

WHEEL AND TIRE SYSTEM

INSPECTION

2801P-01

1. INSPECT TIRE

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

Cold tire inflation pressure:

1MZ-FE:

Up to 4 passengers:

Tire size	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
215/60R16 95V	280 (2.8, 41)*1	280 (2.8, 41)*1
	250 (2.5, 36)*2	250 (2.5, 36)*2
	230 (2.3, 33)*3	230 (2.3, 33)*3

5 passengers:

Tire size	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
215/60R16 95V	290 (2.9, 42)*1	290 (2.9, 42)*1
	260 (2.6, 38)*2	260 (2.6, 38)*2
	230 (2.3, 33)*3	230 (2.3, 33)*3

1AZ-FE, 2AZ-FE:

Up to 4 passengers:

Tire size	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
215/60R16 95V	260 (2.6, 38)*1	260 (2.6, 38)*1
	230 (2.3, 33)*2	230 (2.3, 33)*2
	210 (2.1, 30)*3	210 (2.1, 30)*3
205/65R15 94V	260 (2.6, 38)*1	260 (2.6, 38)*1
	230 (2.3, 33)*4	230 (2.3, 33)*4

5 passengers:

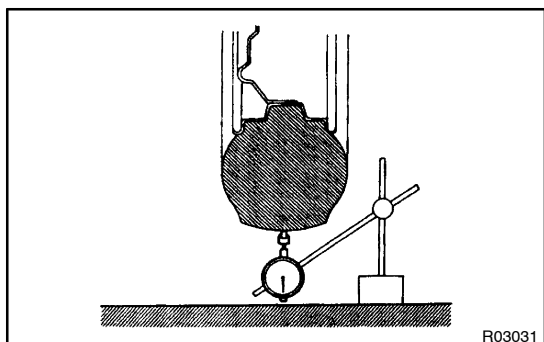
Tire size	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
215/60R16 95V	290 (2.9, 42)*1	290 (2.9, 42)*1
	260 (2.6, 38)*2	260 (2.6, 38)*2
	210 (2.1, 30)*3	210 (2.1, 30)*3
205/65R15 94V	280 (2.8, 41)*1	280 (2.8, 41)*1
	260 (2.6, 38)*4	260 (2.6, 38)*4

*1: For driving at 210 km/h (131 mph) or over

*2: For driving at 160 km/h (100 mph) to 210 km/h (131 mph)

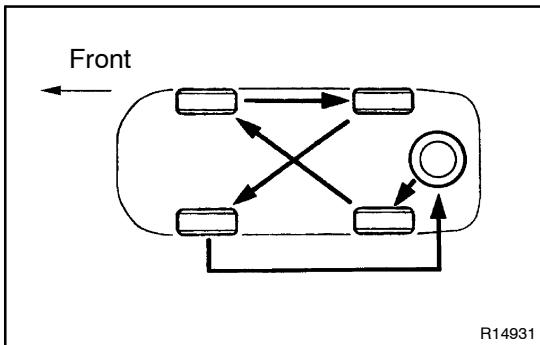
*3: For driving under 160 km/h (100 mph)

*4: For driving under 210 km/h (131 mph)



(b) Using a dial indicator, check the tire runout.

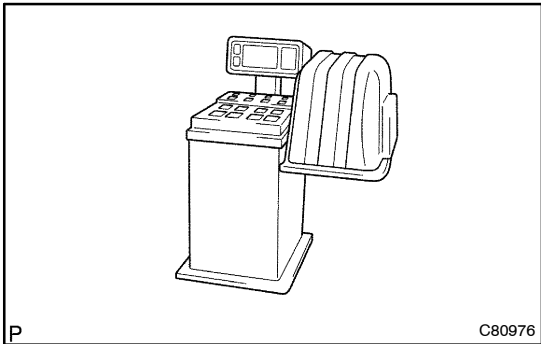
Tire runout: 1.0 mm (0.039 in.) or less



2. ROTATE TIRE

HINT:

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



3. INSPECT WHEEL BALANCE

- Check and adjust the Off-the-car balance.
 - If necessary, check and adjust the On-the-car balance.
- Imbalance after adjustment: 8.0 g (0.018 lb) or less**

- INSPECT BEARING BACKLASH (See page 30-2)
- INSPECT BEARING BACKLASH (See page 30-2)
- INSPECT AXLE HUB DEVIATION (See page 30-2)
- INSPECT AXLE HUB DEVIATION (See page 30-2)