

Part Number: 08586-04820

Section I - Installation Preparation

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Status Monitor
2	1	Owner's Manual
3	2	Labels

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	2	Small Foam Tape Strip
2	5	Medium Wire Ties

Additional Items Required For Installation

Item #	Quantity Reqd.	Description

Conflicts

Note:

Recommended Tools

Safety Tools	
Safety Glasses	
Safety Gloves	(Optional)
Vehicle Protection	Blankets, Part Boxes
Special Tools	
None	
Installation Tools	
Screwdriver	Phillips Head, #2
Screwdriver	Flat Blade, Small
Socket	10 mm
Power Screwdriver	Pneumatic/Electric
Torque Wrench	36 lbf _{in}
Nylon Panel Removal Tool	e.g. Panel Pry Tool #1 Toyota SST # 00002-06001-01
Side Cutters	
Wrench	10 mm
Special Chemicals	
Cleaner	3M™ Prep Solvent-70
Glass Cleaner	Household Windex

General Applicability






Note: Tacoma with Remote Keyless Entry, only.

Recommended Sequence of Application

Item #	Accessory	
1	Audio	
2	V5	

*Mandatory

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.
	CRITICAL PROCESS: Proceed with caution to ensure a quality installation.
	GENERAL PROCESS: This highlights specific processes to ensure a quality installation.
	TOOLS & EQUIPMENT: Calls out the specific tools and equipment recommended for this process.

Section II - Installation Procedure

NOTES:

Removed Parts:-

STOP Place all removed parts on a protected surface.

Connectors:-

STOP When disconnecting connectors, do not pull on the wires; pull on the connectors.

Wire Ties:-

STOP When using wire ties to secure harness, clip the wire ties after securing them.

A. Vehicle Disassembly.

1. For vehicles equipped with automatic transmission, place the shifter in low gear and set the parking brake prior to disconnecting the battery.

2. Disconnect the negative battery cable. (Fig. A-1)

STOP i. Cover the fender before starting.

+ ii. Do not touch the positive terminal with any tool when removing cable.

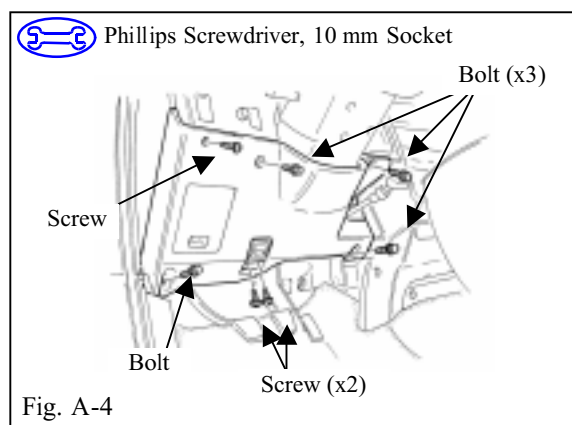
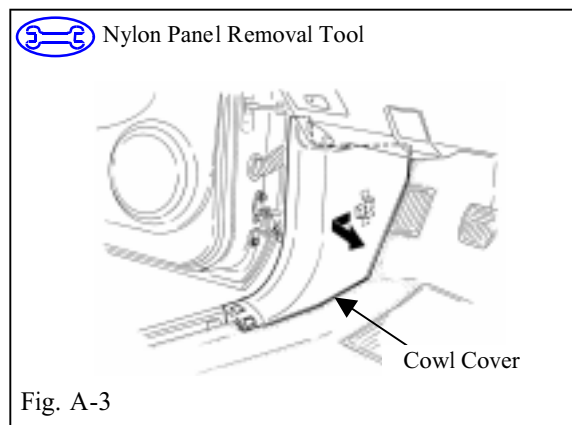
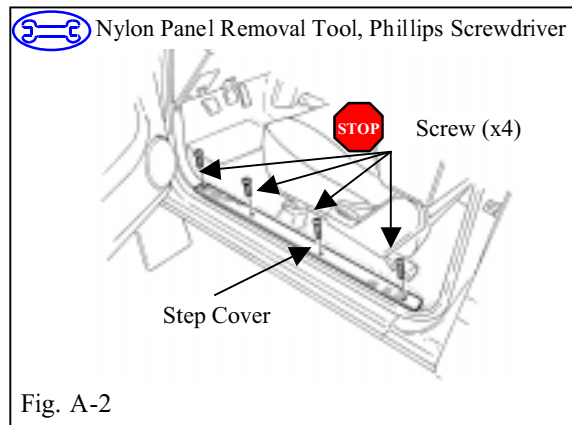
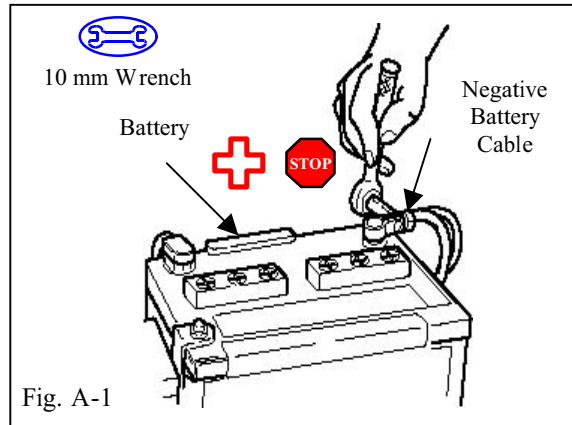
3. Remove the driver side step cover. (Fig. A-2)

