

TIRE AND WHEEL INSPECTION

SA28G-01

1. INSPECT TIRE

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

Cold tire inflation pressure:

(SEDAN):

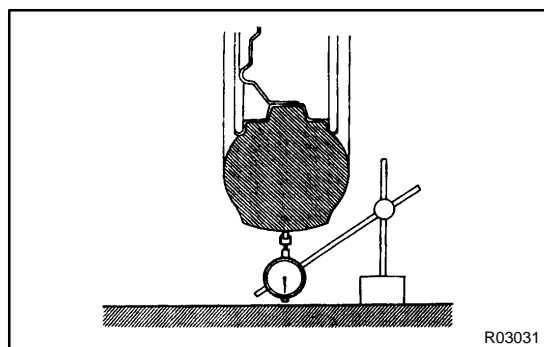
Tire size	Front kpa (kgf/cm ² ,psi)	Rear kpa (kgf/cm ² ,psi)
215/45ZR17	230 (2.3, 33) *1 300 (3.0, 44) *2	230 (2.3, 33) *1 300 (3.0, 44) *2
P205/55R16 89V	230 (2.3, 33) *1 300 (3.0, 44) *2	230 (2.3, 33) *1 300 (3.0, 44) *2

(WAGON):

Tire size	Front kpa (kgf/cm ² ,psi)	Rear kpa (kgf/cm ² ,psi)
215/45ZR17	230 (2.3, 33) *1 300 (3.0, 44) *2	-
225/45ZR17	-	240 (2.4, 35) *1 310 (3.1, 45) *2
P205/55R16 89V	230 (2.3, 33) *1 300 (3.0, 44) *2	230 (2.3, 33) *1 320 (3.2, 46) *2

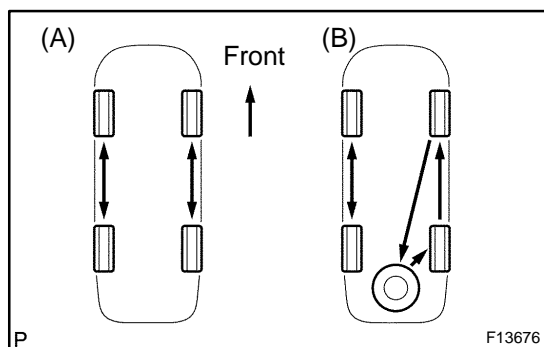
*1: For driving under 160 km/h (100 mph)

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



(b) Check the tire runout.

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



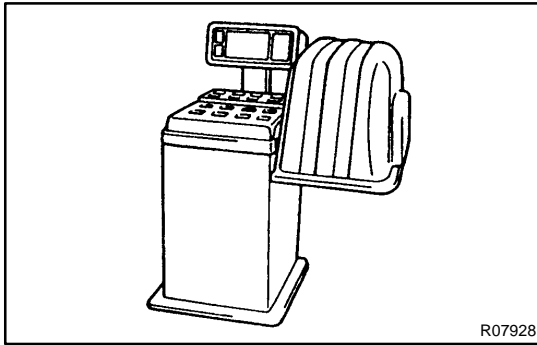
2. ROTATING TIRES

NOTICE:

Tires must not be rotated for wagon due to the difference in size between the front and rear tires.

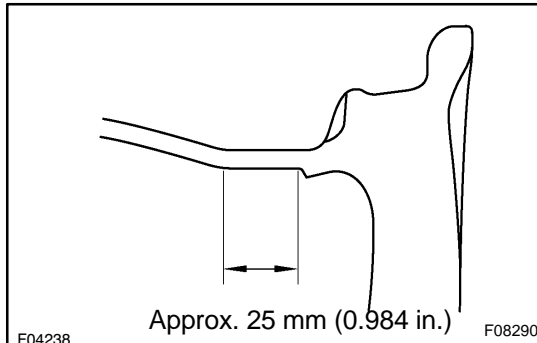
HINT:

- Rotate tires as shown in the illustration as rotation.
- Rotate as shown in (B) if the spare tire is included in the rotation.



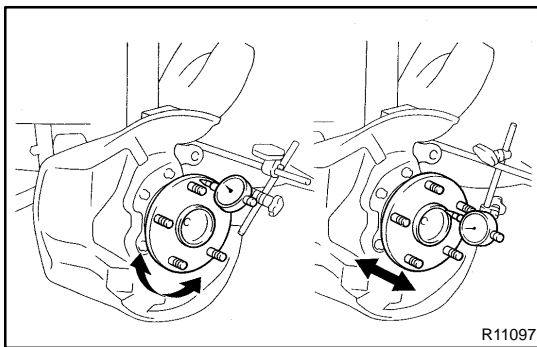
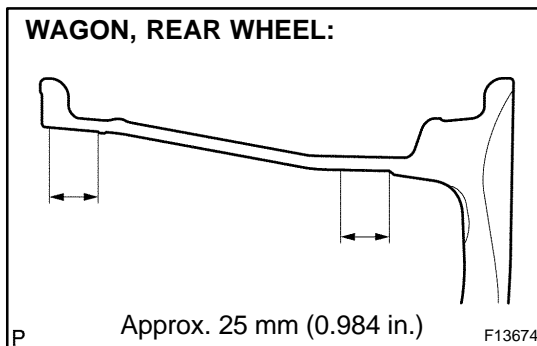
3. INSPECT WHEEL BALANCE

- (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**



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.



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 page SA-39)

8. CHECK SHOCK ABSORBER WORKS PROPERLY

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