

Part Number: PT398-35121

Conflicts

All years: Vehicles with Factory Alarm System
2013-current: Double Cab Vehicles with 4WD, 6MT and Off-Road Package

Kit Contents

Item #	Quantity Req'd.	Description
1	1	Wire Harness
2	1	Security ECU
3	1	GBS ECU
4	1	Status Monitor/Microphone
5	2	Warning Labels (English)
6	2	Warning Labels (Spanish)
7	1	Owner's Manual
8	1	Warranty Card

Hardware Bag Contents

Item #	Quantity Req'd.	Description
1	1	ECU Mounting Bracket
2	1	Bolt
3	1	Large Foam Tape Strip (2 pcs.)
4	4	Small Foam Tape Strips
5	15	Medium Wire Ties
6	15	Large Wire Ties

Additional Items Required For Installation

Item #	Quantity Req'd.	Description
1	1	Lint-free Cloth
2	1	replacement foot rest (PN: 58190-04021)

General Applicability

Note: Tacoma with Remote keyless Entry.

Recommended Sequence of Application

Item #	Accessory
1	Audio
2	Trailer Wire Harness
3	V5

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Req'd.	Description
1	3	Clips – lower dash cover
2	5	Clips – audio panel
3	2	Clips – glove box inner cover
4	4	Clips – center cluster panel
5	4	Clips – small cover lower IP

Recommended Tools

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	Optional
Vehicle Protection	Blankets, Part Boxes
Special Tools	Notes
Striker Tool (PPO Only)	CAD-E IADS P/N ALL02-016-01
Grabber Tool (Flexible Pick-up Tool)	(CAD-E IADS P/N COR02-016-01 (PPO))
ECU Pin Remover Tool	Toyota SST: 1276565-1
Installation Tools	Notes
Screwdriver	#2 Phillips, Flat Blade Jeweler's
Socket	10 mm, extension
Torque Wrench	48 in•lbf (5.4 N•m)
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-1
Cloth	Lint-free
Side Cutter	
Tape	Masking, Electrical, Clear
Special Chemicals	
Cleaner	VDC Approved Cleaner
Glass Cleaner	Household Glass Cleaner

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.

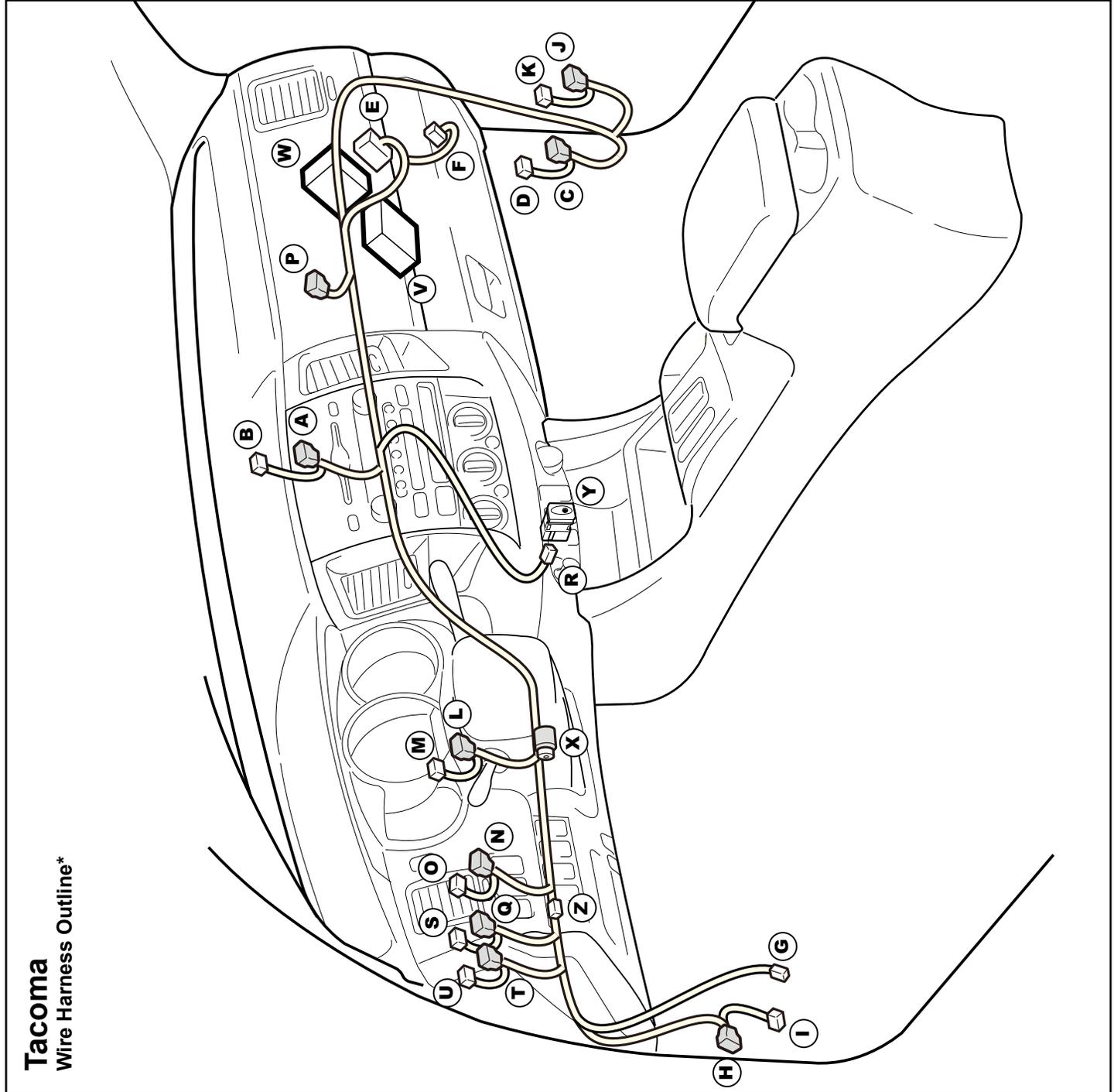


REVISION MARK: This mark highlights a change in installation with respect to previous issue.



SAFETY TORQUE: This mark indicates that torque is related to safety.

TVIP	Description
A	14P White
B	14P White
C	10P White
D	10P White
E	40P White (for V5 Security ECU)
F	8P White (for GBS ECU)
G	2P White
H	10P Gray
I	10P Gray
J	11P Gray
K	11P Gray
L	8P White
M	8P White
N	18P White
O	18P White
P	4P White
Q	13P Black
R	4P Black (for Status Monitor)
S	13P Black
T	18P White
U	18P White
V	GBS ECU
W	V5 Security ECU
X	Relay
Y	Status Monitor
Z	Diode



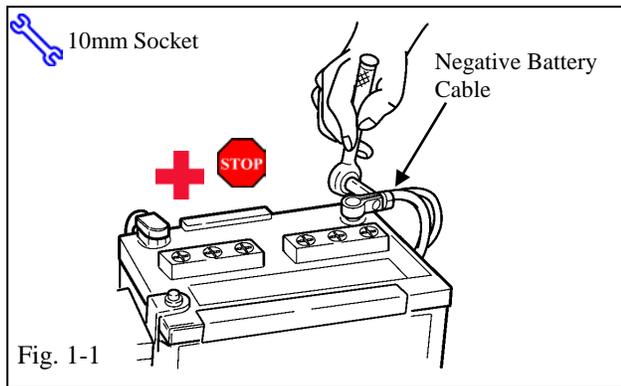
Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

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 Automatic Vehicles in low gear with the parking brake set.

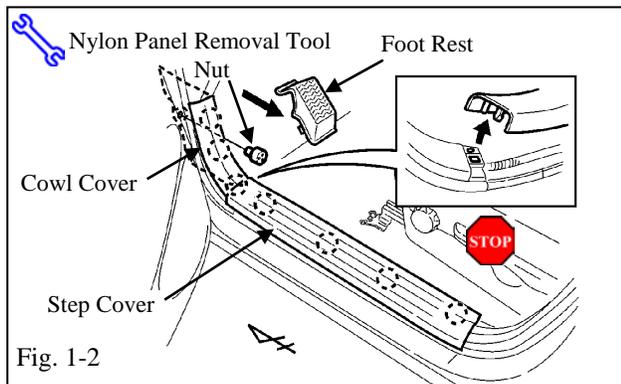
(b) Remove the negative battery cable.

(Fig. 1-1)

- (1) Protect the fender before starting.
- (2) Note the Cable Position as it will be reinstalled in the same position.



CAUTION: Do not touch the positive terminal.



