
REAR CROSSMEMBER REMOVAL/INSTALLATION [4WD]

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Warning

- **Verify that the rear crossmember is securely supported by a jack. If the rear crossmember falls off, it can cause serious injury or death, and damage to the vehicle.**

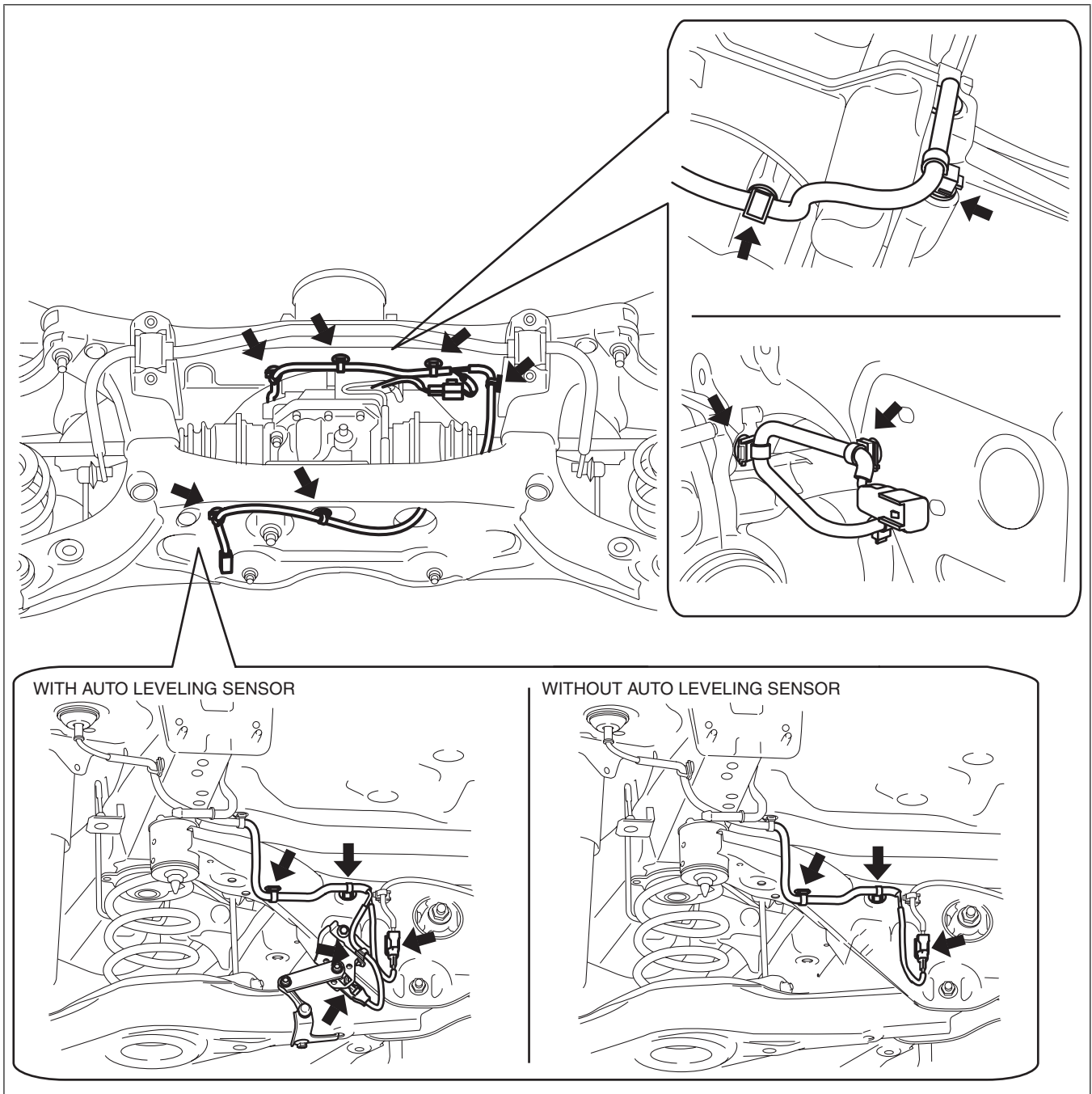
Caution

- **Performing the following procedures without first removing the rear ABS wheel-speed sensor may possibly cause an open circuit in the harness if it is pulled by mistake. Before performing the following procedures, disconnect the rear 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.**

