



GENERAL

| | |
|---|----------|
| MODEL IDENTIFICATION | 2 |
| SERIAL NUMBERS AND IDENTIFICATION | 3 |
| EXTERIOR EQUIPMENT | 4-5 |
| INTERIOR EQUIPMENT | 6-7-8-9 |
| EXTRA COST EQUIPMENT | 10-11-12 |
| TAXI-CAB EQUIPMENT (RPO B02) | 13 |
| POLICE CAR EQUIPMENT (RPO B07) | 14 |
| AIR CONDITIONING EQUIPMENT | 15 |

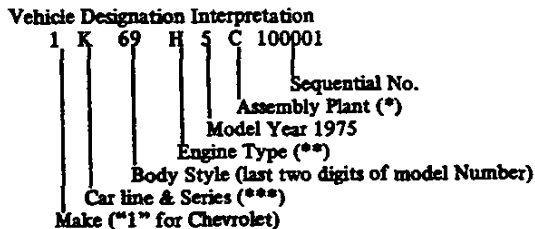
MODEL IDENTIFICATION

| BODY | SERIES NAME | BODY STYLE | MODEL DESIGNATION | PASS OR SEATS |
|-------|--------------------|---------------------|-------------------|---------------|
| B-CAR | BEL AIR | 4-Dr. Sedan | 1BK69 | 6 |
| | | 4-Dr. Station Wagon | 1BK35 | 2-Seat |
| | | 4-Dr. Station Wagon | 1BK45 | 3-Seat |
| | IMPALA | 4-Dr. Sedan | 1BL69 | 6 |
| | | 4-Dr. Sport Sedan | 1BL39 | 6 |
| | | 2-Dr. Sport Coupe | 1BL57 | 6 |
| | | 2-Dr. Custom Coupe | 1BL47 | 6 |
| | | 4-Dr. Station Wagon | 1BL35 | 2-Seat |
| | | 4-Dr. Station Wagon | 1BL45 | 3-Seat |
| | | CAPRICE CLASSIC | 4-Dr. Sedan | 1BN69 |
| | 2-Dr. Custom Coupe | | 1BN47 | 6 |
| | 2-Dr. Convertible | | 1BN67 | 6 |
| | 4-Dr. Sport Sedan | | 1BN39 | 6 |
| | CAPRICE ESTATE | 4-Dr. Station Wagon | 1BN35 | 2-Seat |
| | | 4-Dr. Station Wagon | 1BN45 | 3-Seat |

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER



J - Janesville-GMAD S - St. Louis-GMAD
 Y - Wilmington-GMAD #1 - Oshawa-Canadian Pft.

**H - V8-350 (145 H.P.) Y - V8-454 (215 H.P.)
 L - V8-350 (155 H.P.) Passenger Vehicles
 U - V8-400 (175 H.P.) Y - V8-454 (215 H.P.)
 Station Wagons

***K - Bel Air Models N - Caprice Classic
 L - Impala Models & Estate Models

EXAMPLE: The twenty-fifth Chevrolet vehicle built at GMAD Janesville if it were a 1BK69 model (Bel Air Sedan) with a V8-350 (145 H.P.) engine would bear VIN number 1K69H5J100025.

Location Stamped on plate attached to top left hand of instrument panel.

TRANSMISSION IDENTIFICATION

| | | | |
|----------------|-------------------|------------|-----------------------------|
| Example: S5E01 | | | |
| Type | Source | Model Year | Production ^o |
| Designation | Designation | 1975 | Month & Date |
| YC | Y (Toledo) | 5 | E01D* |
| YC | Turbo Hydra-matic | V-8 engine | B - Cleveland Y - Toledo |
| CB | Turbo Hydra-matic | V-8 engine | H - Ypsilanti |

Location:
 Turbo Hydra-matic (Chevrolet) Stamped on left hand side of pan.
 Turbo Hydra-matic Nameplate tag on right hand side of the case.

o-Month: E Denotes May; (see below) 01 denotes 1st day
 Alpha Characters used in identifying the calendar Month

| | | | |
|--------------|-----------|---------------|--------------|
| A - January | D - April | K - July | R - October |
| B - February | E - May | M - August | S - November |
| C - March | H - June | P - September | T - December |

*-The letter "D" or "N" following the date numerals indicates day or night shift.

ENGINE IDENTIFICATION

Example: F1210CMJ

| | | |
|-------------|-------------------------|-------------|
| Source | Production ^o | Type |
| Designation | Month & Date | Designation |
| F (Flint) | 1210 | CMJ |

Turbo-Fire 350, 350 Cubic Inch V-8, Base Engine
 CMJ - Regular production engine, Turbo Hydra-matic

Turbo-Fire 350, 350 Cubic Inch V-8 (RPO LM1)
 CRU - Optional, Turbo Hydra-matic, 4-bbl. carb.

Turbo-Fire 400, 400 Cubic Inch V-8 (RPO LT4)
 CTU - Optional, Turbo Hydra-matic, 4-bbl. carb.

Turbo-Jet 454, 454 Cubic Inch V-8 (RPO LS4)
 CXX - Optional, Turbo Hydra-Matic, 4-bbl. carb.

Location:
 8-cylinder engine Stamped on pad at front right side of cylinder block

*-Month: December, 12; 10th day of December, 10

REAR AXLE IDENTIFICATION

LF - 2.56 Axle
 VA - 2.73 Axle
 VC - 3.08 Axle

Location, Identification Number
 Bottom left or right of axle tube adjacent to carrier housing.

See Power Train section for additional information.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT SEDANS AND COUPES

| FRONT | Bel Air | Impala | Caprice Classic |
|---|-------------|-------------|-----------------|
| Windshield Reveal Moldings | X | X | X |
| Concealed Windshield Wipers with Articulated Left Arm | X | X | X |
| Bumper Mounted Parking Lamps | | | X |
| Parking Lamp Adjacent Headlamps | X | X | |
| Marker Lamp in Fender Extensions | X | X | |
| Bright Upper and Lower Grille, Caprice Emblem on Header Panel | | | X |
| Argent Grille, Bow Tie Emblem on Header Panel | X | X | |
| Bright Headlamp Bezels on Header Panel | X | X | X |
| 'Chevrolet' Script on Left Side of Grille | X | X | X |
| Bright Grille Frame Moldings | X | X | X |
| Bright Fender and Hood Moldings | X | X | X |
| SIDE | | | |
| Fender Mounted Front Markers | | | X |
| Rear Quarter Marker Lamps | X | X | X |
| Front Fender 'Bel Air' Script Nameplate | X | | |
| 'Impala' Script Nameplate on Front Fender | | Exc. 47 | |
| 'Impala' Script and 'Custom' Nameplate on Sail Panel | | 47 | |
| 'Caprice Classic' Nameplate on Sail | | | X (exc. 67) |
| 'Caprice Classic' Nameplate on Quarter | | | 67 |
| Rectangular 5" Outside L.H. Rear View Mirror | X | X | X |
| Rocher Panel Moldings—Bright | X | X | X |
| Bright Body Side Molding with Color PVC Insert | | | X |
| Black PVC Body Side Molding with Bright Mylar Insert | O | X | |
| Argent PVC Body Side Molding with Bright Mylar Border | | O | |
| Flush Door Handle—Bright | X | X | X |
| Bright Door Belt Molding | X | X | X |
| Wheel Trim Covers | O | O | X |
| Rear Fender Skirts with Bright Lower Molding | O | O | X |
| | Exc. 35, 45 | Exc. 35, 45 | Exc. 35, 45 |
| Hub Caps | X | X | |
| Bright Roof Drip Moldings | O | X | Exc. 67 |
| Bright Door Upper Frame Moldings | | 69 | 69 |
| Wheel Opening Moldings | O | 47 * | † Exc. 35-45 |
| Rear Belt Molding | | | 67 |
| Vinyl Top or Two-Tone Paint Molding | O | O ** | O |
| Bright Window Separator | 69 | 69 | 69 |
| Quarter Window Reveal Molding | | 39, 47 | 39, 47 |
| Bright Quarter Lower Molding | | | X |
| | | | Exc. 35-45 |
| REAR | | | |
| Deck Lid Nameplate—"Chevrolet" | X | X | |
| Deck Lid Nameplate—"Caprice" with Bow-Tie | | | X |
| Rear Window Reveal Molding—Bright | X | X | Exc. 67 |
| Four Tail and Stop Lamps and Two Back-Up Lamps in Body Color Applique | | | X |
| Four Tail and Stop Lamps and Two Back-Up Lamps in Dark Red Applique | | X | |
| Two Tail and Stop Lamps and Two Back-Up Lamps in Light Red Applique | X | | |

O Optional Usage

† Front Wheels only.

* Optional for other models.

** Color keyed to top exc. bright 1BL57.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

| | Bel Air | Impala | Caprice Estate |
|---|---------|--------|----------------|
| FRONT | | | |
| Bright Windshield Reveal Moldings | X | X | X |
| Concealed Windshield Wipers with Articulated Left Arm | X | X | X |
| Bumper Mounted Parking Lamps | | | X |
| Parking Lamps Adjacent Headlamps | X | X | |
| Marker Lamp in Fender Extensions | X | X | |
| Bright Upper and Lower Grille, Caprice Emblem on Header Panel | | | X |
| Argent Grille, Bow Tie Emblem on Header Panel | X | X | |
| Bright, Headlamp Bezels | X | X | X |
| 'Chevrolet' Script on Left Side of Grille | X | X | X |
| Bright Grille Frame Moldings | X | X | X |
| Bright Fender and Hood Moldings | X | X | X |
| SIDE | | | |
| Fender Mounted Front Markers | | | X |
| Rear Quarter Marker Lamps | X | X | X |
| Rectangular 5" Outside L.H. and R.H. Rear View Mirror | X | X | X |
| Bright Rocker Panel Moldings | X | X | |
| Bright Roof Drip Moldings | O | X | X |
| Wheel Trim Covers | O | O | X |
| Hub Caps | X | X | |
| Bright Flush Door Handle | X | X | X |
| Bright Door Upper Frame Moldings | | X | X |
| Wheel Opening Moldings | O | O | |
| Bright Rear Quarter Window Reveal Molding | | X | X |
| Painted Rear Quarter Window Reveal Molding | X | | |
| Body Side Wood-Grain Applique and Lined Oak Border Moldings | | | X |
| Front Fender Series Nameplate - Bel Air, Impala | X | X | |
| Rear Quarter Series Nameplate - 'Caprice Estate' | | | X |
| Black PVC Body Side Molding with Bright Mylar Insert | O | X | |
| Argent PVC Body Side Molding with Bright Mylar Border | | O | |
| Bright Vinyl Top or Two-Tone Paint Molding | O | O | O |
| Bright Door Belt Molding | X | X | X |
| REAR | | | |
| Tailgate Nameplate - "Chevrolet" | X | X | X |
| Tailgate Wood-Grain Applique with Lined Oak Border Molding | | | X |
| Bright Tailgate Window Reveal Molding | | X | X |
| Body Color Tailgate Window Reveal Molding | X | | |
| Bright Tailgate Belt Molding | X | X | X |
| Bright Trimmed Single Tail, Stop and Back-Up Lamps | X | X | X |
| Bright Tailgate Lift Handle | X | X | X |
| Bright Electric Tailgate Window Control | X | X | X |
| Keyless Tailgate Release | X | X | X |
| Tailgate Molding - Black PVC with Bright Mylar Insert | | X | |
| Tailgate Molding - Argent PVC with Bright Mylar Border | | O | |

O - Optional Usage

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT SEDANS AND COUPES

| <u>INSTRUMENT PANELS AND STEERING WHEELS</u> | Bel Air | Impala | Caprice Classic |
|--|---------|--------|--------------------|
| Glove Compartment Light | X | X | X |
| Cigarette Lighter | X | X | X |
| Clock, Electric | O | O | X |
| Clock Hole Cover | X | X | |
| Instrument Panel Cluster, Black Symbol Type Knobs | X | X | X |
| Convertible Top Switch | | | 67 |
| Instrument Panel Pad—Upper | X | X | X |
| Instrument Panel Upper Trim Plate with Series Nameplate | X (a) | X (b) | X (c) |
| Instrument Cluster Color Bright | | X | X |
| Instrument Cluster Color Black | X | | |
| Ash Tray — Illuminated | O | O | X |
| Ash Tray Face Plate—Painted | X | X | X |
| Windshield Wiper and Washer, Two Speed—Illuminated Control | X | X | X |
| Upper Ventilation Outlets and Controls—Black | X | X | X |
| Instrument Panel Courtesy Lights | O | O | X |
| Turn Signal and Shift Lever Knobs—Black | X | X | X |
| Steering Column Ignition Lock | X | X | X |
| Steering Wheel, Soft Vinyl Shroud and Rim — Shroud Insert and Chevrolet Nameplate Teakwood Insert | X | X | X (d) |
| Color-Keyed Steering Wheel, Shroud, and Column | X | X | X |
| Instrument Cluster Teakwood Grain Trim | | X (b) | X (c) |
| Dual Horns | O | O | X |
| Single Horn | X | X | |
| Audio and Visual Lap Belt Warning System | X | X | X |
| GLASS (F) | | | |
| Windshield, Laminated Safety Plate Glass | X | X | X |
| Backlight Safety Solid Plate Glass | X | X (e) | X (e) |
| Side Windows, Safety Solid Plate Glass | X | X (e) | X (e) |
| Convertible Rear Window, Tempered Glass | | | 67 |
| O Optional usage | | | |

(a) Bright, black paint filled, Bel Air script.

(b) Bright, teakwood-grain, Impala script.

(c) Bright, "Tigerwood & Teakwood" inserts, Caprice Classic name.

(d) Specific shroud with Tigerwood-grain, Classic name.

(e) New rear door for 1BK69, 1BL69, 1BN69 & new rear door and quarter for 1BL39, 1BN39.

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

| <u>INSTRUMENT PANEL AND STEERING WHEELS</u> | Bel Air | Impala | Caprice Estate |
|---|---------|--------|-------------------|
| Glove Compartment Light | X | X | X |
| Cigarette Lighter | X | X | X |
| Clock, Electric | | | X |
| Clock Hole Cover | X | X | |
| Instrument Panel Cluster—Black Symbol Type Knobs | X | X | X |
| Instrument Cluster Color Bright | | X | X |
| Instrument Cluster Color Black | X | | |
| Tailgate Window Switch | X | X | X |
| Instrument Panel Pad—Upper | X | X | X |
| Instrument Panel Upper Trim Plate with Series Nameplate | X (a) | X (b) | X (c) |
| Ash Tray — Illuminated | O | O | X |
| Ash Tray Face Plate—Painted | X | X | X |
| Windshield Wiper and Washer, Two Speed—Illuminated Control | X | X | X |
| Upper Ventilation Outlets and Controls—Black | X | X | X |
| Instrument Panel Courtesy Lights | O | O | X |
| Turn Signal and Shift Lever Knobs—Black | X | X | X |
| Steering Column Ignition Lock | X | X | X |
| Steering Wheel, Soft Vinyl Shroud and Rim—Shroud Insert and Chevrolet Script (has Teakwood Insert) | X | X | X (d) |
| Color-Keyed Steering Wheel, Shroud and Column | X | X | X |
| Instrument Panel Teakwood and Tigerwood Grain Trim | | X | X (c) |
| Dual Horns | O | O | X |
| Single Horn | X | X | |
| Audio and Visual Lap Belt Warning System | X | X | X |
| GLASS (F) | | | |
| Windshield Laminated Safety Plate Glass | X | X | X |
| Backlight, Safety Solid Plate Glass | X | X | X |
| Side Windows, Safety Solid Plate Glass | X | X | X |

O Optional Usage

- (a) Bright, black paint filled, Bel Air script.
- (b) Bright, teakwood-grain, Impala script.
- (c) Bright, "tigerwood and teakwood inserts", "Caprice Estate" name.
- (d) Tigerwood-grain shroud insert with Estate script.

INTERIOR EQUIPMENT

| ROOF AND PILLARS | Bel Air | | | Impala | | | | | Caprice Classic & Estate | | | | | | |
|---|---|----|----|--------|----|----|----|----|-----------------------------|----|----|----|----|----|----|
| | 69 | 35 | 45 | 39 | 69 | 47 | 57 | 35 | 45 | 39 | 69 | 47 | 67 | 35 | 45 |
| | Headlining Vinyl Coated, "Premier" Perforated (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Rear View Mirror, 12" Prismatic-Textured Black Vinyl Clad (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Rear View Mirror Support, Bonded to W/S, Black Painted (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Windlace-Woven Fabric (F) | X | X | X | | | | | X | X | | X | | | X | X |
| Windlace-Extruded Vinyl (F) | | | | X | | X | X | | | X | | X | X | | |
| Sunshade, Padded, Non-Hook (F) | X | X | X | X | X | X | X | X | X | X | X | X | | X | X |
| Sunshade, Padded, Center Hook Type (F) | | | | | | | | | | | | | X | | |
| Roof Side Rail Garnish Moldings-Painted Metal (F) | X | X | X | X | X | X | X | X | X | X | X | X | | X | X |
| Rear Window Moldings-Painted Metal (F) | | | | N | | X | X | | | N | | X | | | |
| Rear Window Upper and Side Moldings-Plastic † (F) | N | | | | N | | | | | | N | | | | |
| Quarter Window Garnish Moldings-Painted Metal (F) | | X | X | | | | | X | X | | | | | X | X |
| Windshield Garnish Moldings-Painted Metal (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Center Pillar Lower Finish Panel, Molded Plastic (F) | X | X | X | X | X | X | X | X | X | X | X | X | | X | X |
| Center Pillar Upper Molding-Molded Plastic (F) | X | X | X | | X | | | X | X | | X | | | X | X |
| Rear Quarter Upper Trim Panel, Molded Plastic (F) | | | | N | | X | | | | N | | X | | | |
| Coat Hooks, Plastic-Trim Color (F) | X | X | X | X | X | X | X | X | X | X | X | X | | X | X |
| Center Dome Light-Plastic Lens (F) | X | X | X | X | X | X | X | X | X | X | X | X | | X | X |
| Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Front Door Jamb Switch for Dome Lamp R.H. Pillar (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Rear Door Jamb Switches for Dome Lamp (F) | | | | | | | | | | X | X | | | X | X |

SEATS AND FLOOR COVERING

| | | | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Front and Rear Seat Cushion and Backrest, Full Molded Foam (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Third Seat Cushion and Backrest, Full Molded Foam (F) | | | X | | | | | | X | | | | | | X |
| Three Point Front Seat Outboard Belt System (Lap & Shoulder) Locking Lap Belt Retractors, Inertial Reel Type Shoulder Belt Retractors, Black. Ignition Interlock (F, C)* | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Black Rear Seat Lap Belts (3 Sets) Locking Outer Retractors (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Black Third Seat Lap Belts (2 Sets) (F) | | | X | | | | | | X | | | | | | X |
| Front Seat Center Lap Belt, Black (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Front Seat Head Restraints (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Front Seat Center Armrest (F) | | | | | | | | | | X | X | | | | |
| Front Seat End Trim Panels-Bright (F) | | | | | | | | | | X | X | X | | | |
| Front Seat Backrest End Molding-Bright (F)** | | | | O | O | O | O | O | O | | | | O | O | O |
| Package Shelf Embossed Board (F) | X | | | X | X | | X | | | X | X | | | | |
| Package Shelf Woven Fiber Board | | | | | | X | | | | | | X | | | |
| Folding Front Seat Back Locks-Bright (F) | | | | | | X | X | | | | | X | X | | |
| Carpet, Floor Covering - Nylon Cut Pile (F) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

(F) Fisher Body Released

(C) Chevrolet Released

† Lower molding painted metal

* Two-Point system without shoulder belts provided on 1BN67.

** Part of 50-50 seat.

X Carryover

N New

O Optional usage.

INTERIOR EQUIPMENT

| DOOR AND QUARTER PANEL (F) | Bel Air | | Impala | | | | | | Caprice Classic & Estate | | | | | | |
|---|---|----|--------|----|----|----|----|----|-----------------------------|----|----|----|----|----|----|
| | 69 | 35 | 45 | 39 | 69 | 47 | 57 | 35 | 45 | 39 | 69 | 47 | 67 | 35 | 45 |
| | Plastic Molded Front Door Lower Trim Panel, W/Armrest . . . | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Plastic Molded Door Upper Trim Panel | X | X | X | | | | | | | | | | | | |
| Plastic Molded Rear Door Lower Trim Panel, w/Armrest with Ash Tray | X | X | X | X | X | | | X | X | X | X | | | X | X |
| Soft Trim Door Upper Panel | | | | X | X | X | X | X | X | X | X | X | X | X | X |
| Pull Type Door Handle | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Rear Quarter Panel Built-in Armrest and Ash Tray | | | | | | X | X | | | | | X | X | | |
| Window Control Handle Knobs, Clear Plastic | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Door Lock Buttons—Bright | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Door Trim Panel Carpet—Cut Pile | | | | | | | | | | X | X | X | | | |
| Door Trim Panel Emblem | X | X | X | N | N | N | N | N | N | N | N | N | N | N | N |
| Burl Elm Wood-Grain Door Panel Inserts, Bright Trim | | | | N | N | N | N | N | N | | | | N | N | N |
| Teakwood Wood Grain Door Panel Inserts, Bright Trim | | | | | | | | | | N | N | N | | | |
| Front and Rear Door Locks 2-Position Free Wheeling | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Front Door Pull Strap | | | | | | | | | | N | N | N | | | |
| Rear Quarter Sidewalls—Molded Plastic | | X | X | | | | | X | X | | | | | X | X |

LUGGAGE AREA AND MISC.

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Luggage Compartment Light (C) | O | | | X | X | X | X | | | X | X | X | X | | |
| Luggage Compartment Spatter Paint (F) | X | | | X | X | X | X | | | X | X | X | X | | |
| Luggage Compartment Mat—Vinyl Coated Needled Rayon (F) | O | | | X | X | X | X | | | X | X | X | X | | |
| Load Floor—Vinyl Coated Textured Metal (F) | | X | X | | | | | X | X | | | | | X | X |
| Storage Compartment Mat—Vinyl Coated Needled Felt (F) | | X | X | | | | | X | X | | | | | | |
| Storage Compartment Lining—Vinyl Coated Needled Felt (F) | | | O | O | | | | O | O | | | | | X | X |
| Turn Signal and Shift Lever Knobs—Black (C) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Steering Column Ignition Lock (C) | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Dual Horns (C) | O | O | O | O | O | O | O | O | O | X | X | X | X | X | X |
| Single Horn (C) | X | X | X | X | X | X | X | X | X | | | | | | |

- (F) Fisher Body Released
- (C) Chevrolet Released
- X Carryover
- N New
- O Optional usage

EXTRA COST EQUIPMENT

| EQUIPMENT | RPO | ACC. |
|---|-----|------|
| Air conditioning, Four-Season (See page 16 for content) | C60 | |
| Air conditioning, Comfortron: automatic temperature control (see page 16) | C61 | |
| Battery, heavy duty | UA1 | |
| Belts, seat and shoulder: in addition to or replacing standard belts. | | |
| Deluxe belts: (replacing standard number of belts) | | |
| Coupe and Sedan - 6 seat and 2 shoulder | AK1 | |
| Convertible - 6 seat | A39 | |
| Shoulder belts - 2 rear: | | |
| (Convertible requires use of front shoulder belt accessory). | | |
| For use when Custom Deluxe Belts are ordered | | |
| Body Insulation Package ("Silent Sound Group") Base on 1BN00 | BS1 | |
| Brakes, heavy duty | J55 | |
| Carpet, Station Wagon Load Floor, (Color-Keyed, attached with bright moldings | B39 | |
| Carpet, Load floor, loose (All Wagons) | B44 | |
| Cap, locking Gas Filler | | ACC |
| Clock, electric (standard on Caprice Classic and Caprice Estate) | U35 | ACC |
| Compass | | ACC |
| Cover, luggage carrier - wagon | | ACC |
| Dispenser, Tissue underseat | | ACC |
| Dome reading lamp (all exc convertible) | C95 | |
| Door edge guards (not available on Caprice Estate) | B93 | ACC |
| Electric trunk release - except wagon | A90 | ACC |
| Floor mats color-keyed - 2 front, 2 rear | B37 | ACC |
| Front and rear bumper guards | V30 | ACC |
| Generator: 61-amp Delcotron | K76 | |
| Glass, Soft-Ray tinted: all windows (includes W/S radio antenna) | A01 | |
| Glass, windshield - tinted (Fleet only - includes radio antenna) | A02 | |
| Harness, trailer wiring | | ACC |
| Heater, engine block | K05 | ACC |
| Hitch, trailer | | ACC |
| Hitch, trailer, equalizing type | | ACC |
| Horns, Dual - base on 1BN00 | U05 | ACC |
| Interior car warmer | | ACC |
| Lamp, portable spot | | ACC |
| Lighting, auxiliary: | Z19 | |
| Courtesy lights - Std. Caprice Classic and Caprice Estate | | |
| Luggage compartment light - Std. Impala and Caprice Classic Sedans and Coupes | | ACC |
| Ash tray light - Standard Caprice Classic and Caprice Estate | | |
| Underhood light | | ACC |
| Headlamp Reminder Part of Z19 Package Buzzer | | ACC |
| Dome reading lamp - Caprice Estate and Caprice Classic except Convertible | | |
| Litter container | D24 | |
| Litter container and tissue dispenser | | ACC |
| Litter container, underseat unit | | ACC |
| Lock, rear door safety | | ACC |
| Luggage compartment trim deluxe (except wagon and convertible) | B48 | |
| Mat, front floor full width | | ACC |
| Mat, load floor-wagon | | ACC |
| Mirrors, Fender, for trailering (RH & LH) | | ACC |
| Mirror, rear view L.H. outside remote-control | D33 | |
| Mirror, rear view R.H. outside remote-control | DF3 | |
| Mirror, RH (to match LH remote or standard unit - standard on Station Wagons) | | ACC |
| Mirrors, Dual Sport - RH and LH remote control type (Painted body color) | D68 | |
| Molding, adhesive backed vinyl (roll or cut to length) | | ACC |
| Molding, Bright Roof Drip (Bel Air) | B80 | |
| Molding, side - vinyl (2 17 ft. rolls - 5 colors) | | |
| Moldings, body side - vinyl insert (Bel Air) | B84 | |
| Molding, Wheel Opening (Bel Air and Impala except Impala Custom) | B96 | |
| Police car equipment (See Page 15 for content) | | |
| Chassis Equipment | B07 | |
| Body Equipment | BY2 | |

EXTRA COST EQUIPMENT

| <u>EQUIPMENT</u> | <u>RPO</u> | <u>ACC.</u> |
|--|------------|-------------|
| Radiator, heavy duty | V01 | |
| Radio equipment: Radios, Pushbutton – Includes concealed w/s antenna | | |
| AM Radio | U63 | ACC |
| AM/FM Radio | U69 | ACC |
| AM/FM/Stereophonic Radio | U58 | ACC |
| Citizens Band Radio – Six Channel plus antenna | | ACC |
| Stereo Tape System with AM Radio | UM1 | ACC |
| Stereo Tape System with AM/FM/Stereophonic Radio | UM2 | ACC |
| Mast antenna, RH front fender | | ACC |
| Speaker, rear seat (not available when stereo is ordered) | U80 | ACC |
| Windshield antenna | U76 | |
| Rear window defogger (forced air) | C50 | ACC |
| Roof cover, vinyl (padded vinyl) (exc. 1BN67) | C09 | |
| Roof luggage carrier–Wagon | V55 | ACC |
| Seat, infant safety | | ACC |
| Seat, child safety | | ACC |
| Seat, 50-50 front bench (1BL–1BN00) | AT8 | |
| Shock absorbers, rear: | | |
| Superlift | G66 | |
| Skirt, rear fender. Standard on Caprice Classic | T58 | |
| Speed control: (Cruise-Master) | K30 | ACC |
| Steering wheel, Comfortilt | N33 | |
| Strips – impact – FR. and RR. bumper | VE5 | |
| Suspension, Heavy duty front and rear | F40 | |
| Special suspension and steering equipment | F41 | |
| Taxi-cab equipment (See Page 14 for content) | B02 | |
| Theft Alarm Audio | | ACC |
| Top, convertible: Optional colors | C05 | |
| Two-Tone finish: includes bright metal outline moldings exc. 1BN67 | D99 | |
| Visor Vanity Mirror, R.H. visor | D34 | ACC |
| Wheel covers, full: (Not available on Caprice Classic and Caprice Estate) | P01 | ACC |
| Wheel covers, simulated wire | N95 | ACC |
| Wheel covers, simulated mag | | ACC |
| Wipers, windshield – pulse type | CD4 | |
| FACTORY-INSTALLED REGULAR PRODUCTION TIRES | | |
| HR 78 x 15B – Steel belted radial ply blackwall (exc. Station Wagon)(Base) | QDU | |
| LR 78 x 15C – Steel belted radial ply blackwall (Station Wagons)(Base) | QFX | |
| LR 78 x 15C – Steel belted radial ply white stripe (Station Wagon) | QCD | |
| HR 78 x 15B – Steel belted radial ply white stripe (exc. Station Wagon) | QEL | |
| H78 x 15B Police nylon blackwall (1BK69, 1BL57-69) | QHS | |

EXTRA COST EQUIPMENT

POWER TEAMS

| | |
|---|-----|
| Turbo-Fire 350 V-8 (Sedans and Coupes) | LM1 |
| Turbo-Fire 400 V-8 (Base on all wagons) | LT4 |
| Turbo-Jet 454 V-8 | LS4 |
| Turbo Hydra-matic (all engines) | M40 |
| Axle, Positraction | G80 |
| Axle, High altitude ratio | G92 |
| Axle, Highway ratio | G95 |

POWER ASSISTS

| | |
|---|-----|
| Door lock system, power | AU3 |
| Seat, power: 6-way front bench seat (Not available on Bel Air) | A42 |
| Seat (LH) - Power: 6-way front bench seat 50-50 (Not avail. on Bel Air) | AG7 |
| Tailgate, power - Wagon | C26 |
| Windows, power (Not available on Bel Air) | A31 |
| Trunk opener (Sedans and Coupes) | ACC |

MODEL AVAILABILITY**Bel Air 4-Door Sedan (1BK69)****POWER TRAIN AVAILABILITY**

| Engine | Transmission | Rear Axle |
|-----------------------|-------------------|-----------|
| 350 Cu.In. V-8 2-Bbl. | Turbo Hydra-matic | 3.08:1 |

TAXI EQUIPMENT RPO B02 (Used in addition to or in place of standard equipment)**BODY**

- Heavy duty front and rear seat cushions
- Heavy duty black rubber full width floor mats, front and rear
- RH rear door inside pull handle
- Door open warning light on instrument panel for all doors
- Roof wiring (four 12 ga. wires routed from above headlining to below instrument panel)

CHASSIS

- Heavy duty body mounts
- Special duty front and rear suspension
- Heavy duty rear axle

POWER TEAM

- Heavier duty engine features
- 42-Amp Delcotron generator (61 amp with air conditioning or available separately as RPO K76)
- Heavy duty radiator (RPO V01 forced on)
- Temperature controlled 7-blade fan added for models without air conditioning

NOTE: HR 78 X 15B Steel belted radial ply tires (RPO QEL)
available for taxi models without F41 package.

