

2012 - Mazda6 - Suspension

REAR CROSSMEMBER 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.

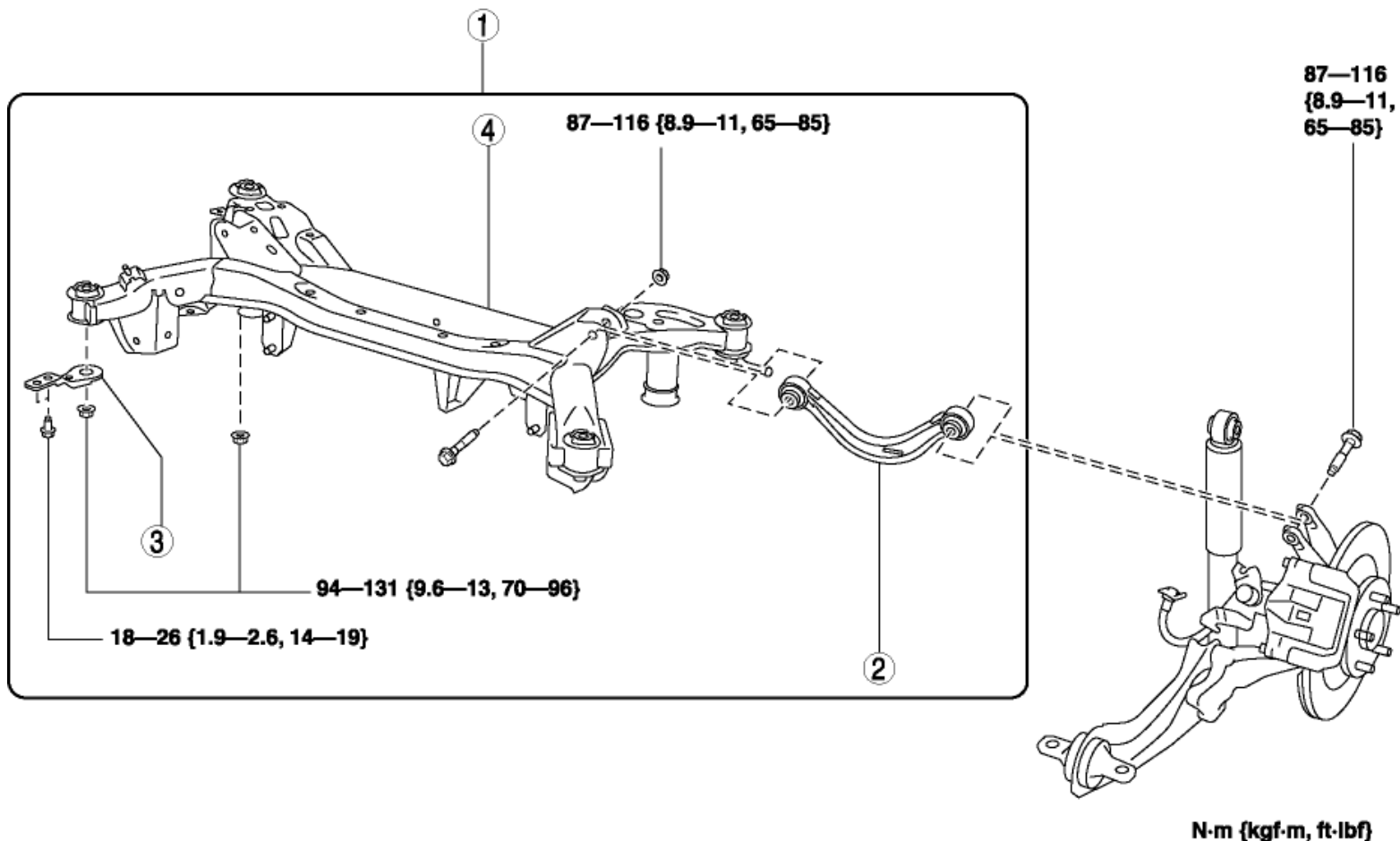
1. Remove the rear ABS wheel-speed sensor, and disconnect the rear ABS wheel-speed sensor harness from the rear trailing link. (See [REAR ABS WHEEL-SPEED SENSOR REMOVAL/ INSTALLATION](#).)
2. Disconnect the exhaust system, and remove the following parts.

For the vehicle with MZR 2.5

1. Disconnect the TWC from the exhaust manifold. (See [EXHAUST SYSTEM REMOVAL/ INSTALLATION \[MZR 2.5\]](#).)
2. Remove the main silencer, middle pipe and TWC as a single unit.

