The Bracket is permanently attached once installed.



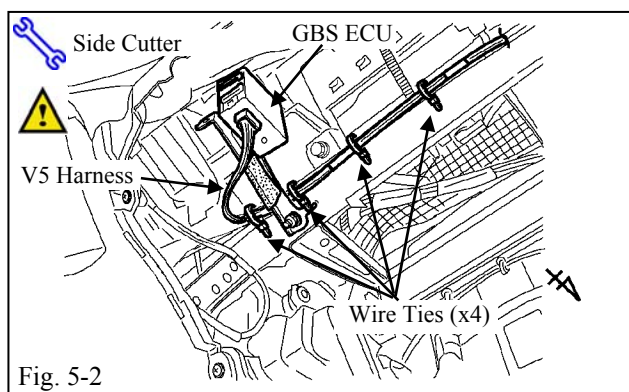
5. GBS ECU Installation

- (a) Plug the V5 Harness' 8P Connector into the GBS ECU. (Fig. 5-1)
- (b) Locate the Mounting Stud on the Passenger's Side Reinforcement Brace. Secure the GBS ECU Assembly using the Supplied Nut. (Fig. 5-1)

(1) Verify that the Bracket Pin seats properly.



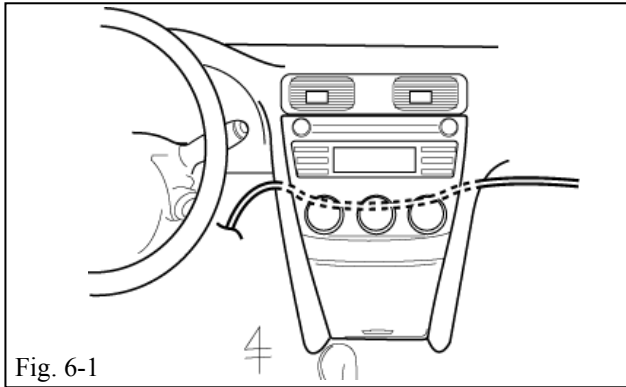
NOTE: For Vehicles without a Mounting Stud use the supplied Self-tapping Screw.



- (c) Secure the V5 Harness to the Vehicle Harness with 4 Wire Ties. (Fig. 5-2)

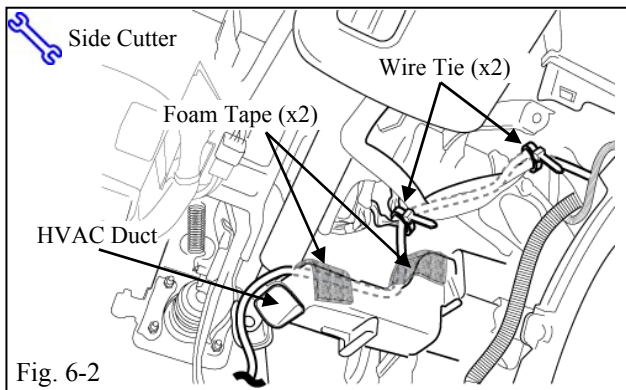


CAUTION: Leave a small amount of slack in the V5 Harness.

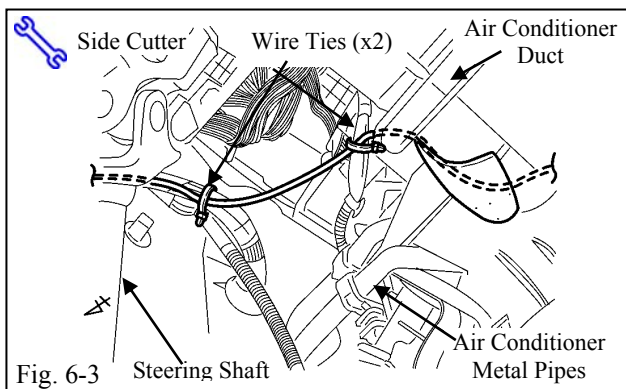


6. V5 Harness Installation (Driver's Side)

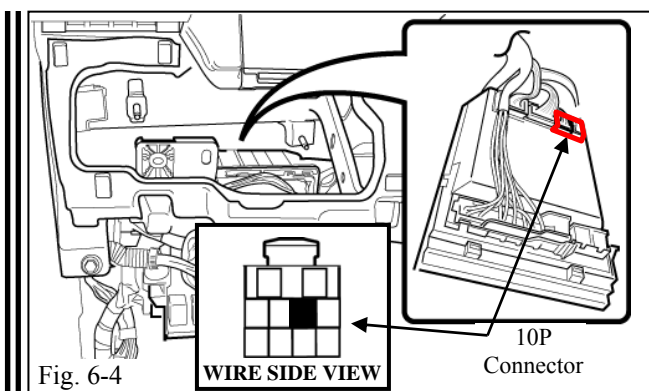
- (a) Route the V5 Harness behind the Center Console towards the Driver's side. (Fig. 6-1)



- (b) Route the V5 Harness down along the top of the HVAC Duct securing it to the Vehicle Harness with 2 Wire Ties. (Fig. 6-2)
- (c) Use 2 Foam Tapes to secure the V5 Harness to the HVAC Duct. (Fig. 6-2)

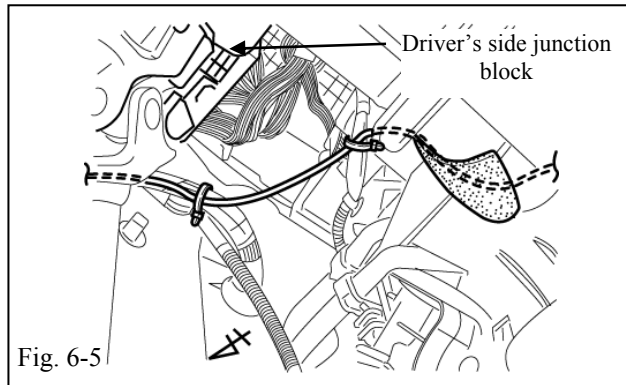


- (d) Route the V5 Harness behind the Steering Shaft and secure it to the Vehicle Harness with 2 Wire Ties. (Fig. 6-3)

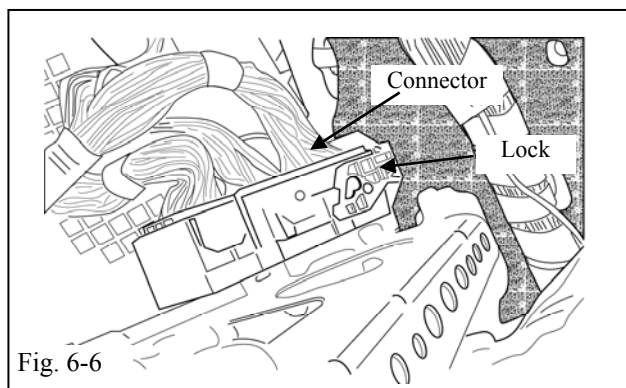


- (e) Verify if there is a Yellow Wire in the 10P Connector (located on the backside of the Driver's Side Junction Box in the indicated slot) (Fig. 6-4)
- (1) If a Yellow Wire is non-existent in the indicated slot, go to step f, page 12.
 - (2) If a Yellow Wire is existent in the indicated slot, go to step k, page 13.