(c) Remove the driver side foot rest, and the driver side step cover. (Fig. 1-2)

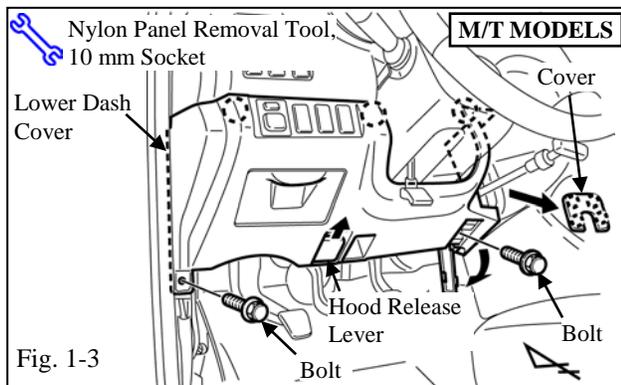
- (1) Cover the floor and seats before starting.



NOTE: discard the foot rest. A replacement foot rest (PN: 58190-04021) must be used.

(d) Remove driver side cowl cover. (Fig. 1-2)

- (1) Remove the nut securing the cowl cover.



FOR M/T VEHICLE MODELS ONLY.

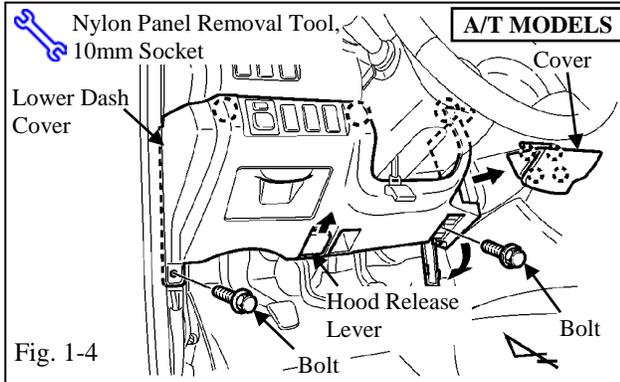
(Steps e-g)

(e) Remove the small cover from the lower dash cover's right side. (Fig. 1-3)

(f) Remove the hood release cable. (Fig. 1-3)

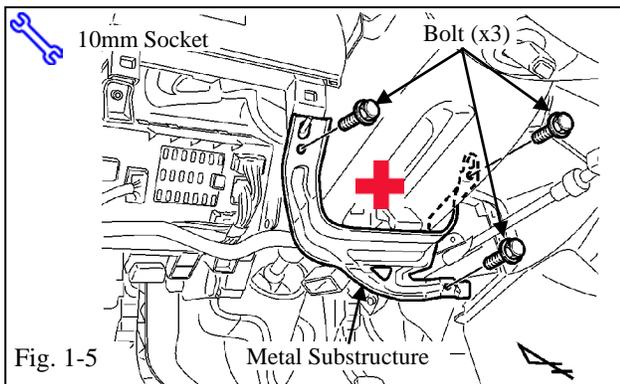
(g) Remove the lower dash cover. (Fig. 1-3)

- (1) Open the screw cover of the lower dash cover.
- (2) Remove the two bolts securing the cover.



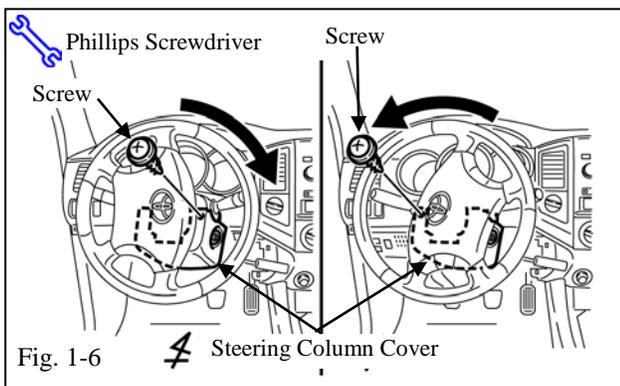
FOR A/T VEHICLE MODELS ONLY.
(Steps h-j)

- (h) Remove the small cover from the lower dash cover's right side. (Fig. 1-4)
- (i) Remove the hood release cable. (Fig. 1-4)
- (j) Remove the lower dash cover. (Fig. 1-4)
 - (1) Open the screw cover of the lower dash cover.
 - (2) Remove the two bolts securing the cover.

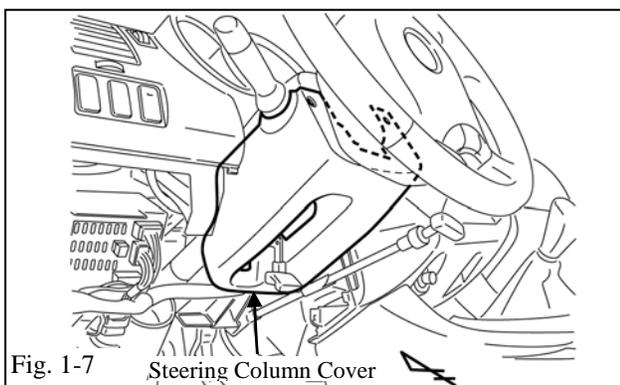


- (k) Remove the metal substructure. (Fig. 1-5)
 - (1) Remove 3 bolts.

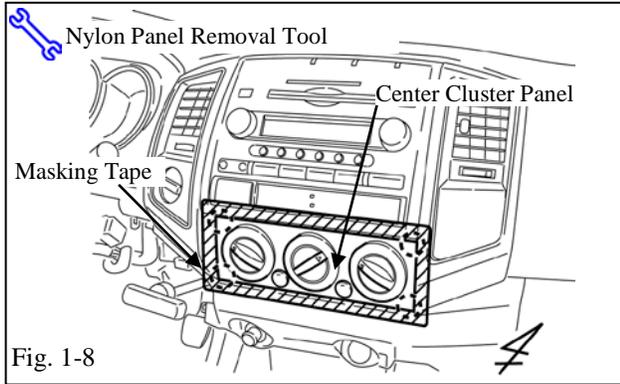
+ CAUTION: Sharp metal edges.



- (l) Remove the two screws securing the lower steering column cover behind the steering wheel. (Fig. 1-6)
 - (1) Insert the key into the ignition switch and turn it to ON to unlock the steering wheel.
 - (2) Turn the steering wheel left and right to gain access to the screws.



- (m) Remove the lower steering column cover. (Fig. 1-7)

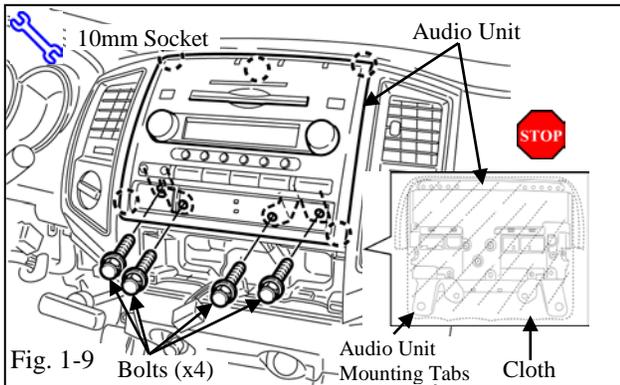


(n) Attach the low adhesion masking tape on the center cluster panel, as shown. (Fig. 1-8)



CAUTION: Only apply tape on the Center Cluster Panel surface.

- (o) Using the Nylon Panel Removal Tool, remove the center cluster panel. (Fig. 1-8)
- (1) Loosen the four clips when removing the panel.
 - (2) Disconnect all connectors from the panel.

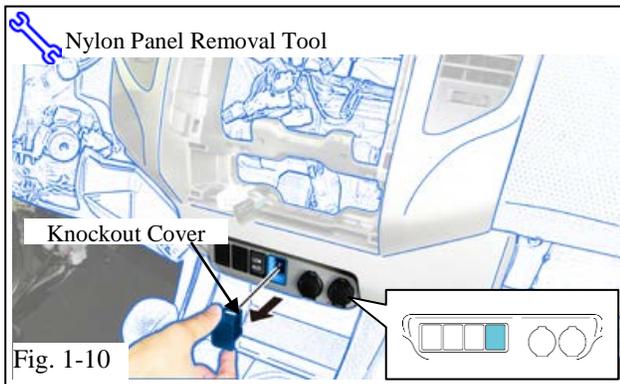


(p) Remove the audio unit. (Fig. 1-9)

- (1) Remove 4 bolts.
- (2) Disconnect all connectors from the audio unit.

