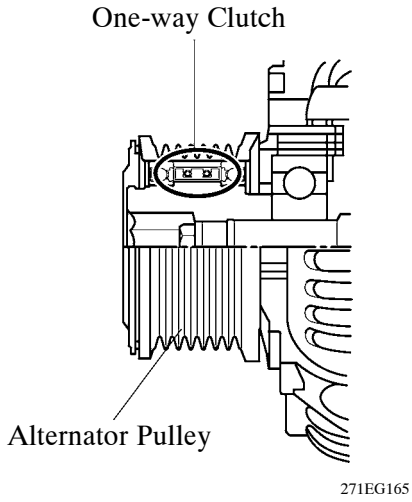
- A one-way clutch function has been provided in the pulley of 2 type alternators to absorb the fluctuations in the engine speed, thus significantly reducing the damage sustained by the drive belt.



Service Tip

SST (09820-63020) has been established due to the use of a pulley with the one-way clutch function. For details, refer to the Hilux Repair Manual.

■STARTING SYSTEM

- A planetary reduction type starter with an interpolar magnet (DW2.2 type) or a conventional reduction type starter (RA2.0, R2.2 and R2.7 types) is used.
  For the type of starter used, see the table below:

Vehicle Model	Starter Type
TMT made models with 2KD-FTV and 2KD-FTV High Version engines (except models with cold area specification)	RA2.0
Models for Pakistan	
Models for Malaysia with manual transmission	
Extra cab models for South Africa with 2KD-FTV engine	
TMT made models with 1KD-FTV engine	R2.2
TSAM made extra cab models with 1KD-FTV engine	
TSAM made double cab models with 1KD-FTV engine with automatic transmission	
TASA made models with automatic transmission	
Models with cold area specification	R2.7
Models for Malaysia with automatic transmission	
TSAM made single cab and double cab models with manual transmission (except models with cold area specification)	DW2.2
TDV made	
TASA made models with manual transmission	

- For details of the interpolar magnet, see page EG-30.