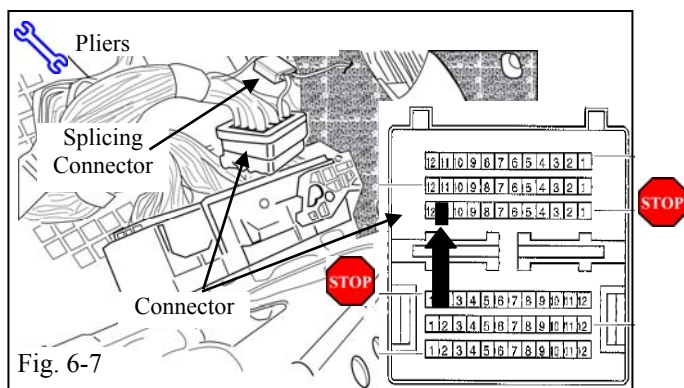
**FOR VEHICLES WITH NO YELLOW WIRE
PRESENT ONLY (steps f-j).**



(f) **Locate the Junction Block on the Driver's side of the Vehicle.** (Fig. 6-5)



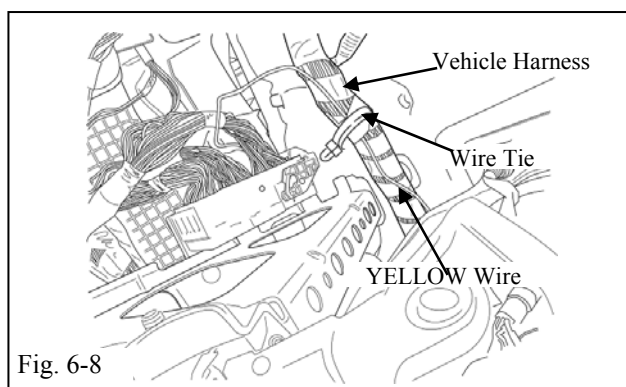
(g) Release the Lock and remove the White Vehicle Connector as shown. (Fig. 6-6)



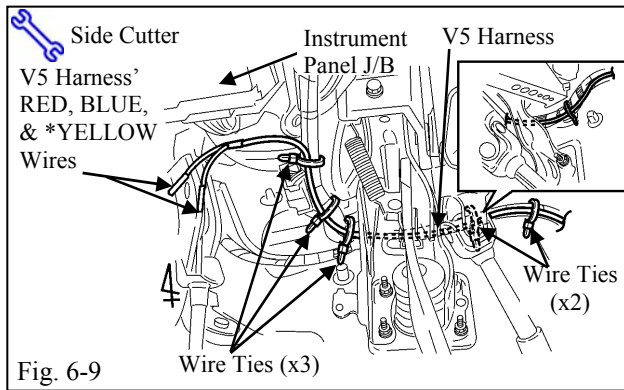
(h) Splice the Yellow Wire, supplied in the V5 Kit, to the Vehicle's Yellow Wire as shown. (Fig. 6-7)

- (1) Verify the correct wire is chosen for splicing.

(i) Reconnect the White Vehicle Connector.



(j) Route the Yellow V5 Wire as shown securing it to the Vehicle Harness with 1 Wire Tie. (Fig. 6-8)

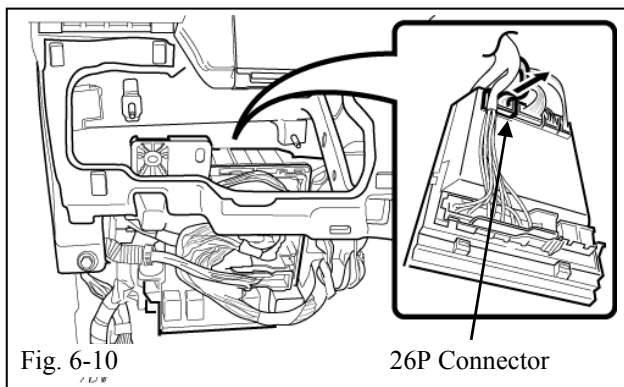


- (k) Route the V5 Harness toward the Instrument Panel J/B, securing it to the Vehicle Harness with 5 Wire Ties. (Fig. 6-9)

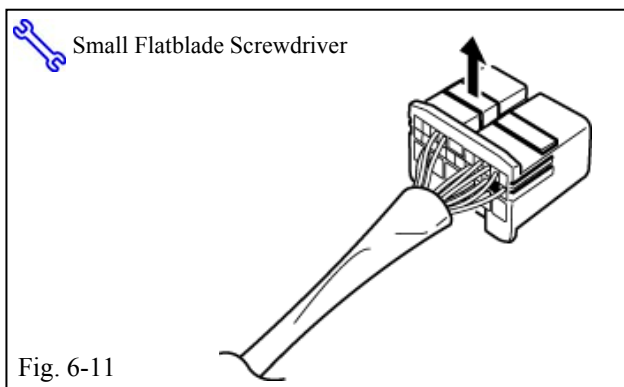
*Yellow Wire may not be present in all vehicles.



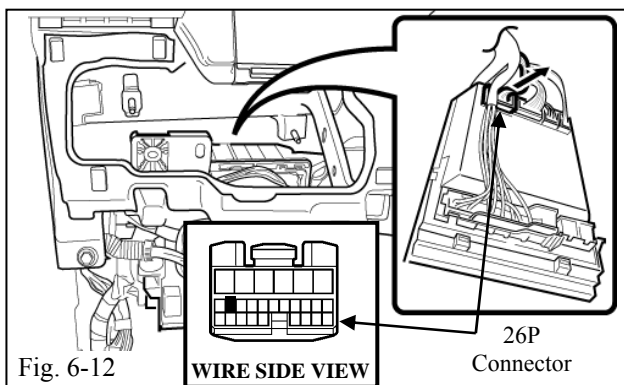
CAUTION: Ensure the V5 Harness is routed and secured so that it does not contact any sharp edges.



