

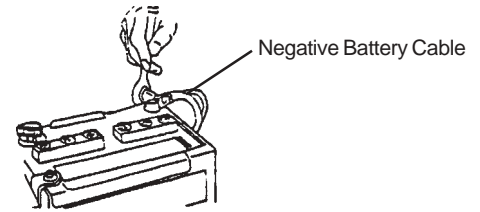
INSTALLATION PREPARATION

Before starting installation

1. Familiarize yourself with the installation instructions.
2. Inspect kit components.

VEHICLE PREPARATION

1. Place protective coverings on vehicle.
2. Disconnect negative battery clamp



3. Remove the driver side fuse cover panel.



4. Insert the ignition key and turn to the "ON" position. Turn the steering wheel to expose the phillip screws on the left and right side of the lower steering column cover end. Remove screws. Remove the ignition key and remove the lower steering column cover.



5. Using a plastic panel tool, remove the dash cluster trim panel.



6. Remove the (1) phillip screw, lift the instrument cluster outward, disconnect the electrical connector and remove from dash area.



INSTALLING THE SECURITY SYSTEM

MOUNTING THE LED/VALET SWITCH:

1. Remove the vehicle "knock-out" from the dash.
2. Remove the knurled mounting nut from the back of the LED Valet switch, pass the wires through the hole of the knock-out provided in the kit, then secure the switch with the knurled nut.
3. Install the "Security" labeled knock-out into the dash as shown.

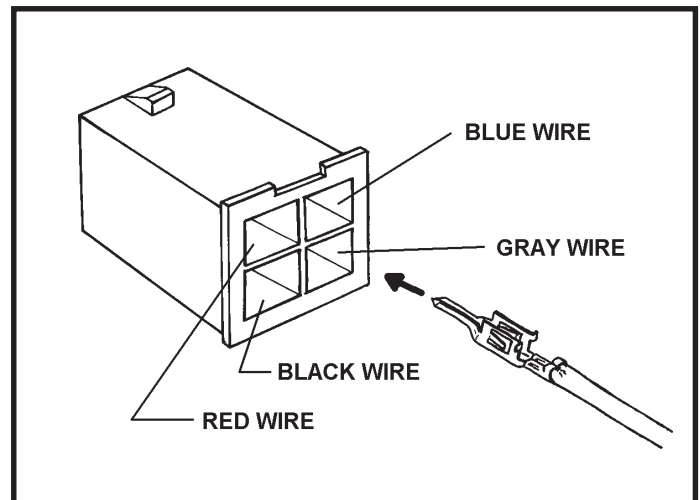


PREPARING THE LED/VALET SWITCH:

1. Locate the 4 pin Molex connector found in the hardware bag included in the kit.
2. Carefully plug the terminals at the ends of the 4 wires from the switch into the connector housing as shown.



IMPORTANT ! Be sure to align the terminal correctly before inserting it into the connector housing.



INSTALLING THE SECURITY SYSTEM

MOUNTING SHOCK SENSOR MODULE:

A. Use (2) of the short black cable ties provided in the hardware bag, and secure the shock sensor to the main vehicle harness as shown in the photo. Adjust the sensitivity to position 2 for testing.



IMPORTANT NOTE ! Be sure to pass the cable ties through the holes in the upper and lower mounting tabs of the shock sensor, then around and securing to the main harness. Failure to do this could cause the shock sensor to become loose and fall by the driver's feet, seriously affecting the driver's ability to control the vehicle.



MOUNTING MAIN CONTROL MODULE:

A. Secure the main module above and behind the driver side JB using the long cable ties and adhesive pad provided in the hardware bag.