POLICE CAR

MODEL AVAILABILITY

Bel Air 4-Door Sedan (1BK69)
Impala 4-Door Sedan (1BL69) and Sport Coupe (1BL57)
Bel Air Station Wagons (1BK35-45)
Impala Station Wagons (1BL35-45)

POWER TRAIN AVAILABILITY

| Engine | Transmission | Rear Axle |
|---------------------------------|-------------------|-----------|
| 350 Cu.In. V-8 (base) - 2 bbl.* | Turbo Hydra-matic | 3.08:1 |
| 454 Cu.In. V8 (L54) - 4 bbl.** | Turbo Hydra-matic | 3.08:1 |

*Sedans and Coupes only

+3.08 ratio included when Heavy Duty brakes (RPO J55) are specified for Sedans and Coupes

**This engine (high speed pursuit package) includes:

- Rear stabilizer bar large diameter (except wagons)
- Front stabilizer bar large diameter (except wagons)
- Heavy duty front and rear brakes (RPO J55) (Sedans and Coupes)
- H78x15 nylon Police high-speed tires (RPO QHS) (except wagons)
- More durable upper and lower control arm bushings (standard wagons)
- Metal manifold heat shield (to protect steering coupling shield)

CHASSIS EQUIPMENT RPO B07 (Used in addition to or in place of standard equipment)

- Heavy duty body mounts
- Special front and rear suspension
- Heavy duty rear axle
- Special firm control power steering
- Radio suppression equipment
- Heavy duty 15x6 wheels added for sedans and coupes (standard on station wagons)
- Special 140 MPH speedometer, 2 mph increments, increased accuracy
- More durable front shock absorber upper grommets (standard on wagons)
- Special prop shaft balancing

POWER TEAM

- Heavy duty engine features
- 42-Amp Delcotron Generator (61 amp included in air conditioning or available separately as RPO K76)
- Heavy duty battery 80 amp-hr (RPO UA1 forced on)
- Heavy duty radiator (RPO V01 forced on)
- Temperature controlled 7-blade fan added for models without air conditioning
- Greater capacity engine oil filter

POLICE BODY EQUIPMENT (RPO BY2) RPO B07 Required

- Heavy duty, low profile, front seat
- Full width, front and rear, black rubber floor mats reinforced in critical wear areas
- Urethane foam between roof inner and outer panels to support roof mounted police equipment up to 25 pounds
- Roof wiring (four 12 ga. wires routed from above headlining to below instrument panel)

NOTE: Steel belted radial ply tires available for Police car models without requiring F41 package.
HR78 x 15B (RPO QEL) for sedans and coupes, LR78 x 15C (RPO QCD) for station wagons.

COMFORTRON AUTOMATIC TEMPERATURE CONTROL (RPO C75)

Integral air cooling and heater system. Used only with RPO C60 system. Automatically controlled by pre-setting on instrument control panel. Control assembly consists of horizontal lever and vertical temperature wheel. In-car sensor located on instrument panel; ambient sensor located beneath air intake cowl.

FOUR SEASON (RPO C60)

Integral air cooling and heater system. Manually controlled by two horizontal levers on instrument control panel plus 4-speed fan switch. Upper lever (mode selector control) uses vacuum supply and electrical switches to operate mode doors and compressor. Lower lever uses bowden cable to operate temperature door. Six air outlets: 2 center, 2 side, 2 lower.

BASIC COMPONENTS

Control panel, evaporator, blower, condenser, receiver-dehydrator, refrigerant (freon) tank, air intake assembly and duct assembly for both systems. Comfortron also includes sensors, transducer and power servo unit for automatic operation.

EQUIPMENT (Used in addition to or in place of base equipment)

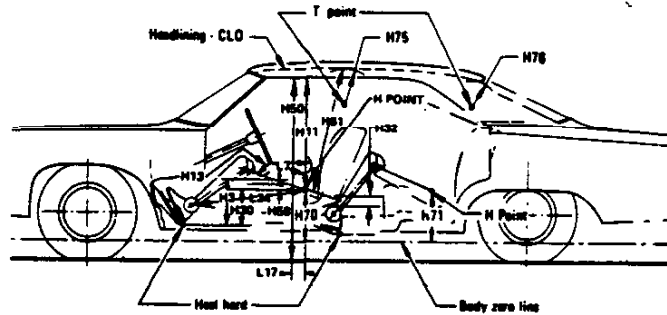
POWER TRAINS

| | |
|------------------------------|--------------------------------|
| Fan Blade | 7 blade |
| Fan Clutch | Thermomodulated fluid coupling |
| Crankshaft Pulley | Single three groove pulley |
| Water Pump & Fan Pulley | Single |
| Compressor & Crankshaft Belt | One |
| Generator | 61 Ampere |
| Radiator | Heavier duty |

DIMENSIONS AND WEIGHTS

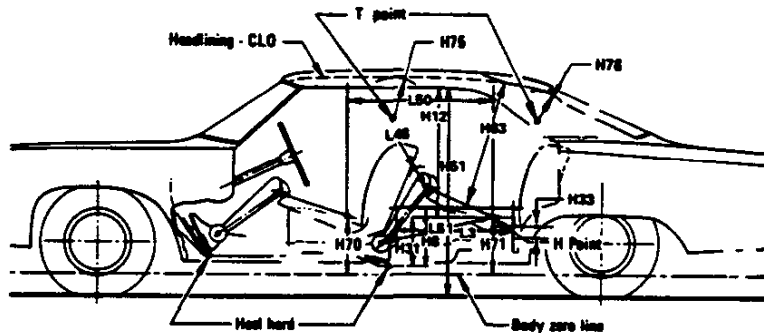
| | |
|---|------------------|
| INTERIOR DIMENSIONS | 2 |
| LUGGAGE CAPACITY | 2 |
| STATION WAGON CARGO SPACE | 3 |
| EXTERIOR DIMENSIONS | 4 & 5 |
| VEHICLE WEIGHTS | 6 |
| OPTIONAL EQUIPMENT WEIGHTS | 7 |

INTERIOR DIMENSIONS



FRONT COMPARTMENT

| CODE | DESCRIPTION | SEDANS | | COUPES | | CONVERT. IBLE | STATION WAGONS | |
|------|--------------------------------|--------|-------|--------|--------|---------------|----------------|--------|
| | | Std. | Sport | Sport | Custom | | 2-Seat | 3-Seat |
| H-3 | Seat cushion height | | | | 10.9 | | | |
| H11 | Entrance height | 30.9 | 30.7 | | | 30.9 | | 30.9 |
| H13 | Steering wheel thigh clearance | | | 4.2 | | | | 3.8 |
| H30 | H point to heel point | | | | 8.2 | | | |
| H32 | Seat cushion deflection | | | | 3.8 | | | |
| H50 | Upper body opening to ground | 50.1 | 49.9 | 49.8 | | 50.1 | 50.4 | 50.5 |
| H58 | H point rise | | | | 0.8 | | | |
| H61 | Effective headroom | 38.9 | 38.4 | 38.1 | | 38.9 | | 39.6 |
| H70 | H point to body O line | | | | 13.1 | | | |
| H75 | Effective "T" point headroom | 39.1 | 38.6 | 38.3 | | 39.1 | | 39.8 |
| W3 | Shoulder room | 64.0 | 63.7 | | | 64.0 | | |
| W5 | Hip room | | | 59.3 | | | | 59.2 |
| L7 | Steering wheel torso clearance | | | | 13.1 | | | |
| L17 | H point travel | | | | 5.8 | | | |
| L34 | Effective leg room | | | | 42.5 | | | |



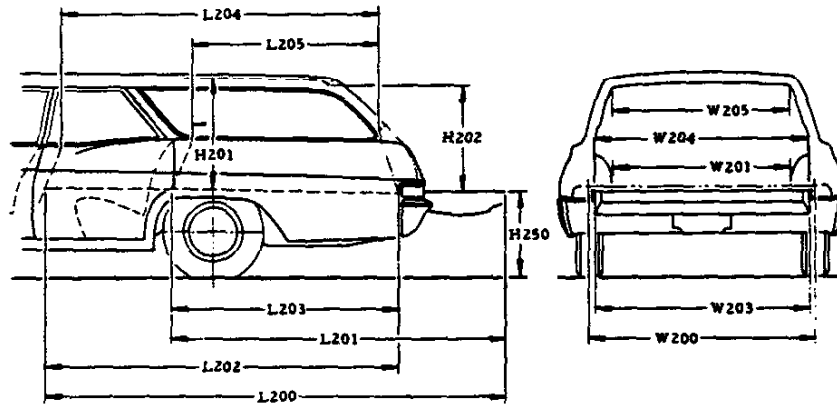
REAR COMPARTMENT

| | | | | | | | | |
|-----|------------------------------|------|------|------|------|------|------|------|
| H8 | Seat cushion height | | 13.6 | | 13.8 | | | 14.0 |
| H12 | Entrance height | 31.0 | 30.3 | | | | | 30.3 |
| H31 | H point to heel point | | 11.2 | | 10.8 | | | 12.0 |
| H33 | Seat cushion deflection | | 3.6 | | 4.2 | | 4.3 | 4.4 |
| H51 | Upper body opening to ground | 49.1 | 48.4 | | | | 50.7 | 49.8 |
| H63 | Effective headroom | 38.0 | 37.4 | 37.1 | | 38.1 | 39.3 | 39.4 |
| H71 | H point to body O line | | 12.6 | | 12.2 | | | 13.5 |
| H76 | Effective "T" point headroom | 37.9 | 37.4 | 37.4 | 37.1 | 38.1 | 39.2 | 39.3 |
| W4 | Shoulder room | 63.8 | 63.1 | | 62.4 | | | 63.1 |
| W6 | Hip room | | 59.7 | | 56.1 | | | 58.9 |
| L3 | Rear compartment room | | 28.9 | | 26.5 | | 29.5 | 27.5 |
| L50 | H point couple distance | | 36.1 | | 33.1 | | 36.6 | 34.6 |
| L51 | Effective leg room | | 38.8 | | 35.8 | | 39.4 | 37.4 |

LUGGAGE COMPARTMENT

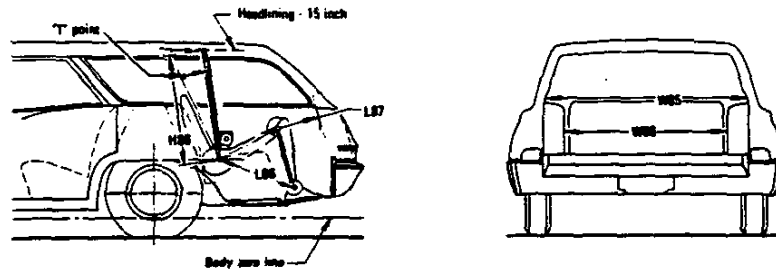
| | | | | | | | | |
|------|----------------------------------|--|------|--|------|------|--|--|
| H195 | Liftover height | | 28.2 | | | | | |
| V1 | Usable luggage capacity (cu.ft.) | | 18.9 | | 18.1 | 15.9 | | |

INTERIOR DIMENSIONS



STATION WAGON CARGO SPACE

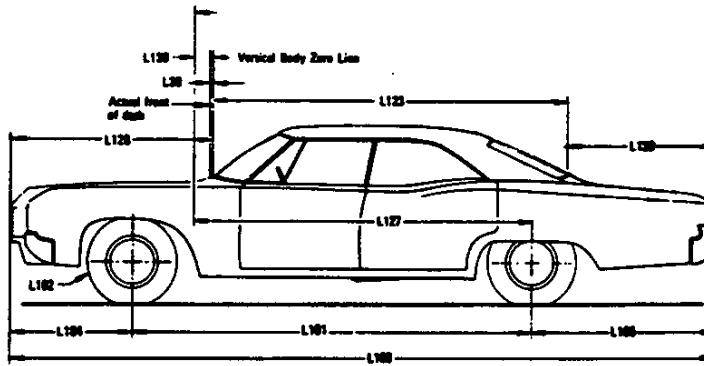
| CODE | DESCRIPTION | 2-Seat | 3-Seat |
|------|-----------------------------------|--------|--------|
| H201 | Maximum cargo height | | 30.6 |
| H202 | Rear opening height | | 29.5 |
| H250 | Tailgate to ground height | 23.6 | 22.2 |
| W200 | Cargo width-front | | 63.4 |
| W201 | Cargo width-wheelhouse | | 48.8 |
| W203 | Rear opening width at floor | | 48.8 |
| W204 | Rear opening width at belt | | 42.0 |
| W205 | Rear opening width above belt | | 42.0 |
| L200 | Maximum cargo length-front seat | | 100.0 |
| L201 | Maximum cargo length-second seat | 58.3 | 65.1 |
| L202 | Cargo length at floor-front seat | | 100.5 |
| L203 | Cargo length at floor-second seat | 58.9 | 65.7 |
| L204 | Cargo length at belt-front seat | | 94.6 |
| L205 | Cargo length at belt-second seat | 55.6 | 57.6 |
| V2 | Total cargo index volume (cu.ft.) | | 105.7 |



STATION WAGON THIRD SEAT

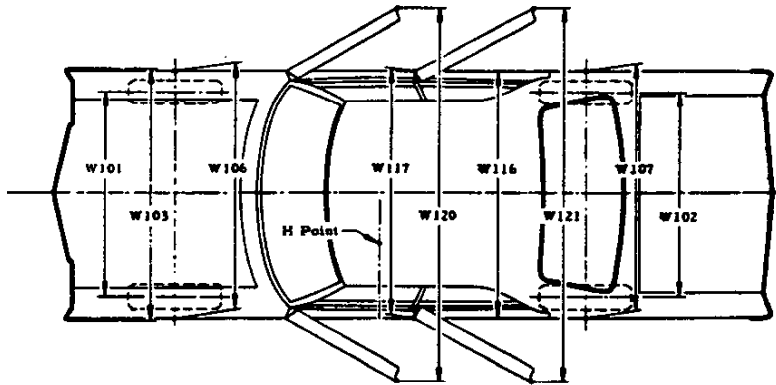
| | | |
|-----|--------------------|------|
| W85 | Shoulder room | 48.4 |
| W86 | Hip room | 44.4 |
| H86 | Effective headroom | 37.8 |
| L86 | Effective leg room | 35.6 |
| L87 | Knee room | 7.7 |

EXTERIOR DIMENSIONS



LENGTHS

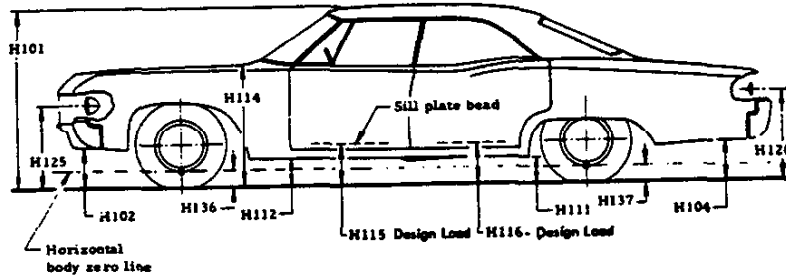
| CODE | DESCRIPTION | SEDANS | | COUPES | | CONVERTIBLE | STATION WAGONS | |
|------|--|--------|-------|-----------------------------|--------|-------------|--------------------------|--------|
| | | Std. | Sport | Sport | Custom | | 2-Seat | 3-Seat |
| L101 | Wheelbase | | | 121.5 | | | 125.0 | |
| L102 | Tire size (standard) | | | HR78-15 | | | LR78-15 | |
| L103 | Overall length | | | 222.7 (with I/strips 223.2) | | | 228.4 (w-I/strips 229.0) | |
| L104 | Overhang, front | | | 42.3 (with I/strips 42.6) | | | | |
| L105 | Overhang, rear | | | 58.9 (with I/strips 59.1) | | | 61.1 (w-I/strips 61.4) | |
| - | Overall length - less bumpers | | | 213.7 | | | 220.7 | |
| L123 | Body upper structure length at car center line | 111.3 | 116.6 | 110.9 | 96.2 | 108.5 | 147.8 | |
| L127 | Body O line to C/L of rear wheels | | | 100.5 | | | 104.0 | |
| L128 | Front end length at center line | | | | 60.4 | | | |
| L129 | Rear end length at center line | 37.2 | 31.8 | 37.5 | 52.2 | 39.9 | - | |
| L130 | Body zero plane to windshield cowl point | | | | 4.5 | | | |
| L30 | Body O line to actual front of dash | | | | -0.5 | | | |



WIDTHS

| | | | | |
|------|---------------------------------------|-------|-------|-------|
| W101 | Tread - front | | 64.1 | |
| W102 | Tread - rear | | 64.0 | |
| W103 | Maximum overall width of car | | 79.5 | |
| W106 | Front fender overall width | | 78.8 | |
| W107 | Rear fender overall width | | 79.0 | 79.8 |
| W116 | Maximum overall width of body | | 79.5 | |
| W117 | Maximum body width at number 2 pillar | 79.5 | - | 79.5 |
| W120 | Overall car width, front doors open | 145.5 | 166.8 | 145.5 |
| W121 | Overall car width, rear doors open | 142.4 | - | 148.4 |

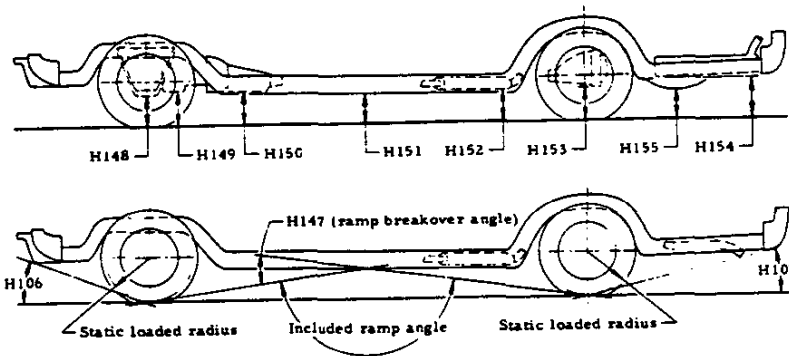
EXTERIOR DIMENSIONS



HEIGHTS

| CODE | DESCRIPTION | SEDANS | | COUPES | | CONVERT- IBLE | STATION WAGONS | |
|------|--------------------------------|--------|-------|--------|--------|------------------|----------------|--------|
| | | Std. | Sport | Sport | Custom | | 2-Seat | 3-Seat |
| H101 | Overall height (design) | 54.5 | 53.9 | | 53.7 | | 58.1 | 57.4 |
| H102 | Front bumper to ground | 11.8 | | | 11.5 | | 12.2 | 12.5 |
| H104 | Rear bumper to ground | | | 11.5 | | | 12.6 | 11.2 |
| H111 | Rocker panel to ground - rear | | | 7.5 | | | 8.7 | 8.0 |
| H112 | Rocker panel to ground - front | | | 8.3 | | | 8.8 | 8.7 |
| H114 | Hood at rear to ground | | | 38.6 | | | 39.0 | 38.9 |
| H115 | Step height - front (design) | 12.7 | | | 12.6 | | 13.4 | 13.1 |
| H116 | Step height - rear (design) | | | 12.3 | | | 13.4 | 12.7 |
| H125 | Headlamp to ground | | | 27.1* | | | 27.0* | 27.3* |
| H126 | Tail lamp to ground | | | 24.4* | | | 28.2 | 26.9 |
| H136 | Body O line to ground - front | | | 6.1 | | | 6.4 | 6.5 |
| H137 | Body O line to ground - rear | | | 5.5 | | | 6.9 | 6.1 |

* $\frac{H125}{H126}$ IBN models, sedans & coupes $\frac{27.6}{24.6}$ station wagons 2-seat $\frac{27.6}{28.2}$ 3-seat $\frac{27.9}{26.9}$



CLEARANCES

| | | | | |
|------|--------------------------------|---------|---------|---------|
| H106 | Angle of approach (degrees) | 20°17' | 20°11' | 20°18' |
| H107 | Angle of departure (degrees) | 14°16' | 14°12' | 13°15' |
| H147 | Ramp breakover angle (degrees) | 14°16' | 14°07' | 13°58' |
| H148 | Front suspension to ground | 6.8 | | 7.1 |
| H149 | Oil pan to ground | 6.1 | | 6.4 |
| H150 | Flywheel housing to ground | 6.4 | | 6.8 |
| H151 | Frame to ground | 6.5 | 7.4 | 7.0 |
| H152 | Exhaust system to ground | 5.7 | 6.4 | 6.2 |
| H153 | Rear axle to ground | 7.3 | 7.6 | 7.5 |
| H154 | Fuel tank to ground | 7.6 | 10.3 | 9.2 |
| H155 | Tire well to ground | - | 8.3 | 7.1 |
| H156 | Minimum ground clearance | 5.7 (a) | 6.4 (a) | 6.2 (a) |

(a) Catalytic converter to ground.

VEHICLE WEIGHTS

MODEL TYPE

| MODEL DESIGNATION | BASE ENGINE | VEHICLE TYPE | SHIPPING WEIGHT | | | CURB WEIGHT | | |
|-------------------|---------------------|-----------------------------|-----------------|------|-------|-------------|------|-------|
| | | | Front | Rear | Total | Front | Rear | Total |
| 1BK69 | 350 Cu.In. V8 (L65) | 4-Door Sedan | 2340 | 1839 | 4179 | 2309 | 2009 | 4318 |
| 1BK35 | 400 Cu.In. V8 (LT4) | 4-Door Station Wgn., 2-Seat | 2379 | 2477 | 4856 | 2352 | 2625 | 4977 |
| 1BK45 | 400 Cu.In. V8 (LT4) | 4-Door Station Wgn., 3-Seat | 2378 | 2535 | 4913 | 2351 | 2683 | 5034 |
| 1BL69 | 350 Cu.In. V8 (L65) | 4-Door Sedan | 2362 | 1856 | 4218 | 2331 | 2026 | 4357 |
| 1BL39 | 350 Cu.In. V8 (L65) | 4-Door Sport Sedan | 2384 | 1881 | 4265 | 2353 | 2051 | 4404 |
| 1BL47 | 350 Cu.In. V8 (L65) | 2-Door Custom Coupe | 2372 | 1818 | 4190 | 2341 | 1988 | 4329 |
| 1BL57 | 350 Cu.In. V8 (L65) | 2-Door Sport Coupe | 2364 | 1843 | 4207 | 2333 | 2013 | 4346 |
| 1BL35 | 400 Cu.In. V8 (LT4) | 4-Door Station Wgn., 2-Seat | 2406 | 2504 | 4910 | 2379 | 2652 | 5031 |
| 1BL45 | 400 Cu.In. V8 (LT4) | 4-Door Station Wgn., 3-Seat | 2400 | 2559 | 4959 | 2373 | 2707 | 5080 |
| 1BN69 | 350 Cu.In. V8 (L65) | 4-Door Sedan | 2414 | 1897 | 4311 | 2383 | 2067 | 4450 |
| 1BN39 | 350 Cu.In. V8 (L65) | 4-Door Sport Sedan | 2437 | 1923 | 4360 | 2406 | 2093 | 4499 |
| 1BN47 | 350 Cu.In. V8 (L65) | 2-Door Custom Coupe | 2420 | 1855 | 4275 | 2389 | 2025 | 4414 |
| 1BN67 | 350 Cu.In. V8 (L65) | 2-Door Convertible | 2453 | 1889 | 4342 | 2422 | 2059 | 4481 |
| 1BN35 | 400 Cu.In. V8 (LT4) | 4-Door Station Wgn., 2-Seat | 2439 | 2539 | 4978 | 2412 | 2687 | 5099 |
| 1BN45 | 400 Cu.In. V8 (LT4) | 4-Door Station Wgn., 3-Seat | 2437 | 2599 | 5036 | 2410 | 2747 | 5157 |

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment, including grease, oil and (3) gallons of gasoline, and engine coolant to capacity.

CURB WEIGHT: Shipping weight plus gasoline to capacity.

VEHICLE WEIGHTS

OPTIONAL EQUIPMENT

| RPO | OPTION | WITH | WEIGHT |
|-----|---|--------------------------------------|--------------------------|
| AU3 | Electric Door Locks | 2-Door Models | + 7 |
| | | 4-Door Models | + 12 |
| A31 | Power Windows | 2-Door Models 1BL57, 1BN67 | + 22 |
| | | 2-Door Models 1BL, 1BN47 | + 11 |
| | | 4-Door Models 1BL, 1BN35, 39, 45, 69 | + 19 |
| A42 | Power Seat | All exc. 1BK69 | + 20 |
| AT8 | Front Seat 50/50 Bench | 2-Door Models 1BL and 1BN | + 29 |
| | | 4-Door Models 1BL and 1BN | + 32 |
| B37 | Front and Rear Floor Mats | | + 11 |
| C09 | Vinyl Roof Cover (Padded Vinyl) | All except Station Wagons | + 7 |
| | | Station Wagons | + 9 |
| C60 | Air Conditioning 4-Season | Used with V8 L65/LM1/LT4 | + 91 |
| | | Used with V8 LS4 | + 98 |
| C61 | Air Conditioning Comfortron | Used with V8 L65/LM1/LT4 | + 96 |
| | | Used with V8 LS4 | +103 |
| N95 | Wire Wheel Trim Covers | 1BK-1BL00 Models | + 22 |
| | | 1BN00 Models | + 20 |
| UA1 | Heavy Duty Battery | | + 2 |
| U63 | Radio AM Pushbutton | | + 6 |
| U69 | Radio AM/FM Pushbutton | | + 8 |
| U58 | Radio AM/FM Stereo | | + 15 |
| UM1 | Radio AM Pushbutton and Tape | | + 20 |
| UM2 | Radio AM/FM Pushbutton and Tape | | + 21 |
| VE5 | Bumper Impact Strip, PVS front and rear | All exc. Station Wagons | + 12 |
| | | Station Wagons | + 15 |
| V30 | Bumper Guards Front and Rear | All except Station Wagons | + 12 |
| | | Station Wagons | + 10 |
| V55 | Roof Luggage Carrier | Station Wagons | + 15 |
| LM1 | 350 Cu. In. V8 Engine | With Turbo Hydra-matic Trans. | + 6 |
| LT4 | 400 Cu. In. V8 Engine | 1BK69-1BL39-47-57-69 | Turbo Hydra-matic Trans. |
| | | 1BN39-47-67-69 | |
| LS4 | 454 Cu. In. V8 Engine | 1BK69, 1BL39-47-57-69 | Turbo Hydra-matic Trans. |
| | | 1BN39-47-67-69 | +269 |
| | | 1BK-1BL-1BN35, 45 | Turbo Hydra-matic Trans. |
| | | | +226 |

BODY

| | |
|--|---------------|
| EXTERIOR PAINT PROCESS | 2 |
| ● EXTERIOR-INTERIOR COLORS | 3, 4, 5, 6, 7 |
| ● BODY CONSTRUCTION AND GLASS AREA | 8 |

EXTERIOR PAINT PROCESS

1. **RUSTPROOFING.** Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.
2. **BODY AND SHEET METAL PRIMERS.** Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.
3. **PRIMER COAT** is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F. for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring another coat of lacquer.
4. **FLASH PRIMER AND PRIMER-SURFACER COATS.** An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.
5. **INITIAL SANDING.** Power wet sanding, followed by hand sanding, is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.
6. **LACQUERING.** Three coats of acrylic lacquer are spread on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.
7. **INITIAL BAKING.** To harden the paint for final sanding, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.
8. **FINAL SANDING.** To remove body surface defects, power and hand sanding is done with fine grit sandpaper and mineral spirits as a wetting agent. Sanded areas are wiped to insure a clean surface before final baking.
9. **FINAL BAKING.** To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften, allowing surface blemishes and sanding scratches to disappear during the thermo-reflow process.
10. **UNDERCOATING.** To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.
11. **PAINT REPAIR AND PROTECTION.** Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

EXTERIOR-INTERIOR COLORS

● EXTERIOR COLORS - VINYL ROOF COMBINATIONS

| VINYL TOP COVER (Material - Levant Grain) | EXTERIOR COLOR AVAILABILITY |
|--|--------------------------------|
| Silver Metallic | Silver Metallic |
| | Black |
| | Bright Blue Metallic |
| | Dark Blue Metallic |
| | Red Metallic |
| Black C/O | All available colors |
| White C/O | All available colors |
| Dark Blue | White |
| | Silver Metallic |
| | Medium-Blue |
| | Bright Blue Metallic |
| | Dark Blue Metallic |
| Medium Green C/O | White |
| | Medium Green |
| | Dark Green Metallic |
| Sandstone | White |
| | Black |
| | Dark Green Metallic |
| | Cream-Beige |
| | Sandstone |
| | Dark Brown Metallic |
| | Persimmon Metallic |
| Maroon - Production Name | White |
| | Silver Metallic |
| Dark Red - Sales Name | Red Metallic |

● CONVERTIBLE TOP AVAILABILITY
Model 1BN67 - White or Black

EXTERIOR-INTERIOR COLORS

1975 CHEVROLET 'B' INTERIOR-EXTERIOR COLOR COMBINATIONS

| MODEL | Seat Type | INTERIOR TRIM | | | | | | | | | | |
|--|--|---------------|-------------|-------|------------|------------------|-------------|------------|------------|-------|--------------|------------|
| | | Black | | | | Medium Sandstone | | | | | Medium Green | |
| | | Vinyl | Perf. Vinyl | Cloth | Knit Cloth | Vinyl | Perf. Vinyl | Knit Vinyl | Knit Cloth | Cloth | Perf. Vinyl | Knit Cloth |
| Bel Air - 1BK00 Sedan (69) Station Wagon (35-45) | Bench | | | 19C | | | | 55V | | 55C | | |
| Impala - 1BL00 Sedan (69) Sedan (69) Sport Sedan (39) Sport Sedan (39) Sport Coupe (57) Sport Coupe (57) Custom Coupe (47) Custom Coupe (47) Station Wagon (35-45) Station Wagon (35-45) | Bench 50-50 Bench 50-50 Bench 50-50 Bench 50-50 Bench 50-50 | | 19W | | 19D | | 55W | | 55D | | 44W | 44D |
| Caprice Classic - 1BN00 Sedan (69) Sedan (69) Sport Sedan (39) Sport Sedan (39) Sport Coupe (47) Sport Coupe (47) Convertible (67) Convertible (67) | Bench 50-50 Bench 50-50 Bench 50-50 Bench 50-50 | 19H | | | 19B | 55H | | | 55B | | | 44B |
| Caprice Estate - 1BN00 Station Wagon (35-45) Station Wagon (35-45) | Bench 50-50 | | 19W | | | 55W | | | | | 44W | |
| EXTERIOR COLOR | Color Code | | | | | | | | | | | |
| White C/O | 11 | | X | | | | | X | | | | X |
| Silver Metallic | 13 | | X | | | | | | | | | |
| Light Graystone | 15 | | X | | | | | | | | | |
| Black C/O | 19 | | X | | | | | X | | | | X |
| Medium Blue | 24 | | X | | | | | | | | | |
| Bright Blue Metallic | 26 | | X | | | | | | | | | |
| Dark Blue Metallic | 29 | | X | | | | | | | | | |
| Medium Green C/O | 44 | | X | | | | | | | | | X |
| Dark Green Metallic | 49 | | X | | | | | X | | | | X |
| Cream-Beige C/O | 50 | | X | | | | | X | | | | |
| Sandstone | 55 | | X | | | | | X | | | | |
| Dark Brown Metallic | 59 | | X | | | | | X | | | | |
| Light Saddle Metallic | 63 | | X | | | | | | | | | |
| Persimmon Metallic | 64 | | X | | | | | X | | | | |
| Red | 72 | | X | | | | | X | | | | |
| Red Metallic C/O | 74 | | X | | | | | | | | | |
| TWO TONE | Color Code | | | | | | | | | | | |
| Lower | Upper | | | | | | | | | | | |
| Medium Blue | White | 24-11 | | X | | | | | | | | |
| Bright Blue Metallic | White | 26-11 | | X | | | | | | | | |
| Dark Blue Metallic | White | 29-11 | | X | | | | | | | | |
| Medium Green C/O | White | 44-11 | | X | | | | | | | | X |
| Dark Green Metallic | White | 49-11 | | X | | | | X | | | | X |
| Sandstone | White | 55-11 | | X | | | | X | | | | |
| Dark Brown Metallic | White | 59-11 | | X | | | | X | | | | |
| Persimmon Metallic | White | 64-11 | | X | | | | X | | | | |
| Red Metallic C/O | White | 74-11 | | X | | | | | | | | |

NOTE: Solid exterior color combinations (except vinyl top or convertible top) may be obtained with non-recommended interior combinations when ZP2 override is specified.