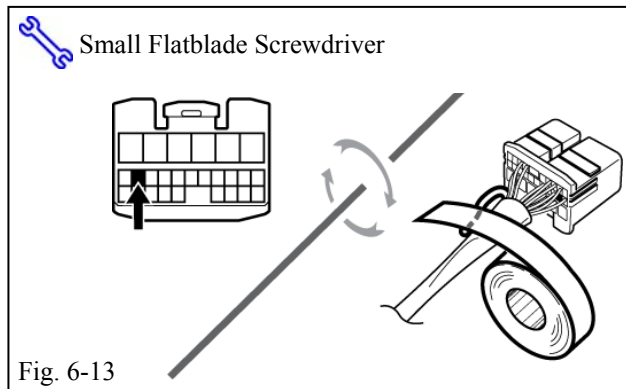
- (l) Disconnect the 26P Connector from the Driver's Side Junction Box. (Fig. 6-10)



- (m) Release the Terminal Lock on the 26P Connector. (Fig. 6-11)

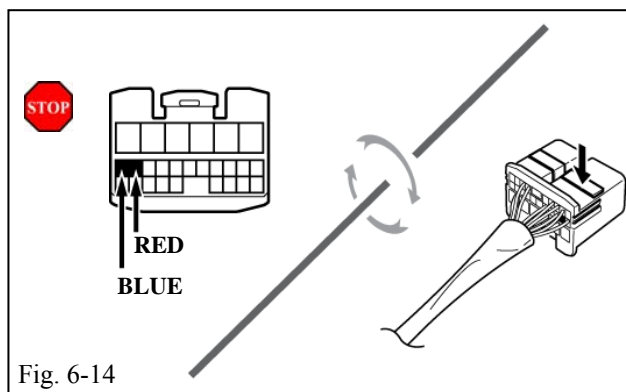


- (n) Verify if there is a Red Wire in the 26P Connector (located on the backside of the Driver's Side Junction Box in the indicated slot) (Fig. 6-12)
- (1) If a Red Wire is non-existent in the indicated slot, go to step q, page 14.
 - (2) If a Red Wire is existent in the indicated slot, go to step o, page 14.



**FOR VEHICLES WITH A RED WIRE
PRESENT ONLY. (steps o-p)**

- (o) Remove the Vehicle's Red Wire from the 26P Connector. (Fig. 6-13)
- (p) Tape the Red Wire to the Vehicle Harness with Electrical Tape. (Fig. 6-13)
 - (1) Verify that the Terminal is properly insulated to avoid any grounds.



- (q) Insert the Terminal at the end of the V5 Harness' Blue Wire into the 26P Connector. (Fig. 6-14)

- (1) Verify the correct opening is chosen.

- (r) Insert the Terminal at the end of the V5 Harness' Red Wire into the 26P Connector. (Fig. 6-14)

- (1) Verify the correct opening is chosen.

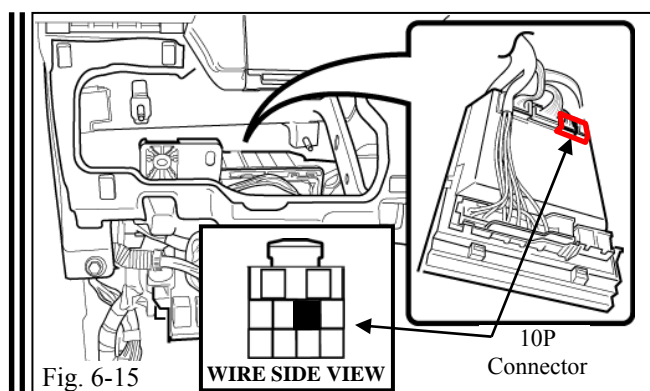
- (2) Verify the Terminal Pins are properly inserted and do not come out.

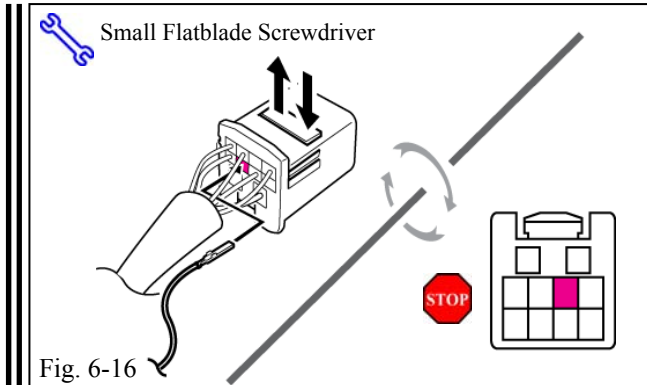
- (s) Press down on the Terminal Lock. (Fig. 6-14)

- (t) Reinstall the 26P Connector.

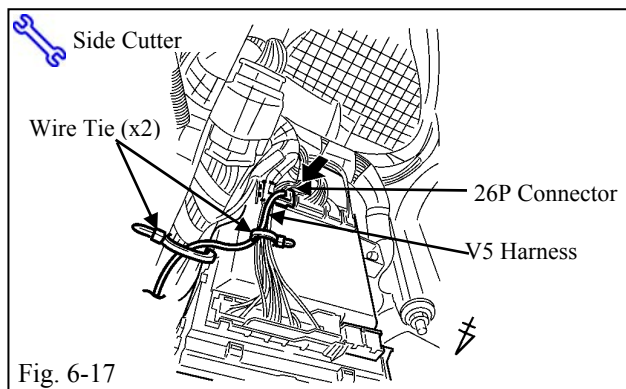
**FOR VEHICLES WITH NO YELLOW
WIRE PRESENT ONLY (step u-y)**

- (u) Disconnect the 10P Connector from the backside of the Driver's Side Junction Box. (Fig. 6-15)

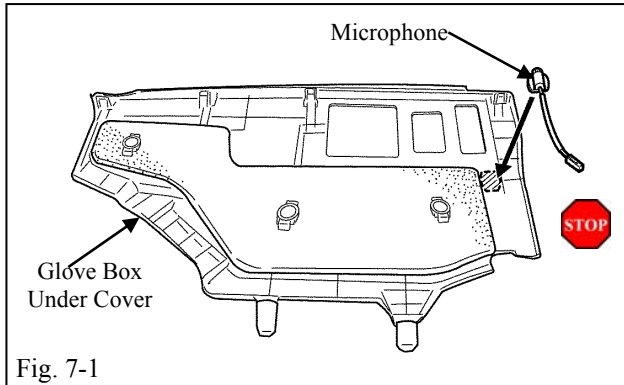




- (v) Release the Terminal Lock on the 10P Connector. (Fig. 6-16)
- (w) Insert the V5 Yellow Wire into the indicated slot on the 10P Connector. (Fig. 6-16)
 - (1) Verify the correct opening is chosen.
 - (2) Verify the Terminal Pins are properly inserted and do not come out.
- (x) Press down on the Terminal Lock. (Fig. 6-16)
- (y) Reinstall the 10P Connector.