Note

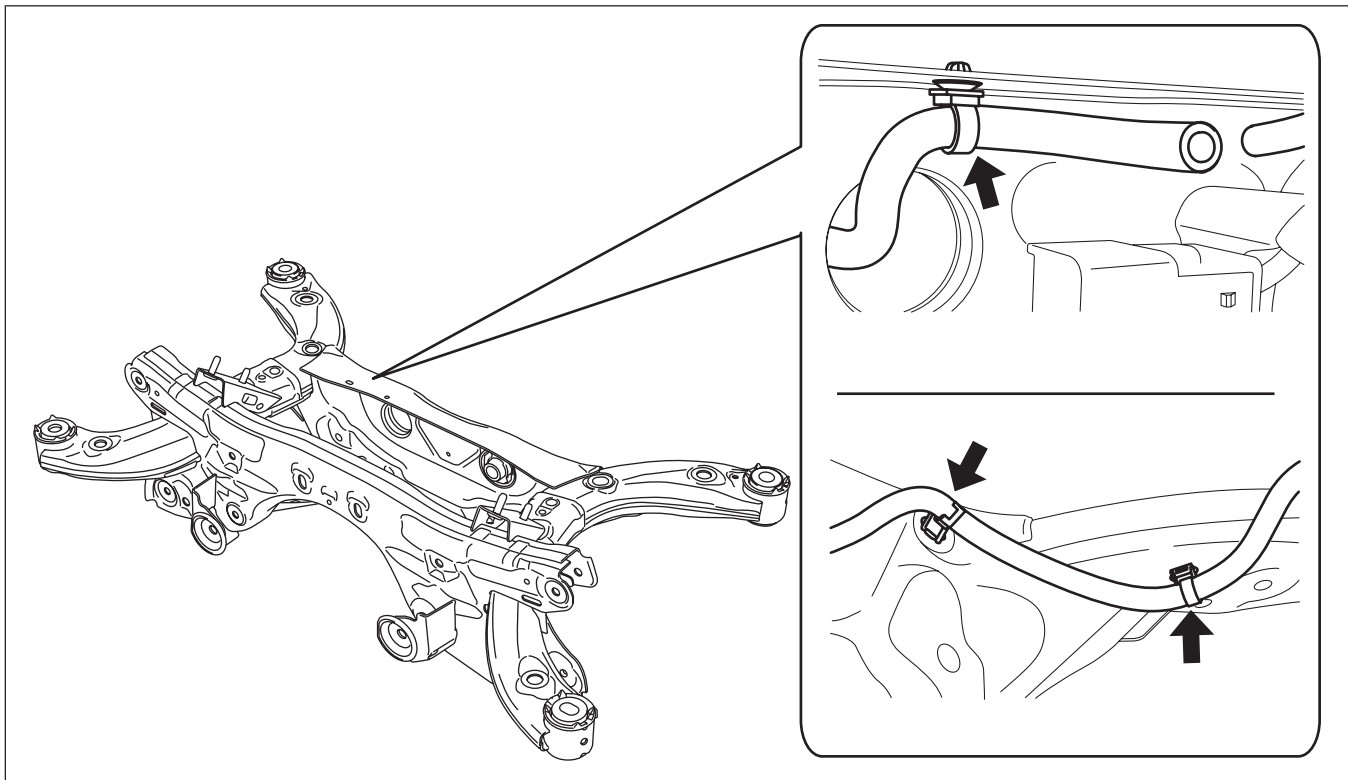
- Mark the position before removing the rear upper arm.
- Align the rear crossmember and rear upper arm markings when installing the rear upper arm.
- Tighten the rear upper arm inner bolt completely before installing the rear crossmember component to the vehicle.

