

Toyota Prius

2008 -

Factory Alarm Interface

Part Number: 00016-47031

Accessory Code: QS1



Kit Contents

Item #	Qty	Description
1	1	Security Interface Module
2	1	Shock Sensor
3	1	Main Harness
4	1	Hardware Bag
5	2	Anti Theft Window Decals
6	1	Owner's Card

Hardware Bag Contents

Item #	Qty	Description
1	3	Red T-Tap Terminal
2	12	8" Black Cable Ties
3	1	Foam Mounting Pad

Additional Items Required For Installation

Item #	Qty	Description

Recommended Tools

Safety Tools	
Safety Glasses	
Fender Cover (s)	
Special Tools	
INSTALLATION TOOLS	
Phillip screwdriver	Ratchet w/extension
10 mm socket	Diagonal wire cutters
Common pliers	Flashlight
Nylon trim tool	Drill motor
Torque Wrench	53in lbs.
Special Chemicals	

General Applicability

Prius with factory remote keyless entry only
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Recommended Sequence of Application

Item #	Accessory

Vehicle Service Parts (may be required for reassembly)

P/N	Qty	Description
00016-47031-03	1	Interface Control Module
00016-30960-02	1	Shock Sensor Module
00016-47031-02	1	Hardware Bag
00016-30960-03	2	Window Warning Decal
00016-47031-01	1	Wire Harness

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.

SPECIAL NOTE: Installation Sequences

After TMS and Safety mandated preparatory steps have been taken, the installation sequence is the suggested method for completing the accessory installation. In some instances the suggested sequence is written for one associate to install and in others the sequence is given as part of a team accessory installation. Unless otherwise stated in the document, the associates may perform the installation steps in any order to make the installation as efficient as possible while maintaining consistent quality.

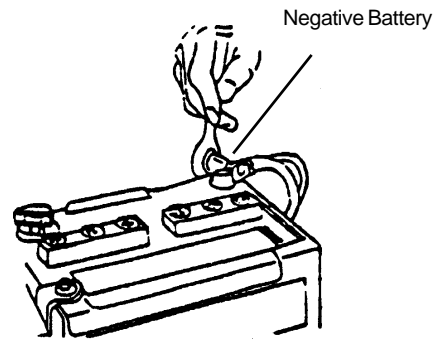
Preparation**PREPARING FOR INSTALLATION****INSTALLATION PREPARATION**

Before starting installation

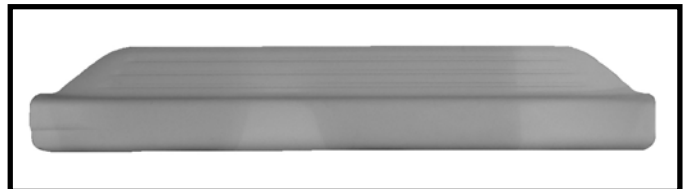
1. Familiarize yourself with the installation instructions.
2. Inspect kit components (Refer to kit contents and hardware bag contents).

VEHICLE PREPARATION

1. Place protective coverings on vehicle.
2. **"IMPORTANT.....IMPORTANT"**
Disconnect Negative Battery Cable
3. Refer to the vehicle repair manual, and carefully remove the driver's front sill panel, driver's front kick panel and driver's side lower finish panel.

**REMOVE THE DRIVER'S SCUFF PLATE:**

1. Insert a plastic panel tool under the scuff plate and carefully pry upward to disengage the snap clips.



PREPARING FOR INSTALLATION

REMOVE THE DRIVER'S KICK PANEL:

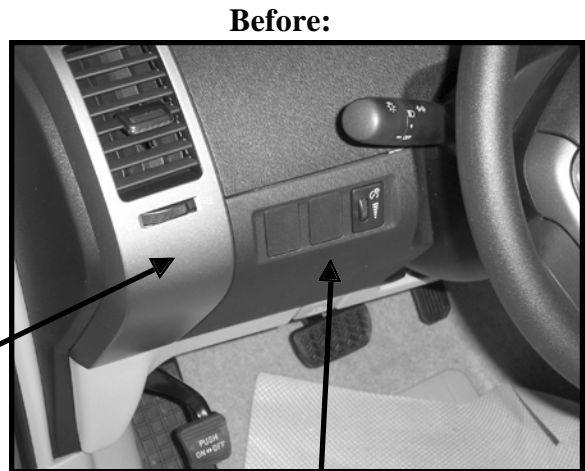
1. Insert a plastic panel tool behind the kick panel and carefully pry outward to disengage the snap clips.



REMOVE THE DRIVER'S SIDE AIR CONDITIONING VENT:

1. Remove the driver's side air conditioning vent by inserting a plastic panel tool between the dash and the trim piece and carefully prying to disengage the snap clips.

