

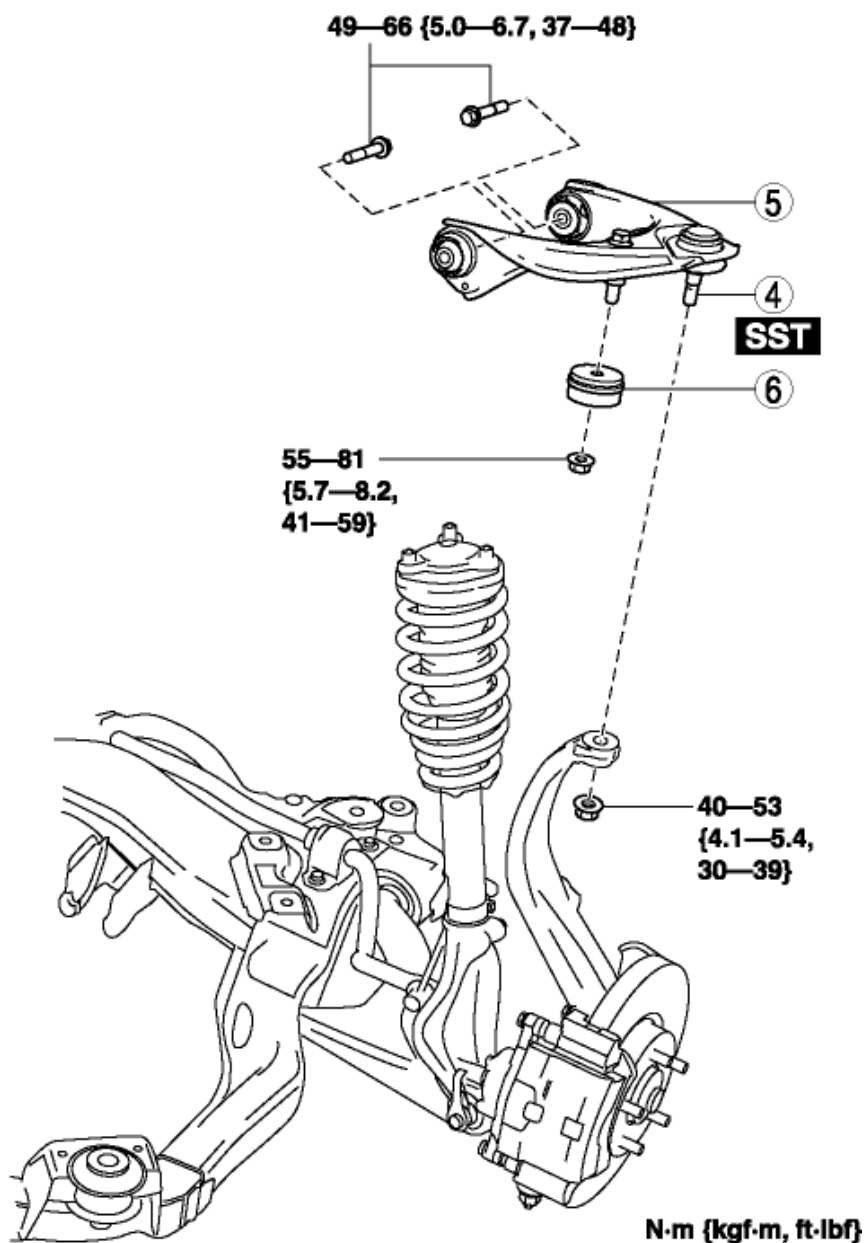
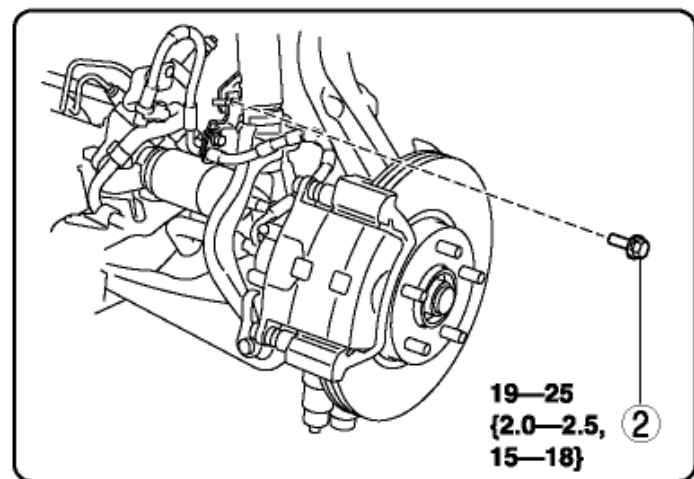
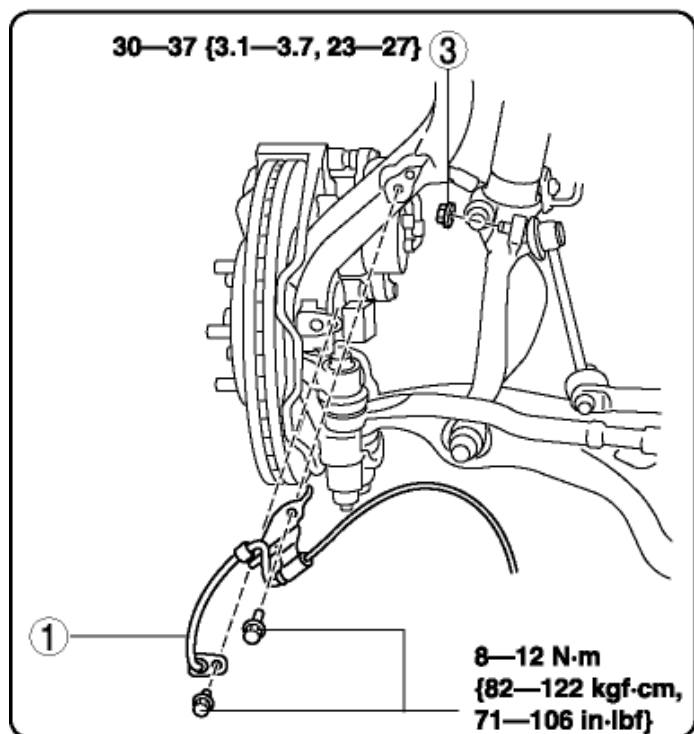
2012 - Mazda6 - Suspension