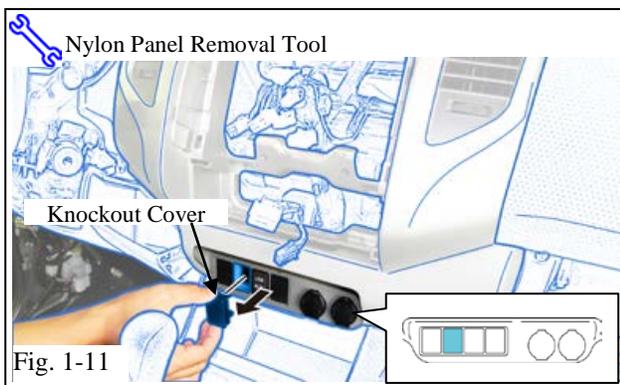


NOTE: Prior to removing the radio assembly from the dash, cover the radio mounting tabs with a cloth to prevent damage to the vehicle.



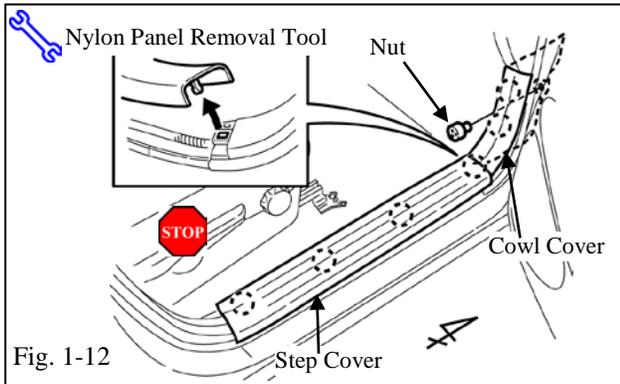
VEHICLES WITHOUT SEAT HEATER

(q) Remove the knockout cover. (Fig. 1-10)

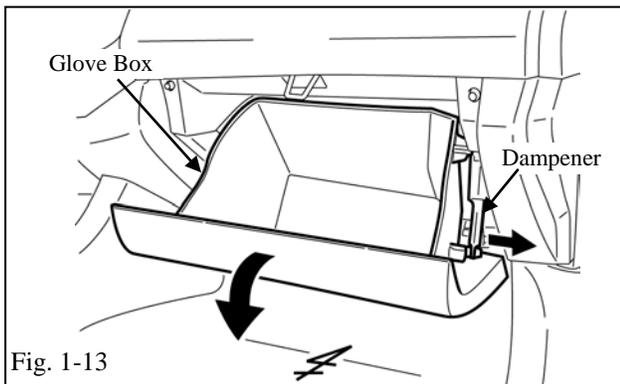


VEHICLES WITH SEAT HEATER

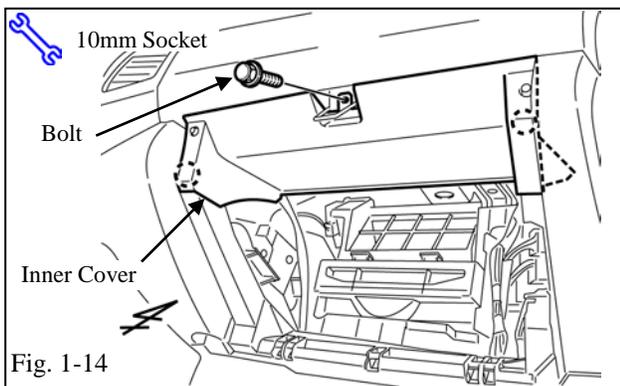
(r) Remove the knockout cover. (Fig. 1-11)



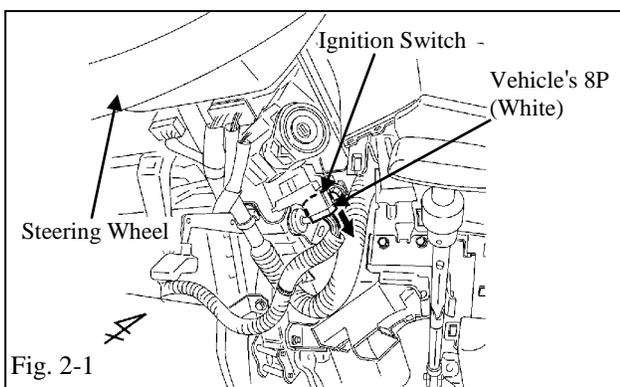
- (s) Remove the passenger side step cover. (Fig. 1-12)
 - (1) Cover the floor and seats before starting.
- (t) Remove the passenger side cowl cover. (Fig. 1-12)
 - (1) Remove 1 nut.



- (u) Remove the glove box. (Fig. 1-13)
 - (1) Remove the dampener from the glove box.

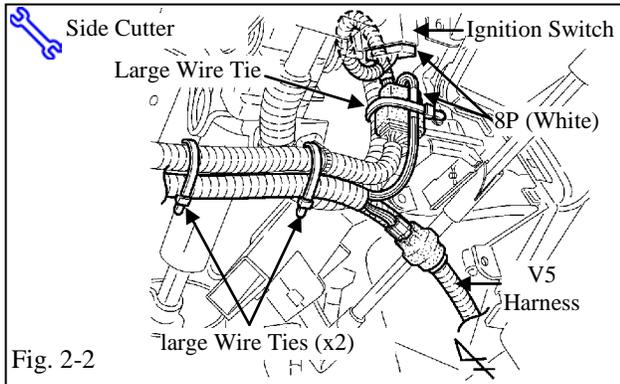


- (v) Remove the glove box inner cover. (Fig. 1-14)
 - (1) Remove 1 bolt.

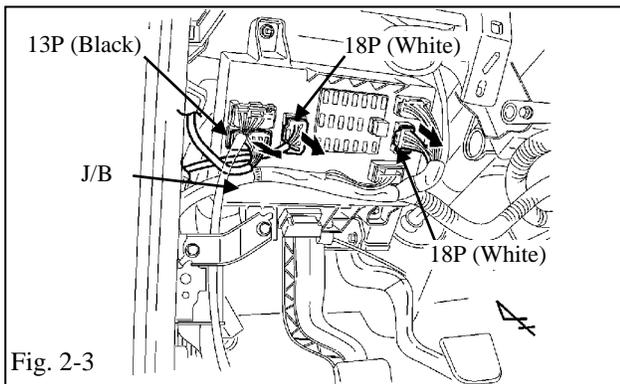


2. V5 Harness Installation.
(From Center Cluster Area to Driver Side Cowl Area)

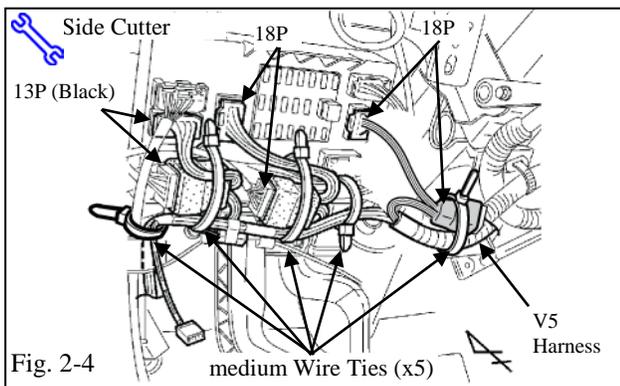
- (a) Locate and disconnect the white 8P connector from the ignition switch in the steering column area. (Fig. 2-1)



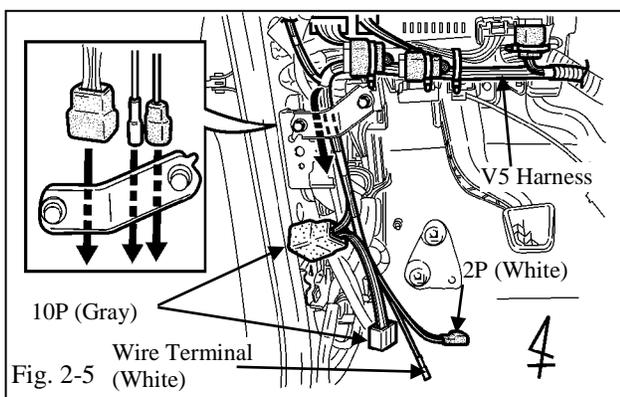
- (b) Plug in the V5 harness' white 8P connectors between the ignition switch and the vehicle harness' white 8P connector.
- (c) Secure the white 8P connectors to the vehicle harness with 1 large wire tie. (Fig. 2-2)
- (d) Secure the V5 harness to the vehicle harness with 2 large wire ties. (Fig. 2-2)



- (e) Locate and disconnect the black 13P connector, and two white 18P connectors from the driver side J/B. (Fig. 2-3)
- (f) Plug in the V5 harness' black 13P connectors between the driver's side J/B and the vehicle harness' black 13P connector.



