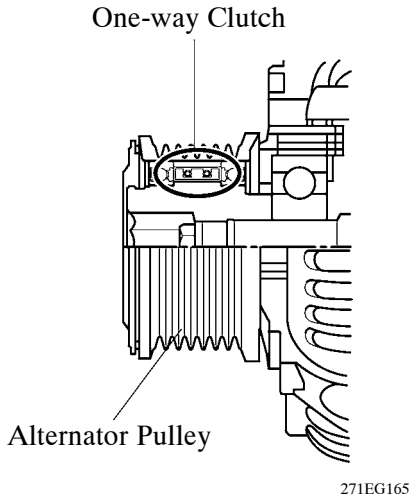
- A one-way clutch function has been provided in the pulley of 2 type alternators to absorb the fluctuations in the engine speed, thus significantly reducing the damage sustained by the drive belt.




**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.