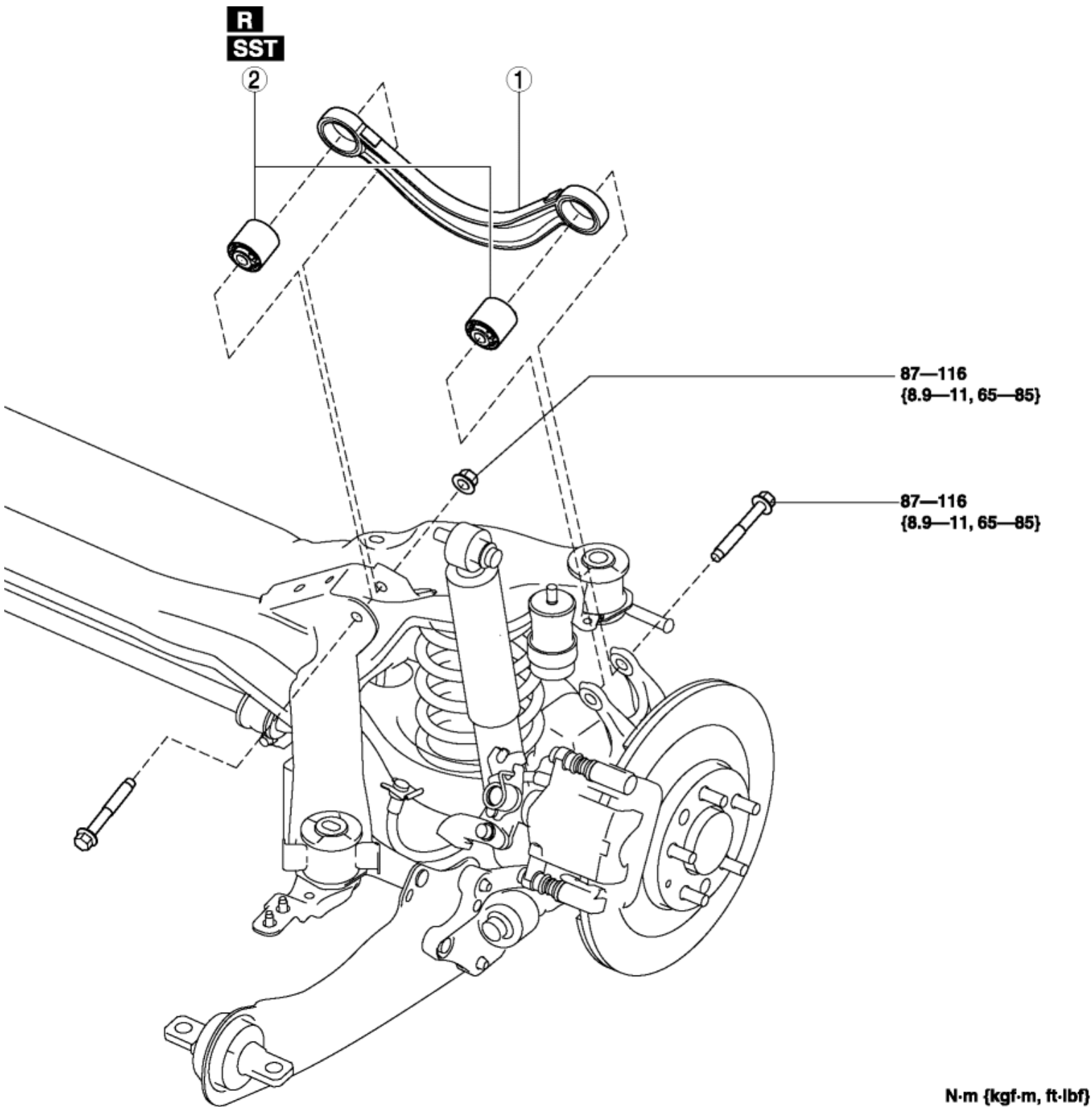


2012 - Mazda6 - Suspension

REAR 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 rear wheel alignment. (See [REAR WHEEL ALIGNMENT](#).)

