

## Keyless Entry System - Identification/Programming

ELECTRICAL

EL010-01

October 26, 2001

Title:

WIRELESS TRANSMITTER & PROGRAMMING GUIDE

Models:

All Applicable

### 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.

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

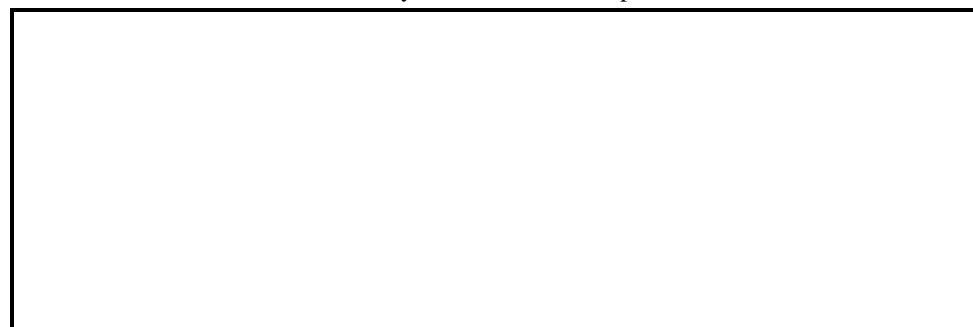
### Warranty Information

### System Identification

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

APPLICATION		DEALER/PORT INSTALLED		FACTORY INSTALLED	
VEHICLE	YEAR	SYSTEM/REMOTE	PROGRAMMING	FACTORY REMOTE	PROGRAMMING
Paseo	1992 – 1994	TVSS / Fig. 1 <sup>11</sup>	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 <sup>11</sup>			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
Previa	1991 – 1994	TDSE / Fig. 1 <sup>11</sup>	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 <sup>11</sup>			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
Prius	2001 – 2002	N/A	N/A	Fig. 11	TSB – EL004–01
RAV4	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 <sup>16</sup>	Fig. 11	TSB – EL004–01
Sequoia	2001 – 2002	N/A	N/A	Fig. 10 <sup>15</sup>	RM 02 V2, BE–100
Sienna	1998	RS3000 / Fig. 4	TSB – AX005–99	Fig. 7	TSB – EL009–98
	1999	RS3000 / Fig. 4		Fig. 11 / Fig. 12	
	2000	RS3000 / Fig. 4 <sup>14</sup>	2000 VIP Manual <sup>16</sup>		RM 02 V2, BE–87
	2001 – 2002	RS3200 / Fig. 5			
Solara	1999 – 2001	RS3000 / Fig. 4	TSB – AX005–99	Fig. 11	RM 02 V2, BE–87
	2002	N/A	N/A	Fig. 9 <sup>12</sup>	
Supra	1991 – 1992	TDSE / Fig. 1 <sup>11</sup>	TVSS Owner's Guide	N/A	N/A
	1995	TDSE / Fig. 2 <sup>11</sup>			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
T100	1993 – 1994	TVSS / Fig. 1 <sup>11</sup>	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 <sup>11</sup>			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
Tacoma	1995	TVSS / Fig. 2 <sup>11</sup>	TSB – AX005–99	N/A	N/A
	1996 – 1997	RS3000 / Fig. 3			
	1998 – 2001	RS3000 / Fig. 4	2000 VIP Manual <sup>16</sup>		
	2002	RS3200 / Fig. 5			
Tercel	1991 – 1994	TVSS / Fig. 1 <sup>11</sup>	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 <sup>11</sup>			
	1996 – 1997	RS3000 / Fig. 3	TSB – AX005–99		
	1998	RS3000 / Fig. 4			
Truck	1990 – 1994	TVSS / Fig. 1 <sup>11</sup>	TVSS Owner's Guide	N/A	N/A
	1995	TVSS / Fig. 2 <sup>11</sup>			
Tundra	2000 – 2002	RS3000 / Fig. 4	TSB – AX005–99	N/A	N/A

- \*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.

#### Application Chart



### DEALER or PORT INSTALLED SYSTEMS

Figure 1.



TVSS/TDSE  
1990 - 1994

Figure 2.



TVSS/TDSE  
1995

Figure 3.



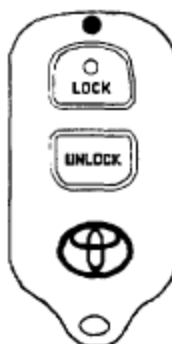
RS3000 (BLACK)  
1996 - 1997

Figure 4.



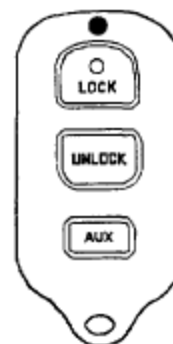
RS3000 (GRAY)  
1998 - 2002

Figure 5.



RS3200  
2000 - 2002

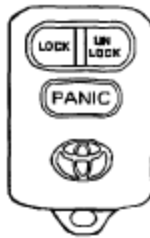
Figure 6.



RS3200  
2000 - 2002

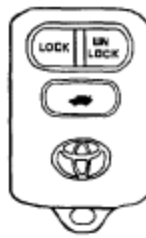
**FACTORY INSTALLED or "ORIGINAL EQUIPMENT" SYSTEMS**

Figure 7.



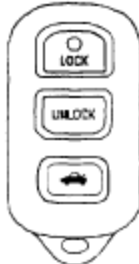
O.E. 3 Button  
1997 - 1999

Figure 8.



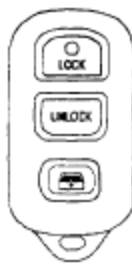
O.E. 3 Button  
1995 - 1997

Figure 9.



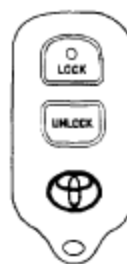
O.E. 4 Button\*  
2000 - 2002

Figure 10.



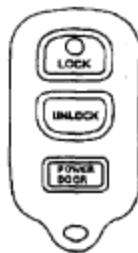
O.E. 4 Button\*  
1999 - 2002

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