Air Conditioning Trim Panel



Before:

Driver's Side Finish Panel

REMOVE THE DRIVERS SIDE FINISH PANEL:

1. Remove the driver's side lower finish panel by inserting a plastic panel tool between the dash and the trim and carefully prying to disengage the (4) snap clips.

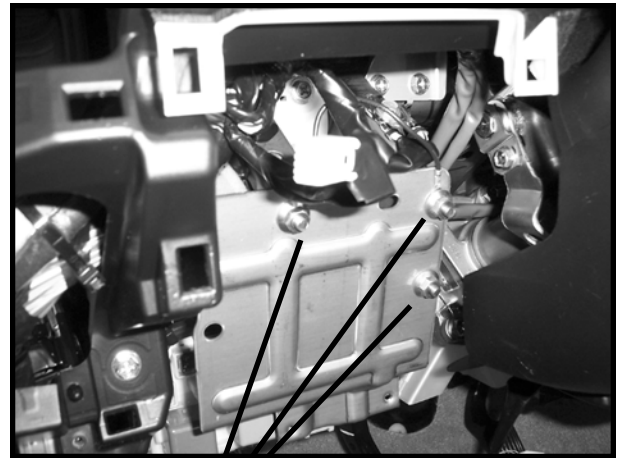
After:



PREPARING FOR INSTALLATION

REMOVE THE METAL BRACE BEHIND THE FINISH PANEL:

1. remove the (3) 10 mm bolts securing the large metal brace, located behind the finish panel.

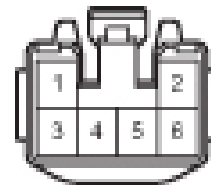


10mm
Bolts x 3

INSTALLING THE ALARM INTERFACE

INSTALLING MAI

1. At the main body ECU, Locate the 10 connector.
2. Install (1) red T-Tap on the RED (Pin 5) wire.
3. Connect the shock sensor harness RED/WHITE wire to the RED (Pin 5) wire in the 10 connector.

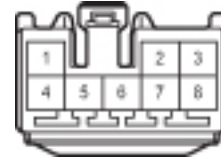


Connector 10

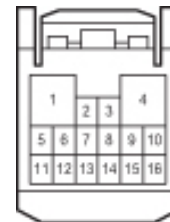
INSTALLING THE ALARM INTERFACE

INSTALLING MAIN HARNESS:

4. At the main body ECU, locate the 1J connector.
5. Install (1) red T-Tap on the BLACK (Pin 4) wire.
6. Connect the shock sensor harness YELLOW wire to the BLACK (Pin 4) wire in the 1J connector.
7. At the rear of the main body ECU, locate the B6 connector.
8. Install (1) red T-Tap on the PINK (Pin 5) wire.
9. Connect the shock sensor harness GREEN/WHITE wire to the PINK (Pin 5) wire in the B6 connector.



Connector 1J



Connector B6

Installation**INSTALLING THE ALARM INTERFACE****INSTALLING THE SHOCK SENSOR:**

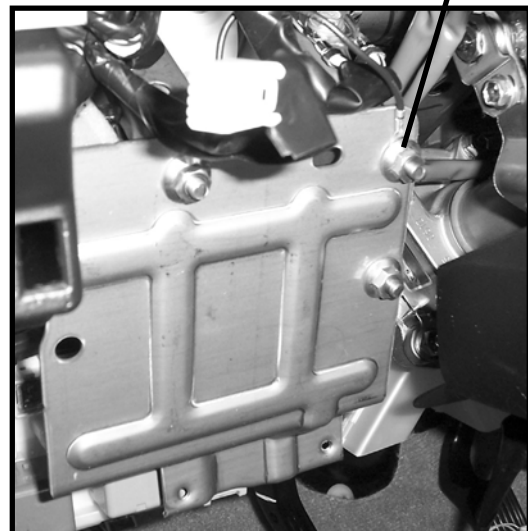
1. Secure shock sensor to wire loom running near the firewall, to the left of the brake pedal with (2) wire ties.
2. Plug in 4 cavity Molex connector from the main harness into the rear of the shock sensor.

**INSTALLING ALARM INTERFACE RELAY:**

1. Plug in 10 way Molex connector from the main harness into the Alarm Interface Relay.
2. Secure Alarm Interface Relay to factory harness running behind the driver's side air conditioning vent using (2) wire ties.

