

WHEEL AND TIRE SYSTEM

INSPECTION

2801F-02

1. INSPECT TIRE

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

Cold tire inflation pressure:

3ZZ – FE, 1ZZ – FE, 1AZ – FE engine models:

Tire size	Front kPa (kgf-cm ² , psi)	Rear kPa (kgf-cm ² , psi)
195/65R16 91V, 205/55R16 91V: with 4 or less occupants	220 (2.2, 32) *1 240 (2.4, 35) *2	220 (2.2, 32) *1 240 (2.4, 35) *2
with 5 or more occupants	220 (2.2, 32) *1 250 (2.5, 36) *2	220 (2.2, 32) *1 280 (2.8, 41) *2

1CD – FTV engine models:

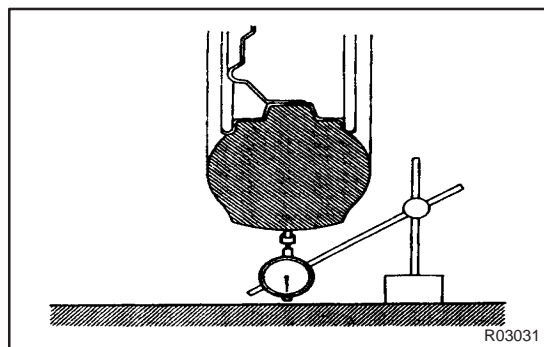
Tire size	Front kPa (kgf-cm ² , psi)	Rear kPa (kgf-cm ² , psi)
205/55R16 91V: with 4 or less occupants	240 (2.4, 35) *1 270 (2.7, 39) *2	240 (2.4, 35) *1 270 (2.7, 39) *2
with 5 or more occupants	240 (2.4, 35) *1 280 (2.8, 41) *2	240 (2.4, 35) *1 290 (2.9, 42) *2

1AZ – FSE engine models:

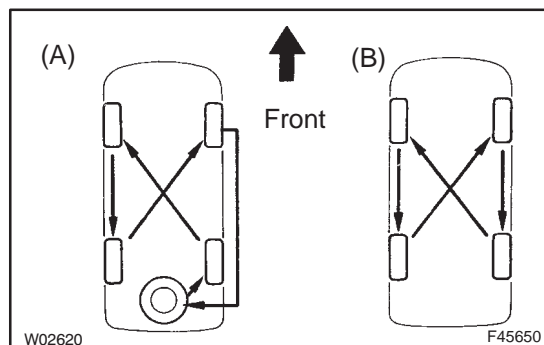
Tire size	Front kPa (kgf-cm ² , psi)	Rear kPa (kgf-cm ² , psi)
205/55R16 91V: with 4 or less occupants	220 (2.2, 32) *1 250 (2.5, 36) *2	220 (2.2, 32) *1 250 (2.5, 36) *2
with 5 or more occupants	220 (2.2, 32) *1 270 (2.7, 39) *2	220 (2.2, 32) *1 280 (2.8, 41) *2
215/45R17 87W: with 4 or less occupants	240 (2.4, 35) *1 290 (2.9, 42) *2	240 (2.4, 35) *1 290 (2.9, 42) *2
with 5 or more occupants	240 (2.4, 35) *1 310 (3.1, 45) *2	240 (2.4, 35) *1 330 (3.3, 48) *2

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

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



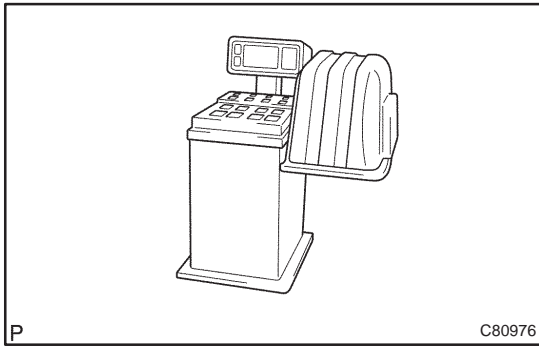
(b) Using a dial indicator, check the runout of tires.
Tire runout: 1.4 mm (0.055 in.) or less



2. ROTATE TIRE

HINT:

If the spare tire is the same as ground tire, perform as "A" in the illustration, and if the spare tire is compact tire, perform as "B" in the illustration.

**3. INSPECT WHEEL BALANCE**

- (a) Check and adjust the Off-the-car balance.
- (b) If required, 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 AXLE HUB DEVIATION** ([See page 30-2](#))
- 6. **INSPECT BEARING BACKLASH** ([See page 30-2](#))
- 7. **INSPECT AXLE HUB DEVIATION** ([See page 30-2](#))