1. Disconnect the wiring harness clips and connectors installed to the rear crossmember.



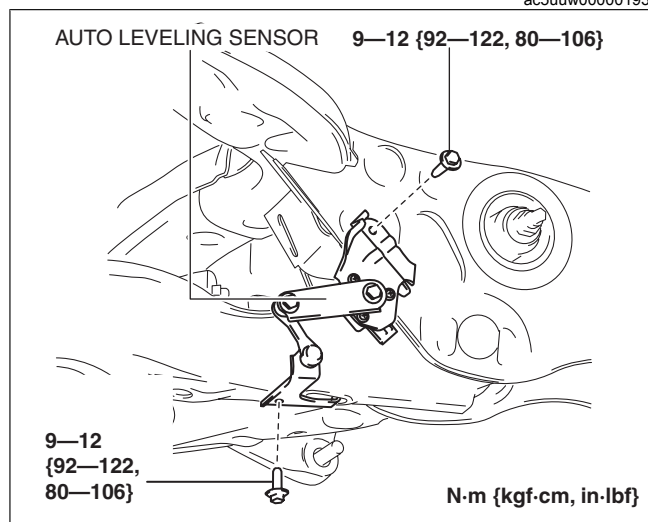
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2. Set the rear differential breather hose aside.



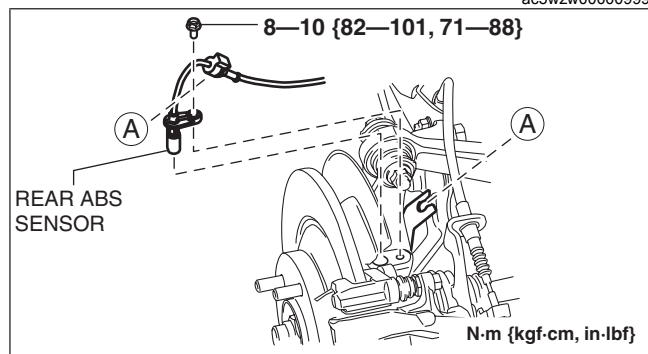
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3. Remove the auto leveling sensor. (With auto leveling sensor) (See AUTO LEVELING SENSOR REMOVAL/INSTALLATION.)



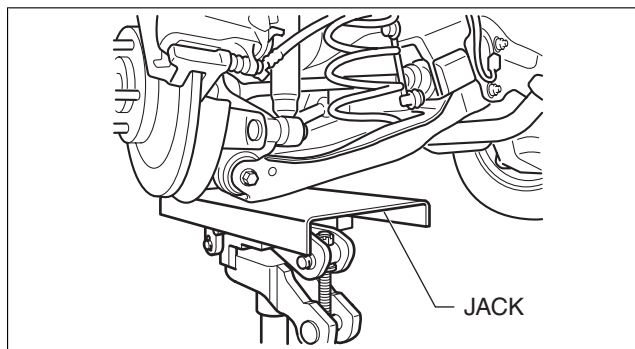
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4. Disconnect the rear ABS wheel-speed sensor wiring harness installed to rear hub support, then move aside the rear ABS sensor. (See REAR ABS WHEEL-SPEED SENSOR REMOVAL/INSTALLATION.)



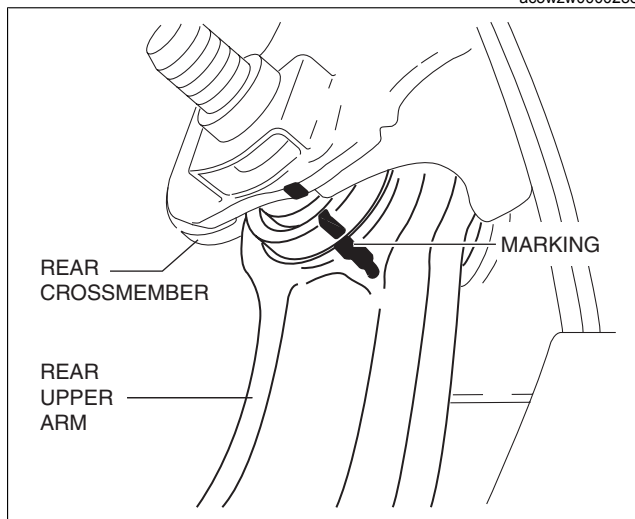
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5. Jack up the vehicle to the unloaded condition, and support the rear trailing link component using a jack.