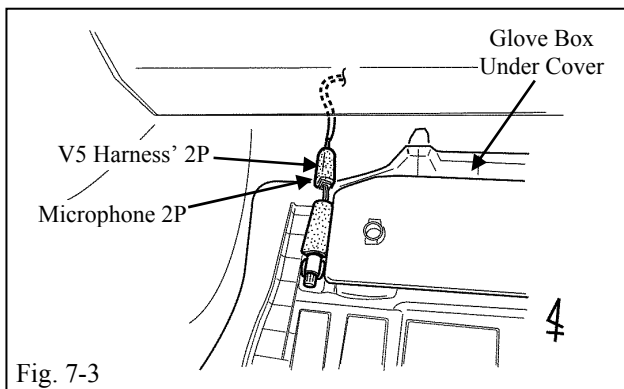
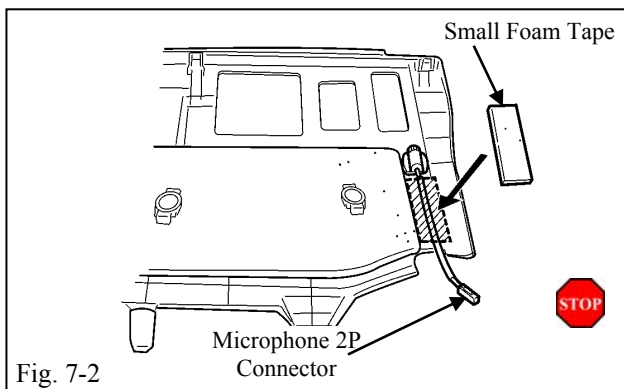


- (z) Secure the V5 Harness, to the Vehicle Wires on the backside of the Junction Box with 2 Wire Ties. (Fig. 6-17)

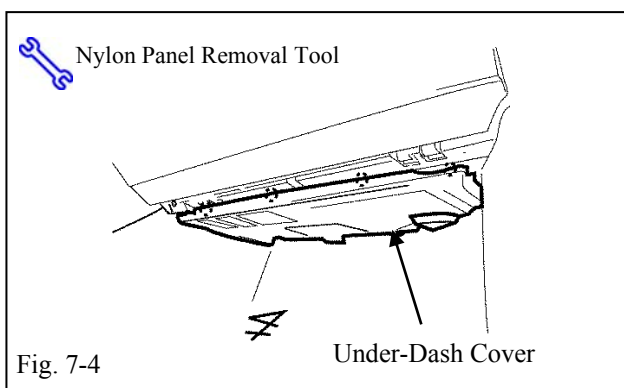


7. Microphone Installation.

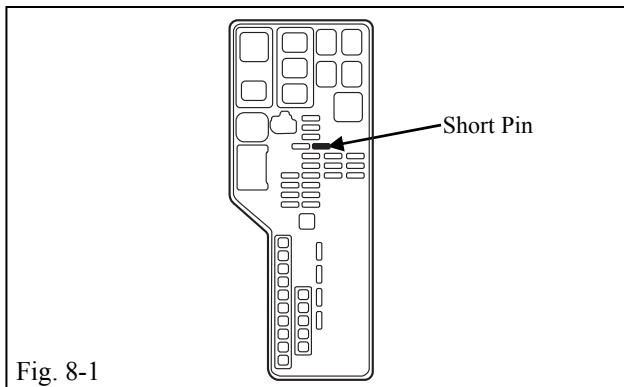
- (a) Reassemble the Vehicle, except for the Glove Box Under Cover. (Fig. 7-1)
 - (1) Make sure that all connectors are reconnected.
 - (2) Verify that all the panels fit together properly with no uneven gaps.
- (b) Using VDC approved cleaner and cleaning method clean the area indicated on the backside of the Glove Box Under Cover. (Fig. 7-1)
- (c) Remove the Backing Sheet and secure the Microphone to the backside of the Glove Box Under Cover. (Fig. 7-1)
 - (1) Do not touch the Adhesive surface of the Microphone.
 - (2) Press the Microphone to the Under Cover firmly.
- (d) Secure the Microphone with 1 Foam Tape. (Fig. 7-2)
 - (1) Do not cover the opening of the Microphone with the Foam Tape.



- (e) Plug the V5 Harness' 2P Connector to the Microphone's 2P Connector. (Fig. 7-3)



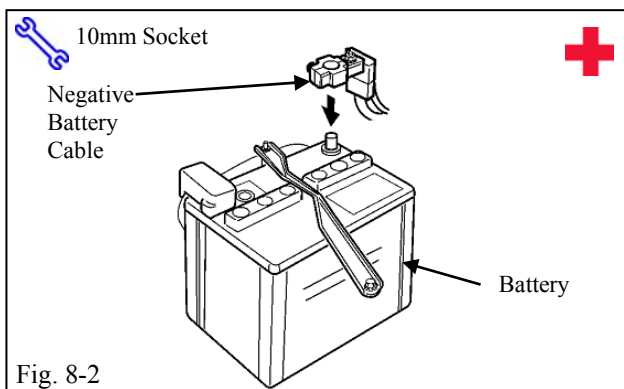
- (f) Reinstall the Glove Box Under Cover. Ensure that the V5 Harness does not interfere with moving parts. (Fig. 7-4)



8. V5 Activation Process.

(a) Verify that the Short Pin installed. (Fig. 8-1)

(1) If not install the Short Pin.

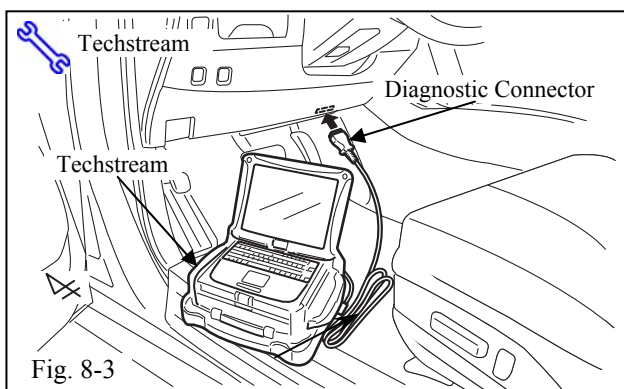


(b) Temporarily reconnect the Vehicle's Negative Battery Cable. (Fig. 8-2)



CAUTION: Do not touch the Positive Battery Terminal.

NOTE: Check for the latest version of the software on Toyota Information System (TIS) before setting up the Remote Engine Starter system.



NOTE: Download the latest software from Toyota Information System (TIS).

(c) Connect the Techstream Notebook to the Vehicle's Diagnostic Port. (Fig. 8-3)

(d) Use the Key to turn (or select) the Ignition "ON" position.

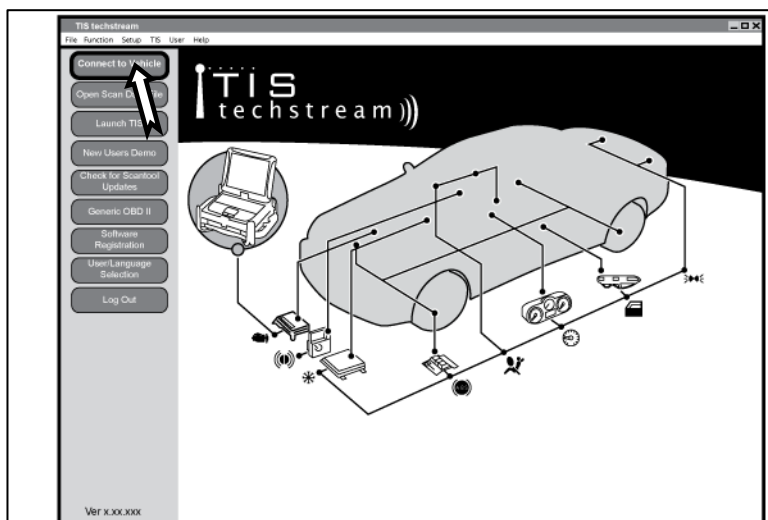


Fig. 8-4

- (e) Start the TIS Techstream Application by clicking on the shortcut located on the Desktop.
- (f) Click “Connect to Vehicle.”(Fig. 8-4)