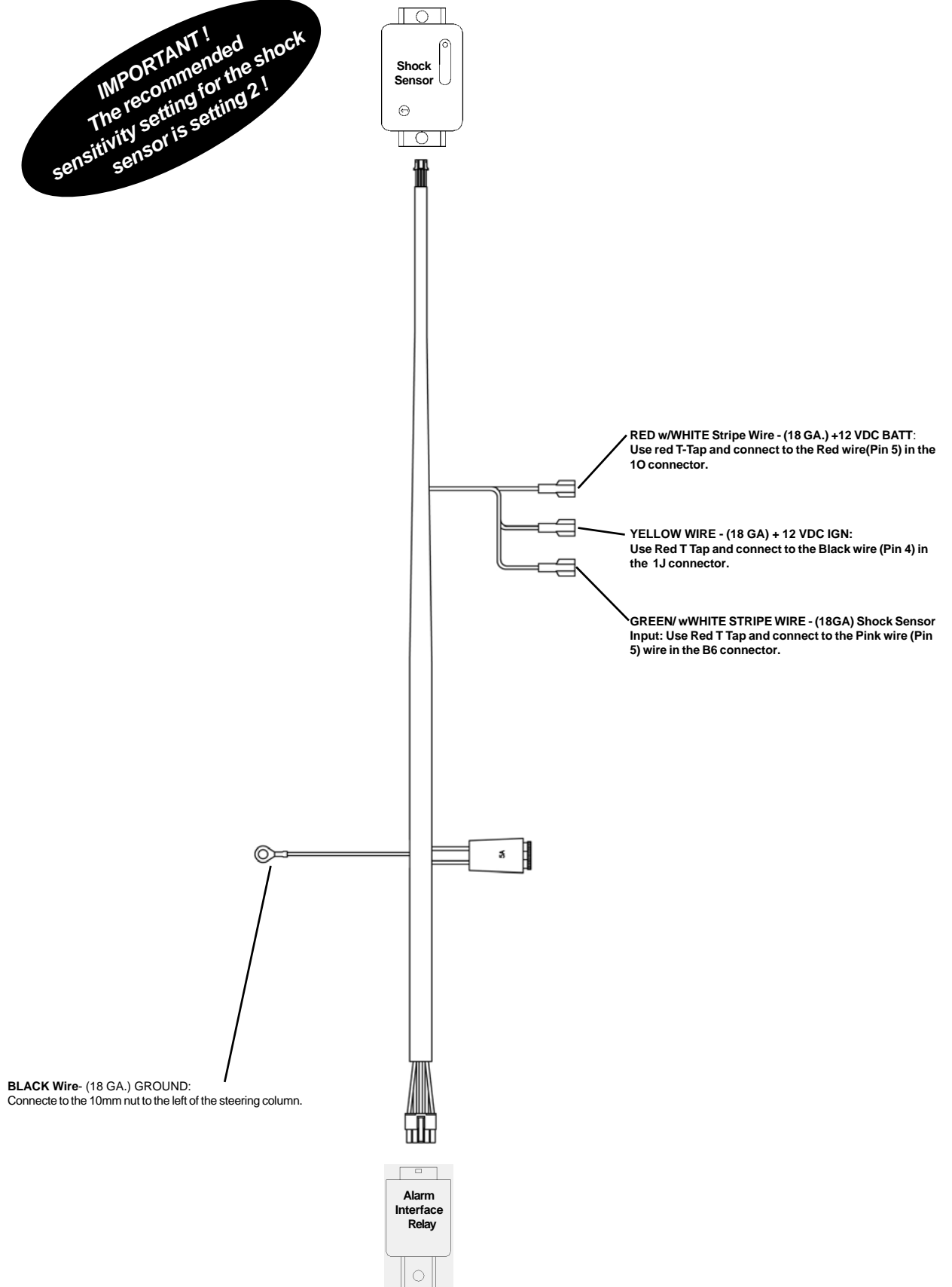
**Ground Terminal****SECURE ALARM INTERFACE GROUND CONNECTION:**

1. Reassemble the large metal brace to the left of the steering wheel.
2. Attach the alarm interface ground ring to the upper right hand nut securing the metal brace.