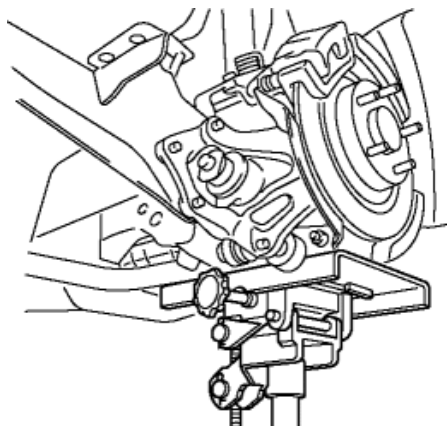


1	Rear upper arm (See Rear Upper Arm Removal Note.) (See Rear Upper Arm Installation Note.)
2	Rear upper arm bushing (See Rear Upper Arm Bushing Removal Note.)

(See [Rear Upper Arm Bushing Installation Note](#).)

Rear Upper Arm Removal Note

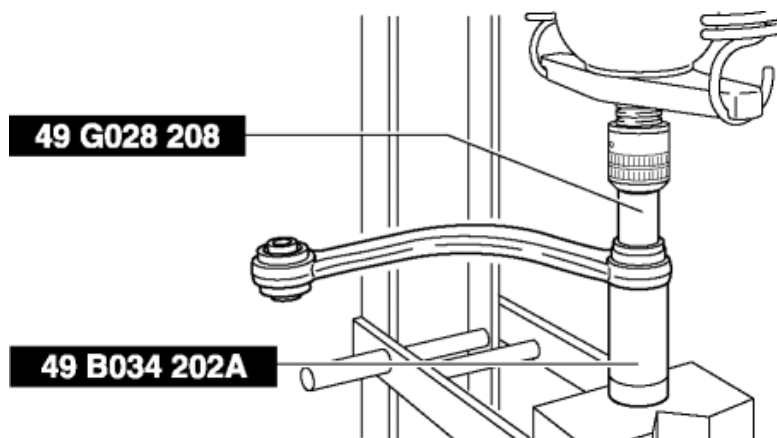
1. Jack up the vehicle to the unloaded condition, and support the trailing link using a jack.



2. Loosen the inner side of the rear upper arm.
3. Remove the outer side of the rear upper arm.
4. Remove the rear upper arm.

Rear Upper Arm Bushing Removal Note

1. Press the upper arm bushing out using the SSTs.

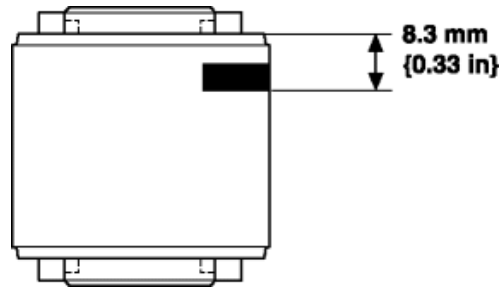


Substitution SST

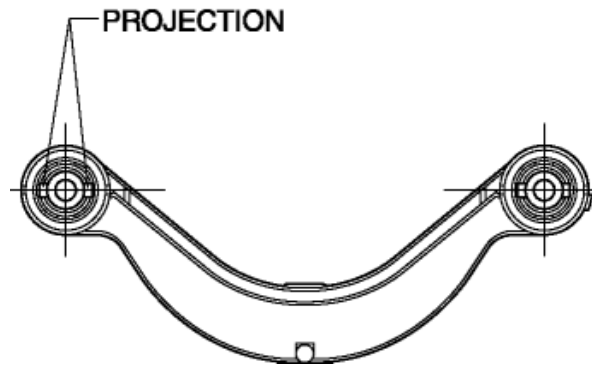
- 49 G028 208
Outer diameter: 36—39 mm {1.42—1.53 in}
Height: 32 mm {1.3 in} or more
- 49 B034 202A
Outer diameter: 46 mm {1.8 in} or more
Inner diameter: 42 mm {1.7 in} or more
Plate thickness: 1 mm {0.04 in} or more

Rear Upper Arm Bushing Installation Note

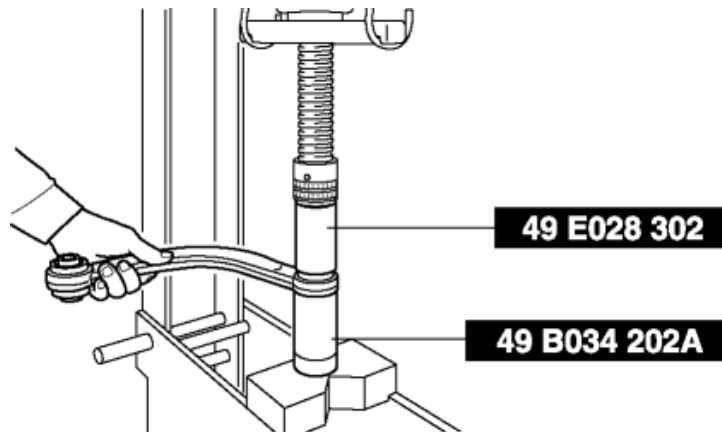
1. Mark the new bushing as shown in the figure.



