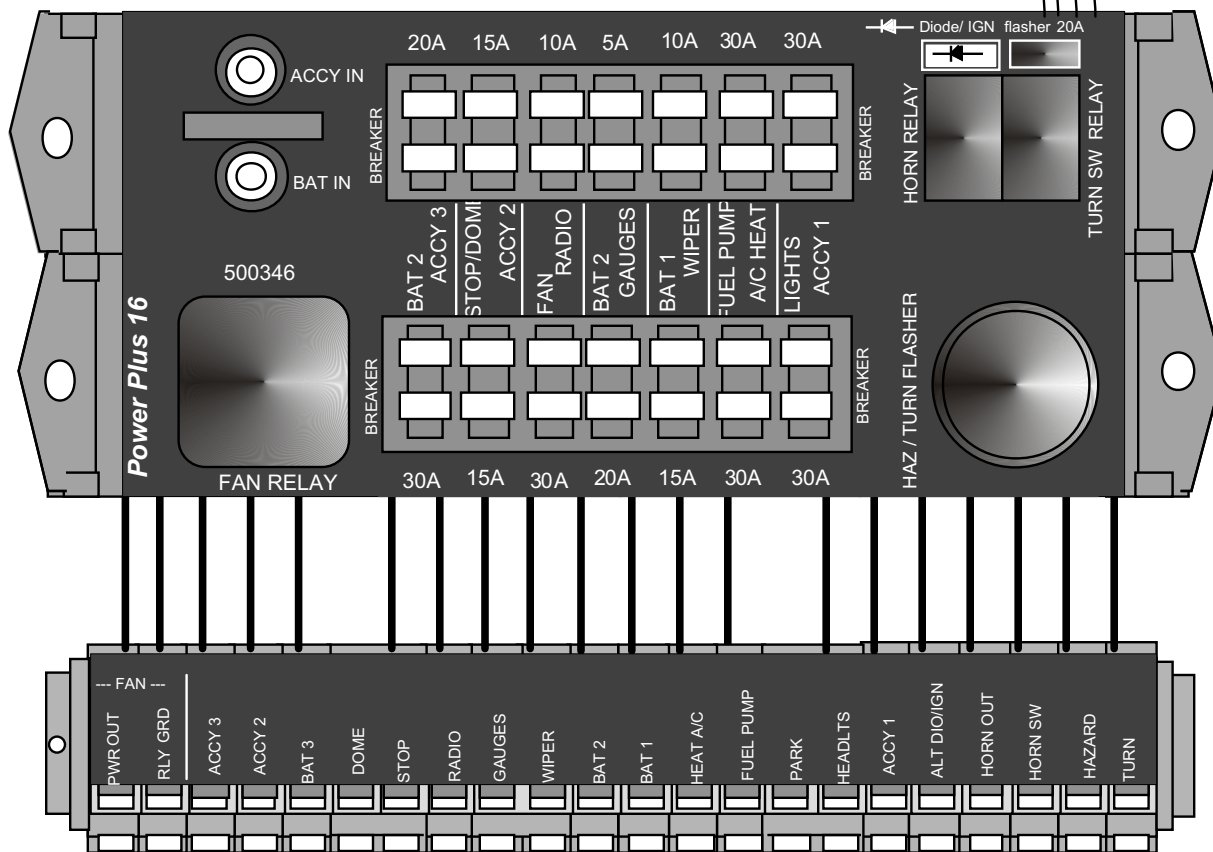
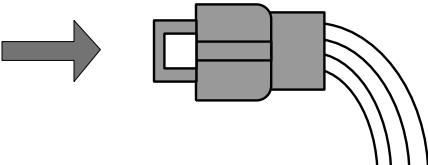


RED WIRE: "BATTERY" feed to ignition switch
 BROWN WIRE: "ACCESSORY" feed from ignition switch.
 PINK WIRE: "IGNITION" feed from ignition switch
 BLACK WIRE: "GROUND" to chassis



PART #: **500346**

DESC: **Power Plus 16™**
WIRING PANEL

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 Instruction sheet 92964907

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CIRCUIT	FUSE	FUNCTION	CIRCUIT	FUSE	FUNCTION
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FAN PWR OUT		Fan relay power out to fan	HEADLTS	30	Battery power for headlights
FAN RLY GRD		Fan relay ground (trigger) to sending unit	ACCY 1	30	Accessory power - SPARE
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>
DOME	15	Battery power for dome lights	HORN OUT		To horn
STOP	15	Battery power for stop switch	HORN SW		To horn button (ground switch)
RADIO	10	Accessory power for radio	HAZARD		12 volt feed for hazard switch on column
GAUGES	5	Accessory power for gauges	TURN		12 volt feed for turn switch on column
WIPER	10	Accessory power for wipers			
BAT 2	20	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			
PARK	30	Battery power for parking lights			
HEADLTS	30	Battery power for headlights			

HEADLTS	30	Battery power for headlights
ACCY 1	30	Accessory power - SPARE
ALT DIO/IGN		To alternator - regulator feed wire, or ignition fused
		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.
		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>
HORN OUT		To horn
HORN SW		To horn button (ground switch)
HAZARD		12 volt feed for hazard switch on column
TURN		12 volt feed for turn switch on column

CONNECTING WIRE TO THE "CAGE CLAMP" TERMINAL BLOCK

PART #: 500346

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Instruction sheet 92964907

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.

