Panel Fuses

The panel contains ATC automotive type fuses which have been in use in new automotive applications since 1992. These protect the panel's individual circuits. These fuses can be purchased at any quality auto parts store or direct from WIRE WORKS.

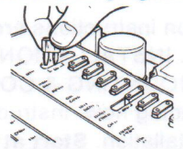
Panel Fuse Removal Procedure

When new, the terminals inside the panel fit the fuses very firmly. Squeeze the fuse and move the fuse back and forth while at the same time pulling the fuse out. It may take a little effort to remove the fuse, this is nothing to be concerned about.

Select-a-Circuit™ fuses

Choose between these circuits working all the time (battery feed) or ignition controlled for the best possible security. Four select-a-circuits have been provided in the Express panel and two in the Bonz I panel.

The Select-a-Circuit™ Fuses and connections move easily to make popular circuit changes



Auxiliary Fan Relay (Express Only)

The relay is mounted in the panel and is pre-wired to terminals #C, #D, #E, #F, #G. The instructions below address wiring this relay to operate an electric cooling fan. If you are not using an electric cooling fan, this relay can be used to control other devices such as an electric fuel pump or any other device not requiring more than a 30 amp draw.

NOTE: The fan relay must be powered through an external source. We recommend powering the relay direct from the battery connection on the starter solenoid or from the battery itself, using a 12 gauge or heavier wire. The fan and relay are protected by the 30 amp radiator cooling fan fuse as labeled on top of the fuse panel. We offer several different wiring kit options to complete this circuit. Call our customer service line 866-330-1933 for more information.

Terminal #	USE	Description
#G	**ORANGE RELAY CONTROL:** (use 18 ga wire) Connect to an ignition hot terminal on the panel. Use terminal #12, #13 or #M.	Relay Coil Feed
#F	**LIGHT GREEN RELAY SENSOR:** (use 18 ga wire) Connect to a good ground.	Relay Coil Ground
#D	**DARK BLUE FAN OUTPUT:** (use 12 ga wire) Connect to the positive wire running from your fan. **(NOTE: Be sure to connect the ground wire running from the fan to a good ground)**	Normally Open
#E	**WHITE RELAY NORMALLY CLOSED: NOT USED.**	Normally Closed
#C	**RED FAN POWER:** (use 12 ga wire) Connect to the battery hot side of the starter solenoid or positive battery terminal.	Common

Note: The above instructions are based on controlling the relay coil by switching positive 12 volts on & off on terminal #G of the relay. The relay coil can also be controlled by switching ground on & off. Apply positive 12 volts to relay terminal #G. Connect the relay coil ground terminal #F to a switch or some other device that will create a ground when activated to control the relay coil.

Fuse Designation

The chart below shows the panel fuses and the terminal numbers the fuses protect. We suggest keeping this chart in the vehicle for future reference. Accessories are installed in the vehicle following the installation instructions provided with the accessory itself. Use the chart below to determine the correct terminal on the panel to provide power to your accessory.

Express Fuse Panel

Fuse	Feed By	Terminals	Fuse Size	Terminal Labeled
Running Lights	(B)	#5	10 Amp *	Running Lights
Brake/Hazard	(B)	#6, #11	15 Amp *	Brake Switch Hazard Flasher
Int Lt Clock	(B)	#7 #N	10 Amp *	Clock Memory Interior Lights
Horn	(B)	#8	15 Amp *	Horn(s)
Turn Signals	(I)	#10	10 Amp *	Turn Flasher
Wiper	(I)	#12	10 Amp *	Wiper
Air/Heat	(I)	#13	30 Amp *	Air/Heat
Radio/Gauges	(A)	#14	5 Amp *	Radio/Gauges

Express Fuse Panel

Fuse	Fed By	Terminals	Fuse Size	Terminal Labeled
Spare Battery	(B)	#P	20 Amp *	Spare Battery
Fuel Pump	(I)	#M	15 Amp*	Fuel Pump
Acc A	(A)	#A	15 Amp*	Acc A
Acc B	(I & B)	#B	30 Amp*	Acc B
Acc H	(I & B)	#H	15 Amp*	Acc H
Acc J	(I & B)	#J	15 Amp*	Acc J
Power Windows	(I & B)	#K & L	20 Amp*	Power Window
Rad Cool Fan	(✖)	#C	30 Amp*	Fan Power

(A) =Accessory Feed, (B) = Battery Feed, (I) = Ignition Feed, (✓) = Express Only, (✖)= Fed from an external source.

Bare Bonz Fuse Panel

Fuse	Feed By	Terminals	Fuse Size	Terminal Labeled
Running Lights	(B)	#5	10 Amp *	Running Lights
Brake/Hazard	(B)	#6 #11	15 Amp*	Brake Switch Hazard Flasher
Clock	(B)	#7	5 Amp *	Clock Memory
Horn	(B)	#8	10 Amp *	Horn(s)
Turn	(I)	#10	10 Amp *	Turn Flasher
"A"	(B & I)	#12	15 Amp *	Wiper
"B"	(B & I)	#13	20 Amp *	Heat
Radio/Gauges	(A)	#14	5 Amp *	Radio Gauges

(A) =Accessory Feed, (B) = Battery Feed, (I) = Ignition Feed. Select-A-Circuit fuse position, right position IGNITION, left position BATTERY. ADJUST FUSES TO YOUR EXACT NEEDS. IT IS NECESSARY TO INCREASE OR DECREASE THE FUSE SIZE FOR PROPER PROTECTION