

KEYLESS ENTRY SYSTEM for 2003-2007 TOYOTA SEQUOIA SR5

DEALER SERVICE AND INSTALLATION MANUAL
KIT NO. 00016 - 0C060



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.

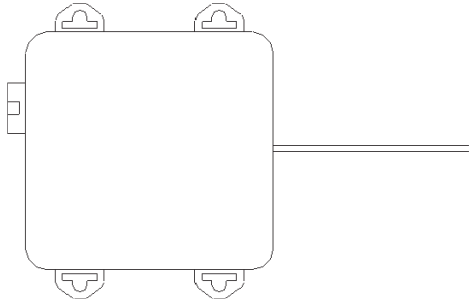


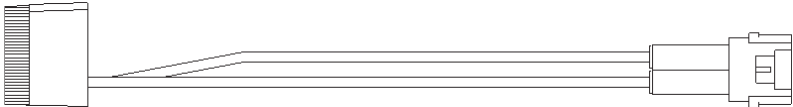

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PARTS LIST

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1.	1	00016 - 0C050-01	MPX Keyless Entry Control Module
2.	2	00016 - 0C060-01	4 Button Transmitter
3.	1	00016 - 0C050-05	MPX Keyless Entry Data Harness
4.	1	00016 - 0C060-02	Audible Piezo Buzzer
5.	1	00016 - 0C050-06	Misc. Hardware Bag

PARTS ILLUSTRATIONS

 <p>1</p>	 <p>2</p>
 <p>3</p>	
 <p>4</p>	 <p>5</p>

HELPFUL HINTS

1. Before Starting the Installation :

- A. Familiarize yourself with these Installation Instructions and the Security System Components.

2. Mating Connectors :

- A. When disconnecting connectors, press the connector lock downward and pull connectors apart (Figure A).

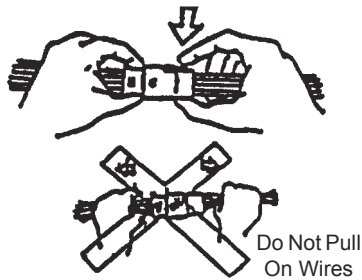


Figure A

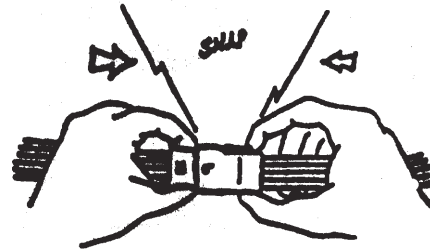


Figure B

- B. When connecting mating connectors, push connectors together until locking mechanism are firmly locked together (Figure B).

3. Anti - Theft Radio :

- A. If vehicle is equipped with an Anti - Theft Radio, the radio code must be written down prior to disconnecting the battery cable. The code must be re - entered when the negative battery cable is reinstalled.

4. Removal of Negative Battery Cable

:

- A. Remove the negative battery cable before installing Security System Components for safety precautions (Figure C).

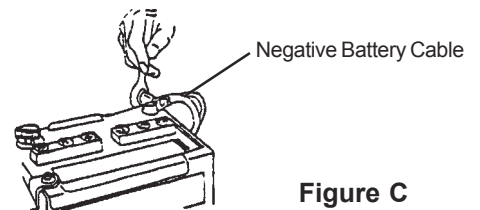


Figure C

5. Female T - Tap Connectors :

- A. When installing female T - Tap connectors, be sure the wire is located inside the wire channel of the female T - Tap connector before closing connector over the wire with pliers (Figure D).

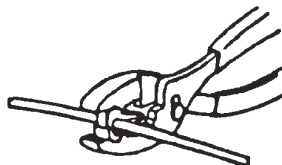


Figure D

VEHICLE PREPARATION

1. Panel Removal:

Refer to the vehicle repair manual, and remove the driver side kick panel. (**Optional**, remove the lower dash panel for better access.)

INSTALLING THE SYSTEM

1. Mounting Keyless Entry Control Module :

Secure the Keyless Entry module in the Driver's Kick Panel Area as shown using the foam pad and long cable ties provided.

