

WHEEL AND TIRE SYSTEM

2804F-01

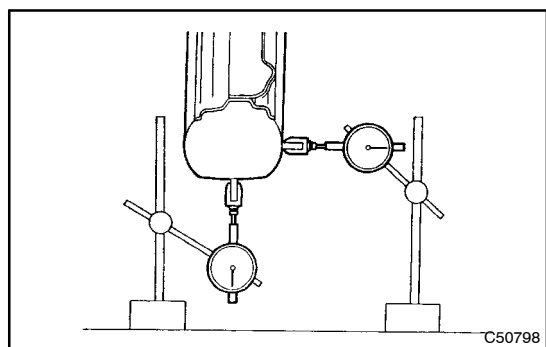
INSPECTION

1. INSPECT TIRE

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

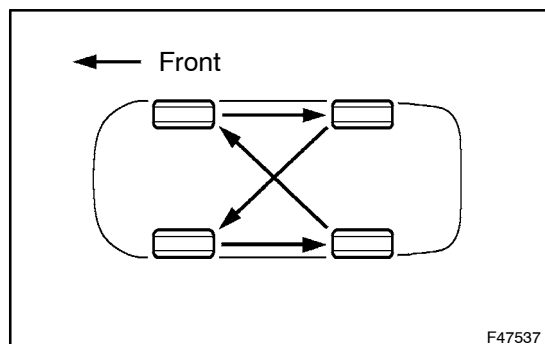
Cold tire inflation pressure:

Tire size	Front kPa (kgf/cm ²) (psi)	Rear kPa (kgf/cm ²) (psi)
195/55R16 77V: For driving under 160 km/h (100 mph) For driving at 160 km/h (100 mph) or over	240 (2.4, 35) 260 (2.6, 38)	230 (2.3, 33) 250 (2.5, 36)
195/60R15 78V: For driving under 140 km/h (87 mph) For driving at 140 km/h (87 mph) or over	240 (2.4, 35) 270 (2.7, 39)	230 (2.3, 33) 260 (2.6, 38)



- (b) Using a dial indicator, check the tire runout (vertical and horizontal).

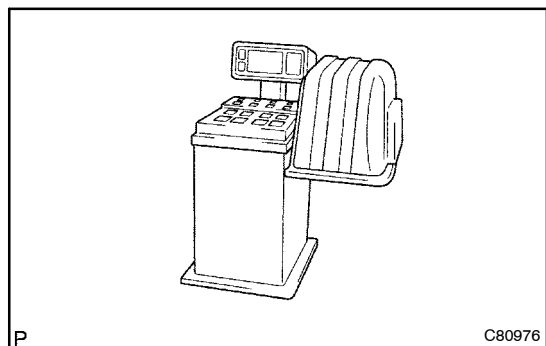
Tire runout: 1.4 mm (0.055 in.) or less



2. ROTATE TIRE

HINT:

Rotate tires as shown in the illustration.



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 BACKLASH (SEE PAGE 30-2)
5. INSPECT AXLE HUB DEVIATION (SEE PAGE 30-2)
6. INSPECT BEARING BACKLASH (SEE PAGE 30-2)
7. INSPECT AXLE HUB DEVIATION (SEE PAGE 30-2)

TIRE REPAIR SEAL RETRIEVAL

2804G-01

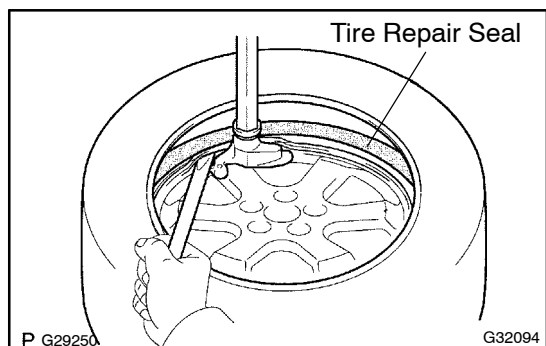
1. RETRIEVAL TIRE REPAIR SEAL

NOTICE:

- The tire repair seal has a useful life of 4 years. Any seal whose useful life exceeds this 4 year period is not covered by warranty.
- Be careful not to spill the tire repair seal in the tire during servicing.
- Wipe off any spilt seal with a cloth, etc.
- Do not wash and reuse items such as cloths used to wipe off seal and gloves with seal attached. Dispose of such items as burnable waste.
- A flat tire that cannot be fixed regularly, or where the puncture cannot be identified cannot be reused.
- A valve and a valve core cannot be reused.