STOP i. Protect the seat and floor before starting.
ii. Remove the four screws securing the cover.

4. Remove the driver side cowl cover. (Fig. A-3)

5. Remove the hood release lever. (Fig. A-4)
i. Remove the two screws securing the lever to the lower dash cover.
ii. Remove the cable from the lever.

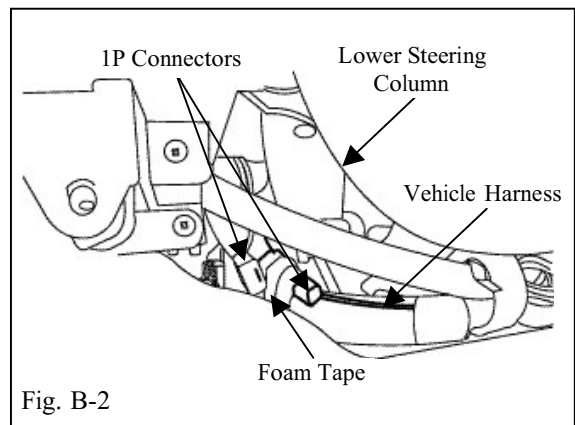
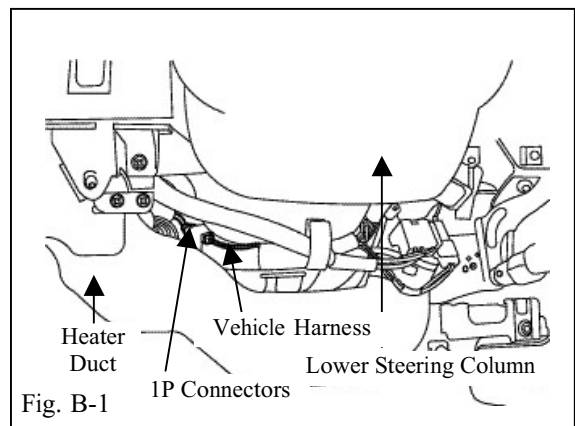
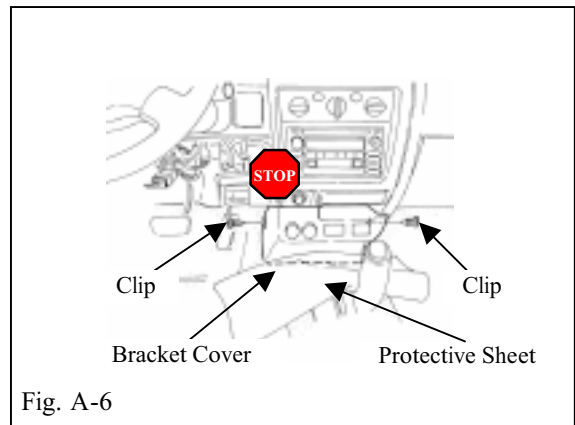
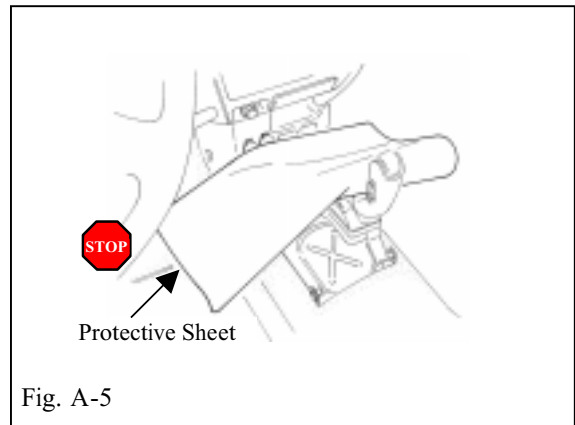
6. Remove the lower dash cover. (Fig. A-4)
i. Remove the four bolts and one screw securing the cover.