- Plug in the V5 harness' 18P connectors between the driver's side J/B and the vehicle harness' white 18P connector. (Fig. 2-4)
 - (1) Verify the connectors are plugged in securely.
- (g) Plug in the V5 harness' other white 18P connectors between the driver's side J/B and the vehicle harness' white 18P connector.
 - (1) Verify the connectors are plugged in securely.
- (h) Secure the 13P(black) connectors, 2 18P connectors and V5 Harness to the vehicle harness with 5 medium Wire Ties, in front of the driver side J/B. (Fig. 2-4)



- (1) Align the V5 harness' branch point to the end of the corrugated tube of the vehicle harness.
- (i) Route the V5 harness' white wire terminal, white 2P connector and Gray 10P connectors behind the brace down toward the driver side cowl area as shown.(Fig. 2-5)

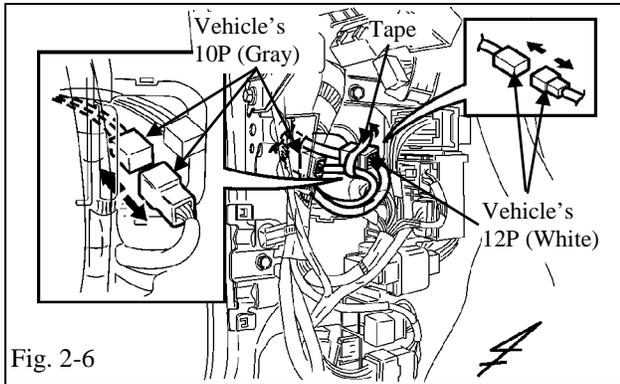


Fig. 2-6

- (j) Locate the vehicle's white 12P connector in the driver side cowl area, and remove the electrical tape from the vehicle's white 12P connector, then disconnect it for clearance. (Fig. 2-6)
- (k) Locate the hole in the driver side cowl area, then pull out the vehicle harness' Gray 10P connector and disconnect it. (Fig. 2-6)

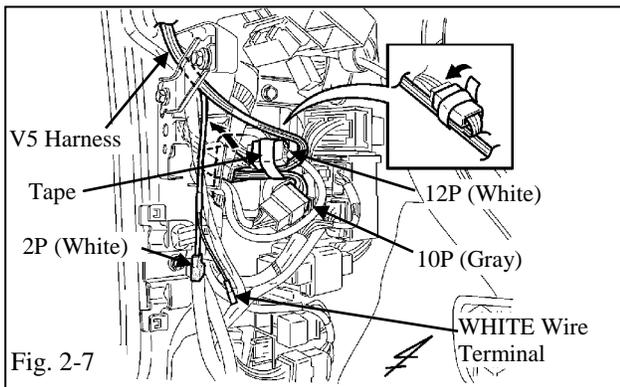


Fig. 2-7

- (l) Plug the V5 harness' Gray 10P connectors between the vehicle harness' Gray 10P connectors, then insert the Gray 10P connectors into the hole in the driver side cowl area. (Fig. 2-7)
 - (1) Verify the connectors are plugged in securely.
- (m) Reconnect the vehicle harness' white 12P connector and secure it to the vehicle harness using electrical tape. (Fig. 2-7)

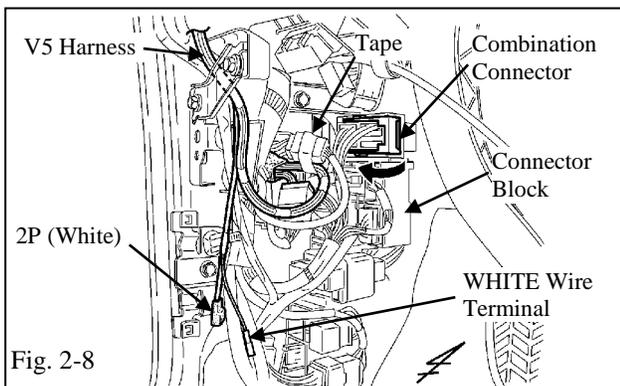


Fig. 2-8

- (n) Locate and disconnect the combination connector from the connector block in the driver side cowl area. (Fig. 2-8)

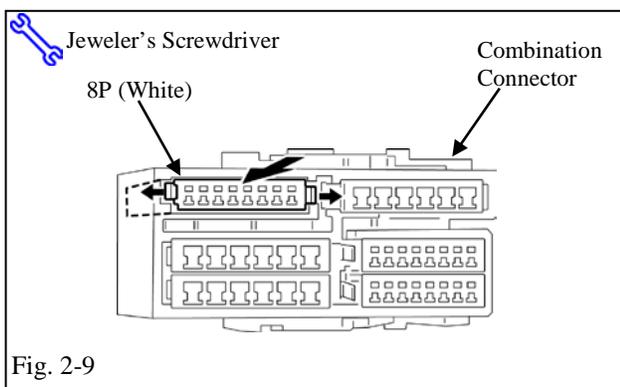


Fig. 2-9

- (o) Using a small jeweler's screwdriver, release and pull out the white 8P connector from the combination connector. (Fig. 2-9)
 - (1) Turn the connectors so the pins face you.

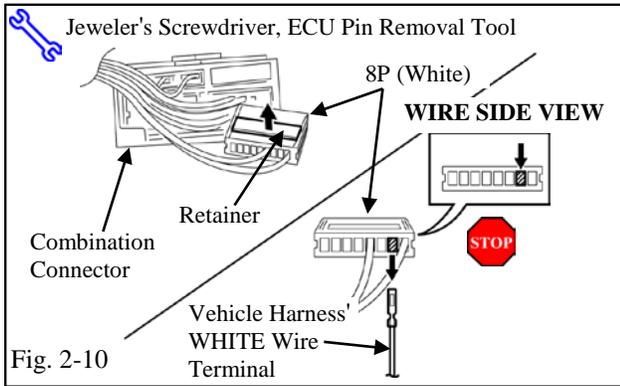


Fig. 2-10

- (p) Using a small jeweler's screwdriver, lift up the terminal retainer on the back of the 8P connector. Locate the WHITE wire in the 8P connector. Using the ECU pin remover tool or a small jeweler's screwdriver, release and pull out the terminal for the WHITE wire. (Fig. 2-10)

- (1) Do not pull out the retainer.
- (2) Turn the connector so the wires face you and the retainer is on top.

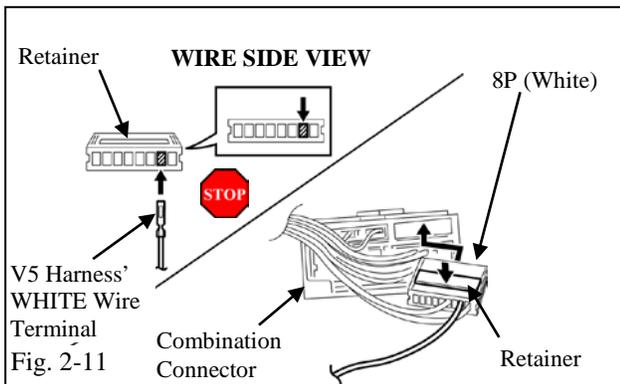


Fig. 2-11

- (q) Insert the terminal at the end of the V5 harness' WHITE wire into the seventh space from the left of the 8P connector, then close the retainer. Refit the white 8P connector to the combination connector. (Fig. 2-11)

- (1) Turn the connector so the wires face you and the retainer is on top.
- (2) Verify the correct opening is chosen.
- (3) Verify the terminal is inserted and seated properly. The terminal should not come out when pulled lightly from the back. If the terminal comes off, then push it in again.

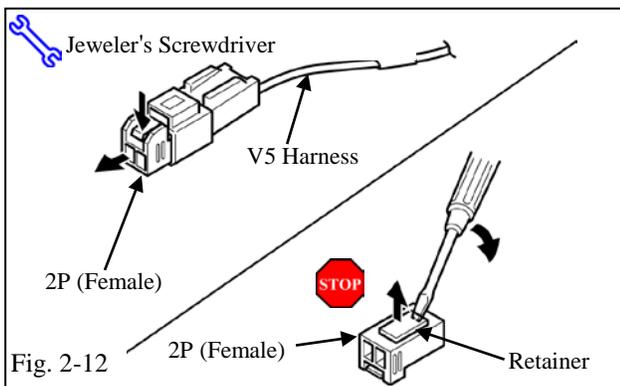


Fig. 2-12

- (r) Disconnect the empty 2P female connector plugged into the V5 harness. Using a small jeweler's screwdriver, lift up the terminal retainer on the back of the empty 2P connector. (Fig. 2-12)

- (1) Do not pull out the retainer.