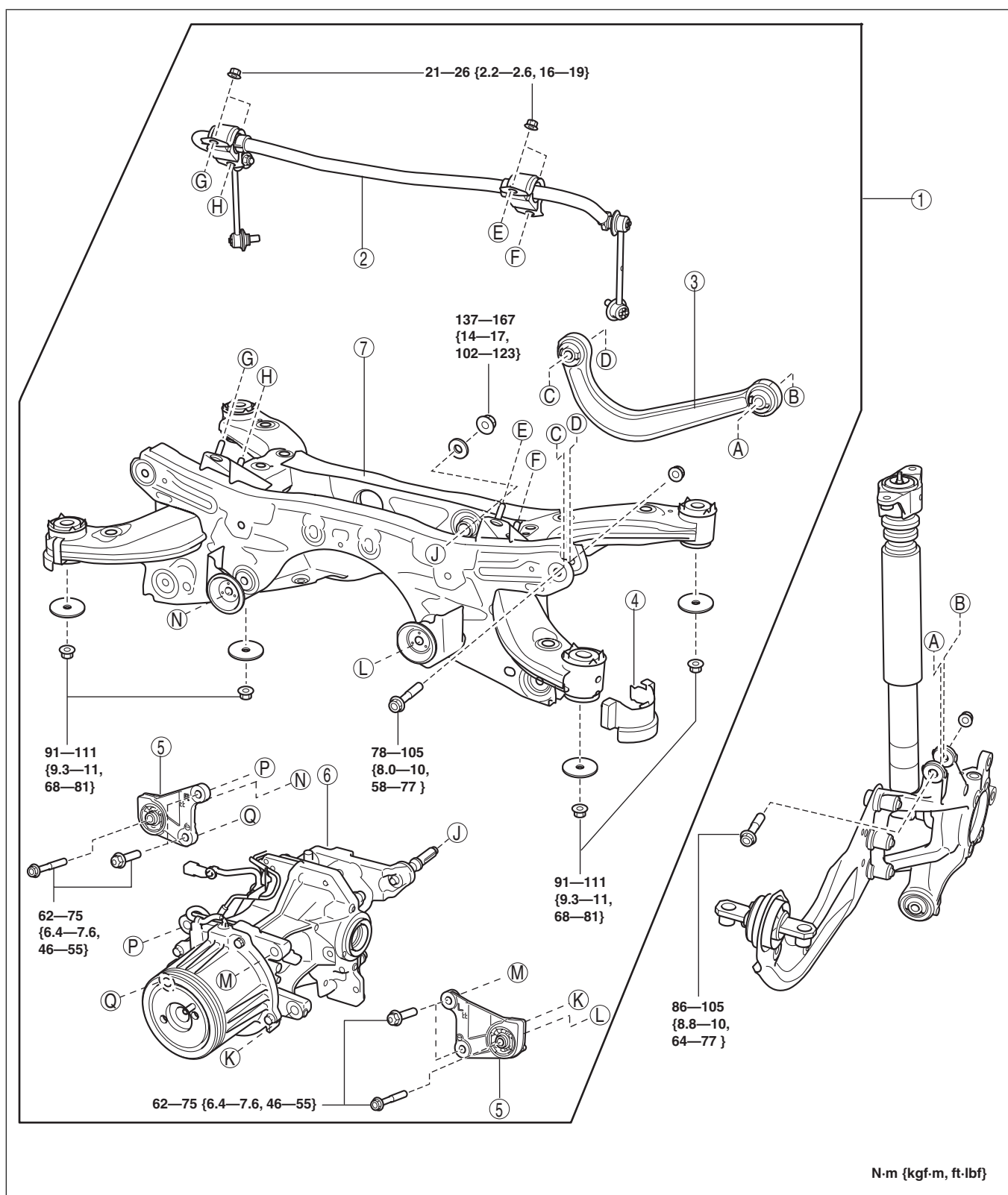


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6. Align the rear crossmember component and rear upper arm and mark them.
7. Remove the propeller shaft. (See PROPELLER SHAFT REMOVAL/INSTALLATION.)
8. Remove the TWC. (SKYACTIV-G 2.0, SKYACTIV-G 2.5) (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)
9. Remove the middle pipe. (SKYACTIV-D 2.2) (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
10. Remove the rear lateral link. (See REAR LATERAL LINK REMOVAL/INSTALLATION.)
11. Remove the rear coil spring. (See REAR COIL SPRING REMOVAL/INSTALLATION.)
12. Remove the rear lower arm. (See REAR LOWER ARM REMOVAL/INSTALLATION.)
13. Remove the rear drive shaft. (See REAR DRIVE SHAFT REMOVAL/INSTALLATION.)
14. Remove in the order indicated in the table.
15. Install in the reverse order of removal.
16. Inspect the wheel alignment and adjust it if necessary. (See REAR WHEEL ALIGNMENT.)



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1	Rear crossmember component (See Rear Crossmember Component Removal Note.) (See Rear Crossmember Component Installation Note.)
