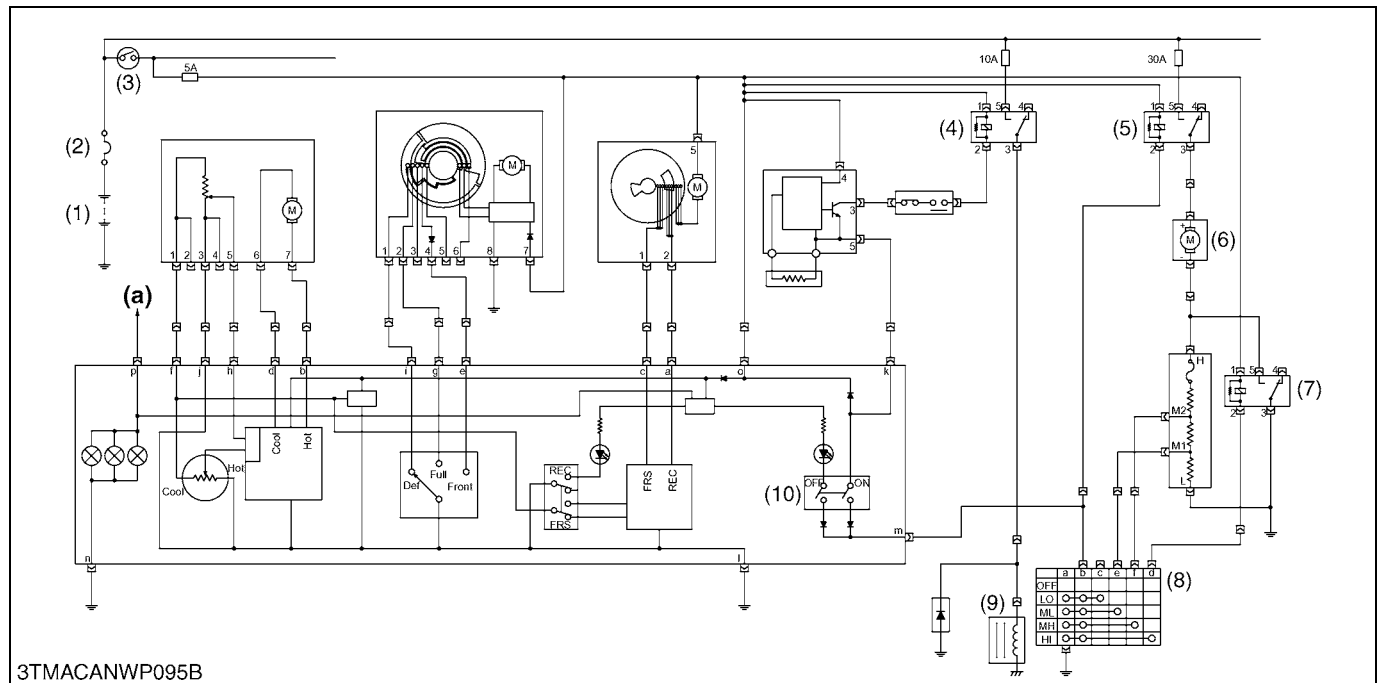


(2) Blower Relay and Compressor Relay



Remove the seat, the seat under cover and the relays on the right side of the air conditioner unit : blower relay (5), blower high relay (7) and compressor relay (4). When the blower fan is adjusted for the air flow rate, the blower relay (5) and blower high relay (7) are activated by a signal from the blower switch (8) on the control panel.

Among the air conditioner components, current flows to the blower motor (6) and magnetic clutch. If all of these current were to be passes through the main switch (3) and supplied, the current would be too large for the main switch (3) so that there will be danger or burning out the main switch contact. If the current were to be passed directly from the battery (1), forgetting to turn off the blower motor (6) could result in a discharged battery (1).

To protect against such trouble, relays have been provided. These relays have been made so that when current flows through its coil, the contact close to supply the power from the battery (1). By employing these relays, the current flowing through the main switch (3) has been decreased as only a small current is required to actuate the relay. Thus there will be no danger of burning out the switch contact, and when the main switch (3) is opened, the relay contact will open at the same time. This action stops the current flow in the air conditioner circuit so that there will also be no chance of the battery discharging.

- | | |
|----------------------|-----------------------|
| (1) Battery | (7) Blower High Relay |
| (2) Slow Blow Fuse | (8) Blower Switch |
| (3) Main Switch | (9) Compressor |
| (4) Compressor Relay | (10) A/C Switch |
| (5) Blower Relay | |
| (6) Blower Motor | |
- (a) To Light Switch

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