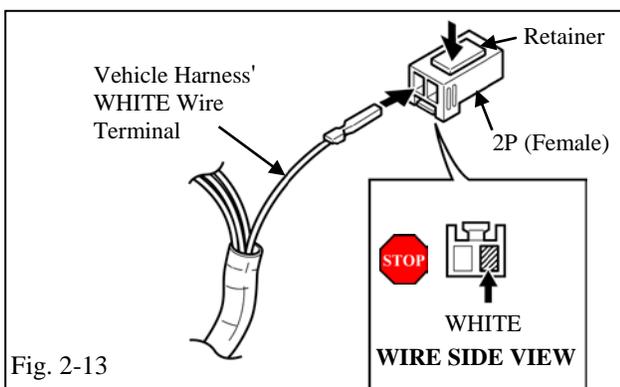


Fig. 2-13

- (s) Insert the terminal at the end of the vehicle harness' WHITE wire into the right side opening of the empty 2P connector as shown, then close the retainer. (Fig. 2-13)

- (1) Turn the connector so the wires face you and the tab is on top.
- (2) Verify the correct opening is chosen.
- (3) Verify the terminal is inserted and seated properly. The terminal should not come out when pulled lightly from the back. If the terminal comes off, then push it in again.

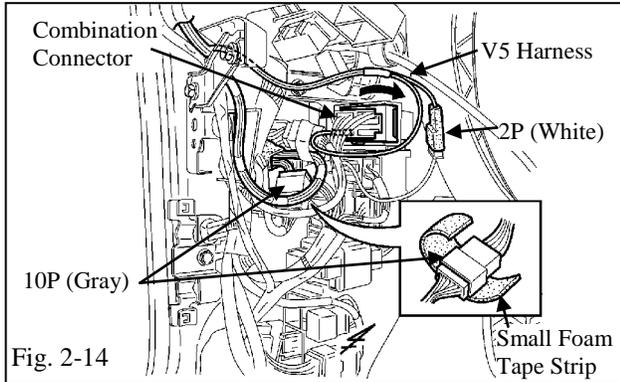


Fig. 2-14

- (t) Plug in the V5 harness' white 2P male connector to the white 2P female connector, and reconnect the combination connector. (Fig. 2-14)
 - (1) Verify the connectors are plugged in securely.
- (u) Wrap the Gray 10P connectors in one small foam tape strip. (Fig. 2-14)

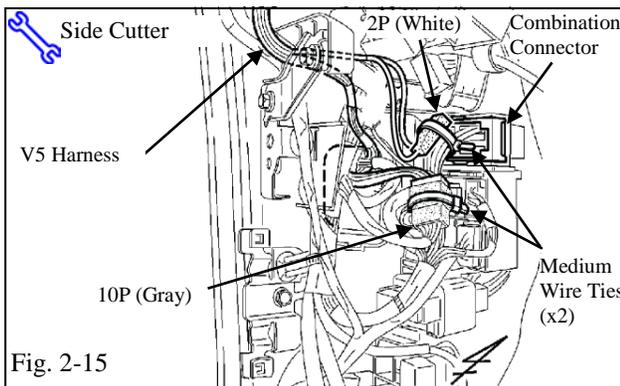


Fig. 2-15

- (v) Secure the Gray 10P connectors to the vehicle harness using one medium wire tie. (Fig. 2-15)
- (w) Bundle up the excess V5 harness, then using one medium wire tie, secure the 2P connectors and V5 harness as shown. (Fig. 2-15)

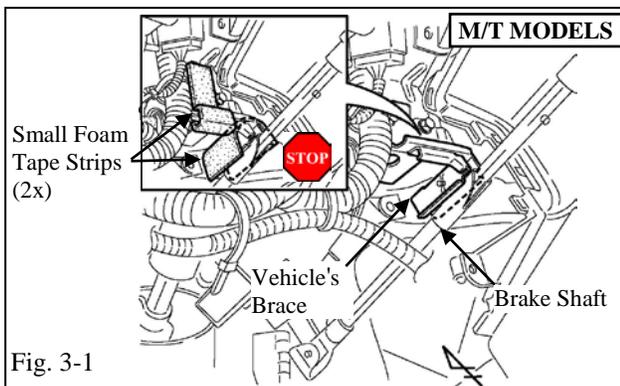


Fig. 3-1

3. V5 Harness Installation.

(From Center Cluster Area to Passenger Side Cowl Area)

FOR M/T VEHICLE MODELS ONLY.

(Step a)

- (a) Attach two small foam tape strips to the vehicle's brace as shown. (Fig. 3-1)
 - (1) Do not attach anything to the brake shaft.

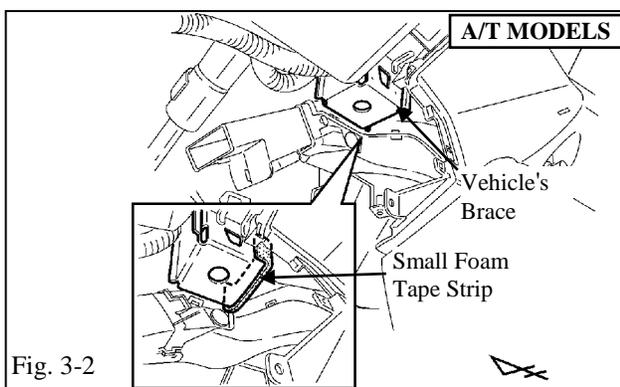
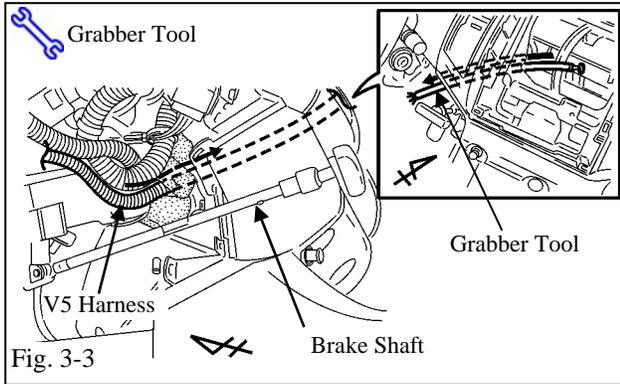


Fig. 3-2

FOR A/T VEHICLE MODELS ONLY.

(Step b)

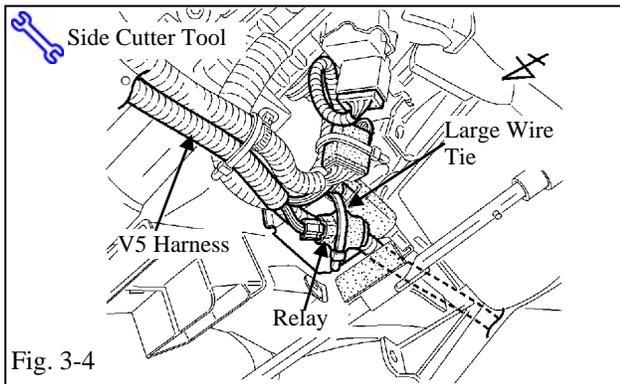
- (b) Attach one small foam tape strip to the vehicle's brace as shown. (Fig. 3-2)



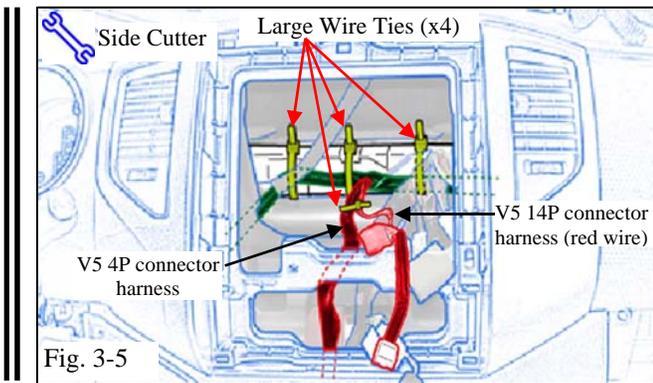
(c) Route the V5 harness toward the center cluster area using the grabber tool.

(Fig. 3-3)

- (1) Insert the grabber tool from the center cluster area and push it toward the driver side upper brake shaft area.
- (2) Catch the V5 harness 10P connectors using the grabber tool, then pull it back toward the center cluster area.



