

Chapter 8

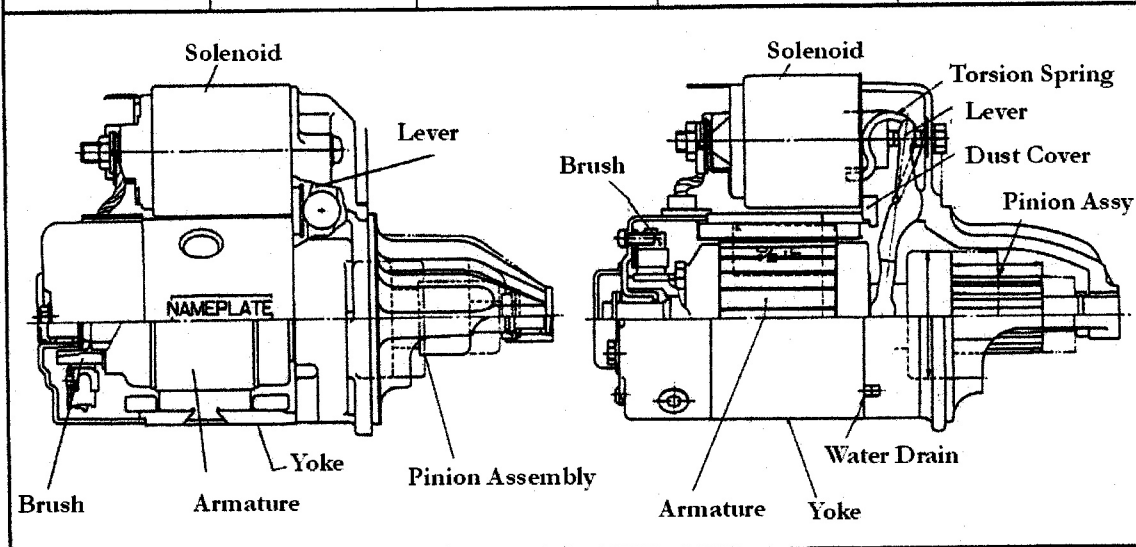
Starter & Alternator

- 5. Starter Specifications –Hitachi Series-Mitsubishi Series**
- 6. Starter Overhaul Diagrams**
- 7. Alternator Specifications- Mitsubishi Series-Denso Series**
- 8. Alternator Diagram**

Starter Specifications

Subaru 660cc

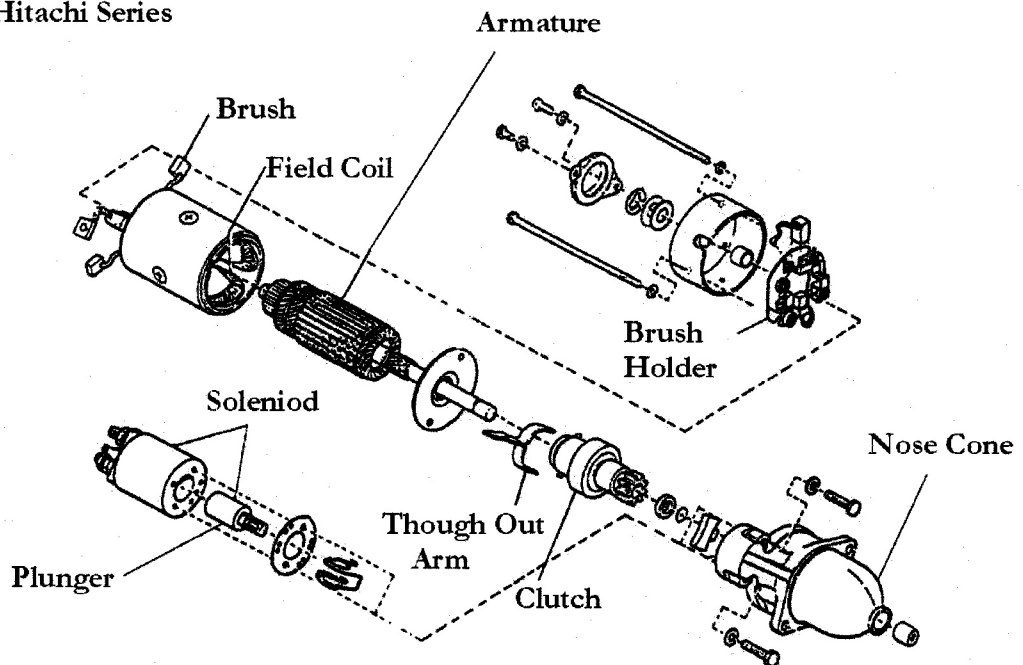
Maker		Hitachi	Mitsubishi Electric	
Makers Part Number		S114-435	M ₂ T, 7281	M ₂ T, 2581
Voltage		12V	12V	←
Voltage Draw		0.65kW	0.65kW	0.75kW
Turn Direction		Left	Left	←
Pinion Teeth		8	8	←
Body Length		211.5mm	204mm	209mm
Yoke		φ90mm	φ90	←
Unit Weight		3.5kg	3.2kg	3.6kg
Motor	Volt Draw	11.5V	←	←
	AMP	40A(Less)	53A(Less)	←
	RPM	5000RPM	7000RPM	6000RPM