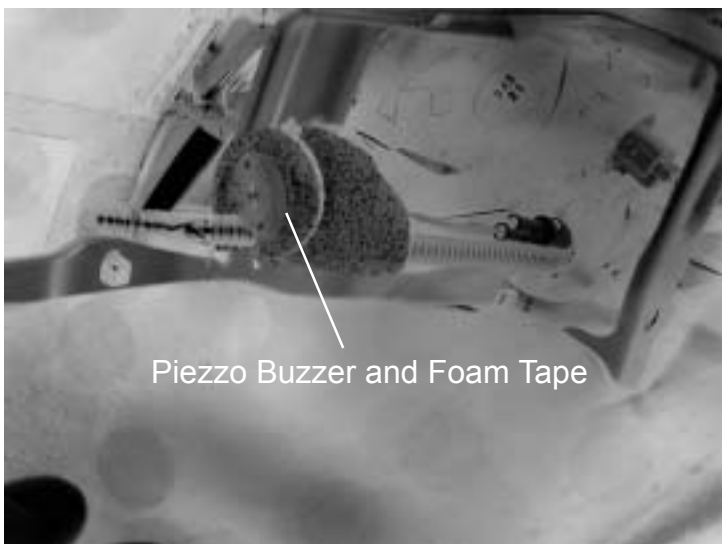
NOTE: Module antenna wire must extend up as high as possible and secured in place for the best signal reception.



2. Installing the Piezo Buzzer :

Remove Driver's Fender Liner behind the Fog Lights, to gain access to the piezo mounting location. The vehicle is pre-wired from the factory with a Piezo Buzzer connector W1 located near the driver's side turn signal and parking light.

Plug the Piezo Buzzer into connector W1. Wrap the Piezo with the foam tape provided, then secure to the vehicle harness as shown.

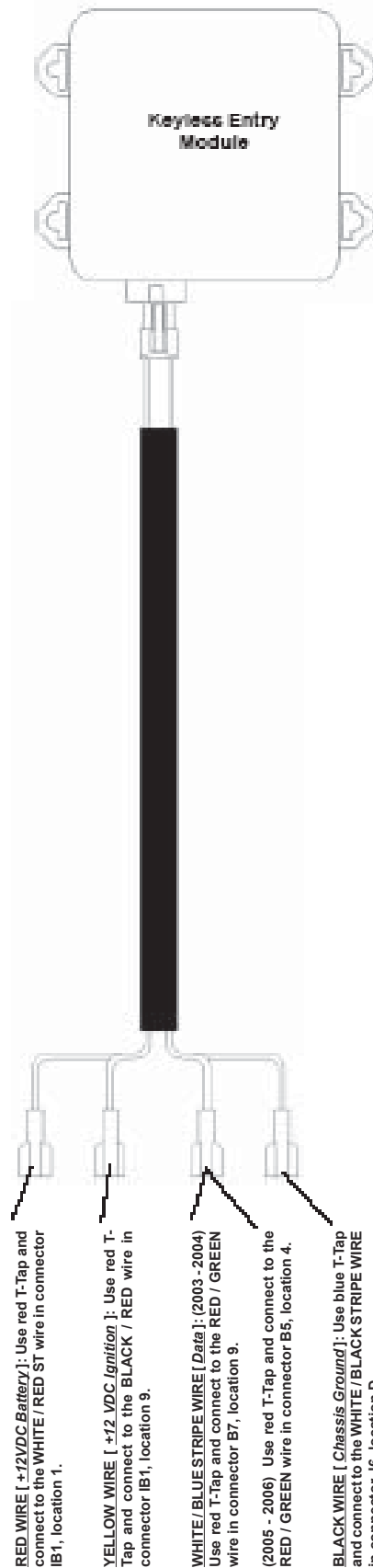


WIRING DIAGRAM - 2003 - 2007 Sequoia SR5

3. Wiring the System :

Follow the wiring diagram and refer to the connector details on page 6 for exact locations of the circuits.

Be sure to secure all harnessing away from hot or moving parts of the vehicle using the cable ties provided.

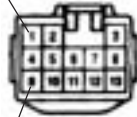


CONNECTOR DETAILS - 2003 - 2007 Sequoia SR5

1. CONNECTOR IB1 : +12VDC Battery and +12VDC Switched

Location : Driver's Kick Panel:

Location 1
White / Red
+12 VDC Battery



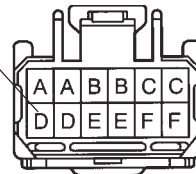
GRAY

Location 9
Black / Red
+12 VDC Ignition

2. CONNECTOR J6 : Junction Connector

Location : Driver's Kick Panel:

Location D
White / Black
Chassis Ground



WHITE

3. CONNECTOR B7 : 2003 - 2004 Body Computer (Data)

Location : Above and Left of Brake Pedal:

Location 9
Red / Green
Data



BLACK

CONNECTOR B5 : 2005 - 2007 Body Computer (Data)

Location: Above and Left of Brake Pedal

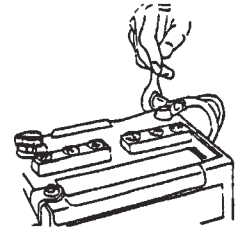
Location 4
Red / Green
Data



COMPLETING THE INSTALLATION

1. Re assemble the Vehicle :

1. Reconnect the Negative cable to the vehicle battery and torque to 36in. lbs.
Prior to delivering the vehicle, test all features of the system according to the owner's manual included.
2. Refer to the vehicle repair manual and re-assemble all panels that were removed for the installation.
3. **Test thoroughly, all mechanical and electrical components disconnected and or removed from the vehicle during the installation of this accessory.**



NORMALIZATION PROCEDURES

NOTE: 2005 Rear Power Window requires Normalization Procedures be conducted after completion of work and battery has been connected. (Remote Transmitter rear window select button will fail to work if Normalization is not conducted.)

1. Key to ON.
2. Select "Down" on rear window switch.
3. Select "Up" on rear window switch and **HOLD** switch in up position for approx. 5 seconds after window has closed.



REAR WINDOW SWITCH



1. Testing the System : **IMPORTANT !** Before beginning with the test procedure, be sure to completely open the driver's window.

- A. Press and release the lock button on one of the transmitters.
 - All doors lock.
 - Parking lights flash one time.
 - One chirp
- B. Press and release the unlock button on the transmitter.
 - Driver's door unlocks.
 - Parking lights flash two times.
 - Two chirps
- C. Press and release the lock button on one of the transmitters.
 - All doors lock.
 - Parking lights flash one time.
 - One chirp
- D. Press and release the unlock button on the transmitter 2 times within 3 seconds.
 - All doors unlock.
 - Parking lights flash two times.
 - Two chirps
- E. Be sure the rear window is up, then press and hold the window down button on the transmitter.
 - Rear Window Opens.
- F. Press the Panic button on the transmitter.
 - Horn sounds.
 - Parking lights flash.
- G. Press the Panic button again to silence the alarm.
- H. Press and release the lock button on one of the transmitters.
 - All doors lock.
 - Parking light flash one time
 - One chirp
- I. Wait for Red dash mounted security light to begin flashing. Open driver's door manually and alarm should sound.
- J. Press and release the unlock button on the transmitter. Alarm should stop.

Note to technicians: It may be necessary to turn on the system using the scan tool.

IMPORTANT ! Be sure to repeat the test procedure using the second transmitter.

NOTE: When diagnosing a problem with the vehicle using the Toyota Scan Tool, a fault code of B1242 may be indicated.

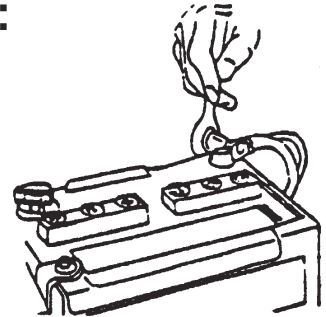
The 2001/2002/2003 Sequoia's that are produced without factory keyless entry or factory alarm automatically store a Fault code of: B1242-Wireless door lock tuner circuit malfunction.

This fault code is generated because the body computer is looking for a wireless door lock control receiver. This is omitted on vehicles without factory keyless entry or alarm installed. No repair is required; the vehicle is operating normally and will not turn on the MIL light.

PREPARATION FOR PROGRAMMING:

CONNECTING COMPONENTS:

CAUTION: THE KEYLESS ENTRY SYSTEM HARNESS MUST HAVE ALL VEHICLE CONNECTIONS INSTALLED PROPERLY AND ALL 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

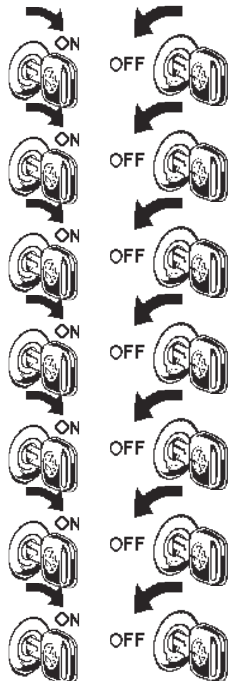
To get started, enter the vehicle and close all doors, then lock the doors by using the door lock switch mounted on the driver's door panel.

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.