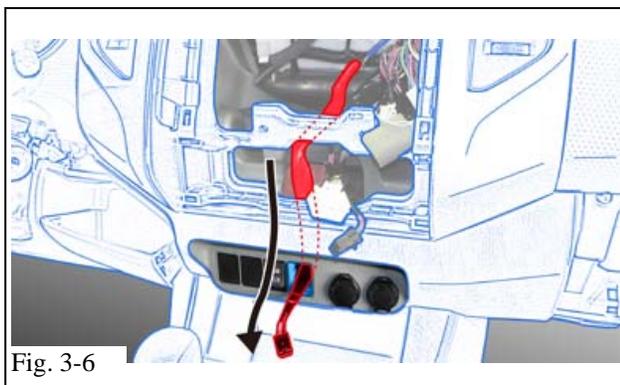
(d) Secure the V5 harness' relay to the vehicle brace with one large wire tie. (Fig. 3-4)



(e) Route the V5 harness toward the passenger side glove box area. (Fig. 3-5)

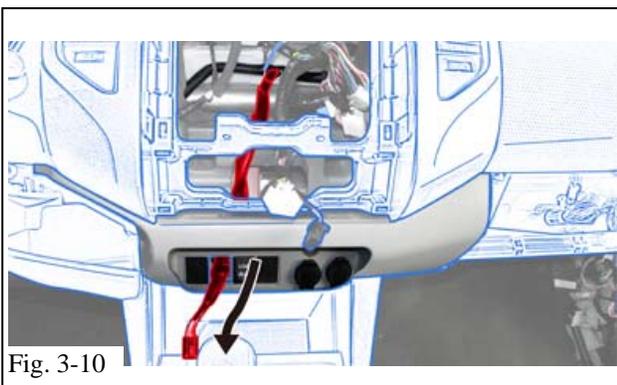
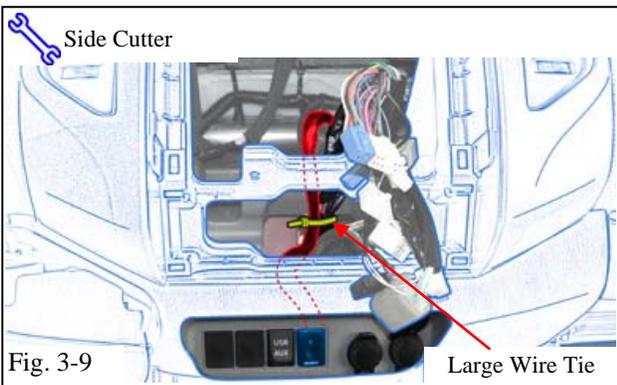
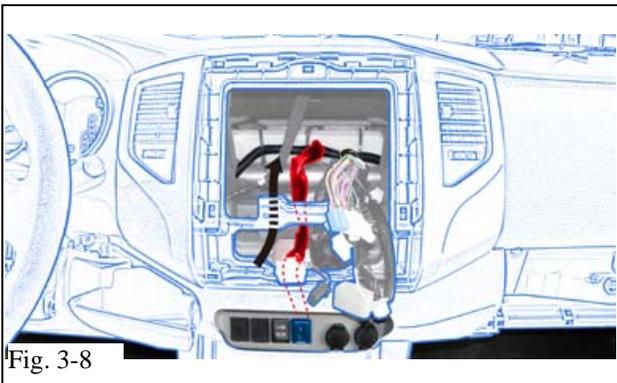
(f) Secure the V5 harness to the vehicle harness with 3 large wire ties. (Fig. 3-5)

(g) Secure the V5 14P connectors' harness (red wire) to the V5 4P black connector's harness (status monitor harness) with 1 large wire tie. (Fig. 3-5)



VEHICLES WITHOUT SEAT HEATER

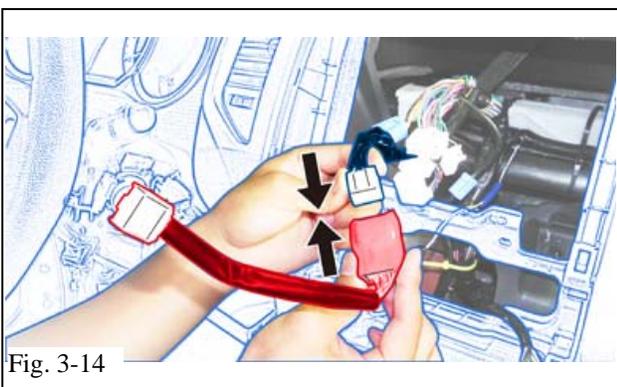
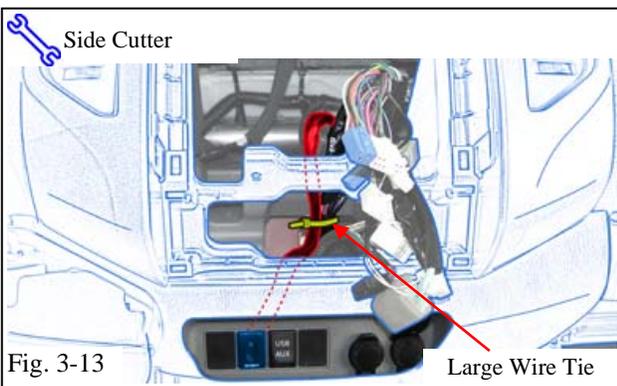
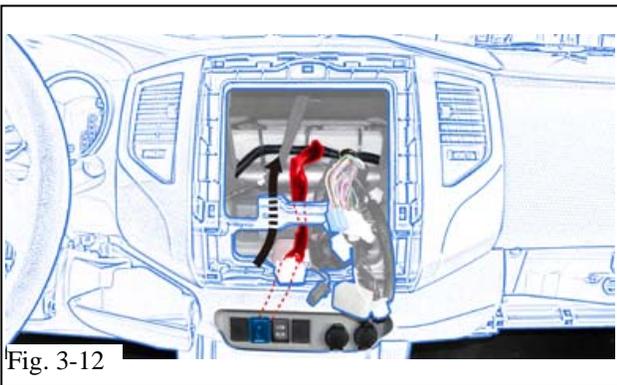
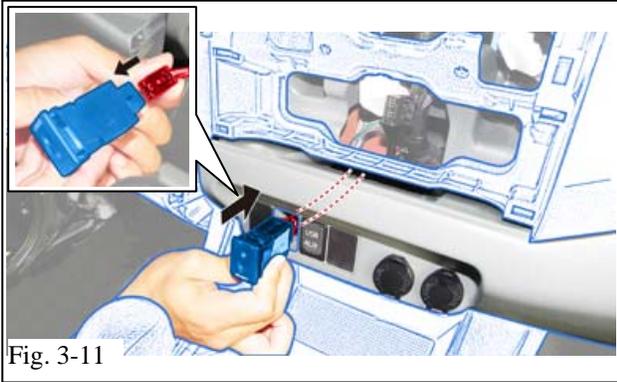
(h) Route the V5 harness' 4P black connector downward and out of the open knockout location. (Fig. 3-6)



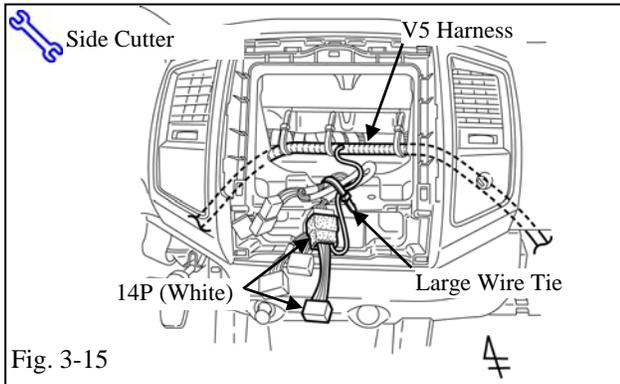
- (i) Connect the V5 black 4P connector to the Status monitor. (Fig. 3-7)
 - (1) Verify the connectors are plugged in securely.
- (j) Push the Status Monitor into the open knock out location until it snaps in place. (Fig. 3-7)
- (k) Pull the excess V5 harness back up into the center console as shown. (Fig. 3-8)
- (l) Secure the V5 Harness to the Vehicle Harness using 1 large wire tie. (Fig. 3-9)

VEHICLES WITH SEAT HEATER

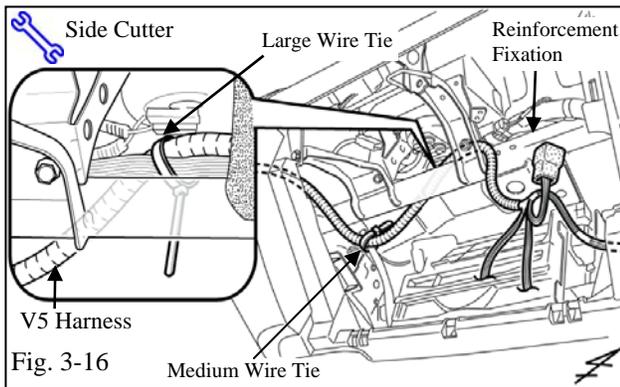
- (m) Route the V5 harness' 4P black connector downward and out of the open knockout location. (Fig. 3-10)



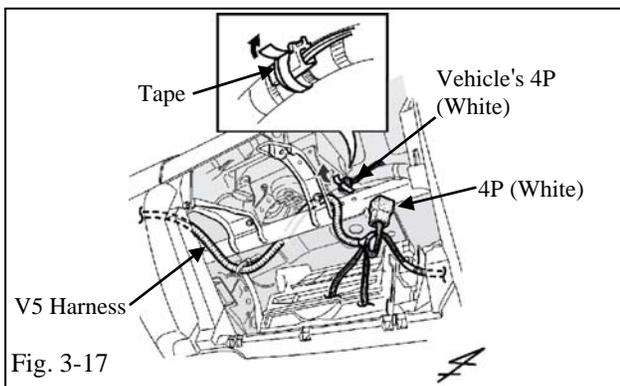
- (n) Connect the V5 black 4Pconnector to the Status monitor. (Fig. 3-11)
 - (1) Verify the connectors are plugged in securely.
- (o) Push the Status Monitor into the open knock until it snaps in place. (Fig. 3-11)
- (p) Pull the excess V5 harness back up into the center console as shown. (Fig. 3-12)
- (q) Secure the V5 Harness to the Vehicle Harness using 1 large wire tie. (Fig. 3-13)
- (r) Plug in the V5 14P male connector to the vehicle 14P female connector. (Fig. 3-14)
 - (1) Verify the connectors are plugged in securely.



