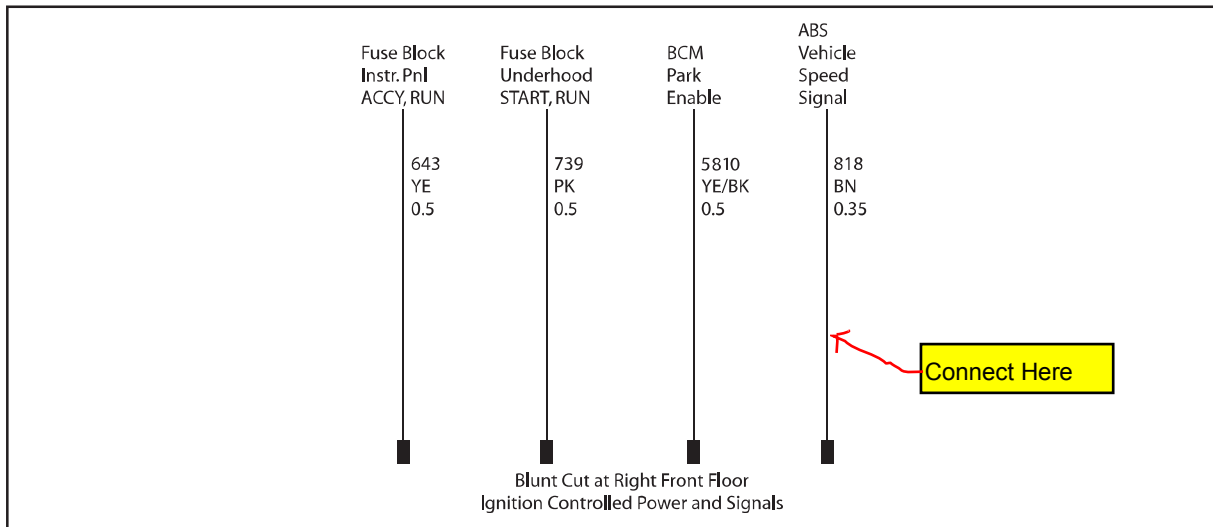


WIRING

IMPALA CONTROLLED POWER AND SIGNAL CIRCUITS WITH 12 VOLT POWER SUPPLY

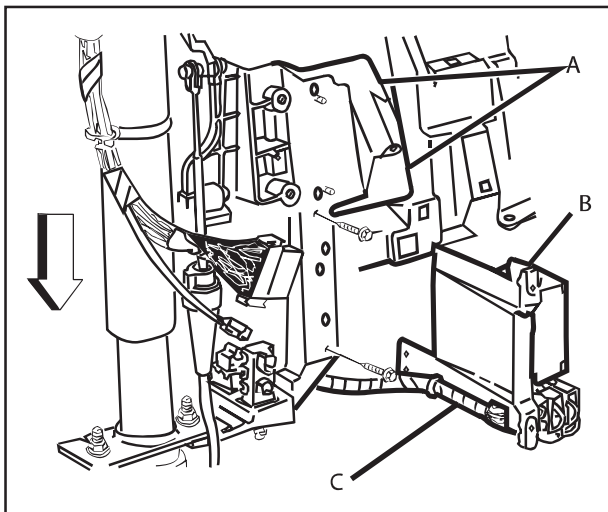


Blunt cut ignition controlled power and signal circuits are also included in the following 5 ft (1.5 m) right foot loop:

- A yellow, 20-gauge (0.5 mm²) 10-AMP fused circuit, Hot in ACCESSORY, RUN or RAP (Retained Accessory Power) Fuse "RAP" is in the end of the instrument panel.
- A pink, 20-gauge (0.5 mm²) 10-AMP fused circuit, Hot in START and RUN. Fuse "PWR Drop/CRNK" is in the underhood fuse block.
- A yellow/black, 20-gauge transaxle park signal from the Body Control Module (BCM). The circuit provides a switched power when the transmission is not in PARK (P) and the engine is running. The electrical load attached to the park circuit must not exceed 0.5-AMPS and is meant to drive one relay coil.
- A brown, 22-gauge (0.35 mm²) vehicle speed signal (4,000 pulses/mile) from the ABS module. Connect only high impedance load.