2. Set the bushing to the rear upper arm as shown in the figure.



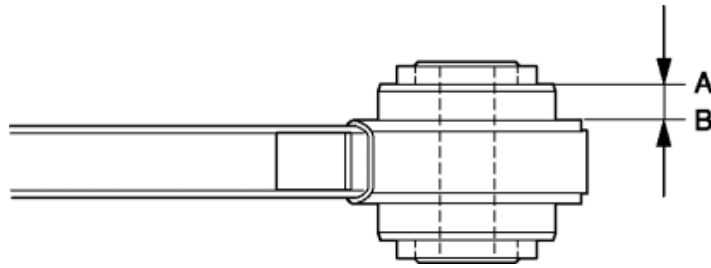
3. Press the bushing in to the marking using the **SSTs**.



Substitution SST

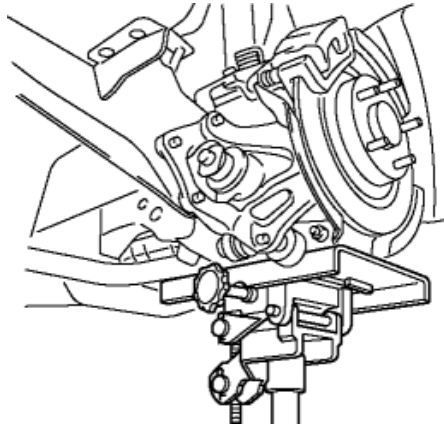
- 49 E028 302
Outer diameter: 36.8—38.8 mm {1.45—1.52 in}
Inner diameter: 24 mm {0.94 in} or more
Height: 32 mm {1.3 in} or more
- 49 B034 202A
Outer diameter: 46 mm {1.8 in} or more
Inner diameter: 42 mm {1.7 in} or more
Plate thickness: 1 mm {0.04 in} or more

4. Verify that clearance distance A—B is **7.7—8.9 mm { 0.31—0.35 in} .**



Rear Upper Arm Installation Note

1. Jack up the vehicle to the unloaded condition, and support the trailing link using a jack.



2. Temporarily tighten the rear upper arm in the order of the axle side and then the rear crossmember side.
3. Tighten the bolts to the specified torque.