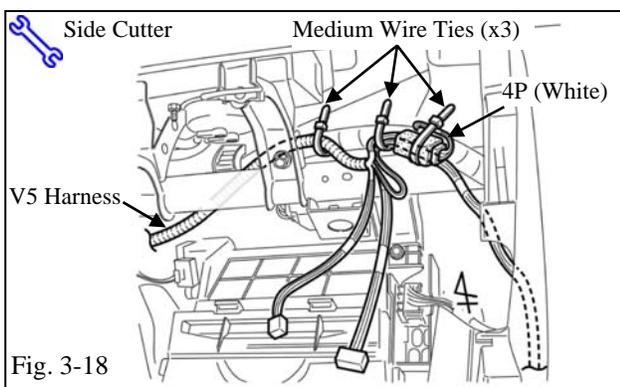
- (s) Bundle the excess portion of the vehicle harness, then secure the V5 harness and vehicle harness with 1 large Wire Tie. (Fig. 3-15)



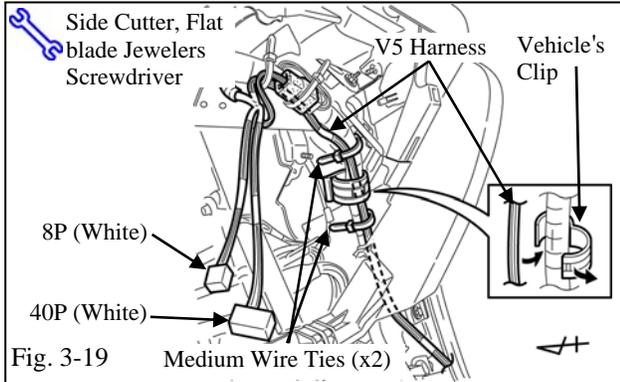
- (t) Secure the V5 harness to the vehicle harness with 1 medium Wire Tie. (Fig. 3-16)
- (u) Route the V5 harness behind the reinforcement fixation securing it with 1 large Wire Tie. (Fig. 3-16)



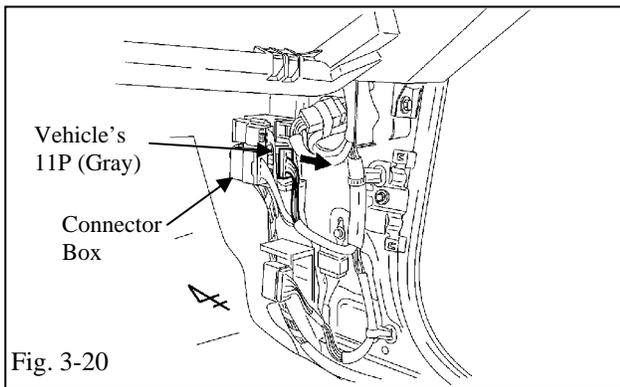
- (v) Locate the vehicle harness' white 4P female connector and remove the tape securing the 4P connector. (Fig. 3-17)



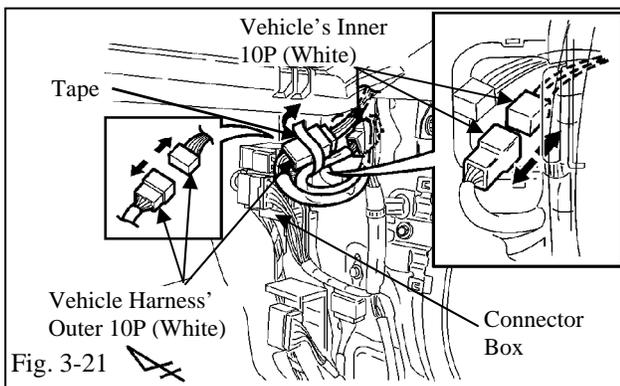
- (w) Plug in the V5 harness' white 4P male connector to the vehicle harness' white 4P female connector. Secure the V5 harness and white 4P connectors to the vehicle harness with three medium wire ties. (Fig. 3-18)
 - (1) Verify the connectors are plugged in securely.



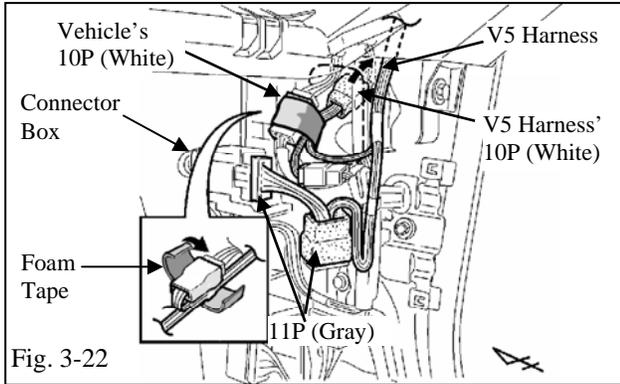
- (x) Route and secure the V5 harness to the vehicle harness with two medium wire ties and the vehicle's wire clip. (Fig. 3-19)



- (y) Locate and disconnect the gray 11P connector to the connector block on the passenger side cowl area. (Fig. 3-20)



- (z) Locate the vehicle's outer white 10P connector in the passenger side cowl area, and remove the tape from the vehicle's white 10P connector, then disconnect it for clearance. (Fig. 3-21)
- (aa) Locate the hole in the passenger side cowl area, then pull out the vehicle harness' inner white 10P connector and disconnect it. (Fig. 3-21)



(bb) Plug in the V5 10P connectors between the vehicle's inner 10P connectors. (Fig. 3-22)

- (1) Both inner and outer white 10P connectors fit the V5 harness. Use the inner white connector.

(cc) Plug in the V5 gray 11P connectors between the vehicle's gray 11P connector and the connector block. (Fig. 3-22)

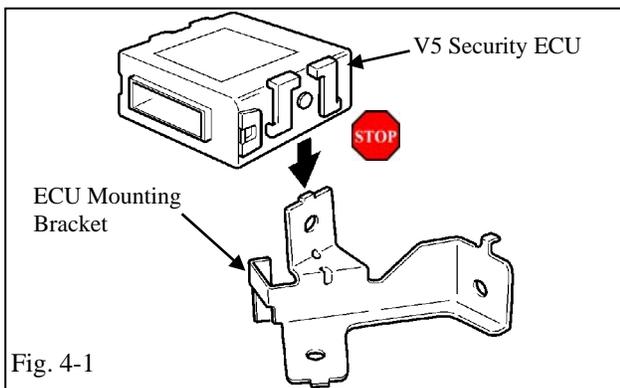
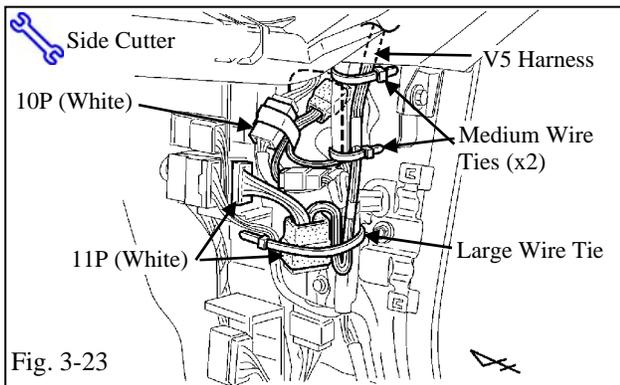
(dd) Place the inner white 10P connectors in the concave spot of the cowl area. (Fig. 3-22)

(ee) Reconnect the vehicle outer 10P connector and secure to the vehicle harness using 1 small Foam Tape. (Fig. 3-22)

(ff) Reconnect the vehicle's outer white 10P connector and secure it to the vehicle harness using the electrical tape. (Fig. 3-23)

