

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	
Installation Tools	
Phillips Head Screwdriver	#2 Screwdriver or Tip
Flat Blade Screwdriver	Small
10 mm Socket	
Pneumatic/ Electric Wrench	
Torque Wrench	
Nylon Panel Removal Tool	
Side Cutters	
10mm Wrench	
Special Chemicals	
Cleaner	3M™ Prep Solvent -70

General Applicability






2003 – 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. These points will be audited on a completed vehicle installation
	GENERAL PROCESS: This highlights specific processes to ensure a quality installation. These points will be audited during the accessory installation
	TOOLS & EQUIPMENT: This calls out the specific tools and equipment required for this process

Section II – Installation Procedure

A. Vehicle Disassembly

1. Disconnect the negative battery cable.
(Fig. A1)



i. Cover the fender before starting.



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

2. Remove the driver side step cover. (Fig. A2)



i. Protect the seat and floor before starting.

ii. Remove the four screws securing the cover.

iii. Place all removed parts on protected surface.

3. Remove the driver side cowl cover. (Fig. A3)

4. Remove the hood release lever. (Fig. A4)

i. Remove the two screws securing the lever to the lower dash cover.

ii. Remove the cable from the lever.

5. Remove the lower dash cover. (Fig. A4)

i. Remove the four bolts and one screw securing the cover.