FRONT UPPER ARM REMOVAL/ INSTALLATION

CAUTION:

- Performing the following procedures without first removing the ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, remove the ABS wheel-speed sensor (axle side) and fix it to an appropriate place where the sensor will not be pulled by mistake while servicing the vehicle.

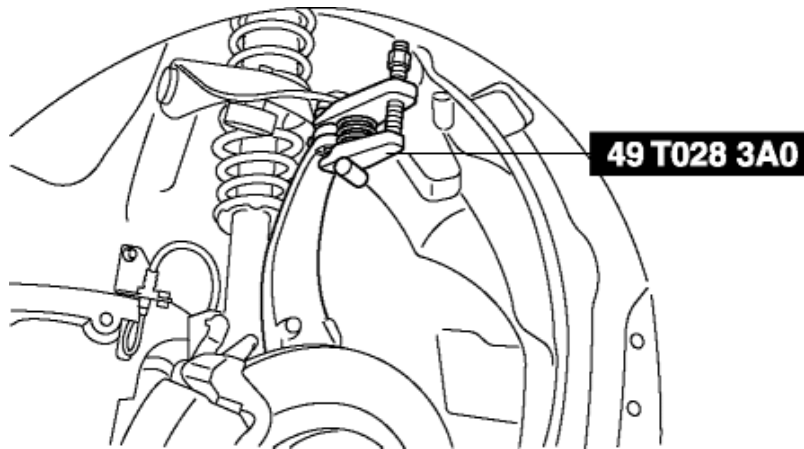
1. Remove in the order indicated in the table.
2. Install in the reverse order of removal.
3. Inspect the front wheel alignment. (See [FRONT WHEEL ALIGNMENT](#).)



1	Front ABS wheel-speed sensor
2	Brake hose bracket bolt
3	Front stabilizer control link upper side nut
4	Front upper arm ball joint (See Front Upper Arm Ball Joint Removal Note.)
5	Front upper arm (See Front Upper Arm Removal Note.)
6	Dynamic damper

Front Upper Arm Ball Joint Removal Note

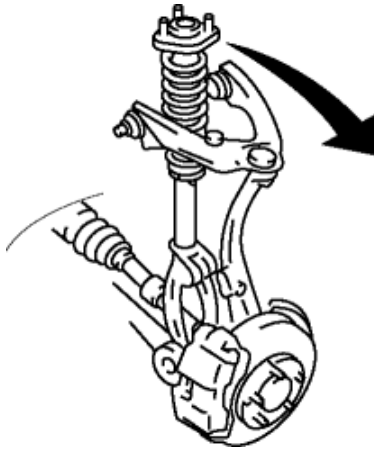
1. Support the knuckle using the jack.
2. Separate the ball joint from the knuckle using the **SST**.