2	Rear stabilizer component
3	Rear upper arm (See REAR UPPER ARM REMOVAL/ INSTALLATION [4WD].)

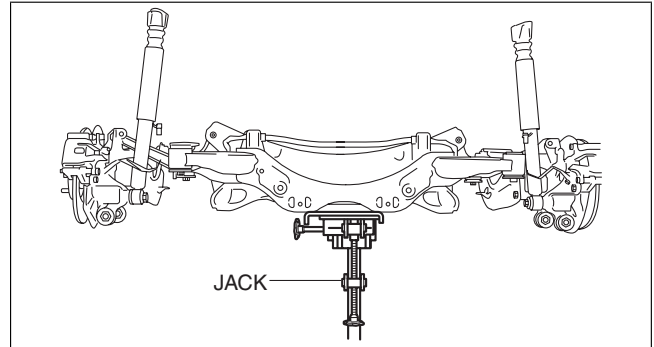
4	Rear crossmember mudguard
5	Front differential mounting rubber (See REAR DIFFERENTIAL REMOVAL/ INSTALLATION.)
6	Rear differential (See REAR DIFFERENTIAL REMOVAL/ INSTALLATION.)
7	Rear crossmember

Rear Crossmember Component Removal Note

Warning

- **Verify that the rear crossmember is securely supported by a jack. If the rear crossmember falls off, it can cause serious injury or death, and damage to the vehicle.**

1. Support the rear crossmember with the jack and remove the nut.
2. Remove the rear crossmember component.



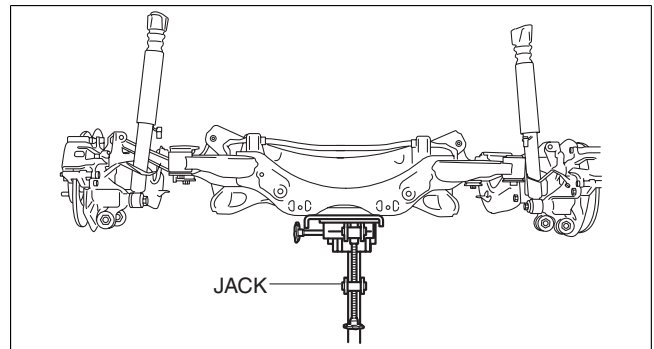
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Rear Crossmember Component Installation Note

Warning

- **Verify that the rear crossmember is securely supported by a jack. If the rear crossmember falls off, it can cause serious injury or death, and damage to the vehicle.**

1. Support the rear crossmember component and install the rear crossmember.



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