

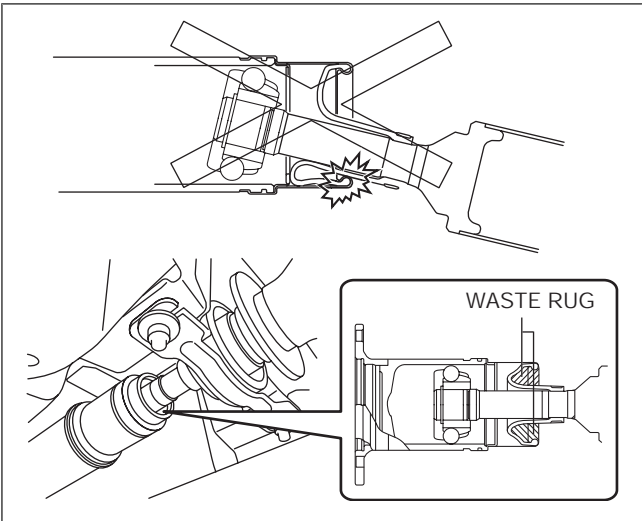
# PROPELLER SHAFT REMOVAL/INSTALLATION

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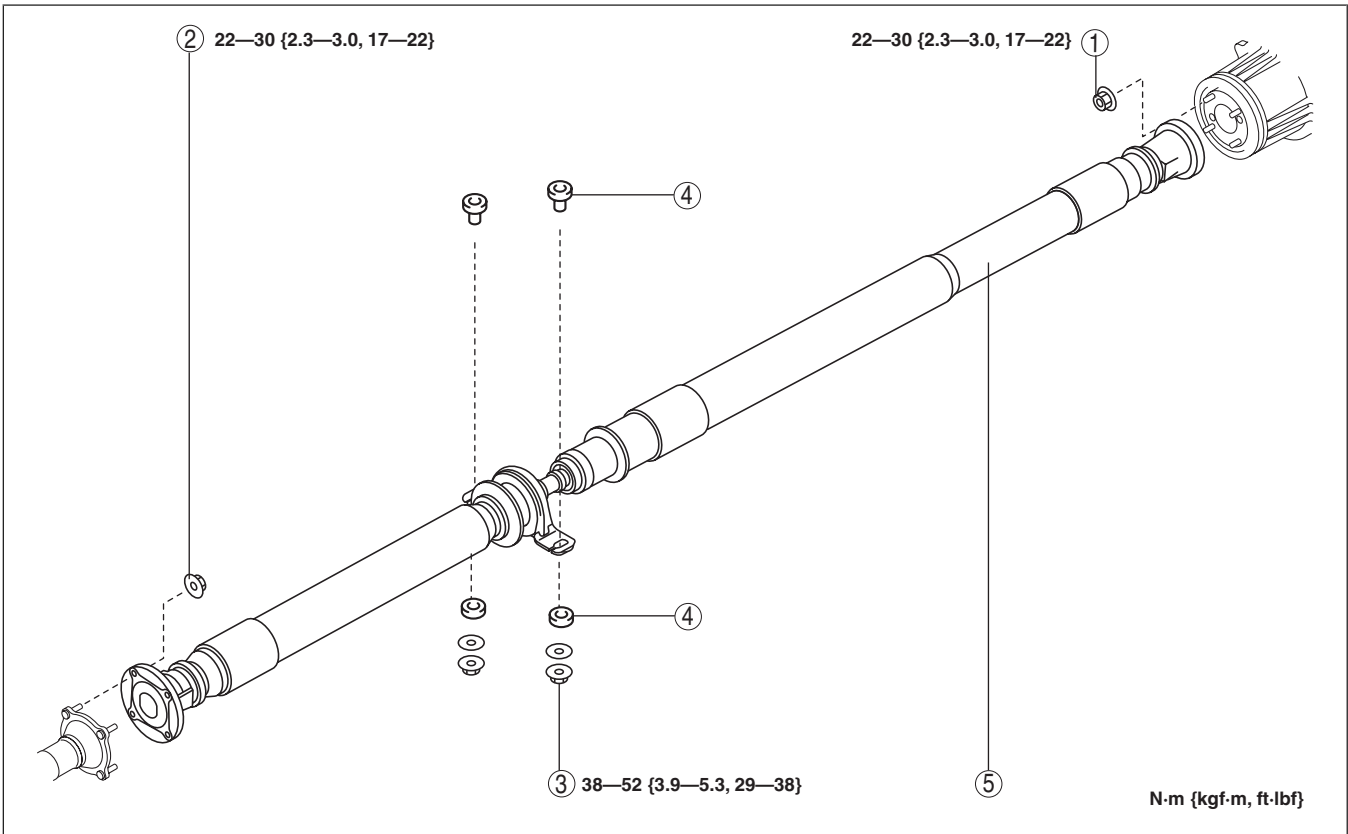
## Caution

- If the constant velocity joint is bent during propeller shaft removal/installation or transportation after servicing, the constant velocity joint boot may contact the metallic cover and the boot may be damaged. Insert a rag between the boot and the metallic cover before servicing to protect the boot

1. Remove the floor under cover. (See FLOOR UNDER COVER REMOVAL/INSTALLATION.)
2. Remove the center under cover.(See CENTER UNDER COVER REMOVAL/INSTALLATION.)
3. Remove the insulator (exhaust system). (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
4. Remove the tunnel member. (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
5. Remove the brace bar. (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See EXHAUST SYSTEM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
6. Remove in the order indicated in the figure.
7. Install in the reverse order of removal.