- STOP** 7. Use a blanket as a protective sheet. Place the sheet over the front edge of the center console. (Fig. A-5)
- 8. Remove the bracket cover. (Fig. A-6)
 - i. Remove the two clips securing the bracket cover.
 - STOP** ii. Be careful not to damage the cover or scratch the center console.

B. Upgrade V5 Installation.

- 1. Locate and disconnect the 1P connectors, on the vehicle harness below the steering column, next to the J/B on the driver's side. (Fig. B-1)
- 2. Lay the disconnected 1P connectors side by side on the vehicle harness. Wrap the connectors to the harness with one small strip of foam tape. (Fig. B-2)
 - i. Do not reconnect the 1P connectors. (Fig. B-2)



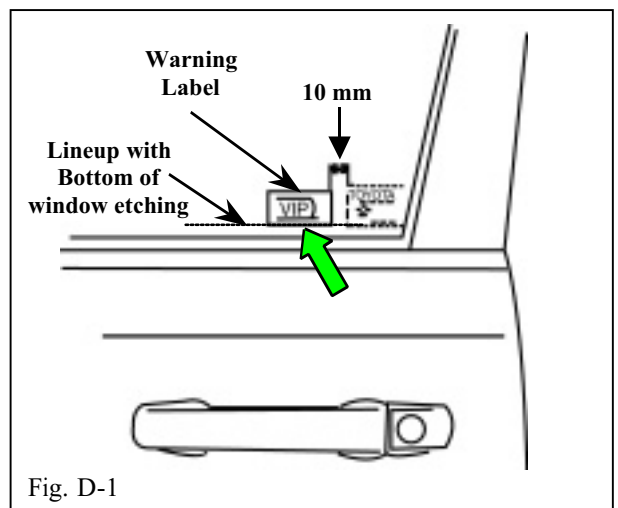
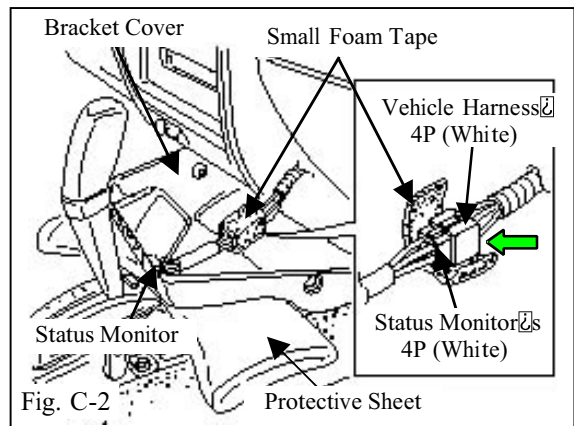
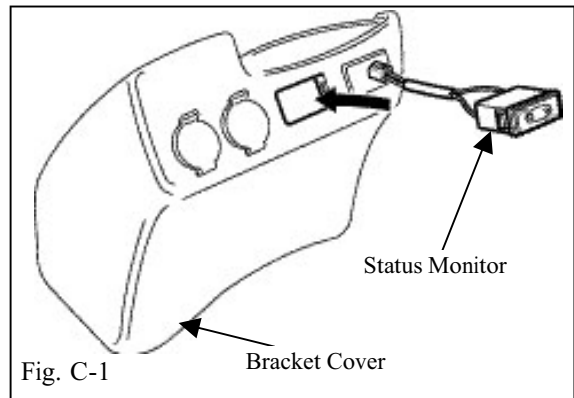
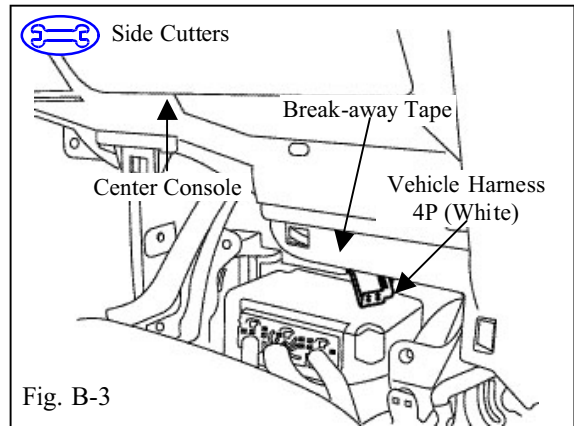
3. Locate the 4P connector in the front center console area, below the audio. (Fig. B-3)
4. Remove the strip of break-away tape securing the 4P connector branch to the vehicle harness. Separate the 4P connector from the vehicle harness. (Fig. B-3)

