

Wheel Alignment

Turning Angle Inspection/ Adjustment

NOTE: Use commercially available computerized four wheel alignment equipment to measure wheel alignment (i.e. caster, camber, toe, and/or turning angle). Follow the equipment manufacturer's instructions.

1. Jack up the front of the car. Set the turning radius gauges beneath the front wheels, then lower the car.
2. Jack up the rear of the car. Place boards that are the same thickness as the turning radius gauges under the rear wheels, then lower the car.

NOTE: For accurate readings, the car must be level.

3. Turn the wheel right and left while applying the brake, and measure the turning angle of both wheels.

Turning angle:

Inward wheel: $44^{\circ} \pm 2^{\circ}$
 $40^{\circ} \pm 2^{\circ}$ (with TCS)

Outward wheel: 35°
(reference) 33° (with TCS)

4. If the measurements are not within the specifications, adjust as required by turning the tie-rods.

NOTE: After adjusting, recheck the front wheel toe and readjust if necessary. Reposition the tie rod boot if twisted or displaced.

