

# WHEEL AND TIRE SYSTEM INSPECTION

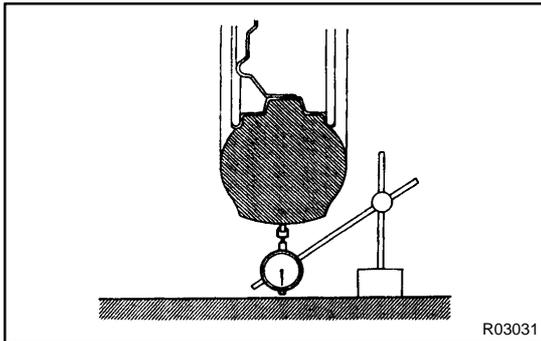
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## 1. INSPECT TIRE

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

**Cold tire inflation pressure:**

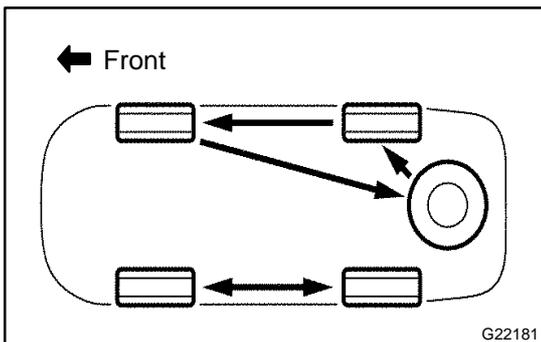
Tire size	Front, Rear Pressure kPa (kgf-cm <sup>2</sup> , psi)
P265/65R17 110S P265/70R16 111S	220 (2.2, 32)



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

**Tire runout: 3.0 mm (0.118 in.) or less**

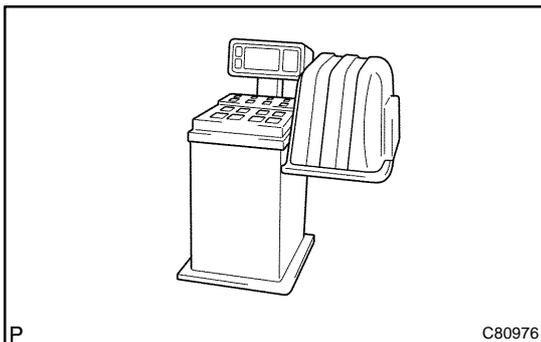


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## 2. ROTATE TIRE

HINT:

See the illustration for where to rotate each tire when you include the spare tire in rotation.



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## 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:**

**265/70R16: 8 g (0.018 lb) or less**

**265/65R17: 7 g (0.015 lb) or less**

4. INSPECT BEARING BACKLASH
5. INSPECT BEARING BACKLASH
6. INSPECT AXLE HUB DEVIATION
7. INSPECT AXLE HUB DEVIATION