

GROUP 25

PROPELLER SHAFT

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GENERAL INFORMATION

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The 2-piece, 3-joint type propeller shaft with a center bearing is adopted.

It has the following features:

- The DOJ, which is of less sliding resistance, is used for the No.2 joint to reduce idling vibration.
- An insulator is installed to the vehicle body joint of the center bearing to reduce vibration.

- Inside the rear propeller shaft, the dynamic damper is integrated to reduce a booming noise caused by the resonance at high engine speeds.
- Adopting the friction welding method, the installation structure is streamlined to reduce weight.
- Lead-free grease is used for the universal joint.

SPECIFICATIONS

Item			Specification
Propeller shaft	Type		2-piece, 3-joint type propeller shaft
	Length* x Outer diameter mm (in)	Front	708.6 × 65 (27.9 × 2.56)
		Rear	1178.9 × 75 (46.4 × 2.95)
Universal joint	Type	No.1	Cross type (caulking method)
		No.2	Constant velocity type (DOJ)
		No.3	Cross type (caulking method)
	Bearing		Needle roller bearing (maintenance-free type)

NOTE: *: Indicates the distance between each joint center.

CONSTRUCTION DIAGRAM