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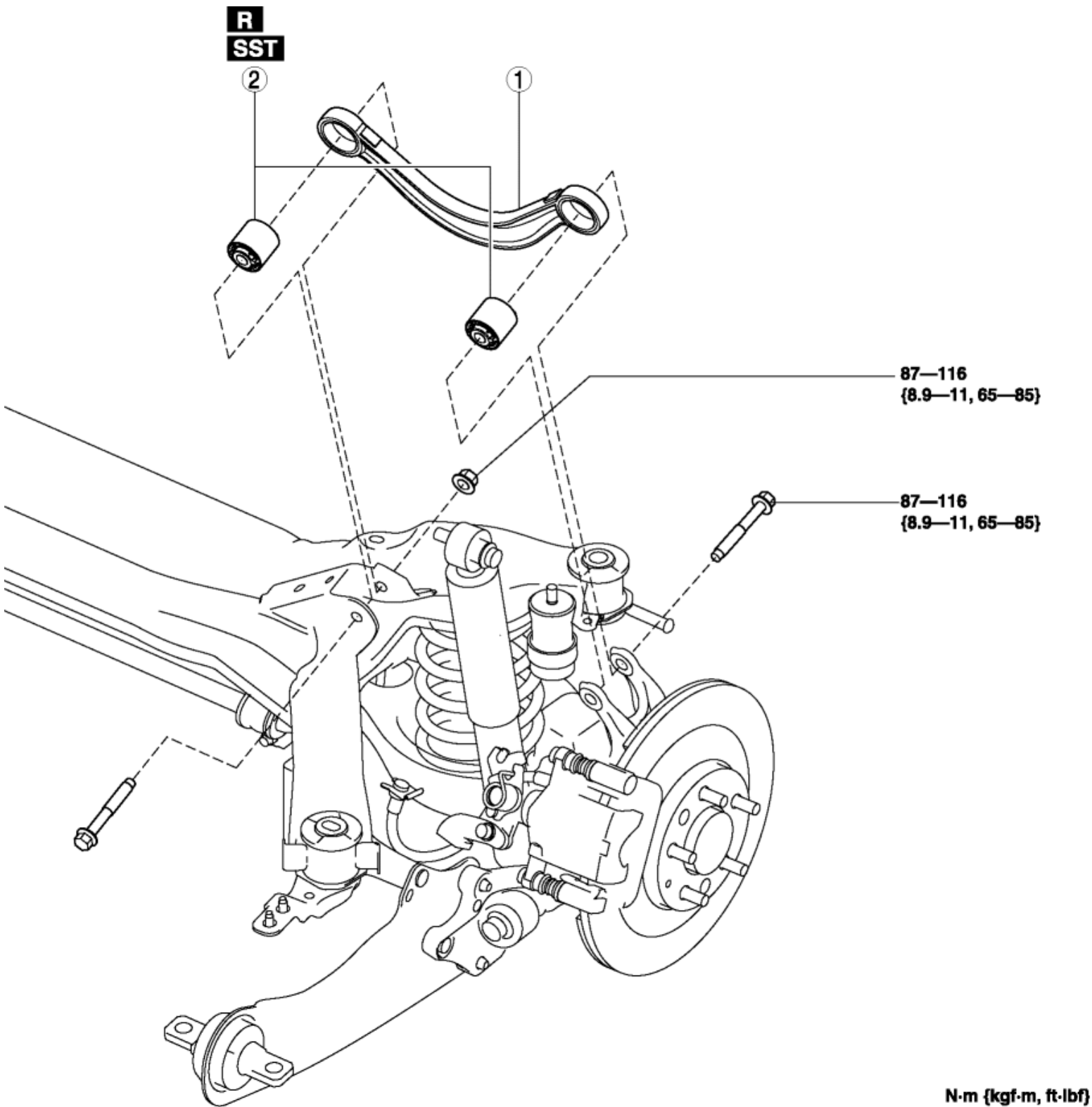
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2012 - Mazda6 - Suspension

REAR UPPER ARM REMOVAL/ INSTALLATION

CAUTION:

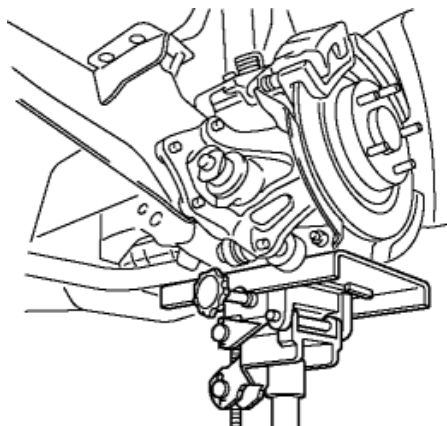
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1. Remove in the order indicated in the table.
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(See [Rear Upper Arm Bushing Installation Note](#).)

Rear Upper Arm Removal Note

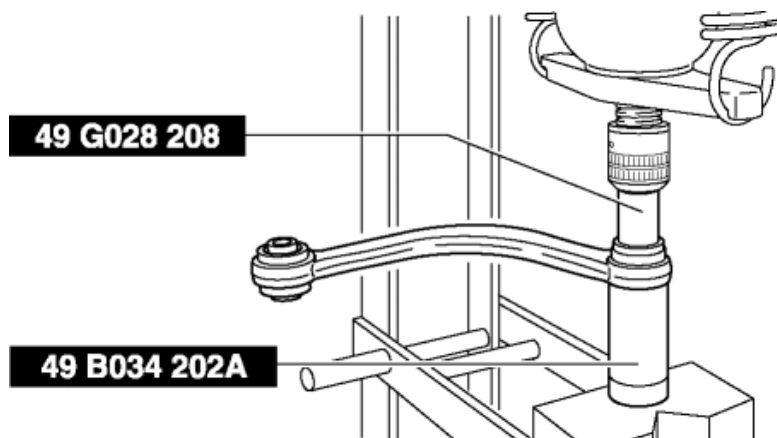
1. Jack up the vehicle to the unloaded condition, and support the trailing link using a jack.



