TIRE AND WHEEL

SA1PY–01

INSPECTION

1. INSPECT TIRE

(a) Check the tires for wear and proper inflation pressure.

Cold tire inflation pressure

Europe:

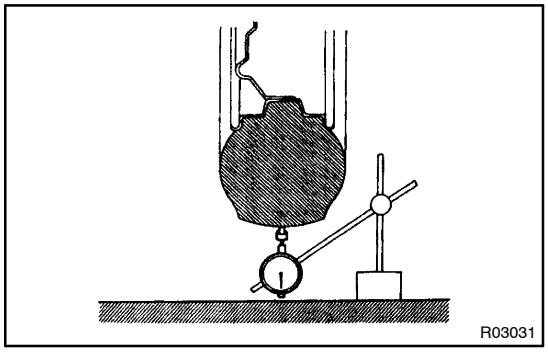
Tire size	Load condition	Front, rear kPa (kgf/cm^2, psi)
195/60R15 88V	For reduced loads (2 passengers)	210 (2.1, 30)*1 260 (2.6, 38)*2
	For all loads including full rated loads	210 (2.1, 30)*1 260 (2.6, 38)*2
205/50R16 87V	For reduced loads (2 passengers)	220 (2.2, 32)*1 270 (2.7, 39)*2
	For all loads including full rated loads	220 (2.2, 32)*1 270 (2.7, 39)*2

*1 For driving under 160 km/h (100mph)

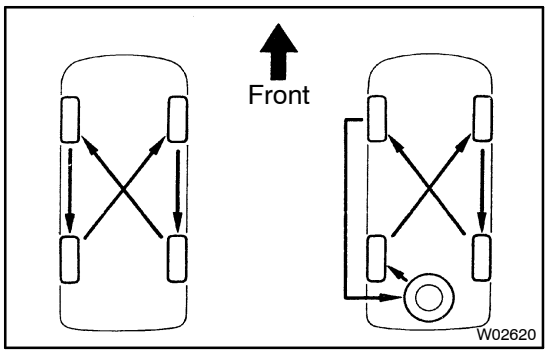
*2 For driving 160 km/h (100mph) or over

Australia:

Tire size	Driving speed	Front, rear kPa (kgf/cm^2, psi)
205/55R15 87V 205/50R16 87V	Under 140 km/h (87 mph)	220 (2.2, 32)
	140 km/h (87 mph) or over	270 (2.7, 39)



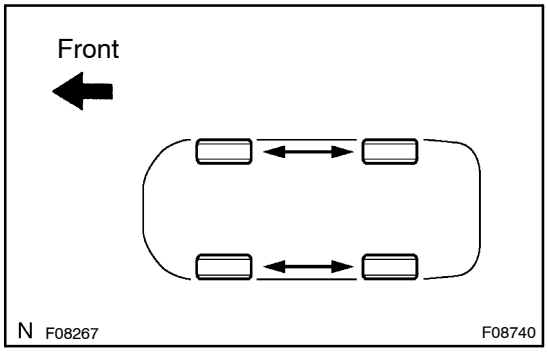
(b) Using a dial indicator, check the tire runout.
Tire runout: 1.0 mm (0.039 in.) or less



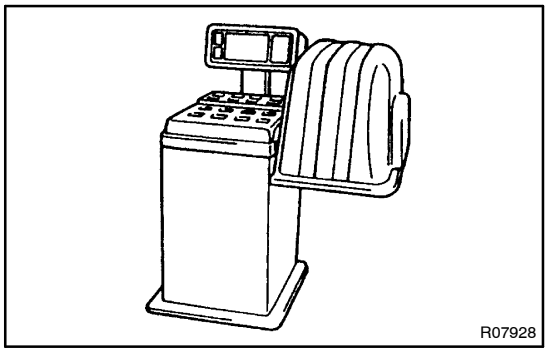
2. ROTATING TIRES

HINT:

See the illustration for where to rotate each tire when you include the spare tire in the rotation and when you do not.



If the rotating direction is specified, do not exchange the tires between the right and left.

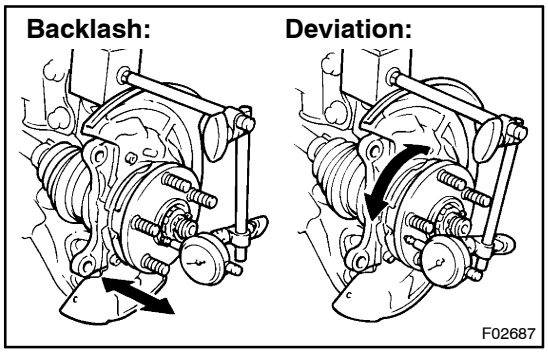


3. INSPECT WHEEL BALANCE

(a) Check and adjust the Off–the–car balance.

(b) If necessary, check and adjust the On–the–car balance.

Imbalance after adjustment: 8.0 g (0.018 lb) or less



4. CHECK WHEEL BEARING LOOSENESS

(a) Using a dial indicator, check the backlash near the center of the axle hub.

Maximum: 0.05 mm (0.0020 in.)

If the backlash exceeds the maximum, replace the bearing.

(b) Using a dial indicator, check the deviation at the surface of the axle hub outside the hub bolt.

Maximum: 0.07 mm (0.0028 in.)

If the deviation exceeds the maximum, replace the axle hub.

5. CHECK FRONT SUSPENSION FOR LOOSENESS

6. CHECK STEERING LINKAGE FOR LOOSENESS

7. CHECK BALL JOINT FOR LOOSENESS

8. CHECK SHOCK ABSORBER WORKS PROPERLY

- Check that oil leaks
- Check mounting bushings for wear
- Bounce front and rear of the vehicle