

TIRE AND WHEEL INSPECTION

1. INSPECT TIRE

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

Cold tire inflation pressure

Europe and middle east (tire size: 225/55R16 94V)

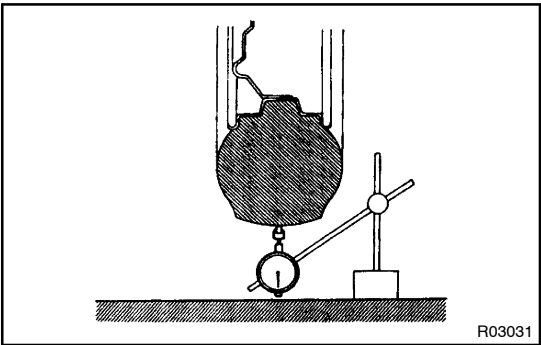
Vehicle speed	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
Less than 160 km/h (100 mph)	*1220 (2.2, 32) *2240 (2.4, 35)	*1220 (2.2, 32) *2250 (2.6, 36)
More than 160 km/h (100 mph)	*1240 (2.4, 35) *2300 (3.1, 44)	*1250 (2.6, 36) *2340 (3.5, 49)

Australia and others (tire size: 225/55R16 94V)

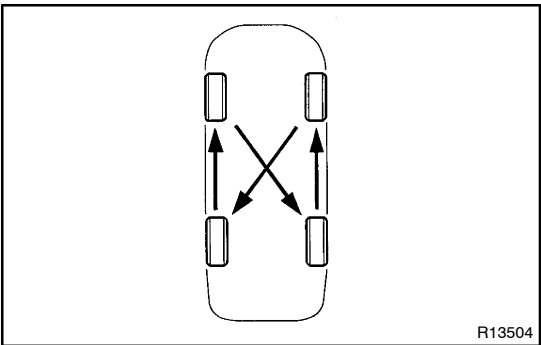
Vehicle speed	Front kPa (kgf/cm ² , psi)	Rear kPa (kgf/cm ² , psi)
Less than 140 km/h (87 mph)	*1220 (2.2, 32) *2240 (2.4, 35)	*1220 (2.2, 32) *2250 (2.6, 36)
More than 140 km/h (87 mph)	*1240 (2.4, 35) *2300 (3.1, 44)	*1270 (2.8, 39) *2340 (3.5, 49)

*1: Up to 4 passengers

*2: More than 4 passengers



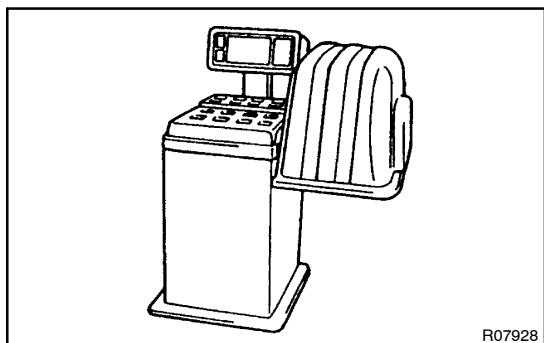
- (b) Check the tire runout.
Tire runout: 1.4 mm (0.055 in.) or less



2. ROTATING TIRES

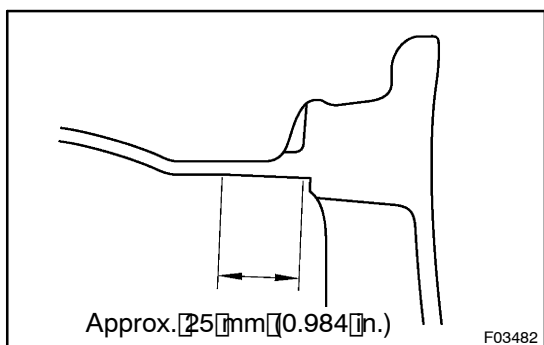
HINT:

See the illustration for where to rotate each tire.



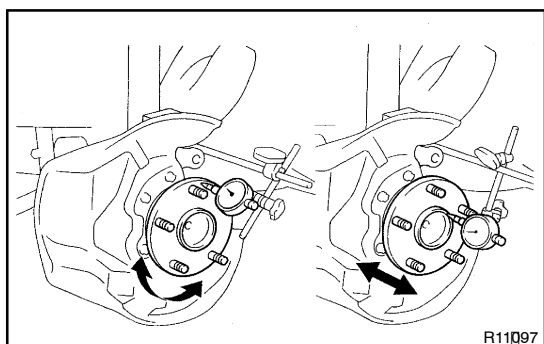
3. INSPECT WHEEL BALANCE

- (a) Check and adjust the off-the-car balance.
 - (b) If necessary, check and adjust the on-the-car balance.
- Unbalance after adjustment: 8.0 g (0.018 lb) or less**



NOTICE:

- Adhere the sticking type balance weight to the flat position 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-34)

8. CHECK SHOCK ABSORBER WORKS PROPERLY

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