EXTERIOR-INTERIOR COLORS

1975 CHEVROLET "B" INTERIOR - EXTERIOR COLOR COMBINATIONS

| MODEL | Seat Type | INTERIOR TRIM | | | | | | | | | | | | |
|--|--|---------------|------------|-------------|--------------|-------------|-------------|--------------|--------------------------|-----------------------------|--------------------------------|------------------------------|---|---|
| | | Dark Blue | | | | Dark Saddle | | Dark Oxblood | White | | | | | |
| | | Cloth | Knit Vinyl | Perf. Vinyl | ● Knit Cloth | Sport Cloth | Perf. Vinyl | Knit Cloth | Perf. Vinyl with Black † | Perf. Vinyl with Dk. Blue † | Perf. Vinyl with Dk. Oxblood † | Perf. Vinyl with Dk. Green † | | |
| Bel Air - 1BK00 Sedan (69) Station Wagon (35-45) | Bench | 26C | 26V | | | | | | | | | | | |
| Impala - 1BL00 Sedan (69) Sport Sedan (39) Sport Sedan (39) Sport Coupe (57) Sport Coupe (57) Custom Coupe (47) Custom Coupe (47) Station Wagon (35-45) Station Wagon (35-45) | Bench 50-50 Bench 50-50 Bench 50-50 Bench 50-50 Bench 50-50 | | | 26W | 26D | 63E | 63W | | | | | | | |
| Caprice Classic - 1BN00 Sedan (69) Sedan (69) Sport Sedan (39) Sport Sedan (39) Sport Coupe (47) Sport Coupe (47) Convertible (67) Convertible (67) | Bench 50-50 Bench 50-50 Bench 50-50 Bench 50-50 | | | | 26B | | | | | 73B | | | | |
| Caprice Estate - 1BN00 Station Wagon (35-45) Station Wagon (35-45) | Bench 50-50 | | | 26W | | 63E | 63W | | | | | | | |
| EXTERIOR COLOR | | Color Code | | | | | | | | | | | | |
| White C/O | 11 | | | X | | X | | X | X | X | X | X | X | X |
| Silver Metallic | 13 | | | X | | | | X | X | | | | | |
| Light Graystone | 15 | | | | | | | X | X | | | | | |
| Black C/O | 19 | | | X | | X | | X | X | | | | | |
| Medium Blue | 24 | | | X | | | | | X | X | | | | |
| Bright Blue Metallic | 26 | | | X | | | | | X | X | | | | |
| Dark Blue Metallic | 29 | | | X | | | | | | X | | | | |
| Medium Green C/O | 44 | | | | | | | | X | | | | | |
| Dark Green Metallic | 49 | | | | | | | X | | | | | | X |
| Cream-Beige C/O | 50 | | | | | | | X | | X | | | | |
| Sandstone | 55 | | | | | | | X | | X | | | | |
| Dark Brown Metallic | 59 | | | | | | | X | | X | | | | |
| Light Saddle Metallic | 63 | | | | | | | X | | X | | | | |
| Persimmon Metallic | 64 | | | | | | | X | | X | | | | |
| Red | 72 | | | | | | | | X | X | | | | |
| Red Metallic C/O | 74 | | | | | | | | X | X | | | X | |
| TWO TONE | | Color Code | | | | | | | | | | | | |
| Lower | Upper | | | | | | | | | | | | | |
| Medium Blue | White | 24-11 | | X | | | | | X | X | | | | |
| Bright Blue Metallic | White | 26-11 | | X | | | | | | X | | | | |
| Dark Blue Metallic | White | 29-11 | | X | | | | | | X | | | | |
| Medium Green C/O | White | 44-11 | | | | | | | X | | | | | X |
| Dark Green Metallic | White | 49-11 | | | | | | X | | | | | | X |
| Sandstone | White | 55-11 | | | | | | X | | X | | | | |
| Dark Brown Metallic | White | 59-11 | | | | | | X | | X | | | | |
| Persimmon Metallic | White | 64-11 | | | | | | X | | X | | | | |
| Red Metallic C/O | White | 74-11 | | | | | | | X | X | | | X | |

NOTES:

- 11W † - White Vinyl interior with Black Instrument Panel upper and lower, carpet, Cowl Kick Panel, and Package Shelf.
- 02W † - White Vinyl interior with Dark Blue Instrument Panel upper and lower, Cowl Kick pad, Carpet, and Package Shelf.
- 07W † - White Vinyl interior with Dark Oxblood Instrument Panel upper and lower, Cowl Kick pad, Carpet and Package Shelf.
- 04W † - White Vinyl interior with Dark Green Instrument Panel upper and lower, Carpet, Cowl Kick Panel, and Package Shelf.

NOTE: Solid exterior color combination (except vinyl top or convertible top) may be obtained with non-recommended interior combinations when ZP2 override is specified.

EXTERIOR-INTERIOR COLORS

PVC MOLDING COLOR APPLICATION

MODEL AVAILABILITY

- Caprice Classic — 1BN39 Sport Sedan
- 1BN47 Sport Coupe
- 1BN67 Convertible
- 1BN69 Sedan

NOTE:

PVC moldings to match vinyl top colors when vinyl tops are specified

PVC moldings to be White when two-tone paint is specified

PVC moldings to match convertible top colors

PVC molding color usage with no vinyl top to be as noted on chart below

| EXTERIOR COLOR | CODE NO. | MOLDING COLORS | | | | | | |
|-----------------------|----------|------------------------|-----------------|------------------|----------------------|-----------------------|----------------------|-------------------|
| | | WPV4322 SILVER MET. | WPV848 BLACK | WPV3967 WHITE | WPV4633 DARK BLUE | WPV4516 MED. GREEN | WPV4740 LT. BEIGE | WPV4533 MAROON |
| White C/O | 11 | | | X | | | | |
| Silver Metallic | 13 | X | | | | | | |
| Light Graystone | 15 | | X | | | | | |
| Black C/O | 19 | | X | | | | | |
| Medium Blue | 24 | | | | X | | | |
| Bright Blue Metallic | 26 | | X | | | | | |
| Dark Blue Metallic | 29 | | | | X | | | |
| Medium Green C/O | 44 | | | | | X | | |
| Dark Green Metallic | 49 | | | | | X | | |
| Cream Beige C/O | 50 | | | | | | X | |
| Sandstone | 55 | | | | | | X | |
| Dark Brown Metallic | 59 | | X | | | | | |
| Light Saddle Metallic | 63 | | X | | | | | |
| Persimmon Metallic | 64 | | X | | | | | |
| Red | 72 | | X | | | | | |
| Red Metallic C/O | 74 | | | | | | | X |

EXTERIOR-INTERIOR COLORS

● 1975 CHEVROLET - 1BL47 & 1BN47 RPO Z03 LANDAU
EXTERIOR COLOR/STRIPE/VINYL TOP APPLICATION

| EXTERIOR COLOR | VINYL TOP COLORS (CB4) | | | | | | | |
|-----------------------|------------------------|------------------|-----------------|------------------|-----------------|-------------|-----------------|--------------|
| | White | Black | Dark Blue | Medium Green | Sandstone | Maroon | Silver Metallic | |
| White | Black (19A) | Black (19A) | Dark Blue (29A) | Med. Green (44A) | Sandstone (55A) | Red (78A) | - | - |
| Silver Metallic | White (11A) | Black (19A) | Dark Blue (29A) | - | - | Red (78A) | Black (19A) | - |
| Light Graystone | White (11A) | Black (19A) | - | - | - | - | - | - |
| Black | White (11A) | White (11A) | - | - | Sandstone (55A) | - | Silver (15A) | - |
| Medium Blue | White (11A) | Black (19A) | Dark Blue (29A) | - | - | - | - | - |
| Bright Blue Metallic | White (11A) | Black (19A) | Dark Blue (29A) | - | - | - | Silver (15A) | - |
| Dark Blue Metallic | White (11A) | White (11A) | Med. Blue (24A) | - | - | - | Silver (15A) | - |
| Medium Green | White (11A) | Black (19A) | - | Dark Green (49A) | - | - | - | - |
| Dark Green Metallic | White (11A) | Med. Green (44A) | - | Med. Green (44A) | Sandstone (55A) | - | - | - |
| Cream Beige | White (11A) | Black (19A) | - | - | Black (19A) | - | - | - |
| Sandstone | White (11A) | Black (19A) | - | - | Black (19A) | - | - | - |
| Dark Brown Metallic | White (11A) | Sandstone (55A) | - | - | Sandstone (55A) | - | - | - |
| Light Saddle Metallic | White (11A) | Black (19A) | - | - | - | - | - | - |
| Persimmon Metallic | White (11A) | Black (19A) | - | - | Sandstone (55A) | - | - | - |
| Red | White (11A) | Black (19A) | - | - | - | - | - | - |
| Red Metallic | White (11A) | Black (19A) | - | - | - | White (11A) | - | Silver (15A) |

STRIPE IDENTIFICATION

| | | |
|-----|------------|----------|
| 11A | White | WA 3967 |
| 15A | Silver | WSA 4814 |
| 19A | Black | WA 848 |
| 24A | Med. Blue | WA 4631 |
| 29A | Dk. Blue | WSA 4811 |
| 44A | Med. Green | WA 4516 |
| 49A | Dk. Green | WSA 4810 |
| 55A | Sandstone | WA 4635 |
| 78A | Red | WAS 4815 |

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Doors, front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheet metal, with protective inner fender skirts. Double panel roof construction with integral front and rear headers and side rails.

DOORS AND LOCKS

Door construction Double steel panels, with side guard beam. Doors hinged at front.
 Door handles Pull-type exterior. Free-wheeling inside door handles on all doors.
 Front door glass Full ventless windows on all models.

HOOD AND TRUNK LID

Type Counterbalanced, with spring loaded toggle action hinges on rear of hood and boxed hinges on trunk lid with torsion rod.
 Hood release Internal; to left of steering column under instrument panel.

VENTILATION

High level air intake for passenger compartment with double wall plenum chamber. Astro Ventilation with instrument panel outlets standard on all.
 Flow through ventilation Air enters cowl plenum thru louvers in the hood and passes into the passenger compartment thru two upper level vents in the instrument panel and a lower vent below the panel. To assure constant flow, the heater blower moves air thru the lower vent whenever the ignition is on and the engine coolant is 95°F or higher. To exit, air passes under the rear seat cushion into the trunk, and rear quarters to baffle type outlets on door lock pillars.

SEAT CONSTRUCTION

Type
 All seat cushions and backrests . . . Formed polyfoam

SEATS, STATION WAGON (3-seat models)

Second 2/3, 1/3 split to allow access to third seat
 Third Forward facing

WINDSHIELD WIPERS AND WASHERS

Type Concealed dual 2-speed electric with 18" blades
 Linkage Parallel acting with articulated left arm.

HEADLIGHTS Dual, round, outboard of grille, above deep section bumper.

SPARE TIRE AND TOOLS

Location Sedans and Sport Coupes, angled on center of shelf in trunk compartment; Station wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Convertible, right side of trunk compartment rearward of wheelhouse. Tools consist of bumper jack with combination lever handle and wheel nut wrench mounted on diagonal brace in R.H. wheelhouse.

STATION WAGON REAR WINDOW & TAILGATE

Operation Gate moves downward into recess in load floor. Window moves upward into roof cavity.
 Power tailgate window Standard
 Power tailgate Optional
 Stowage compartment Hidden under load floor

BODY GLASS VISIBILITY AREA

| | MODELS | | | | | |
|----------------------|--------|--------|--------|--------|--------|--------|
| | 69 | 39 | 57 | 47 | 67 | 35-45 |
| Windshield | 1542.7 | | 1511.4 | | 1445.1 | 1542.7 |
| Front Door Window | 773.5 | 873.4 | 1149.7 | 1112.6 | 1149.2 | 773.5 |
| Rear Door Window | 612.6 | 690.0 | - | - | - | 845.9 |
| Rear Quarter Window | - | 284.1 | 465.9 | 638.2 | 382.0 | 1646.3 |
| Rear Window | 1359.0 | 1276.5 | 1303.0 | 1025.2 | 738.1 | 882.1 |
| Total Area (Sq. In.) | 4287.8 | 4635.4 | 4430.0 | 4287.4 | 3714.4 | 5690.5 |

All window glass curved safety solid plate except curved laminated safety windshield and safety solid plate fixed convertible rear window.

CHASSIS

| | |
|---|------|
| FRAME AND FRONT SUSPENSION | 2, 3 |
| STEERING, DRIVELINE, WHEELS AND TIRES | 4 |
| REAR AXLE AND SUSPENSION | 5, 6 |
| BRAKES | 7 |
| BULBS AND LAMPS | 8 |
| FUSES AND CIRCUIT BREAKERS | 9 |

FRAME AND FRONT SUSPENSION

FRAME

Description All-welded perimeter frames with front and rear crossmember for all models: rear axle upper control arm crossmember for sedans, coupes and convertible; center crossmember for wagons.

Construction All box section front end assemblies. Open channel center rails for sedans and coupes, box section for convertible and wagons. Open channel kickup for wagons, box section for sedans, coupes and convertible. Front crossmember rear braces for all models, front braces for wagons.

Body Mounting

Coupe, Sedan & Convertible 7 each
side of frame - 12 double cushion and 2 single cushion
Station Wagons 6 each
side of frame - 12 double cushions

FRONT SUSPENSION

Description Independent, SLA type with coil springs and concentric shock absorbers and spherical joint steering knuckle pivots for each wheel.

Wheel travel (design)

Total 7.01
Jounce 2.65
Rebound 4.36
Wheel to spring, travel ratio 2.05:1

CONTROL ARMS

Description Reinforced steel stamping with pre-loaded, steel encased rubber bushings at pivot.

STEERING KNUCKLES

Description Nodular iron with integral steering arm

Spindle diameters

Inner bearing 1.37455
Outer bearing 0.84325

Spindle thread size 3/4 - 20UNEF-3A (modified)

Wheel bearing

Type Taper roller
Number Two per spindle

SPHERICAL JOINTS

Type Ball studs, upper self-adjusting for wear, lower has a wear indicator

Bearing surfaces

Upper Two bearings; upper surface teflon coated phenolic; lower surface teflon cotton composition
Lower One bearing; steel

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
Piston diameter 1.00

STABILIZER BAR

Type Link
Material HR steel
Diameter
Exc. Wagons 0.97
Station Wagons 1.125

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) Left $P1 \pm 1$; Right $P1/2 \pm 1$
Caster (degrees) $P1 - 1/2 \pm 1$
Toe-in (total) $1/16 \pm 1/8$
Steering axis inclination (degrees) $9.11 @ 1^\circ$ camber

GENERAL SUSPENSION PROVISIONS

Car leveling Front stabilizer bar
Anti-dive control Angle of front upper control arm
Anti-squat control Rear suspension geometry

FRAME AND FRONT SUSPENSION

FRONT SPRINGS

Selected from a family of coil springs by Electronic Data Processing which identifies the correct springs for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRINGS SPECIFICATIONS

| Part Number | Assy. Code | Cut-Off Length | Wire Dia. | Total Coils | Deflection Rate (lbs./inch) | Heights | |
|-------------|------------|----------------|-----------|-------------|-----------------------------|---------|----------------------|
| | | | | | | Free | Working (In. @ Lbs.) |
| 344505 | LH | 147.15 | .730 | 9.62 | 440 | 17.73 | 11.0 @ 2950 |
| 344515 | LW | 152.33 | .703 | 10.02 | 365 | 18.08 | 11.0 @ 2575 |
| 344516 | LX | 153.93 | .705 | 10.12 | 365 | 18.29 | 11.0 @ 2650 |
| 344517 | LY | 147.09 | .730 | 9.62 | 440 | 17.32 | 11.0 @ 2770 |
| 346902 | MY | 149.94 | .735 | 9.82 | 440 | 17.53 | 11.0 @ 2860 |
| 3988115 | BG | 142.94 | .693 | 9.62 | 365 | 17.06 | 11.0 @ 2200 |
| 3988116 | BH | 146.09 | .698 | 9.82 | 365 | 17.26 | 11.0 @ 2275 |
| 3988117 | BJ | 147.68 | .700 | 9.92 | 365 | 17.47 | 11.0 @ 2350 |
| 3988118 | BK | 149.28 | .703 | 10.02 | 365 | 17.67 | 11.0 @ 2425 |
| 3988119 | BL | 154.01 | .710 | 10.32 | 365 | 17.88 | 11.0 @ 2500 |
| 3988134 | BZ | 137.62 | .719 | 9.22 | 440 | 16.10 | 11.0 @ 2230 |
| 3988135 | JW | 137.65 | .719 | 9.22 | 440 | 16.30 | 11.0 @ 2320 |
| 3988136 | JA | 142.41 | .727 | 9.52 | 440 | 16.50 | 11.0 @ 2410 |
| 3988137 | JX | 144.01 | .730 | 9.62 | 440 | 16.71 | 11.0 @ 2500 |
| 3988138 | JY | 145.67 | .733 | 9.72 | 440 | 16.91 | 11.0 @ 2590 |
| 3988139 | JZ | 148.81 | .738 | 9.92 | 440 | 17.12 | 11.0 @ 2680 |

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

| | |
|---|--|
| Wheel | |
| Type | Oval, with center shroud |
| Diameter | 15.25 x 14.75 |
| Optional | Tilt; steering shaft universally jointed at base of steering wheel |
| Column | Energy absorbing - mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions |
| Gear - Power (Standard) | |
| Type | Integral, recirculating ball nut, with hydraulic pressure provided from a vane type pump. |
| Ratios, Gear | 15.0:1 on center to 13.0:1 |
| Ratios, Overall | 16.2:1 on center to 14.6:1 |
| Number of turns, lock to lock | 3.06 |
| Linkage | Parallelogram, front of wheels 2 tie rods |
| Turning Diameter (ft.) - Outside Front | |
| Wall to Wall | |
| Sedan and Coupes | 45.2 |
| Station Wagons | 46.2 |
| Curb to Curb | |
| Sedan and Coupes | 41.7 |
| Station Wagons | 42.8 |
| Outside wheel angle with inside wheel @ 20° | 18.62 |

DRIVELINE

| | |
|--------------------------------|-------------------------|
| Type | |
| Sedans, Coupes and Convertible | Straight tube |
| Station Wagons | Swaged tube |
| Number Used | One |
| Diameter (OD) | |
| Sedans, Coupes and Convertible | 2.75 |
| Remainder | 3.25 |
| Length | |
| Sedans, Coupes and Convertible | 56.49 |
| Station Wagon | 59.74 |
| Wall Thickness | 0.065 |
| Propeller Shaft Damper | |
| Station Wagon | Internal |
| Universal Joints | |
| Type | |
| Sedans, Coupes and Convertible | |
| Front | Cross |
| Rear | Constant velocity |
| Station Wagon (Front & Rear) | Cross |
| Number Used | Two |
| Bearings | Pre-pack, anti-friction |

WHEELS

| | |
|----------------------|-------------------------|
| Type | Steel, short spoke disc |
| Size | 15 x 6 |
| Offset | 0.34 |
| Attachment to Hub | |
| Type | 5 hex nuts |
| Thread Size | 1/2-20 UNF 2B |
| Bolt Circle Diameter | 5.00 |

TIRES, STANDARD EQUIPMENT

| | |
|---------------------------------------|------|
| Size - Sedans, Coupes and Convertible | |
| HR78 x 15B - Steel belted radial | Base |
| Static loaded radius | 12.4 |
| Loaded rev/mi @ 45 mph | 745 |
| Capacity @ 24 psi | 1510 |
| Size - Station Wagons | |
| LR78 x 15C - Steel belted radial | Base |
| Static loaded radius | 12.8 |
| Loaded rev/mi @ 45 mph | 719 |
| Capacity @ 24 psi | 1680 |

REAR AXLE AND SUSPENSION

REAR AXLE

| | |
|---|---|
| Description | Semi-floating axle shafts; housing consists of two welded tubes pressed into crossbore of cast iron differential carrier. Carrier contains an overhung pinion and hypoid gear supported by two taper roller bearings. |
| Drive pinion to ring gear vertical offset | 1.75 |
| Hypoid gear PD (See Power Train Section, page 2, for application) | |
| 2.56, 2.73, 3.08 | 8.50 |
| 2.73, 3.08 | 8.875 |
| Pinion bearing adjustment | Shim |
| Lubricant | |
| Type | Military Spec. MIL-L-2105-B |
| Viscosity | SAE80 |
| Capacity (pts) | |
| 8.50 Hypoid gear P.D. | 4.25 |
| 8.875 Hypoid gear P.D. | 4.90 |

AXLE SHAFT

| | |
|----------------|--|
| Type | Forged and hardened steel with integral drive flange |
| Wheel bearings | Single row cylindrical roller, one per wheel |
| Oil seal | Steel encased, spring loaded synthetic rubber |

RING AND PINION GEAR TOOTH COMBINATIONS

| | |
|-------------------------|--------|
| 8.50 Ring gear diameter | |
| 2.56 | 16, 41 |
| 2.73 | 41, 15 |
| 3.08 | 40, 13 |

RING AND PINION GEAR TOOTH COMBINATIONS

| | |
|--------------------------|--------|
| 8.875 Ring gear diameter | |
| 2.73 | 41, 15 |
| 3.08 | 40, 13 |

POSITRACTION DIFFERENTIAL (See Power Trains)

| | |
|------|--------------------------------------|
| Type | Two pinion with multiple disc clutch |
|------|--------------------------------------|

REAR SUSPENSION, REGULAR PRODUCTION

| | |
|-----------------|--|
| Description | |
| Sedans & Coupes | Four-link type. Two upper control arms bias mounted and two lower control arms parallel mounted. |
| Station Wagons | Hotchkiss drive with multiple (6) leaf springs. |

Wheel Travel (design)

| | |
|--------------------------------|--------|
| Total | |
| Sedans, Coupes and Convertible | 9.00 |
| Station Wagons | 8.34 |
| Jounce | |
| Sedans, Coupes and Convertible | 3.38 |
| Station Wagons | 3.05 |
| Rebound | |
| Sedans, Coupes and Convertible | 5.62 |
| Station Wagons | 5.29 |
| Wheel to spring travel ratio | |
| Sedans, Coupes and Convertible | .98:1 |
| Station Wagons | 1.00:1 |

SHOCK ABSORBERS

| | |
|-----------------|---------------------------------|
| Type | Direct double acting, hydraulic |
| Piston diameter | 1.00 |

REAR AXLE AND SUSPENSION

REAR SPRINGS – SEDANS AND COUPES

Selected from a family of springs by Electronic Data Processing which identifies the correct springs for the weight of the vehicle including optional equipment ordered by the customer.

COIL SPRING SPECIFICATIONS – SEDANS, COUPES & CONVERTIBLES

| Part Number | Assy. Code | Cut-Off Length | Wire Dia. | Total Coils | Deflection Rate (lbs./inch) | Heights | |
|-------------|------------|----------------|-----------|-------------|-----------------------------|---------|----------------------|
| | | | | | | Free | Working (In. @ Lbs.) |
| 480263 | – | 123.4 | .560 | 7.23 | 115 | 17.83 | 10 @ 900 |
| 482064 | XI | 128.5 | .567 | 7.48 | 115 | 18.26 | 10 @ 950 |
| 482065 | XK | 128.5 | .567 | 7.48 | 115 | 18.70 | 10 @ 1000 |
| 482066 | XL | 132.9 | .573 | 7.71 | 115 | 19.13 | 10 @ 1050 |
| 482067 | XM | 138.3 | .580 | 7.98 | 115 | 19.57 | 10 @ 1100 |
| 482068 | XN | 143.1 | .586 | 8.22 | 115 | 20.00 | 10 @ 1150 |
| 482076 | XW | 142.3 | .598 | 8.17 | 125 | 19.60 | 10 @ 1200 |
| 482084 | – | 109.4 | .583 | 6.48 | 155 | 15.81 | 10 @ 900 |
| 482085 | – | 117.9 | .597 | 6.91 | 155 | 16.13 | 10 @ 950 |
| 482086 | YH | 117.9 | .597 | 6.91 | 155 | 16.45 | 10 @ 1000 |
| 482087 | YJ | 125.7 | .609 | 7.30 | 155 | 16.77 | 10 @ 1050 |
| 482088 | YK | 125.7 | .615 | 7.30 | 155 | 17.10 | 10 @ 1100 |
| 482089 | YL | 129.7 | .615 | 7.50 | 155 | 17.42 | 10 @ 1150 |
| 482090 | YM | 129.7 | .615 | 7.50 | 155 | 17.74 | 10 @ 1200 |
| 482152 | ZA | 132.5 | .619 | 7.64 | 155 | 18.06 | 10 @ 1250 |
| 483671 | ZH | 136.7 | .625 | 6.59 | 155 | 18.39 | 10 @ 1300 |

● MULTI-LEAF SPRING SPECIFICATIONS – STATION WAGONS

| Part Number | Number of Leaves | Length | Width | Shackle | Mounting Insulation | Assy. Code | Deflection Rate (lbs/in) | Load .58 Spring Camber (lbs) |
|-------------|------------------|--------|-------|-----------------------|-------------------------------------|------------|--------------------------|------------------------------|
| 494677 | Six | 57.0 | 2.50 | Comp. precession type | Rubber bushed at shackle and hanger | XA | 182 | 1100 |
| 494678 | | | | | | XB | 182 | 1170 |
| 494679 | | | | | | XC | 182 | 1240 |
| 494680 | | | | | | XD | 196 | 1310 |
| 494681 | | | | | | XF | 196 | 1380 |
| 494684 | | | | | | UU | 225 | 1100 |
| 494685 | | | | | | UW | 225 | 1190 |
| 494686 | | | | | | WK | 225 | 1280 |
| 494687 | | | | | | XH | 235 | 1370 |

BRAKES

| | | Sedans and Coupes | Station Wagons | |
|-----------------|--|---|---------------------|--------------------|
| General | Type | Power assisted disc front and drum rear | | |
| | System | Dual circuit hydraulic system with warning light and self-adjusting features; metering and proportioning valve (except Station Wagons) provide balance between front and rear brakes. | | |
| Front Brakes | Type | Disc - single piston floating caliper | | |
| | Material | Cast iron - vented | | |
| | Diameter and Width | 11.86 x 1.28 | | |
| | Lining material | Molded asbestos composition | | |
| | Method of attachment | Riveted | | |
| | Lining Size (length x width x thickness) | Inboard | 5.40 x 1.92 x 0.465 | |
| | | Outboard | 5.40 x 1.92 x 0.465 | |
| | Lining area (sq. in.) | 41.47 | | |
| | Effective area (sq. in.) | 36.8 | | |
| | Swept area (sq. in.) | 235.9 | | |
| Piston diameter | 2.94 | | | |
| Rear Brakes | Type | Finned drum - composite, web cast into rim | | |
| | Material | Web - HR steel; Rim - Cast alloy iron | | |
| | Diameter and width | 11.0 x 2.00 | 12.0 x 2.00 | |
| | Lining material | Molded asbestos composition | | |
| | Method of attachment | Riveted | | |
| | Lining size (length x width x thickness) | Primary | 8.95 x 2.0 x 0.25 | 9.83 x 2.0 x 0.25 |
| | | Secondary | 11.59 x 2.0 x 0.29 | 12.77 x 2.0 x 0.32 |
| | Lining area (sq. in.) | 81.64 | 90.48 | |
| | Effective area (sq. in.) | 74.37 | 83.32 | |
| | Swept area (sq. in.) | 134.4 | 146.6 | |
| Piston diameter | 0.9375 | 1.0 | | |
| Apply System | Master cylinder diameter | 1.125 | | |
| | Piston travel | 1.41 | | |
| | Pedal travel | 5.38 | | |
| | Pedal ratio | 3.00:1 | | |
| | Line pressure @ 100 lb. pedal load | 773 | | |
| Parking Brake | Type | Mechanical; pull rods and cables operate rear service brakes; parking brake "ON" warning light provided. | | |
| | Control | Pendulum foot pedal; released by "T" handle located below instrument panel to left of steering column. | | |
| | Total effective area | 74.4 | 83.3 | |

BULBS AND LAMPS

| BULBS AND LAMPS | NUMBER REQUIRED ALL TRADE NUMBER | CANDLE POWER PER LAMP | |
|---------------------------------|-------------------------------------|--------------------------|-----------------------------------|
| Automatic transmission Quadrant | 1-194 | 2 | |
| Back-up | 2-1156 | 32 | |
| Brake warning | 1-194 | 2 | |
| Courtesy | | | |
| Instrument panel | 2-631 | 6 | |
| Direction signal indicator | 2-194 | 2 | |
| Door open indicator | 1-194 | 2 | |
| Dome | 1-211 | 12 | |
| Dome reading lamp | Reading Dome | 2-1004 1-211 | 15 12 |
| Generator indicator | 1-194 | 2 | |
| Glove compartment | 1-1891 | 2 | |
| Headlamp hi-beam indicator | 1-194 | 2 | |
| Headlamp | Outer | 2-4000 | High beam 37.5W Low beam 55.0W |
| | Inner | 2-5001 | High beam 37.5W |
| Heater controls | 1-1895 | 2 | |
| Instrument cluster | 4-168 | 3 | |
| License plate, rear | 1-168 | 3 | |
| Luggage compartment | 1-1003 | 15 | |
| Oil pressure indicator | 1-194 | 2 | |
| Parking | | | |
| Park | 2-1157 | 2,2 | |
| Turn | | 24 | |
| Seat belt warning | 2-194 | 2 | |
| Side Marker - Front | 2-194 | 2 | |
| Side Marker - Rear | 2-194 | 2 | |
| Radio dial RPO U63 and/or U69 | 1-1816 | 3 | |
| Radio dial and indicator | 1-1816 (dial) | 3-dial | |
| RPO U58 | 1-66 (indicator) | 1-indicator | |
| Radio dial and indicator | 1-564 (dial) | 2-dial | |
| RPO UM1 and/or UM2 | 1-66 (indicator) | 1-indicator | |
| Tail, stop and turn | 1157* | Tail, 3; stop & turn, 32 | |
| Temperature indicator | 1-194 | 2 | |
| Underhood | 1-93 | 15 | |

*-Station wagons and Bel Air sedan, 2; balance 4.

