

Three-phase alternator

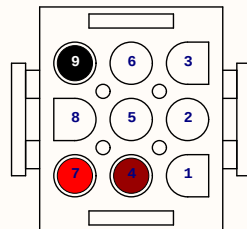
DC Power Supply



MOTOR CONTROL UNIT - CN 2

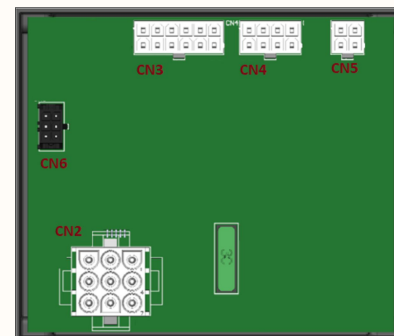
CONNECTOR:
MATE-N-LOK 9 VIE - TE Connectivity 350720-1
CONTACTS:
FEMALE MATE-N-LOK - TE Connectivity 61314-6

- 1 - OUT 1 - *Optional
- 2 - OUT 2 - *Optional
- 3 - OUT 3 - *Optional
- 4 - DARK RED (Bridge to 6 CN4)
- 5 - N.C.
- 6 - N.C.
- 7 - RED (Battery +)
- 8 - N.C.
- 9 - BLACK (Battery -)



* side view wiring

MOTOR CONTROL UNIT

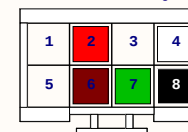


MOTOR CONTROL UNIT - CN 4

CONNECTOR:
Mini-Fit Jr 5557 - 8 way- MOLEX 39-01-2080
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

- 1 - N.C.
- 2 - RED - +12 V (Internal)
- 3 - N.C.
- 4 - WHITE - Can H
- 5 - N.C.
- 6 - DARK_RED (Bridge to 4 CN2)
- 7 - GREEN - Can L
- 8 - BLACK - GND

* side view wiring

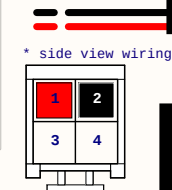


MOTOR CONTROL UNIT - CN 5

CONNECTOR:
Mini-Fit Jr 5557 - 4 way- MOLEX 39-01-2040
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

- 1 - RED
- 2 - BLACK
- 3 - N.C.
- 4 - N.C.

LINEAR ACTUATOR



* side view wiring

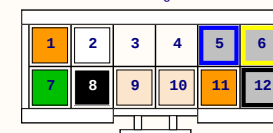


MOTOR CONTROL UNIT - CN 3

CONNECTOR:
Mini-Fit Jr 5557 - 12 way- MOLEX 39-01-2120
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

- 1 - ORANGE (BRIDGE with 11 CN6)
- 2 - WHITE - Can H (*Optional)
- 3 - N.C.
- 4 - N.C.
- 5 - HARE - INPUT SWITCH
- 6 - HARE - INPUT POTENTIOMETER
- 7 - GREEN - Can L (*Optional)
- 8 - BLACK - GND
- 9 - AC1 - (*Optional)
- 10 - AC2 - (*Optional)
- 11 - DARK_RED (BRIDGE with 1 CN6)
- 12 - HARE - GND

* side view wiring

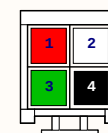


INVERTER - CN 4

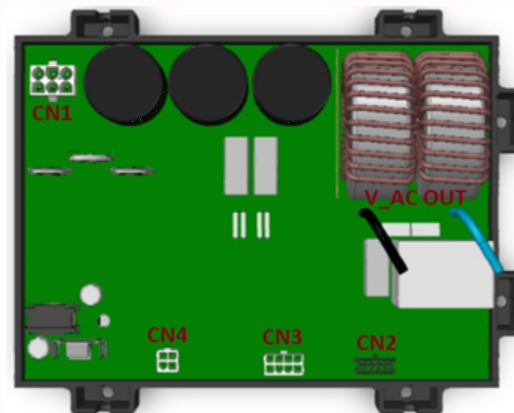
CONNECTOR:
Mini-Fit Jr 5557 - 4 way- MOLEX 39-01-2040
CONTACT:
FEMALE Mini-Fit 5556 - MOLEX 39-00-0038

- 1 - RED - +12 V (Internal)
- 2 - WHITE - Can H
- 3 - GREEN - Can L
- 4 - BLACK - GND

* side view wiring



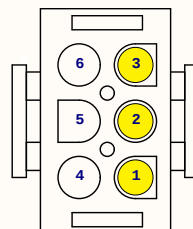
INVERTER



INVERTER - CN 1

CONNECTOR:
MATE-N-LOK 6 VIE - TE Connectivity 350715-1
CONTACTS:
FEMALE MATE-N-LOK - TE Connectivity 61314-6

- 1 - AC Alternator - INPUT 1
- 2 - AC Alternator - INPUT 2
- 3 - AC Alternator - INPUT 3
- 4 - N.C.
- 5 - N.C.
- 6 - N.C.



* side view wiring