

TIRE AND WHEEL INSPECTION

SAOR2-04

1. INSPECT TIRE

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

**Cold tire inflation pressure (Great Britain sports package):
Up to 4 passengers:**

Tire size	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
215/45ZR17	250 (2.5, 36)* ¹	260 (2.6, 38)* ¹
	240 (2.4, 35)* ²	240 (2.4, 35)* ²
	230 (2.3, 33)* ³	230 (2.3, 33)* ³
205/55R16 89V	230 (2.3, 33)* ¹	240 (2.4, 35)* ¹
	230 (2.3, 33)* ²	230 (2.3, 33)* ²
	230 (2.3, 33)* ³	230 (2.3, 33)* ³

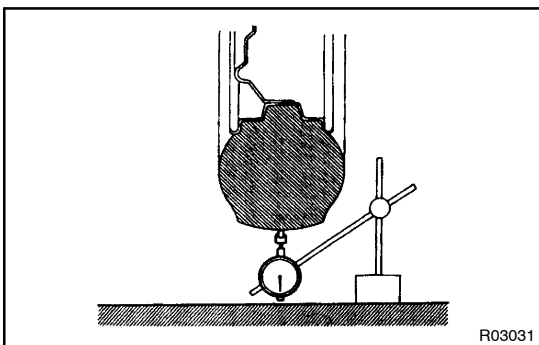
5 passengers:

Tire size	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
215/45ZR17	260 (2.6, 38)* ¹	340 (3.4, 49)* ¹
	250 (2.5, 36)* ²	280 (2.8, 41)* ²
	230 (2.3, 33)* ³	240 (2.4, 35)* ³
205/55R16 89V	240 (2.4, 35)* ¹	310 (3.1, 45)* ¹
	240 (2.4, 35)* ²	270 (2.7, 39)* ²
	230 (2.3, 33)* ³	230 (2.3, 33)* ³

*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)

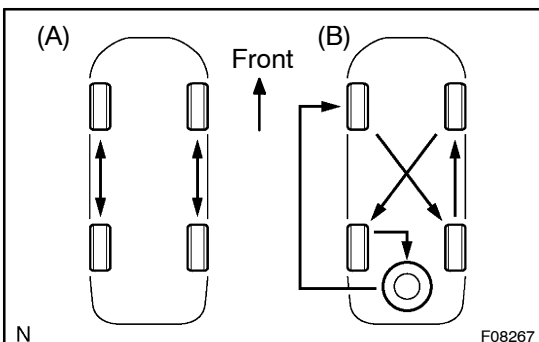
*³: For driving under 160 km/h (100 mph)



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(b) Check the tire runout.

Tire runout: 1.4 mm (0.055 in.) or less

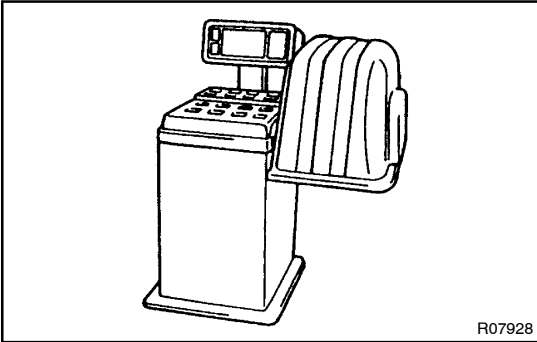


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2. ROTATING TIRES

HINT:

Rotate tires as shown in the illustration as rotation way differs according to whether the tire turning direction is specified (A) or (B).

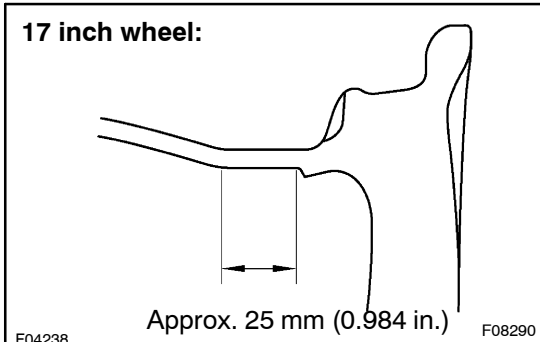


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3. INSPECT WHEEL BALANCE

- (a) Check and adjust the off-the-car balance.
- (b) If necessary, check and adjust the on-the-car balance.

Imbalance after adjustment: 8.0 g (0.018 lb) or less



17 inch wheel:

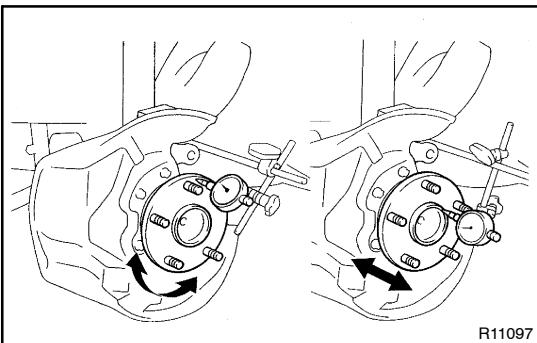
Approx. 25 mm (0.984 in.)

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NOTICE:

- Adhere the sticking type balance weight to the flat position as shown in the illustration.
- Push the balance weight securely with a finger to adhere it to the position.
(Pushing force: 10 kgf/more than 2 secs.)
- After cleaning the surface which the balance weight will be adhered to of dirt, oil and water with a cleaning detergent, adhere the balance weight to the surface.
- Do not touch the sticking surface of the tape.
- Do not use the once used balance weight.
- Please use the TOYOTA genuine sticking type balance weight.



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4. CHECK WHEEL BEARING LOOSENESS

- (a) Check the backlash in the bearing shaft direction.

Maximum: 0.05 mm (0.0020 in.)

- (b) Check the axle hub deviation.

Maximum: 0.05 mm (0.0020 in.)

5. CHECK FRONT SUSPENSION FOR LOOSENESS

6. CHECK STEERING LINKAGE FOR LOOSENESS

7. CHECK BALL JOINT FOR LOOSENESS AND

EXCESSIVE PLAY (See Pub. No. RM684E on page SA-36)

8. CHECK SHOCK ABSORBER WORKS PROPERLY

- Check if oil leaks
- Check mounting bushings for wear
- Bounce front and rear of the vehicle