



Concept model shown. Production model may vary. Shown with equipment from an independent supplier and is not covered by the GM New Vehicle Limited Warranty. GM is not responsible for the safety or quality of independent supplier alterations.

## 2 | CAPRICE POLICE PACKAGE PPV – 9C1

This vehicle has been designed for police work up to and including high speed emergency vehicle operations. GM restricts the sale of police vehicles and they are not to be sold to retail customers.

### MODEL AVAILABILITY

1EW19 - 9C1 Rear-wheel drive

### STANDARD EQUIPMENT SUMMARY

**WARRANTY** 3 years / 36,000 mile bumper-to-bumper limited warranty (whichever comes first, see dealer for details)  
5 years / 100,000 mile powertrain limited warranty (whichever comes first, see dealer for details)

### INTERIOR FEATURES

|                     |  |
|---------------------|--|
| AIR CONDITIONING    | Dual-zone electronic climate control with pollen air filtration  |
| BOTTLE HOLDER       | Bottle holder in the front doors   |
| CRUISE CONTROL      | Electronic with set and resume speed   |
| DOMES LAMPS         | Front and rear dome lamps (excludes map lamps)   |
| FLOOR COVERING      | Carpeted (front and rear carpeted floor mats are available; see option B34. Option 6A3 heavy-duty vinyl floor covering available, requires AEH vinyl rear seat; see page 9)  |
| GLASS               | Tinted windshield and Solar-Ray glass, driver and front passenger door   |
| GLOVE BOX LAMP      | <b>Standard</b>  |
| MIRROR, REARVIEW    | Inside rearview includes compass   |
| RADIO               | AM/FM stereo, seek-scan, single CD supports MP3/WMA, auto-tune with two tweeters, two front door speakers and two rear door speakers   |
| RESTRAINT SYSTEM    | Safety belts with dual stage driver and passenger frontal air bags <sup>1</sup> , passenger sensing system and frontal air bag <sup>1</sup> ON/OFF indicator; head curtain air bags <sup>1</sup> for driver and front passenger and front seat back mounted thorax air bags <sup>1</sup> (combined front and rear head curtain air bags <sup>1</sup> are available; see option AYO on page 9)<br><b>Note: Safety belt extenders are available in 9 inch (part number 89027366) and 15 inch (part number 89027367) through your dealer at no charge</b> |
| SEAT, FRONT         | Cloth bucket seats with heavy-duty foam, sculptured for gun belts, high-wear fabric bolsters and seat back security panel; 8-way power driver with reclining seat back and lumbar control with quick adjust manual fore and aft movement. Passenger power 4-way adjuster, manual fore and aft movement with manual recline and lumbar optional 8-way passenger power seat available (see option A6F on page 9)   |
| SEAT, REAR          | Cloth bench (vinyl rear seat available; see option AEH on page 9, requires 6A3 heavy-duty vinyl floor covering)  |
| SHIFT LEVER         | Floor mounted without console with shift lever offset and shortened shift lever handle ( <b>see page 12 for picture</b> ) 10 inches of open floor space between front seats for after market supplied equipment consoles   |
| SMOKER'S PACKAGE    | Not available  |
| SPEEDOMETER/CLUSTER | 160 mph certified analog, 1 mph increments, 1 mph redundant digital speed display with trip odometer, warning lamps and Multifunction Display with Engine Oil Life Monitor   |
| STEALTH MODE        | <b>See exterior lamps control on page 12 for operation and description</b>   |
| STEERING WHEEL      | Tilt and telescoping with audio controls   |
| THEFT DETERRENT     | Vehicle theft PASS-Key® III+   |
| TRAP SPEED FEATURE  | Traps (stores) certified vehicle speed in digital speedometer via steering wheel controls when following another vehicle   |
| VISOR               | Driver and passenger with covered mirrors, not illuminated   |
| WARNING LIGHTS      | Brake, safety belt, air bag, anti-lock brake and check engine, StabiliTrak, high beam, cruise control  |
| WARNING TONES       | Key-in-ignition, driver door open and safety belt reminder chime   |
| WINDOW OPERATION    | Power front and rear, automatic down front only with rear window lockout (controls located on front door panels)   |

### ELECTRICAL FEATURES

|                         |   |
|-------------------------|---|
| AUXILIARY POWER, FRONT  | 110-amp ignition and main power supply wiring harness under lower right side of instrument panel. One 50-amp battery power circuit and two 30-amp relay controlled circuits are in a five foot coil provided for customer connection. Included in the harness are signal circuits for ignition power (HOT in START/RUN and ACCESSORY/RUN), vehicle radio mute, vehicle speed signal and park-enable |
| AUXILIARY POWER, TRUNK  | 120-amp auxiliary power available in trunk  |
| GROUND STUD             | Auxiliary, located in trunk   |
| POWER OUTLETS           | One located on instrument panel   |
| WIRING PROVISIONS FOR:  |   |
| EXTERIOR LAMPS FLASHING | Forward lamp in-line connector for Exterior Lamp Flashing System (see option 6J7 on page 9)   |
| RADIO MUTE              | A circuit is provided to mute the vehicle radio when a customer ground is applied (see Caprice wiring diagram section for details)  |

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

## EXTERIOR FEATURES

|                           |  |
|---------------------------|--|
| ANTENNA                   | Radio, roof mounted (center of roof near rear window)  |
| DEFOGGER                  | Electric, rear window  |
| DOOR LOCKS                | Power door locks (automatic door locking and unlocking feature is disabled, customer can reprogram to enable feature; to enable feature see owner's manual for programmable instructions). Keylock cylinder not available on passenger front door; child safety locks in rear door   |
| HEADLAMPS                 | Halogen, automatic lamp control with daytime running lamps. (For daytime running lamps delete see option VVS on page 9)  |
| KEYLESS ENTRY             | Includes two integrated keys and FOBs; the keyless entry system used on the Police Caprice includes a stealth mode feature. When the "unlock" or "lock" button is depressed, no exterior lamps or audible sounds are activated; however, the interior standard equipment dome lamp will illuminate at night unless option 7Y6, inoperative dome and courtesy lamps, is ordered (for additional transmitters option AMF must also be ordered) |
| KEYS                      | 2 keys with integrated remote keyless entry, side milled, two-sided, random code for ignition, driver door and trunk; options 6E3 or 6E4 available for single key locking of entire fleet.   |
| LICENSE PLATE FRONT       | Mounting hardware included   |
| MIRRORS, OUTSIDE REARVIEW | Black, electric left hand and right hand remote with manual folding (heated available; see option DR9 on page 9)   |
| ONSTAR                    | Not available  |
| PAINT                     | Base coat/clear coat   |
| TRUNK LAMP                | Standard   |
| TRUNK RELEASE             | Electric, ignition controlled switch, located on instrument panel, with keylock cylinder on trunk lid  |
| UNDER HOOD LAMP           | Not available  |
| WINDSHIELD WIPERS         | Intermittent, 2-speed with variable dwell and vehicle speed dependant  |

## CHASSIS FEATURES

|                       |   |
|-----------------------|---|
| ALTERNATOR            | 170-amp, with idle boost (transmission in PARK or NEUTRAL) controlled by battery energy level sensing   |
| AXLE                  | 2.92 axle ratio with limited slip   |
| BATTERY               | 700 cca with battery rundown protection located in trunk (optional auxiliary 600 cca, 70-amp hour rating battery for accessory equipment is available; see option K45 on page 9)  |
| BODY                  | Body frame integral (unibody)   |
| BRAKES                | Power 4-wheel anti-lock heavy-duty disc brakes with police calibration  |
| COOLING               | Electric cooling fans; coolant hoses are EPDM (ethylene-propylene-diene monomer); coolant is DEX-COOL good for 5 years/150,000 miles (maintenance needs vary with different uses and driving conditions, see the owner's manual for more information), protects from -34° F to +265° F and against rust and corrosion   |
| CHASSIS LUBRICATION   | Lubed-for-life chassis  |
| ENGINE                | 6.0L V8 with FlexFuel <sup>2</sup> (gas or E85 ethanol) Active Fuel Management™; includes wide open throttle air conditioning cut off (when overhead lamps, spotlamps, radio antennas, sirens, and other emergency equipment are installed, overall performance may be reduced)   |
| ENGINE CRADLE         | Steel   |
| EXHAUST SYSTEM        | Stainless steel, dual   |
| FUEL TANK CAPACITY    | 19 gallons (71.6 Liters), approximate   |
| OIL COOLERS           | Engine, transmission and power steering   |
| RADIO SUPPRESSION     | Extended life - iridium tip spark plugs and wires that are designed to reduce radio frequency noise levels which may affect communications equipment including operating frequencies in the 38-MHz to 58-MHz range. The Caprice is designed with unibody construction, and multiple grounding points are provided for the vehicle electrical system. No additional ground straps are added for the Police Package   |
| STABILITRAK           | Stability enhancement system includes police performance mode activated by switch   |
| STARTER INTERRUPT     | Prevents starter from engaging while the engine is running  |
| STEERING              | Power, rack and pinion  |
| SUSPENSION            | 4-wheel independent with coil springs, front and rear stabilizer bars. Patrol vehicle specific shock, spring and stabilizer bar tuning  |
| TIRES                 | P235/50R18 blackwall with compact spare (full-size spare is available; see option QQ5 on page 9)  |
| TIRE PRESSURE MONITOR | CHECK TIRE PRESSURE will show on driver message center (excludes spare tire)  |
| TRACTION CONTROL      | Deactivated when police performance mode is engaged   |
| TRANSMISSION          | 6-speed automatic, electronically-controlled transmission provides protection against over-revving the engine in low gear; if a driver manually selects low gear and fails to manually upshift to high gear, the powertrain control module automatically protects the drivetrain. Includes sport shift mode where maximum engine power and transmission responsiveness is required. When in sport shift mode, the transmission will delay upshifts and allow earlier downshifts |
| WHEELS                | 18" x 8" heavy-duty steel   |
| WHEEL CENTER CAP      | Bolt-on pressed/forged aluminium  |

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to [www.gmaltfuel.com/e85-station-locator](http://www.gmaltfuel.com/e85-station-locator).



**POWERTRAIN**

| ENGINE      |      |                             |   | TRANSMISSION |                            | AXLE        |                      |
|-------------|------|-----------------------------|---|--------------|----------------------------|-------------|----------------------|
| OPTION CODE | TYPE | DISPLACEMENT LITERS/CU. IN. | FUEL SYSTEM   | OPTION CODE  | TYPE                       | OPTION CODE | RATIO                |
| L77         | V8   | 6.0/364                     | E85 FlexFuel <sup>2</sup> or gasoline Active Fuel Management™ | MX0/MYC      | 6L80 6-speed auto. with OD | GW8<br>G80  | 2.92<br>Limited slip |

**EMISSIONS - MUST BE SPECIFIED**

|     |  |
|-----|--|
| FE9 | FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State  |
| YF5 | CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.   |
| NE1 | CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State   |
| NB8 | Required when option code FE9 "FEDERAL EMISSIONS" is ordered for delivery to a dealer located in California, Connecticut, Massachusetts, Maryland, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.  |
| NC7 | Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles" |
| NB9 | Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.   |

**TIRES - SPEED RATED**

| MANUFACTURER | QUANTITY | SIZE       | SPEED RATING | TYPE       |
|--------------|----------|------------|--------------|------------|
| Goodyear     | 4        | P235/50R18 | W            | All season |

Note: • Compact spare is standard (full-size spare is available see option Q05 on page 9)

• Due to specific requirements for performance, durability and safety, GM recommends only the original equipment tire for replacement

**SEATS AND INTERIOR TRIM**

|   | SEAT OPTIONS | ONYX |
|---|--------------|------|
| STANDARD Front: Cloth buckets<br>Rear: Cloth bench  | AAW          | 4BB  |
| OPTIONAL Front: Cloth buckets<br>Rear: Vinyl bench (includes 6A3 heavy-duty vinyl floor covering) | AEH          | 4BB  |

**AVAILABLE EXTERIOR COLORS**

|   |   |  |  |   |   |  |
|---|---|--|--|---|---|--|
| <br>GII<br>Heron White | <br>GHY<br>Red Hot | <br>GIG<br>Karma Metallic | <br>GIE<br>Phantom Black Metallic | <br>GST<br>Mirage Gold Metallic | <br>GAN<br>Silver Ice Metallic | <br>GGG<br>Alto Grey Metallic |
|---|---|--|--|---|---|--|

*Actual colors may vary*

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to [www.gmaltfuel.com/e85-station-locator](http://www.gmaltfuel.com/e85-station-locator)



## 6 | CAPRICE DETECTIVE POLICE PACKAGE – 9C3

This vehicle has been designed for police work up to and including high speed emergency vehicle operations. GM restricts the sale of police vehicles and they are not to be sold to retail customers.

### MODEL AVAILABILITY

1EW19 - 9C3

Rear-wheel drive

### STANDARD EQUIPMENT SUMMARY

WARRANTY

3 years / 36,000 mile bumper-to-bumper limited warranty (whichever comes first, see dealer for details)

5 years / 100,000 mile powertrain limited warranty (whichever comes first, see dealer for details)

### INTERIOR FEATURES

AIR CONDITIONING

Dual-zone electronic climate control with pollen air filtration

CONSOLE

Center floor with center shifter and armrest ([see page 12 for picture](#))

CRUISE CONTROL

Electronic with set and resume speed

CUP HOLDER

Cup holder in console and bottle holder in the front doors

DOME LAMPS

Front and rear dome lamps (excludes map lamps)

FLOOR COVERING

Carpeted (front and rear carpeted floor mats are available see option B34 on page 9)

GLASS

Tinted windshield and Solar-Ray glass, driver and front passenger doors only

GLOVE BOX LAMP

Standard

MIRROR, REARVIEW

Inside rearview includes compass

RADIO

AM/FM stereo, seek-scan, single CD supports MP3/WMA, auto-tune with two tweeters, two front door speakers and two rear door speakers

RESTRAINT SYSTEM

Safety belts with dual stage driver and passenger frontal air bags<sup>1</sup>, passenger sensing system and frontal air bag<sup>1</sup> ON/OFF indicator; head curtain air bags<sup>1</sup> for driver and front passenger and front seat back mounted thorax air bags<sup>1</sup> (combined front and rear head curtain air bag's are available; see option AYO on page 9)

**Note: Safety belt extenders are available in 9 inch (part number 89027366) and 15 inch (part number 89027367) through your dealer at no charge**

SEAT, FRONT

Cloth bucket seats with heavy-duty foam, sculptured for gun belts, high-wear fabric bolsters and seat back security panel; 8-way power driver with reclining seat back and lumbar control with quick adjust manual fore and aft movement. Passenger power 4-way adjuster, manual fore and aft movement with manual recline and lumbar optional 8-way passenger power seat available (see option A6F on page 9)

SEAT, REAR

Cloth bench (vinyl rear seat not available)

SMOKER'S PACKAGE

Not available

SPEEDOMETER/CLUSTER

160 mph certified analog, 1 mph increments, 1 mph redundant digital speed display with trip odometer, warning lamps and multifunction display with engine oil life monitor