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1	Nut (rear)
2	Nut (front)
3	Nut (center bearing support)
4	Bush, spacer

5	Propeller shaft (SeePropeller Shaft Removal Note.) (SeePropeller Shaft Installation Note.)
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## Propeller Shaft Removal Note

### Caution

- Do not mark with a punch to prevent imbalance.

1. Before removing the nut, place alignment marks on the companion flange (front) and constant velocity joint, and on the coupling component (rear) and yoke.
2. Loosen the nuts (front, rear, center bearing support).
3. Remove the front and rear nuts.

### Caution

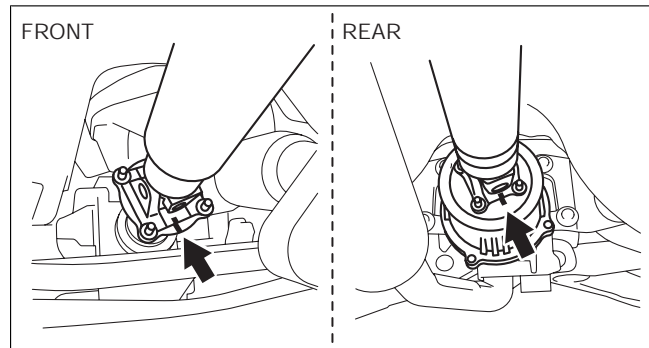
- Propeller shaft is attached to the stud.

4. Press the propeller shaft and remove it from the rear side.

### Caution

- Do not bend the propeller shaft to the extent that it interferes with the boot.

5. Remove the center bearing support nut, then remove the propeller shaft

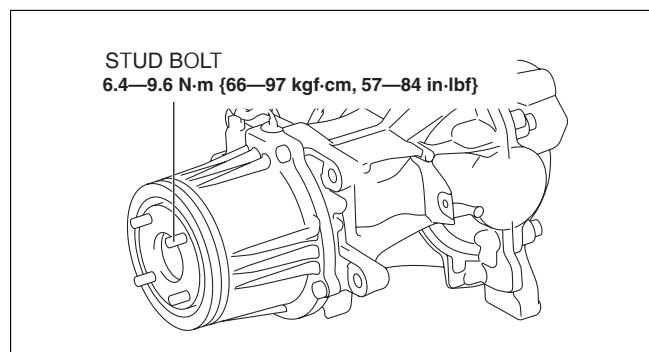


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## Propeller Shaft Installation Note

### Caution

- If the nuts are loosened, verify that the stud bolt tightening torque against the coupling is 6.4 N·m {65 kgf·cm, 57 in·lbf} or more. If the tightening torque is less than 6.4 N·m {65 kgf·cm, 57 in·lbf}, tighten the stud bolt with 6.4—9.6 N·m {66—97 kgf·cm, 57—84 in·lbf}.
- When loosening the nut, if a nut is stuck to a stud bolt, replace the stud bolt with a new one.
- When replacing the stud bolts, clean off oil and foreign matter on the bolts and coupling installation areas in advance.



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### Note

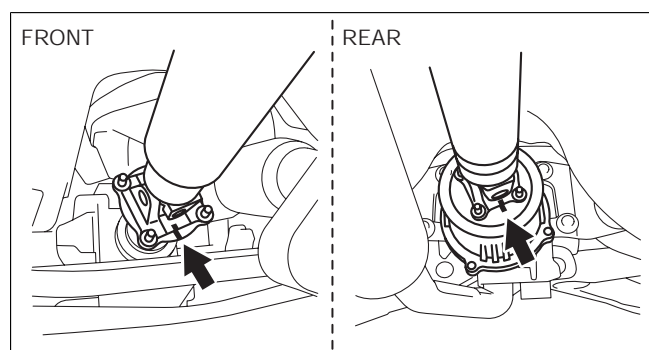
- The stud bolts are entirely threaded with no front/rear distinction.

1. Degrease the tightening area.
2. Align the alignment marks, and temporarily install the nuts (front, rear, center bearing support).

### Caution

- Do not bend the propeller shaft to the extent that it interferes with the boot.

3. Tighten the nut (front) with specified torque first, and then install the other nuts.
4. Perform a road test and verify that there is no abnormal vibration or noise.



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