(gg) Secure the V5 harness to the vehicle harness with two medium wire ties. (Fig. 3-23)

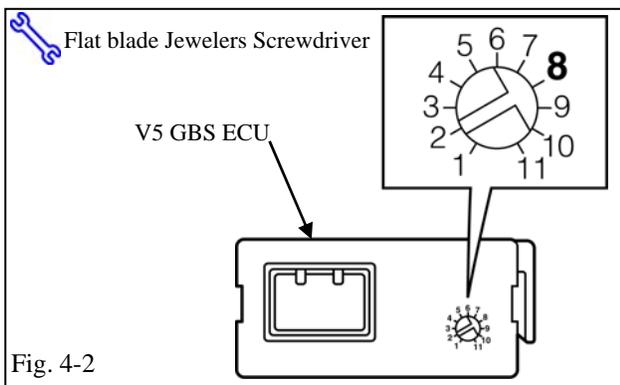
(hh) Secure the white 11P connectors to the vehicle harness with one large wire tie. (Fig. 3-23)



4. V5 Security ECU and V5 GBS ECU Installation.

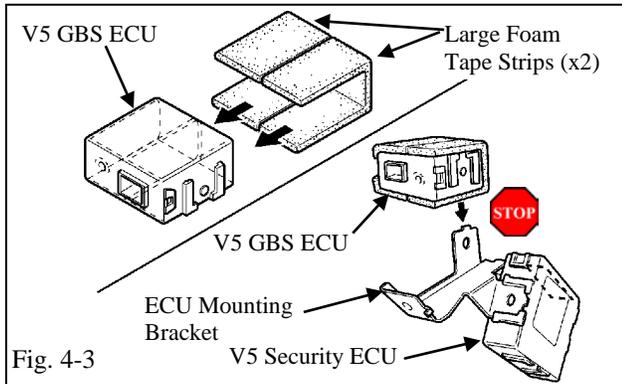
(a) Insert the V5 security ECU mounting bracket tab into the indicated bracket slot on the V5 security ECU. (Fig. 4-1)

- (1) Insert the mounting bracket into the correct slot; you have only one chance to install it properly.

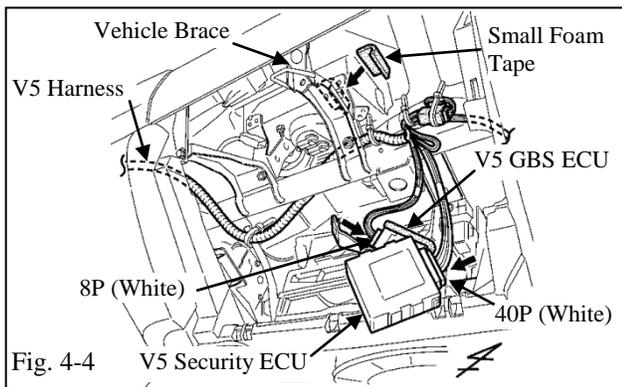


CAUTION: Due to a tight fit between the V5 ECU and bracket, it may be necessary to support the bracket on a flat surface corner and press the ECU onto the bracket.

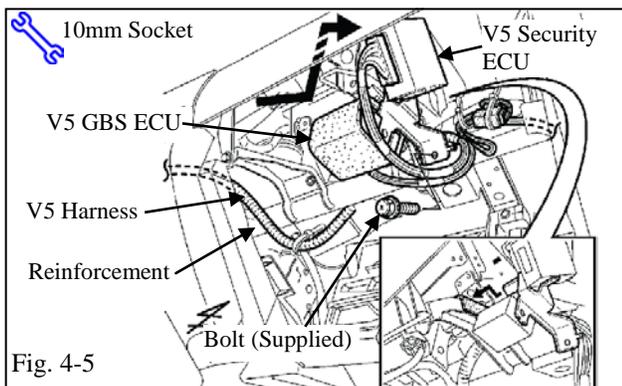
(b) Turn the adjustment screw on the V5 GBS ECU to the "8" position. (Fig. 4-2)



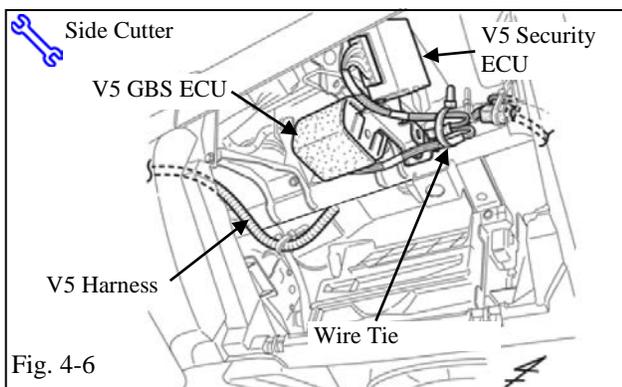
- (c) Apply two large foam tape strips to the V5 GBS ECU as shown. (Fig. 4-3)
- (d) Insert the V5 GBS ECU mounting bracket tab into the indicated bracket slot on the V5 GBS ECU. (Fig. 4-3)
 - (1) Insert the mounting bracket into the correct slot; you have only one chance to install it properly.



- (e) Connect the V5 harness' white 40P connector and white 8P connector to the V5 security ECU and V5 GBS ECU. (Fig. 4-4)
 - (1) Verify the connectors are plugged in securely.
- (f) Apply one small foam tape strip to the vehicle brace as shown. (Fig. 4-4)



- (g) Using the supplied bolt, secure the V5 security ECU and V5 GBS ECU to the reinforcement fixation. (Fig. 4-5)

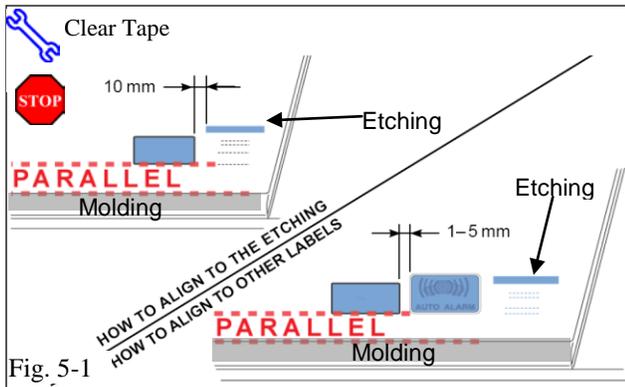


- (h) Secure the V5 ECU harness and the GBS ECU portion of the V5 harness to the vehicle harness with one large wire tie. (Fig. 4-6)

5. Warning Label Installation.

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

- (a) Use Household Glass Cleaner to clean the inside of the Front Door Window.
- (b) Use a piece of Clear Tape to lift the Label from its protective backing.



CAUTION: Do not touch the adhesive surface.

- (c) Attach the Label as shown. (Fig. 5-1)



NOTE: Make sure to Align according to Etching or Other Label. (Fig. 5-1)

REPEAT: Steps a–c with the other Window.

6. Completing the Installation.

- (a) Complete the reassembly of the vehicle.



- (1) Prior to replacing the radio assembly into the dash, cover the radio mounting tabs with a cloth to prevent damage to the vehicle.
- (2) Reconnect any disconnected connectors.
- (3) Verify the panels fit together properly with no uneven gaps between them.

NOTE: When installing the Foot Rest use a Replacement Foot Rest (PN: 58190-04021)

- (b) Clean up and remove any trash.
- (c) Reconnect the vehicle's negative battery cable. (Fig. 6-1)

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

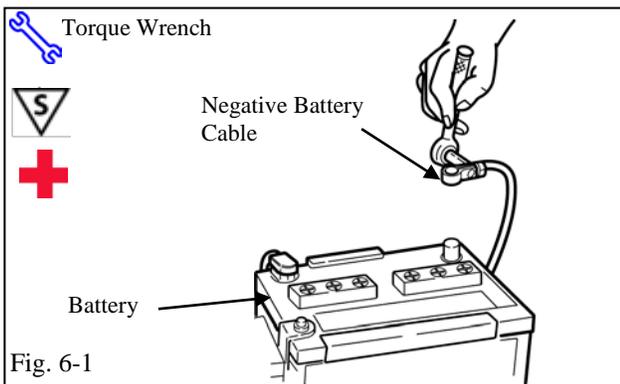


Torque: Tighten the nut to 48 in•lbf (5.4 N•m)



CAUTION: Do not touch the positive terminal.

- (d) Place the owner's manual and warranty card left in their protective bags in the glove box.



Accessory Function Checks

	Perform	Look For
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 stops 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 30 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 stops flashing.
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 14

NOTE: If the alarm still does not trigger during the section 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.

Vehicle Function Checks

Function	Function
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Enter the Vehicle

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

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.