TIRE AND WHEEL (2WD)

SA091–05

INSPECTION

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)
185R14C–8PR	220 (2.2, 32)	450 (4.5, 65)
195R14C–8PR		

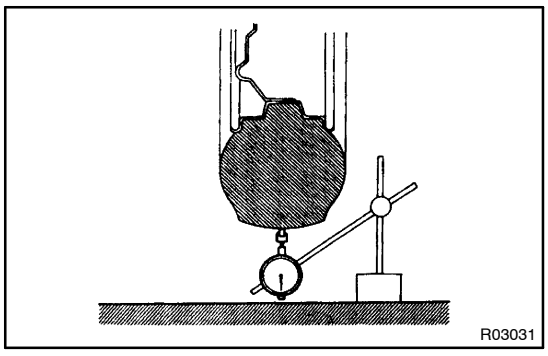
Australia:

Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
Unladen or 2 passengers 100 kg of luggage or less		
195R14C–8PR	220 (2.2, 32)	220 (2.2, 32)
Fully laden		
195R14C–8PR	220 (2.2, 32)	450 (4.5, 65)

Others:

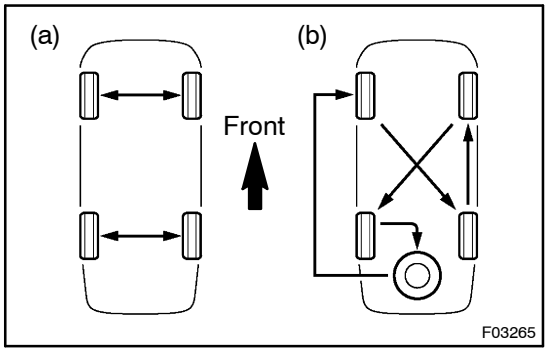
Tire size	Front kPa (kgf/cm^2, psi)	Rear kPa (kgf/cm^2, psi)
Loaded		
6.00–14–6PRLT 6.50–14–8PRLT	200 (2.0, 29) –	– 425 (4.25, 62)
185R14C–8PR	220 (2.2, 32) 200 (2.0, 29)*	450 (4.5, 65)
195R14C–8PR	220 (2.2, 32)	450 (4.5, 65)
195R15–6PRLT	180 (1.8, 26)	375 (3.75, 54)
Unloaded		
6.00–14–6PRLT 6.50–14–8PRLT	180 (1.8, 26) –	– 240 (2.4, 35)
185R14C–8PR	220 (2.2, 32) 200 (2.0, 29)*	450 (4.5, 65)
195R14C–8PR	220 (2.2, 32)	450 (4.5, 65)
195R15–6PRLT	180 (1.8, 26)	375 (3.75, 54)

*: RZN142 series only



(b) Check the tire runout.

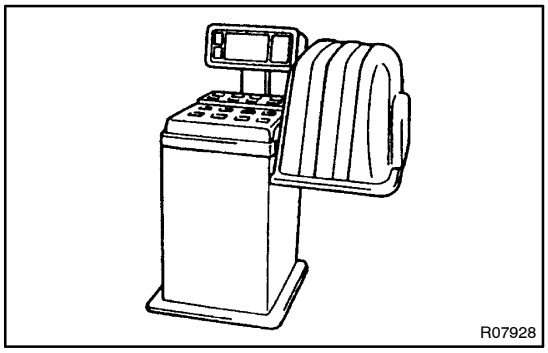
Tire runout: 3.0 mm (0.118 in.) or less



2. ROTATING TIRES

(a) Vehicle with front and rear tires of the different size:
Replace the right tire with the left one, vice versa.

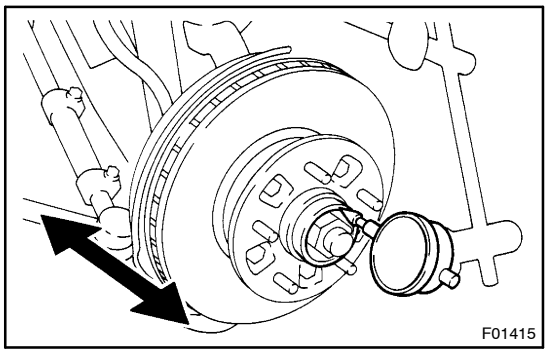
(b) Vehicle with front and rear tires of the same size:
See the illustration for where to rotate each tire when you include the spare tire in rotation.



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:
195R15–6PRLT: 13.0 g (0.029 lb) or less
Others: 15.0 g (0.033 lb) or less



4. CHECK WHEEL BEARING LOOSENESS

Check the backlash in the bearing shaft direction.
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

8. CHECK SHOCK ABSORBER WORKS PROPERLY

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