



## Technical Service BULLETIN

April 9, 2004

Title:

# ROOF RACK CROSS BAR INSTALLATION DURING PDS

Models:

'04 RAV4

P D001-04

PRE-DELIVERY SERVICE

**Introduction** To prevent paint damage during transportation, the 2004 model year RAV4 roof rack cross bars are kept inside the vehicle so that the Rapgard™ protective film can remain in place on the roof panel. Please install the roof rack cross bars to the roof rack rails according to the following procedure during Pre-Delivery Service (PDS).

### NOTE:

The shape of the cross bar tightening knobs have been changed to improve the ease of tightening. A "FRONT" stamp has been added to the cross bar in front of the direction arrow mark to clarify the proper installation direction.

### Applicable Vehicles

- **2004** model year **RAV4** vehicles built **AFTER** the Production Change Effective VINs shown below.

### Production Change Information

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
RAV4	Tahara	JTE#D20V#40021341 JTE#D20V#40027781
	Nagakusa	JTE#D20V#46012275

### Warranty Information

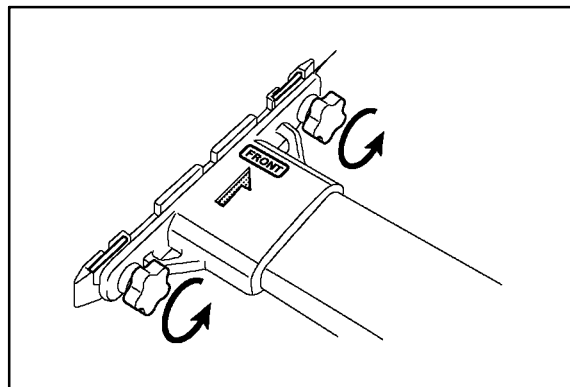
OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	—	—	—	—

### Installation Procedure

1. Loosen the adjustment knobs on each cross bar joint.

### NOTE:

Do not remove adjustment knobs completely.

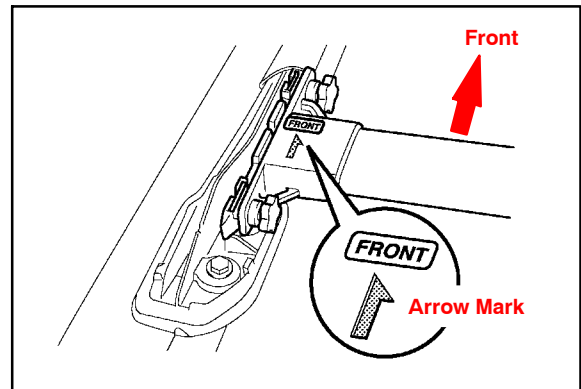


**Installation Procedure**  
(Continued)

2. Slide the cross bar ends into the grooves of the right and left roof rack rails with the arrow on each cross bar facing forward.

**NOTE:**

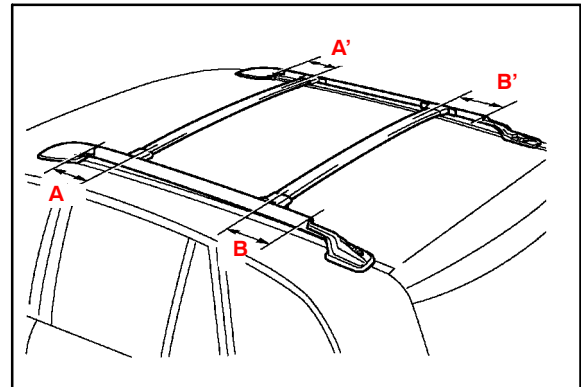
There is a possibility that the cross bars will create wind noise if they are installed backwards.



3. Position cross bar ends so that the front and rear bars are parallel to each other, then securely tighten the knobs on each cross bar (A = A', B = B').

**NOTE:**

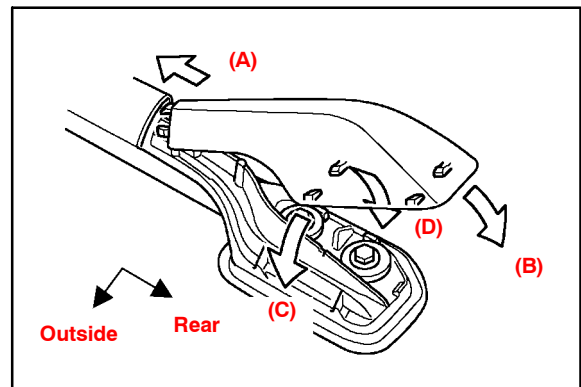
If the knobs are not tightened securely, the knobs may come loose and rattle, or possibly fall off the vehicle.



4. Install the right and left rear roof rack leg covers as shown.
  - A. Insert the tab at the front of the cover into the roof rack rail.
  - B. Place the cover on the leg and align the rear part of the cover. Do not press down.
  - C. Press the cover claws facing the outside of the vehicle into place.
  - D. Press the cover claws facing the inside of the vehicle into place.

**NOTE:**

Do NOT press the claws facing the outside of the vehicle at the same time as pressing the claws facing the inside. The leg cover may be damaged.



- E. Check that the cover is installed securely.