TOYOTA

Technical Service BULLETIN

May 14, 1999

Title:

KEYLESS ENTRY REMOTE CONTROL PROGRAMMING
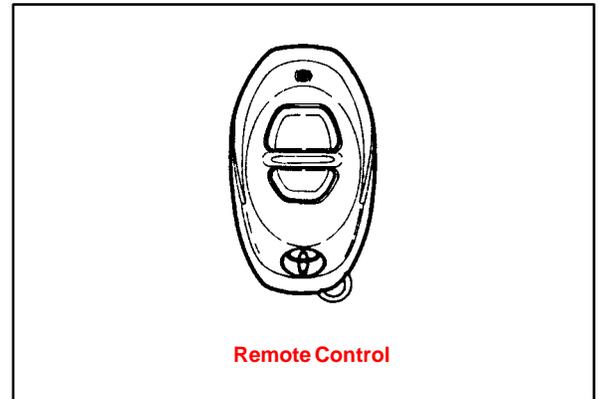
Models:

All Models

TSB

Introduction   This bulletin describes the procedures that are used to program the two–button remote control for vehicles that are equipped with dealer (DIO) or port installed option (PIO), not the Factory Remote Keyless Entry System. For Factory Keyless Entry System Remote Control Programming, refer to the appropriate vehicle repair manual.

Verification of the DIO or PIO Toyota Keyless Entry System can easily be performed by identifying the remote transmitter.

- **The remote transmitter** has two buttons, Top and Bottom.

Remote Control

The DIO or PIO Keyless Entry System utilizes only remote controls with **black** cases. The same remote controls but with **gray** cases, used for 1998 MY and later RS3000 TVIP systems, will not work with this keyless entry system.

> **NOTE:**
>
> **The DIO or PIO Keyless Entry System is programmed to operate with the two remote controls that come with the vehicle. The ECU (computer) can be programmed to operate with up to four different remote controls. For customer satisfaction, request that all existing remotes be furnished when programming a new or replacement unit.**
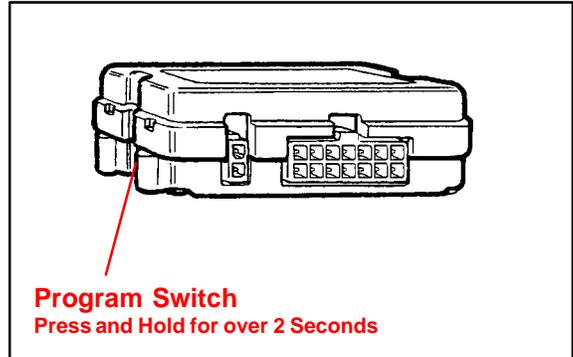
Affected Vehicles

- **All models with DIO or PIO equipped Toyota Keyless Entry System.**

Warranty Information

OP CODE	DESCRIPTION	TIME	OPN	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Toyota Supports ASE Certification

Programming Procedure

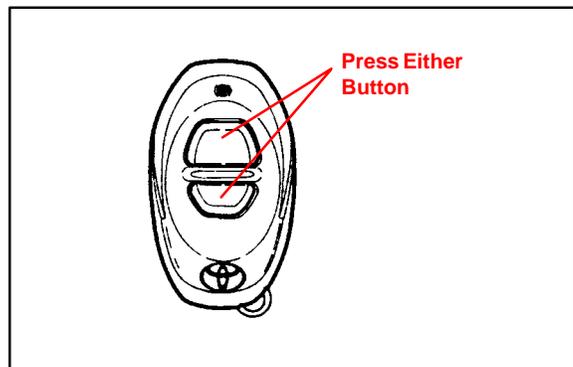For location of the Keyless Entry System ECU, refer to ECU Mounting Locations, Page 4.

I. To program (add) a REMOTE CONTROL to the system:

1. Insert the key into ignition switch, and turn it to "ON."

2. Press and hold the ECU's PROGRAMMING SWITCH for over 2 seconds.

    The Exterior Lights turn on for 5 seconds.

Program Switch
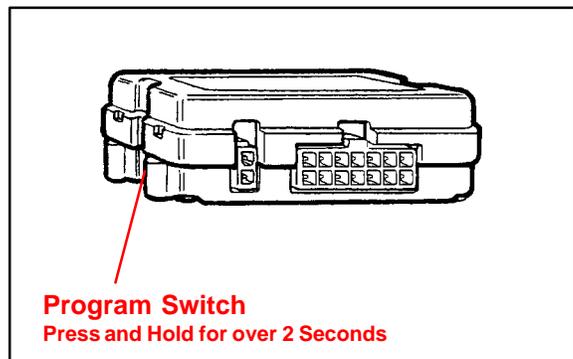**Press and Hold for over 2 Seconds**

NOTE:

You must perform the next step within 5 seconds.

3. Press and release a REMOTE CONTROL's top or bottom button.

    The Exterior (Tail and Marker) Lights flash once, then turn off.

4. Turn off the igntion. The system will now operate with the REMOTE CONTROL just programmed.

Press Either Button

II. To erase all REMOTE CONTROL codes from the system:

1. Insert key into the ignition switch, and turn it to "ON."

2. Press and hold the ECU's PROGRAMMING SWITCH for over 2 seconds.

    The Exterior Lights turn on for 5 seconds.

Program Switch
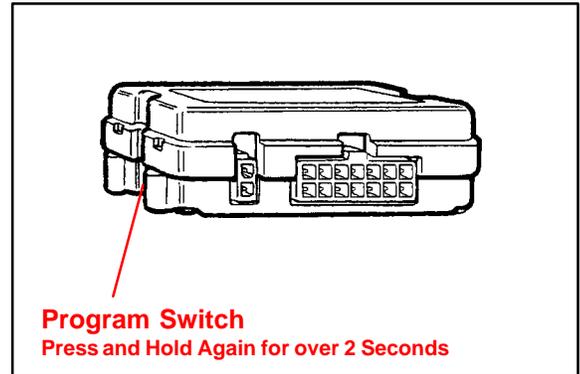**Press and Hold for over 2 Seconds**

NOTE:

You must perform the next step within 5 seconds.

**Programming
Procedure**
(Continued)

3. Press and hold the ECU's PROGRAMMING SWITCH for over 2 seconds again.

    The Exterior (Tail and Marker) Lights flash 3 times, then turn off.

4. Turn off the ignition. All REMOTE CONTROL codes have now been cleared; the system will not work with any REMOTE CONTROL until another one is programmed.

Program Switch
Press and Hold Again for over 2 Seconds

ECU MOUNTING LOCATIONS

4RUNNER

AVALON

CAMRY

CELICA

COROLLA

RAV4

SIENNA

TERCEL

T100

Vehicles w/separate seats

Vehicles w/1 piece seat

TACOMA