



Figure 1 ELECTRIC POWER CIRCUIT DIAGRAM

Reference Number	Description
1	Battery
2	Battery Relay
3	Fusible Link I
4	Fusible Link II
5	Circuit Breaker
6	Starter Switch

Reference Number	Description
7	Fuse Box I
8	Fuse Box II
9	Diode I
10	Diode II
11	Alternator

ENGINE STARTING CIRCUIT

OPERATION DURING START PROCESS

When the starter switch is turned to the "START" position, the 'S' and 'E' terminals of the starter controller are connected. At this time the contacts in the starter relay (8) are closed by the current flow from the battery (1) → fusible link (3) → 'B' terminal of the starter switch (5) → 'C' terminal of the starter switch (5) → 'C' terminal of the starter relay (8) → 'D' terminal of starter relay (8) → 'S' terminal of starter controller (7) → 'E' terminal of the starter controller → ground.

The contact point 'B' and 'PP' of starter relay (8) are connected, the pinion gear of the starter (4) is pushed forward and makes contact with the ring gear of the flywheel and the internal contacts of the starter are connected.

The current flows from the battery (1) → 'A' terminal of the battery relay (2) → 'B' terminal of the battery relay (2) → '30' terminal of the starter (4). The starter motor is rotated and the engine is started.