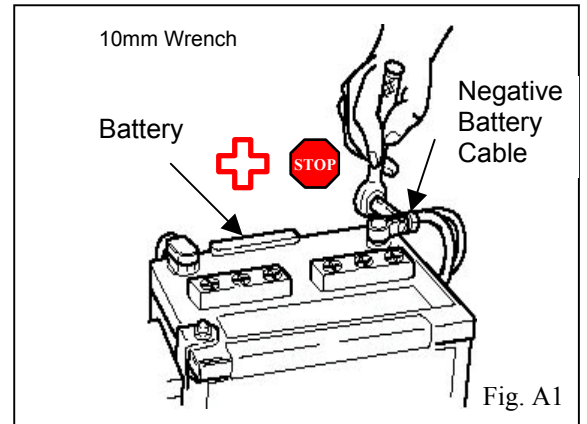


Fig. A1

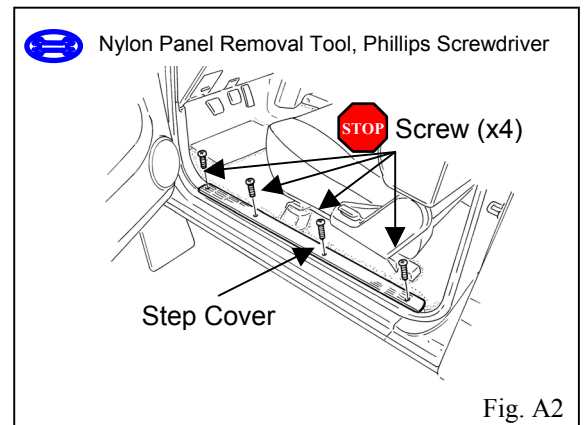


Fig. A2

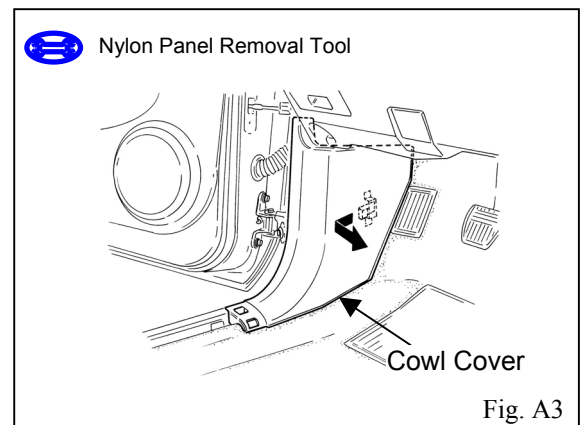


Fig. A3

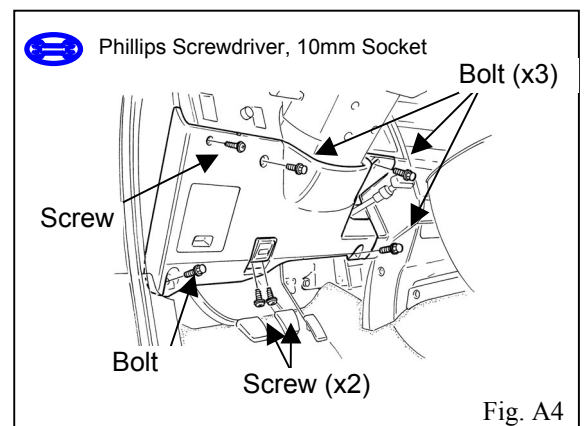




Fig. A4

-  6. Prepare a blanket, and then place the blanket over the front edge of the center console. (Fig. A5)
-  7. Loosen the bracket cover, but do not remove the cover. (Fig. A6)
 - i. Remove the two clips securing the bracket cover.

B. Upgrade V5 Installation

- 1. Locate and disconnect the 1P connectors, on the V5 harness below the steering column, next to the J/B on the driver's side. (Fig. B1)
 - i. Do not pull on the wires; pull on the connector.

NOTE: The V5 Harness is pre-installed in the vehicle.

- 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. Do not reconnect the 1P connectors. (Fig. B2)

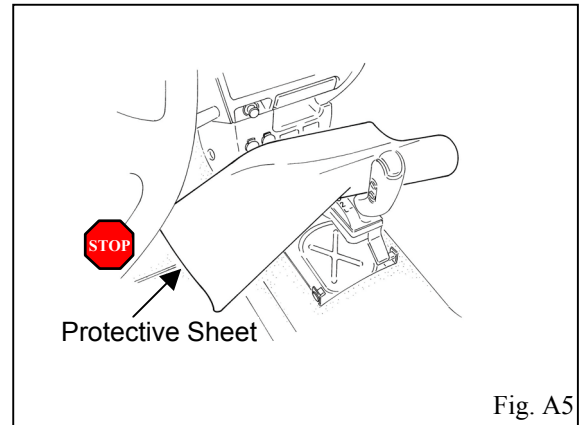


Fig. A5

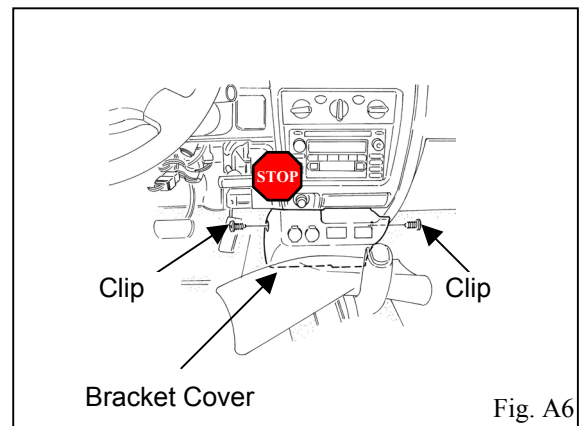


Fig. A6

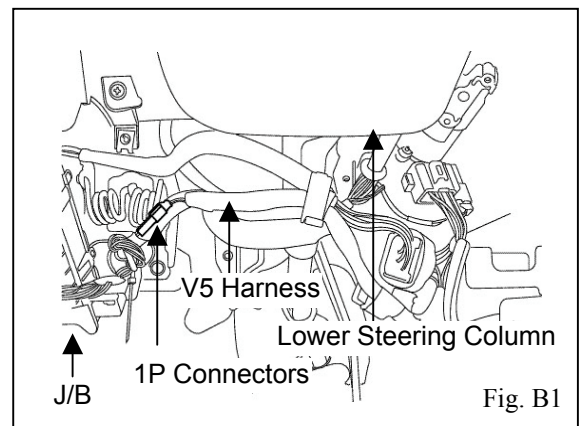


Fig. B1

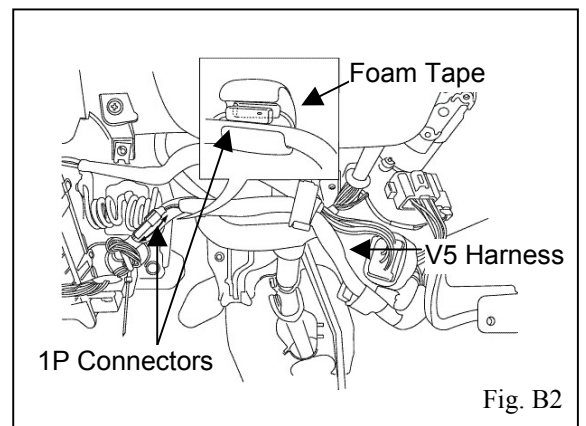


Fig. B2

3. Remove the two strips of break-away tape securing the 4P connector branch to the V5 harness. Separate the 4P connector from the V5 harness. (Fig. B3)

i. Remove the 4P connector branch from the vehicle clip and then reapply the clip to secure the V5 harness.