FUSES AND CIRCUIT BREAKERS

| CIRCUIT | TYPE OF PROTECTION | LOCATION AND CIRCUIT* |
|----------------------------------|--------------------|-----------------------|
| Air conditioning | 30 amp fuse | In line |
| | 25 amp fuse | Fuse panel (h) |
| Back-up lamps | 20 amp fuse | Fuse panel (b) |
| Brake warning lamp | 10 amp fuse | Fuse panel (c) |
| Choke pull-out solenoid | 10 amp fuse | Fuse panel (g) |
| Cigarette lighter | 20 amp fuse | Fuse panel (e) |
| Clock | 20 amp fuse | Fuse panel (e) |
| Courtesy lamps | 20 amp fuse | Fuse panel (e) |
| Defroster rear window | 10 amp fuse | Fuse panel (c) |
| Direction signal indicator lamps | 20 amp fuse | Fuse panel (b) |
| Dome lamp & reading lamp | 20 amp fuse | Fuse panel (e) |
| Door open indicator | 20 amp fuse | Fuse panel (d) |
| Fuel gauge | 10 amp fuse | Fuse panel (c) |
| Folding top motor | 30 amp CB | Fuse panel |
| Generator indicator lamp | 25 amp fuse | Fuse panel (h) |
| Glove compartment lamp | 20 amp fuse | Fuse panel (e) |
| Headlamps | Circuit breaker | Light switch |
| Headlamps hi-beam indicator lamp | Circuit breaker | Light switch |
| Heater | 25 amp fuse | Fuse panel (h) |
| Heater control lamp | 3 amp fuse | Fuse panel (f) |
| Idle stop solenoid | 10 amp fuse | Fuse panel (g) |
| Instrument cluster lamps | 3 amp fuse | Fuse panel (f) |
| Key buzzer | 20 amp fuse | Fuse panel (e) |
| License plate lamp, rear | 20 amp fuse | Fuse panel (d) |
| Luggage compartment lamp | 20 amp fuse | Fuse panel (e) |
| Oil pressure indicator lamp | 10 amp fuse | Fuse panel (c) |
| Override relay | 10 amp fuse | Fuse panel (c) |
| Park and turn lamps - front | 20 amp fuse | Fuse panel (d) |
| Power heat valve solenoid | 10 amp fuse | Fuse panel (g) |
| Power seat | 30 amp CB | Fuse panel |
| Power tailgate window | 30 amp CB | Fuse panel |
| Power tailgate window relay | 20 amp fuse | Fuse panel (b) |
| Power windows | 20 amp CB | Firewall |
| Radio | 10 amp fuse | Fuse panel (g) |
| Radio lamp | 3 amp fuse | Fuse panel (f) |
| Seat belt warning lamp | 10 amp fuse | Fuse panel (c) |
| Seat belt warning buzzer | 10 amp fuse | Fuse panel (c) |
| Side marker lamp - front | 20 amp fuse | Fuse panel (d) |
| Side marker lamp - rear | 20 amp fuse | Fuse panel (d) |
| Speed cruise control | 10 amp fuse | Fuse panel (c) |
| Starter interlock relay | 10 amp fuse | Fuse panel (c) |
| Stop and turn lamps | 20 amp fuse | Fuse panel (a) |
| Tail lamps | 20 amp fuse | Fuse panel (d) |
| Temperature indicator lamp | 10 amp fuse | Fuse panel (c) |
| Traffic hazard indicator | 20 amp fuse | Fuse panel (a) |
| Underhood lamp | 15 amp fuse | In line |
| Windshield wiper, two-speed | 25 amp fuse | Fuse panel |
| Wiper system - pulse | 10 amp fuse | Fuse panel (g) |
| Transmission downshift | 10 amp fuse | Fuse panel (g) |

*Letter suffix indicates same circuit

POWER TRAINS

| | |
|---|----|
| POWER TEAM COMBINATIONS | 2 |
| POWER TEAM MULTIPLICATION FACTORS | 3 |
| ENGINE DATA AND RATINGS | 4 |
| ENGINE SPEED AND PISTON TRAVEL | 5 |
| VEHICLE PERFORMANCE FACTORS | 6 |
| PRINCIPAL COMPONENTS | 7 |
| FUEL SYSTEM | 13 |
| EXHAUST SYSTEM | 14 |
| EMISSION CONTROL EQUIPMENT | 15 |
| LUBRICATION SYSTEM | 16 |
| COOLING SYSTEM | 17 |
| ELECTRICAL SYSTEM | 18 |
| TURBO HYDRA-MATIC TRANSMISSION | 19 |

POWER TEAM COMBINATIONS

| ENGINE | TRANSMISSION | MODEL APPLICATION | AXLE RATIOS* | | | RING GEAR |
|--|-------------------|------------------------------|--------------|---------|---------------|-------------------|
| | | | BASE | HIGHWAY | HIGH ALTITUDE | |
| 350 Cubic Inch V-8 Standard (L65) - Not available in California | Turbo Hydra-matic | Coupes, Sedans & Convertible | 3.08:1 | 2.73:1 | | 8.50 |
| 350 Cubic Inch V-8 RPO LM1 - California only | Turbo Hydra-matic | Coupes, Sedans & Convertible | 3.08:1 | 2.73:1 | | 8.50 |
| Turbo-Fire 400 400 Cubic Inch V-8 RPO LT4 (a) All States | Turbo Hydra-matic | Coupes, Sedans & Convertible | 2.73:1 | 2.56:1 | | 8.50 |
| | | Station Wagons | 3.08:1 | 2.73:1 | | 8.875 |
| Turbo-Jet 454 454 Cubic Inch V-8 RPO LS4 - Not available in California | Turbo Hydra-matic | Coupes, Sedans & Convertible | 2.73:1 | | 3.08:1 | 8.50 (b) 8.875 |
| | | Station Wagons | 2.73:1 | | 3.08:1 | 8.875 |

* - Positraction axles available optionally for all ratios; same ratios available with Air Conditioning.

(a) Base engine for Station Wagons - optional other models listed.

(b) 8.875 gear optional

MULTIPLICATION FACTORS

WITH AUTOMATIC TRANSMISSIONS

| ENGINE | TRANSMISSION | SELECTOR POSITION | TOTAL TORQUE MULTIPLICATION* | AXLE RATIO |
|--|----------------------|-------------------|------------------------------|------------|
| 350 Cu.In. V-8 Std. (L65) & RPO LM1 (Bel Air & Impala Coupe & Sedans) | Turbo Hydra-matic | Drive | 15.52:1 - 3.08:1 | 3.08:1 |
| | | Low | 15.52:1 - 7.76:1 | |
| | | Second | 15.52:1 - 4.68:1 | |
| | | Reverse | 11.89:1 - 5.94:1 | |
| 400 Cu.In. V-8 RPO LT4 (All models except Station Wagons) | Turbo Hydra-matic | Drive | 14.22:1 - 2.73:1 | 2.73:1 |
| | | Low | 14.22:1 - 6.77:1 | |
| | | Second | 14.22:1 - 4.04:1 | |
| | | Reverse | 11.93:1 - 5.68:1 | |
| 400 Cu.In. V-8 Standard (LT4) (Station Wagons only) | Turbo Hydra-Matic | Drive | 16.04:1 - 3.08:1 | 3.08:1 |
| | | Low | 16.04:1 - 7.64:1 | |
| | | Second | 16.04:1 - 4.56:1 | |
| | | Reverse | 13.46:1 - 6.40:1 | |
| 454 Cu.In. V-8 RPO LS4 (All models) | Turbo Hydra-matic | Drive | 14.22:1 - 2.73:1 | 2.73:1 |
| | | Low | 14.22:1 - 6.77:1 | |
| | | Second | 14.22:1 - 4.04:1 | |
| | | Reverse | 11.93:1 - 5.68:1 | |

*—Axle ratio x transmission ratio.

ENGINE DATA AND RATINGS

GENERAL DATA

| | | | | |
|---|---|-------------------------------------|--------------|--------------|
| Engine Type | V-8 OHV | | | |
| Piston Displacement (Cu. In.) | 350 | | 400 | 454 |
| Availability | L65 (Std.) | LM1 | LT4 † | LS4 |
| Number of Cylinders | Eight | | | |
| Bore and Stroke (nominal) | 4.00 x 3.48 | | 4.126 x 3.75 | 4.251 x 4.00 |
| Compression Ratio | 8.5:1 | | | 8.15:1 |
| Taxable (SAE) Horsepower | 51.2 | | 54.4 | 57.8 |
| Firing Order | 1-8-4-3-6-5-7-2 | | | |
| Idling Speed – Automatic (in Drive) | 600 | | | |
| Compression Press. (PSI) @ Cranking Speed, Engine Hot | 150 | | 160 | |
| Power Plant Mountings | Front | Two, preloaded captive cushion type | | |
| | Rear | One; full shear type | | |
| Measurements | Fan to rear of engine block | 31.55 | | 33.97 |
| | Top of air cleaner to bottom of oil pan | 29.60 | 28.52 | 29.60 |
| | Width - including air cleaner | 28.53 | | 33.31 |

ADVERTISED ENGINE RATING

| Engine Designation | V8-350 Cu. In. | V8-350 Cu. In. | V8-400 Cu. In. | V8-454 Cu. In. |
|--------------------------|----------------|----------------|----------------|----------------|
| Availability | L65 (Std.) | RPO LM1 | RPO LT4 † | RPO LS4 |
| Carburetor | Two Barrel | Four Barrel | Four Barrel | Four Barrel |
| Net Brake HP @ RPM | 145 @ 3800 | 155 @ 3800 | 175 @ 3600 | 215 @ 4000 |
| Net Torque @ RPM (lb-ft) | 250 @ 2200 | 250 @ 2400 | 305 @ 2000 | 350 @ 2400 |

† Standard with Station Wagons

ENGINE SPEED AND PISTON TRAVEL

V-8 350 CU. IN. ENGINES (BASE - L65 & RPO LMI)

| Model Availability | Coupes, Sedans & Convertible | |
|---------------------------------|------------------------------|---------------|
| Transmission | Turbo Hydra-matic | |
| Rear Axle Ratio | 3.08:1 | |
| Tire Size | HR78 x 15B | |
| Crankshaft Revolutions per Mile | 2294.6 | |
| Crankshaft RPM @ 1 MPH | Low | 96.4 |
| | Second | 58.1 |
| | Third | 38.2 (direct) |
| | Reverse | 73.8 |
| Piston Travel (ft/mile) | 1292.6 | |

V-8 400 CU. IN. ENGINE (RPO LT4)

| Model Availability | Coupes, Sedans & Convertible | Station Wagons |
|---------------------------------|------------------------------|----------------|
| Transmission | Turbo Hydra-matic | |
| Rear Axle Ratio | 2.73:1 | 3.08:1 |
| Tire Size | HR78 x 15B | LR78 x 15B |
| Crankshaft Revolutions per Mile | 2033.8 | 2214.5 |
| Crankshaft RPM @ 1 MPH | Low | 84.1 |
| | Second | 50.2 |
| | Third | 33.9 (direct) |
| | Reverse | 70.6 |
| Piston Travel (ft/mile) | 1271.2 | 1384.1 |

V-8 454 CU. IN. ENGINE

| Model Availability | Coupes, Sedans & Convertible | Station Wagons |
|---------------------------------|------------------------------|----------------|
| Transmission | Turbo Hydra-matic | |
| Rear Axle Ratio | 2.73:1 | |
| Tire Size | HR78-15B | LR78-15B |
| Crankshaft Revolutions per Mile | 2033.8 | 1962.9 |
| Crankshaft RPM @ 1 MPH | Low | 84.1 |
| | Second | 50.2 |
| | Third | 33.9 |
| | Reverse | 70.6 |
| Piston Travel (ft/mile) | 1355.9 | 1308.6 |

VEHICLE PERFORMANCE FACTORS

| ENGINE | 350 CU.IN. 145 HP | 350 CU.IN. 155 HP | 400 CU.IN. 175 HP | 454 CU.IN. 215 HP |
|--------|----------------------|----------------------|----------------------|----------------------|
| MODEL | 1BK69 | 1BK69 | 1BL69 | 1BN69 |

TURBO HYDRA-MATIC

| | | | | |
|---------------------------------------|--------|--------|--------|--------|
| Performance Weight (pounds) | 4918 | 4924 | 4985 | 5294 |
| Pounds per Net Horsepower | 33.92 | 31.77 | 28.49 | 24.62 |
| Pounds per Cu.In. Displacement | 14.05 | 14.07 | 12.46 | 11.66 |
| Net HP per Cu.In. Displacement | .414 | .443 | .437 | .473 |
| Power Displacement (cu.ft./mile) | 232.38 | 232.38 | 235.39 | 267.17 |
| Displacement Factor (cu.ft./ton mile) | 94.46 | 94.46 | 94.54 | 100.82 |

GLOSSARY

| | |
|---------------------|---|
| Performance Weight | Curb Weight plus 600 Lb. (weight of four 150 lb passengers) |
| Power Displacement | $\frac{\text{Crankshaft Revs/Mi} \times \text{Piston Displacement}}{2 \times 1728}$ |
| Displacement Factor | $\frac{\text{Power Displacement}}{\text{Performance Wt (tons)}}$ |

PRINCIPAL COMPONENTS

CYLINDER BLOCK

| | |
|--|----------------------------------|
| Material | Cast alloy iron |
| Bore diameter | |
| V8-350 Cu.In. | 3.9995-4.0025 |
| V8-400 Cu.In. | 4.1245-4.1275 |
| V8-454 Cu.In. | 4.2500-4.2520 |
| No. of Bulkheads | |
| L6 | 7 |
| V8 | 5 |
| Water Jacket | Full length around each cylinder |
| Bearing Caps (Number, material & attachment) | |
| V8-350 Cu.In. | 5, cast iron, 2-bolt |
| V8-400 Cu.In. | 5, cast iron, 2-bolt |
| V8-454 Cu.In. | 5, cast iron, 2-bolt |
| Bore Spacing (Centerline to Centerline) | |
| V8-350 & 400 Cu.In. | 4.4 |
| V8-454 Cu.In. | 4.84 |

CYLINDER HEAD

| | |
|-----------------|-------------------------------|
| Material | High chrome cast alloy iron |
| Bolt No. & Size | |
| V8-350 Cu.In. | 34; .4375 dia. 14 threads/in. |
| V8-400 Cu.In. | 34; .4375 dia. 14 threads/in. |
| V8-454 Cu.In. | 32; .4375 dia. 14 threads/in. |

COMBUSTION CHAMBER VOLUME

| | |
|--|-------------|
| (Total chamber volume of assembled engine with piston at top center) | |
| V8-350 Cu.In. | 6.27 Cu.In. |
| V8-400 Cu.In. | 6.99 Cu.In. |
| V8-454 Cu.In. | 8.24 Cu.In. |

INLET MANIFOLD

| | |
|----------|---------------------|
| Material | Cast alloy iron |
| Type | 8 port, double deck |

EXHAUST MANIFOLD

| | |
|---------------------------|-----------------------------|
| Material | Cast alloy iron |
| Type | |
| V8-350 & 400 Cu.In. | Dual, 4 port, rear takedown |
| V8-454 Cu.In. | Dual, 4 port, rear takedown |
| Outlet Diameter (Nominal) | |
| V8-350 & 400 Cu.In. | 2.0 |
| V8-454 Cu.In. | 2.5 |

CRANKSHAFT

| | |
|-----------------------|-------------------------|
| Material | |
| V8-350 & 400 Cu.In. | Cast nodular iron |
| V8-454 Cu.In. | Cast nodular iron |
| End Play | |
| V8-350 & 400 Cu.In. | .002-.007 |
| V8-454 Cu.In. | .006-.010 |
| Counter Weights | 6 |
| Crank Arm Length | |
| V8-350 Cu.In. | 1.74 |
| V8-400 Cu.In. | 1.88 |
| V8-454 Cu.In. | 2.00 |
| Torsional Damper | Rubber mounted inertia |
| Timing Gear | Steel; sprocket & chain |
| Pulley Pitch Diameter | 6.64 |

MAIN BEARINGS

| | |
|------------------------|--|
| Material | Steel, backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application) |
| Type | Precision removable |
| Thrust Against Bearing | No. 5 |
| Clearance | |
| V8-350 & 400 Cu.In. | |
| No. 1 | .0008-.0020 |
| No. 2, 3 & 4 | .0011-.0023 |
| No. 5 | .0017-.0033 |
| V8-454 Cu.In. | |
| No. 1 | .0007-.0019 |
| No. 2, 3 & 4 | .0013-.0025 |
| No. 5 | .0019-.0035 |

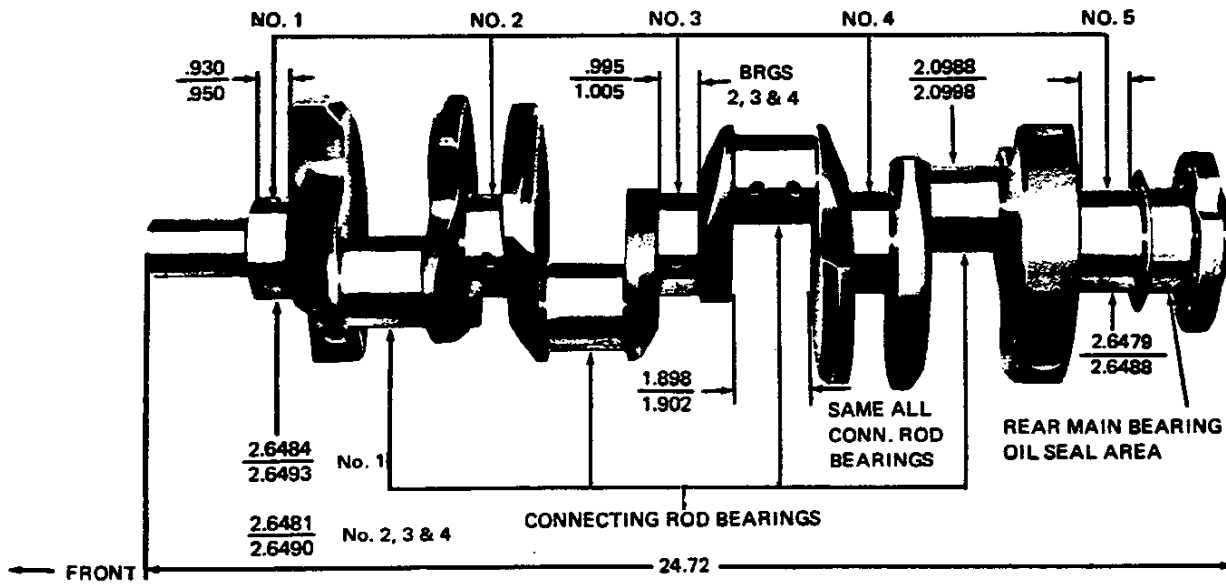
| Dimensions | Theoretical | Effective | Projected |
|----------------------|-------------|-----------|-----------|
| | Inner Dia. | Length | Area |
| V8-350 Cu.In. | | | |
| Bearing No. 1-4 | 2.4502 | .752 | 1.8425 |
| Bearing No. 5 | 2.4508 | 1.180 | 2.8919 |
| V8-400 Cu.In. | | | |
| Bearing No. 1-4 | 2.6503 | .752 | 1.9930 |
| Bearing No. 5 | 2.6509 | 1.181 | 3.1307 |
| V8-454 Cu.In. | | | |
| Bearing No. 1 | 2.7499 | .992 | 2.7279 |
| Bearing No. 2-4 | 2.7504 | .992 | 2.7284 |
| Bearing No. 5 | 2.7505 | 1.256 | 3.4535 |

PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

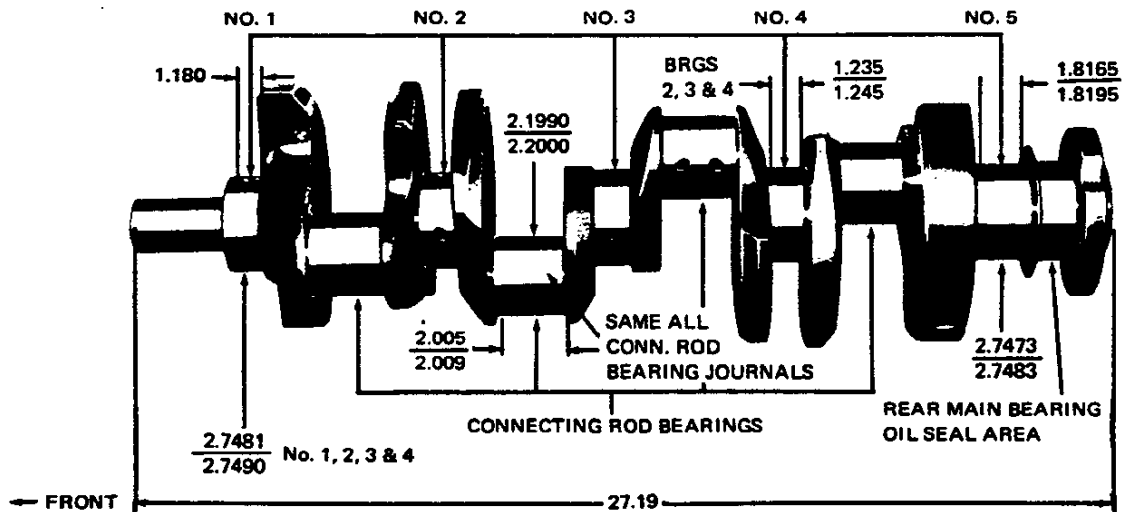
400 CUBIC INCH V-8 ENGINES

MAIN BEARING JOURNALS



454 CUBIC INCH V-8 ENGINES

MAIN BEARING JOURNALS



PRINCIPAL COMPONENTS

CAMSHAFT

| | |
|---------------------|----------------------------|
| Material | Cast alloy iron |
| Drive | Sprocket & chain; steel |
| Lobe Lift | |
| V8-350 & 400 Cu.In. | .2600 Inlet; .2733 Exhaust |
| V8-454 Cu.In. | .2588 Inlet & Exhaust |
| Bearings | Steel backed babbit |

VALVE TRAIN

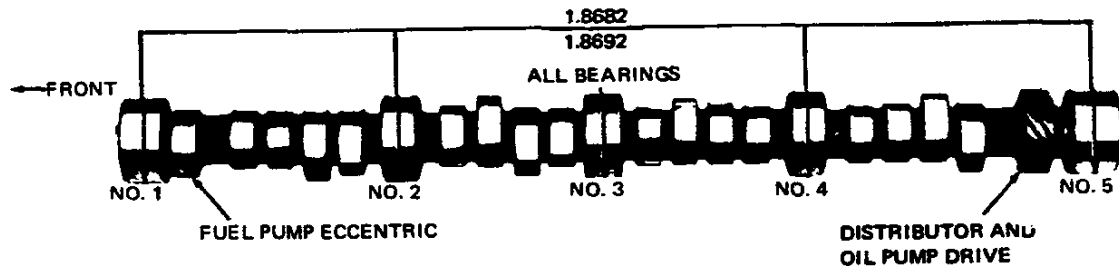
| | |
|---------------------|---|
| Type | Individually mounted, overhead rocker arms, push rod actuated |
| Lifters | Hydraulic |
| Push Rods | |
| Type | Hollow steel |
| Ends | |
| V8-350 & 400 Cu.In. | Hardened |
| V8-454 Cu.In. | Hardened steel inserts |
| Rocker Arms | |
| Material | Stamped steel |
| Ratio | |
| V8-350 & 400 Cu.In. | 1.50:1 |
| V8-454 Cu.In. | 1.70:1 |
| Rotators | Exhaust |

VALVE SPRINGS

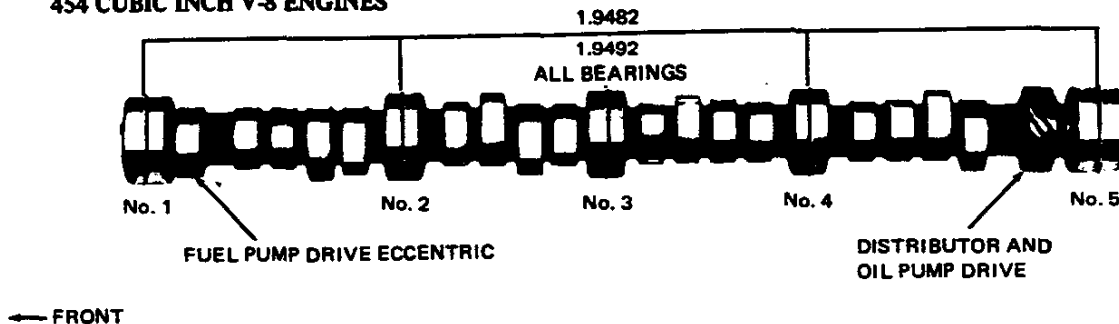
| | |
|------------------------------|------------------------|
| Diameter (I.D.) | |
| V8-350 Cu.In. | .868-.884 |
| V8-400 Cu.In. | .868-.884 |
| V8-454 Cu.In. | 1.086-1.098 |
| Installed Length (lb. @ In.) | |
| Valves Closed | |
| V8-350 & 400 Cu.In. | |
| Inlet | 76-84 @ 1.70 |
| Exhaust | 74-86 @ 1.61 |
| V8-454 Cu.In. | 84-96 @ 1.80 |
| Valves Opened | |
| V8-350 & 400 Cu.In. | |
| Inlet | 194-206 @ 1.25 |
| Exhaust | 194-206 @ 1.16 |
| V8-454 Cu.In. | 210-230 @ 1.40 |
| Free Length | |
| V8-350 Cu.In. | 2.03 |
| V8-400 Cu.In. | 2.03 |
| V8-454 Cu.In. | 2.09 |
| Valve Spring Damper | |
| V8-350 Cu.In. | Flat steel, 4 coils |
| V8-400 Cu.In. | Flat steel, 4 coils |
| V8-454 Cu.In. | Flat steel, 3.62 coils |