STEERING WHEEL

Tilt and telescoping with audio controls

STEALTH MODE

[See exterior lamps control on page 12 for operation and description](#)

THEFT DETERRENT

Vehicle theft PASS-Key® III+

TRAP SPEED FEATURE

Traps (stores) certified vehicle speed in digital speedometer via steering wheel controls when following another vehicle

VISOR

Driver and passenger with covered mirrors

WARNING LIGHTS

Brake, safety belt, air bag, anti-lock brake and check engine, StabiliTrak, high beam, cruise control

WARNING TONES

Key-in-ignition, driver door open and safety belt reminder chime

WINDOW OPERATION

Power front and rear, automatic down front only with rear window lockout (switches located on floor console)

### ELECTRICAL FEATURES

AUXILIARY POWER, FRONT

110-amp ignition and main power supply wiring harness under lower right side of instrument panel. One 50-amp battery power circuit and two 30-amp relay controlled circuits are in a five foot coil provided for customer connection. Included in the harness are signal circuits for ignition power (HOT in START/RUN and ACCESSORY/RUN), vehicle radio mute, vehicle speed signal and a park-enable

AUXILIARY POWER, TRUNK

120-amp auxiliary power available in trunk

GROUND STUD

Auxiliary, located in trunk

POWER OUTLETS

Two auxiliary power outlets for additional plug-in equipment located on center console

WIRING PROVISIONS FOR:

EXTERIOR LAMPS FLASHING

Forward lamp in-line connector for Exterior Lamp Flashing System (see option 6J7 on page 9)

RADIO MUTE

A circuit is provided to mute the vehicle radio when a customer ground is applied (see Caprice wiring diagram section for details)

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

## EXTERIOR FEATURES

|                           |  |
|---------------------------|--|
| ANTENNA                   | Radio, roof mounted (center of roof near rear window)  |
| DEFOGGER                  | Electric, rear window  |
| DOOR LOCKS                | Power door locks (automatic door locking and unlocking feature is disabled, customer can reprogram to enable feature; to enable feature see owner's manual for programmable instructions). Keylock cylinder not available on passenger front door; child safety locks in rear door   |
| HEADLAMPS                 | Halogen, automatic lamp control with daytime running lamps. (For daytime running lamps delete see option VVS on page 9)  |
| KEYLESS ENTRY             | Includes two integrated keys and FOBs; the keyless entry system used on the Police Caprice includes a stealth mode feature. When the "unlock" or "lock" button is depressed, no exterior lamps or audible sounds are activated; however, the interior standard equipment dome lamp will illuminate at night unless option 7Y6, inoperative dome and courtesy lamps, is ordered (for additional transmitters option AMF must also be ordered) |
| KEYS                      | 2 keys with integrated remote keyless entry, side milled, two-sided, random code for ignition, driver door and trunk; options 6E3 or 6E4 available for single key locking of entire fleet  |
| LICENSE PLATE FRONT       | Mounting hardware included   |
| MIRRORS, OUTSIDE REARVIEW | Black, electric left hand and right hand remote with manual folding (heated available; see option DR9 on page 9)   |
| ONSTAR                    | Not available  |
| PAINT                     | Base coat/clear coat   |
| TRUNK LAMP                | Standard   |
| TRUNK RELEASE             | Electric, ignition controlled switch, located on instrument panel, with keylock cylinder on trunk lid  |
| UNDER HOOD LAMP           | Not available  |
| WINDSHIELD WIPERS         | Intermittent, 2-speed with variable dwell and vehicle speed dependant  |

## CHASSIS FEATURES

|                       |   |
|-----------------------|---|
| ALTERNATOR            | 170-amp, with idle boost (transmission in PARK or NEUTRAL) controlled by battery energy level sensing   |
| AXLE                  | 2.92 axle ratio with limited slip   |
| BATTERY               | 700 cca with battery rundown protection located in trunk (optional auxiliary 600 cca battery, 70-amp hour rating for accessory equipment is available; see option K4S on page 9)  |
| BODY                  | Body frame integral (unibody)   |
| BRAKES                | Power 4-wheel anti-lock heavy-duty disc brakes with police calibration  |
| COOLING               | Electric cooling fans; coolant hoses are EPDM (ethylene-propylene-diene monomer); coolant is DEX-COOL good for 5 years/150,000 miles (maintenance needs vary with different uses and driving conditions, see the owner's manual for more information), protects from -34° F to +265° F and against rust and corrosion   |
| CHASSIS LUBRICATION   | Lubed-for-life chassis  |
| ENGINE                | 6.0L V8 with FlexFuel <sup>2</sup> (gas or E85 ethanol) Active Fuel Management™; includes wide open throttle air conditioning cut off (when overhead lamps, spotlamps, radio antennas, sirens, and other emergency equipment are installed, overall performance may be reduced)   |
| ENGINE CRADLE         | Steel   |
| EXHAUST SYSTEM        | Stainless steel, dual   |
| FUEL TANK CAPACITY    | 19 gallons (71.6 Liters), approximate   |
| OIL COOLERS           | Engine, transmission and power steering   |
| RADIO SUPPRESSION     | Extended life - iridium tip spark plugs and wires that are designed to reduce radio frequency noise levels which may affect communications equipment including operating frequencies in the 38-MHz to 58-MHz range. The Caprice is designed with unibody construction, and multiple grounding points are provided for the vehicle electrical system. No additional ground straps are added for the Police Package   |
| STABILITRAK           | Stability enhancement system includes police performance mode activated by switch   |
| STARTER INTERRUPT     | Prevents starter from engaging while the engine is running  |
| STEERING              | Power, rack and pinion  |
| SUSPENSION            | 4-wheel independent with coil springs, front and rear stabilizer bars. Patrol vehicle specific shock, spring and stabilizer bar tuning  |
| TIRES                 | P235/50R18 blackwall with compact spare (full-size spare is available; see option QQ5 on page 9)  |
| TIRE PRESSURE MONITOR | CHECK TIRE PRESSURE will show on driver message center (excludes spare tire)  |
| TRACTION CONTROL      | Deactivated when police performance mode is engaged   |
| TRANSMISSION          | 6-speed automatic, electronically-controlled transmission provides protection against over-revving the engine in low gear; if a driver manually selects low gear and fails to manually upshift to high gear, the powertrain control module automatically protects the drivetrain. Includes sport shift mode where maximum engine power and transmission responsiveness is required. When in sport shift mode, the transmission will delay upshifts and allow earlier downshifts |
| WHEELS                | 18" x 8" heavy-duty steel   |
| WHEEL COVER           | Full wheel covers   |

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to [www.gmaltfuel.com/e85-station-locator](http://www.gmaltfuel.com/e85-station-locator).

**POWERTRAIN**

| ENGINE      |      |                             |   | TRANSMISSION |                            | AXLE        |                      |
|-------------|------|-----------------------------|---|--------------|----------------------------|-------------|----------------------|
| OPTION CODE | TYPE | DISPLACEMENT LITERS/CU. IN. | FUEL SYSTEM   | OPTION CODE  | TYPE                       | OPTION CODE | RATIO                |
| L77         | V8   | 6.0/364                     | E85 FlexFuel <sup>2</sup> or gasoline Active Fuel Management™ | MX0/MYC      | 6L80 6-speed auto. with OD | GW8<br>G80  | 2.92<br>Limited slip |

**EMISSIONS - MUST BE SPECIFIED**

|     |  |
|-----|--|
| FE9 | FEDERAL EMISSIONS. Use for ordering vehicles that will be registered in all states except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State  |
| YF5 | CALIFORNIA EMISSIONS. Use for ordering vehicles that will be registered in California.   |
| NE1 | CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS. Use for ordering vehicles that will be registered in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont or Washington State   |
| NB8 | Required when option code FE9 "FEDERAL EMISSIONS" is ordered for delivery to a dealer located in California, Connecticut, Massachusetts, Maryland, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island and Washington State for a purchaser who will be registering the vehicle outside California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington State.  |
| NC7 | Required when option code YF5 "CALIFORNIA EMISSIONS" or option code NE1 "CT/ME/MD/MA/NJ/NM/NY/OR/PA/RI/VT/WA EMISSIONS" is ordered for delivery to a dealer located in any state except California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington for a purchaser who will be registering the vehicle in one of these states or sold as permitted below under "EPA Policy on the Sale of California Emission Vehicles" |
| NB9 | Required when option code YF5 is ordered for delivery to a dealer located in Connecticut, Maine, Maryland, Massachusetts, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington. Required when option code NE1 is ordered for delivery to a dealer located in California.   |

**TIRES - SPEED RATED**

| MANUFACTURER | QUANTITY | SIZE       | SPEED RATING | TYPE       |
|--------------|----------|------------|--------------|------------|
| Goodyear     | 4        | P235/50R18 | W            | All season |

Note: • Compact spare is standard (full-size spare is available see option QQ5 on page 9)

• Due to specific requirements for performance, durability and safety, GM recommends only the original equipment tire for replacement

**SEATS AND INTERIOR TRIM**

|  | SEAT OPTIONS | ONYX |
|--|--------------|------|
| STANDARD Front: Cloth buckets<br>Rear: Cloth bench | AAW          | 4BB  |

**AVAILABLE EXTERIOR COLORS**

|   |   |   |   |  |   |   |
|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| Heron White   | Red Hot   | Karma Metallic  | Phantom Black Metallic  | Mirage Glow Metallic   | Silver Ice Metallic   | Alto Gray Metallic  |

*Actual colors may vary*

2. E85 is 85% ethanol and 15% gasoline. To see if there is an E85 station near you, go to [www.gmaltfuel.com/e85-station-locator](http://www.gmaltfuel.com/e85-station-locator).



# CAPRICE POLICE PACKAGE 9C1 AND 9C3 – OPTIONS | 9

|     |  |
|-----|--|
| AY0 | <b>AIR BAG<sup>1</sup>, HEAD CURTAIN ROOF RAIL MOUNTED</b> - Combined front and rear passenger   |
| K4S | <b>BATTERY, AUXILIARY</b> - Optional 600 cca, 70-amp hour battery to power customer installed equipment. The auxiliary battery is connected to the charging system through an isolation relay to prevent emergency equipment electrical loads from depleting the vehicle primary battery if the engine is not running and the ignition is OFF. Located in trunk  |
| VVS | <b>DELETE DAYTIME RUNNING LAMPS AND AUTOMATIC HEADLAMPS</b>  |
| 6J7 | <b>FLASHER SYSTEM, HEADLAMP AND TAIL LAMP</b> - DRL compatible, headlamp flasher module with wiring provisions to the front compartment for ON-OFF control and optional separate flashing of front and rear lamps  |
| 6A3 | <b>FLOOR COVERING</b> - Heavy-duty vinyl replaces production carpeting, (carpeted mats not available); included with AEH vinyl rear seat (not available on 9C3)  |
| 6B7 | <b>HOLE IN ROOF</b> - On center line (not available with 6J5 hole) with sealing harness grommet in roof hole   |
| 6J5 | <b>HOLE IN ROOF</b> - On passenger side (not available with 6B7 hole) with sealing harness grommet in roof hole  |
| AMF | <b>KEYS</b> - 6 keys, unless key common 6E3 or 6E4 is ordered, with integrated remote keyless entry; includes remote vehicle start if option BTM is ordered. Transmitters are not programmed. Each transmitter <b>including the two standard with the vehicle, must be programmed together</b> by the customer or by a dealer at customer expense. Transmitter programming is not a warranty item. See your owner's manual for additional programming information<br>note: Common frequency keyless entry for fleet keyed vehicles not available; each fleet keyed vehicle will have a different keyless entry frequency (key cutting and remote programming available through dealer purchase with Kerr Industries) |
| 6E3 | <b>KEYS COMMON</b> - Complete vehicle fleet, provides a single key with a specific code that is common to the door locks and ignition for all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E4 key common, complete vehicle fleet; not compatible with Impalas and Tahoes police vehicles  |
| 6E4 | <b>KEYS COMMON</b> - Complete vehicle fleet, provides a single key with a specific code that is common to the door locks and ignition of all the vehicles in the vehicle fleet; key code is an alternate to SEO 6E3 key common, complete vehicle fleet; not compatible with Impalas and Tahoes police vehicles   |
| 6C7 | <b>LAMP</b> - Front auxiliary dome, separately switched  |
| 7Y6 | <b>LAMP</b> - Inoperative dome and courtesy lamps (dome and courtesy lamp will not operate when doors are opened. Dome lamp is controlled only by the instrument light dimmer switches on the instrument panel)  |
| T53 | <b>LAMPS</b> - Alternate flashing <b>red and blue</b> trunk lid warning LED lamps (ON/OFF switch on trunk lid available through dealer direct purchase with Kerr Industries)   |
| B42 | <b>MAT</b> - Trunk, custom, fitted, heavy-duty vinyl molded edge to keep spills contained, removable for easy cleaning   |
| B34 | <b>MATS</b> - Carpeted front and rear (not available with 6A3 heavy-duty vinyl floor covering)   |
| DR9 | <b>MIRRORS</b> - Heated outside rearview, power, manual folding, Black   |
| 6N6 | <b>REAR DOOR LOCKS AND HANDLES INOPERATIVE</b> - Rear door locks are inoperative at rear door, operates only from driver's position, rear doors can be opened only from outside  |
| 6N5 | <b>REAR WINDOW SWITCHES</b> - Rear windows only operate from driver's position   |
| BTM | <b>REMOTE VEHICLE START</b> - During remote start operation, parking lamps will remain illuminated; includes vehicle content theft; unauthorized entry sounds horn and lamps flash   |
| A6F | <b>SEAT</b> - Front passenger power 8-way vertical and recline, manual fore and aft with bar includes power lumbar, recommended for agencies that operate with two officers  |
| AEH | <b>SEAT</b> - Rear vinyl, includes 6A3 heavy-duty vinyl floor covering (not available on 9C3)  |
| SGT | <b>SPEED LIMITER</b> - Limits top speed to 130 mph   |
| 7X6 | <b>SPOTLAMP</b> - Left hand, separately fused, six inch black housing with halogen lamp  |
| 7X8 | <b>SPOTLAMP PROVISION</b> - Left hand bracket with pillar hole sealed  |
| QQ5 | <b>TIRE, SPARE</b> - Full-size (includes TPM sensor not programmed)  |
| WX7 | <b>WIRING</b> - For customer connection to front door speakers   |
| 6J3 | <b>WIRING</b> - For grille lamps and siren speaker   |
| 6J4 | <b>WIRING</b> - For horn/siren circuit, in-line connection for customer furnished switch   |

- Note:**
- **Turn-Key Packages available only through your Chevrolet dealer**
  - **Direct purchase equipment is available through dealer direct order and purchase from Kerr Industries 905-725-6561**
  - **Warranty claims for direct purchase equipment must be directed through Kerr Industries**

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

# 10 | CAPRICE POLICE PACKAGE SPECIFICATIONS

## GENERAL

|       |            |
|-------|------------|
| Model | 1EW19      |
| Drive | Rear-wheel |