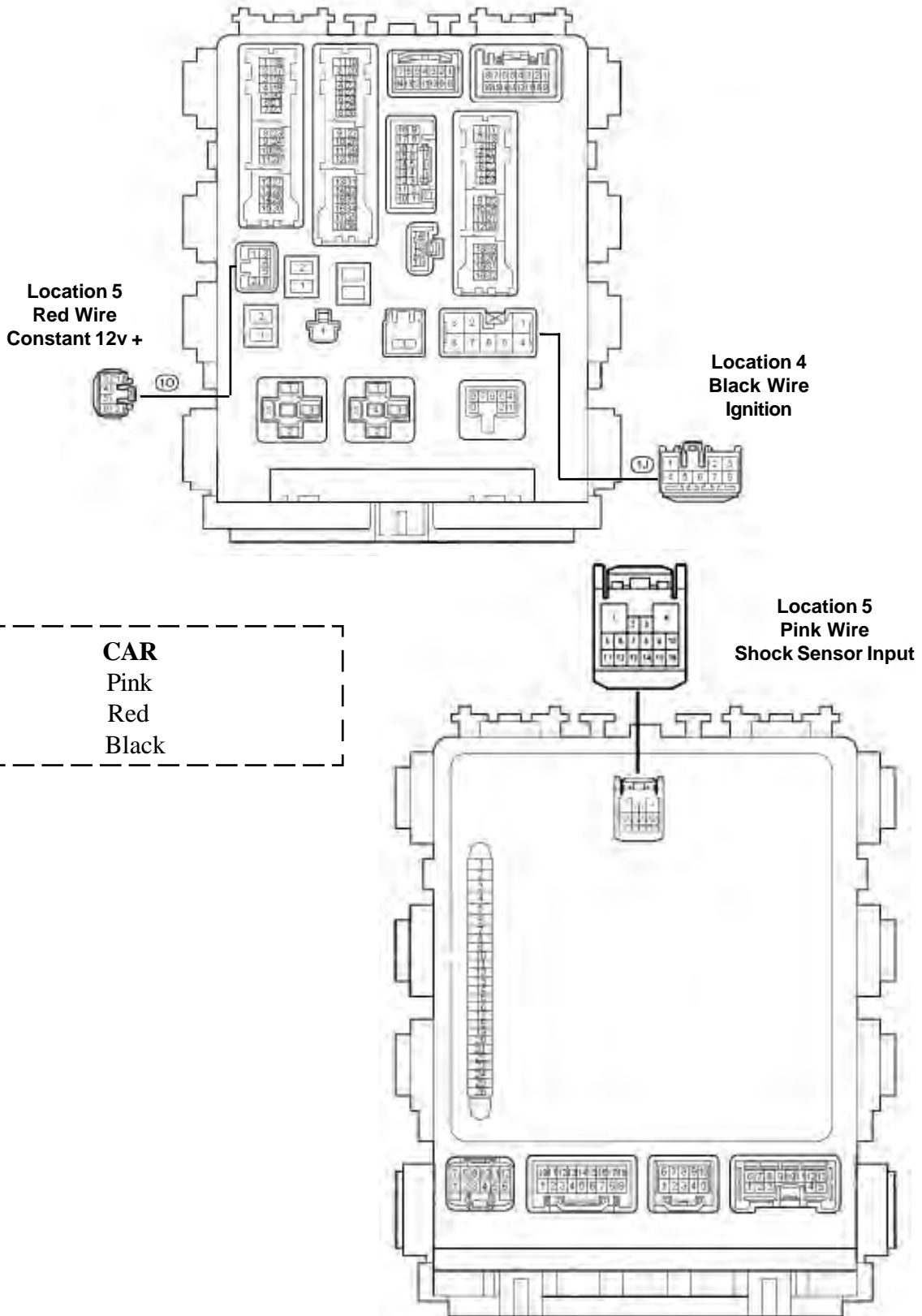
WIRING DIAGRAM

IMPORTANT!
The recommended
sensitivity setting for the shock
sensor is setting 2!



1. Main Body ECU

Location : Left of steering column



COMPLETING THE INSTALLATION

“Reconnect Neg. Battery Terminal And Torque To 53in lbs”

ACTIVATING THE SYSTEM:

1. For vehicle's that have the factory security option turned off, use the TIS TechStream tool to activate the security option. You can find this in.....

- CUSTOMIZE-
- OPTION SETUP-
- DOP SECURITY-
- ON-

ASSEMBLE ALL REMOVED PANELS TO THE VEHICLE :

1. Refer again to the vehicle repair manual and re assemble all panels that were removed for installation back onto the vehicle.

2. Apply the window warning decals to the driver side and passenger side front windows, just above the anti - theft radio stickers if equipped. If not equipped, apply the decals at the lower rear edge of the window. The decals are reverse printed, and are applied to the **inside surface** of the glass.

WINDOW



TESTING THE SYSTEM:

1. Prior to delivering the vehicle, test all features of the factory system according to the vehicle's owner's manual.

2. Be sure to arm the system by pressing the LOCK button on the keyless entry transmitter. The factory security light will turn on solid for approximately 30 seconds, then begin to flash indicating the system is armed. At this time, deliver a firm strike to the driver's A Pillar with the open palm of the hand. The alarm should trigger as a result of the shock sensor.