CAMSHAFT AND BEARINGS

350 and 400 CUBIC INCH V-8 ENGINES



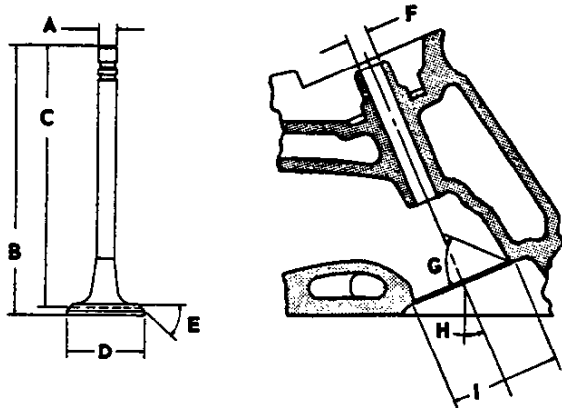
454 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

VALVES - INLET

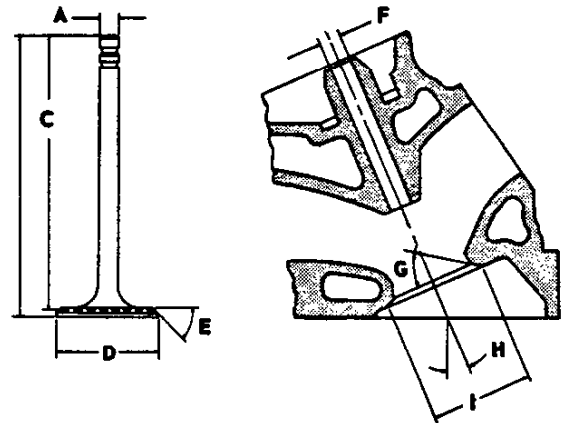
| | |
|------------------------------------|------------------------|
| Material | Alloy steel |
| Coating | |
| V8-350 Cu.In. | None |
| V8-400 Cu.In. | Aluminized face |
| V8-454 Cu.In. | Face & head aluminized |
| Valve Guide Inserts (V8-454) | Cast alloy iron |



| | |
|---------------------------|-------------|
| A - Stem Diameter | |
| V8-350 & 400 Cu.In. | .3410-.3417 |
| V8-454 Cu.In. | .3715-.3722 |
| B - Overall Length | |
| V8-350 & 400 Cu.In. | 4.870-4.889 |
| V8-454 Cu.In. | 5.215-5.235 |
| C - Gage Length | |
| V8-350 & 400 Cu.In. | 4.785-4.795 |
| V8-454 Cu.In. | 5.115-5.125 |
| D - Overall Head Diameter | |
| V8-350 & 400 Cu.In. | 1.935-1.945 |
| V8-454 Cu.In. | 2.060-2.070 |
| E - Angle of Face | 45° |
| F - Guide Diameter | |
| V8-350 & 400 Cu.In. | .3427-.3437 |
| V8-454 Cu.In. | .3732-.3742 |
| G - Angle of Seat | 46° |
| H - Valve Angle | |
| V8-350 & 400 Cu.In. | 23° |
| V8-454 Cu.In. | 4° |
| I - Valve Seat Diameter | |
| V8-350 & 400 Cu.In. | 1.823-1.829 |
| V8-454 Cu.In. | 1.962-1.968 |

VALVES - EXHAUST

| | |
|------------------------------------|------------------------|
| Material | High alloy steel |
| Coating | |
| V8-350 Cu.In. | Aluminized face |
| V8-400 Cu.In. | Aluminized face |
| V8-454 Cu.In. | Face & head aluminized |
| Valve Guide Inserts (V8-454) | Cast alloy iron |



| | |
|---------------------------|-------------|
| A - Stem Diameter | |
| V8-350 & 400 Cu.In. | .3410-.3417 |
| V8-454 Cu.In. | .3713-.3720 |
| B - Overall Length | |
| V8-350 & 400 Cu.In. | 4.910-4.930 |
| V8-454 Cu.In. | 5.345-5.365 |
| C - Gage Length | |
| V8-350 & 400 Cu.In. | 4.781-4.791 |
| V8-454 Cu.In. | 5.235-5.245 |
| D - Overall Head Diameter | |
| V8-350 & 400 Cu.In. | 1.495-1.505 |
| V8-454 Cu.In. | 1.715-1.725 |
| E - Angle of Face | 45° |
| F - Guide Diameter | |
| V8-350 & 400 Cu.In. | .3427-.3437 |
| V8-454 Cu.In. | .3732-.3742 |
| G - Angle of Seat | 46° |
| H - Valve Angle | |
| V8-350 & 400 Cu.In. | 23° |
| V8-454 Cu.In. | 4° |
| I - Valve Seat Diameter | |
| V8-350 & 400 Cu.In. | 1.321-1.327 |
| V8-454 Cu.In. | 1.583-1.589 |

PRINCIPAL COMPONENTS

VALVE LIFT

| | |
|---------------|----------------------------|
| V8-350 Cu.In. | .3900 Inlet; .4100 Exhaust |
| V8-400 Cu.In. | .3900 Inlet; .4100 Exhaust |
| V8-454 Cu.In. | .4400 Inlet & Exhaust |

VALVE TIMING (Crankshaft degrees - Excluding ramps)

| | |
|---------------------------|------|
| V8-350 Cu.In. | |
| Inlet Valve (Zero lash) | |
| Opens - BTC | 28° |
| Closes - ABC | 72° |
| Duration | 280° |
| Exhaust Valve (Zero lash) | |
| Opens - BBC | 78° |
| Closes - ATC | 30° |
| Duration | 288° |
| V8-400 Cu.In. | |
| Inlet Valve (Zero lash) | |
| Opens - BTC | 28° |
| Closes - ABC | 72° |
| Duration | 280° |
| Exhaust Valve (Zero lash) | |
| Opens - BBC | 78° |
| Closes - ATC | 30° |
| Duration | 288° |
| V8-454 Cu.In. | |
| Inlet Valve (Zero lash) | |
| Opens - BTC | 55° |
| Closes - ABC | 111° |
| Duration | 346° |
| Exhaust Valve (Zero lash) | |
| Opens - BBC | 105° |
| Closes - ATC | 63° |
| Duration | 348° |

PISTONS

| | |
|-------------------------------|-------------------------|
| Material | Cast aluminum alloy |
| Head Type | |
| V8-350 Cu.In. | Sump head |
| V8-400 Cu.In. | Sump head |
| V8-454 Cu.In. | Flat head, valve cutout |
| Skirt Type | |
| | Slipper |
| Top Land Clearance | |
| V8-350 Cu.In. | .0235-.0325 |
| V8-400 Cu.In. | .0365-.0455 |
| V8-454 Cu.In. | .0270-.0330 |
| Skirt Clearance | |
| V8-350 Cu.In. | .0007-.0017 |
| V8-400 Cu.In. | .0014-.0024 |
| V8-454 Cu.In. | .0018-.0028 |
| Compression Ring Groove Depth | |
| V8-350 Cu.In. | .2218-.2308 |
| V8-400 Cu.In. | .2328-.2393 |
| V8-454 Cu.In. | .2350-.2410 |
| Oil Ring Groove Depth | |
| V8-350 Cu.In. | .2038-.2128 |
| V8-400 Cu.In. | .2183-.2248 |
| V8-454 Cu.In. | .2185-.2245 |
| Pin Bore Offset | .055-.065 |
| Compression Height | |
| V8-350 & 400 Cu.In. | 1.558-1.562 |
| V8-454 Cu.In. | 1.641-1.649 |

PISTON PINS

| | |
|---------------------|-----------------------------|
| Material | Chromium steel |
| Length | |
| V8-350 & 400 Cu.In. | 2.990-3.010 |
| V8-454 Cu.In. | 2.930-2.950 |
| Diameter | |
| V8-350 & 400 Cu.In. | .9270-.9273 |
| V8-454 Cu.In. | .9895-.9898 |
| Clearance in Piston | |
| V8-350 Cu.In. | .00025-.00035 |
| V8-400 Cu.In. | .00025-.00035 |
| V8-454 Cu.In. | .00030-.00040 |
| Pin Mounting | Locked in rod by shrink fit |

PRINCIPAL COMPONENTS

COMPRESSION RINGS – UPPER

| | |
|----------------|---|
| Material | Cast alloy iron |
| Type | Straight edge inside of ring |
| Face | Barrel |
| Coating | |
| V8-350 Cu.In. | Chrome plate |
| V8-400 Cu.In. | Molybdenum inlay |
| V8-454 Cu.In. | Molybdenum inlay and graphite impregnated |
| Width | |
| V8-350 Cu.In. | .0775-.0780 |
| V8-400 Cu.In. | .0770-.0780 |
| V8-454 Cu.In. | .0770-.0775 |
| Wall Thickness | |
| V8-350 Cu.In. | .190-.200 |
| V8-400 Cu.In. | .196-.206 |
| V8-454 Cu.In. | .202-.212 |
| Gap | |
| V8-350 Cu.In. | .010-.020 |
| V8-400 Cu.In. | .010-.020 |
| V8-454 Cu.In. | .010-.020 |

COMPRESSION RINGS – LOWER

| | |
|----------------|--|
| Material | Cast alloy iron |
| Type | Inside bevel (top of ring 30 degrees to piston vertical axis for V8-350 & 400; and 28°-52° for V8-454) |
| Face | Tapered |
| Coating | |
| V8-350 Cu.In. | Wear resistant |
| V8-400 Cu.In. | Chrome plated |
| V8-454 Cu.In. | Chrome plated |
| Width | |
| V8-350 Cu.In. | .0770-.0775 |
| V8-400 Cu.In. | .0770-.0780 |
| V8-454 Cu.In. | .0770-.0775 |
| Wall Thickness | |
| V8-350 Cu.In. | .190-.200 |
| V8-400 Cu.In. | .196-.206 |
| V8-454 Cu.In. | .202-.212 |
| Gap | |
| V8-350 Cu.In. | .013-.025 |
| V8-400 Cu.In. | .010-.020 |
| V8-454 Cu.In. | .010-.020 |

OIL CONTROL RINGS

| | |
|-------------------|--|
| Type | Multi-piece (Two rails and one spacer) |
| Material | |
| Rails | Steel |
| Spacer | Alloy steel |
| Width (assembled) | |
| V8-350 Cu.In. | .1850-.1870 |
| V8-400 Cu.In. | .1850-.1870 |
| V8-454 Cu.In. | .1832-.1852 |
| Wall Thickness | |
| V8-350 Cu.In. | .150-.156 |
| V8-400 Cu.In. | .144-.150 |
| V8-454 Cu.In. | .144-.150 |
| Gap | |
| V8-350 Cu.In. | .015-.055 |
| V8-400 Cu.In. | .010-.025 |
| V8-454 Cu.In. | .010-.035 |
| Rail Coatings | Chrome plated |

CONNECTING RODS

| | |
|---------------------------|-------------------|
| Material | Drop forged steel |
| Length (center to center) | |
| V8-350 Cu.In. | 5.695-5.705 |
| V8-400 Cu.In. | 5.560-5.570 |
| V8-454 Cu.In. | 6.130-6.140 |

CONNECTING ROD BEARINGS

| | |
|------------------|---------------------|
| Material | Premium aluminum |
| Type | Precision removable |
| Clearance | |
| V8-350 Cu.In. | .0013-.0035 |
| V8-400 Cu.In. | .0013-.0025 |
| V8-454 Cu.In. | .0009-.0025 |
| Theoretical I.D. | |
| V8-350 Cu.In. | 2.1012 |
| V8-400 Cu.In. | 2.1012 |
| V8-454 Cu.In. | 2.2012 |
| Effective Length | |
| V8-350 Cu.In. | .797 |
| V8-400 Cu.In. | .797 |
| V8-454 Cu.In. | .847 |
| End Play | |
| V8-350 Cu.In. | .006-.016 |
| V8-400 Cu.In. | .008-.014 |
| V8-454 Cu.In. | .015-.023 |

FUEL TANK

| | |
|---------------------------------------|----------------------------------|
| Capacity (gallons) | |
| Sedans, Coupes & Convertibles . . . | 26 (approximately) |
| Station Wagons | 22 (approximately) |
| Fuel Tank Location | |
| Sedans, Coupes & Convertibles . . . | Behind rear axle |
| Station Wagons | In left quarter panel |
| Filler Location | |
| Sedans, Coupes & Convertibles | Behind hinged rear license plate |
| Station Wagons | Left rear quarter panel |

FUEL FILTERS, DUAL

| | |
|-------------------------------|---------------|
| In Fuel Tank | Mesh strainer |
| In Carburetor Inlet | Paper |

FUEL PUMP ASSEMBLY

| | |
|--|------------------------------|
| Type | Mechanical; diaphragm |
| Drive | Camshaft, eccentric |
| Location | Right side front of engine |
| Pressure Range (shut off pressure at 1800 RPM) | |
| V8-350 Cu.In. | 7.50-9.00 PSI at pump outlet |
| V8-400 Cu.In. | 7.50-9.00 PSI at pump outlet |
| V8-454 Cu.In. | 7.50-9.00 PSI at pump outlet |

AIR CLEANER

| | |
|--------------------------|--|
| Type | Cylindrical with air horn attached to ducted air inlet |
| Diameter | |
| V8-350 Cu.In. | 15.42 |
| V8-400 Cu.In. | 15.42 |
| V8-454 Cu.In. | 15.42 |
| Filter Element | Oil-wetted paper |

CARBURETORS

| | |
|--|---|
| Type | |
| V8-350 Cu.In. (L65) | 2-barrel |
| V8-350 Cu.In. (LM1) | 4-barrel |
| V8-400 Cu.In. | 4-barrel |
| V8-454 Cu.In. | 4-barrel, Quadrajets |
| SAE Flange Size | |
| V8-350 Cu.In. | 1.50 |
| V8-400 Cu.In. | 1.50 |
| V8-454 Cu.In. | 1.50 |
| Throttle Bore | |
| V8-350 Cu.In. (L65) | 1.69 |
| V8-350 (LM1), 400 & 454 Cu.In. | |
| Primary | 1.38 |
| Secondary | 2.25 |
| Secondary Throttle Actuation | By linkage, approximately when primary valves are opened half way between closed and open |
| Venturi Diameter | |
| V8-350 Cu.In. (L65) | 1.19 |
| V8-350 (LM1), 400 & 454 Cu.In. | |
| Primary | 1.218 |
| Secondary | Air valve |

CHOKE

| | |
|----------------|-----------|
| Type | Automatic |
|----------------|-----------|

EXHAUST SYSTEMS

TYPE

| | |
|--------------------|--|
| V8-350 Cu.In. | Single exhaust and converter with crossover pipes |
| V8-400 Cu.In. | Single exhaust and converter with crossover pipes and resonators |
| V8-454 Cu.In. | Dual exhaust, single converter with crossover and resonators |

MUFFLERS

| | |
|--------------------|--|
| Type | Oval, reverse flow |
| Construction | Heads and body joined by rolled lock seam construction |

Head

| | |
|---------------------|-------------------------------|
| V8-350 Cu.In. | .054 sheet steel, aluminized |
| V8-400 Cu.In. | .054 sheet steel, aluminized |
| V8-454 Cu.In. | .054 sheet steel, aluminized |
| Shell | .042 sheet steel, zinc coated |
| Wrap | .090 indented asbestos sheet |
| Cover | .015 sheet steel, aluminized |
| Length Body | 23.25 |
| Width (I.D.) | 11.00 |
| Height (I.D.) | 4.50 |

EXHAUST CROSSOVER PIPE TO CONVERTER

Dimensions (O.D. & Wall Thickness)

| | |
|--------------------------|-----------------------|
| V8-350 & 400 Cu.In. | 2.00 x .079 laminated |
| V8-454 Cu.In. | 2.25 x .079 laminated |

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimensions (O.D. & wall thickness)

| | |
|--------------------------|-----------------------|
| V8-350 & 400 Cu.In. | 2.50 x .080 laminated |
| V8-454 Cu.In. | 2.25 x .080 laminated |

EXHAUST PIPE - MUFFLER TO RESONATOR

| | |
|----------------------|-------------|
| V8-400 Cu.In. | 2.25 x .085 |
| V8-454 Cu.In. | 2.00 x .054 |
| Station Wagons | 2.00 x .054 |

RESONATORS

| | |
|-------------|------------------------------|
| Type | Straight through |
| Cover | .036 sheet steel, aluminized |
| Heads | .046 stainless steel |

TAIL PIPES

Dimensions (O.D. & Wall Thickness)

| | |
|----------------------------|-------------|
| V8-350 Cu.In. | 2.00 x .056 |
| V8-400 Cu.In. | 2.25 x .054 |
| V8-454 Cu.In. | |
| Except Station Wagon | 2.00 x .042 |
| Station Wagons | 2.25 x .056 |

SYSTEM APPLICATION

| System Type | Engine Adaptation | | | |
|---------------------------------------|-------------------|-----|--------|--------|
| | V8-350 | | V8-400 | V8-454 |
| | L6S | LM1 | LT4 | LS4 |
| PCV - Positive Crankcase Ventilation | * | ** | *** | * |
| EGR - Exhaust Gas Recirculation | * | ** | *** | * |
| CHA - Carburetor Hot Air | * | ** | *** | * |
| CAI - Converter Air Injection | * | ** | *** | * |
| FEC - Fuel Evaporation Control System | * | ** | *** | * |
| OCS - Controlled Combustion System | * | | | |
| UFC - Underfloor Converter | * | ** | *** | * |
| EFE - Early Fuel Evaporation | * | ** | *** | * |
| MAI - Manifold Air Injection | | | | * |

- *-Not available in California.
- **-Available in California only.
- ***-Available - all states.

BASIC FUNCTION OF SYSTEMS

POSITIVE CRANKCASE VENTILATION

Withdraws oil and gas vapors from the various cavities throughout the engine for burning in all combustion cycle.

EXHAUST GAS RECIRCULATION

Meters exhaust gas into induction system for recirculation through the combustion cycle to reduce oxides of nitrogen emissions.

CARBURETOR HOT AIR

Meters and mixes heated air with incoming cold air to optimize fuel vaporization.

CONVERTER AIR INJECTION

Compresses, regulates and distributes quantities of air to the exhaust pipe in front of the converter to more completely burn carbon monoxide and hydrocarbon emissions.

MANIFOLD AIR INJECTION

Compresses, regulates and distributes quantities of air to the manifold to more completely burn carbon monoxide and hydrocarbon emissions.

FUEL EVAPORATION CONTROL SYSTEM

Controls emission of gasoline vapor to the atmosphere by means of an integral separator with the fuel tank that separates vapor from liquid fuel - a filler cap that doesn't permit venting into the atmosphere - a canister for storage of vapors - lines, hoses and valves to control and transport vapors from fuel tank to storage, and finally, to the carburetor for utilization in running the engine.

CONTROLLED COMBUSTION SYSTEM

Increases combustion efficiency through leaner carburetor mixtures and revised distributor calibration. Special thermostatically controlled damper, in the air cleaner snorkel maintains warm air intake to carburetor.

UNDERFLOOR CONVERTER

The flow of exhaust gases down through the catalyst, within the converter, effectively controls the hydrocarbon and carbon monoxide to a more desirable emission.

EARLY FUEL EVAPORATION

System is designed to produce a very short engine warm-up cycle to improve vehicle driveability and reduce exhaust emission.

LUBRICATION SYSTEM

GENERAL

Type Controlled full pressure
Main Bearings Pressure
Piston Pins Splash
Cylinder Walls Pressure, jet cross sprayed
Camshaft Bearings Pressure
Valve Lifters Pressure
Rocker Arms Pressure
Timing Gears Centrifugally oiled from front
camshaft bearing

Oil Pressure Sending Unit

Type Electric
Actuation Opens or closes circuit @ 2 to 6 PSI

Oil Filler

Cap Positive seal
Location
V8-350 & 400 Rearward of left rocker cover
V8-454 Top center of right rocker cover

OIL PAN CAPACITIES (Quarts)

Refill 4
Refill with Filter Change 4.5

LUBRICANT GRADES AND TEMPERATURES

20° F and Above 10W-30, 10W-40, 20W-20,
20W-40, 20W-50
0° F to 60° F 10W, 5W-30, 10W-30, 10W-40
Below 20° F 5W-20, 5W-30

OIL PUMP

Type Gear
Regulator Valve Opens between 40-45 lbs
Oil Pressure
V8-350 & 400 Cu.In. 32-40 PSI @ 2000 RPM
V8-454 Cu.In. 42-46 PSI @ 2000 RPM
Intake Type Fixed pickup with screen
Capacity (GPM @ Engine RPM) (Theoretical)
V8-350 & 400 Cu.In. 4.3 @ 2000
V8-454 Cu.In. 6.0 @ 2000

OIL FILTER

Type Full flow, throwaway canister
Location Left rear side of engine
Capacity (pints) One
Bypass Valve Opens between 9 to 11 PSI

OIL PAN DRAIN PLUG

Type Hex head
Location Left lower face of oil pan sump
Size of Hex Head860-.875
Thread 1/2-20 UNF 2A
Length 0.81
Diameter410-.430

OIL DIP STICK - LOCATION

V8-350 & 400 Left side, rear of engine block
V8-454 Right side, center direct to oil pan

COOLING SYSTEM

GENERAL

| | |
|----------------------|--|
| Type . . . | Pressure-vented thru coolant recovery system |
| Capacity with Heater | |
| V8-350 & 400 Cu.In. | 18 Qts. |
| V8-454 Cu.In. | 23 Qts. |

RADIATOR

| | |
|-------------------------|---------------------------|
| Make and Type | Harrison, tube and center |
| Core Constant | |
| Distance between Fins | |
| V8-350 Cu.In. | .18 |
| V8-400 Cu.In. | .18 |
| V8-454 Cu.In. | .16 |
| Distance between Tubes | .55 |
| Thickness of core | |
| V8-350 & 400 Cu.In. | 1.24 |
| V8-454 Cu.In. | 1.24 |
| Frontal Area (Sq.In.) | |
| V8-350 & 400 Cu.In. | 480 |
| V8-454 Cu.In. | 480 |
| Overflow | Separate coolant bottle |

RADIATOR, HEAVY DUTY (RPO V01)

| | |
|------------------------|-------------------------|
| Core Constant | |
| Distance between Fins | |
| V8-350 Cu.In. | .16 |
| V8-400 Cu.In. | .16 |
| V8-454 Cu.In. | .18 |
| Distance between Tubes | .55 |
| Thickness of core | |
| V8-350 Cu.In. | 1.96 |
| V8-400 Cu.In. | 1.96 |
| V8-454 Cu.In. | 2.68 |
| Frontal Area (Sq.In.) | |
| V8-350 Cu.In. | 480 |
| V8-400 Cu.In. | 480 |
| V8-454 Cu.In. | 480 |
| Overflow | Separate coolant bottle |

RADIATOR CAP RELIEF VALVE

Opens at Approximately 15 PSI

THERMOSTAT

| | |
|--|-------------|
| Type | Pellet |
| Begins to Open at | 192° - 198° |
| Fully Opened at | 217° |
| Thermostat By-Pass Hose (V8-454) | .745 I.D. |

RADIATOR HOSE

| | |
|--|-----------|
| Outlet, Lower (Radiator to Water Pump) | 1.75 I.D. |
| Inlet, Upper (Thermostat Hsg. to Radiator) | 1.50 I.D. |

FAN

| | |
|--------------------------------------|-------|
| Number of Blades | |
| All engines except V8-454 Cu.In. | 4 |
| V8-454 Cu.In. | 7 |
| Diameter | |
| All V-8 engine, except V8-454 Cu.In. | 19.00 |
| V8-454 Cu.In. (Thermo-modulated) | 19.50 |
| Fan Pulley Hitch Diameter | |
| V8-350 & 400 Cu.In. | 7.00 |
| V8-454 Cu.In. | 6.06 |

BELTS, CRANKSHAFT, FAN AND GENERATOR

| | |
|--|---------|
| Number Used | One |
| Angle of "V" | 34°-38° |
| Pitch Line | |
| V8-350 & 400 Cu.In. | |
| Used in all States exc. California | 44.50 |
| V8-350 & 400 Cu.In. | |
| Used in California | 47.50 |
| V8-454 Cu.In. | 47.00 |
| Width | .380 |

WATER PUMP

| | |
|----------------------------|--|
| Type | Centrifugal |
| Capacity | |
| V8-350 Cu.In. | 21.6 GPM @ 2000 engine RPM |
| V8-400 Cu.In. | 22.1 GPM @ 2000 engine RPM |
| V8-454 Cu.In. | 24.5 GPM @ 2000 engine RPM |
| Bearing | Permanently lubricated double row ball |
| Drive | Fan belt |
| Ratio (Pump to Engine RPM) | |
| V8-350 & 400 Cu.In. | .949:1 |
| V8-454 Cu.In. | 1.25:1 |

DRAIN LOCATIONS AND TYPE

| | |
|---------------------|---|
| Engine Block - Plug | |
| V8-350 & 400 Cu.In. | Right and left center |
| V8-454 Cu.In. | Left side - rear of block Right side - center of block |
| Radiator - Petcock | |
| All types | Lower left rear face |

ABBREVIATIONS AND SYMBOLS

ABBREVIATIONS

A

AC Spark Plug Division AC
 After Bottom Center ABC
 After Top Center ATC

B

Barrel bbl
 Before Bottom Center BBC
 Before Top Center BTC
 Brake Horsepower BHP

C

Candle Power CP
 Carburetor Hot Air CHA
 Controlled Combustion System CCS
 Cubic Foot Cu.Ft.
 Cubic Inches Cu.In.
 Converter Air Injection CAI

D

Daylight Opening DLO

E

Electronic Fuel Injection EFI
 Exhaust Gas Recirculation EGR
 Early Fuel Evaporation EFE

F

Fuel Evaporation Control System FEC

G

Gallons Per Minute GPM

H

Heavy Duty HD
 Horsepower HP
 High Energy Ignition System HEI

I

Inside Diameter ID

M

Miles Per Hour MPH
 Manifold Air Injection MAI

O

Outside Diameter OD

P

Ply Rating PR
 Positive Crankcase Ventilation PCV
 Pounds Per Square Inch psi

R

Regular Production Option RPO
 Revolutions Per Mile rev/mi
 Revolutions Per Minute rpm

S

Society of Automotive Engineers SAE
 Society of Fuse Engineers SFE

T

Turbo Hydra-matic THM

U

Underfloor Converter System UFC

SYMBOLS

And &
 At @
 By, Times x
 Center Line C/L
 Degrees °
 Inches or Seconds "
 Minutes '
 Per /
 Plus +
 To (Range) -
 To (Ratio) :

ORGANIZATION OF BOOK

The pattern followed in presenting information is that of the GM Uniform Parts Classification major groupings. The title page for each section lists the subjects in the order in which they appear in that section. The title for each section, such as CHASSIS, is printed at the bottom of each page beside the page number.

Tabs are provided for conveniently locating basic sections such as BODY, CHASSIS, and POWER TRAINS.

VEHICLES AND EQUIPMENT SPECIFIED

Specifications are those of all Chevrolet standard left drive passenger cars designed to be manufactured for the domestic (U.S.A.) open market. Included also are specifications of the RPO (Regular Production Option) units intended for use with these vehicles. All data are for vehicles or equipment built on COPO's (Central Office Production Orders) or any other special orders. Accessories released through the Parts and Accessories Department are listed although specifications are not included.

Information throughout the book is based on design data in effect at date of compilation and are subject to change without notice.

ABBREVIATIONS

Data are presented in a condensed tabular form which necessitates the use of abbreviations or symbols in some cases. See page IV.

LOCATION OR POSITION OF PARTS

Reference to the location or position of any engine part or vehicle unit is made from the driver seat position. Exceptions are clearly labelled or explained in the text of the specifications.

DIMENSIONS

Dimensions shown are of three types:

Type No. 1. Those dimensions where very accurate fits are essential in the parts concerned, such as bearing surfaces and splines, and where dimensions usually are expressed on drawings in decimals with very close limits.

Type No. 2. Those dimensions where accuracy of fit is of less importance, as in structural members such as frame parts, I-beam axles, or in fuel tanks; also, dimensions for the purpose of identification, such as cylinder bore, or diameter of the wheel cylinder piston, where dimensions are expressed in fractions or integers with fractions and to which fairly large tolerances (1/64, 1/16) are applied.

Type No. 3. Those dimensions, such as wheelbases, ground clearances, body size dimensions, and turning diameters, which are subject to large manufacturing variations.

In this book, the dimensions of type No. 1 are quoted with limits exactly as on the drawings while the dimensions of type No. 2 and No. 3 are quoted without manufacturing tolerances.

Unless specified otherwise all dimensions are in inches.

REVISIONS

Specification changes and the dates on which they occur are indicated on revised pages. A dot symbol is placed close to the revised specification. The revision date appears at the bottom of the page. Subsequent revisions on a revised page are indicated in the same manner. To emphasize and clarify the later changes, symbols pertaining to previous revisions are removed.

ADDRESS INQUIRIES TO:

ENGINEERING PRODUCT
INFORMATION DEPARTMENT
CHEVROLET MOTOR DIVISION
Room A-227, Chevrolet
Engineering Center
30003 Van Dyke
Warren, Michigan 48090

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating and Watts
 V8-350 & 400 Cu.In. 12-2900
 V8-454 & Heavy Duty 12-4000

Number of Cells and Plates
 V8-350 & 400 Cu.In. 6-66
 V8-454 & Heavy Duty 6-78

Cold Cranking Rating
 V8-350 & 400 Cu.In. 0° @ 350 amps;
 -20° @ 270 amps
 @ 100 minute reserve capacity
 V8-454 & Heavy Duty 0° @ 445 amps;
 -20° @ 375 amps
 @ 125 minute reserve capacity

Terminal Grounded Negative
Location Right side front of engine compartment

ALTERNATOR

Type Diode rectified

Rating
 Amps 37
 Volts 12

Drive By fan belt

Pulley pitch diameter 2.43

Ratio (Gen. to Engine Speed) 2.73:1

REGULATOR

**Type Micro circuit unit;
 integral with alternator**

Voltage 13.8-14.8 @ 85°F

IGNITION SYSTEM

TYPE High Energy Ignition (H.E.I.)

DISTRIBUTORS Refer to chart below

**CABLE Linen core impregnated
 with electrical conducting material and
 insulation of rubber with neoprene jacket**

COIL

Type 12-Volt

Amperes Drawn
 Engine stopped 4.0
 Engine Idling 1.8

SPARK PLUGS

Type ACR44TX

Thread Size (mm) 14

Gap060

Torque 25 lb. ft.