C. Status Monitor Installation.

1. Remove and discard the knockout cover from the bracket cover. (Fig. C-1)
- ➔ 2. Install the Status Monitor to the bracket cover. (Fig. C-1)
3. Plug in the vehicle harness's white 4P connector to the Status Monitor's white 4P connector. (Fig. C-2)
- ➔ i. Verify the connectors are plugged in securely.
- ➔ 4. Wrap the white 4P connectors with one small strip of foam tape. (Fig. C-2)

D. Warning Label Installation.

- ➔ 1. Using 3M™ Prep Solvent-70 or Household Windex, clean the inside surface of the door's windows. (Fig. D-1)
- STOP i. When cleaning with 3M™ Prep Solvent-70 or Household Windex follow the manufacturer's directions. Do not allow cleaner to air dry.
2. Place the warning label on the inside surface of the front door's window as shown. (Fig. D-1)
- ➔ i. Use a piece of clear adhesive tape to lift the labels off their protective backing sheet.
- ➔ ii. Do not touch the adhesive surface of the warning labels.





- iii. Line up the labels properly and place them on the glass once; do not use a label that was pulled off of the glass.

E. Completing the Installation.

- 1. Complete the reassembly of the vehicle.



- i. Reconnect any disconnected connectors.



- ii. Verify the panels fit together properly with no uneven gaps between them.

- 2. Clean up and remove any trash.

- 3. Reconnect the vehicle's negative battery cable. (Fig. E-1)



- i. Position the negative battery terminal at an angle of 45° to the battery as shown.



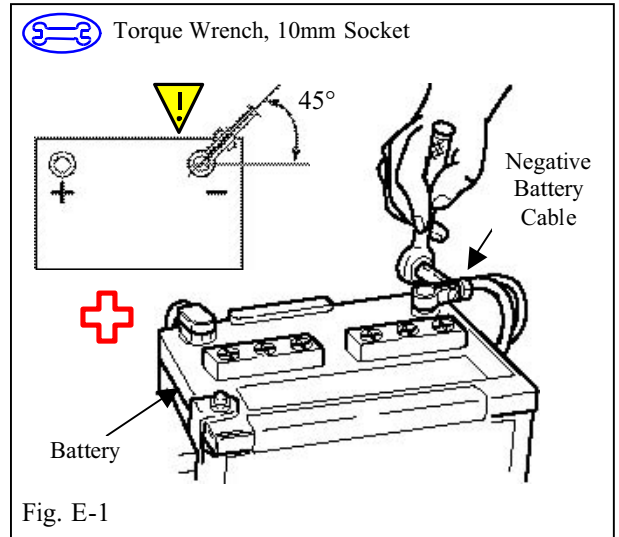
- ii. Tighten the nut to 4.1 N-m (36 lbf-in).