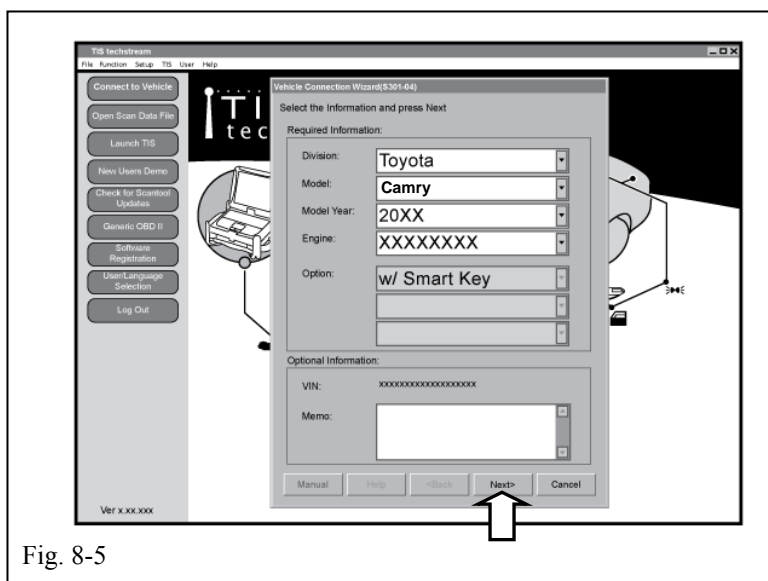


Fig. 8-5

- (g) 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. 8-5)
- (h) Click “Next>.” (Fig. 8-5)

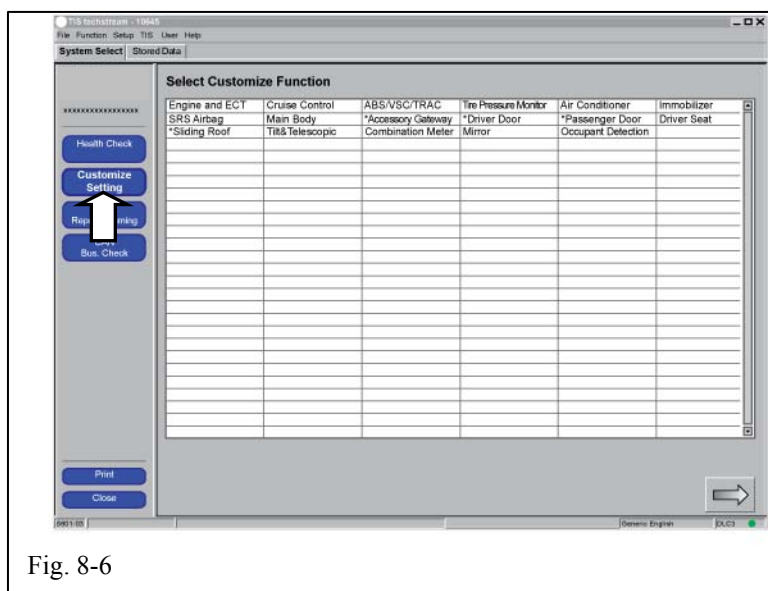


Fig. 8-6

- (i) Click “Customize Setting.” (Fig. 8-6)

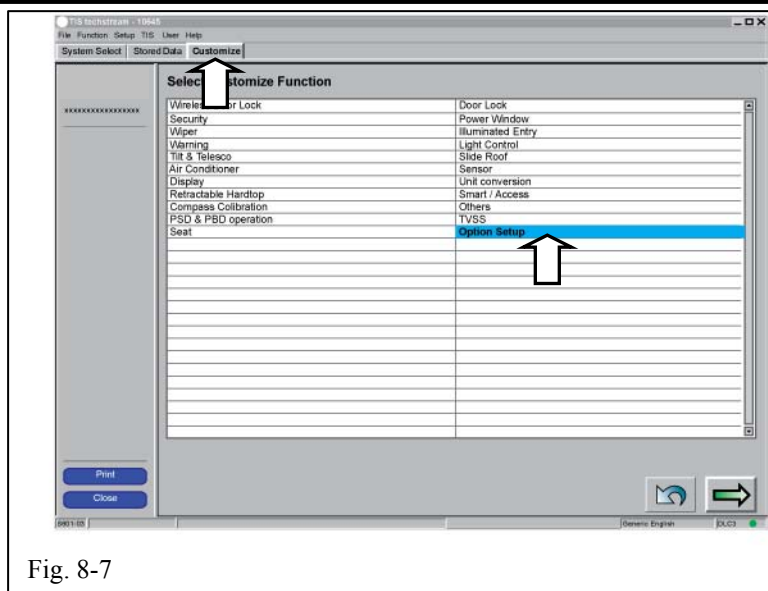
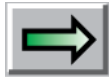


Fig. 8-7

(j) Make sure that the “Customize” tab is selected. (Fig. 8-7)

(k) Select “Option Setup.” (Fig. 8-7)

(l) Click  (Fig. 8-7)

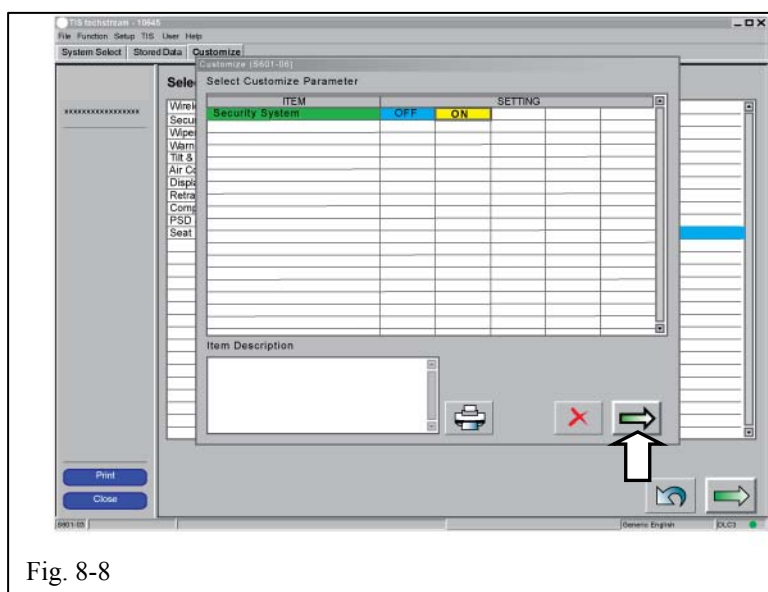


Fig. 8-8

(m) Select “ON.” (Fig. 8-8)

(n) Click  (Fig. 8-8)

