

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

Category	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
MT

CLUTCH

PROPELL
ERDRIVE
SHAFT

AWD

SUSPENS
IONBRAKE
SYSTEM

ESP

ABS

ELECTRI
C POWERWHEEL
AND TIRE

TPMS

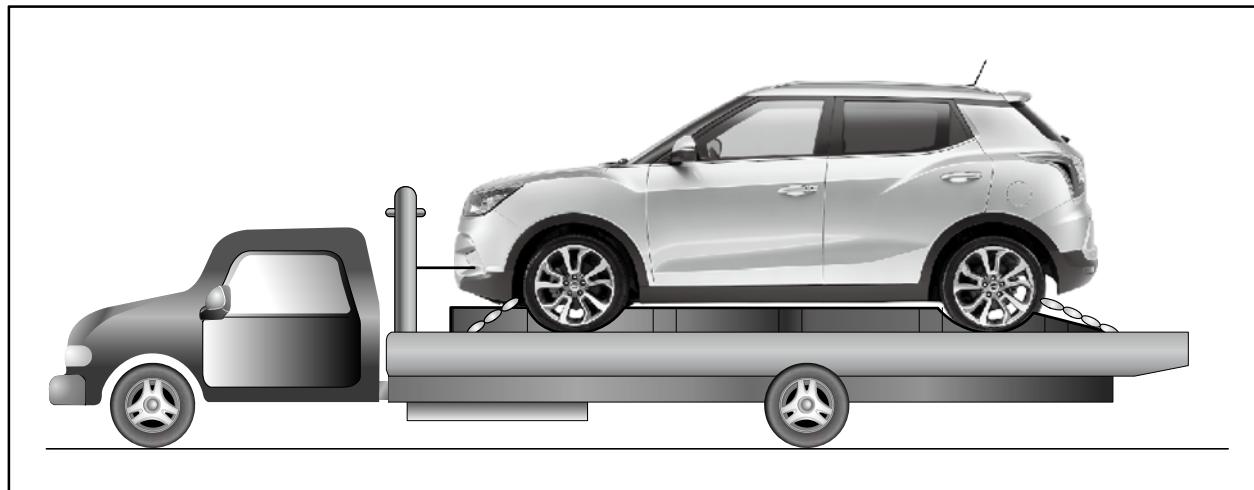
SUB
FRAME

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	