## EXTERIOR (in./mm)

|                                       |               |
|---------------------------------------|---------------|
| Wheelbase                             | 118.5/3009.0  |
| Overall length                        | 204.2/5186.1  |
| Overall width (excluding mirrors)     | 74.75/1898.7  |
| Overall height                        | 58.66/1489.95 |
| Front track width                     | 62.83/1596.0  |
| Rear track width                      | 63.23/1606.0  |
| Turning diameter curb to curb (ft./m) | 38.04/11.7    |
| Ground clearance (engine cradle)      | 5.6/142.2     |

## FRONT COMPARTMENT (in./mm)

|                    |               |
|--------------------|---------------|
| Head room          | 38.73/983.68  |
| Shoulder room      | 59.11/1501.3  |
| Hip room           | 56.65/1438.92 |
| Leg room (maximum) | 42.19/1071.6  |

## REAR COMPARTMENT (in./mm)

|                    |               |
|--------------------|---------------|
| Head room          | 37.56/954.91  |
| Shoulder room      | 58.94/1497.11 |
| Hip room           | 57.95/1472.05 |
| Leg room (minimum) | 43.21/1097.5  |

## LUGGAGE COMPARTMENT CAPACITY (cu.ft./liters)

|   |             |
|---|-------------|
| Luggage capacity <sup>3</sup> (includes full-size spare tire and auxiliary battery) | 17.4/492.71 |
|---|-------------|

## PASSENGER COMPARTMENT VOLUME INDEX (cu.ft./liters)

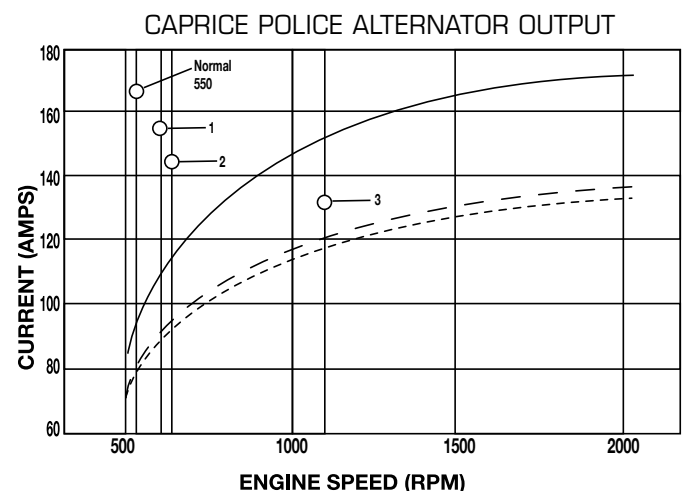
|   |            |
|---|------------|
| EPA passenger compartment volume index <sup>3</sup> | 112/3171.5 |
|---|------------|

## FUEL ECONOMY RATINGS CITY/HIGHWAY/COMBINED

|                          |          |
|--------------------------|----------|
| 6.0L engine <sup>4</sup> | 15/24/18 |
|--------------------------|----------|

## ALTERNATOR

|      |       |
|------|-------|
| Type | 9G135 |
| Amps | 170   |



|  |                         |
|--|-------------------------|
| — 14.0V / 77° F (25° C)  | Idle Boost 1 = 650 RPM  |
| - - - 13.25V / 221° F (105° C), Idle 121-amps @1100 RPM (Idle boost) | Idle Boost 2 = 700 RPM  |
| ----- 13.0V / 257° F (125° C)  | Idle Boost 3 = 1100 RPM |

3. Cargo and load capacity limited by weight and distribution.
4. EPA-estimated MPG.
5. Gross Vehicle Weight Rating (GVWR). When properly equipped, includes vehicle, passengers, cargo and equipment.
6. Maximum payload capacity includes weight of driver, passengers, optional equipment and cargo.

## ENGINE

|  |          |
|--|----------|
| Type   | V8       |
| Displacement: liters/cu. in.                     | 6.0/364  |
| Horsepower/rpm                                   | 355@5300 |
| Torque lb.-ft./rpm                               | 384@4400 |
| Induction system                                 | SFI      |
| Compression ratio                                | 10.4:1   |
| Exhaust  | Dual     |
| Minimum recommended fuel octane                  | 87       |
| Fuel tank capacity, approximate (gallons/liters) | 19/71.6  |
| Cooling capacity (quarts/liters)                 | 11.6/11  |
| Oil with filter (quarts/liters)                  | 8.0/7.6  |

## TRANSMISSION

|   |         |
|---|---------|
| Automatic, electronically-controlled with overdrive | 6-speed |
| Fluid pan removal & filter replace (quarts/liters)  | 6.7/6.3 |

## AXLE

|                           |      |
|---------------------------|------|
| Ratio (with limited slip) | 2.92 |
|---------------------------|------|

## BRAKES

|  |             |
|--|-------------|
| 4-wheel disc with ABS                            | Disc/Disc   |
| Front - swept area (sq. in./sq. cm)              | 310.6/788.9 |
| Rear - swept area (sq. in./sq. cm)               | 211.4/537.0 |
| Total front and rear swept area (sq. in./sq. cm) | 522.04/3368 |
| Front rotor diameter (in./mm)                    | 13.58/345   |
| Rear rotor diameter (in./mm)                     | 12.76/324   |
| Front rotor thickness (in./mm)                   | 1.18/30     |
| Rear rotor thickness (in./mm)                    | .87/22      |

## TIRES

|      |                              |
|------|------------------------------|
| Type | SBR all season W-speed rated |
| Size | P235/50R18                   |

## WHEELS

|      |          |
|------|----------|
| Type | Steel    |
| Size | 18" X 8" |

## CHASSIS

|                               |  |
|-------------------------------|--|
| Frame                         | Unibody  |
| Engine cradle                 | Steel  |
| Suspension                    | 4-wheel independent with coil springs, front and rear stabilizer bars<br>Patrol vehicle specific shock, spring and stabilizer bar tuning |
| Steering type                 | Variable ratio, rack-and-pinion  |
| Steering ratio (non-variable) | 17.5:1 on center/12.7:1 at full lock   |

## BATTERY

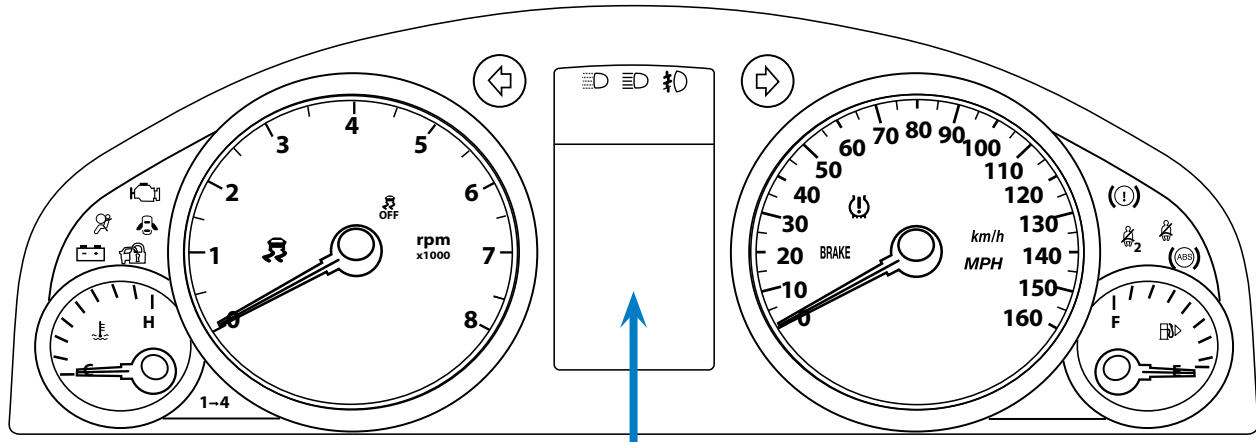
|                                  | STANDARD         | OPTIONAL AUXILIARY |
|----------------------------------|------------------|--------------------|
| Type                             | Maintenance free | Maintenance free   |
| BCI group size                   | LN4              | LN3                |
| Volts                            | 12               | 12                 |
| Amp hour rating                  | 80               | 70                 |
| Cold cranking amps @ 0°F (-18°C) | 700              | 600                |
| Reserve capacity @ 80°F (27°C)   | 140 mins         | 120 mins           |

## VEHICLE WEIGHT (Lbs./kg.)

|  |           |
|--|-----------|
| GVWR <sup>5</sup>  | 5339/2422 |
| Base curb (vehicle without original manufactures optional equipment) | 4259/1932 |
| Payload <sup>6</sup> (with bucket seats)                             | 926/420   |

**Note:** See your vehicle tire and loading information label for specific weight values. See your owner's manual supplement for proper cargo loading distribution

UNITED STATES CERTIFIED SPEEDOMETER/CLUSTER (CANADIAN SIMILAR)



DRIVER INFORMATION MESSAGE CENTER

## ELECTRICAL FUNCTION CUSTOMIZATION FEATURE

### AUTO DOOR LOCKING

|                         |   |
|-------------------------|---|
| <b>DISABLED*</b>        | No automatic door locking   |
| <b>AT VEHICLE SPEED</b> | Automatic lock all doors when vehicle speed is above 8 mph (13 kph) |
| <b>OUT OF PARK</b>      | Automatic lock all doors when the shifter is moved out of park.     |

### AUTO DOOR UNLOCKING

|                               |   |
|-------------------------------|---|
| <b>DISABLED*</b>              | No automatic door unlocking                                   |
| <b>FRONT DOORS AT KEY OUT</b> | Automatic unlock when key is removed from the ignition switch |
| <b>ALL DOORS AT KEY OUT</b>   | Automatic unlock when key is removed from the ignition switch |
| <b>FRONT DOORS IN PARK</b>    | Automatic unlock when the shifter is moved into park          |
| <b>ALL DOORS IN PARK</b>      | Automatic unlock when the shifter is moved into park          |

### VISUAL FEEDBACK ON REMOTE LOCK/UNLOCK

|                  |   |
|------------------|---|
| <b>DISABLED*</b> | No turn indicator lamps flash on remote lock and unlock |
| <b>ENABLED</b>   | Flash turn indicator lamps on remote lock and unlock    |

### AUDIBLE FEEDBACK REMOTE LOCK

(NO MENU OPTION – FEATURE IS PERMANENTLY DISABLED)

|                  |                       |
|------------------|-----------------------|
| <b>DISABLED*</b> | No horn chirp on lock |
|------------------|-----------------------|

### REMOTE START

(IF OPTION BTV IS ORDERED)

|                 |   |
|-----------------|---|
| <b>DISABLED</b> | Remote Start will not function            |
| <b>ENABLED*</b> | Remote Start available via remote key FOB |

### APPROACH LAMPS

|                  |   |
|------------------|---|
| <b>DISABLED*</b> | No approach lamps                         |
| <b>ENABLED</b>   | Turn on approach lamps with remote unlock |

### EXIT LAMPS TIMER

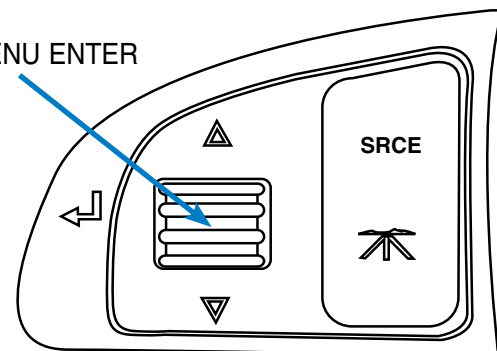
|                    |  |
|--------------------|--|
| <b>DISABLED*</b>   | No exit lamps after key off                      |
| <b>30 SECONDS</b>  | Turn on exit lamps for 30 seconds after key off  |
| <b>60 SECONDS</b>  | Turn on exit lamps for 60 seconds after key off  |
| <b>90 SECONDS</b>  | Turn on exit lamps for 90 seconds after key off  |
| <b>180 SECONDS</b> | Turn on exit lamps for 180 seconds after key off |

### TWO-STAGE UNLOCKING

|                 |   |
|-----------------|---|
| <b>DISABLED</b> | Single-stage unlocking of all door locks          |
| <b>ENABLED*</b> | Two-stage unlocking of front then rear door locks |

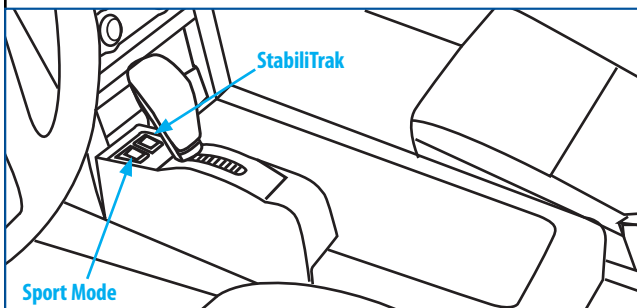
## STEERING WHEEL CONTROL FOR CUSTOMIZATION

MENU ENTER



Electrical Features may be changed from the factory default settings by using the TRIP button to scroll to the Customization Menu displayed in driver information center and pressing the ENTER button. Scroll through the Customization Menu by rotating the ENTER button up or down. Press ENTER to select a feature to be changed. See your owner's manual for additional directions for customizing your Caprice Police Package electrical functions listed in the chart above.

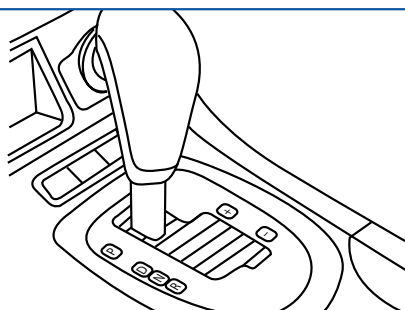
**\* Indicates the factory default setting**

**9C1 POLICE PACKAGE PPV –  
SHIFT LEVER**

The offset shift lever is located on the floor adjacent to the driver. 10 in open space between seats for aftermarket supplied equipment.

The system can be placed into sport mode by pressing the Sport Mode button. The message SPORT MODE will appear momentarily in the DIC to indicate the sport mode has been selected. A small fixed message will appear on the bottom of the DIC display with the text SPORT MODE and will remain while the sport mode is engaged. This mode allows maximum engine power and transmission responsiveness while providing "over-rev" protection.

Pushing StabiliTrak button turns off traction control and puts StabiliTrak in Performance Mode. Allows more aggressive driving before StabiliTrak will engage.

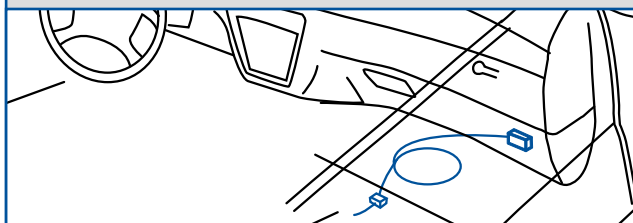
**9C3 DETECTIVE POLICE PACKAGE –  
SHIFT LEVER**

The shift lever is located on the center console between the front seats.

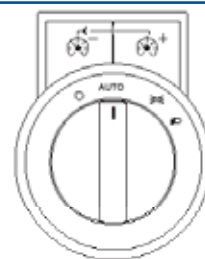
**Sport Shift Mode**

Move the shift lever over from D (Drive) to the right quadrant. The SPORT SHIFT message in the DIC displays. If the shift lever is not moved forward or rearward, the vehicle remains in sport mode.