2. Loosen the inner side of the rear upper arm.
3. Remove the outer side of the rear upper arm.
4. Remove the rear upper arm.

Rear Upper Arm Bushing Removal Note

1. Press the upper arm bushing out using the SSTs.

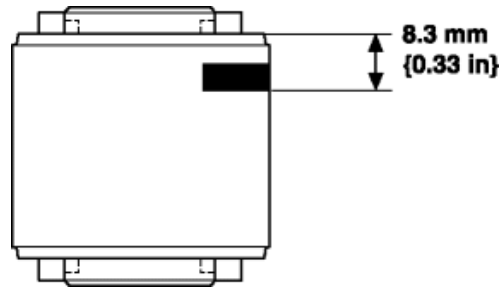


Substitution SST

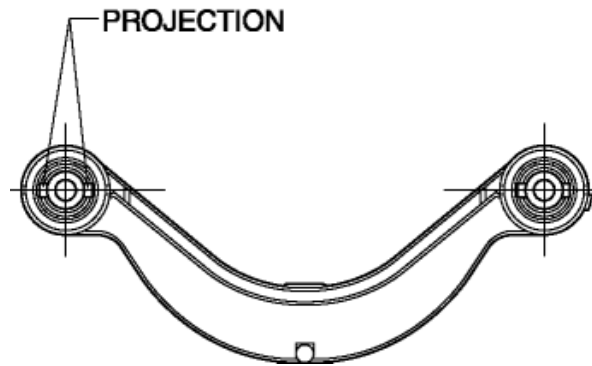
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Plate thickness: 1 mm {0.04 in} or more

Rear Upper Arm Bushing Installation Note

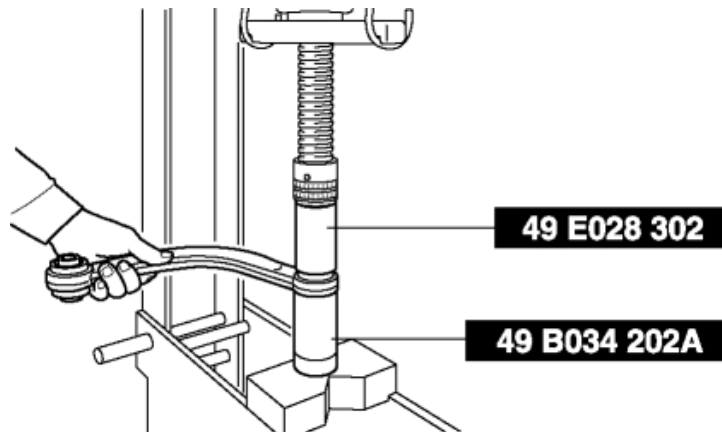
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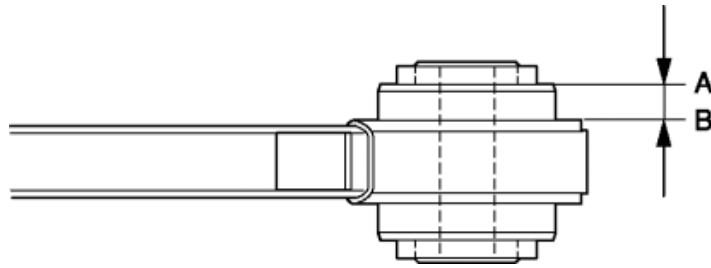
3. Press the bushing in to the marking using the **SSTs**.



Substitution SST

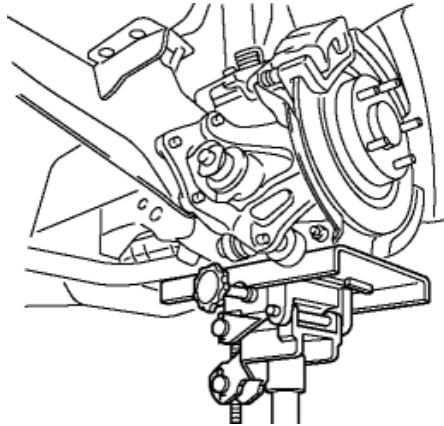
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