For the vehicle with MZI 3.7 V6

1. Disconnect the presilencer from the front pipe. (See [EXHAUST SYSTEM REMOVAL/ INSTALLATION \[MZI 3.7 V6\]](#).)
 2. Remove the main silencer (LH/RH), middle pipe and presilencer as a single unit.
3. Remove the rear stabilizer. (See [REAR STABILIZER REMOVAL/ INSTALLATION](#).)
 4. Remove the rear coil spring. (See [REAR COIL SPRING REMOVAL/ INSTALLATION](#).)
 5. Remove the rear lower arm. (See [REAR LOWER ARM REMOVAL/ INSTALLATION](#).)
 6. Remove the rear lateral link. (See [REAR LATERAL LINK REMOVAL/ INSTALLATION](#).)
 7. Remove in the order indicated in the table.
 8. Install in the reverse order of removal.
 9. Inspect the rear wheel alignment. (See [REAR WHEEL ALIGNMENT](#).)



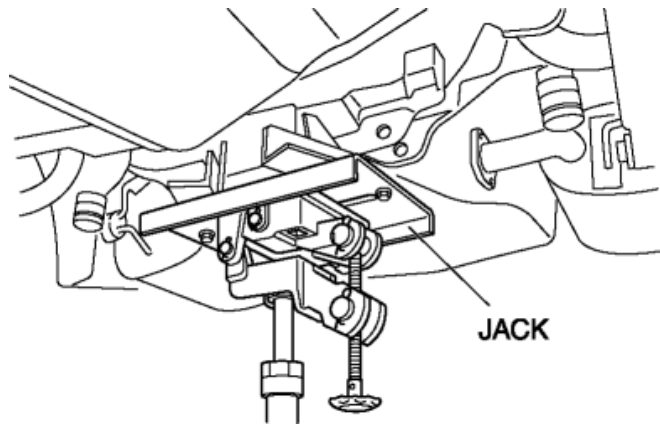
1	Crossmember component (See Crossmember Component Removal Note)
2	Rear upper arm
3	Stopper plate
4	Rear crossmember

Crossmember Component Removal Note

WARNING:

- Removing the crossmember component is dangerous. The crossmember component could fall and cause serious injury or death. Verify that the jack securely supports the crossmember component.

- Loosen the rear upper arm inner side.
- Remove the rear upper arm outer side.
- Support the crossmember component using a jack and remove the nuts.

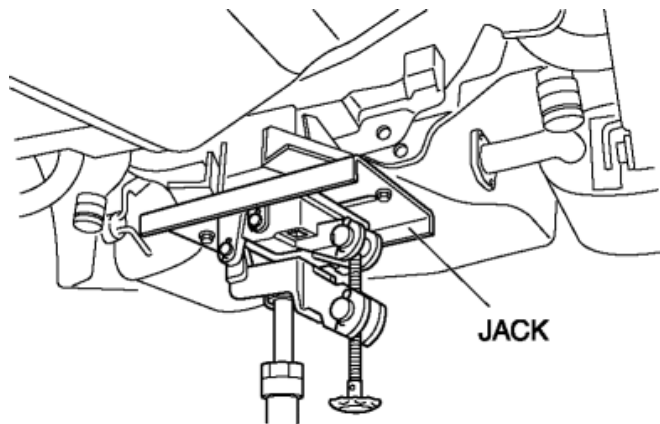


4. Remove the crossmember component.

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2. Install the crossmember component.
3. Install the rear upper arm outer side.