To return to normal shift mode, slide the shift lever over from the right quadrant to the left into D (Drive). A NORMAL SHIFT message will be displayed in the DIC. Normal shift mode is recommended for normal or freeway driving, as it provides optimum fuel economy.

**WIRING PROVISIONS FOR 12-VOLT  
BATTERY POWER SUPPLY**

Police relay outputs and control circuit connections are located in the right front foot well in a 5-foot (1.5 m) coil. Battery power is supplied through two Pre-fuse Assembly fusible links. If the optional auxiliary battery (K4S) is not present, power to the Pre-fuse Assembly is supplied by the Primary battery. Three circuit breakers and two control relays are located in the right rear compartment relay center. The relay center is connected via the body harness to the front compartment customer connections. A 50-amp circuit breaker feeds power directly from the 100-amp fusible link via a 10-gauge (5.0mm<sup>2</sup>) wire. Two 30 amp circuit breakers supply power from fusible links through the contacts of the control relays to 12-gauge (3.0 mm<sup>2</sup>) wires. Each relay is operated by control leads in the 5-foot coil in the front compartment. An 8-gauge ground lead is also provided in the coil. A total of 1320-watts of 12-volt power is available in the front compartment. 1440-watts of 12-volt power is available at the rear compartment junction block.

**EXTERIOR LAMPS CONTROL**

**VVS – Delete Daytime Running Lamps and Automatic Headlamps.** This option disables the Daytime Running Lamps and Automatic Headlamps control feature. Exterior lamps are manually controlled only. Option VVS is not available in Canada. The headlamp control on the driver's side of the instrument panel operates the headlamps.

If your Caprice does not have option VVS, Daytime Running Lamps and Automatic Headlamps Delete, the Daytime Running Lamps and Automatic Headlamps can be turned off for one ignition cycle by rotating the control knob momentarily counter-clockwise. Rotating the headlamp switch again will turn the daytime running lamps or automatic headlamps back on.

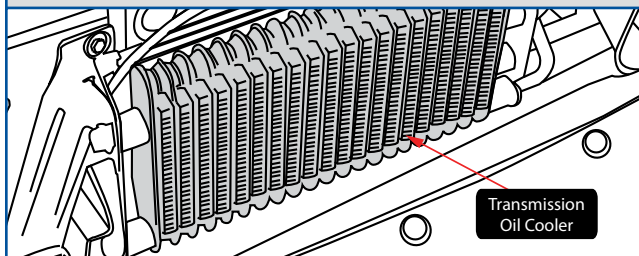
In Canada, the Daytime Running Lamps and Automatic Headlamps can be turned off if the transmission is in Park. See also Caprice owner's manual.

**KEYLOCK CYLINDER - TRUNK LID**

If your vehicle is equipped with Remote Start, a Content Theft Deterrent System is included; an audible alarm will occur when the ignition key is used to open the trunk instead of the Remote Keyless Entry (key FOB).

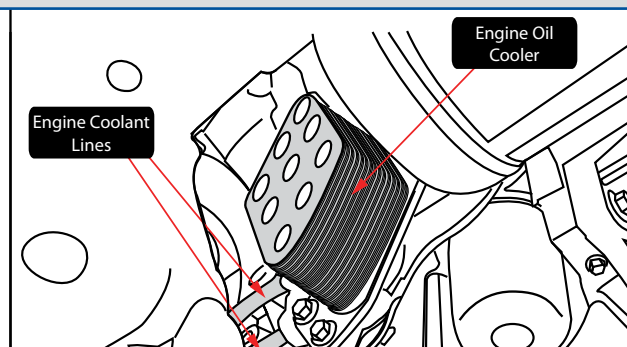


## TRANSMISSION OIL COOLER



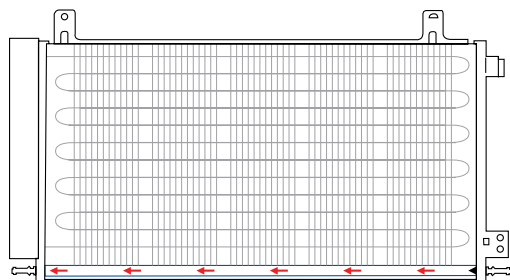
The auxiliary air-to-oil cooler is mounted in front of the condenser/coolant radiator assembly and is connected in series with a cooler in the coolant radiator bottom tank.

## ENGINE OIL COOLER



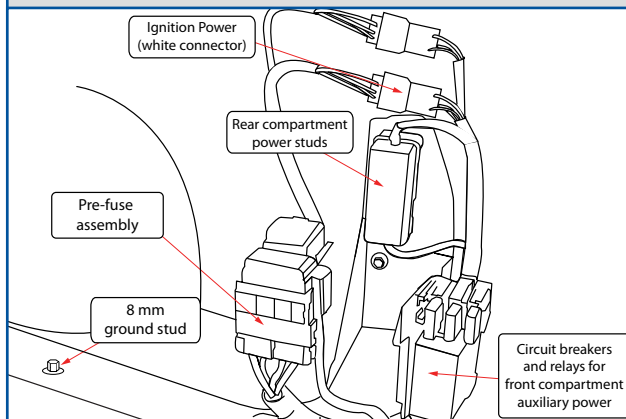
The oil-to-coolant engine oil cooler system is mounted on the left side of the lower engine block forward of the oil filter. Engine oil flows through the stacked plate cooler from the engine oil sump and returns. Coolant flows from through the cooler from the engine block and returns to the radiator through a connection to the radiator inlet hose.

## POWER STEERING OIL COOLER



The power steering oil cooler passes through the lower air conditioning condenser. Power steering oil flows from the steering gear into the lower left of the condenser and cooled oil returns to the steering gear from the lower right end.

## REAR AUXILIARY POWER AND GROUND STUD



An auxiliary power junction block is located at the right side of the rear compartment. The junction block is at the rear of the auxiliary battery tray and contains a split bus with two terminals for customer connection to 12-volt battery power.

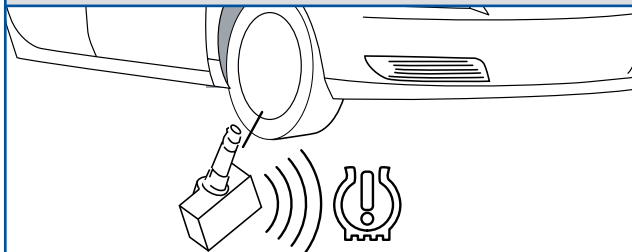
The split bus is connected to the primary battery located at the left side of the rear compartment. When the optional auxiliary battery (RPO K45) is present, the split bus is connected to the auxiliary battery through an isolation relay.

Two 60-amp fusible links connect the bus to the battery. Maximum combined capacity of the two circuits is 1320-watts.

An 8 mm ground stud for customer connection is located at the inboard front corner of the right side battery tray.

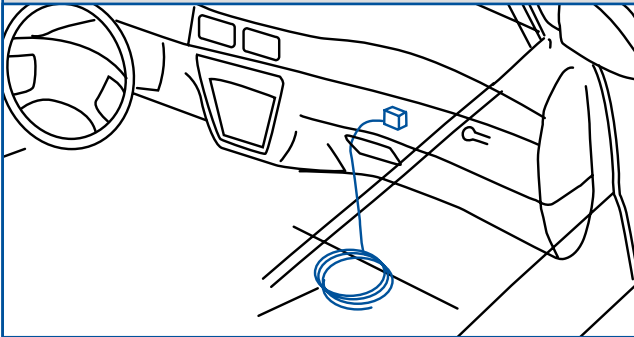
**A Pink/Blue ignition controlled power circuit, HOT in RUN/START, terminates in a white connector located above the auxiliary battery power junction block. This same circuit is also located in the front passenger foot well upfitter harness (see p.23). A 10 Amp fuse (F38) protects both circuits and is located in the engine compartment fuse center. The total power available for the combined front and rear circuits is 60 watts.**

## TIRE PRESSURE MONITOR SYSTEM



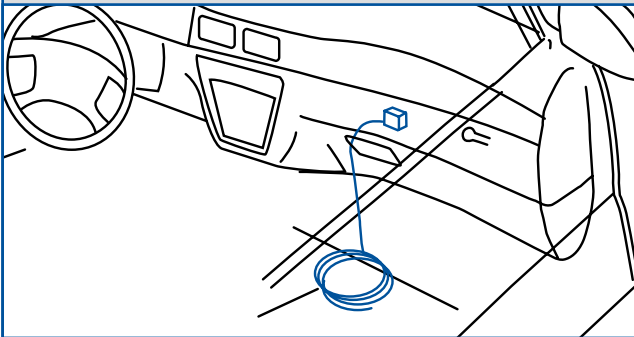
Your vehicle is equipped with a Tire Pressure Monitor (TPM) System which warns of low tire pressure. Your Caprice Police Package may be equipped with a full-size spare tire (see page 9) The full-size spare tire has a sensor but the vehicle is not programmed to read the spare tire pressure. When the full-size 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.

### WX7 WIRING - FRONT SPEAKERS



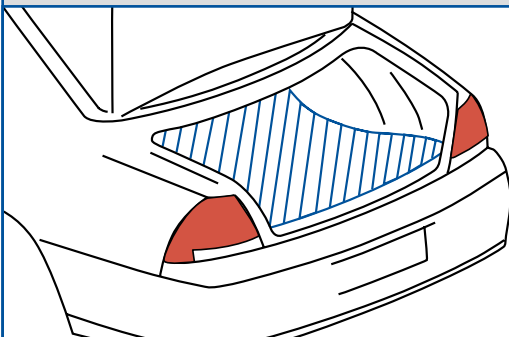
Approximately 60 inches (1.5 m) of auxiliary speaker wire is run from the door-mounted speakers and coiled under the center of the instrument panel for customer connection to front speakers. Front Speakers are not connected to vehicle radio.

### 6J4 WIRING - HORN/SIREN CIRCUIT



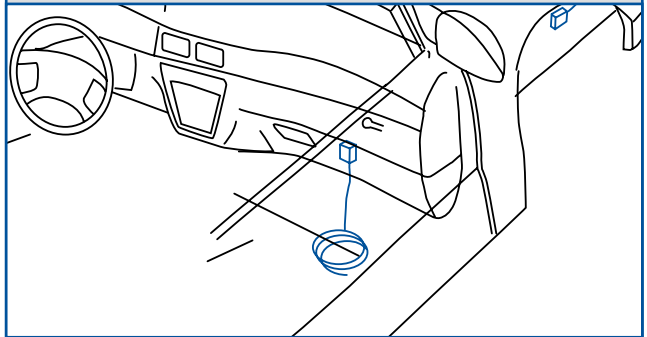
Two 16-gauge wires are connected to an in-line connector in the horn circuit of the instrument panel harness under the instrument panel. The end of this harness extension is terminated with an in-line connector in a 60-inch (1.5 m) coil under the instrument panel. Connection to customer switching permits operation of the horn or siren with the horn button.

### B42 MAT - TRUNK



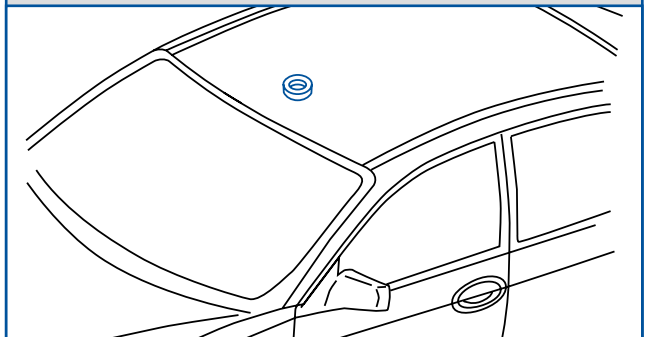
Custom fitted, heavy-duty vinyl molded edge to keep spills contained, removable for easy cleaning

### 6J3 WIRING - GRILLE LAMPS, SPEAKER



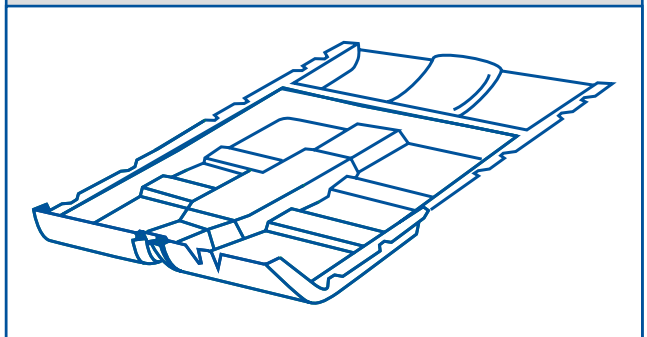
The SEO 6J3 wiring provision has a 60-inch (1.5 m) harness coiled underneath the instrument panel on the passenger side. The wiring circuits are routed from under the instrument panel to a 2-foot (610 mm) coil secured in the area behind the grille, to the left of the hood latch assembly.

### 6C7 LAMP - AUXILIARY DOME

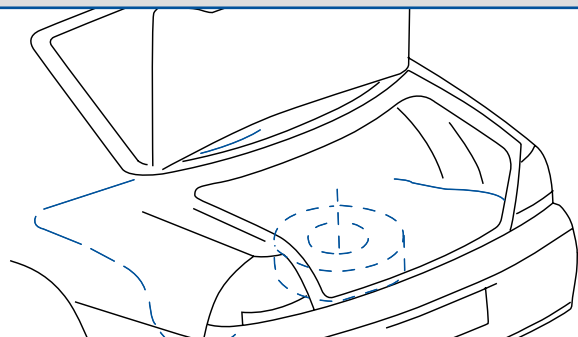


Auxiliary dome lamp is located to the rear of the vehicle dome lamp. The auxiliary lamp is wired independently from the standard dome lamp.

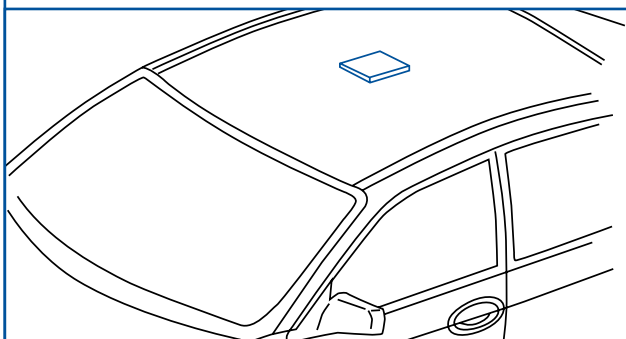
### 6A3 COVERING - FLOOR



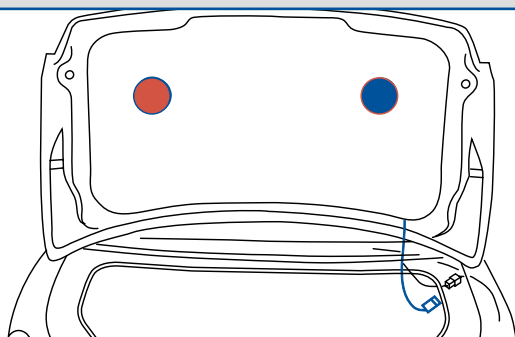
Black heavy-duty front and rear. Replaces production carpeting.

