PROPELLER SHAFT

3310-01

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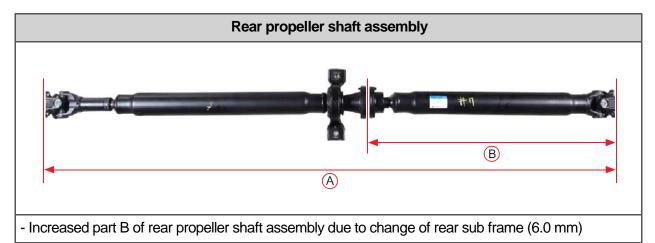
GENERAL INFORMATION

1. SPECIFICATIONS

Descrip	tion		Specification	
Structure			Universal joint with yoke arm and spider and CV joint	
Front propeller shaft (4WD)			One universal joint and one CV joint	
Rear propeller shaft			Two universal joint and one CV joint	
Run-out			below 0.4 mm	
Unbalance			Max. 18g·cm / 4,500rpm	
Length of front propeller shaft	4WD	A/T	531.2 ± 1.0 mm	
Length of rear propeller shaft 2WD	M/T	1892.1 ± 2.0 mm		
	2000	A/T	1975.1 ± 2.0 mm	
	4WD	A/T	1593.1 ± 2.0 mm	

ABS

2. MAJOR CHANGES



Specifications	M/T 2WD		A/T 2WD		A/T 4WD	
Item	Old	New	Old	New	Old	New
A (mm)	1886.1	1892.1	1969.1	1975.1	1587.1	1593.1
B (mm)	769.5	775.5	769.5	775.5	769.5	775.5

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OVERVIEW AND OPERATING PROCESS

1. OVERVIEW

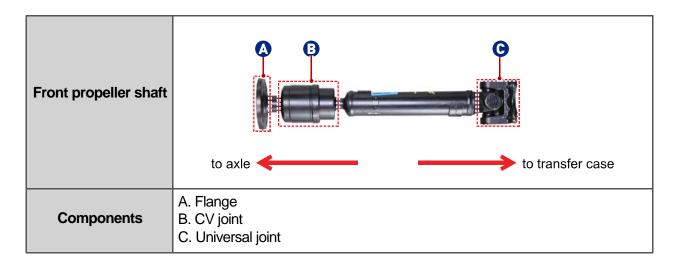
The propeller shaft transfers the power through the transmission and transfer case to the front/rear axle differential carrier (final reduction gear). It is manufactured by a thin rounded steel pipe to have the strong resisting force against the torsion and bending. Both ends of propeller shaft are connected to the spider and the center of propeller shaft is connected to the spline to accommodate the changes of the height and length. The rubber bushing that covers the intermediate bearing keeps the balance of rear propeller shaft and absorbs its vibration.

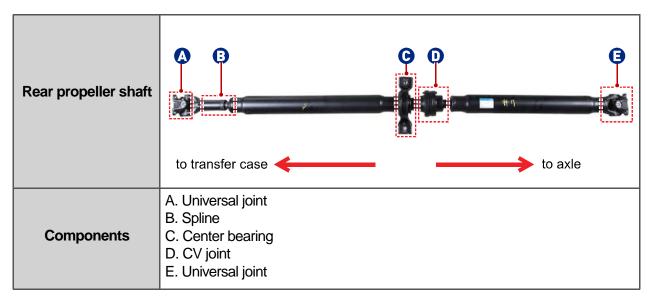
► Function of propeller shaft

- Transmits driving torque.
- Compensates the angle change (universal joint / CV joint).
- Compensates the axial length change (splines for the slip joint).

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4WD AT	2WD MT	

Modification basis	
Application basis	
Affected VIN	





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