- iii. Do not touch the positive terminal with any tool when replacing the cable.



- 4. Leave the owner's manual in protective bag and place it in the glove box.





Section III - Functional Verifications

Check: _____

Accessory Function Checks

Fit appropriate fuse before beginning.

- Press and release the remote control lock button to start the system arming process.
- Wait 30 seconds.
- Press and release the remote control unlock button to disarm the system.

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.

- Arm and disarm the system with the remote again, then wait 30 seconds.
- Press and release the remote control unlock button again to stop the arming process.
- Insert the key into the driver door key cylinder and turn it toward the front of the vehicle to start the arming process.
- Wait 30 seconds.

Look For: _____

1. The tail and marker lights flash once.
The buzzer chirps once.
All doors lock.
The Status Monitor LED lights up.
2. After 30 seconds, the LED starts flashing; the system is now armed.
3. The tail and marker lights flash twice.
The driver door unlocks.
The buzzer chirps twice
The LED stops flashing.
The interior lights turn on.
4. The doors automatically relock.
The system automatically starts the arming process.
5. Refer to step # 3.
6. All doors lock.
The LED lights up.
7. After 30 seconds, the LED starts flashing; the system is now armed.



Section III - Functional Verifications

Check:

- Reach inside and manually unlock the driver's door to trigger an alarm.

- Manually unlock the driver's door again and hold it unlocked, open the door, then sit in the driver's seat.

- Insert the key into the ignition switch and turn it to "START" to stop the alarm.

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

- Wait 30 seconds.

- Reach inside and manually unlock the front passenger's door to trigger an alarm.

Look For:

- 8. The driver's door automatically relocks.
The horn sounds repeatedly.
The headlights flash repeatedly.
The tail and marker lights flash repeatedly.
The LED lights up.
The interior lights turn on.

- 9. The driver's door lock attempts to lock repeatedly.
The horn continues to sound repeatedly.
The headlights, tail and marker lights continue flashing.
The LED remains on.
The interior lights remain on.

- 10. The horn stops sounding.
All the lights stop flashing and/ or turn off.
The LED turns off.
The starter cranks and the engine starts.

- 11. All doors lock.
The LED lights up.

- 12. After 30 seconds, the LED starts flashing; the system is now armed.

- 13. The front passenger's door relocks.
The horn sounds repeatedly.
The headlights, tail and marker lights flash repeatedly.
The LED lights up.
The interior lights turn on.



Section III - Functional Verifications

Check:

- Press and release the remote control's unlock button to stop the alarm.

For D-cab "only", climb into the rear passenger area, then close the door.

- Press and release the remote control's lock button to start the arming process, then wait 30 seconds until the system is armed.
- Unlock and open one of the rear passenger doors to trigger an alarm.
- Repeat the above steps with the other rear passenger door.

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

- Press and release the remote control's lock button to start the arming process.
- Wait 30 seconds.

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

- With moderate force, tap the center of the driver's doorwindow with the tip of a key to trigger the "warn away" alarm.

Look For:

- 14. The horn stops sounding.
All the lights stop flashing.
The LED turns off.
- 15. Refer to step #1 and #2.
- 16. Refer to step #13.
- 17. Refer to step #15 and #16.
- 18. Refer to step # 1.
- 19. After 30 seconds, the LED starts flashing;
the system is now armed.
- 20. The horn sounds repeatedly.
The headlights flash repeatedly.
The tail and marker lights flash repeatedly.
The LED lights up.

NOTE: Adjust as necessary by increasing the GBS setting to the next level if the alarm does not trigger during the functional verifications.

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



Section III - Functional Verifications

Check: _____

- Insert the key into the driver's door key cylinder and turn it toward the back of the vehicle to stop the alarm.

Look For: _____

- 21. The horn stops sounding.
All the lights stop flashing and/or turn off.
The status monitor's LED turns off.

Vehicle Function Checks

- Perform standard electrical system function checks.

Confirm electrical system is functioning correctly.

Remove the appropriate fuse after checks are completed.