**QQ5 FULL SIZE SPARE**

Full-size spare tire is mounted under the load floor. The full-size spare tire includes a Tire Pressure Monitor (TPM) sensor which must be programmed to the TPM System after the spare tire is installed.

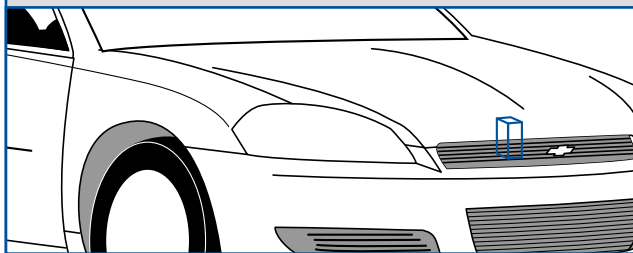
**7Y6 LAMP - INOPERATIVE DOME**

Dome and courtesy lamps will not operate when doors are opened. Front and rear dome lamps are controlled only by the switch at the front dome lamp console.

**T53 LAMPS - TRUNK LID WARNING**

Two 4-inch, single faced, red and blue LED lamps are mounted to the deck lid inner panel. Lamps are activated by the deck lid ajar mechanical switch when deck lid is opened. Lamps are wired to flash alternately through a flasher located at the upper right hand corner of the trunk opening. An optional switch is available from Kerr Industries and is located at the right side of the deck lid to permit the flashing red/blue lamps to be turned off.

Wiring is protected by fuse F8 in the rear fuse block located on top of the standard battery in the trunk.

**6J7 EXTERIOR LAMP EMERGENCY FLASHING SYSTEM, HEADLAMPS, TAIL LAMPS AND BACKUP LIGHTS****HEADLAMPS**

This option provides a flashing module, headlamp alternate high beam flashing, rear alternate flashing of the stop and backup lamps and a control wire for connection a customer furnished ON/OFF switch. A second control wire permits optional separate control of headlamp flashing and rear lamps flashing via customer switching.

The headlamp flashing module is located at the right side of the underhood electrical center. The headlamp flashing module is activated by application of 12-volts to a dark green/red wire coiled in the right front footwell. When activated, the left and right high beams and the high beam instrument cluster telltale will flash alternately at 2.4 flashes per second.

During daylight conditions, the Daytime Running Lights (DRL) are automatically deactivated whenever the headlamp flasher module is activated; during nighttime conditions, the low beams are automatically on while the high beams flash (unless option VVS is present). Activating the high beam switch will override the flashing mode and the high beams will operate continuously.

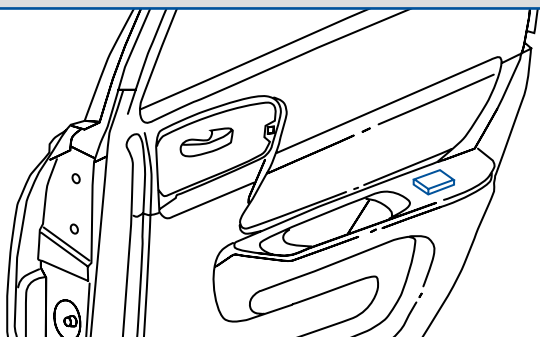
A 15-amp fuse (F16) protects the front flasher circuit and is located in the engine wiring harness junction block at the right side of the engine compartment.

**TAIL LAMPS AND BACKUP LAMPS**

When the headlamp flashing module is activated the body control module will cause the left and right stop lamps to flash alternately with the backup lamps at a rate of 2.4 flashes per second. The center high-mounted stoplamp does NOT flash and operates only with application of the service brakes. During nighttime conditions, the tail lamps are automatically ON (unless option VVS is present).

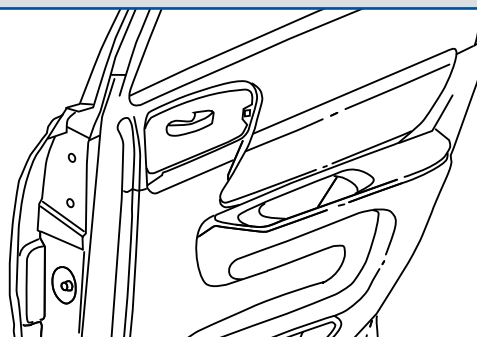
Activation of the headlamp and rear lamp flashing can be separated. Call Kerr Industries at 905-725-6561 for instructions.

### 6N5 SWITCHES - REAR WINDOW INOPERATIVE



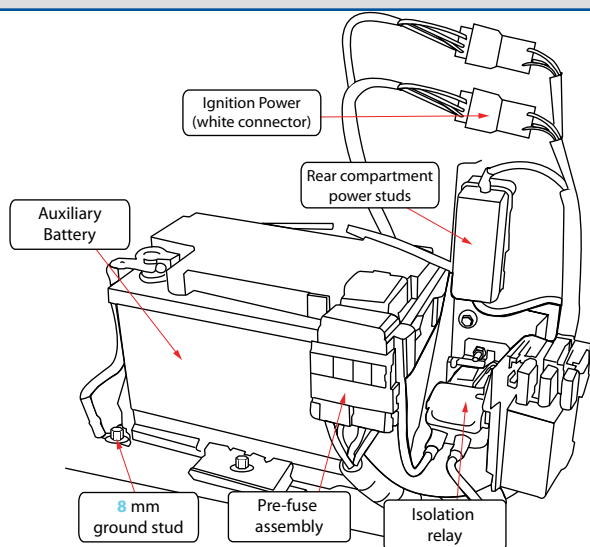
Rear door window switches are inoperative. Rear door power regulators are operable only from driver position switches.

### 6N6 - REAR DOOR LOCKS AND HANDLES INOPERATIVE



Rear doors can only be opened from the outside.

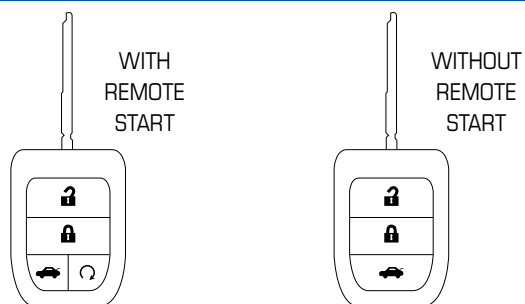
### K4S - AUXILIARY BATTERY



Option K4S, Auxiliary Battery, consists of a 600 cca battery mounted at the right side of the rear compartment and is connected to the electrical system via a Pre-fuse Assembly. Also included is an isolation relay which is activated whenever the ignition is ON. The isolation relay is intended to isolate the auxiliary battery and connected load from the primary battery to avoid unintended rundown of the primary battery. Whenever the ignition is ON and the engine is running, the primary battery and auxiliary batteries are being charged, as determined by the charging system controls.

A Pink/Blue ignition controlled power circuit, HOT in RUN/START, terminates in a white connector located above the auxiliary battery power junction block. This same circuit is also located in the front passenger foot well upfitter harness (see p.23). A 10 Amp fuse (F38) protects both circuits and is located in the engine compartment fuse center. The total power available for the combined front and rear circuits is 60 watts.

### AMF - PACKAGE OF 6 KEY/TRANSMITTERS



#### NEW KEY LEARN PROCEDURE

1. Cut the new key blank to match the vehicle key (master key)
2. Using the master key, turn ON the ignition, with the engine OFF
3. Turn OFF the ignition and remove the key
4. Within 10 seconds of turning OFF the ignition, insert the key to be learned and turn ON the ignition. The vehicle has now learned the new key.

#### REMOTE TRANSMITTER LEARN PROCEDURE

1. Ignition must be ON and transmission in PARK (P)
2. Press the TRIP button until the customization trip page is reached.
3. Press the ENTER button on the enter the customization menu.
4. Scroll down to the 'Remote Key' menu item and press ENTER
5. Scroll down to the 'Program' menu item and press ENTER
6. Press and hold the LOCK and UNLOCK button on the first transmitter at the same time for approximately 15 seconds. 2 beeps will sound indicating the transmitter is matched.
7. Repeat set 6 for the additional transmitters.
8. To exit the programming mode, key the ignition to OFF.



## **Can specialty vehicle equipment (e.g. radar devices, video cameras, computers, meters, radio trees, shotguns, etc.) still be mounted in cars with passenger side air bags?**

Yes, but care must be taken to mount the equipment outside of the deployment zone. Air bags inflate with great force and will interact with any object in the deployment zone. Therefore, to reduce the risk of injury to vehicle occupants, GM recommends that the air deployment zone be kept free of any equipment. If a piece of equipment were to become dislodged it could strike an occupant in the vehicle and result in injury. The likelihood of an object becoming dislodged is influenced by many factors, including the proximity of the object to the inflatable restraint, the size and shape of the object, and the means by which the object is secured to the vehicle. In addition to these factors, the trajectory and velocity of a dislodged object can be influenced by the type and severity of vehicle crash.

Objects that are in the deployment zone, but do not become dislodged by an inflating air bag can still affect the performance of the air bag. For example, such objects could tear the fabric or affect the shape of the air bag, thus reducing the ability of the bag to provide restraint.

## **Is it possible to shield equipment that is installed in the passenger side frontal air bag deployment zone in a manner that will allow full and safe air bag deployment?**

Due to the complexity of influencing variables, GM is unable to evaluate the potential for shielding expected equipment configurations in all accident scenarios in order to assure that the air bag performance would be unaffected. While shielding may protect certain equipment from being damaged or dislodged, it may also negatively affect the inflation characteristics of the air bag. The air bag's shape, inflation angle, fold pattern, and inflation rate and pressure are developed to maximize the protection capability of the inflatable restraint system. Therefore, GM cannot recommend the placement of any equipment in the deployment zone, even if it is shielded to protect it from damage.

## **Front air bag systems and instrument panel mounted equipment.**

Passenger air bags in GM vehicles deploy in different ways depending upon the type of vehicle and the particular instrument panel design.

In some vehicles, the passenger air bag deploys through a discrete door located on the top surface of the instrument panel (top-mount air bag systems). In other vehicles, such as the Chevrolet Tahoe, the passenger air bag deploys through a discrete door mounted on the vertical rearward surface of the instrument panel, above the glove box door (mid-mount air bag system). With these types of top-mount and mid-mount passenger air bag systems, the top pad of the instrument panel remains in place during deployment.

Some GM passenger air bag systems, like the system in the Chevrolet Impala, deploy from beneath the instrument panel top pad. These are considered 3/4-mount air bag systems with a "deployable top pad." The entire instrument panel top pad is the "deployment door" from under which the inflating air bag emerges. When an air bag deployment is commanded, the forces from the inflating passenger air bag push up on the instrument panel top pad, releasing special fasteners across the rearward edge of the top pad. This allows the top pad to rotate upward so that the passenger air bag may emerge. The top pad rotates upward to open widest at the right hand side, and is usually forced upward into contact with the windshield on the right hand side of the vehicle during a deployment.

Instrument panel top mounted special equipment, such as a radar antenna and control unit or video camera must be positioned to the left of the vehicle center line. This equipment must be mounted as low as possible and securely fastened to the top pad to avoid being dislodged in the event of a crash and possible air bag deployment. In the process of securely fastening special equipment to the top, DO NOT fasten down the top pad itself to any other vehicle component such as the cluster trim plate. As described above, the top pad rotates upward during a deployment. In order to enable the proper deployment of the passenger air bag, specialty equipment installation MUST NOT PREVENT the top pad from rotating upward during deployment. Location and attachment of special equipment should minimize added resistance or interference to upward rotation of the top pad during deployment.

## **Optional side air bags for crashes to the vehicle sides.**

The air bag system in your police vehicle may include optional side air bags for front and rear occupants. Most front-to-rear side air bags are designed to deploy downward from the interior roof sides to the bottom of the door windows.

## **Can Specialty Vehicle Security Barriers be mounted within the side air bag deployment zones?**

No. The side air bags inflate extremely fast because of the nature of side crashes to the vehicle. Mounting a security barrier behind the front seats with the ends placed within the side air bag deployment zones will result in unintended interaction between the barrier and the inflating side air bags. To reduce the risk of injury to the vehicle occupants, GM recommends that the side air bag zones be kept free of any customer installed equipment.

## **Customer furnished equipment installed to the vehicle roof.**

Your police vehicle is designed with an interior roof cover system which includes internal components for the interior lamps and wiring. The roof system may also include optional side air bag components. Inflation devices may be mounted on the vehicle roof side behind the rear doors as well as air bag tethers retained to the windshield pillars. Care must be taken to avoid damage to these components or interference with their operation when installing roof mounted equipment such as emergency lamps and communication antennas.

## **Recommended GM service procedures must be followed to remove and re-install the instrument panel top pad to ensure that the top pad will release properly in the event of a passenger air bag deployment.**

On the right half of the top pad closest to the passenger air bag module, GM recommends that no equipment be mounted. When mounting equipment on the driver side of the top pad, GM recommends that the total mass of the top pad mounted special equipment not exceed 8 pounds (3.6 kilograms), since the top pad tends to rotate about the left end.

Fasteners used to secure special equipment to the instrument panel top pad, the windshield glass, or to the windshield upper frame (header), should be selected to ensure that these devices will remain attached during a vehicle crash and possible air bag deployment.

Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

**Can the installation of push bumpers on the front end of the vehicle affect the deployment of the air bag?**

General Motors is not aware of adverse effects during crash events from the many push bumpers that have been installed on GM police vehicles. Because there are many styles of push bumpers available with varying crash characteristics, installation of push bumpers may or may not affect deployment timing of the air bags. Push bumpers should be mounted to avoid modifying the vehicle structure and interfering with the front air bag sensors mounted on the upper radiator support cross member.

Two front impact sensors are installed in General Motors vehicles. Do not relocate or disconnect the front sensors. The location and orientation of the front sensors are critical for correct operation of the air bag system. Avoid mounting components on or near the sensors. Push bumper styles with vertical pushing members that are in fore-aft alignment with the front air bag sensors are not recommended.

**How long will the air bag remain inflated?**

It takes approximately 1/20th of a second to fully inflate the frontal air bags. This is faster than the blink of an eye. The air bags begin to deflate immediately, helping to stop the occupants more gradually.

**Can the air bag system be re-used?**

No. The air bags are designed to inflate only once. After inflation some new parts will be required. These will include the air bag module and possibly other parts. (A competent service technician with access to the vehicle's service manual and the required tools should replace the required components after a deployment crash.)

**I've heard that the dusts that are released into the passenger compartment from the air bag are harmful. Is this true?**

For most people, the only effect the dusts will produce is some irritation of the throat and eyes, and that is only if the occupant remains in the vehicle for many minutes after the air bag deployment with no ventilation and windows closed. However, some people with asthma may develop an asthmatic attack from inhaling the dusts. If this happens, they should first treat themselves the same way their doctor has advised them to treat any other asthma attack, and then immediately seek medical treatment.

**When should an air bag inflate?**

The driver's and right-front passenger's frontal air bags are designed to inflate in moderate to severe frontal or near-frontal crashes. But they are designed to inflate only if the impact speed is above the system's designed "threshold level."