INSTALLING THE SECURITY SYSTEM

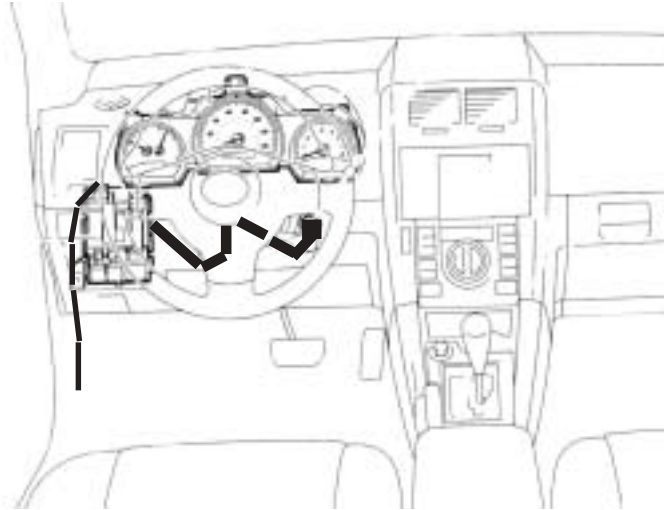
ROUTING THE MAIN HARNESS:

1. Connect the security harness ignition connectors to the vehicle ignition switch connectors. Route the security harness over to and down the steering column with the vehicle harness. Connect security module connector to the security module.

2. Route the rest of the harness over the top of the J/B as shown and down to the floor of the driver's kick panel area.



3. Secure the main harness along its routing with the cable ties provided. Be sure that the harness is clear of all **sharp, hot, moving** objects.

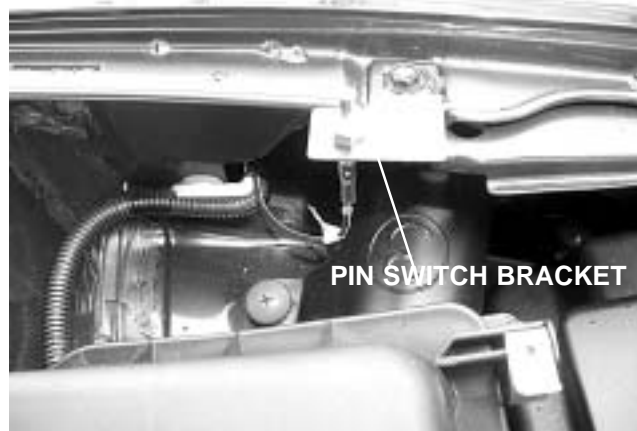


MOUNTING THE HOOD PIN SWITCH BRACKET:

1. Locate the existing 10 mm hex head bolt in the driver's side front fender.

2. Remove the 10mm bolt, then position the pin switch mounting bracket into place. Replace and tighten the bolt securely when the bracket is in place.

3. Thread the pin switch into the bracket, and tighten securely.



INSTALLING THE SECURITY SYSTEM

ROUTING THE HOOD PIN SWITCH WIRE:

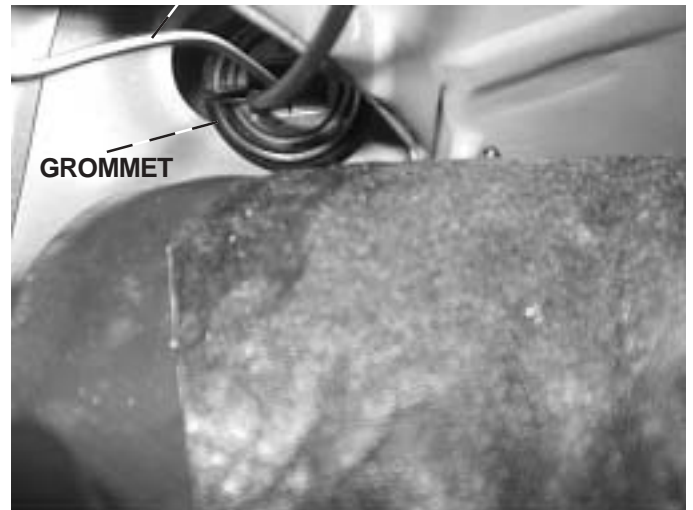
1. Locate the fender well grommet for the hood cable. Remove the grommet from the opening,



2. Connect the pin switch wire to the pin switch and route into the driver's inner fender well, through the grommet, through the opening to the interior of the vehicle. Wire should be clear of hot, sharp, moving objects. Reinstall the fender well grommet.

