

# Wheel Alignment

## PRELIMINARY CHECK AND ADJUSTMENT

### 1. MAKE FOLLOWING CHECKS CORRECT ANY PROBLEMS

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

**Cold tire inflation pressure: kPa (Kgf/cm<sup>2</sup>, psi)**

Tire size	Front	Rear
225/55 R16	220 (2.2, 32)	220 (2.2, 32)

- (b) Check the tire runout.

**Tire runout: Less than 1.4 mm (0.055 in.)**

- (c) Check the wheel bearing for looseness.  
 (d) Check the suspension for looseness.  
 (e) Check the steering linkage for looseness.  
 (f) Check the ball joint for excessive looseness.  
 (g) Check that the shock absorbers work properly by using the standard bounce test.

### 2. MEASURE VEHICLE HEIGHT

Vehicle height: mm (in.)

Front	Rear
194.4 (7.654)	251.7 (9.909)

**HINT:**

- Measuring points  
 Front—Measure from the ground to the center of the lower suspension arm mounting bolt.  
 Rear—Measure from the ground to the center of the No.2 lower suspension arm mounting bolt.
- Before inspecting the wheel alignment, adjust the vehicle height to specification.

If the vehicle height is not standard, try to adjust it by pushing down on or lifting the body.

If it still is not correct, check for bad springs or suspension parts.

