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)*1 250 (2.5, 36)*2 230 (2.3, 33)*3	280 (2.8, 41)*1 250 (2.5, 36)*2 230 (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)*1 260 (2.6, 38)*2 230 (2.3, 33)*3	290 (2.9, 42)*1 260 (2.6, 38)*2 230 (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)*1 230 (2.3, 33)*2 210 (2.1, 30)*3	260 (2.6, 38)*1 230 (2.3, 33)*2 210 (2.1, 30)*3
205/65R15 94V	260 (2.6, 38)*1 230 (2.3, 33)*4	260 (2.6, 38)*1 230 (2.3, 33)*4

5 passengers:

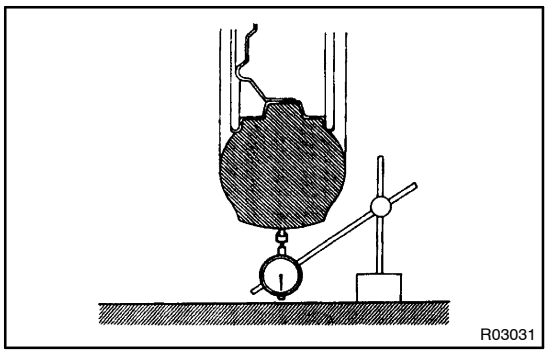
Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
215/60R16 95V	290 (2.9, 42)*1 260 (2.6, 38)*2 210 (2.1, 30)*3	290 (2.9, 42)*1 260 (2.6, 38)*2 210 (2.1, 30)*3
205/65R15 94V	280 (2.8, 41)*1 260 (2.6, 38)*4	280 (2.8, 41)*1 260 (2.6, 38)*4

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

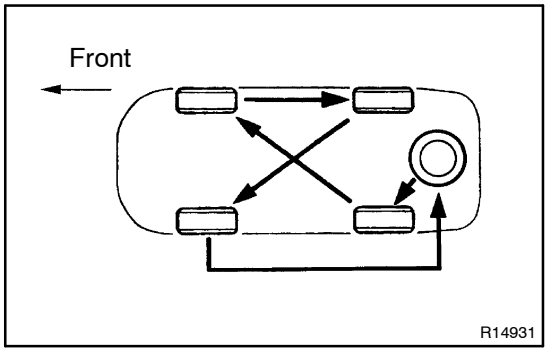
*2: For driving at 160 km/h (100 mph) to 210 km/h (131 mph)

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

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



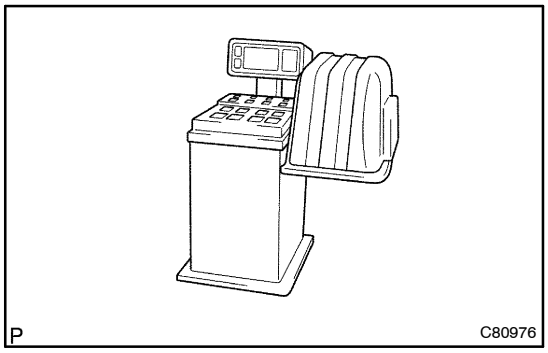
(b) Using a dial indicator, check the tire runout.
Tire runout: 1.0 mm (0.039 in.) or less



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

(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. INSPECT BEARING BACKLASH(See page 30–2)

5. INSPECT BEARING BACKLASH(See page 30–2)

6. INSPECT AXLE HUB DEVIATION(See page 30–2)

7. INSPECT AXLE HUB DEVIATION(See page 30–2)