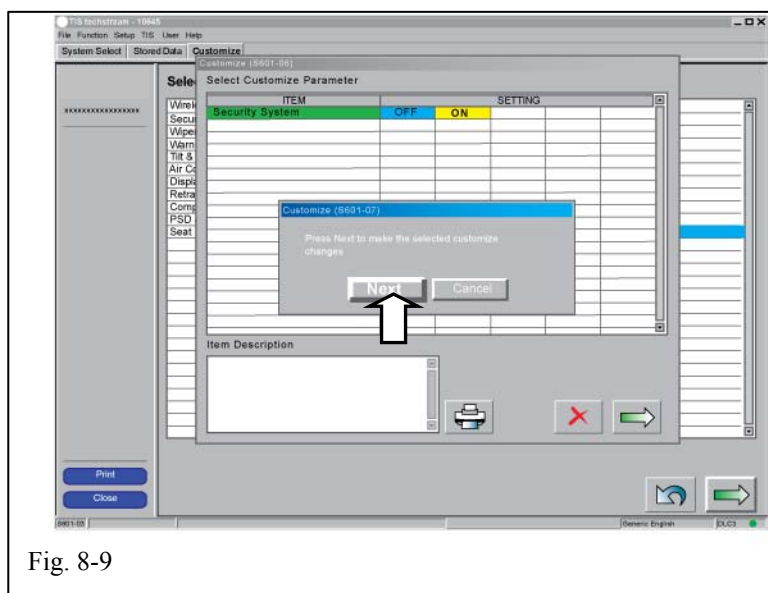
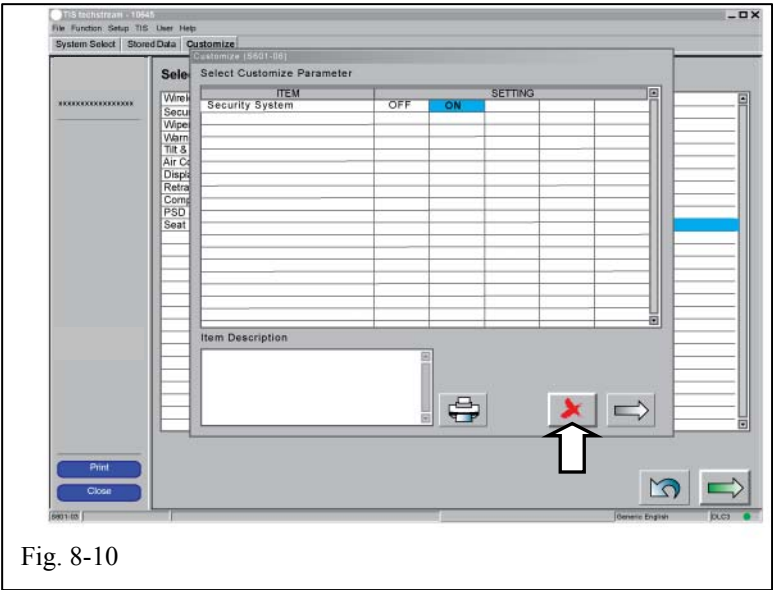
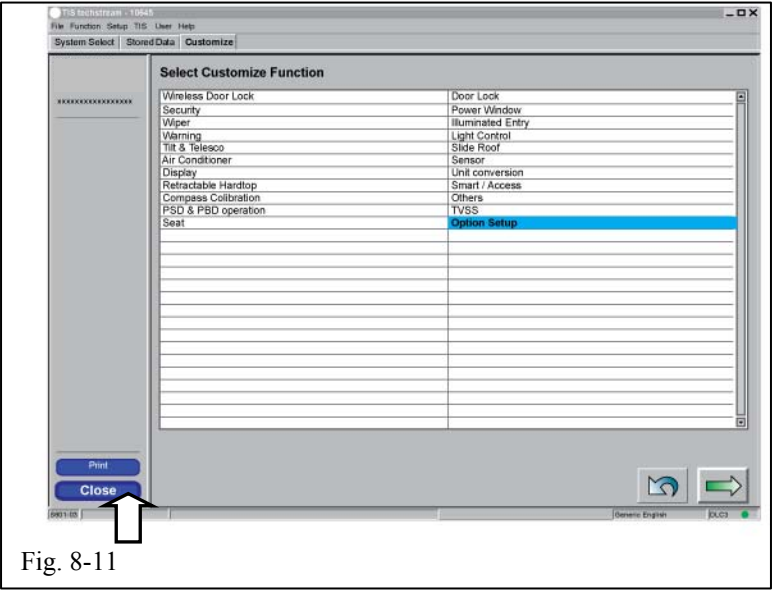


Fig. 8-9

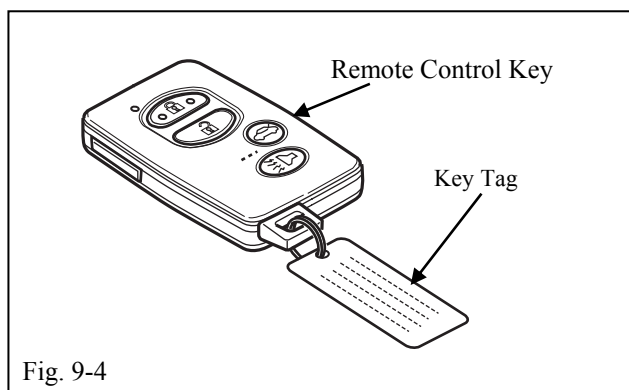
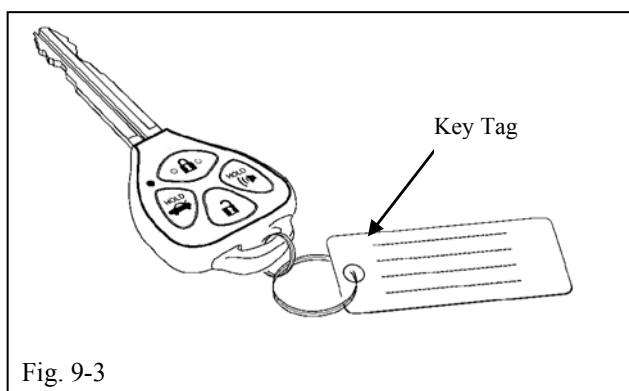
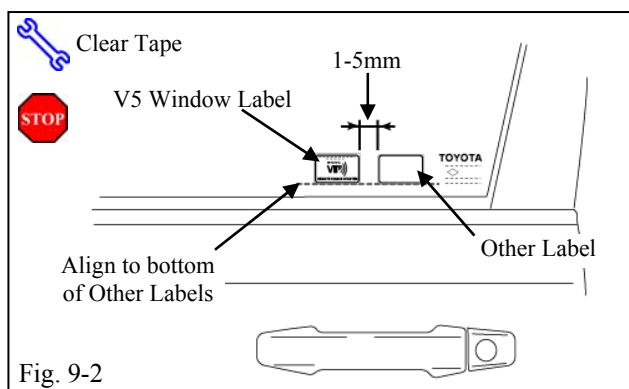
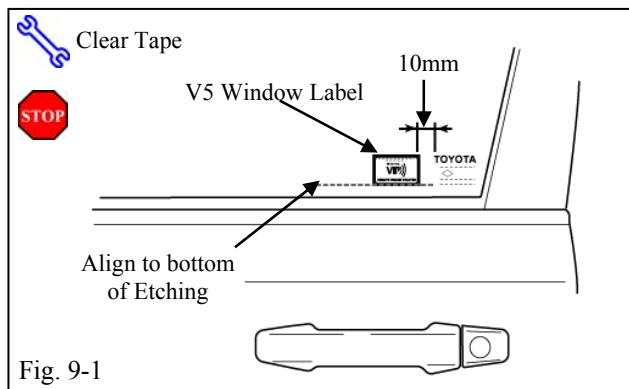
(o) Click “Next” to accept the changes to the Vehicle. (Fig. 8-9)



(p) Click  (Fig. 8-10)



(q) Click “Close.” (Fig. 8-11)



9. Tag and Label Installation.

- For US Vehicles use the English Labels and Tag, and discard the Spanish Labels and Tag.
- For Mexico Vehicles use the Spanish Labels and Tag, and discard the English Labels and Tag.

