

# WHEEL AND TIRE SYSTEM

## INSPECTION

2805S-01

### 1. INSPECT TIRE

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

**Cold tire inflation pressure:**

**2AZ–FE engine models:**

Tire size	Front kPa (kgf·cm <sup>2</sup> , psi)	Rear kPa (kgf·cm <sup>2</sup> , psi)
205/65R15 94V:		
with 4 or less occupants	230 (2.3, 33) <sup>*1</sup> 260 (2.6, 38) <sup>*2</sup>	230 (2.3, 33) <sup>*1</sup> 260 (2.6, 38) <sup>*2</sup>
with 5 or more occupants	260 (2.6, 38) <sup>*1</sup> 280 (2.8, 41) <sup>*2</sup>	260 (2.6, 38) <sup>*1</sup> 280 (2.8, 41) <sup>*2</sup>
215/60R16 95V:		
with 4 or less occupants	210 (2.1, 30) <sup>*3</sup> 230 (2.3, 33) <sup>*4</sup> 260 (2.6, 38) <sup>*2</sup>	210 (2.1, 30) <sup>*3</sup> 230 (2.3, 33) <sup>*4</sup> 260 (2.6, 38) <sup>*2</sup>
with 5 or more occupants	210 (2.1, 30) <sup>*3</sup> 260 (2.6, 38) <sup>*4</sup> 290 (2.9, 42) <sup>*2</sup>	210 (2.1, 30) <sup>*3</sup> 260 (2.6, 38) <sup>*4</sup> 290 (2.9, 42) <sup>*2</sup>

**1MZ–FE engine models:**

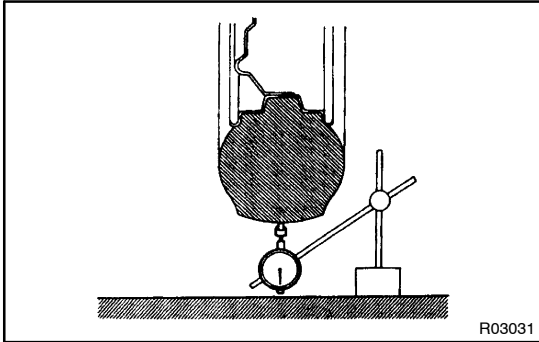
Tire size	Front kPa (kgf·cm <sup>2</sup> , psi)	Rear kPa (kgf·cm <sup>2</sup> , psi)
205/65R15 94V:		
with 4 or less occupants	230 (2.3, 33) <sup>*1</sup> 260 (2.6, 38) <sup>*2</sup>	230 (2.3, 33) <sup>*1</sup> 260 (2.6, 38) <sup>*2</sup>
with 5 or more occupants	260 (2.6, 38) <sup>*1</sup> 280 (2.8, 41) <sup>*2</sup>	260 (2.6, 38) <sup>*1</sup> 280 (2.8, 41) <sup>*2</sup>
215/60R16 95V:		
with 4 or less occupants	230 (2.3, 33) <sup>*3</sup> 250 (2.5, 36) <sup>*4</sup> 280 (2.8, 41) <sup>*2</sup>	230 (2.3, 33) <sup>*3</sup> 250 (2.5, 36) <sup>*4</sup> 280 (2.8, 41) <sup>*2</sup>
with 5 or more occupants	230 (2.3, 33) <sup>*3</sup> 260 (2.6, 38) <sup>*4</sup> 290 (2.9, 42) <sup>*2</sup>	230 (2.3, 33) <sup>*3</sup> 260 (2.6, 38) <sup>*4</sup> 290 (2.9, 42) <sup>*2</sup>

\*1: For driving under 210 km/h (131 mph)

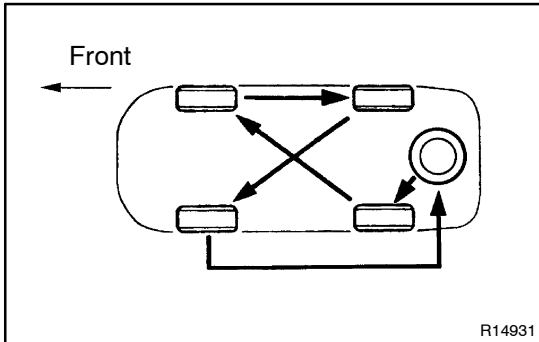
\*2: For driving at 210 km/h (131 mph) or over

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

\*4: For driving at 160 km/h (100 mph) to 210 km/h (131 mph)



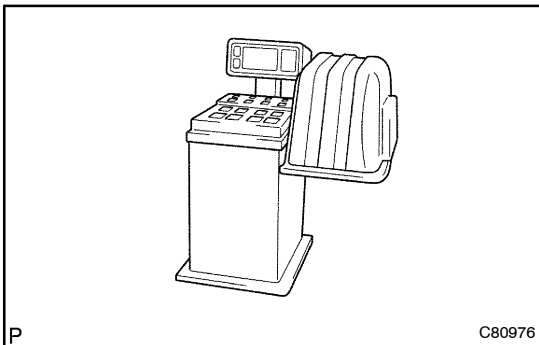
- (b) Using a dial indicator, check the tire runout.  
**Tire runout: 1.0 mm (0.039 in.) or less**



## 2. ROTATE 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.



## 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 LOOSENESS (SEE PUB. NO. RM915E PAGE 30-2)  
5. INSPECT AXLE HUB RUNOUT (SEE PUB. NO. RM915E PAGE 30-2)