

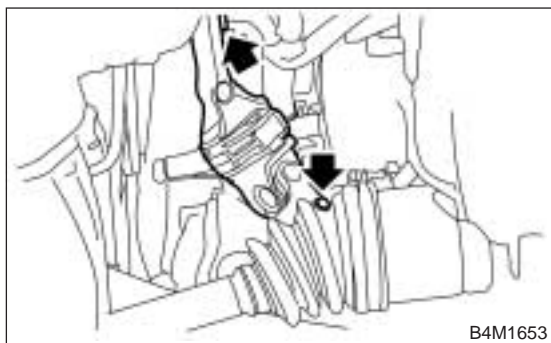
3. Universal Joint S601273

A: REMOVAL S601273A18

- 1) Remove the steering wheel. <Ref. to PS-17 REMOVAL, Steering Wheel.>
- 2) Remove universal joint bolts and then remove universal joint.

CAUTION:

Scribe alignment marks on universal joint so that it can be reassembled at the original serration.



B: INSTALLATION S601273A11

- 1) Install universal joint.
 - (1) Align bolts hole on the long yoke side of universal joint with the cutout at the serrated section of shaft end, and insert universal joint.
 - (2) Align bolt hole on the short yoke side of universal joint with the cutout at the serrated section of gearbox assembly. Lower universal joint completely.
 - (3) Temporarily tighten bolt on the short yoke side. Raise universal joint to make sure the bolt is properly passing through the cutout at the serrated section.
 - (4) Tighten bolt on the long yoke, then that on the short yoke side.

Tightening torque:

24 N·m (2.4 kgf-m, 17.4 ft-lb)

CAUTION:

- Make sure that universal joint bolt is tightened through notch in shaft serration.
- Excessively large tightening torque of universal joint bolts may lead to heavy steering wheel operation.

Standard clearance between gearbox to DOJ:

Over 15 mm (0.59 in)

- 2) Align center of roll connector. <Ref. to AB-22 ADJUSTMENT, Roll Connector.>

CAUTION:

Ensure that front wheel are set straight forward direction.

- 3) Install steering wheel and airbag module. <Ref. to PS-17 INSPECTION, Steering Wheel.>

WARNING:

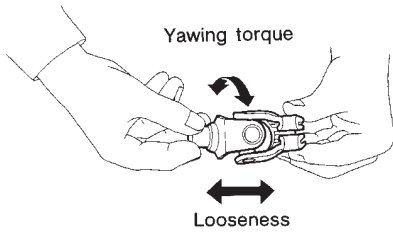
Always refer to “Air Bag System” before performing airbag module service (if so equipped). <Ref. to AB-12 CAUTION, Driver’s Airbag Module.> and <Ref. to AB-13 INSTALLATION, Driver’s Airbag Module.>

UNIVERSAL JOINT

Power Assisted System (Power Steering)

C: INSPECTION S601273A10

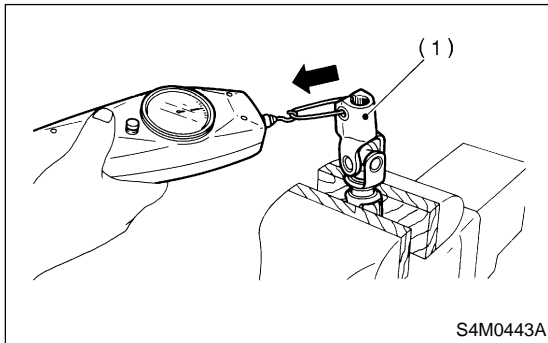
Clean the disassembled parts with a cloth, and check for wear, damage, or any other faults. If necessary, repair or replace faulty parts.

Inspection	Corrective action
<ul style="list-style-type: none"> ● Free play ● Swinging torque ● Yawing torque ● Looseness <div style="text-align: center;">  <p>Yawing torque</p> <p>Looseness</p> </div> <p style="text-align: right; margin-right: 50px;">G4M0089</p> <p>Standard value of universal joint free play: 0 mm (0 in) Max. value of universal joint swinging torque: 0.3 N·m (0.03 kgf·m, 0.2 ft·lb)</p>	<p>Replace if faulty.</p>

Measurement of folding torque of universal joint is as shown in the figures.

Service limit:

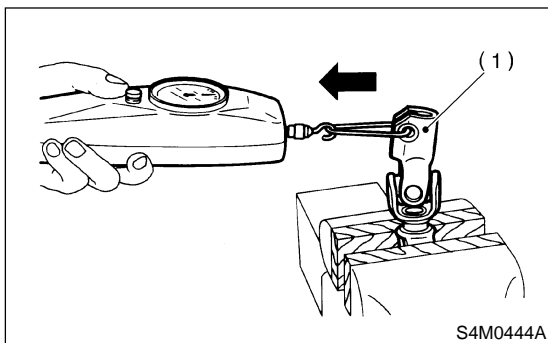
Maximum load; 5.49 N (0.56 kg, 1.23 lb) or less



(1) Long yoke

Service limit:

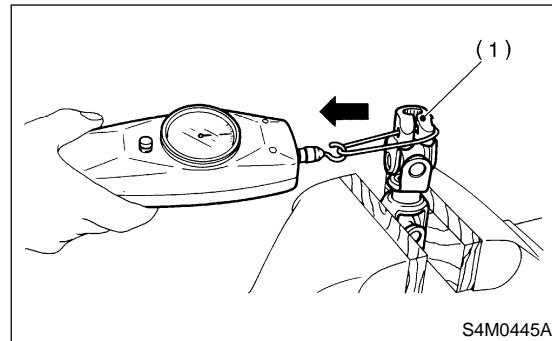
Maximum load; 5.49 N (0.56 kg, 1.23 lb) or less



(1) Long yoke

Service limit:

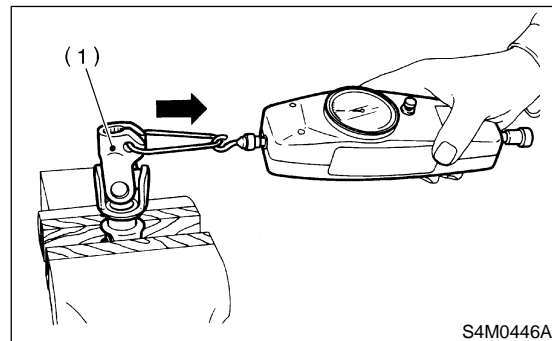
Maximum load; 8.43 N (0.86 kg, 1.90 lb) or less



(1) Short yoke

Service limit:

Maximum load; 8.43 N (0.86 kg, 1.90 lb) or less



(1) Short yoke