- (a) Use Household Glass Cleaner to clean the inside of the Front Door Windows. (Fig. 9-1)
- (b) Place the Warning Labels on the inside of the Front Door Windows as shown. (Fig. 9-1)

- (1) Use a piece of clean Adhesive Tape to lift the Labels off their protective backing.



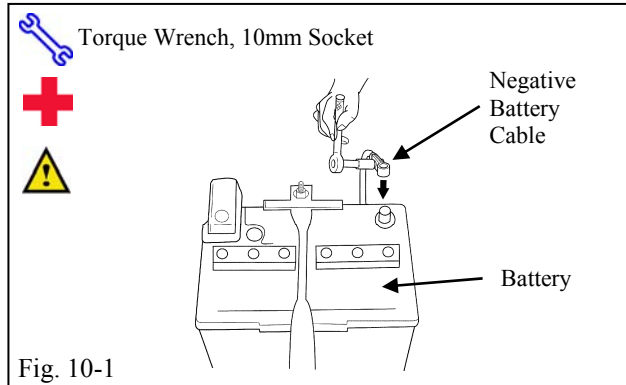
CAUTION: Do not touch the adhesive surface.

- (2) Line up the Labels properly and place on the Glass. Do not attempt to reposition the Labels once they are placed.



NOTE: If Labels are being installed with other Window Label's align them as shown in Fig. 9-2.

- (c) Attach the Key Tag to the Remote Control's Key Ring. (Fig. 9-3 or Fig. 9-4)



10. Complete the Installations

- (a) Position the Vehicle's Negative Battery Cable at the original factory position.
(Fig. 10-1)

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



CAUTION: Do not touch the Positive Battery Terminal.

- (b) Clean up and remove any trash.

- (c) Reset the Power Windows.

(1) Turn the Ignition Key to "ON."
(2) Roll down the Windows.
(3) Pull up on the Window Switches to close them.
(4) Hold for 2 additional seconds.

- (d) Reset the Moon Roof.

(1) Press and hold the Moon Roof Button until the Moon Roof is closed.
(2) Hold for 2 additional seconds.



- (e) Place the Owner's Guide and Warranty Card, sealed in their protective bags, in the Glove Box.

Checklist - these points **MUST** be checked to ensure a quality installation.**Accessory Function Checks (Smart Vehicles ONLY)**

1	Press and release the remote control's lock button to start the system's arming process.	The turn signal lights flash once All doors lock. The Security LED lights up.
2	Wait 30 seconds.	Security LED starts flashing; the system is now armed
3	Press and release the remote control's unlock button to disarm the system.	The turn signal lights flash twice. The driver's door unlocks. The Security LED flashing

Open the driver's door, with the smart key in your possession, press the power button to "ON." Roll down all the windows, and exit the vehicle.


4	Arm and disarm the system with the remote again, then wait 60 seconds.	The doors automatically relock. The system automatically starts the arming process.
5	Press and release the remote control's unlock button again to stop the arming process.	Refer to step 3.
6	Press the lock button on the driver's exterior door handle to start the arming process.	All doors lock. The Security LED lights up.
7	Wait 30 seconds.	Security LED starts flashing; the system is now armed
8	Reach inside and manually unlock the driver's door to trigger an alarm.	The driver's door automatically relocks. The horn sounds repeatedly. The headlights flash repeatedly. The turn signal lights flash repeatedly. The Security LED lights up.
9	Manually unlock the driver's door again and hold it unlocked, open the door, then sit in the driver's seat.	The driver's door lock attempts to lock repeatedly. The horn continues to sound repeatedly. The headlights and turn signal lights continue flashing. The Security LED remains on.
10	With the smart key in your possession, press the power button twice on the dash to "START" to stop the alarm.	The horn stops sounding. All the lights stop flashing and/or turn off The Security LED turns off. The starter cranks and the engine starts.

Press the "START" button to turn the vehicle off, and then exit the vehicle.


11	With the door open, press the lock switch on the inside of the door to lock the doors, then close the door to start the system's arming process.	All doors lock. The Security LED lights up.
12	Wait 30 seconds.	Security LED starts flashing; the system is now armed
13	Reach inside and manually unlock the front passenger's door to trigger an alarm.	The front passenger's door automatically relocks. The horn sounds repeatedly. The headlights flash repeatedly. The turn signal lights flash repeatedly. The Security LED lights up.

Checklist - these points **MUST** be checked to ensure a quality installation.

14	Press and release the remote control's unlock button to stop the alarm.	The horn stops sounding. All the lights stop flashing. The Security LED turns off.
15	Press and release the remote control's lock button to start the system's arming process, then wait 30 seconds until the system is armed.	Refer to steps 1 and 2.
16	Unlock and open one of the rear passenger doors to trigger an alarm. (if available)	Refer to step 13.
17	Press and release the remote control's unlock button to stop the alarm.	Refer to Step 14.
18	Repeat the above steps with the other rear passenger door. (if available)	Refer to steps 1, 2, and 13.

Roll up all the windows, and exit the vehicle.
 **Take the Smart Key and the Smart Card Key away from the Vehicle. Place them 7 ft. (2 meters) or more away from the Vehicle.**

19	Press and release the remote control's lock button to start the arming process.	Refer to step 1.
20	Wait 30 seconds.	After 30 seconds, the Security LED starts flashing; the system is now armed.
Perform the following check in a temperature-controlled environment. (50° - 90°F)		
21	With the tip of a key, or Striker Tool pulled all the way out (PPO only), tap the center of the driver's door window to trigger the alarm.	The horn sounds repeatedly. The headlights flash repeatedly. The turn signal lights flash repeatedly. The Security LED lights up.
22	Press and release the remote control's unlock button to stop the alarm.	Refer to Step 14.

 **NOTE:** If the alarm does not trigger during functional verifications the Smart Key and Smart Card Key might be too close. Move them farther away from the vehicle and test the system again.

NOTE: If the alarm does not trigger during the Glass Breakage Test, increase the GBS sensitivity to the next setting and test again.

NOTE: If you do not disarm the system, the alarm will last 20 seconds. It is not necessary to check the alarm duration.

