

AWD**3270-01****GENERAL INFORMATION****1. SPECIFICATIONS**

Categor	Item	Specifications		
		A/T-G16DF	A/T-D16DTF	M/T
PTU (Power transfer unit)	Gear ratio	2.53	2.533	1.333
	Numbers of hypoid gear (Ring gear/pinion gear)	34/19	38/15	28/21
	Numbers of helical gear (Input shaft/idle shaft)	41/29	-	-
	Oil specification	80W-90 API GL5		
	Oil volume	Approx. 0.6ℓ	Approx. 0.25ℓ	Approx. 0.5ℓ
	Weight (including fluid)	16.0kg	11.8kg	10.8kg
E-coupling	Operation type	Electronic magnetic		
	Torque capacity	Max. 800Nm		
	Whole length	154.95mm		
	Spline	Input (external): 21T / output (internal): 21T		
	Input flange type	Rubber coupling 3-lobe		
	Connector type	2-pin		
	Weight	5.985kg		
	Oil specification	AMSOIL FTH2-1		
	Oil capacity	100 ± 5 mL		
E-coupling control unit	Operation mode	4WD AUTO / 4WD LOCK		
	Communication mode	CAN communication		
	Diagnostic mode	CAN diagnosis		
	Weight	230g		
	Size	160 x 87 x 37mm		
4WD LOCK switch	Type	Self return		

Modification basis	
Application basis	
Affected VIN	

AWD

TIVOLI 2016.03

AISIN 6
SPEED6-SPEED
M/T

CLUTCH

PROPELLER

DRIVE
SHAFT

AWD

SUSPENSION

BRAKE
SYSTEM

ESP

ABS

ELECTRIC
POWERWHEEL
AND TIRE

TPMS

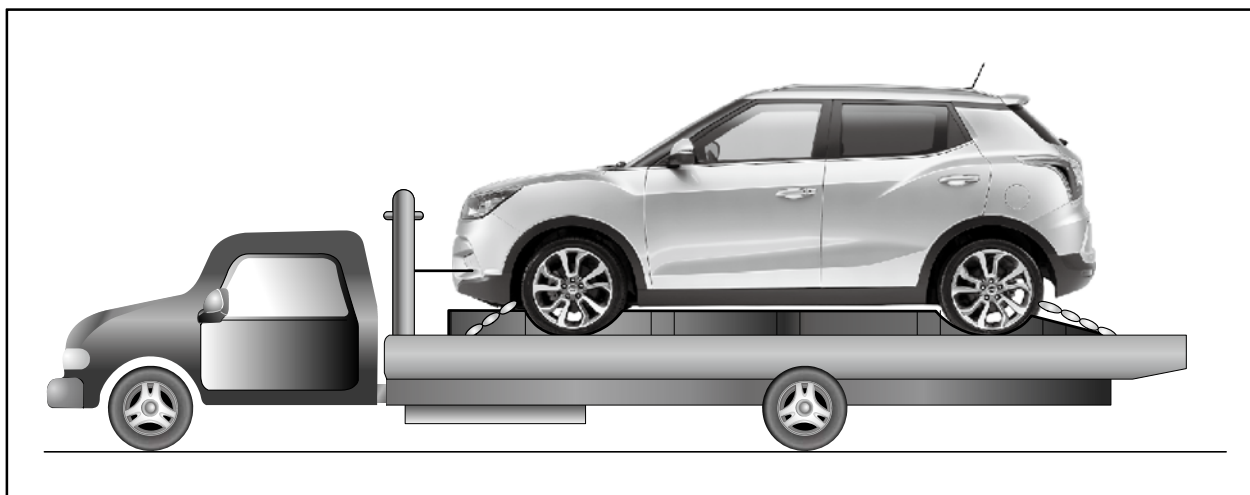
SUB
FRAME

2.NOTICES

1) Towing Vehicle

The best way to transport the vehicle is to load it to a truck and transport it, especially if the vehicle is 4WD.

If towing the vehicle with the rear propeller shaft connected in place, the E-coupling's clutch could be damaged.



2) Work On Vehicle Using Lift



When working on the vehicle using a lift, do not run the tires with all the wheels off the ground and the parking brake applied, as this may damage the E-coupling's clutch.

Modification basis	
Application basis	
Affected VIN	