➔ 4. Route the V5 harness' 4P connector toward the center console area, and then secure it to the vehicle harness with one medium wire tie. (Fig. B4)

C. Status Monitor Installation

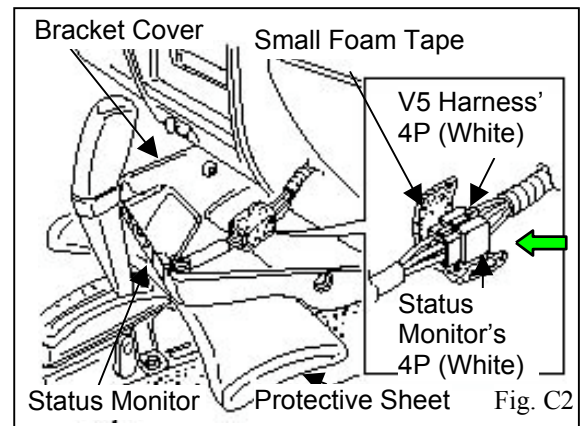
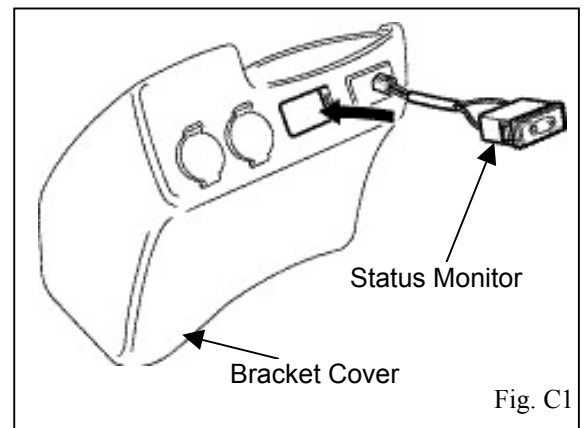
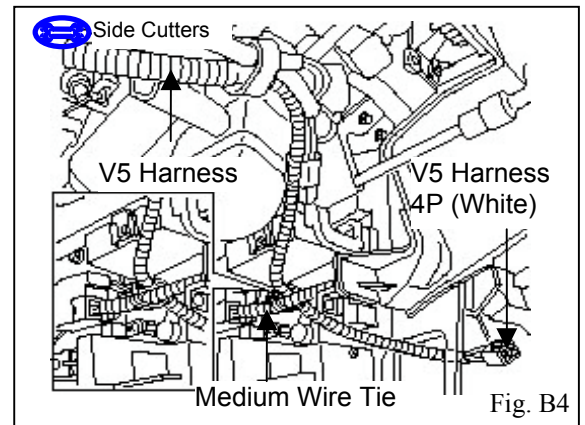
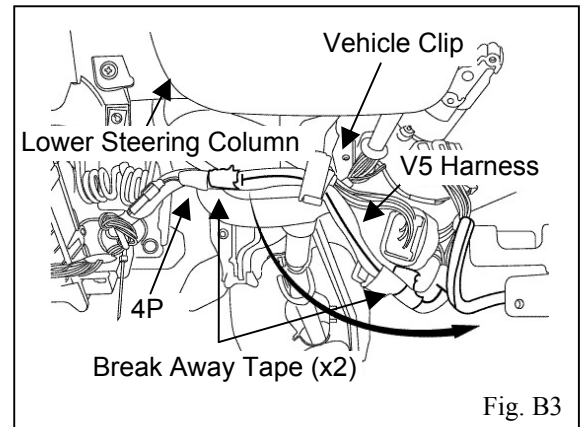
1. Remove and discard the knockout cover from the bracket cover. (Fig. C1)

