WHEEL AND TIRE SYSTEM

INSPECTION

28030–01

1. INSPECT TIRE

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

Cold tire inflation pressure:

Europe:

Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
225/70R17 108S		
Unloaded:	200 (2.0, 29)	200 (2.0, 29)
Loaded:	200 (2.0, 29)	260 (2.7, 38)
P265/65R17 110S	200 (2.0, 29)	200 (2.0, 29)
265/65R17 112S	200 (2.0, 29)	200 (2.0, 29)

Australia & Mozambique:

Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
225/70R17 108S		
With 4 or less occupants:	200 (2.0, 29)	200 (2.0, 29)
With 5 or more occupants:	200 (2.0, 29)	260 (2.7, 38)
265/65R17 112S	190 (1.9, 28)	190 (1.9, 28)

G.C.C.:

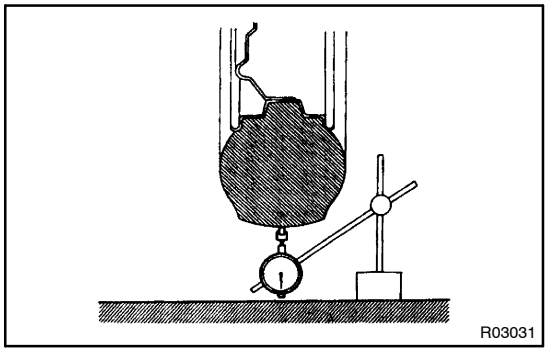
Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
225/70R17 108S		
Unloaded:	200 (2.0, 29)	200 (2.0, 29)
Loaded:	200 (2.0, 29)	260 (2.7, 38)
225/70R17C 108S		
Unloaded:	200 (2.0, 29)	200 (2.0, 29)
Loaded:	200 (2.0, 29)	290 (3.0, 42)
265/65R17 112S	200 (2.0, 29)	200 (2.0, 29)

China:

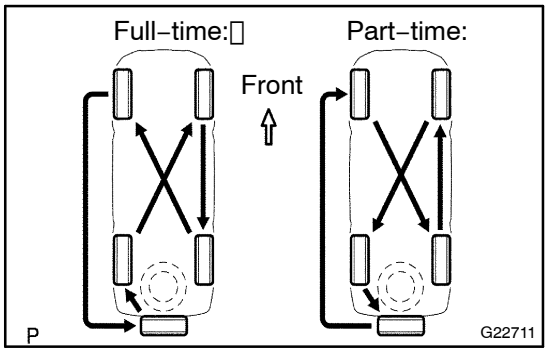
Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
225/70R17 108S		
Unloaded:	200 (2.0, 29)	200 (2.0, 29)
Loaded:	200 (2.0, 29)	260 (2.7, 38)
265/65R17 112S	200 (2.0, 29)	200 (2.0, 29)

Other:

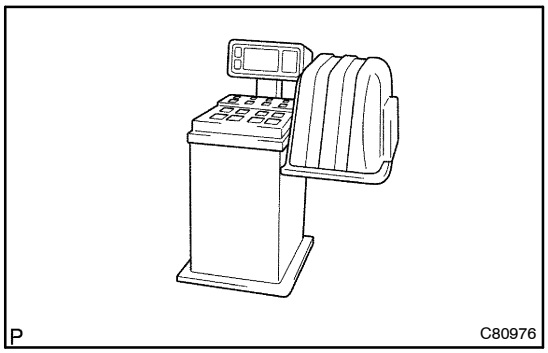
Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
225/70R17 108S		
Unloaded:	200 (2.0, 29)	200 (2.0, 29)
Loaded:	200 (2.0, 29)	260 (2.7, 38)
265/65R17 112S	200 (2.0, 29)	200 (2.0, 29)



(b) Using a dial indicator, check the tire runout.
Tire runout: 3.0 mm (0.118 in.) or less



2. ROTATE TIRE
HINT:
See the illustration for where to rotate each tire when you include the spare tire in 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:
Steel wheel: 12 g (0.026 lb) or less
Aluminum wheel: 7 g (0.015 lb) or less

4. INSPECT BEARING BACKLASH (See page 30–2)
5. INSPECT BEARING BACKLASH (See page 30–2)
6. INSPECT AXLE HUB DEVIATION (See page 30–2)
7. INSPECT AXLE HUB DEVIATION (See page 30–2)