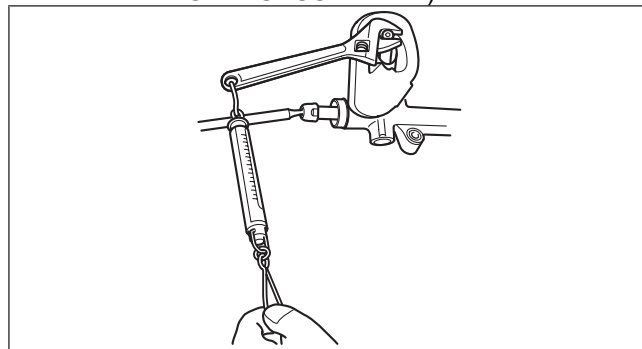


STEERING GEAR AND LINKAGE INSPECTION

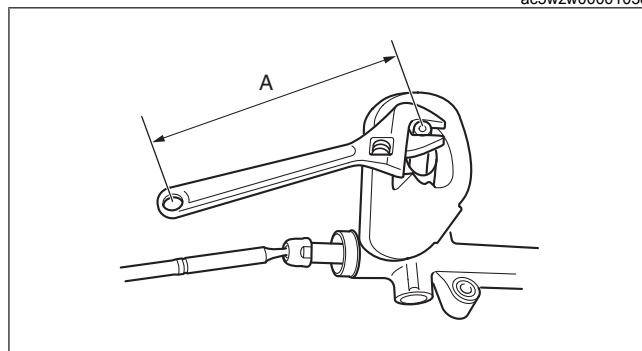
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1. Remove the steering gear and linkage. (See STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION.)
2. Remove the tie-rod end and boot. (See STEERING GEAR AND LINKAGE DISASSEMBLY.)
3. Measure the rotation torque of the pinion shaft using a crescent wrench and pull scale. (speed measurement reference **5 °/s**)
 - (1) Install the crescent wrench to the steering gear.



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- (2) Measure the length from the pinion shaft center to the crescent wrench end (application point of pull scale) as shown in the figure. This is dimension A.
- (3) The rotation torque of the pinion shaft can be calculated using the following formula
Measured value using pull scale (N {kgf, lbf}) = rotation torque of the pinion shaft (N·m {kgf·cm, in·lbf})/length A (m {cm, in})



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Pinion shaft rotation torque (center of rack ± 180°)

1.0—1.6 N·m {11—16 kgf·cm, 8.9—14 in·lbf}

[Pull scale reading: 1.0—1.6 N·m {11—16 kgf·cm, 8.9—14 in·lbf}/A (m {cm, in})]

- If not within the specification, replace the steering gear. (See STEERING GEAR AND LINKAGE REMOVAL/INSTALLATION.)