➔ 2. Install the Status Monitor to the bracket cover. (Fig. C1)

3. Plug in the V5 harness' white 4P connector to the Status Monitor's white 4P connector. (Fig. C2)

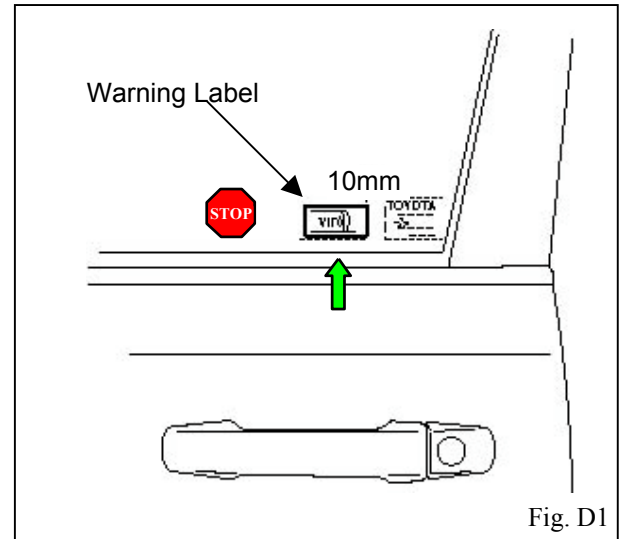
➔ i. Verify the connectors are plugged in securely.

➔ 4. Wrap the white 4P connectors with one small strip of foam tape. (Fig. C2)



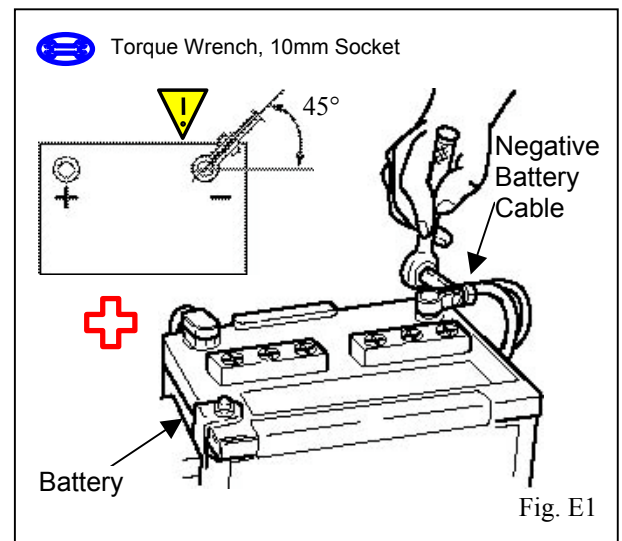
D. Warning Label Installation

- ➔ 1. Clean the inside surface of the front door windows. (Fig. D1)
- ➔ i. When cleaning with 3M™ Prep Solvent-70 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 window as shown. (Fig. D1)
- ➔ i. Use a piece of clear adhesive tape to lift the labels off of their protective backing sheet.
- ⊘ ii. Do not touch the adhesive surface of the warning labels.



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. E1)
- ➔ i. Position the negative battery terminal at an angle of 45° to the battery as shown.
- ⚠ ii. Tighten the nut with 4.1 N•m (36 lbf•in) of torque.
- ⊕ iii. Do not touch the positive terminal with any tool when replacing the cable.
- ➔ 4. Leave the owner's manual and warranty card in their protective bags and place them in the glove box.





Section III – Functional Verifications

Check: _____

Accessory Function Checks

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

- Wait 30 seconds.

- Press and release the remote control's 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's unlock button again to stop the arming process.

- Insert the key into the driver's 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's 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's 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.

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, taillights 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.



Section III – Functional Verifications

Check:

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

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

- Press and release the remote control's unlock button to stop the alarm.
- 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 and back door (if equipped).

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.

Look For:

- 13. The front passenger's door relocks.
The horn sounds repeatedly.
The headlights flash repeatedly.
The turn signal lights flash repeatedly.
The LED lights up.
- 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.



Section III – Functional Verifications

Check: _____

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

- Using the tip of a key, tap the center of the driver's door window to trigger the “warn away” alarm.

- 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: _____

- 20. The horn sounds repeatedly.
The headlights flash repeatedly.
The turn signal 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.*
- 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.