The spotlamp fuses are located in the passenger's side underhood fuse block. See "Fuses and Circuit Breakers" in your owner's manual index for more information.

FUSE BLOCK BATTERY POWER SUPPLY

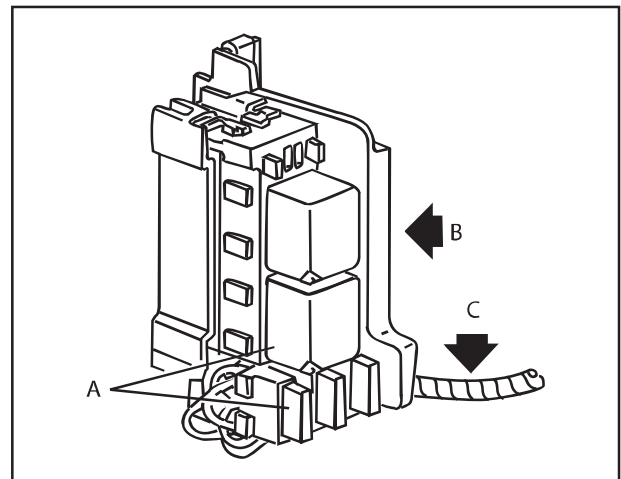


SERVICING RELAYS AND CIRCUIT BREAKERS

The following information shows you where the relays and circuit breakers are located in the Fuse Block.

- Instrument Panel Carrier
- Relay Center for Circuit Breakers and Control Relay
- Instrument Panel Harness Branch

ENLARGED VIEW OF THE BATTERY POWER FUSE BLOCK

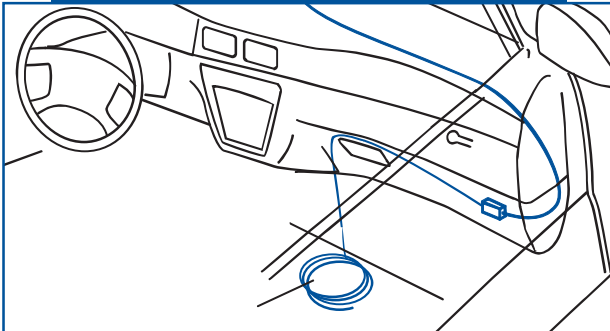


- Relays and Circuit Breakers
- Front of the Vehicle
- Floor of the Vehicle

IMPALA

DESCRIPTION OF STANDARD SPECIAL EQUIPMENT IMPALA 9C1 AND 9C3 POLICE PACKAGE - (CONTINUED)

WIRING - IGNITION AND MAIN POWER SUPPLY



Battery power is supplied through two fusible links, one 50-AMP and one 65-AMP, to three circuit breakers and two control relays located in the control center above the accelerator pedal. A 50-AMP circuit breaker feeds power directly from the 50-AMP fusible link through a 10-gauge blunt cut wire. Two 30-AMP circuit breakers supply power from the 65-AMP fusible link through the contacts of the control relays to 12-gauge blunt cut wires. The blunt cut leads are part of a 5-foot coil on the floor under the instrument panel.

Each relay is to be operated by a 18-gauge control lead included in the 5-foot coil under the instrument panel. An 8-gauge system ground lead is also provided in the 5-foot coil.

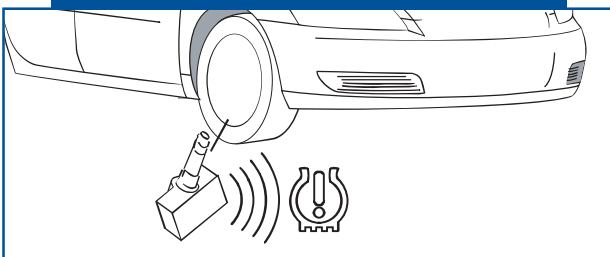
The total current available through the 12-Volt power supply is 110-AMPS.