Checklist - these points **MUST** be checked to ensure a quality installation.

Accessory Function Checks (non-Smart Vehicles ONLY)

1	Press and release the remote control's lock button to start the system's arming process.	The turn signal lights flash once. All doors lock. The Security LED lights up.
2	Wait 30 seconds.	Security LED starts flashing; the system is now armed.
3	Press and release the remote control's unlock button to disarm the system.	The turn signal lights flash twice. The driver's door unlocks. The Security LED flashing.

Open the driver's door, insert the key into the ignition switch and turn it to "ON". Roll down all the windows, remove the key and exit the vehicle.

4	Arm and disarm the system with the remote again, then wait 60 seconds.	The doors automatically relock. The system automatically starts the arming process.
5	Press and release the remote control's unlock button again to stop the arming process.	Refer to step 3.
6	Insert the key into the driver's door key cylinder and turn it toward the front of the vehicle to start the arming process.	All doors lock. The Security LED lights up.
7	Wait 30 seconds.	Security LED starts flashing; the system is now armed.
8	Reach inside and manually unlock the driver's door to trigger an alarm.	The driver's door automatically relocks. The horn sounds repeatedly. The headlights flash repeatedly. The turn signal lights flash repeatedly. The Security LED lights up.
9	Manually unlock the driver's door again and hold it unlocked, open the door, then sit in the driver's seat.	The driver's door lock attempts to lock repeatedly. The horn continues to sound repeatedly. The headlights and turn signal lights continue flashing. The Security LED remains on.
10	Insert the key into the ignition switch and turn it to "START" to stop the alarm.	The horn stops sounding. All the lights stop flashing and/or turn off. The Security LED turns off. The starter cranks and the engine starts.

Turn the key back to "LOCK", remove it, and then exit the Vehicle.

11	With the door open, press the lock switch on the door to lock the doors then, close the door to start the system's arming process.	All doors lock. The Security LED lights up.
12	Wait 30 seconds.	Security LED starts flashing; the system is now armed.

13	Reach inside and manually unlock the front passenger's door to trigger an alarm.	The front passenger's door automatically relocks. The horn sounds repeatedly. The headlights flash repeatedly. The turn signal lights flash repeatedly. The Security LED lights up.
14	Press and release the remote control's unlock button to stop the alarm.	The horn stops sounding. All the lights stop flashing. The Security LED turns off.
15	Press and release the remote control's lock button to start the system's arming process, then wait 30 seconds until the system is armed.	Refer to steps 1 and 2.
16	Unlock and open one of the rear passenger doors to trigger an alarm. (if available)	Refer to step 13.
17	Press and release the remote control's unlock button to stop the alarm.	Refer to Step 14.
18	Repeat the above steps with the other rear passenger door. (if available)	Refer to steps 1, 2, and 13.

Roll up all windows, remove the key and exit the vehicle.

19	Press and release the remote control's lock button to start the arming process.	Refer to step 1.
20	Wait 30 seconds.	After 30 seconds, the Security LED starts flashing; the system is now armed.

Perform the following check in a temperature-controlled environment. (50°-90° F)

21	With the tip of a key, or Striker Tool pulled all the way out (PPO only), tap the center of the driver's door window to trigger the alarm.	The horn sounds repeatedly. The headlights flash repeatedly. The turn signal lights flash repeatedly. The Security LED lights up.
22	Insert the key into the driver's door key cylinder and turn it toward the back of the vehicle to stop the alarm.	Refer to Step 10

NOTE: If the alarm does not trigger during the Glass Breakage Test, increase the GBS sensitivity to the next setting and test again.

NOTE: If you do not disarm the system, the alarm will last 20 seconds. It is not necessary to check the alarm duration.

Checklist - these points **MUST** be checked to ensure a quality installation.

Vehicle Function Check

	Function		Function
<input type="checkbox"/>	Head Light	<input type="checkbox"/>	ABS Light (if equipped) <i>If the warning light remains on, it may indicate a system malfunction.</i>
<input type="checkbox"/>	High Beams	<input type="checkbox"/>	Rear Wiper/Washer (if equipped)
<input type="checkbox"/>	Turn Signal Lights	<input type="checkbox"/>	Clock (if equipped)
<input type="checkbox"/>	Tail Lights	<input type="checkbox"/>	Accessory Power Socket (if equipped)
<input type="checkbox"/>	Stop Lights	<input type="checkbox"/>	Starter
<input type="checkbox"/>	Backup Lights	<input type="checkbox"/>	Audio/Video (if equipped)
<input type="checkbox"/>	Hazard Lights	<input type="checkbox"/>	Power Sliding Door (if equipped)
<input type="checkbox"/>	Marker Lights	<input type="checkbox"/>	Convenience Memory Settings (if equipped)
<input type="checkbox"/>	Dome/Courtesy Lights	<input type="checkbox"/>	Heated Seats (if equipped)
<input type="checkbox"/>	Panel/Switch Illumination	<input type="checkbox"/>	Massage Seats (if equipped)
<input type="checkbox"/>	Accessory Controls/Illumination (if equipped)	<input type="checkbox"/>	Rear Window Defogger (if equipped)
<input type="checkbox"/>	Key Sensor Buzzer	<input type="checkbox"/>	Power Side Mirrors (if equipped)
<input type="checkbox"/>	Fog Lights (if equipped)	<input type="checkbox"/>	Side Mirror Defogger (if equipped)
<input type="checkbox"/>	Daytime Running Lights (if equipped)	<input type="checkbox"/>	Front Windshield Defogger (if equipped)
<input type="checkbox"/>	Trunk/Tailgate/Bed Lights (if equipped)	<input type="checkbox"/>	Navigation System (if equipped)
<input type="checkbox"/>	Glove Box Light (if equipped)	<input type="checkbox"/>	Rear Sunshade (if equipped)
<input type="checkbox"/>	Cruise Control Light (if equipped)	<input type="checkbox"/>	Steering Wheel Audio Control (if equipped)
<input type="checkbox"/>	Seat Belt Warning Light <i>If the warning light remains on, it may indicate a system malfunction.</i>	<input type="checkbox"/>	Steering Wheel Column Adjusts Without Interference
<input type="checkbox"/>	Air Bag Warning Light <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>

Checklist - these points **MUST** be checked to ensure a quality installation.

	Function		Function
<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"/>	Front Wiper/Washer
<input type="checkbox"/>	HVAC	<input type="checkbox"/>	Hood Latch Release
<input type="checkbox"/>	Power Locks (if equipped)	<input type="checkbox"/>	Passenger Air Bag Switch (if equipped)
<input type="checkbox"/>	Power Windows (if equipped)	<input type="checkbox"/>	Rollover Side Curtain Air Bag Switch (RSCA) (if equipped)
<input type="checkbox"/>	Power Seats (if equipped)	<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"/>	Power Sun/Moon Roof (if equipped)		
<input type="checkbox"/>	Horn		
<input type="checkbox"/>	Gauges		

Remove the short pin after Function Check.

Check with your port/dealer to find out if this step is needed.