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View) Clockwise

Test Conditions Engine at operating temp.

No Load Test
 Amps 70-99
 Volts 10.6
 RPM 7800-12000

Motor Drive
 Engagement Solenoid
 Pinion Meshes at Rear
 Pinion Tooth No. 9
 Flywheel Tooth No.
 V8-350 & 400 Cu.In. 153
 V8-454 Cu.In. 168

| DISTRIBUTORS | V8-350 C.I. L65 | V8-350 C.I. LM1 | V8-400 C.I. | V8-454 C.I. |
|---|----------------------|--------------------|--------------|---------------|
| Model | 1112880 | | 17#2882 | 1112886 |
| Type | High Energy Ignition | | | |
| Centrifugal advance begins @ RPM | 0° @ 1200 | | 0° @ 1000 | 0° @ 1100 |
| Maximum degrees @ RPM | 22° @ 4200 | | 15° @ 2800 | 18° @ 4200 |
| Vacuum advance begins @ In. Hg. | 0° @ 4 | | 0° @ 8 | 0° @ 4 |
| Maximum degrees @ In. Hg. | 18° @ 12 | | 15° @ 15 | 18° @ 7 |
| Timing (initial design setting) Crankshaft degrees @ RPM with vacuum lines disconnected | 6° BTC @ 600 | | 8° BTC @ 600 | 16° BTC @ 600 |
| Timing mark location | Torsional damper | | | |

TRANSMISSIONS

TURBO HYDRA-MATIC

| Engine | Displacement | V8-350 (L65 & LM1) | V8-400 & 454 | |
|-----------------------|---|---|---|--------------------------|
| | Type | Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse | | |
| General Data | Selector lever | Location | Steering column | |
| | | Operation | Actuates controls by a hydraulic system from pressurized gear type pump | |
| | | Quadrant pattern | P-R-N-D-L2-L1 | |
| | Parking Lock | Type | Locking pawl | |
| | | Operation | Applied by selector lever through manual linkage | |
| | Method of cooling | Water | | |
| | Flywheel assembly | Steel stamping with welded on ring gear | | |
| | Oil pressure pump | Supplies hydraulic pressure from an engine driven gear type pump | | |
| Hydraulic System | Type | Steel spool valve | | |
| | Valves | Manual | Establishes range of transmission operation | |
| | | Pressure regulator | Provides main line pressure | |
| | | Shift (1-2) | Controls oil pressure for transmission shift from 1-2 or 2-1 | |
| | | Shift (2-3) | Controls oil pressure for transmission shift from 2-3 or 3-2 | |
| | Modulator | Regulates line pressure with modulator oil pressure which varies with torque to transmission | | |
| | Accumulator | Provides greater flexibility in attaining desired shift quality for various engine requirements | | |
| | Pressure @ Idle (a) | Drive | 60 | 70 |
| | | L2 | 87 | 150 |
| | | L1 | 87 | 150 |
| Reverse | | 91 | 107.5 | |
| Converter Assembly | Pump (Drive member) | Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing | | |
| | Turbine (Driven member) | Steel axial flow blades assembled between inner & outer steel shells | | |
| | Stator assembly | Aluminum multivane type blades mounted on a one way (overrunning) roller clutch | | |
| | Stall ratio | 2.00 | 2.10 | |
| | Stall speed (RPM) | 2110 | | |
| | Diameter (nominal) | 11.75 | 12.20 | |
| Planetary Gear Set | Reaction carrier assembly | 4 steel pinion gears | | |
| | Output carrier assembly | 4 steel pinion gears | | |
| | Front band | | Circular steel with organic lining | |
| | Rear Band | | Double wrap circular steel | |
| | Intermediate band | Circular steel with organic lining | | |
| | Range | D (Drive) | 2.52:1 - 1.52:1 - 1.00:1 | 2.48:1 - 1.48:1 - 1.00:1 |
| | | L2 (Low two) | 2.52:1 - 1.52:1 | 2.48:1 - 1.48:1 |
| | | L1 (Low one) | 2.52:1 | 2.48:1 |
| R (Reverse) | | 1.93:1 | 2.08:1 | |
| Servo Unit | Piston with release spring and inner cushion spring | | | |
| Case | Material | Aluminum | | |
| Clutches | Type | Four, multiple disk | Three, multiple disk | |
| | Material | Drive plates | Steel with bonded organic facings | |
| | | Driven plates | Flat steel | |
| | Forward clutch | 5 each drive & driven plates | 5 each drive & driven plates | |
| | Direct clutch | 4 each drive & driven plates | 5 each drive & driven plates | |
| | Intermediate clutch | 3 each drive & driven plates | 3 each drive & driven plates | |
| | Low & Reverse clutch | 5 each drive & driven plates | | |
| | Release spring | Radial row steel coil | | |
| Torque Multiplication | Drive (maximum) | 5.04:1 to 1.00 | 5.21:1 to 1.00 | |
| | Low 2 | 5.04:1 to 1.52 | 5.21:1 to 1.48 | |
| | Low 1 | 5.04:1 to 2.52 | 5.21:1 to 2.48 | |
| | Reverse | 3.86:1 to 1.93 | 4.37:1 to 2.08 | |
| Governor | Type | Cross-axis centrifugal | | |
| | Operation | Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves | | |
| Lubricant | Type | A suffix A | | |
| | Capacity (pints) | Dry | 20 | 22 |
| | | Refill | 8 | 9 |

(a) 600 RPM input V8-350; 650 RPM input V8-400 and 454.

1975 MVMA Specifications Form Passenger Car

| | | |
|---|---------------------------|----------------------------|
| Manufacturer Chevrolet Motor Division General Motors Corporation | Car Line CHEVROLET | |
| Mailing Address Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090 | Model Year 1975 | Issued: September, 1974 |
| | | Revised (•) |

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown above. This specification form was developed by automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association.

MVMA Specifications Form

Passenger Car

Table Of Contents

| | |
|---------|-----------------------------------|
| 1 | Car Models |
| 2, 3, 4 | Car and Body Dimensions |
| 5 | Power Teams |
| 6 - 10 | Engine |
| 10 | Exhaust System |
| 11 | Fuel System |
| 12 | Cooling System |
| 13, 14 | Vehicle Emission Control |
| 15 - 17 | Electrical |
| 18 - 20 | Drive Units |
| 21 | Tires and Wheels |
| 21, 22 | Brakes |
| 23 | Steering |
| 24 | Suspension — Front and Rear |
| 25 | Frame |
| 25 | Body — Miscellaneous Information |
| 26 | Convenience Equipment |
| 26 | Lamp Height and Spacing |
| 27 | Vehicle Weights |
| 28 | Optional Equipment Weights |
| 29 | Fiducial Marks |
| 30 - 33 | Car and Body Dimension Key Sheets |
| 34 | Index |

NOTES

- 1 The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
- 2 UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All dimensions are in inches.

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Car Models

| Model Description | Make, Car line, Series, Body Type (Mfr's Model Code) | Max. Number of Passengers (Front/Rear) | |
|---|---|---|------------------|
| <u>BEL AIR</u> | | | |
| 4 - door sedan | Model Number 1BK69 | <u>Front</u> 3 | <u>Rear</u> 3 |
| <u>IMPALA</u> | | | |
| 4 - door Sport Sedan | 1BL39 | 3 | 3 |
| 2 - door Custom Coupe | 1BL47 | 3 | 3 |
| 2 - door Sport Coupe | 1BL57 | 3 | 3 |
| 4 - door Sedan | 1BL69 | 3 | 3 |
| <u>CAPRICE CLASSIC</u> | | | |
| 4 - door Sport Sedan | 1BN39 | 3 | 3 |
| 2 - door Custom Coupe | 1BN47 | 3 | 3 |
| 2 - door Convertible | 1BN67 | 3 | 3 |
| 4 - door Sedan | 1BN69 | 3 | 3 |
| <u>STATION WAGONS</u> | | | |
| Bel Air, 4 door, 2 seat | 1BK35 | | |
| Bel Air, 4 door, 3 seat | 1BK45 | | |
| Impala, 4 door, 2 seat | 1BL35 | | |
| Impala, 4 door, 3 seat | 1BL45 | | |
| Caprice Estate, 4 door, 2 seat | 1BN35 | | |
| Caprice Estate, 4 door, 3 seat | 1BN45 | | |
| NOTE: ANY SPECIFICATIONS ON THE FOLLOWING PAGES THAT ARE SPECIFIC TO CALIFORNIA REQUIREMENTS ARE INDICATED ACCORDINGLY. | | | |

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (●) _____

Car and Body Dimensions See Key Sheets, Pgs. 30-33

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for 4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T., Convertible and Station Wagon

| SAE Ref. No. | Body Type | | | | | |
|--------------|--------------|---------------|--------|-------------------|--------------|---------------|
| | 4-Door Sedan | 2-Door Coupes | | 4-Door Spt. Sedan | Con-vertible | Station Wagon |
| | | Sport | Custom | | | |

Width

| | | | | | | |
|----------------------------|------|-------|-------|-------|-------|-------|
| Tread - Front | W101 | 64.1 | | | | |
| Tread - Rear | W102 | 64.0 | | | | |
| Maximum overall car width | W103 | 79.5 | | | | |
| Body width at No. 2 pillar | W117 | 79.5 | ----- | ----- | 79.5 | 79.5 |
| Max. front doors open | W120 | 145.5 | 166.8 | | 145.5 | 145.5 |
| Max. rear doors open | W121 | 142.4 | ----- | | 142.4 | 148.4 |

Length

| | | | | | | |
|------------------------------------|------|-----------|-------|------|-------|-------|
| Body "O" to front of dash | L 30 | -0.5 | | | | |
| Wheelbase | L101 | 121.5 | | | | |
| Overall car length | L103 | 222.7 (a) | | | | |
| Overhang - front | L104 | 42.3 (a) | | | | |
| Overhang - rear | L105 | 58.9 (a) | | | | |
| Body upper structure length | L123 | 111.3 | 110.9 | 96.2 | 116.6 | 108.5 |
| Body "O" line to C/L of rear wheel | L127 | 100.5 | | | | |
| Body "O" line to w/s cowl point | L130 | 4.5 | | | | |

Height

| | | | | | | |
|---------------------------------------|----------------------|-------|-------|--|------|---------|
| Passenger Distribution (front & rear) | * | 2-3 | | | | |
| Trunk/Cargo load (lbs.) | * | 0 | | | | |
| Overall height | H101 | 54.5 | 53.7 | | 53.9 | 53.7 |
| Cowl height | H114 | 38.6 | | | | |
| Deck height | H138 | | | | | |
| Rocker panel - front | To ground | 8.3 | | | | |
| | From front wheel C/L | --- | | | | |
| Bottom of front door to ground | H133 | 9.7 | 9.6 | | 9.7 | 9.6 |
| Rocker panel - rear | To ground | 7.5 | | | | |
| | From rear wheel C/L | --- | | | | |
| Bottom of rear door to ground | H135 | 9.4 | ----- | | 9.4 | 10.6 ** |
| Windshield slope angle | H122 | 59.0° | | | | |

(b) 3-Seat Wagon 2-3-2

Ground Clearance

| | | | | | | |
|----------------------------------|------|---------|------|--|------|------|
| Bumper to ground - front | H102 | 11.8 | 11.5 | | 11.8 | 11.5 |
| Bumper to ground - rear | H104 | 11.5 | | | | |
| Angle of approach | H106 | 20°17' | | | | |
| Angle of departure | H107 | 14°16' | | | | |
| Ramp breakover angle | H147 | 14°16' | | | | |
| Rear axle differential to ground | H153 | 7.3 | | | | |
| Min. running clearance (Specify) | H156 | 5.7 (c) | | | | |

(c) Catalytic Converter

**3-Seat Wagons - H101-57.4 H107-13°15'

*All measurements are made at the stated passenger and trunk/cargo loadings

(a) With Impact/Strips

Sedans & Coupes - Wagons

| | | |
|-------|-------|-------|
| L-103 | 223.2 | 229.0 |
| L-104 | 42.6 | 42.6 |
| L-105 | 59.1 | 61.4 |

| | |
|-------------|--------------|
| H102-12.5 | H111-8.0 |
| H104-11.2 | H112-8.7 |
| H106-20°18' | H114-38.9 |
| | H133-10.2 |
| | H135-9.8 |
| | H147-13°58' |
| | H153-7.5 |
| | H156-6.2 (a) |

MVMA Specifications Form Passenger Car

Car Line **CHEVROLET**
 Model Year **1975** Issued **9/74** Revised (●)

Car And Body Dimensions See Key Sheets, Pgs. 30-33

| SAE Ref. No. | Body Type | | | | | |
|--------------|--------------|---------------|--------|-------------------|--------------|---------------|
| | 4-Door Sedan | 2-Door Coupes | | 4-Door Spt. Sedan | Con-vertible | Station Wagon |
| | | Sport | Custom | | | |

Front Compartment

| | | | | | | |
|----------------------------------|------|-------|------|------|------|----------------------------|
| H Point to body "O" line | L31 | 42.3 | | | | |
| Effective head room | H61 | 38.9 | 38.1 | 38.4 | 38.9 | 39.6 |
| Effective T Point head room | H75 | 39.1 | 38.3 | 38.6 | 39.1 | 39.8 |
| Max. eff. leg room - accelerator | L34 | 42.5 | | | | |
| H Point to Heel point | H30 | 8.2 | | | | |
| H Point travel | L17 | 5.8 | | | | |
| Shoulder room | W3 | 64.0 | | 63.7 | 64.0 | |
| Hip room | W5 | 59.3 | | | | |
| Upper body opening to ground | H50 | 50.1 | 49.8 | 49.9 | 50.1 | 59.2 50.4 ** |
| Steering Wheel Angle Vertical | H-18 | 20.4° | | | | |
| Back Angle Front | L-40 | 26.5° | | | | |

** For 3-Seat Wagon 50.5

Rear Compartment

| | | | | | | |
|------------------------------|-----|------|------|------|------|---------|
| H Point couple distance | L50 | 36.1 | 33.1 | 36.1 | 33.1 | 36.6(a) |
| Effective head room | H63 | 38.0 | 37.1 | 37.4 | 38.1 | 39.3(b) |
| Effective T Point head room | H76 | 37.9 | 37.4 | 37.1 | 37.4 | 39.2(c) |
| Min. effective leg room | L51 | 38.8 | 35.8 | 38.8 | 35.8 | 39.4(d) |
| Point to Heel point | H31 | 11.2 | 10.8 | 11.2 | 10.8 | 12.0 |
| Min. knee room | L48 | 3.6 | 1.2 | 3.6 | 1.2 | 3.7(e) |
| Rear Compartment room | L3 | 28.9 | 26.5 | 28.9 | 26.5 | 29.5(f) |
| Shoulder room | W4 | 63.8 | 62.4 | 63.1 | 62.4 | 63.1 |
| Hip room | W6 | 59.7 | 56.1 | 59.7 | 56.1 | 58.9 |
| Upper body opening to ground | H51 | 49.1 | ---- | 48.4 | ---- | 50.7(g) |

For 3-seat wagons (a) 34.6 (b) 39.4 (c) 39.3 (d) 37.4 (e) 1.9 (f) 27.5 (g) 49.8

Luggage Compartment

| | | | | | | | |
|---------------------------------------|------|--|------|------|------|------|---|
| Usable luggage capacity (cu. ft.) (+) | V1 | 18.9 | 18.9 | 18.1 | 18.9 | 15.9 | — |
| Liftover height | H195 | 28.2 | | | | | |
| Position of spare tire storage | | Sedans and coupes front center of trunk compartments (*) | | | | | |
| Method of holding lid open | | Torsion rods | | | | | |

(*) Convertible - horizontal right side of luggage compartment.
 Station Wagons - vertical right rear quarter panel.

(+) Corporation "H" (Shoe Box) method of measurement is used.

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Car And Body Dimensions See Key Sheets, Pgs. 30-33

Body Type

| | |
|---------------------|----------------------|
| SAE Ref. No. | STATION WAGON |
|---------------------|----------------------|

Station Wagon — Third Seat

| | | |
|-----------------------------|-----|-------|
| Shoulder Room | W85 | 48.4 |
| Hip room | W86 | 44.4 |
| Effective leg room | L86 | 35.6 |
| Effective head room | H86 | 37.8 |
| Effective T Point head room | H89 | 37.6 |
| Seat facing direction | | Front |

Station Wagon — Cargo Space

| | | |
|---|------|-------|
| Cargo length at floor - front seat | L202 | 100.5 |
| Cargo length at belt - front seat | L204 | 94.6 |
| Cargo width - Wheelhouse | W201 | 48.8 |
| Opening width at belt | W204 | 42.0 |
| Maximum cargo height | H201 | 30.6 |
| Rear opening height | H202 | 29.5 |
| Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$ | V2 | 105.7 |

Hatchback — Cargo Space

| | | |
|---|------|-----------------------|
| Front Seat Back to Load Floor Height | H197 | |
| Cargo Length at Front Seat Back Height | L208 | |
| Cargo Length at Floor - Front Seat | L209 | |
| Cargo volume index (cu. ft.) $\frac{L208 + L209}{2} \times W4 \times H197$ 1728 | V3 | NOT APPLICABLE |

MVMA Specifications Form

Passenger Car

Car Line **CHEVROLET**
 Model Year **1975** Issued **9/74** Revised (●)

Power Teams

(Indicate whether standard or optional)

SAE Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

| SERIES AVAILABILITY | ENGINE | | | | | | TRANSMISSION | AXLE RATIO * (Std. first) (Indicate A/C ratio)** | | | |
|--|-------------------|-------|-----------------|------------------|------------------|--------------------|----------------------|--|------|------|----|
| | Displ. cu. in. | Carb. | Compr. Ratio | SAE Net @ RPM | | Exhaust System* | | A | B | C | D |
| | | | | BHP | Torque | | | | | | |
| COUPES, CONVERTIBLES, SEDANS | | | | | | | | | | | |
| All Models (Standard) (Not available in California) | 350V8 (L65) | 2-bbl | 8.5:1 | 145 @ 3800 | 250 @ 2200 | S 2.50 | 3-Speed Automatic | 3.08 | 2.73 | -- | -- |
| All Models (Optional) (California only) | 350V8 (LM1) | 4-bbl | 8.5:1 | 155 @ 3800 | 250 @ 2400 | S 2.50 | 3-Speed Automatic | 3.08 | 2.73 | -- | -- |
| All Models (Optional) (All States) | 400V8 (LT4) | 4-bbl | 8.5:1 | 175 @ 3600 | 305 @ 2000 | S 2.50 | 3-Speed Automatic | 2.73 | 2.56 | -- | -- |
| All Series/Models (Not available in California) | 454V8 (LS4) | 4-bbl | 8.15:1 | 215 @ 4000 | 350 @ 2400 | D 2.25 | 3-Speed Automatic | 2.73 | -- | 3.08 | -- |
| STATION WAGONS | | | | | | | | | | | |
| All Series/Models (Standard) (All States) | 400V8 (LT4) | 4-bbl | 8.5:1 | 175 @ 3600 | 305 @ 2000 | S 2.50 | 3-Speed Automatic | 3.08 | 2.73 | -- | -- |
| All Series/Models (Optional) (Not available in California) | 454V8 (LS4) | 4-bbl | 8.15:1 | 215 @ 4000 | 350 @ 2400 | D 2.25 | 3-Speed Automatic | 2.73 | -- | 3.08 | -- |
| * - Positraction available optionally for all ratios ** - Same ratios available with Air Conditioning A - Base B - Highway option C - High altitude option | | | | | | | | | | | |

*S - Single D - Dual

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (e) _____

Engine Displacement

| | | | |
|-------------|-----|-------------|-------------|
| V8-350 C.I. | | V8-400 C.I. | V8-454 C.I. |
| L65 | LM1 | LT4 | LS4 |

Engine — General

| | | | |
|--|-----------------|--------------|--------------|
| Type, no. cyls., valve arr. | 90° V-8 OHV | | |
| Bore and stroke (nominal) | 4.00 x 3.48 | 4.125 x 3.75 | 4.251 x 4.00 |
| Piston displacement, cu. in. | 350 | 400 | 454 |
| Bore spacing (C/L to C/L) | 4.40 | | 4.84 |
| No. system (front to rear) | L. Bank | 1-3-5-7 | |
| | R. Bank | 2-4-6-8 | |
| Firing Order | 1-8-4-3-6-5-7-2 | | |
| Cylinder Head Material | Cast iron alloy | | |
| Cylinder Block Material | Cast iron alloy | | |
| Cyl. Sleeve-Wet, dry, none | None | | |
| Number of mtg. points | Front | Two | |
| | Rear | One | |
| Engine installation angle | 4°46' | | |
| Taxable horsepower | 51.2 | 54.5 | 57.8 |
| Recommended fuel regular — premium | Unleaded | | |
| Cylinder Head Volume (cc) | 75.47 | 75.47 | 118.53 |
| Head Gasket Thickness (Compressed) | .021 | .039 | .028 |
| Head Gasket Volume (cc) | 4.58 | 4.58 | 7.01 |
| Deck Clearance (minimum) (above or below block) | .025 (below) | .025 (below) | .028 (below) |
| Minimum Combustion Chamber Volume (cc) | 74.47 | 74.47 | 117.06 |

Engine — Pistons

| | | | |
|--------------------------|---------------------------|---------------|----------------------------|
| Material | Cast aluminum alloy | | |
| Description and finish | Slump head; Slipper Skirt | | Flat Head; Valve Cutout |
| Weight (piston only) oz. | 21.33 | 22.88 | 25.94 |
| Clearance (limits) | Top land | .0235 - .0325 | .0270 - .0330 |
| | Skirt | Top | .0007 - .0017 (a) |
| | | Bottom | .0014 - .0024 (a) |
| Ring groove diameter | No. 1 ring | 3.541 - 3.556 | .2350 - .2410 |
| | No. 2 ring | 3.541 - 3.556 | .2350 - .2410 |
| | No. 3 ring | 3.577 - 3.592 | .2185 - .2245 |

(a) Measured 1.56 from top of piston

(b) Measured 1.65 from top of piston

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

| Engine Displacement | | |
|---------------------|-----|--------------------|
| V8-350 C.I. L65 | LM1 | V8-400 C.I. LT4 |
| | | V8-454 C.I. LS4 |

Engine - Piston Rings

| | | | | |
|--------------------------|---------------------------------------|--|---|---------------|
| Function (top to bottom) | No. 1, oil or comp. | Compression | | |
| | No. 2, oil or comp. | Compression | | |
| | No. 3, oil or comp. | Oil | | |
| Compression | Description - material, coating, etc. | Upper | Cast alloy iron, barrel face (a) | |
| | | Lower | Cast alloy iron, inside bevel, tapered face (b) | |
| | Width | (c) | .0770 - .0780 | .0770 - .0775 |
| | Gap | (d) | .010 - .020 | .010 - .020 |
| Oil | Description - material, coating, etc. | Multi-piece (2 rails and 1 spacer expander) Rails - steel, chrome plated OD; expander - stainless steel | | |
| | Width (Assembled) | .1850 - .1870 | .1850 - .1870 | .1832 - .1852 |
| | Gap | .015 - .055 | .010 - .035 | .010 - .025 |
| Expanders | In oil ring assembly | | | |

Engine - Piston Pins

| | | | |
|-------------------------------------|--|------------------|-----------------|
| Material | Chromium steel | | |
| Length | 2.990 - 3.010 | | 2.930 - 2.950 |
| Diameter | .9270 - .9273 | | .9895 - .9898 |
| Type | Locked in rod, in piston, floating, etc. | Locked in Rod | |
| | Bushing | In rod or piston | None |
| | | Material | --- |
| Clearance | In piston | .00025 - .00035 | .00030 - .00040 |
| | In rod | --- | |
| Direction & amount offset in piston | Major thrust side .060 | | |

Engine - Connecting Rods

| | | | |
|---------------------------|--------------------|------------------|---------------|
| Material | Drop forged steel | | |
| Weight (oz.) | 13.70 | 21.44 | 25.42 |
| Length (center to center) | 5.695 - 5.705 | 5.560 - 5.570 | 6.130 - 6.140 |
| Bearing | Material & Type | Premium aluminum | |
| | Overall length | .797 | .847 |
| | Clearance (limits) | .0013-.0025 | .0009-.0025 |
| | End Play | .006-.016 | .008-.014 |

- (a) Chrome plated on V8-350; wear resistant coating and molybdenum inlay on V8-400 and V8-454 also graphite impregnated on V8-454
 (b) Wear resistant coating and chrome plating on V8-400 and V8-454
 (c) Upper .0775 - .0780; lower .0770 - .0775
 (d) Upper .010 - .020; lower .013 - .025

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

| | | | | |
|--------------------|--|--------------------|--------------------|--------------------|
| V8-350 C.I. L65 | | V8-400 C.I. LM1 | V8-454 C.I. LT4 | V8-454 C.I. LS4 |
|--------------------|--|--------------------|--------------------|--------------------|

Engine—Crankshaft

| | | | | | |
|-----------------------------------|---|--|----------------|----------------|----------------|
| Material | | Cast nodular iron | | | |
| Vibration damper type | | Rubber mounted inertia | | | |
| End thrust taken by bearing (No.) | | 5 | | | |
| Crankshaft end play | | .002 - .007 | | .006 - .010 | |
| Main bearing | Material & type | Steel backed insert with copper lead alloy or premium aluminum lining selected for specific application. | | | |
| | Clearance | (a) | | (b) | |
| | Journal dia. and bearing overall length | No. 1 | 2.4502 x .752 | 2.6503 x .752 | 2.7499 x .992 |
| | | No. 2 | 2.4502 x .752 | 2.6503 x .752 | 2.7504 x .992 |
| | | No. 3 | 2.4502 x .752 | 2.6503 x .752 | 2.7504 x .992 |
| | | No. 4 | 2.4502 x .752 | 2.6503 x .752 | 2.7504 x .992 |
| | | No. 5 | 2.4508 x 1.180 | 2.6509 x 1.181 | 2.7505 x 1.256 |
| | | No. 6 | None | | |
| No. 7 | None | | | | |
| Dir. & amt. cyl. offset | None | | | | |
| No. bolts/main brg. cap | 10 bolts/5 bearing caps | | | | |
| Crankpin journal diameter | | 2.099 - 2.100 | | 2.199 - 2.200 | |

Engine—Camshaft

| | | | | |
|--------------------------------------|------------------------------------|-------------------------------|------|------|
| Location | | In block above crankshaft | | |
| Material | | Cast iron alloy | | |
| Bearings | Material | Steel backed babbitt | | |
| | Number | 5 | | |
| Gear or chain | | Chain | | |
| Crankshaft gear or sprocket material | | Steel sprocket | | |
| Type of Drive | Camshaft gear or sprocket material | Nylon teeth with aluminum hub | | |
| | Timing chain | No. of links | 46 | 50 |
| | | Width | .625 | .750 |
| | | Pitch | .500 | .500 |

(a) No. 1 - .0008 - .0020
 No. 2, 3 & 4 - .0011 - .0023
 No. 5 - .0017 - .0033

(b) No. 1 - .0007 - .0019
 No. 2, 3 & 4 - .0013 - .0025
 No. 5 - .0019 - .0035

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

| Engine Displacement | | |
|---------------------|-----|--------------------|
| V8-350 C.I. L65 | LM1 | V8-400 C.I. LT4 |
| | | V8-454 C.I. LS4 |

Engine—Valve System

| | | | |
|--|------------------------------|-----------------------------------|---|
| Hydraulic lifters (Std., opt., NA) | | Standard | |
| Valve rotator, type (intake, exhaust) | | Exhaust | |
| Push rods (dia., length, material) | | 7.724 x .3125 Steel welded tubing | See below * |
| Rocker ratio | | 1.50:1 | 1.70:1 |
| Operating tappet clearance (indicate hot or cold) | Intake | Zero | *Inlet 8.215 x .3125 Exhaust 9.185x.3125 |
| | Exhaust | Zero | Welded steel tubing with hardened steel insert |
| Timing (based on top of ramp points) | Intake | Opens (*BTC) | 28° |
| | | Closes (*ABC) | 72° |
| | | Duration (deg.) | 280° |
| | Exhaust | Opens (*BBC) | 78° |
| | | Closes (*ATC) | 30° |
| | | Duration (deg.) | 288° |
| Valve open overlap (deg.) | | 58° | 118° |
| Intake | Material | | Alloy steel, aluminized face on V8-400 & 454 (a) |
| | Overall length | | 4.870 - 4.889 |
| | Actual overall head dia. | | 1.935 - 1.945 |
| | Angle of seat & face (deg.) | | 46° seat, 45° face |
| | Seat insert material | | None |
| | Stem diameter | | .3410 - .3417 |
| | Stem to guide clearance | | .0010 - .0027 |
| | Lift (@ zero lash) | | .3900 |
| | Outer spring press. & length | Valve closed (lb. @ in.) | 76 - 84 @1.70 |
| | | Valve open (lb. @ in.) | 194 - 206 @1.25 |
| | Inner spring press. & length | Valve closed (lb. @ in.) | Spring damper |
| | | Valve open (lb. @ in.) | Spring damper |
| | Exhaust | Material | |
| Overall length | | 4.910 - 4.930 | |
| Actual overall head dia. | | 1.495 - 1.505 | |
| Angle of seat & face (deg.) | | 46° seat, 45° face | |
| Seat insert material | | None | |
| Stem diameter | | .3410 - .3417 | |
| Stem to guide clearance | | .0010 - .0027 | |
| Lift (@ zero lash) | | .4100 | |
| Outer spring press. & length | | Valve closed (lb. @ in.) | 76 - 84 @1.61 |
| | | Valve open (lb. @ in.) | 194 - 206 @1.16 |
| Inner spring press. & length | | Valve closed (lb. @ in.) | Spring damper |
| | | Valve open (lb. @ in.) | Spring damper |

(a) Head also aluminized on V8-454.