3. Secure pin switch wire along the selected routing with cable ties as needed. Seal opening in grommet with a good sealant to prevent water entry into the interior of the vehicle.

PIN SWITCH WIRE

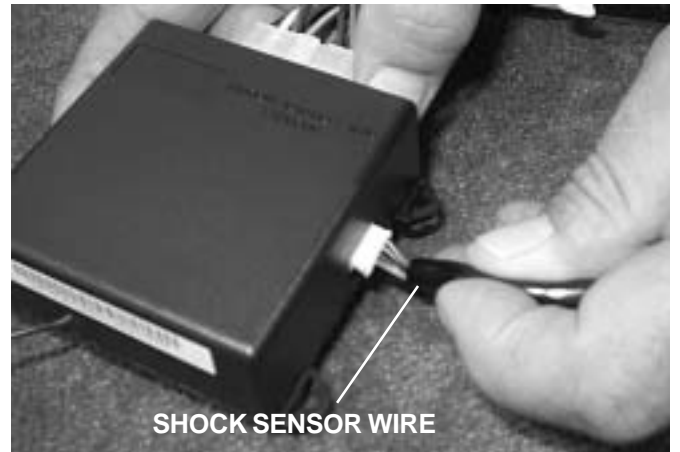


INSTALLING THE SHOCK SENSOR HARNESS:

1. Plug the 5 pin end of the harness into the matting connector on the main control module.

2. Route the harness towards the shock sensor, where it will not interfere with any sharp or moving objects.

3. Secure the harness along the routing path using the cable ties provided.



IMPORTANT ! Make sure that the brake pedal, accelerator pedal, and accelerator pedal linkages are free and clear of all security harnesses.

CONNECTING THE SECURITY SYSTEM HARNESS:



1. Carefully follow the wiring diagram and factory connector details on the following two pages.

CONNECTOR DETAILS 2005 - 2006 SCION tc

1. CONNECTOR I5 : Ignition Switch

Location : Steering Column



2. CONNECTOR S7 : Horn

Location : Steering Column at Light Switch

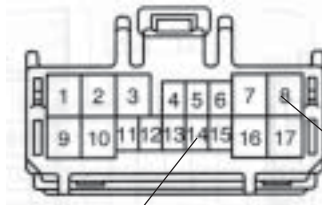


BLACK

Location 6
White
Horn

3. CONNECTOR C7 : Lighting Circuit

Location : Steering Column at Light Switch

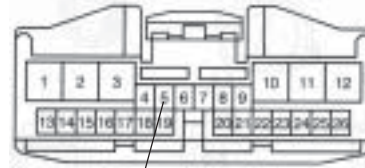


Location 14
Brown
Parking lights

Location 8
Orange
Headlights

4. CONNECTOR I6 : Door Trigger

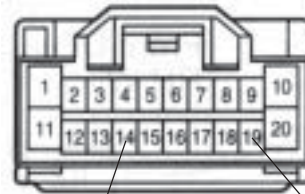
Location : Body Computer - Rear of Driver's J/B