Two blunt cut wires provide ignition controlled power; one is hot when the ignition is in Accessory and On; the second is hot when the ignition is in START and ON.

A third blunt cut wire from the body control module provides a Park-Enable signal. When the transmission is in PARK, zero volts (not ground) are present and 12-Volts are present when the transmission is in any other position. The circuit is designed to operate a single customer-furnished relay. A fourth blunt cut wire provides the Vehicle Speed Signal (VSS).

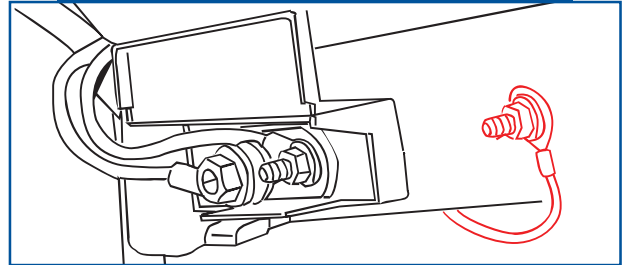
Connect Here

TIRE PRESSURE MONITOR



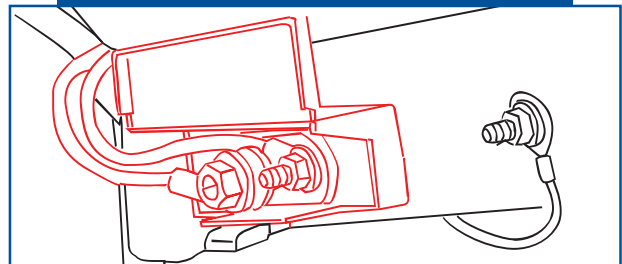
Your vehicle is equipped with a Tire Pressure Monitor (TPM) system which warns of low tire pressure. The TPM system on your Impala Police Package has a spare tire sensor with the full size spare tire but is not programmed to read the spare tire pressure. When the full size spare tire from your vehicle or spare tire from another Police Package is placed in use as a road wheel, the system will NOT read the presence of the new TPM sensor and must be calibrated. Refer to your Owner's Manual for additional information on the tire pressure monitor and sensor programming. The space saver spare tire does not have a tire pressure monitor.

GROUND STUD - REAR COMPARTMENT



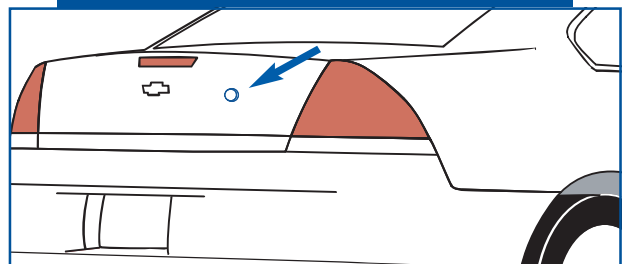
This feature provides a 10mm ground stud located in the trunk on the right side just above the red Trunk Auxiliary Battery Power Junction Block. A 10mm flanged hex nut grounds the 10mm stud bolt to the vehicle and is torqued to 26 lb-ft (35N-M). A plain 10 mm hex nut is provided for customer ground termination. Recommended torque for this second nut is 7 lb-ft (10N-M) plus or minus 1 lb-ft (2N-M).

AUXILIARY POWER OUTLET - 100-AMP



An auxiliary battery power junction block is mounted in the trunk on the right side support strut rearward of the wheelhouse. The auxiliary junction block has a split buss with two terminals which are electrically separated. Two 50-AMP fusible links at the battery protect the junction block 8-gauge body wiring. Maximum combined capacity of the two circuits is 100-AMPS.

KEYLOCK CYLINDER - TRUNK LID



If your vehicle is equipped with the theft deterrent system (Option UA6), an audible alarm will occur when the key is used to open the trunk instead of the remote keyless entry (key fob). See your dealer/retailer to disable the audible alarm.

Note: Wiring Diagrams for These Options are Shown in the Police Package Owner's Manual Supplement (Shipped in Glove Box)