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

| Engine Displacement | | |
|---------------------|-----|--------------------|
| V8-350 C.I. L65 | LM1 | V8-400 C.I. LT4 |
| | | V8-454 C.I. LS4 |

Engine — Lubrication System

| | | |
|---|--|---|
| Type of lubrication (splash, pressure, nozzle) | Main bearings | Pressure |
| | Connecting rods | Pressure |
| | Piston pins | Splash |
| | Camshaft bearings | Pressure |
| | Tappets | Pressure |
| | Timing gear or chain | Centrifugally oiled from camshaft bearing |
| | Cylinder walls | Pressure jet cross sprayed |
| Oil pump type | Gear | |
| Normal oil pressure (lb. @ engine rpm) | 32 - 40 @2000 RPM | 42-46 @2000 RPM |
| Oil press. sending unit (elect. or mech.) | Electric | |
| Type oil intake (floating, stationary) | Stationary | |
| Oil filter system (full flow, part., other) | Full flow | |
| Filter replacement (element, complete) | Complete | |
| Capacity of c/case, less filter-refill (qt.) | 4 | |
| Oil grade recommended (SAE viscosity and temperature range) | 20° F and above - 20W-20, 10W-30, 10W-40, 20W-40, 20W-50 0° to 60° F - 10W, 5W-30, 10W-40, 10W-30 Below 20° F - 5W-20, 5W-30 | |
| Engine service reqmt. (SD, SE, etc.) | SE | |

Engine — Exhaust system

| Type (single, single with cross-over, dual, other) | Single exhaust & converter with crossover | | Dual exhaust single converter with crossover |
|--|---|----------------------------------|--|
| | One; reverse flow | One; reverse flow with resonator | Two; reverse flow & two resonators |
| Muffler No. & type (reverse flow, straight thru, separate resonator) | | | |
| Exhaust pipe dia. (O.D., wall thick.) | Branch (a) | 2.00 x .079 (b) | 2.25 x .079 (b) |
| | Main (c) (d) | 2.50 x .080 (b) | 2.25 x .080 (b) |
| Tail pipe dia (O.D. & wall thickness) | 2.00 x .056 | 2.25 x .054 | 2.00 x .042 (e) |

- (a) Crossover to converter
- (b) Laminated
- (c) Converter to muffler/s
- (d) Muffler to resonator V8-400 - 2.25 x .085; V8-454 - 2.00 x .062, Sta. Wag. .054
- (e) Station Wagons 2.25 x .056

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

| | | | |
|--------------------|--------------------|--------------------|--------------------|
| V8-350 C.I. L65 | V8-400 C.I. LM1 | V8-400 C.I. LT4 | V8-454 C.I. LS4 |
|--------------------|--------------------|--------------------|--------------------|

Engine — Fuel System

(See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

| | | | |
|---|---|--|---|
| Induction type: Carburetor, fuel injection, supercharger. | | Carburetor | |
| Fuel Tank | Refill capacity (U. S. gals.) | Approximately 26; Station Wagon 22 | |
| | Filler location | Behind hinged rear license plate (a) | |
| Fuel Pump | Type (elec. or mech.) | Mechanical | |
| | Locations | Lower right front of engine | |
| | Pressure range | 7.50 - 9.00 (b) | |
| Vacuum booster (std., optional, none) | | None | |
| Fuel Filter | Type | Fine mesh plastic strainer in gas tank and | |
| | Locations | paper filter element in carburetor inlet | |
| Carburetor | Choke type | Automatic | |
| | Intake manifold heat control (exhaust or water) | Exhaust | |
| | Air cleaner type | Standard | Thermostatically controlled; oil wetted paper element |
| | | Optional | |
| | Idle speed (spec. neutral or drive) | Manual | Not available |
| | Automatic | 600 (drive) | 650 (drive) |
| | Idle A/F mix. | Not specified | |

Carburetor Supplementary Information

| Model Usage | Engine Displ. | Transmission | Carburetors | | No. Used and Type | Barrel Size |
|--|---------------|--------------|-------------|----------------------|-------------------|----------------------|
| | | | Make | Model | | |
| Refer to Power Team Line-up (Page 5) for model application | 350 L65 | Automatic | Rochester | 7045114 | One; 2-bbl | 1.69 |
| | 350 LM1 | Automatic | Rochester | (7045504) | One; 4-bbl | 1.38 Pri 2.25 Sec |
| | 400 LT1 | Automatic | Rochester | 7045228 (7045224) | One; 4-bbl | 1.38 Pri 2.25 Sec |
| | 454 LS4 | Automatic | Rochester | 7045200 | One; 4-bbl | 1.38 Pri 2.25 Sec |

NOTE: Data bracketed () pertains to engine application specifically to California.

- (a) Left quarter panel on Station Wagons
- (b) 1800 RPM at pump outlet

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

| Engine Displacement | | | | |
|--------------------------|--|--------------------------------------|-----------------|--------------------|
| V8-350 C.I. L65 LM1 | | V8-400 C.I. LT4 Except California | California only | V8-454 C.I. LS4 |

Engine — Cooling System

| | | | | | | | | | | | |
|--|------------------------------|--|-------------|-------|-----------|-------------|-------|---|---|---|---|
| Type system (pressure, pressure vented, atmospheric, other) | | Pressure - vented thru coolant recovery system | | | | | | | | | |
| Radiator cap relief valve pressure | | 15 PSI | | | | | | | | | |
| Circulation thermostat | Type (choke, bypass) | Choke | | | | | | | | | |
| | Starts to open at (°F) | 192° - 198° | | | | | | | | | |
| Water pump | Type (centrifugal, other) | Centrifugal | | | | | | | | | |
| | GPM 2000 pump rpm | 22.7 | 23.3 | 25.8 | | | | | | | |
| | Number of pumps | One | | | | | | | | | |
| | Drive (V-belt, other) | V-belt | | | | | | | | | |
| | Bearing type | Permanently lubricated double row ball | | | | | | | | | |
| By-pass recirculation type (inter., ext.) | | Internal | | | External | | | | | | |
| Radiator core type (cross-flow, vertical, cellular, tube and fin, other) | | Cross flow; tube and center | | | | | | | | | |
| Cooling system capacity | With heater (qt.) | 18 | 18 | 23 | | | | | | | |
| | Without heater (qt.) | - | - | - | | | | | | | |
| | Opt. equipment-specify (qt.) | 18 | 18 | 25 | | | | | | | |
| Water jackets full length of cyl. (yes, no) | | Yes | | | | | | | | | |
| Water all around cylinder (yes, no) | | Yes | No | Yes | | | | | | | |
| Radiator hose | Lower | Number and type (molded, straight) | One, molded | | | | | | | | |
| | | Inside diameter | 1.75 | | | | | | | | |
| | Upper | Number and type (molded, straight) | One, molded | | | | | | | | |
| | | Inside diameter | 1.50 | | | | | | | | |
| | By-pass | Number and type (molded, straight) | None | | | One, molded | | | | | |
| | | Inside diameter | None | | | .690 - .750 | | | | | |
| Fan | Number of blades & spacing | 4-blade, staggered | | | 7 - blade | | | | | | |
| | Diameter | 19.00 | | | 19.50 | | | | | | |
| | Ratio-fan to crankshaft rev. | .949:1 | | | 1.25:1 | | | | | | |
| | Fan cutout type | Thermo-modulated clutch on V8-454 only | | | | | | | | | |
| Bearing type | | Double row ball | | | | | | | | | |
| *Drive belts (indicate belt used by letter) | Fan | A | B | B | B | C | | | | | |
| | Generator or alternator | A | B | B | B | C | | | | | |
| | Water Pump | A | B | B | B | C | | | | | |
| | Power Steering | D | D | D | D | E | | | | | |
| | Air Conditioning | F | F | F | F | G | | | | | |
| | Air injection | - | B | B | B | C | | | | | |
| *B" - used with California engines | | | | | | | | | | | |
| *Drive Belt Dimensions | A | B | C | D | E | F | G | H | I | J | K |
| Angle of V | ----- 34°-38° ----- | | | | | | | | | | |
| Nominal length (SAE) | 44.50 | 47.50 | 50.00 | 36.00 | 41.00 | 55.00 | 58.50 | | | | |
| Width | .380 | .380 | .440 | .380 | .380 | .440 | .440 | | | | |

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

| | |
|--|---|
| V8-350 (L65) All States except Calif. | V8-350 (LM1)- California Only: V8-400 All States V8-454 All states except C |
|--|---|

Vehicle Emission Control

| Type (Air injection, engine modifications, other) | | Engine modifications | Converter Air Injection |
|---|--|---|----------------------------|
| Air Injection Pump | Type | | Semi-articulated vane type |
| | Displacement | | 19.3 Cubic inch |
| | Drive ratio | | 1.15:1 |
| | Drive type | Controlled | Crankshaft pulley |
| | Relief valve (type) | | Diverter valve |
| | Filter (describe) | | Centrifugal air cleaner |
| Air Injection System | Air distribution (head, manifold, etc.) | Combustion | Manifold or exhaust pipe |
| | Point of entry | | Manifold or exhaust pipe |
| | Injection tube i.d. | | .2700 |
| | Check valve type | System | Pressure plate system |
| Exhaust Gas Recirculation System | Backfire protection (type) | | Diverter valve |
| | Type (controlled flow, open orifice, other) | Controlled flow | |
| | Valve type | Vacuum modulated shut-off and metering valve | |
| | Valve location | V8-350 & 400 right rear, V8-454 left front of inlet manifold | |
| | Control energy source | Carburetor vacuum | |
| | Exhaust source | Manifold exhaust crossover | |
| | Exhaust cooler type | None | |
| Other | Orifice no. and size | One; .030 (a) | |
| | Point of exhaust injection (spacer, carburetor, manifold, other) | Inlet manifold | |
| Other | Carburetor | Thermostatically controlled air cleaner regulates and | |
| | Hot Air | mixes heated air with incoming cold air to reduce hydrocarbon emission. | |
| | Under Floor Converter | Catalyst encased in a structured steel shell with an aluminized steel cover and a felt insulating blanket between. Exhaust gas flows down through the catalyst that effectively controls the hydrocarbon and carbon to a more desirable emission. | |

(a) LT4 California engine - Dual diaphragm, single orifice.

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

| | |
|-------------------|-------------------|
| V8-350, 400 & 454 | V8-350, 400 & 454 |
|-------------------|-------------------|

Vehicle Emission Control (Continued)

| | | Type (ventilates to atmos., induction system, other) | Standard | Optional |
|------------------------------|--------------------------------------|--|--------------------------------------|----------|
| Crankcase Emission Control | Control Unit | | Induction system | |
| | | | -- | |
| | | Make and model | AC Spark Plug 6487778 | |
| | | Location | Left front rocker cover | |
| | Complete System | Energy source (manifold vacuum, carburetor, other) | Manifold vacuum | |
| | | Control method (variable orifice, fixed orifice, other) | Variable orifice | |
| | | Discharges (to intake manifold, other) | Intake manifold | |
| | | Air inlet (breather cap, other) | Carburetor air cleaner | |
| Evaporative Emission Control | Fuel Tank | Flame arrestor (screen, other) | Screen | |
| | | Thermal expansion volume (cu. ft.) | Approximately 10% of refill capacity | |
| | | Relief pressure (psi) and location | 1.1 PSI | |
| | | Vacuum relief (psi) and location | .7 PSI | |
| | | Vapor-liquid separator type | Integral with fuel tank | |
| | Carburetor | Vapor vented to (crankcase, canister, other) | Canister | |
| | | | ---- | |
| | Vapor Storage | Vapor vented to (crankcase, canister, other) | Internally vented | |
| | | | ---- | |
| | | Storage provision (crankcase, canister, other) | Canister | |
| | | ---- | | |
| | Volume (cu. ft.) or capacity (grams) | Approximately 50 grams storage capacity | | |
| | Control valve type | Controlled by orifices and carburetor throttle body and throttle blade position. | | |

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

| Engine Displacement | | |
|----------------------|----------------------|----------------------|
| V8 - 350 C.I. L65 | V8 - 400 C.I. LT4 | V8 - 454 C.I. LS4 |

Electrical — Supply System

| | | | | |
|-------------------------|-------------------------------------|---|------------------|---|
| Battery | Make and Model | Delco Remy 1980200 | | 1980204 |
| | Voltage Rtg. & Total Plates | 12 volts (2900 watts) 66 plates | | 12 (4000w) 78 plts. |
| | SAE Designation No. and/or capacity | Cold cranking rating 0°-350 amps; -20°-270 amps 100 minutes reserve capacity | | 0°-445 amps; -20°-375 125 min. res. cap. |
| | Location | Right side of engine compartment | | |
| | Terminal grounded | Negative | | |
| Generator or Alternator | Make | Delco Remy | | |
| | Model | 1102483 | | |
| | Type and rating | Diode rectified 37 amps. | | |
| | Output at engine idle (neutral) | 12-20 amps. | | |
| | Ratio—Gen. to Cr/s rev. | 2.73:1 | 3.12:1 | |
| Regulator | Make | Delco Remy | | |
| | Model | --- | | |
| | Type | Micro circuit unit; integral with alternator | | |
| | Cutout relay | Closing voltage @ generator rpm | None | |
| | | Reverse current to open | None | |
| | Regulated | Voltage | 13.8-14.8 @85° F | |
| | | Current | -- | |
| | Voltage test conditions | Temperature | Operating | |
| Load | | 3-8 amperes | | |
| Other | | None | | |

Electrical — Starting System

| | | | | |
|----------------|-----------------------------------|-------------------------|--------|-----|
| Starting Motor | Make | Delco Remy | | |
| | Model | 1108430 | | |
| | Rotation (drive end view) | Clockwise | | |
| Motor Drive | Engagement type | Positive shift solenoid | | |
| | Pinion engages from (front, rear) | Rear | | |
| | Number of teeth | Pinion | 9 | |
| | | Flywheel | Manual | --- |
| | Auto. | | 168 | |
| | Flywheel tooth face width | Manual | --- | |
| Auto. | | .4100 - .4220 | | |

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

| | | |
|--------------------------|----------------------|--------------------|
| V8 - 350 C.I. L65 LM1 | V8 - 400 C.I. LT4 | V8-454 C.I. LS4 |
|--------------------------|----------------------|--------------------|

Electrical — Ignition System — Distributor

| | | | | |
|-------------------------|-----------|----------------|-------------|--------------|
| Breaker gap (in.) | | Not applicable | | |
| Cam angle (deg.) | | Not applicable | | |
| Brkr. arm tension (oz.) | | Not applicable | | |
| Distributor | Manual | Not available | | |
| | Automatic | 1112880 | 1112882 | 1112886 |
| Timing | Manual | Not available | | |
| | Automatic | 6° BTC @600 | 8° BTC @600 | 16° BTC @650 |

| Distributor Model | CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM | | | VACUUM ADVANCE Crankshaft Deg. at In. of Mercury | |
|-------------------|---|--------------|----------|---|-----------|
| | Start | Intermediate | Maximum | Start | Maximum |
| 1112880 | 0° @1200 | 12 @2000 | 22 @4200 | 0° @ 4 | 18° @12 |
| 1112882 | 0° @1000 | 8 @1600 | 15 @2800 | 0° @ 8 | 14° @15.5 |
| 1112886 | 0° @1100 | 11 @2400 | 18 @4200 | 0° @ 4 | 18° @7 |

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (e) _____

Engine Displacement

V8 - 350, 400 & 454 C. I.

Electrical—Ignition System

| | | | |
|------------|------------------------------------|--|------------|
| Type | Conventional - Std., Opt., N.A. | -- | |
| | Transistorized - Std., Opt., N. A. | -- | |
| | Other (specify) | High energy ignition system (H.E.I.) | |
| Coil | Make | Delco Remy | |
| | Model | 1115293 | |
| | Amps | Engine stopped | 4.0 |
| | | Engine idling | 1.8 |
| Spark Plug | Make | AC Spark Plug | |
| | Model | AC R44TX | |
| | Thread (mm) | 14 | |
| | Tightening torque (lb. ft.) | 25 (original) 15 (replacement) | |
| | Gap | .060 | |
| Cable | Conductor type | Fiberglass core impregnated with electrical conducting material | |
| | Insulation type | Rubber with silicone jacket | |
| | Spark plug protector | Silicone rubber | |

Electrical—Suppression

| | |
|------------------|--|
| Locations & type | Non-metallic high tension ignition cables |
|------------------|--|

Electrical—Instruments and Equipment

| | | |
|-------------------------------|--|---|
| Speed-ometer | Type | In-line with pointer |
| | Trip odometer (std. opt., N. A.) | Not available |
| Charge indicator - type | | Tell - tale |
| Temperature indicator - type | | Tell - tale (gauge-Optional) |
| Oil pressure indicator - type | | Tell - tale |
| Fuel indicator - type | | Electric gauge |
| Wind-shield wiper | Type - Standard | Electric, two-speed |
| | Type - Optional | Intermittent control type optional |
| Wind-shield washer | Type - Standard | Push-button |
| | Type - Optional | None |
| Horn | Type | Vibrator |
| | Number used | Dual - 1BN00 models. One (low note) on remainder |
| | Amp draw (each) | 4.5-6.5 @12.5 |
| Other | Restraint system warning light and buzzer. Parking brake and brake failure warning light. Fuel economy (vacuum) and coolant temperature gauges in optional package | |

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

| | |
|--|--|
| | |
|--|--|

Drive Units—Clutch (Manual Transmission)

| | | |
|-----------------------------|------------------------------|-------------------------------------|
| Make & type | | |
| Type pressure plate springs | | |
| Total spring load (lb.) | | |
| No. of clutch driven discs | | |
| Clutch facing | Material | |
| | Manufacturer | |
| | Part Number | |
| | Rivets/Plate | |
| | Rivet size | |
| | Outside & inside dia. | |
| | Total eff. area (sq. in.) | |
| | Thickness | NOT AVAILABLE |
| Release bearing | Type & method of lubrication | |
| | Torsional damping | Methods: springs, friction material |

Drive Units—Transmissions

| | |
|-----------------------------------|---------------|
| Manual 3-speed (std., opt., N.A.) | NOT AVAILABLE |
| Manual 4-speed (std., opt., N.A.) | NOT AVAILABLE |
| Automatic (std., opt., N.A.) | Standard |

Drive Units — Manual Trans.

| | | | |
|------------------------------------|----------------------|--------|--|
| Number of forward speeds | | | |
| Transmission ratios | In first | | |
| | In second | | |
| | In third | | |
| | In fourth | | |
| | In reverse | | |
| Synchronous meshing, specify gears | | | |
| Shift lever location | NOT AVAILABLE | | |
| Lubricant | Capacity (pt.) | | |
| | Type recommended | | |
| | SAE viscosity number | Summer | |
| | | Winter | |
| Extreme cold | | | |

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
Model Year 1975 Issued 9/74 Revised (e) _____

| Engine Displacement | | | |
|---------------------|-----------------|-----------------|-----------------|
| V8 - 350 L65 | V8 - 350 LM1 | V8 - 400 LT4 | V8 - 454 LS4 |

Drive Units—Automatic Transmission

| | | | |
|-----------------------------------|-------------------------------|--------------------|--------------------|
| Trade name | Turbo Hydra - matic | | |
| Type (describe) | 3-speed torque converter | | |
| Selector location | Lever, steering column | | |
| Gear Ratios | P | Park | Park |
| | R | 1.93 | 2.08 |
| | N | Neutral | Neutral |
| | D | 2.52 - 1.52 - 1.00 | 2.48 - 1.48 - 1.00 |
| | L2 | 2.52 - 1.52 | 2.48 - 1.48 |
| | L1 | 2.52 | 2.48 |
| Max. upshift speed - drive range | 81 | 91 | 83 |
| Max. kickdown speed - drive range | 77 | 87 | 79 |
| Torque convertor | Number of elements | 3 | |
| | Max. ratio at stall | 2.00 | 2.10 |
| | Type of cooling (air, liquid) | Water | |
| | Nominal diameter | 11.75 | 12.20 |
| Lubricant | Capacity - refill (pt.) | 8 | 9 |
| | Type recommended | A suffix A | |
| Special transmission features | | | |

Drive Units—Axle

| | | | | |
|-----------------------------------|--|---|--------|--|
| Type (front, rear) | Rear | | | |
| Description | Semi-floating axle shafts; overhung hypoid drive pinion and ring gear | | | |
| Limited Slip differential, type | Multiple disc | | | |
| Drive Pinion Offset | 1.75 | | | |
| No. of differential pinions | Two | | | |
| Pinion adjustment (shim, other) | None | | | |
| Pinion bearing adj. (shim, other) | Shim | | | |
| Wheel bearing type | Taper roller | | | |
| Lubricant | Capacity (pt.) | 4.25 (8-1/2 ring gear); 4.9 (8-7/8 ring gear) | | |
| | Type recommended | Meeting military specs MIL-L-2105B | | |
| | SAE viscosity number | Summer | SAE 80 | |
| | | Winter | SAE 80 | |
| Extreme cold | | SAE 80 | | |

Axle Ratio Tooth Combinations (See page 4 for axle ratio usage)

| Axle ratio | | 2.56 | 2.73 | 3.08 | | 2.73 | 3.08 | |
|-----------------|-----------|------|------|------|--|-------|------|--|
| No. of teeth | Pinion | 16 | 15 | 13 | | 15 | 13 | |
| | Ring gear | 41 | 41 | 40 | | 41 | 40 | |
| Ring Gear O. D. | | 8.50 | | | | 8.875 | | |

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (●) _____

Engine Displacement

| | |
|-----------------|----------------|
| Sedans & Coupes | Station Wagons |
|-----------------|----------------|

Drive Units—Propeller Shaft

| | | | |
|--|------------------------------------|-------------------------------------|------------------------------|
| Number used | | | |
| Type (straight tube, tube-in-tube, internal-external damper, etc.) | | Straight tube | Swaged tube; internal damper |
| Outer diam. x length* x wall thickness | Manual 3-speed trans. | Not available | |
| | Manual 4-speed trans. | Not available | |
| | Automatic transmission | 2.75 x 56.49 x 0.065 | 3.25 x 59.74 x 0.065 |
| Inter-mediate bearing | Type (plain, anti-friction) | None | |
| | Lubrication (fitting, prepack) | --- | |
| Slip Yoke | Type | Yoke | |
| | Number of teeth | 27 & 32 | |
| | Spline O. D. | 1.176 | |
| Universal joints | Make and Mfg. No. | Saginaw Steering Gear S44 | |
| | Number used | Two (2) | |
| | Type (ball and trunnion, cross) | Constant velocity-rear; cross-front | Cross |
| | Rear attach. (u-bolt, clamp, etc.) | Flange | |
| | Bearing | Type (plain, anti-friction) | Anti-friction |
| Lubric. (fitting, prepack) | | Pre-pack | |
| Drive taken through (torque tube or arms, springs) | | Control arms | Rear leaf springs |
| Torque taken through (torque tube or arms, springs) | | Control arms | Rear leaf springs |

*Center to center of universal joints, or to centerline of rear attachment

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
Model Year 1975 Issued 9/74 Revised (•) _____

Body Type And/Or Engine Displacement, Etc.

| | |
|-------------------------------------|----------------|
| All Models except station wagons | Station Wagons |
|-------------------------------------|----------------|

Drive Units — Tires And Wheels (Standard)

| | | | | | |
|--------|---|---------------------|------------------------------|------------|--|
| TIRES | Size, load range, ply | | HR78 x 15B | LR78 x 15C | |
| | Type (bias, radial, etc.) | | Steel belted radial | | |
| | Inflation pressure (cold) for recommended max. vehicle load | Front (a) | 28 | 28 | |
| | | Rear (a) | 30 | 30 | |
| | Rev./mile @ 45 mph | | 745 | 719 | |
| WHEELS | Type & material | | Short spoke disc, steel | | |
| | Rim (size & flange type) | | 15 x 6 | | |
| | Wheel offset | | 0.34 | | |
| | Attachment | Type (bolt or stud) | Stud | | |
| | | Circle diameter | 5.00 | | |
| | | Number & size | 5 1/2 - 20 UNF - 2B hex nuts | | |
| | Spare wheel (same or other) | | Same | | |

Drive Units — Tires And Wheels (Optional)

| | |
|-------------------------------------|--|
| Size, load range, ply | |
| Type (bias, radial, etc.) | |
| Wheel type & material | |
| Rim (size, flange type, and offset) | |
| Size, load range, ply | |
| Type (bias, radial, etc.) | |
| Wheel type & material | |
| Rim (size, flange type, and offset) | |
| Size, load range, ply | |
| Type (bias, radial, etc.) | |
| Wheel type & material | |
| Rim (size, flange type, and offset) | |
| Size, load range, ply | |
| Type (bias, radial, etc.) | |
| Wheel type & material | |
| Rim (size, flange type, and offset) | |
| Size, load range, ply | |
| Type (bias, radial, etc.) | |
| Wheel type & material | |
| Rim (size, flange type, and offset) | |

Brakes — Parking

| | | |
|---------------------------------|--|--|
| Type of control | Apply foot pedal; release "T" handle | |
| Location of control | Left of steering column under instrument panel | |
| Operates on | Rear service brakes | |
| If separate from service brakes | Type (internal or external) | |
| | Drum diameter | |
| | Lining size (length x width x thickness) | |

(a) Full rated pressures shown, selective tire pressures are contingent on weight of vehicle.

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (●) _____

Body Type And/Or Engine Displacement

| | |
|----------------|----------------|
| Sedan & Coupes | Station Wagons |
|----------------|----------------|

Brakes — Service

| | | | | | |
|--|---|-----------------------------------|--|---------------------|--------------------|
| Brake Type (std., opt., N.A.) | Drum | Front | --- | | |
| | | Rear | Standard | | |
| | Disc | Front | Standard | | |
| | | Rear | --- | | |
| Self adjusting (std., opt., N.A.) | | | Standard | | |
| Special Valving | Type (proportion, delay, metering, other) | | Delay - front; Proportion - rear, for all models except station wagons | | |
| Power Brake (std., opt., N.A.) | | | Standard | | |
| Booster Type (remote, integral, etc.) | | | Integral | | |
| Effective area (sq. in.)* | | | | | |
| Gross lining area (sq. in.)** | | | 123.1 | 131.9 | |
| Swept area (sq. in.)*** | | | 111.2 | 120.1 | |
| Drum | Diameter (nominal) | Front | 370.3 | --- | |
| | | Rear | 11.0 | 12.0 | |
| Type and material | | | Cast iron finned | | |
| Rotor | Outer working diameter | | 11.86 | | |
| | Inner working diameter | | 7.90 | | |
| | Thickness | | 1.28 | | |
| | Material & type (vented/solid) | | Cast iron, vented | | |
| Wheel cylinder bore | Front | | --- | | |
| | Rear | | .9375 | 1.00 | |
| Master Cylinder | Bore | | 1.125 | | |
| | Stroke | | 1.41 | | |
| Pedal arc ratio | | | 3.00:1 | | |
| Line pressure at 100 lb. pedal load | | | 773 | | |
| Shoe Clearance | Front | | Self-adjusting | | |
| | Rear | | Self-adjusting | | |
| Anti-skid device type (std., opt., N.A.) | | | Not available | | |
| Brake lining | Bonded or riveted, rivets/seg. | | Riveted | | |
| | Rivet size | | Tubular .210 x .379 | | |
| | Manufacturer | | Delco Moraine | | |
| | Part number | | 5468963 | | |
| | Front Wheel | Material | | Molded asbestos | |
| | | Size (length x width x thickness) | Prim. or out-board | 5.40 x 1.92 x 0.465 | |
| | | | Second. or in-board | 5.40 x 1.92 x 0.465 | |
| | | Segments per shoe | | One | |
| | Shoe thickness | | .630 | | |
| | Rear Wheel | Material | | Molded asbestos | |
| | | Size (length x width x thickness) | Prim. or out-board | 8.95 x 2.0 x 0.25 | 9.83 x 2.0 x 0.25 |
| | | | Second. or in-board | 11.59 x 2.0 x 0.29 | 12.77 x 2.0 x 0.32 |
| | | Segments per shoe | | One | |
| | Shoe thickness | | Primary - .305; Secondary .365 | | |

* Excludes rivet holes, grooves, chamfers, etc.

** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia. minus square of Inner Working Dia. multiplied by 1/2 for each brake.)