Location 5
Blue
Data

5. CONNECTOR IB2 : Door Circuit

Location : Driver's Kick Panel Area



Location 14
Violet
Unlock

Location 19
Red
Lock

6. CONNECTOR IB1 : Door Circuit

Location : Driver's Kick Panel Area



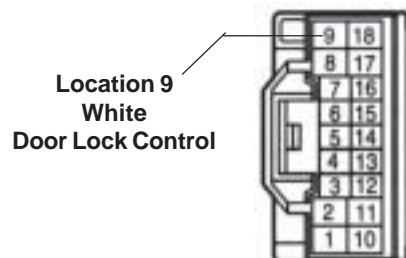
GRAY

Location 5
Pink
Door Motor

Location 6
Blue
Door Motor

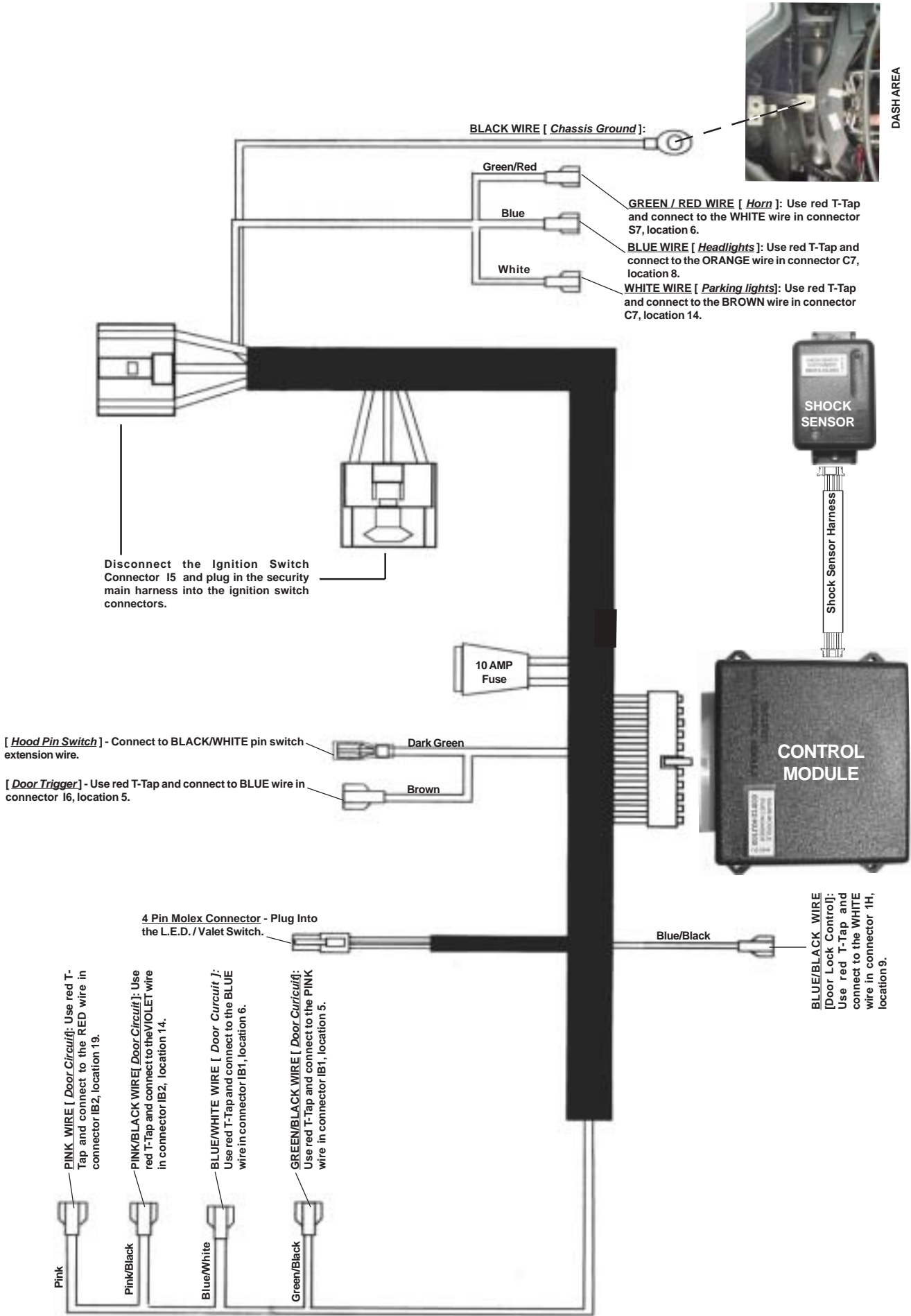
7. CONNECTOR 1H : Door Lock

Location : Front of Driver's J/B.



Location 9
White
Door Lock Control

WIRING DIAGRAM 2005-2006 SCION tc

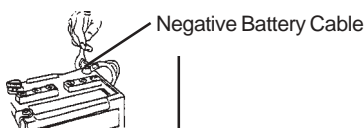


DASH AREA

TESTING ALARM SYSTEM:

A. RECONNECT THE BATTERY:

Reinstall the Negative cable to the vehicle and torque to 36in. lbs.



