



Technical Service BULLETIN

January 2, 1998

Title: RAV4 DOOR LOCK OPERATION

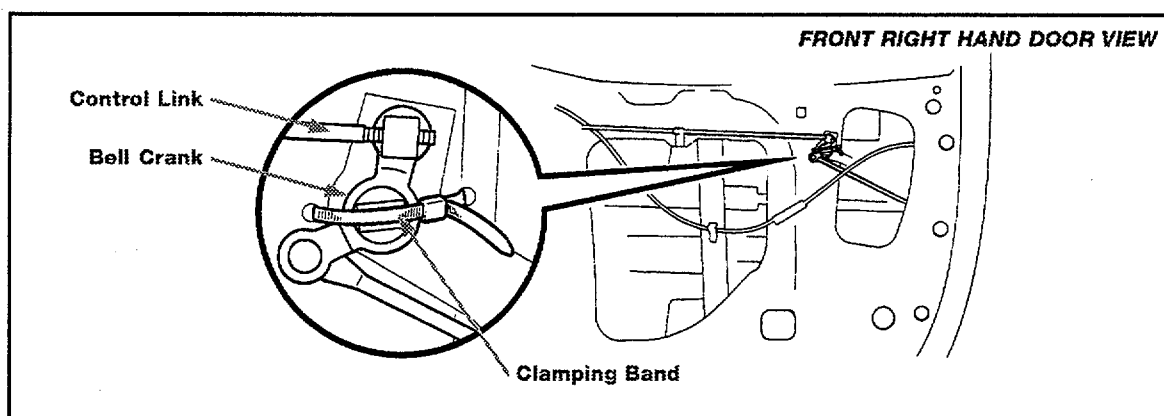
Models:
'96 - '97 RAV4 (2 Door Models)

BODY
B0001-98

Introduction Toyota has developed a field fix procedure that improves door lock operation "feel". The procedure minimizes free-play at the bell crank pivot by replacing the original pivot with a new type pivot and adding a clamping band around the pivot pin subassembly.

NOTE:

The bell crank pivot pin is identified in the parts microfiche as a "Front Door Lock Link Clamp".



Affected Vehicles • 1996 and 1997 RAV4, 2 Door models.

**Parts
Information**

CURRENT PART NUMBER	PART NAME	QTY PER VEHICLE
69749-32020	Clamping Band (Door Lock Wire Clamp)	2
69749-32030	Bell Crank Pivot Pin (Front Door Lock Link Clamp)	2

**Warranty
Information**

OPCODE	DESCRIPTION	TIME	OPN	T1	T2
BD7020	Door lock knob operation (both sides)	1.0	69749-32020	62	57

Applicable Warranty:

This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.

Index • 046858



Toyota Supports ASE Certification

Field-Fix Procedures

1. Remove interior door trim panel.

NOTE:

Refer to RAV4 Repair Manual (Page BO10-12) for interior door panel removal/installation.

2. Drill two 4 mm (3/16 in.) holes in the inner panel as shown in Figure 1.

NOTE:

Position Hole #1 in a location where the clamping band will not interfere with the bell crank arm, when arm is in locked position.

3. Remove any metal shavings from the inside of the door cavity and discard.
4. Deburr and paint bare metal around both holes.
5. Remove original bell crank pivot pin and install new type pivot pin (with embossed slot to retain clamping band).

NOTE:

Old style bell crank pivot pin does not have an embossed slot and WILL NOT retain the clamping band in the proper position.

6. Install clamping band.
 - a. Route clamping band through both holes and across the face of the bell crank pivot shaft.
 - b. Loosely engage tip of the clamping band into the locking portion of the band.
 - c. Route the clamping band into the groove on the front side of the bell crank pivot as shown.
 - d. Pull clamping band tightly enough that it prevents free play between the pivot shaft and the inner panel.

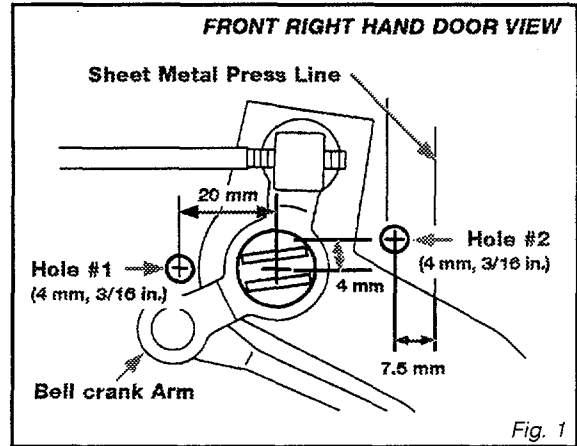


Fig. 1

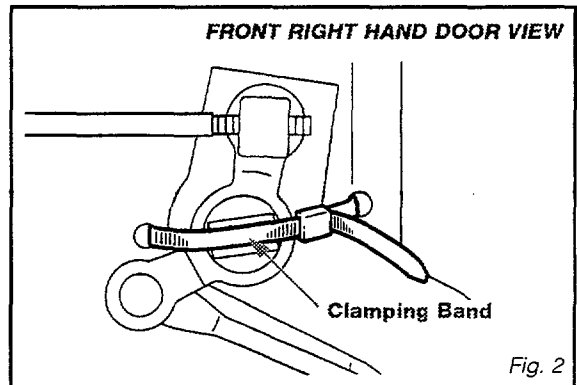


Fig. 2

**Field-Fix
Procedures**
(Continued)

NOTE:
Place locking portion of clamping band to the right side of the pivot shaft as shown in Figures 2 & 3.

- e. Since clamping band will loosen slightly with repeated use, pull tightly enough that some effort is required to move the lock knob.
7. Adjust Control Link.
 - a. Lengthen the control link by 1 to 2 mm (0.04 to 0.08 in.).
 - b. Confirm proper door lock knob/lock subassembly operation, and adjust as necessary.
 8. Reinstall Door Trim Panel.
 9. Confirm proper door lock knob operation, and adjust as necessary.