HINT:

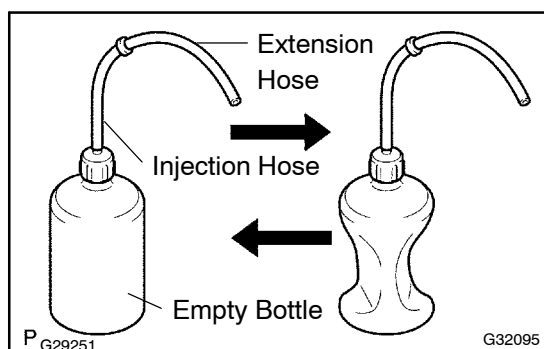
- A wheel that tire repair seal has been removed from can be reused.
- A tire can be reused if the puncture can be identified, even though a sharp object such as a nail sticks in a tire groove (where the tire surface touches to the ground) and the tire can be fixed regularly.



- (a) Using a tire changer, remove the tire from the wheel following the same procedures as for regular tire change.

NOTICE:

Do not raise the tire rapidly as the seal may spill out.



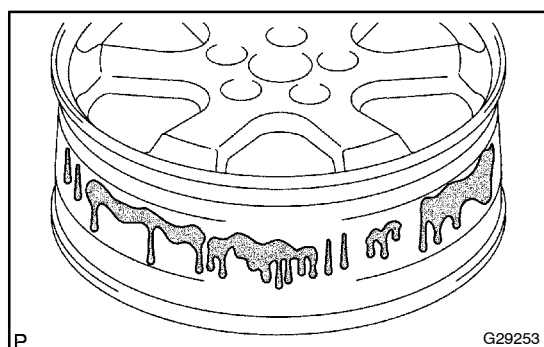
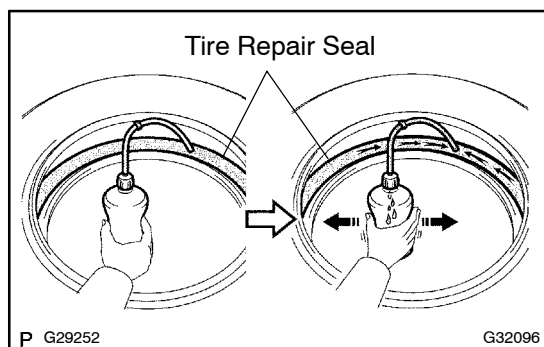
- (b) Retrieve the tire repair seal from the removed tire.
- (1) Connect an injection hose with an extension hose to the empty bottle.
 - (2) Compress and hold the bottle to bleed the air inside. Maintain a firm grip on the bottle. Put the end of the hose into the seal inner rim of the tire and slowly loosen the grip on the bottle to retrieve the seal into the bottle.

NOTICE:

Be careful that retrieved seal is not released when compressing the bottle.

HINT:

If the tire repair seal bottle is not available, use an equivalent plastic bottle with its top cut off to scoop and retrieve the seal.



- (3) Use a cloth, etc. to wipe the tire repair seal from the inner rim of the tire, the wheel, tire changer and the floor.

DISPOSAL

1. DISPOSE OF TIRE REPAIR SEAL

- (a) Dispose of the retrieved seal in the same manner as LLC, by consigning disposal to a burnable waste disposal firm.
- (b) Dispose of the bottle used for retrieving the seal as disposal plastic waste.

HINT:

Dispose of any unused seal that exceeds its useful life (4 years) in the same way as described above.