

The Charging System

Charging System

The charging system has two essential functions:

- Generate electrical power to run the vehicle's electrical systems
- Generate current to recharge the vehicle's battery

Electrical power - At low engine speeds, the battery may supply some of the power the vehicle needs. At high engine speeds, the charging system handles all of the vehicle's electrical requirements.

Charging - Alternator (generator) output is higher than battery voltage to recharge the battery.

Charging System

The alternator supplies power for the vehicle when the engine is running and engine speed is above idle.

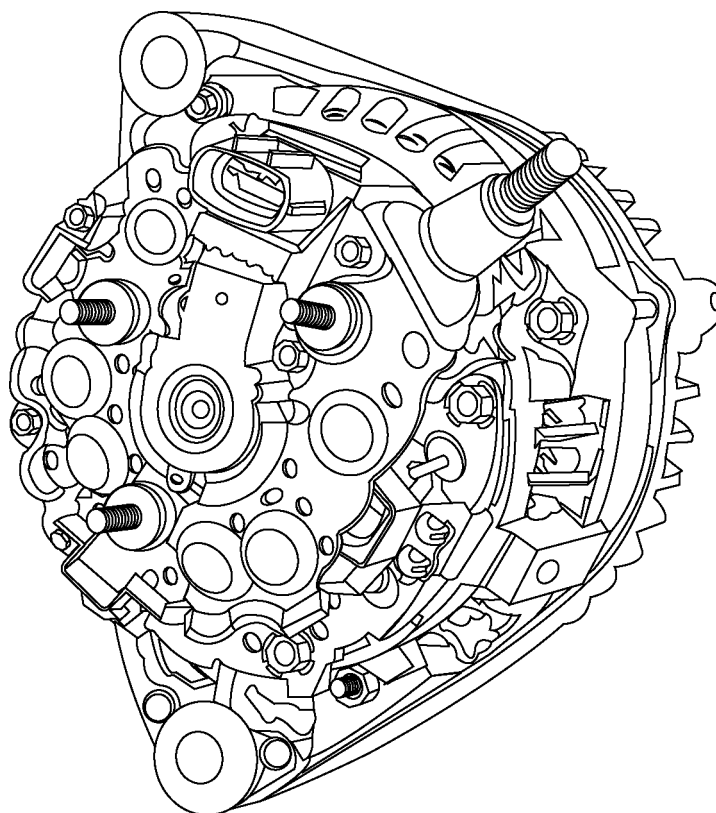


Fig. 5-01
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Section 5

Charging System Components

These components make up the charging system:

- Alternator
- Voltage regulator
- Battery
- Charging indicator

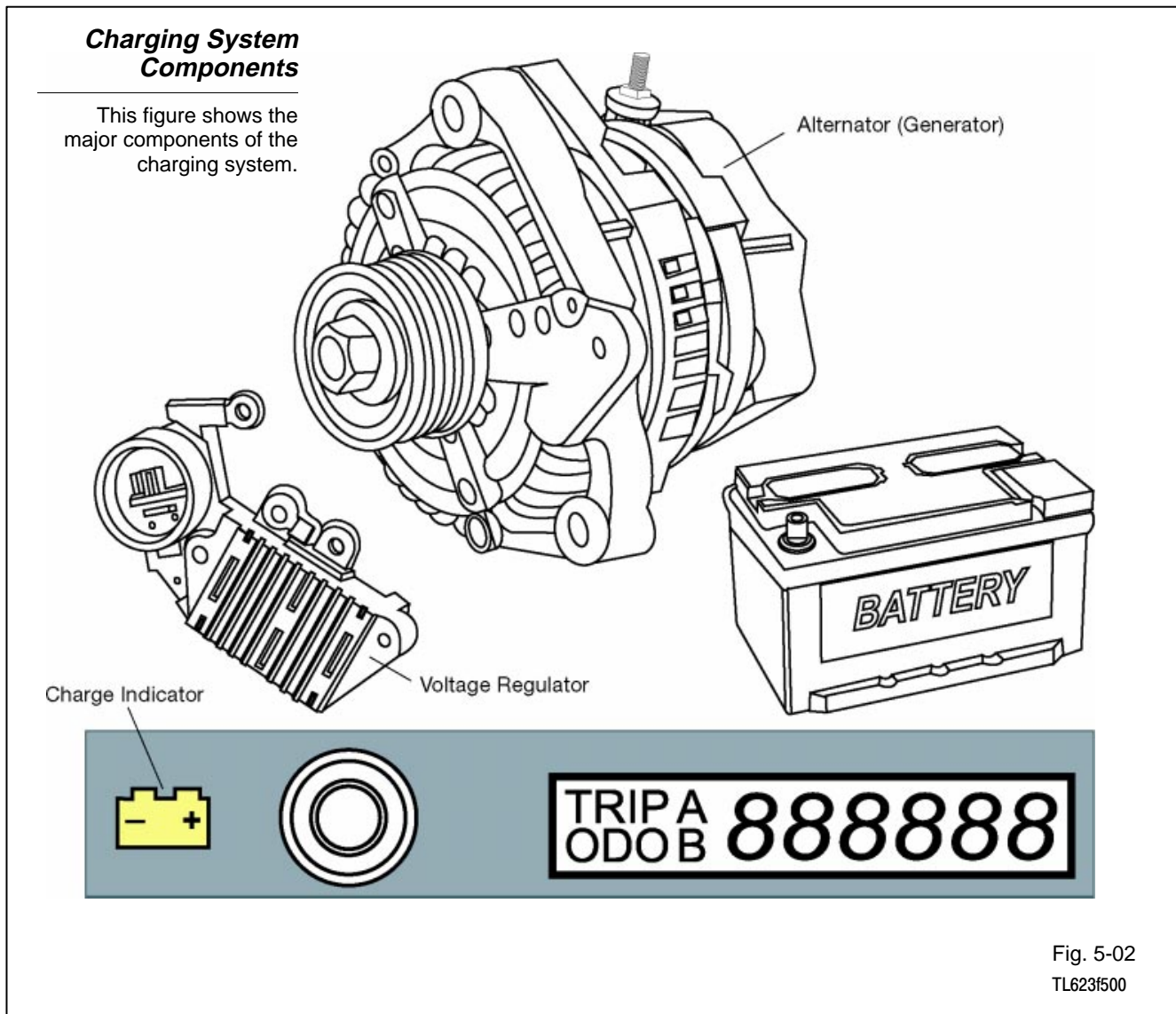


Fig. 5-02
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