- B. Test **BOTH** remote transmitters, one at a time. Press and release the "LOCK" button. If the LED light on the transmitters fails to glow, you need to check the transmitter battery.

C. VALET CONTROL SWITCH:

1. Sit in the driver's seat, insert the ignition key and turn to the ON position.
2. Press the valet control switch and verify that the LED light responds. Light should go ON and OFF with actuation of the valet control switch.
3. With the LED indicator light ON, ignition OFF and key removed, the security system is in the valet mode and the alarm should not arm. Press the "LOCK" button, the parking lights will flash once, all doors will lock, headlights come on for 20 seconds. Press the "UNLOCK" button, the parking lights will flash twice, driver's door only will unlock, headlights come on for 20 seconds.
4. Ignition key ON, LED light OFF, ignition key OFF.

D. ARMING/DISARMING & PANIC:

1. Put all vehicle windows down and close hood and all doors.
2. Press and release the "LOCK" transmitter button.
3. All doors should lock, parking lights flash once, horn chirps once, headlights come on for 20 seconds and the LED should flash slowly. (Note: If the parking lights flash three times and the horn chirps three times, check for an open hood or door.)
4. Press the "UNLOCK" button, the horn chirps (2) times, parking lights flash (2) times, headlights come on for 20 seconds, driver's door only unlocks.
5. Press and hold the "RED" button to test the "Panic" function. The alarm should blow the horn in short, continuous blast, parking lights should be flashing.

E. SHOCK SENSOR:

1. Press the "LOCK" button to arm the system. With the open palm **lightly** slap the "A" pillar by the driver's windshield. You should hear short chirps from the vehicle horn. This is a check of the shock sensor "WARN-AWAY" function. Allow a few seconds for the shock to settle, then conduct the same check at various points around the vehicle. Sensitivity can be adjusted at the shock sensor for best response.
2. Slap the vehicle at the "A" pillar with slightly more force. The vehicle should go into full alarm. Press the "UNLOCK" button to disarm the system. Rearm the vehicle and conduct the same check at various points around the vehicle. Adjust sensitivity at the shock sensor for the best response.



F. DEFECTIVE OR LOST TRANSMITTER:

1. Press the "LOCK" button to arm the system. Open the driver's door using the door key, and when the key is switched to the unlock position, the alarm will automatically disarm.

G. REMOTE TRANSMITTER OPERATION:

1. Press the "LOCK" button, the system should arm and lock all doors.
2. Press the "UNLOCK" button, the system will also disarm and unlock the driver's door.
3. Press the "UNLOCK" button a second time and all doors should unlock.

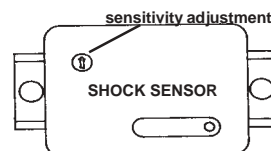
H. INTRUSION TEST:

1. Rearm the security system by pressing the "LOCK" button. Open any door or hatch. The system should simultaneously sound the horn and flash the parking lights.
2. Disarm the security system by pressing the "UNLOCK" button. The system should sound (4) chirps of the horn, the parking lights should flash (4) times, indicating vehicle intrusion.
3. The LED should indicate the point of intrusion after disarming the system. Observe the LED for 1, 2, or 3 flashes. Compare your observations to the following.

- (1) Flash = Shock
- (2) Flashes = Hood
- (3) Flashes = Vehicle Doors

SYSTEM AUTOMATICALLY CLEARS ALL STORED VIOLATIONS WHEN THE IGNITION SWITCH IS TURNED TO THE "ON" POSITION.

END



COMPLETING THE INSTALLATION

ASSEMBLE ALL REMOVED PANELS:

1. Refer again to the vehicle repair manual and re-assemble all panels that were removed for installation back onto the vehicle. **Test thoroughly, all mechanical and electrical components disconnected and or removed from the vehicle during the installation of this accessory.**

PREPARING VEHICLE FOR DELIVERY:

Turn the arm/disarm chirps off:

1. Start with the LED/Valet switch in the off (out) position.
2. Turn the ignition key to the on position.
3. Turn the ignition key off, then immediately press and release the LED/Valet switch 3 times. (You will hear 2 chirps to confirm that the chirps were turned off.)

