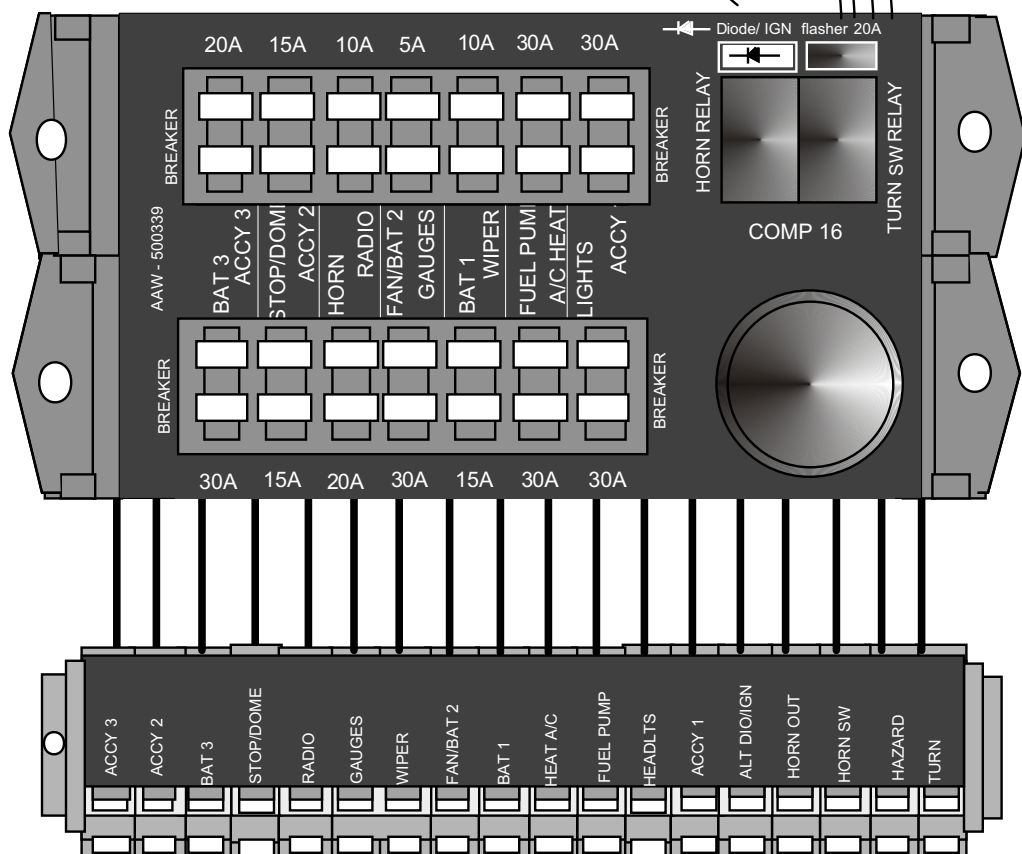
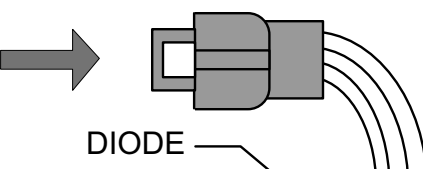


RED WIRE: "BATTERY" feed to ignition switch
 BROWN WIRE: "ACCESSORY" feed from ignition switch.
 PINK WIRE: "IGNITION" feed from ignition switch
 BLACK WIRE: "GROUND" to chassis



PART #: 500339

DESC: COMP 16™
WIRING PANEL

© 1997 AAW Rev 1.0 4/15/200
 Instruction sheet 92964793

another wiring product by...



**American
 Autowire**

We Make Wiring Easy!!

150 Heller Pl #17 W Bellmawr, NJ 08031 856-933-9301

Fuses, relays, and flasher are included.
 Install on panel as shown. Be sure to install diode in the direction shown above! Fuse values shown are recommend values, it is the installers responsibility to install proper fuse values for the circuit being protected.

| <u>CIRCUIT</u> | <u>FUSE</u> | <u>FUNCTION</u> | <u>CIRCUIT</u> | <u>FUSE</u> | <u>FUNCTION</u> |
|----------------|-------------|--|----------------|-------------|--|
| ACCY 3 | 20 | Accessory power - SPARE | ALT DIO/IGN | | To alternator - regulator feed wire, or ignition fused |
| ACCY 2 | 15 | Accessory power - SPARE | | | Note1: Recommended to be used for Alternator regulator feed. This will prevent the vehicle from continuing to run when the key has been turned to the "OFF" position. When performing electrical testing on the vehicle, install the supplied 20 amp mini fuse in place of the diode during testing so the diode does not burn out. |
| BAT 3 | 30 | Battery feed - SPARE | | | Note 2: If using a self excited ONE-WIRE alternator, the ALT DIO/IGN position on the PANEL CONNECTION BLOCK can be used as an extra Fused Ignition feed. This can be accomplished by removing the diode (labeled Diode/Ign) which is plugged into the top of your panel. Replace this diode with a fuse rated at <u>no more than 20 amps</u> |
| STOP / DOME | 15 | Battery power for stop and dome lights | | | |
| HORN | 20 | Battery power for the horn relay | HORN OUT | | To horn |
| RADIO | 10 | Accessory power for radio | HORN SW | | To horn button (ground switch) |
| GAUGES | 5 | Accessory power for gauges | HAZARD | | 12 volt feed for hazard switch on column |
| WIPER | 10 | Accessory power for wipers | TURN | | 12 volt feed for turn switch on column |
| FAN / BAT 2 | 30 | Battery power - SPARE | | | |
| BAT 1 | 15 | Battery power - SPARE | | | |
| HEAT / AC | 30 | Accessory power for heater / ac | | | |
| FUEL PUMP | 30 | Battery power for fuel pump | | | |
| HEADLTS | 30 | Battery power for headlights | | | |
| ACCY 1 | 30 | Accessory power - SPARE | | | |

CONNECTING WIRE TO THE "CAGE CLAMP" TERMINAL BLOCK

1. Insert a 1/8" blade screwdriver into the "cage clamp" spring compression hole located in the top of each terminal block as shown in STEP 1.
2. Push down on the spring until the "wire access hole" in the spring is visible through the side of the terminal block.
3. While maintaining tension on the spring, insert the wire into the terminal block through the "wire access hole" in the "cage clamp spring" until the wire hits the wire stop as shown in STEP 2. Be sure that the wire is stripped to 1/4" - 5/16" and that the wire strands are not frayed before insertion into the terminal block. The wire should slide in without restriction.
4. With the wire firmly positioned in the terminal block, release the tension on the screwdriver and withdraw it as shown in STEP 3. The wire is now firmly compressed against the terminal block bus bar forming a secure air tight connection.

PART #: 500339

© 1997 AAW

Rev 2.0 7/12/00

Instruction sheet 92964793