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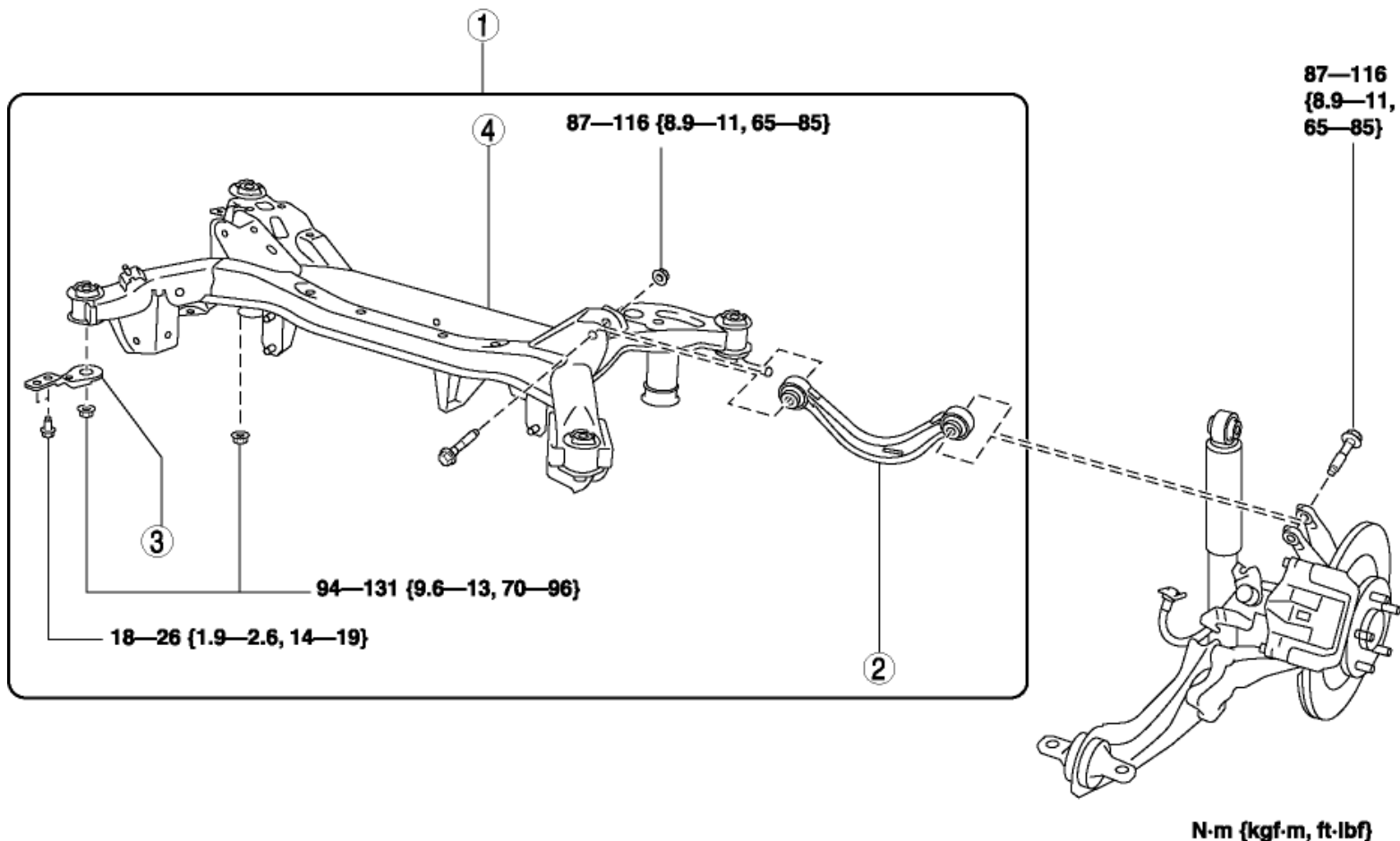
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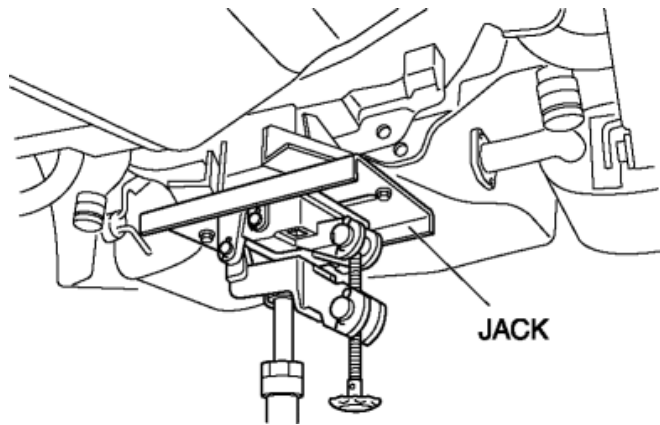
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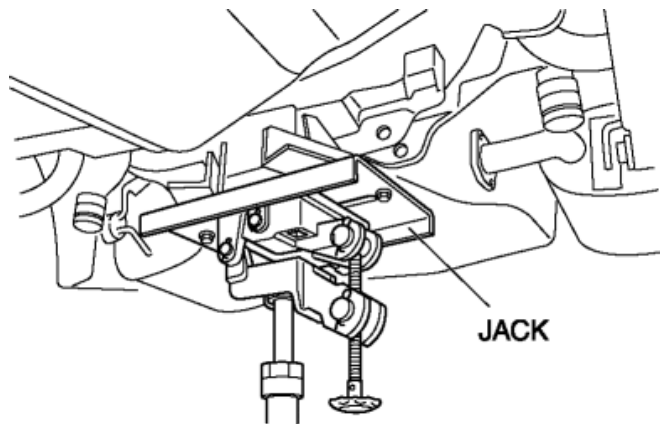


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