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (●) _____



Steering

| | | | | |
|--|---|---|--|----------------------------|
| Manual (std., opt., NA) | | Not available | | |
| Power (std., opt., NA) | | Standard | | |
| Adjustable steering wheel (tilt, swing, other) | Type and description | Tilt; Universally jointed steering shaft at base of steering wheel; 5 inch vertical travel range; 6 positions | | |
| | (std., opt., NA) | Optional | | |
| Wheel diameter | Manual | --- | | |
| | Power | Oval - 15.25 x 14.75 | | |
| Turning diameter (feet) | Outside front | Wall to wall (l. & r.) | 45.2 - sedan and coupe; 46.2 - station wagon | |
| | | Curb to curb (l. & r.) | 41.7 - sedan and coupe; 42.8 - station wagon | |
| | Inside rear | Wall to wall (l. & r.) | --- | |
| | | Curb to curb (l. & r.) | --- | |
| Manual | Gear | Type | --- | |
| | | Make | --- | |
| | | Ratios | Gear | --- |
| | | | Overall | --- |
| | No. wheel turns (stop to stop) | --- | | |
| Power | Type (coaxial, linkage, etc.) | Integral gear and power piston with vane type pump | | |
| | Make | Saginaw Steering | | |
| | Gear | Type | Semi-reversible, recirculating ball nut | |
| | | Ratios | Gear | 15.0:1 on center to 13.0:1 |
| | | | Overall | 16.2:1 on center to 14.6:1 |
| | Pump driven by | Crankshaft pulley belt drive | | |
| No. wheel turns (stop to stop) | 3.06 | | | |
| Linkage | Type | Parallelogram | | |
| | Location (front or rear of wheels, other) | Front | | |
| | Drag link (trans. or longit.) | None | | |
| | Tie rods (one or two) | Two | | |
| Steering Axis | Inclination at camber (deg.) | 9.11 @ 1° | | |
| | Bearings (type) | Upper | Ball stud with non-metallic bearing surface | |
| | | Lower | Ball stud with non-metallic bearing surface | |
| | | Thrust | None | |
| Whl. Align (range at curb wt. & preferred) | Caster (deg.) | P 1 1/2° + 1° | | |
| | Camber (deg.) | Left P 1° + 1°; Right P 1/2° - + 1° | | |
| | Toe-in (outside track inches) | 1/16 + 1/8 | | |
| Steering spindle & joint type | | Nodular iron knuckle with upper and lower spherical joints | | |
| Wheel Spindle | Diameter | Inner bearing | 1.37455 | |
| | | Outer bearing | 0.84325 | |
| | Thread size | | 3/4 - 20 UNEF - 3A (modified) | |
| | Bearing type | | Taper roller | |

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (●)

Body Type And/Or Engine Displacement

| | |
|---------------------------------|----------------|
| Sedans, Coupes & Convertible | Station Wagons |
|---------------------------------|----------------|

Suspension — General

(See Supplement page for details on Air Suspension)

| | | |
|------------------------------------|--|--------------------------------|
| Provision for car leveling | Front stabilizer bar | |
| Provision for brake dip control | Front suspension geometry | |
| Provision for acc. squat control | Rear suspension geometry | |
| Special provisions for car jacking | Position jack in bumper slot on lower face of front and rear bumpers | |
| Shock absorber front & rear | Type | Direct double acting hydraulic |
| | Make | Delco |
| | Piston dia. | 1.00 |
| Other special features | | |

Suspension — Front

| | | | |
|----------------------|---|--------------------------------|-------------------------------|
| Type and description | Independent - SLA type with coil springs | | |
| Travel | Full Jounce | 2.65 | |
| | Full Rebound | 4.36 | |
| Spring (a) | Type (coil, leaf, other) | Coil | |
| | Material | Steel Alloy | |
| | Size (coil design height & I.D., bar length x dia.) | 11.00 x 4.05 146.09 x .698 | 11.00 x 4.05 137.65 x .719 |
| | Spring rate (lb. per in.) | 365 | 440 |
| | Rate at wheel (lb. per in.) | 100.7 | 123.0 |
| Stabilizer | Type (link, linkless, frameless) | Link | |
| | Material & bar diameter | H.R. Steel .097; with LS4-1.00 | H.R. Steel 1.125 |

Suspension — Rear

| | | | |
|--------------------------------|---|---|--------------------|
| Type and description | 4 link type; 2 lower and 2 upper control arms | Multiple leaf springs | |
| Drive and torque taken through | Control arms | Leaf springs | |
| Travel | Full Jounce | 3.38 | 3.05 |
| | Full Rebound | 5.62 | 5.29 |
| Spring (a) | Type (coil, leaf, ether) | Coil | Multiple leaf |
| | Material | Steel alloy | |
| | Size (length x width, coil design height & I.D., bar length & dia.) | 10.0 x 5.50 128.5 x .567 | 57.0 x 2.50 |
| | Spring rate (lb. per in.) | 115 | 182 |
| | Rate at wheel (lb. per in.) | 107.9 | 192 |
| | Mounting insulation type | Natural rubber | |
| | If leaf | No. of leaves Shackle (comp. or tens.) | Six Compression |
| Stabilizer | Type (link, linkless, frameless) | Link | -- |
| | Material & bar diameter | HR Steel 0.875; (b) LS4 - 0.94 | -- |
| Track bar type | | | |

- (a) For base equipped models. Springs for all models computer selected by size and rate according to vehicle weight including optional equipment.
- (b) Standard Caprice Classic optional Bel Air and Impala

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
Model Year 1975 Issued 9/74 Revised (•) _____

| Body Type | | | | | |
|--------------|-------------|-------------|--------------|-------------|---------------|
| 4-Door Sedan | Sport Sedan | Sport Coupe | Custom Coupe | Convertible | Station Wagon |

Frame

Type and description (Separate frame, unitized frame, partially - unitized frame)

Separate frame, perimeter type incorporating 3 cross members.

Body — Miscellaneous Information

| | | | | | | |
|--|-------------|---|--------|--------|--------|--------|
| Drs. hinged (front, rr.) | Front doors | Front | | | | |
| | Rear doors | Front | | | | |
| Type of finish (lacquer, enamel, other) | | Acrylic lacquer | | | | |
| Hood counterbalanced (yes, no) | | Yes | | | | |
| Hood release control (internal, external) | | Internal | | | | |
| Vehicle Ident. No. location | | Top left of instrument panel pad. | | | | |
| Engine No. location | | V8 - front right side of engine block. | | | | |
| Theft protection - type | | Lock mounted on steering column; locks steering wheel, transmission shift lever and ignition, interlocked with front seat sequential seatbelts. | | | | |
| Vent window control method (crank, friction pivot) | Front | None | | | | |
| | Rear | None | | | | |
| Seat cushion type | Front | Formed foam pad | | | | |
| | Rear | Formed foam pad | | | | |
| | 3rd seat | Formed foam pad | | | | |
| Seat back type | Front | Formed foam pad | | | | |
| | Rear | Formed foam pad | | | | |
| | 3rd seat | Formed foam pad | | | | |
| Windshield glass type (i.e., single curved - laminated plate) | | Single curve - laminated plate | | | | |
| Side glass type (i.e., curved - tempered plate) | | Curved - tempered plate | | | | |
| Backlight glass type (i.e., compound curved - tempered plate, three piece) | | Compound curve - tempered plate, one piece (a) | | | | |
| Windshield glass exposed surface area | 1542.7 | 1511.4 | 1511.4 | 1511.4 | 1445.1 | 1542.7 |
| Side glass exposed surface area | 1386.1 | 1847.5 | 1615.6 | 1750.8 | 1531.2 | 3265.7 |
| Backlight glass exposed surface area | 1359.0 | 1276.5 | 1303.0 | 1025.2 | 738.1 | 882.1 |
| Total glass exposed surface area | 4287.8 | 4635.4 | 4430.0 | 4287.4 | 3714.4 | 5690.5 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

(a) Convertible - flat tempered plate glass, one piece.

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (e) _____

| Body Type | |
|---------------------------------|------------------------------|
| Sedans, Coupes & Convertible | Station Wagons 2 + 3 seat |

Convenience Equipment

| | | |
|--|-----------------------|---|
| Power windows | Side windows | Optional except 1BK models |
| | Vent windows | NA |
| | Backlight or tailgate | NA Standard |
| Power seats (specify type as well as availability) | | Optional - 6 way 50/50 power bench seat, all models exc. 1BK. - 6 way power bench except 1BK models. |
| Reclining front seat back (R-L or both) | | Included in front seat 50/50 bench option (R) |
| Radios (specify type as well as availability) | | Push button, optional: AM, AM-FM, AM-FM Stereophonic, AM w/stereo tape, AM-FM stereo w/stereo tape. |
| Rear seat speaker | | (1) optional with AM, AM-FM (2) included in stereo unit |
| Power antenna | | NA |
| Clock | | Standard 1BN models; optional 1BK & 1BL models |
| Air conditioner (specify type and availability) | | Optional - four season, manual controls Optional - comfortron, automatic temperature control |
| Speed warning device | | NA |
| Speed control device | | Optional |
| Ignition lock lamp | | NA |
| Dome lamp | | Standard - all models except convertible |
| Glove compartment lamp | | Standard |
| Luggage compartment lamp | | Std. 1BL&1BN; Opt. 1BK models NA |
| Underhood lamp | | Optional |
| Courtesy lamp | | Standard 1BN, Optional 1BK & 1BL models |
| Map lamp | | NA |
| Cornering light lamp | | NA |
| Rear window defroster electrically heated | | NA |
| Rear window delogger | | Optional |
| Dome Reading Lamp | | Optional except convertible |
| Windshield Antenna | | Included with factory installed radio also with tinted windshield glass. |

Lamp Height And Spacing*

| | | | 1BK & 1BL Models | | 1BN Models | | |
|---|-----------------|-----------|--|--------|------------|--------|------|
| | | | 2-Seat | 3-Seat | 2-Seat | 3-Seat | |
| Height above ground to center of bulb or marker | Headlamp (H125) | Highest** | 1BK & 1BL Models 27.1, 1BN Models 27.7 | 27.0 | 27.3 | 27.6 | 28.0 |
| | | Lowest | 1BK & 1BL Models 27.1, 1BN Models 27.6 | 27.0 | 27.3 | 27.5 | 27.9 |
| | Tail (H126) | Highest | 1BK & 1BL Models 24.4, 1BN Models 24.6 | 28.2 | 26.9 | 28.2 | 26.9 |
| | | Lowest | 1BK & 1BL Models 24.4, 1BN Models 24.6 | 28.2 | 26.9 | 28.2 | 26.9 |
| | Sidemarker | Front | 1BK & 1BL Models 27.3, 1BN Models 16.7 | 27.2 | 27.6 | 16.8 | 17.0 |
| | | Rear | All Models 15.0 | 27.4 | 26.1 | 27.4 | 26.1 |
| Distance from C/L of car to center of bulb | Headlamp | Inside | 1BK & 1BL Models 24.1, 1BN Models 25.5 | 24.1 | | 25.5 | |
| | | Outside** | 1BK & 1BL Models 30.8, 1BN Models 32.9 | 30.8 | | 32.9 | |
| | Tail | Inside | 1BK - 1BL 13.1, 1BN 14.0 | --- | | --- | |
| | | Outside | 1BK 29.4, 1BL 30.9, 1BN 32.7 | 31.7 | | 31.7 | |
| | Directional | Front | 1BK & 1BL 36.3 1BN 30.7 | 36.3 | | 30.7 | |
| | | Rear | 1BK 29.4, 1BL 30.9, 1BN 32.7 | 31.7 | | 31.7 | |

*Measured with passenger load and trunk/cargo load specified in Car and Body Dimension section.

**If single headlamps are used enter here.

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

| Vehicle Weights | | | | | | | | | |
|--------------------------------------|------------------------|------|-------|-----------------------------|------|---------------|------|--------------------------------|------|
| Model | CURB WEIGHT * (Pounds) | | | % PASS. WEIGHT DISTRIBUTION | | | | SHIPPING WEIGHT ** (Pounds) | |
| | Front | Rear | Total | Pass. in Front | | Pass. in Rear | | | |
| | | | | Front | Rear | Front | Rear | | |
| BEL AIR (a) | | | | | | | | | |
| 4-Door Sedan | 1BK69 | 2309 | 2009 | 4318 | 47.3 | 52.7 | 18.0 | 82.0 | 4179 |
| IMPALA (a) | | | | | | | | | |
| 4-Door Sedan | 1BL69 | 2331 | 2026 | 4357 | 47.3 | 52.7 | 18.0 | 82.0 | 4218 |
| 4-Door Sport Sedan | 1BL39 | 2353 | 2051 | 4404 | 47.3 | 52.7 | 18.0 | 82.0 | 4265 |
| 2-Door Sport Coupe | 1BL57 | 2333 | 2013 | 4346 | 47.3 | 52.7 | 20.0 | 80.0 | 4207 |
| 2-Door Cus. Coupe | 1BL47 | 2341 | 1988 | 4329 | 47.3 | 52.7 | 20.0 | 80.0 | 4190 |
| CAPRICE CLASSIC (a) | | | | | | | | | |
| 4-Door Sedan | 1BN69 | 2383 | 2067 | 4450 | 47.3 | 52.7 | 18.0 | 82.0 | 4311 |
| 4-Door Spt. Sedan | 1BN39 | 2406 | 2093 | 4499 | 47.3 | 52.7 | 18.0 | 82.0 | 4360 |
| 2-Door Coupe | 1BN47 | 2389 | 2025 | 4414 | 47.3 | 52.7 | 20.0 | 80.0 | 4275 |
| 2-Door Convert. | 1BN67 | 2422 | 2059 | 4481 | 47.3 | 52.7 | 20.0 | 80.0 | 4342 |
| STATION WAGONS | | | | | | | | | |
| BEL AIR (b) | | | | | | | | | |
| 4-Door, 2-seat | 1BK35 | 2352 | 2625 | 4977 | 49.3 | 50.7 | 20.0 | 80.0 | 4856 |
| 4-Door, 3-seat | 1BK45 | 2351 | 2683 | 5034 | 49.3 | 50.7 | -8.0 | 108.0 | 4913 |
| IMPALA (b) | | | | | | | | | |
| 4-Door, 2-seat | 1BL35 | 2379 | 2652 | 5031 | 49.3 | 50.7 | 20.0 | 80.0 | 4910 |
| 4-Door, 3-seat | 1BL45 | 2373 | 2707 | 5080 | 49.3 | 50.7 | -8.0 | 108.0 | 4959 |
| CAPRICE ESTATE (b) | | | | | | | | | |
| 4-Door, 2-seat | 1BN35 | 2412 | 2687 | 5099 | 49.3 | 50.7 | 20.0 | 80.0 | 4978 |
| 4-Door, 3-seat | 1BN45 | 2410 | 2747 | 5157 | 49.3 | 50.7 | -8.0 | 108.0 | 5036 |
| (a) V8-350 Cu. In. L65 engine | | | | | | | | | |
| (b) V8-400 Cu. In. LT4 engine | | | | | | | | | |
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* Reference - SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).
 ** Shipping weight definition - weight of basic vehicle with regular equipment, including grease, oil and (3) gallons of gasoline and engine coolant to capacity.

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1975 Issued 9/74 Revised (•) _____

Optional Equipment Weights

| Equipment Differential Weights | WEIGHT (Pounds) | | | Remarks |
|--------------------------------|-----------------|------|-------|--|
| | Front | Rear | Total | |
| Air Conditioning Comfort | + 90 | + 6 | + 96 | Used with V8-L65, LT4, LM1 |
| | + 97 | + 6 | +103 | Used with V8-LS4 |
| Air Conditioning 4-Season | + 85 | + 6 | + 91 | Used with V8-L65, LT4, LM1 |
| | + 92 | + 6 | + 98 | Used with V8-LS4 |
| Electric Door Locks | + 4 | + 3 | + 7 | 2-Door Models |
| | + 8 | + 4 | + 12 | 4-Door Models |
| Power Seat | + 11 | + 9 | + 20 | All exc. 1BK69, 35, 45 |
| Front Seat 50/50 Bench | + 17 | + 15 | + 32 | Models 1BN39, 69 1BL00, 1BN35-45 |
| | + 15 | + 14 | + 29 | Model 1BN47 |
| Front & Rear Floor Mats | + 5 | + 6 | + 11 | |
| Vinyl Roof Cover | + 2 | + 5 | + 7 | All exc. station wagons |
| | + 3 | + 6 | + 9 | Station Wagons |
| Power Windows | + 12 | + 10 | + 22 | 2-Door Models 1BL57, 1BN67 |
| | + 7 | + 4 | + 11 | 2-Door Models 1BL, 1BN47 |
| | + 10 | + 9 | + 19 | 4-Door Models 1BL, 1BN35, 39, 45, 69 |
| Wire Wheel Trim Covers | + 11 | + 11 | + 22 | 1BK-1BL00 Models |
| | + 10 | + 10 | + 20 | 1BN00 Models |
| Heavy Duty Battery | + 2 | 0 | + 2 | |
| Radio AM Push Button | + 4 | + 2 | + 6 | |
| Radio AM/FM Push Button | + 6 | + 2 | + 8 | |
| Radio AM/FM Stereo | + 12 | + 3 | + 15 | |
| Radio AM Push Button & Tape | + 15 | + 5 | + 20 | |
| Radio AM/FM P/B & Tape | + 16 | + 5 | + 21 | |
| Bumper Impact Strips. | | | | |
| PCV-Front & Rear | + 8 | + 4 | + 12 | All exc. Station Wagons |
| | + 6 | 0 | + 6 | Station Wagons |
| Bumper Guards | | | | |
| Front & Rear | + 8 | + 4 | + 12 | All exc. Station Wagons |
| | + 8 | + 2 | + 10 | Station Wagons |
| Roof Luggage Carrier | 0 | + 15 | + 15 | Station Wagons |
| 350 Cu. In. V8 LM1 Engine | + 4 | + 2 | + 6 | Optional - (California only) all models |
| 400 Cu. In. V8 LT4 Engine | + 33 | + 10 | + 43 | Sedans & Coupes |
| 454 Cu. In. V8 LS4 Engine | +204 | + 65 | +269 | 1BK69 - 1BL39, 47, 57, 69, 1BN39, 47, 67, 69 |
| | +167 | + 59 | +226 | All Station Wagons |

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
Model Year 1975 Issued 9/74 Revised (•) _____

Body Type

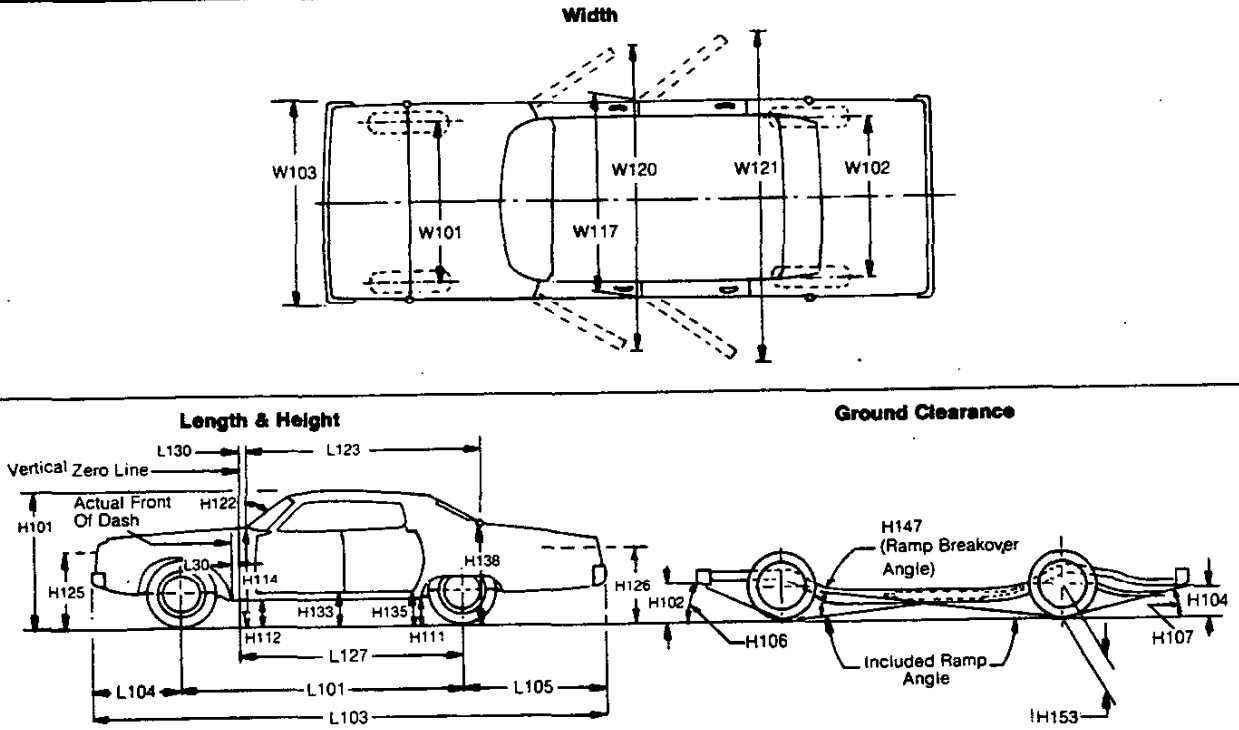
Vehicle Fiducial Marks

| Fiducial Mark Number * | Define Coordinate Location | | | Fiducial Mark to Ground at Design |
|------------------------|---|--------|------|---|
| | X | Y | Z | |
| Front | X - Fiducial Mark to Centerline of Car - Front, Width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt. | | | |
| | Y - Fiducial Mark to Vertical Body Zero Line - Front, Measured horizontally from the body zero line to the front fiducial mark located on top of the front seat adjuster mounting bolt. | | | |
| | Z - Fiducial Mark to Horizontal Body Zero Line - Front, Measured vertically from body zero line to the front fiducial mark located on top of the front seat adjuster mounting bolt. | | | |
| Rear | X - Fiducial Mark to Centerline of Car - Rear, Width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar. | | | |
| | Y - Fiducial Mark to Vertical Body Zero Line - Rear, Measured horizontally from body zero line to the rear fiducial mark located on rear underbody crossbar. | | | |
| | Z - Fiducial Mark to Horizontal Body Zero Line - Rear, Measured vertically from body zero line to the rear fiducial mark located on the rear underbody crossbar. | | | |
| | Coordinate Location of Fiducial Mark | | | |
| | X | Y | Z | |
| Front | 20.70 | 30.25 | 5.03 | Coupes & Sedans 10.91 Station Wagons 11.66 |
| | | | | |
| Rear | Sedan & Coupe 22.25 | 142.75 | 9.32 | Coupes & Sedans 14.45 |
| | Station Wagons 19.92 | 136.35 | 8.90 | Station Wagons 15.86 |

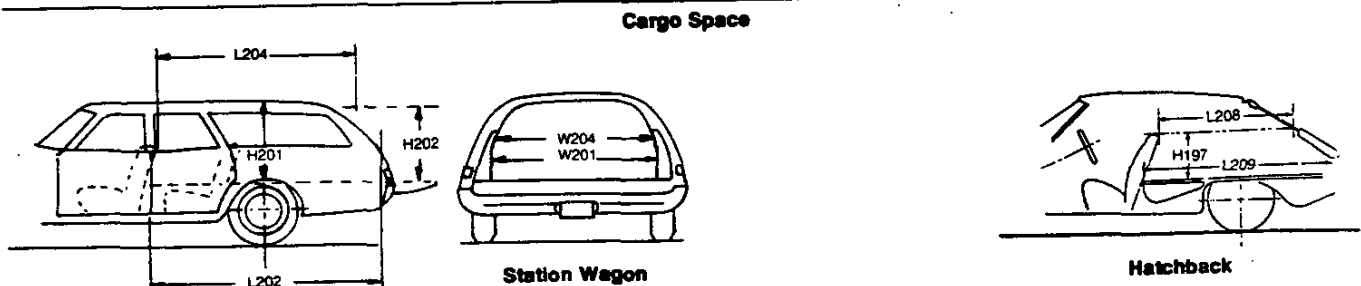
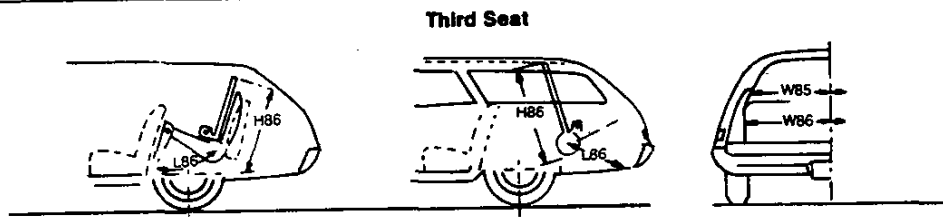
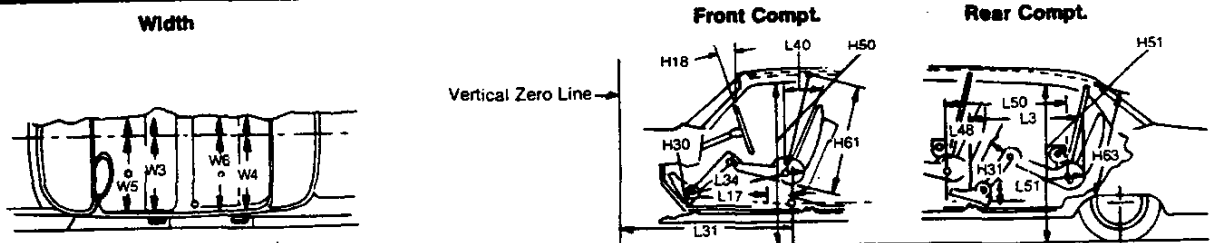
* Reference - SAE Recommended Practice, J182

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Station Wagon — Cargo Space Dimensions

- L202 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
- L204 CARGO LENGTH AT BELT — FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
- W201 CARGO WIDTH — WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail and liftgates fully open.
- V2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

$$\frac{W4 \times L204 \times H201}{1728}$$

Hatch Back — Cargo Space Dimensions

All hatch back cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatch back door is in the closed position (For electrically adjusted seats, see manufacturer's specifications for Design 'H' Point).

- H197 FRONT SEAT BACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seat back to the undepressed floor covering.
- L208 CARGO LENGTH AT FRONT SEAT BACK HEIGHT. The horizontal dimension measured from the top rear of front seat back to the inside limiting interference of the hatch back door on the car centerline.
- L209 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension measured at floor level from the rear of the front seat back to the normal limiting interference of the hatch back door on the car centerline.
- V3 HATCH BACK — CARGO INDEX VOLUME. Hatch back cargo index volume is to be determined by the following formula, and expressed in terms of cubic feet.

$$\frac{L208 + L209}{2} \times W4 \times H197$$

1728

MVMA Specifications Form Passenger Car

Index

| Subject | Page No. | Subject | Page No. |
|------------------------------------|------------|--------------------------------------|----------------|
| Alternator | 15 | Kingpin (Steering Axis) | 23 |
| Automatic Transmission | 19 | Lamp height and spacing | 26 |
| Axis, Steering | 23 | Legroom | 3, 4 |
| Axle, Rear | 4, 5, 19 | Lengths — Car and Body | 2 |
| Battery | 15 | Lifters, valve | 9 |
| Bearings, Engine | 7, 8, 10 | Linings — Clutch, Brake | 18, 22 |
| Belts — Fan, Generator, Water Pump | 12 | Lubrication | 10, 18, 19, 20 |
| Brakes — Parking, Service | 21, 22 | Luggage Compartment | 3 |
| Cable — Ignition | 17 | Models | 1 |
| Camber | 23 | Motor, Starting | 15 |
| Camshaft | 8 | Muffler | 10 |
| Capacities | | Passenger Capacity | 1 |
| Cooling System | 12 | Passenger Weight Distribution | 27 |
| Fuel Tank | 11 | Piston Pins & Rings | 6, 7 |
| Lubricants | | Pistons | 6, 7 |
| Engine Crankcase | 10 | Power Brakes | 22 |
| Transmission | 18, 19 | Power Steering | 23 |
| Rear Axle | 19 | Power Teams | 5 |
| Car Models | 1 | Propeller Shaft, Universal Joints | 20 |
| Car and Body Dimensions | | Pumps — Oil, Fuel | 10, 11 |
| Width | 2 | Water | 12 |
| Length | 2 | Radiator — Cap, Hoses | 12 |
| Height | 2 | Ratios — Axle | 5, 19 |
| Ground Clearance | 2 | Compression | 5, 6 |
| Front Compartment | 3 | Steering | 23 |
| Rear Compartment | 3 | Transmission | 18, 19 |
| Luggage Compartment | 3 | Rear Axle | 5, 19 |
| Station Wagon — Third Seat | 4 | Regulator — Generator | 15 |
| Station Wagon — Cargo Space | 4 | Rims | 21 |
| Hatchback — Cargo Space | 4 | Rings, Piston | 7 |
| Carburetor | 5, 11, 14 | Rods — Connecting | 7 |
| Caster | 23 | Seats | 25 |
| Choke, Automatic | 11 | Shock Absorbers, Front & Rear | 24 |
| Clutch — Pedal Operated | 18 | Spark Plugs | 17 |
| Coil, Ignition | 17 | Speedometer | 17 |
| Connecting Rods | 7 | Springs — Front & Rear Suspension | 24 |
| Convenience Equipment | 26 | Stabilizer (Sway Bar) — Front & Rear | 24 |
| Cooling System | 12 | Starting System | 15 |
| Crankshaft | 8 | Steering | 23 |
| Cylinders and Cylinder Head | 6 | Suppression — Ignition, Radio | 17 |
| Dimension Definitions | | Suspension — Front & Rear | 24 |
| Key Sheet — Exterior | 30, 31 | Tail Pipe | 10 |
| Key Sheet — Interior | 30, 32, 33 | Theft Protection | 25 |
| Distributor — Ignition | 16 | Thermostat, Cooling | 12 |
| Electrical System | 15, 16, 17 | Timing — Valve, Ignition | 9, 16 |
| Emission Controls | 13, 14 | Tires | 21 |
| Engine | | Toe in | 23 |
| Bore, Stroke, Type | 6 | Torque Converter | 19 |
| Compression Ratio | 5, 6 | Torque — Engine | 5 |
| Displacement | 5, 6, 11 | Transmission — Types | 5, 11, 18, 19 |
| Firing Order, Cylinder Numbering | 6 | Transmission — Automatic | 5, 11, 18, 19 |
| General Information, H.P. & Torque | 5, 6 | Transmission — Manual | 5, 11, 18 |
| Identification Number Location | 25 | Transmission — Ratios | 18, 19 |
| Lubrication | 10 | Tread | 2 |
| Power Teams | 5 | Trunk Luggage Capacity | 3 |
| Exhaust System | 10 | Turning Diameter | 23 |
| Equipment Availability | 26 | Unitized Construction | 25 |
| Fan, Cooling | 12 | Universal Joints, Propeller Shaft | 20 |
| Fiducial Marks | 29 | Valves — Intake & Exhaust | 9 |
| Filters — Engine Oil, Fuel System | 10, 11 | Vehicle Identification Number | 25 |
| Frame | 25 | Voltage Regulator | 15 |
| Front Suspension | 24 | Water Pump | 12 |
| Fuel, Fuel Pump, Fuel System | 6, 11, 14 | Weights | 27, 28 |
| Fuel Injection | 11 | Wheel Alignment | 23 |
| Generator and Regulator | 15 | Wheelbase | 2 |
| Glass | 25 | Wheels & Tires | 21 |
| Height (Lamps) | 26 | Wheel Spindle | 23 |
| Headroom — Body | 3, 4 | Widths — Car and Body | 2 |
| Heights — Car and Body | 2 | Windshield | 25 |
| Horns | 17 | Windshield Wiper and Washer | 17 |
| Horsepower — Brake | 5 | | |
| Ignition System | 16, 17 | | |
| Inflation — Tires | 21 | | |
| Instruments | 17 | | |