In addition, if your vehicle has "dual stage" frontal air bags, these air bags tailor the amount of restraint according to crash severity. For moderate frontal impacts, the air bags inflate at a level less than full deployment. For more severe frontal impacts, "dual stage" frontal air bags deploy at full levels.

If the front of your vehicle goes straight into a wall that doesn't move or deform, the threshold level of the reduced deployment is about 12 to 16 mph (19 to 15 km/h), and the threshold level for a full deployment is about 18 to 24 mph (29 to 28.5 km/h). The threshold level can vary, however, with specific vehicle design, so that it can be somewhat above or below this range.

If your vehicle strikes something that will move or deform such as a parked car, the threshold level will be higher. The driver's and right-front passenger's frontal air bags are not designed to inflate in rollover, side impacts, or rear impacts, because inflation would not help the occupant.

Seat mounted side impact air bags are designed to inflate in moderate to severe side crashes. The side impact air bags will inflate if the crash severity is above the designed "threshold level." The threshold level can vary with specific vehicles design. The side impact air bags are not designed to inflate on frontal or near-frontal impacts or rear impacts, because inflation would not help the occupant.

Roof rail mounted head-curtain airbags are designed to inflate in moderate to severe side crashes. In addition, certain vehicles have head-curtain air bags which are also designed to inflate in situations where an impending rollover condition is identified by the vehicle's rollover sensing system and/or frontal or near-frontal impacts if the crash severity is above the designed "threshold level".

Safety belt pretensioners at the driver and front passenger seat positions are designed to deploy in frontal, near-frontal, side, and rear crashes that exceed the "threshold level" of crash severity to help reduce slack in the safety belt. Safety belt pretensioners will also deploy in impending rollover situations.

**I've heard that a deployed air bag produces what appears to be smoke. Is the air bag hot?**

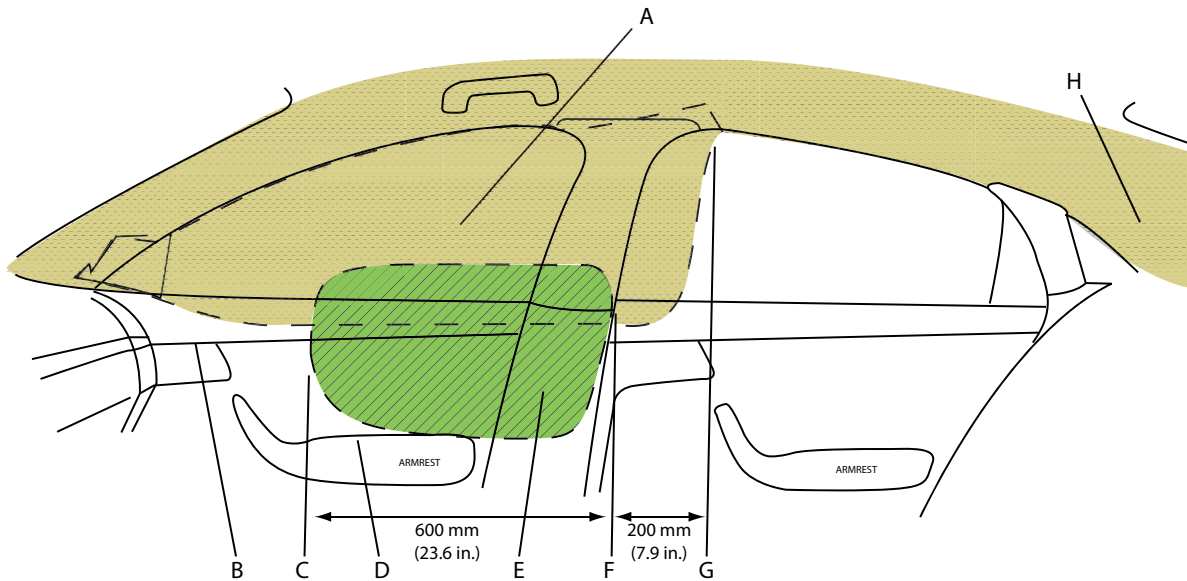
After the bag has deployed in a crash, the air bag itself will not be hot to touch. Some components within the air bag module will be hot for a short time. A small amount of smoke coming from a deployed air bag module is normal and should not be cause for concern.

Also, when the nitrogen gas is vented out of the air bag, small particles from inside the bag are also vented into passenger compartment. These airborne particles look like smoke and some particles are deposited as residue on and around the air bag.

**If my vehicle has air bags, why should I have to wear my safety belt?**

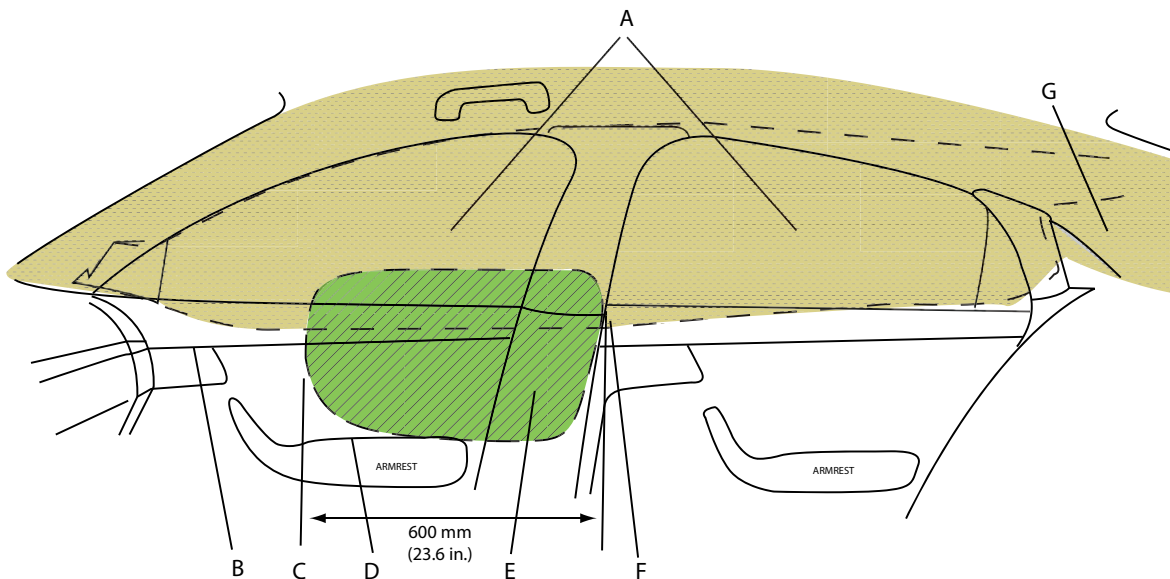
Air bags are in many vehicles today and will be in most of them in the future. But they are supplemental systems only; so they work with safety belts - not instead of them. Every air bag system ever offered for sale has required the use of safety belts. Even if you're in a vehicle that has air bags, you still have to buckle up to get the most protection. That's true not only in frontal collisions but especially in side and other collisions.

*Note: All dimensions are approximate and subject to change.*



STANDARD HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG<sup>1</sup> DEPLOYMENT ZONES  
PASSENGER SIDE SHOWN, DRIVER SIDE SIMILAR

- |  |   |
|--|---|
| A. Head curtain air bag zone — front seats ONLY      | E. Front seat thorax air bag zone                                     |
| B. Top of door handles                               | F. Back edge of body center pillar trim at bottom of rear door window |
| C. Fore-most end of seat-mounted thorax air bag zone | G. Rear-most end of front head curtain zone                           |
| D. Top of front door armrest                         | H. Zone extends into sail panel area                                  |



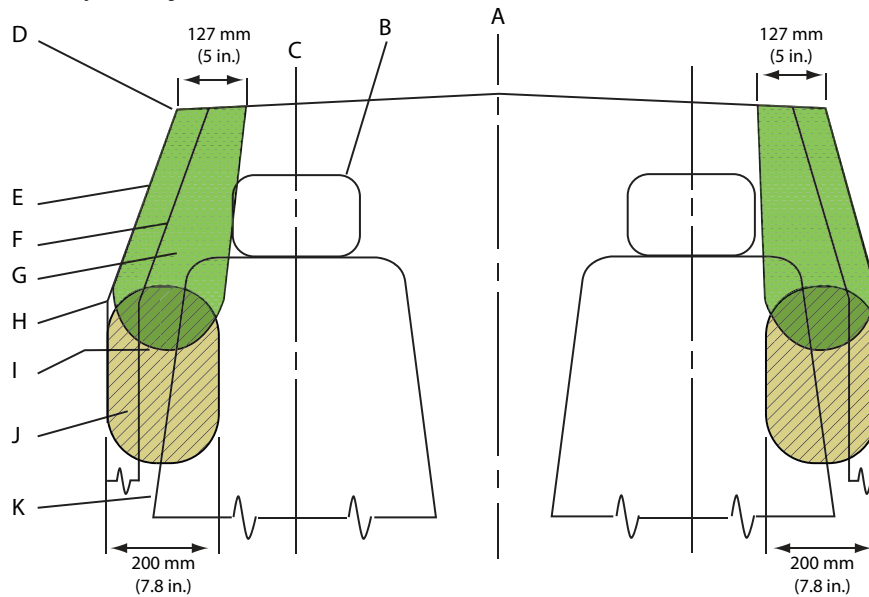
OPTIONAL (RPO AYO) HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG<sup>1</sup> DEPLOYMENT ZONES  
PASSENGER SIDE SHOWN, DRIVER SIDE SIMILAR

- |  |   |
|--|---|
| A. Head Curtain air bag zone — front and rear seats  | E. Front seat thorax air bag zone                                     |
| B. Top of door handles                               | F. Back edge of body center pillar trim at bottom of rear door window |
| C. Fore-most end of seat-mounted thorax air bag zone | G. Zone extends into sail panel area                                  |
| D. Top of front door armrest                         |   |

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

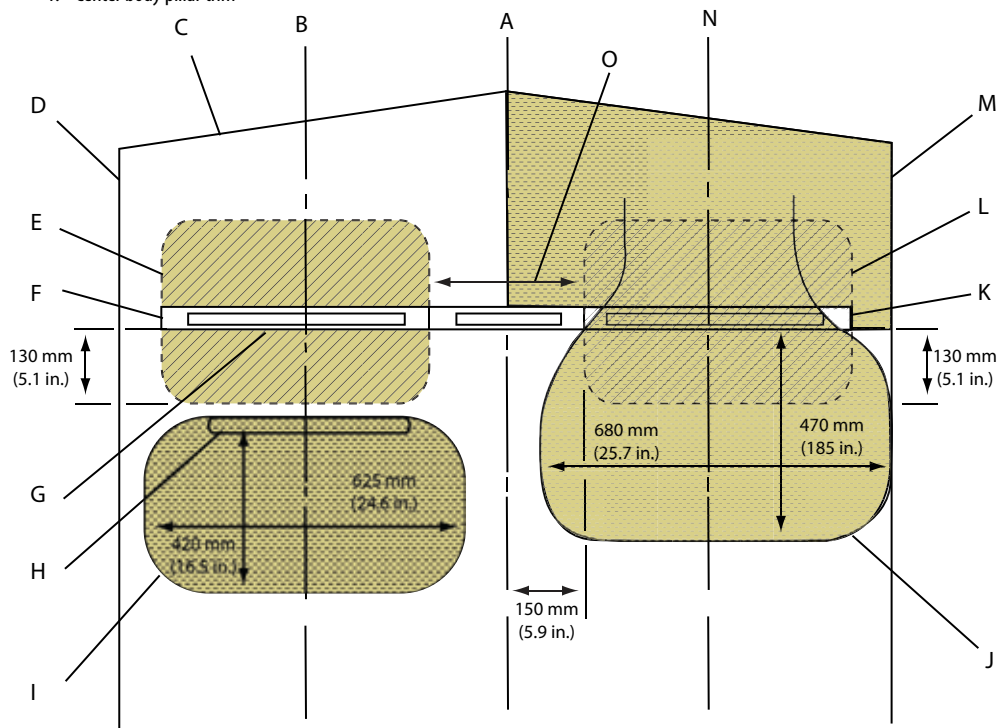
# 20 | CAPRICE POLICE PACKAGE AIR BAGS

Note: All dimensions are approximate and subject to change.



HEAD CURTAIN AND FRONT SEAT-MOUNTED SIDE IMPACT AIR BAG<sup>1</sup> DEPLOYMENT ZONES  
VIEW FROM REAR SEAT, RIGHT SIDE IS MIRROR OF LEFT SIDE

- |                            |  |
|----------------------------|--|
| A. Vehicle center-line     | G. Head curtain air bag zone           |
| B. Headrest                | H. Bottom of door windows              |
| C. Center-line of occupant | I. Front door handle                   |
| D. Edge of headliner       | J. Front seat back thorax air bag zone |
| E. Door inner trim panel   | K. Seat back                           |
| F. Center body pillar trim |  |



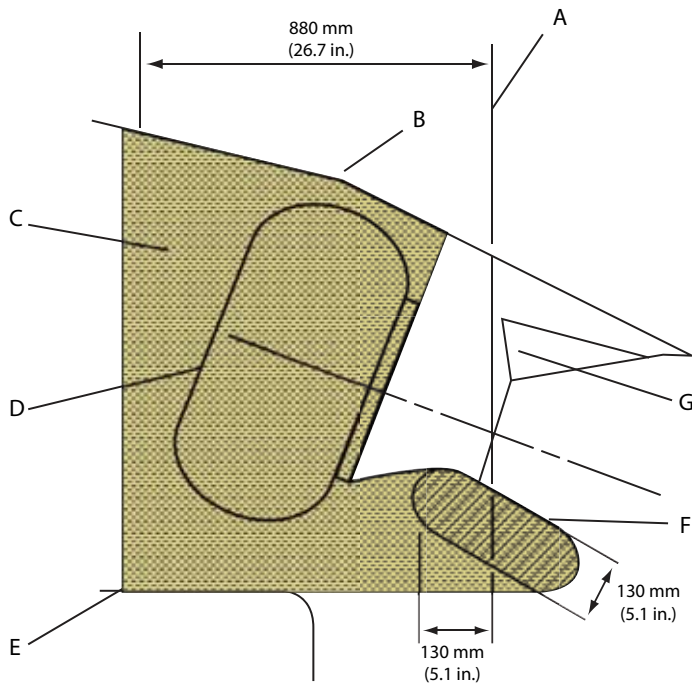
INSTRUMENT PANEL AND APPROXIMATE DEPLOYMENT AREA OF THE DRIVER AND FRONT PASSENGER AIR BAGS<sup>1</sup>  
VIEW FROM TOP

- |   |                               |   |
|---|-------------------------------|---|
| A. Vehicle center-line                              | F. Instrument cluster         | K. Glove box                                      |
| B. Driver center-line                               | G. Rear-most instrument panel | L. Front passenger knee air bag (model year 2012) |
| C. Front of instrument panel at the windshield base | H. Steering wheel             | M. Front passenger door trim                      |
| D. Driver door trim                                 | I. Driver air bag             | N. Front passenger center-line                    |
| E. Driver knee air bag (model year 2012)            | J. Front passenger air bag    | O. Radio stack                                    |

