



**Technical Service  
BULLETIN**

October 26, 2001

Title:

**WIRELESS TRANSMITTER &  
PROGRAMMING GUIDE**

Models:

**All Applicable**

**ELECTRICAL  
EL010-01**

**Introduction** Difficulties during Remote Keyless Entry Transmitter Programming can arise due to confusion between Toyota Factory Wireless systems and Toyota Port/Dealer installed systems. This bulletin will assist in identifying the system/correct remote transmitters for each vehicle, and provide the location of the most accurate programming procedure for each system.

**Applicable Vehicles**

- All applicable Toyota vehicles.

**Warranty Information**

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

**System Identification**

The following table contains all of the necessary information to correctly identify the type of system installed, and where to go to get programming procedures for each vehicle.

**NOTE:**

Should a vehicle having both VIP and Factory systems available (as identified in the following table) be brought in without any remotes (or one non-working remote), use the following tips to help determine which type of wireless system (O.E. or PIO/DIO) the vehicle has.

- Look at the Trim Level of the vehicle. Higher-grade vehicles will tend to have O.E. systems, while entry-grade vehicles will tend to have VIP. For example, the 2001 Camry XLE has Factory RKE, but the LE and CE grades have VIP.
- Look for a "Status Monitor" with a glass breakage sensor and an LED externally installed into the dashboard or on the center console. Most VIP systems will have this.
- Locate the ECU (refer to the applicable vehicle VIP Manual installation instructions for location). Once located, refer to the part label.
- Attempt to perform the factory wireless programming procedure to get a response from the vehicle. Select the "confirmation mode" and see if any "Lock/Unlock" response is received, if so, the vehicle has a factory system.



**Application Chart**

APPLICATION		DEALER/PORT INSTALLED		FACTORY INSTALLED	
VEHICLE	YEAR	SYSTEM/REMOTE	PROGRAMMING	FACTORY REMOTE	PROGRAMMING
<b>Avalon</b>	1995	TVSS / Fig. 2 *1	TVSS Owner's Guide	Fig. 8	TSB – EL003–99
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998 – 1999	RS3000 / Fig. 4		Fig. 9 *2	
	2000 – 2001	RS3200 / Fig. 5	2000 VIP Manual *6		
	2002	N/A	N/A		RM 02 V2, BE–99
<b>Camry</b>	1990 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996	RS3000 / Fig. 3	TSB – AX005–99	Fig. 7	TSB – EL008–98
	1997				
	1998 – 1999	RS3000 / Fig. 4	2000 VIP Manual *6	Fig. 11	RM 01 V2, BE–86
	2000 – 2001	RS3200 / Fig. 5 or 6		Fig. 9 *2	RM 02 V2, 73–8
	2002				
<b>Celica</b>	1990 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99	Fig. 11	TSB – EL004–01
	1998 – 1999	RS3000 / Fig. 4			
	2000 – 2002	RS3200 / Fig. 5	2000 VIP Manual *6		
<b>Corolla</b>	1990 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998 – 2002	RS3000 / Fig. 4			
<b>Cressida</b>	1991 – 1992	TDSE / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
<b>ECHO</b>	2000 – 2002	RS3200 / Fig. 5	2000 VIP Manual *6	Fig. 11	TSB – EL004–01
<b>4Runner</b>	1990 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99	Fig. 10 *5	RM 02 V2, BE–98
	1998	RS3000 / Fig. 4			
	1999				
	2000 – 2002	RS3200 / Fig. 5	2000 VIP Manual *6		
<b>Highlander</b>	2001 – 2002	N/A	N/A	Fig. 11	TSB – EL004–01
<b>Land Cruiser</b>	1991 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99	Fig. 13	RM 02 V1, DI–624
	1998 – 2002	N/A	N/A		
<b>MR2</b>	1991 – 1994	TDSE / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	2001 – 2002	RS3200 *3 / Fig.5	2000 VIP Manual *6		

**Application Chart**  
(Continued)

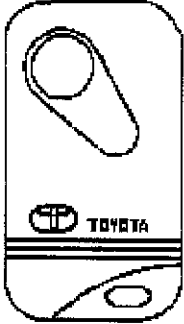
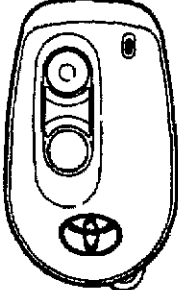
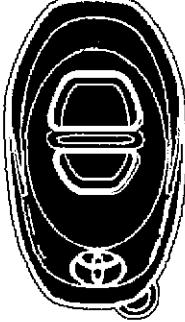
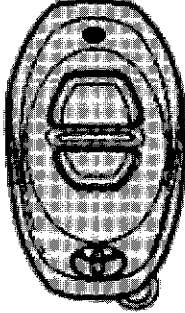
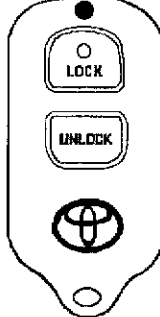
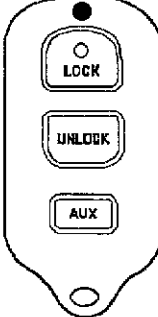
APPLICATION		DEALER/PORT INSTALLED		FACTORY INSTALLED	
VEHICLE	YEAR	SYSTEM/REMOTE	PROGRAMMING	FACTORY REMOTE	PROGRAMMING
<b>Paseo</b>	1992 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
<b>Previa</b>	1991 – 1994	TDSE / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
<b>Prius</b>	2001 – 2002	N/A	N/A	Fig. 11	TSB – EL004–01
<b>RAV4</b>	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99	N/A	N/A
	1998 – 2000	RS3000 / Fig. 4			
	2001 – 2002	RS3200 / Fig. 5	2000 VIP Manual *6		
<b>Sequoia</b>	2001 – 2002	N/A	N/A	Fig. 10 *5	RM 02 V2, BE-100
<b>Sienna</b>	1998	RS3000 / Fig. 4	TSB – AX005–99	Fig. 7	TSB – EL009–98
	1999	RS3000 / Fig. 4		Fig. 11 / Fig. 12	
	2000	RS3000 / Fig. 4 *4			2000 VIP Manual *6
	2001 – 2002	RS3200 / Fig. 5			
<b>Solara</b>	1999 – 2001	RS3000 / Fig. 4	TSB – AX005–99	Fig. 11	RM 02 V2, BE-87
	2002	N/A	N/A	Fig. 9 *2	
<b>Supra</b>	1991 – 1992	TDSE / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TDSE / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
<b>T100</b>	1993 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
<b>Tacoma</b>	1995	TVSS / Fig. 2 *1	TSB – AX005–99	N/A	N/A
	1996 – 1997	RS3000 / Fig. 3			
	1998 – 2001	RS3000 / Fig. 4			
	2002	RS3200 / Fig. 5	2000 VIP Manual *6		
<b>Tercel</b>	1991 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
<b>Truck</b>	1990 – 1994	TVSS / Fig. 1 *1	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 *1			
<b>Tundra</b>	2000 – 2002	RS3000 / Fig. 4	TSB – AX005–99	N/A	N/A

