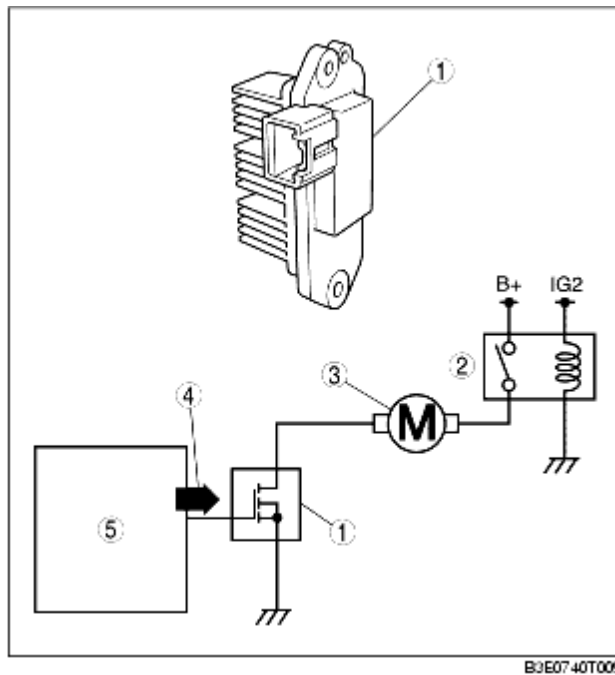


POWER MOS FET

B3E074000116T01

Function

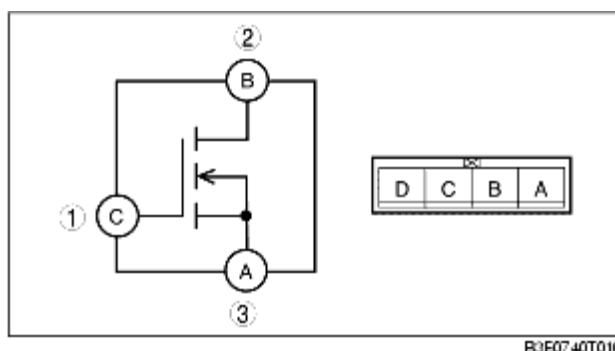
- Controls the supply voltage to the blower motor according to the gate voltage sent from the climate control unit and adjusts the rotation speed (airflow volume).



1	Power MOS FET
2	Blower relay
3	Blower motor
4	Gate voltage
5	Climate control unit

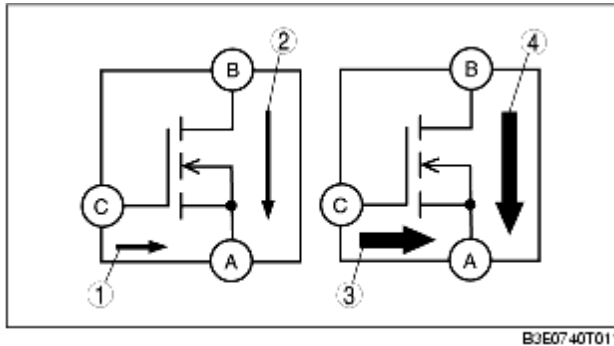
Construction/Operation

- There are three electrodes: source, gate, and drain electrodes.



1	Gate
2	Drain
3	Source

- The resistance between terminals B and A (between drain and source) changes according to the voltage (gate voltage) applied to terminal E (gate).
- When the gate voltage increases, the resistance between terminals B and A decreases, allowing the current to flow easily.



B3E07.40T011

1	Small current
2	Low gate voltage
3	Large current
4	High gate voltage