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

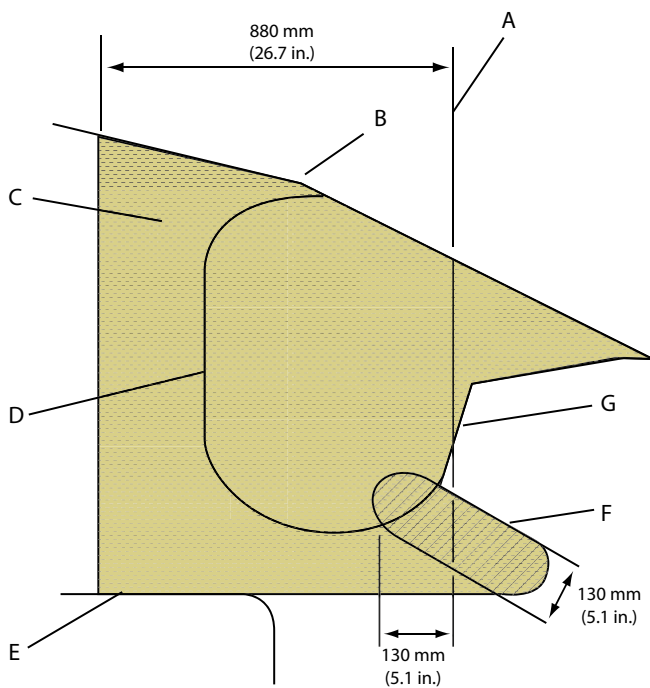


*Note: All dimensions are approximate and subject to change.*



SIDE VIEW OF DRIVER STEERING WHEEL AIR BAG<sup>1</sup>  
DEPLOYMENT ZONE – CENTER-LINE OF DRIVER  
VIEW FROM RIGHT SIDE

- A. Rear most instrument panel
- B. Top of windshield
- C. Driver air bag zone
- D. Driver air bag
- E. Driver seat
- F. Driver knee air bag (model year 2012)
- G. Instrument cluster

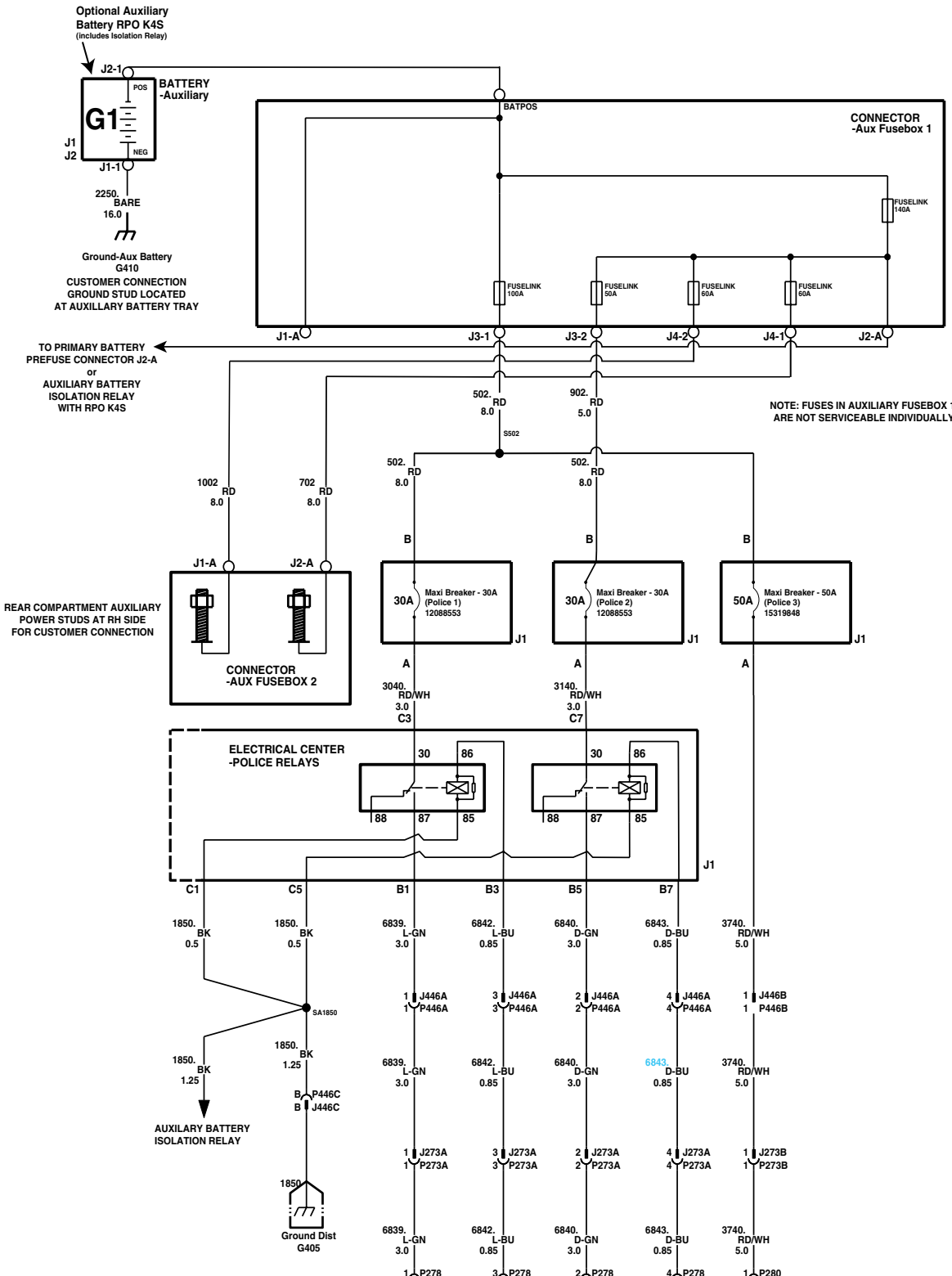


SIDE VIEW OF FRONT SEAT PASSENGER AIR BAG<sup>1</sup>  
DEPLOYMENT ZONE – CENTER-LINE OF PASSENGER  
VIEW FROM RIGHT SIDE

- A. Rear-most instrument panel
- B. Top of windshield
- C. Front passenger air bag zone
- D. Front passenger air bag
- E. Front passenger seat
- F. Front passenger knee air bag (model year 2012)
- G. Glove box door

1. Head curtain side air bags are designed to help reduce the risk of head and neck injuries to front and rear seat occupants on the near side of certain side-impact collisions. Always use safety belts and the correct child restraints for your child's age and size, even in vehicles equipped with air bags. Children are safer when properly secured in a rear seat. See your vehicle Owner's Manual and child safety seat instructions for more information.

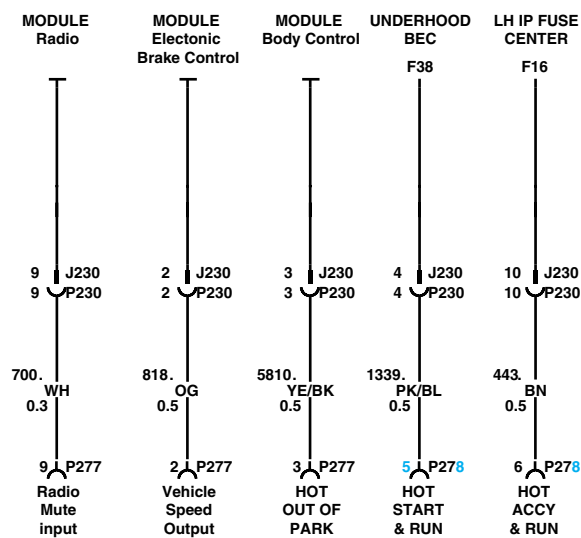
## WIRING PROVISIONS FOR 12-VOLT BATTERY POWER SUPPLY



Police relay outputs and control circuit connections are located in right front footwell in a 5-foot (1.5 m) coil. Battery power is supplied through two fusible links, one 100-amp and one 60-amp, to three circuit breakers and two control relays located in the relay center. A 50-amp circuit breaker feeds power directly from the fusible links through a 10-gauge (5.0 mm<sup>2</sup>) wire. Two 30-amp circuit breakers supply power from the

fusible links through the contacts of the control relays to 12-gauge (3.0 mm<sup>2</sup>) wires. Each relay is operated by an 18-gauge (0.8 mm<sup>2</sup>), light or dark blue control lead included in the 5-foot (1.5 m) coil under the instrument panel. An 8-gauge (8.0 mm<sup>2</sup>) ground lead is also provided in the 5-foot (1.5 m) coil. The total current available through the 12-volt power supply is 110-amperes (1320-watts).

## CONTROLLED POWER AND SIGNAL CIRCUITS WITH 12-VOLT POWER SUPPLY

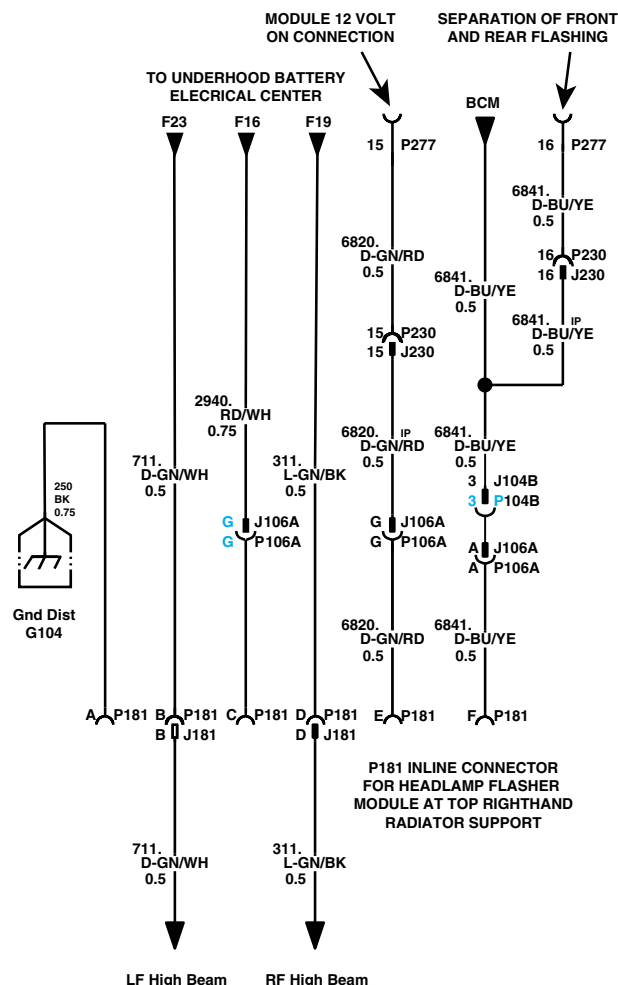


P277 LOCATED IN RIGHT FRONT FOOT WELL

Ignition controlled power and signal circuits are also included in the 5-foot (1.5 m) coiled harness.

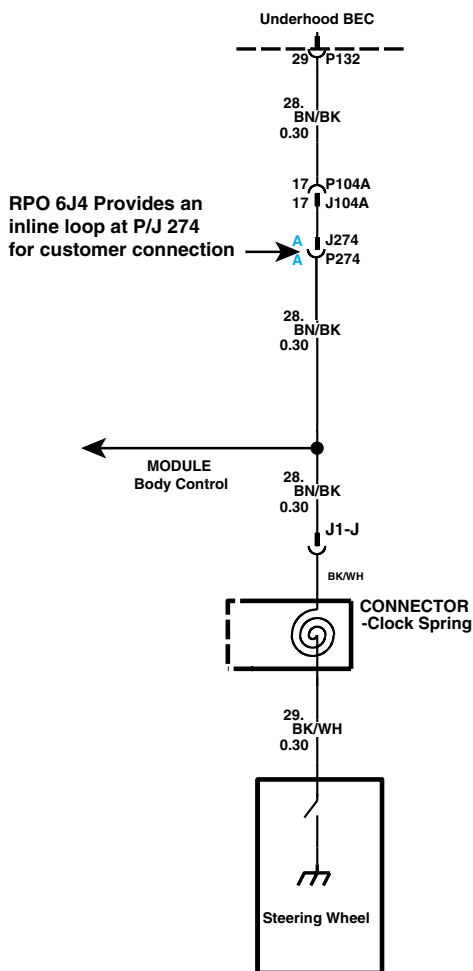
- A brown, 20-gauge (0.5 mm<sup>2</sup>) 10-amp fused circuit, HOT in ACCESSORY/RUN; fuse F16 is in the end of the instrument panel.
- A pink/blue, 20-gauge (0.5 mm<sup>2</sup>) 10-amp fused circuit, HOT in START/RUN. Fuse is in the engine compartment fuse block. **This circuit is also located at the RH side of the trunk in a white connector above the rear auxiliary power junction block (See p. 13). Total power available for the combined front and rear circuits is 60 watts.**
- A yellow/black, 20-gauge (0.5mm<sup>2</sup>) park signal from the Body Control Module (BCM). This circuit provides switched power (12-volts) 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-amperes (one relay coil).
- An orange, 20-gauge (0.5 mm<sup>2</sup>) vehicle speed signal (4,000 pulses/mile) from the ABS module. Connect only high impedance load.
- A white, 22-gauge (0.3 mm<sup>2</sup>) radio mute circuit. Mutes radio when grounded.

## WIRING PROVISIONS FOR HEADLAMP AND REAR LAMPS FLASHING SYSTEM



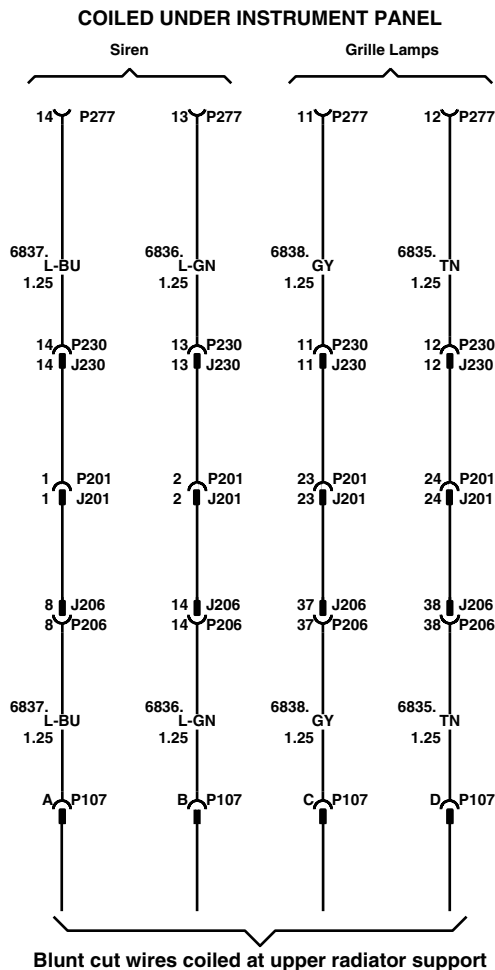
An in-line connector in the forward lamp harness permits installation of a compatible flasher module for the exterior lamps Emergency Flashing System. The in-line flasher module connector is located at the RH end of the upper radiator support and includes two wiring circuits to the front compartment foot well. A dark green with red stripe wire is intended for customer connection to switched 12-volt power to activate the flasher module. A second dark blue with yellow stripe wire permits optional separate control of the headlamp flashing and rear lamps flashing. Separate control of the rear lamps flashing requires opening the dark blue-red control circuit at the in-line module connector and application of switched vehicle ground to the control wire in the forward compartment.