Front Upper Arm Removal Note

NOTE:

- Pull the front shock absorber and coil spring outward of the vehicle when doing the procedure so as to assure a space for the front upper arm bolt removal.
1. Remove the nuts from the upper part of the front shock absorber.
 2. Pull the front shock absorber and coil spring out of the way, towards the outer side of the vehicle.



3. Remove the bolts.
4. Remove the front upper arm.

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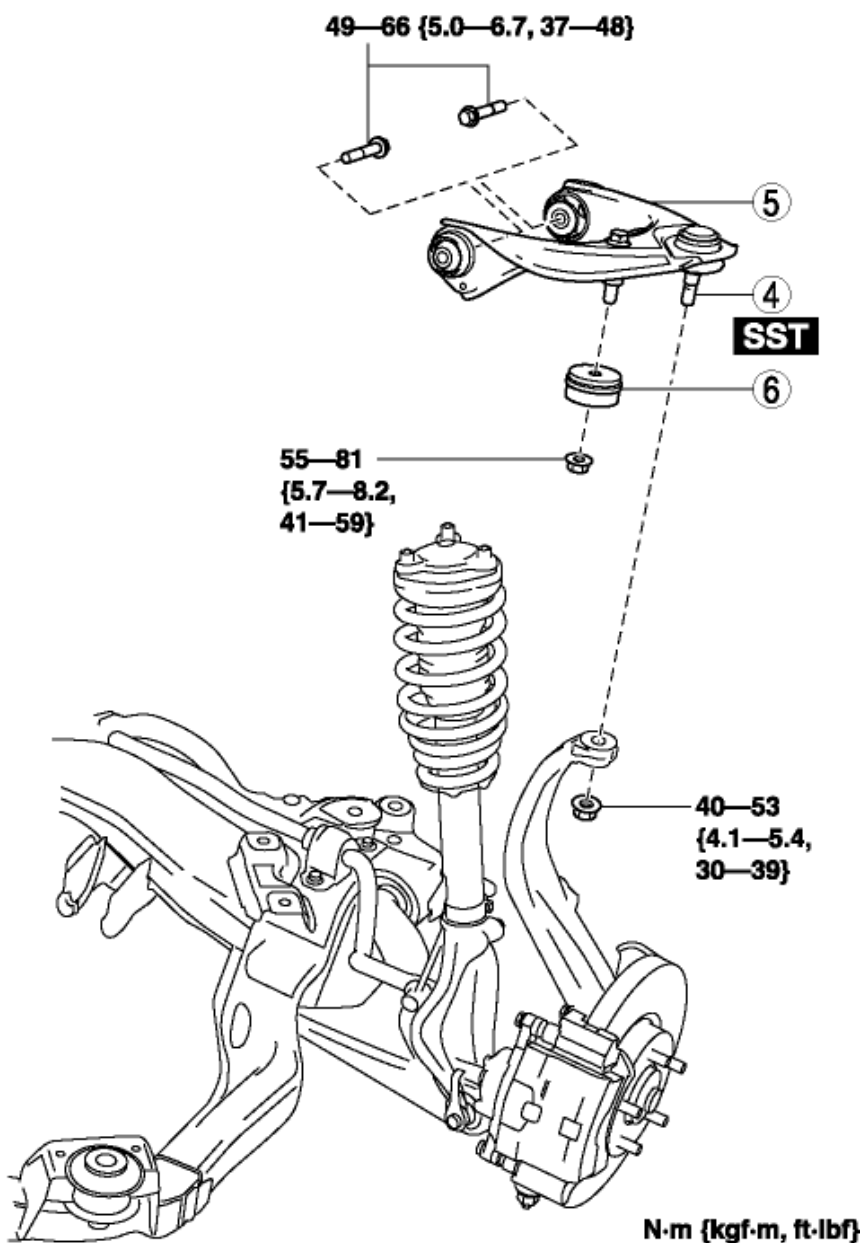
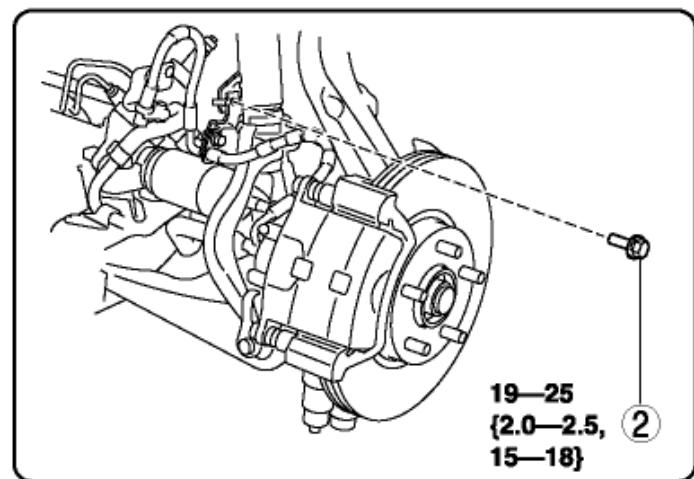
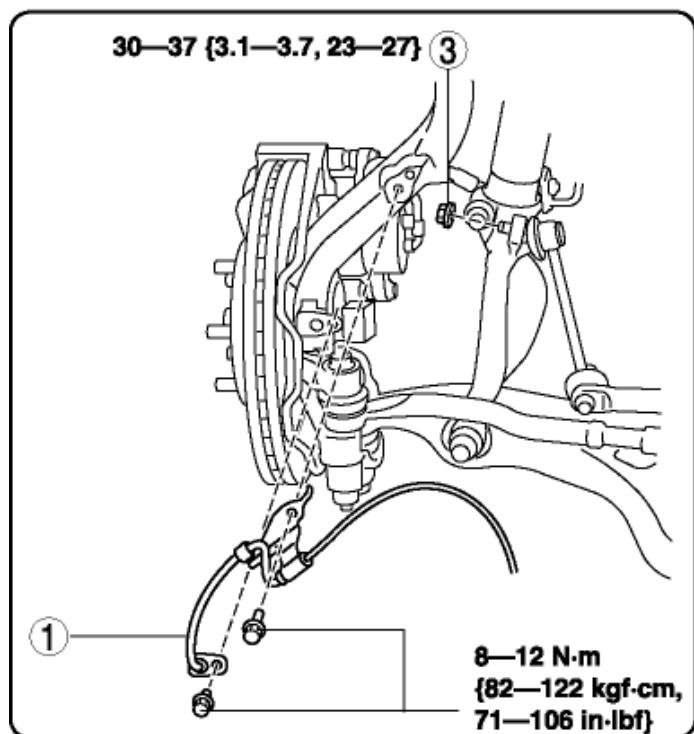
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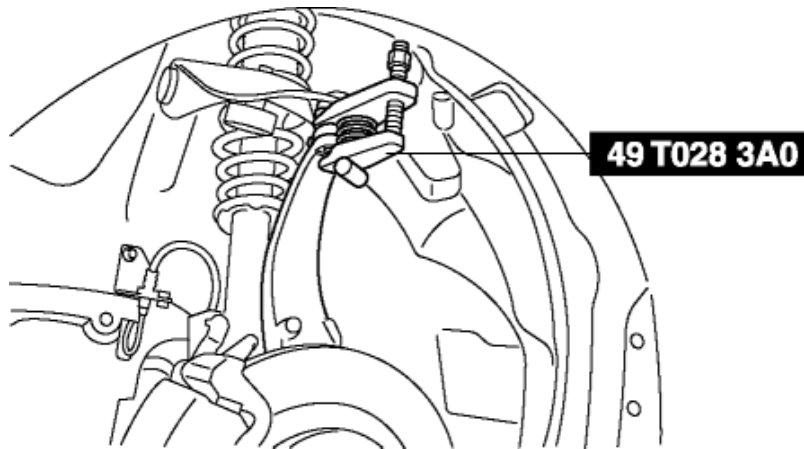
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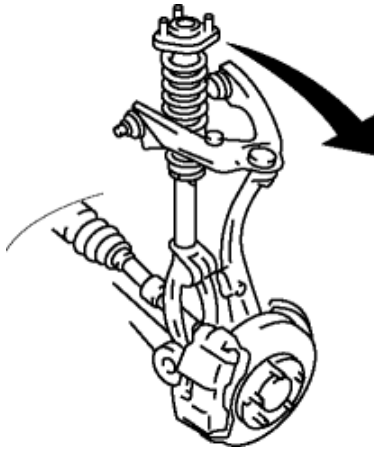
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Front Upper Arm Removal Note

NOTE:

- Pull the front shock absorber and coil spring outward of the vehicle when doing the procedure so as to assure a space for the front upper arm bolt removal.
1. Remove the nuts from the upper part of the front shock absorber.
 2. Pull the front shock absorber and coil spring out of the way, towards the outer side of the vehicle.



3. Remove the bolts.
4. Remove the front upper arm.

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