Place the system into Valet mode. (VPC only)

1. Start with the LED/Valet switch in the off (out) position.
2. Turn the ignition key to the on position.
3. Press the LED/Valet switch one time. The switch is in the (in) position, and the red LED light is turned on solid, indicating that the system is in the Valet Mode.



IMPORTANT: Clean the window before applying the window decal.

Applying the window warning decal:

1. Apply the window warning decals to the driver side and passenger side 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.)

Owners Manual:

1. Leave the Keyless Entry Security owner's manual in the vehicle glove box.



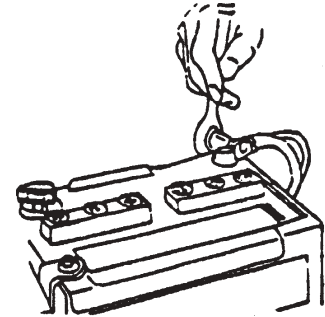
LED/VALET SWITCH

WINDOW

PREPARATION FOR PROGRAMMING:

CONNECTING COMPONENTS:

CAUTION: THE THEFT DETERRENT SYSTEM HARNESS MUST HAVE ALL VEHICLE CONNECTIONS INSTALLED PROPERLY AND ALL SECURITY COMPONENTS CONNECTED BEFORE CONNECTING THE VEHICLE'S BATTERY . FAILURE TO COMPLY WITH THIS CAUTION COULD RESULT IN SYSTEM FAILURE AND OR FAILURE TO PROGRAM PROPERLY.



IMPORTANT: PLEASE BE SURE TO READ AND BECOME FAMILIAR WITH THE PROGRAMMING INSTRUCTIONS BEFORE YOU ACTUALLY PROGRAM THE SYSTEM.

PROGRAMMING NEW or REPLACEMENT TRANSMITTERS TO THE KEYLESS ENTRY MODULE:

IMPORTANT NOTE : Once you enter the programming mode, if 15 seconds elapse with no activity on the system, the programming mode will be terminated. If this happens, simply start over.

STEP 1

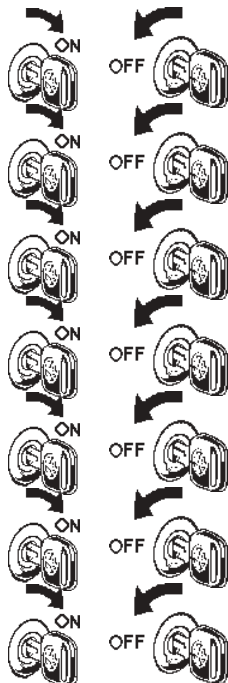
To get started, enter the vehicle and close all doors, then lock the doors by using the door lock switch mounted on the driver's door panel.

STEP 3

Press and Hold the Lock button on the transmitter until the Driver's Door Unlocks.

STEP 2

Turn the vehicle's ignition key ON then OFF 7 times.....



....Ending in the OFF position.

STEP 4

Lock all doors by using the door lock switch mounted on the driver's door panel.

STEP 5

*Repeat Steps 3 and 4 for all transmitters that you need to program to operate the vehicle.
(Maximum of 4 transmitters per vehicle)*

STEP 6

When all transmitters have been programmed, turn the ignition key ON then OFF to exit the program mode.



PARTS LIST 2005 SCION tc

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1.	1	00016 - 08004-02	Security System Module
2.	1	00016 - 30960-02	Dual Stage Shock Sensor Assembly
3.	1	00016 - 30120-01	Hood Pin Switch Mounting Bracket
4.	1	00016 - 30960-06	Hood Pin Switch - short
5.	1	00016 - 21910-02	Miscellaneous Hardware Kit
6.	1	00016 - 21910-01	Main Wiring Harness
7.	1	00016 - 30960-29	Shock Sensor Wiring Harness
8.	1	00016 - 30960-09	Hood Pin Switch Extension Wire 54"
9.	1	00016 - 30960-05	L.E.D. / Valet Switch
10.	2	00016 - 30960-30	Window Warning Decal