### WIRING PROVISION FOR HORN/SIREN CIRCUIT - OPTION 6J4



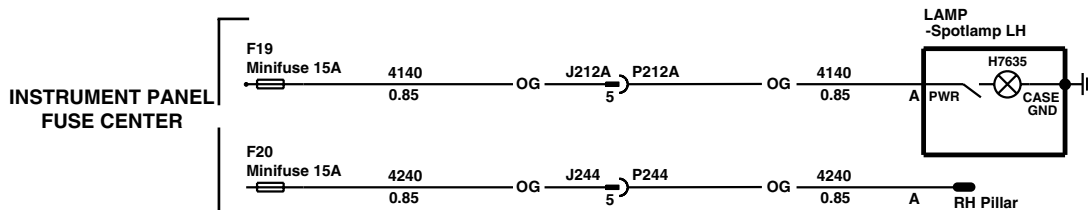
Two 20-gauge (0.5 mm<sup>2</sup>) wires are connected to an in-line connector in the horn circuit of the instrument panel harness under the instrument panel. The end of this harness extension is terminated with an in-line connector in a 60-inch coil under the instrument panel. Connection to customer switching permits operation of the horn or siren with the horn button.

### WIRING PROVISIONS FOR GRILLE LAMPS AND SIREN/SPEAKER - OPTION 6J3



The SEO 6J3 wiring provision has a 5-foot (1.5 m) harness coiled underneath the instrument panel on the passenger side. The wiring circuits are routed from under the instrument panel to a 1-foot (30 cm) coil secured in the area behind the grille. There are four 16-gauge (1.0 mm<sup>2</sup>) wires for connecting to the grille lights (GY, TN) and siren speaker (LT BU, LT GN)

### WINDSHIELD PILLAR-MOUNTED SPOTLAMP - OPTION 7X6

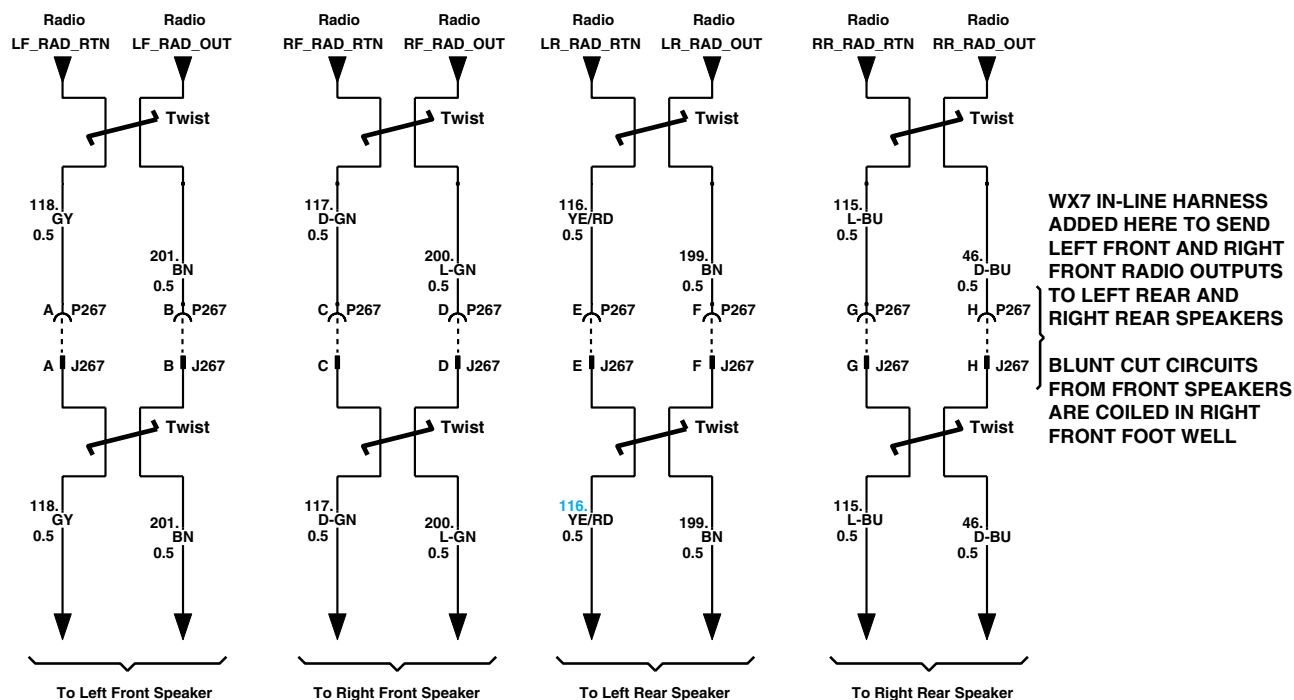


7X6 Spotlamp left hand, pillar-mounted unity, 6-inch with replaceable H3 halogen bulb; independently fused

Note: Wiring diagrams for these options are shown in the Police Package owner's manual supplement (shipped in glove box).

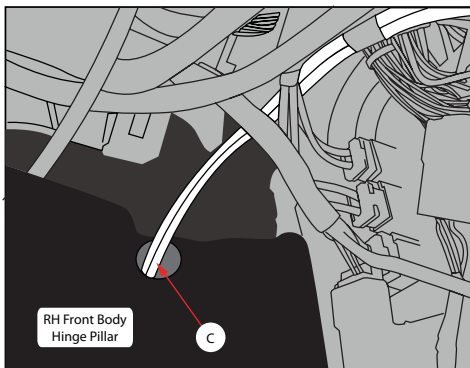
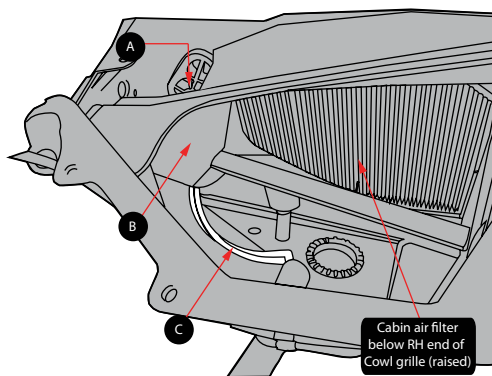
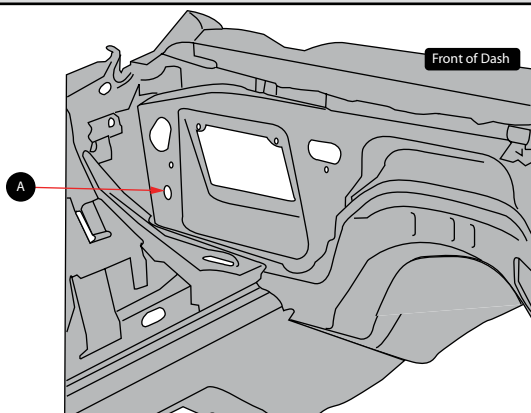


## WIRING PROVISION FOR FRONT SPEAKERS - OPTION WX7



Approximately 60 inches of auxiliary speaker wire is run from the door-mounted speakers and coiled under the center of the instrument panel for customer connection to front speakers. Front speakers are not connected to vehicle radio. A vehicle radio mute circuit permits muting audio when police radio transmits.

## WIRING PROVISION - 25MM ACCESS HOLE - RH DASH PANEL



- A) Blanking grommet through front of dash below the oval wire grommet
- B) Bulkhead in filter chamber
- C) Possible upfit harness routing

**GM offers Anti-Lock Brake Systems as standard or optional on all North American passenger vehicles and light truck lines. The computerized Anti-Lock Braking System (ABS) is designed to keep the vehicle's wheels rotating as the brakes are applied to assist the driver in achieving a controlled stop. Sensors monitor how fast the wheels rotate and feed the data continuously to the ABS computer. The vehicle's brakes slow each wheel as the brake pedal is applied. However, when ABS is activated due to road conditions, the system repeatedly releases and applies pressure to the brakes. The wheels can keep rolling, thus retaining steering ability and enhanced stability while providing a higher braking force on most surfaces than a locked wheel provides.**

#### **How exactly does ABS work?**

In cars without ABS, hitting the brakes can cause the wheels to lock, leaving you unable to steer the vehicle until you decrease the pressure so the wheels can roll again. With an ABS, as you apply the brakes, the ABS computer monitors the wheel speed sensor information. If the computer senses that a wheel is approaching lock up, it sends a signal to the hydraulic modulator to reduce, then to reapply, brake pressure several times a second for as long as you maintain firm pressure on the brake pedal. The process is much like the threshold braking technique used with conventional brakes. However, ABS does it much faster and more accurately than any driver can, leaving you free to focus on steering away from obstacles.

#### **Does ABS reduce stopping distances?**

Yes, in braking situations where the wheels on a non-ABS equipped vehicle would lock up, ABS will generally provide shorter controlled stopping distance. The amount of improvement in stopping distance depends on many factors, including the road surface, severity of braking, initial vehicle speed, etc. On some surfaces, such as gravel roads, braking distances can be longer, but you will still have the control benefits of ABS. The important capability of ABS is control. ABS provides improved vehicle steerability and stability when braking.

#### **What can affect the ABS advantage?**

It is important that you follow the maintenance schedule recommended in the owner's manual of the vehicle, tires should be at their proper inflation level, the brake pads should be checked regularly, etc. While driving, you should sit comfortably, so that your hips are back in the seat and your knees are bent, even while braking. Your foot should be positioned so that your heel is on the floor and your toes are secure on the lower half of the pedal. And, though ABS may reduce stopping distance, remember: The faster you go, the longer it takes you to stop. Keeping a safe distance between you and the vehicle in front of you is always necessary, even with ABS.

#### **What happens if ABS becomes inactive?**

The ABS electronic control unit has on-board diagnostic capability. If a fault is detected, the vehicle will revert to the base brake system, and the ABS telltale on the dash will be illuminated. Should this happen, the vehicle should be taken to a dealership for repair as soon as possible.

#### **How do I use ABS?**

Depress and hold the pedal. DO NOT PUMP THE BRAKES (that prevents the system from working). Just hold the brake pedal down and let the ABS work for you. You may feel the brake pedal vibrate, or you may notice some noise, but this is normal as the system works for you.

#### **Should I drive an ABS equipped vehicle differently than I would drive a vehicle with conventional brakes?**

Most of the time, under normal driving circumstances, there is no difference, and you should always drive with the same caution and care. It is important to realize that ABS only makes a difference when it is activated—when you have to brake hard—and that would only be when the computer senses that a wheel is approaching lock up. When ABS activates keep steady pressure on the brake pedal and then let the ABS work for you. Don't pump the brakes or try to find the threshold. Simply hold the brake pedal down and steer if necessary to avoid an obstacle.

#### **Is ABS always active?**

ABS is always available, but not always activated. ABS is activated only when the brake pedal is applied and the computer detects an impending wheel lock condition.

#### **Can older cars be retrofitted with ABS?**

No! The brake system is one of the most important features on any passenger vehicle. Several products, which tap into the master cylinder and/or brake system performance, are being sold in the aftermarket. Some of these products imply performance similar to new vehicle anti-lock brake systems.

However, contrary to their claims, add-on systems, which deplete fluid from the master cylinder on brake apply may actually increase a vehicle's stopping distance. This may cause the vehicle to fail to comply with Federal brake standards.

#### **Does ABS always activate at the same speed?**

No, the system operates when the computer detects wheel lockup, at any speed above 8 mph.

#### **Will ABS wear out a vehicle's brakes sooner?**

A properly maintained brake system will be unaffected by ABS operation under typical driving conditions.

#### **Are there different types of ABS?**

Yes, there are rear wheel anti-lock systems (RWAL) used on some trucks and four-wheel ABS available on cars and trucks.

#### **Do Federal Safety Standards mandate ABS?**

No. Federal standards establish minimum braking performance requirements that all vehicles must meet, but do not specify how they should be met. It should be noted that even a vehicle with failed ABS meets the Federal safety standard for stopping distances.

#### **Will a tire size change affect ABS?**

Use of tires other than original equipment may affect ABS performance. Owners should consult and follow the recommendations contained in the vehicle owner's manual regarding replacement tire size. *Note: ABS will work with original equipment spare tire or tire chains. However, performance is reduced.*

#### **Do insurance companies give a discount for ABS?**

Yes, many insurance companies give discounts that range from 5% to 10%. In the states of New York and Florida all insurance companies are required to give an ABS discount of 5% on certain coverages such as bodily injury, property damage, collision, and personal injury protection. In other states the discount varies from insurance company to insurance company. When buying auto insurance, always ask your insurance agent if his/her company gives a discount for vehicles equipped with anti-lock brakes.



## IMPORTANT DRIVING SAFETY TIPS



- A. Always maintain a safe following distance.** ABS does not allow you to stop on a dime. (Generally a 2-second following distance is considered safe in ideal conditions.) Watch the vehicle in front of you pass a fixed marker (such as a sign). Count seconds—one-thousand-one, one-thousand-two-until your front bumper reaches the marker. If you do not count out two seconds, then you are too close to the vehicle in front of you. Also, if the roads are wet or icy, or visibility is poor, you should increase your following distance.
- B. Always drive carefully—** especially on slippery surfaces. ABS cannot create friction between the tires and the road surface, it can only give the driver the maximum advantage of the existing adhesion. If the vehicle is traveling on a surface with no adhesion, the best ABS in the world cannot provide a shorter stopping distance or good steering.
- C. It is a good idea to practice an ABS activated stop** and get the feel of the brake pedal. However, please make sure it's at a safe time with no obstacles in your path. And you only really need to try it once or twice to know what happens.

## STABILITY ENHANCEMENT SYSTEMS (StabiliTrak)

Stability enhancement system (StabiliTrak) assists the driver with directional control of the vehicle in difficult driving conditions. Each time the vehicle is started, the StabiliTrak system is fully ON. StabiliTrak can be controlled by a StabiliTrak button on the instrument panel. The

condition of the system is displayed by an instrument panel StabiliTrak indicator light and Driver Information Center (DIC) messages. See your owner's manual for additional information about the operation of StabiliTrak.



Date: April 1, 2010  
To: Whom it may concern  
Subject: 2011 Model Year Caprice

The following is true of the certified speedometer calibration specifications, at ambient temperature of -10 to 120 degrees F. Inaccuracies due to vehicle speed sensing are included.

| <u>Actual Vehicle Speed</u> | <u>Indicated Speed</u> |
|-----------------------------|------------------------|
| 0 to 120 MPH                | +/- 2 MPH              |

Note:

The speedometer calibration is specific for a 6.0L engine, automatic transmission with a 2.92 axle and P235/50R18 tires.

Regards,

A handwritten signature in black ink that reads "Brian Tolan".

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