**Application Chart**  
(Continued)

- \*1 Original style TVSS/TDSE system remotes are no longer available as replacement parts. Black RS3000 remotes (Figure 3) can be used with these systems.
- \*2 While the outward appearances are the same, there are 3 different remotes of this style (not interchangeable). Check the FCC ID Number on the back of the remote to verify correct application:
  - Avalon 1998 – 1999 FCC ID: HYQ1512Y / 2000 – 2002 FCC ID: HYQ12BAN
  - Camry/Solara 2002 FCC ID: GQ43VT14T
- \*3 The MR2 Spyder uses a variant of the RS3200 TDS system, which does not include the security functions. RS3200 programming procedures should be used for this vehicle.
- \*4 RS3200 was launched prior to the 2001 MY Change Over. Please refer to the 2000 VIP Manual if necessary.
- \*5 The Sequoia and 4Runner remotes look the same but have different FCC ID Numbers (not interchangeable):
  - 4Runner – FCC ID: HYQ1512Y
  - Sequoia – FCC ID: HYQ12BAN
- \*6 RS 3200 programming procedures were sent as a supplement to the 2000 VIP Manual. If you require an additional copy of this information, it can be ordered from the Material Distribution Center (MDC) through your parts department: P/N 00107-00282-04.

**Wireless Transmitter Identification**

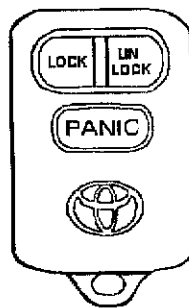
**DEALER or PORT INSTALLED SYSTEMS**

<p><b>Figure 1.</b></p>  <p><b>TVSS/TDSE</b> 1990 – 1994</p>	<p><b>Figure 2.</b></p>  <p><b>TVSS/TDSE</b> 1995</p>	<p><b>Figure 3.</b></p>  <p><b>RS3000 (BLACK)</b> 1996 – 1997</p>
<p><b>Figure 4.</b></p>  <p><b>RS3000 (GRAY)</b> 1998 – 2002</p>	<p><b>Figure 5.</b></p>  <p><b>RS3200</b> 2000 – 2002</p>	<p><b>Figure 6.</b></p>  <p><b>RS3200</b> 2000 – 2002</p>

Wireless Transmitter Identification  
(Continued)

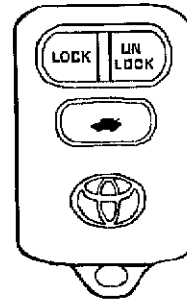
FACTORY INSTALLED or "ORIGINAL EQUIPMENT" SYSTEMS

Figure 7.



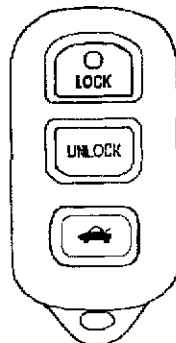
O.E. 3 Button  
1997 – 1999

Figure 8.



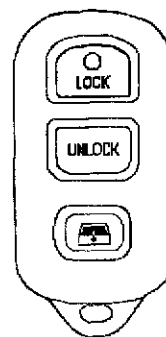
O.E. 3 Button  
1995 – 1997

Figure 9.



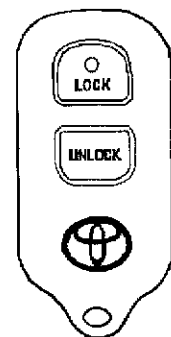
O.E. 4 Button\*  
2000 – 2002

Figure 10.



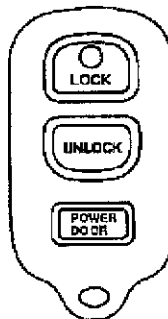
O.E. 4 Button\*  
1999 – 2002

Figure 11.



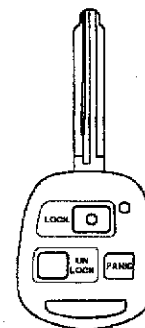
O.E. 3 Button\*  
2000 – 2002

Figure 12.



O.E. 4 Button\*  
1999 – 2002

Figure 13.



O.E. In-Key  
1998 – 2002

\* Panic Button on Back Side