

(3) AVS Adjustment Actuator Removal and Installation (GS250/350 GRL11/10 AVS)

For replacement work, please ask a qualified specialist dealer or follow the maintenance procedure issued by the automobile manufacturer.

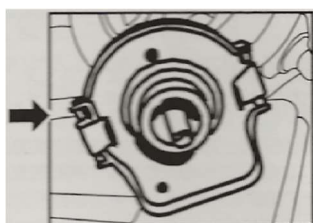
1) Removing the damping force adjustment actuator

- ① Remove the shock absorber. (Front: 3 nuts, Rear: pull up to remove)
- ② Disconnect the connector of the actuator, and turn it 40° counterclockwise to remove it from the actuator bracket.



Connector

40°

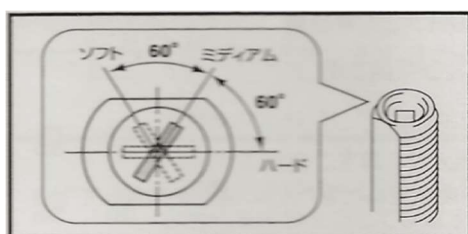


- ③ It is convenient to mark the actuator and actuator bracket with a matching mark to confirm the position when assembling the actuator.

The illustration on this page shows the front left side as an example.

2) Installation of damping force adjustment actuator

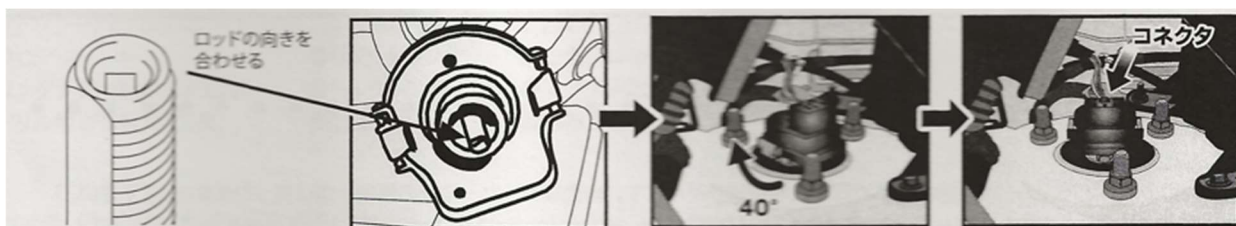
- ① The factory shock absorber control rod is set at 40° from the hard position.



ソフト (Soft)  
60°  
ミディアム (Medium)  
60°  
ハード (Hard)

- ② Align the rotating part of the actuator with the control rod on the end of the shock absorber and insert it.

Turn the actuator clockwise 40° to fix it to the actuator bracket and insert the connector.



Align the direction of the rods.

40°

Connectors

- ③ Install the shock absorber upper cap. (Insert 3 nuts for the front and upper studs for the rear.)

3) Tightening torque for each part

Front side

- ① Upper support body fixing (3 nuts) . . . . . Standard value: 67 Nm
- ② Shock absorber rod top nut . . . . . Standard value: 28 Nm
- ③ Shock absorber upper cap (3 nuts) . . . . . Standard value: 20 Nm
- ④ Shock absorber lower mount bolt . . . . . Standard value: 157 Nm

Note: Jack up the lower arm and tighten the bolts while the lower arm is in a horizontal position.

Rear side

- ⑤ Shock absorber rod top nut . . . . . Standard value: 18 Nm
- ⑥ Upper support body fixing (3 nuts) . . . . . Standard value: 74 Nm
- ⑦ Shock absorber lower mount bolt . . . . . Standard value: 110 Nm

Note: Jack up the lower arm and tighten the bolts while the lower arm is in a horizontal position.