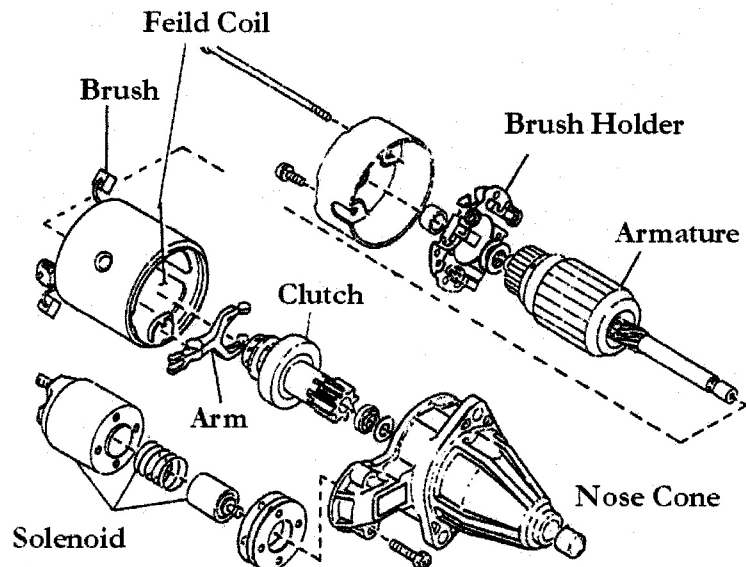
English Diagram

Starter Motor

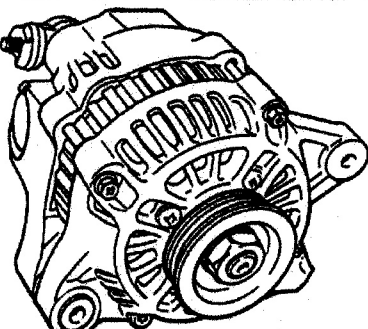
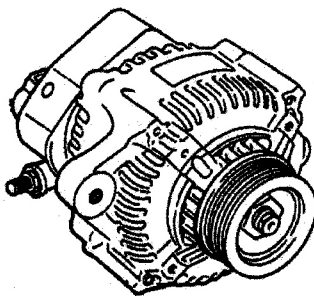
Hitachi Series



Mitsubishi Seires



Alternator

Vehicle Type	NA Vehicle		SC Vehicle
Maker	Mitsubishi	Denso	Denso
Regulator Type	Internal IC	←	←
Battery	12V	←	←
Output	12V45A	←	12V50A
Ground	⊖	←	←
Spin Direction	Right	←	←
RPM	5000rpm	←	←
13.5v RPM Range	1150rpm	1020rpm	1200rpm
Maximum Output	14.5±0.3V	14.5±0.5	←
Pulley Size	65φ	←	52.5
Max AMP RPM Output	5000—43A	←	5000—50A
Unit Weight kg	3.6	3.2	3.9
NA Vehicle  SC Vehicle 			

Alternator

Exploded View

