TIRE AND WHEEL SYSTEM

PRECAUTION

1. REMOVAL AND INSTALLATION TIRE PRESSURE WARNING VALVE AND TRANSMITTER

(a) When installing a tire, make sure that the tire pressure warning valve and transmitter does not interfere with the tire bead in order to prevent damage to the tire pressure warning valve and transmitter.

(b) After completing the operation, remove the valve core to rapidly release the air in the tire and check that the warning light comes on. If the warning light does not come on, the system may be defective.

(c) If there is air leakage, tighten the nut to a torque of 4.0 N*m (41 kgf*cm, 35 in.*lbf) and push the valve core 2 or 3 times to remove any dirt attached to the valve core. If air continues to leak, replace the grommet, washer, and nut.

(d) When installing the tire pressure warning valve and transmitter, check whether the rim, grommet, washer, and nut are clean. Use a manufacturer-specified cap.

(e) When putting air into the tire, first install the tire pressure valve straight onto the stem of the tire pressure warning valve and transmitter.

2. TIRE AND WHEEL REPLACEMENT

(a) If replacing a tire, be sure to check the grommet of the tire valve for damage. If the grommet is damaged, replace the grommet, washer, and nut.

(b) If replacing the tire pressure warning valve and transmitter, make sure that the new grommet and washer are used.

(c) If tires and wheels are replaced, register the transmitter ID (See page TW-20).

PROBLEM SYMPTOMS TABLE

HINT:
Use the table below to help determine the cause of the problem. The likely causes of the problem are indicated in descending order. Check each suspected area in order. If necessary, repair or replace the faulty parts.

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Symptom	Suspected Area	See page
Tire vibration	Wheel nut (Loose)	-
	Tire (Improperly inflated)	TW-2
	Wheel balance	TW-2
	Front wheel bearing (Worn)	AH-5
	Rear wheel bearing (Worn) (for 2WD)	AH-16
	Rear wheel bearing (Worn) (for 4WD)	AH-19
	Front axle hub (Runout)	AH-5
	Rear axle hub (Runout) (for 2WD)	AH-16
	Rear axle hub (Runout) (for 4WD)	AH-19
Irregular tire wear	Tire (Improperly inflated)	TW-2
	Front wheel alignment (Incorrect)	SP-4
	Rear wheel alignment (Incorrect)	SP-9