
1975

1975 Chevelle Line



Malibu Classic Landau Coupe



Malibu Classic Sedan



Malibu Coupe



Malibu Classic Coupe



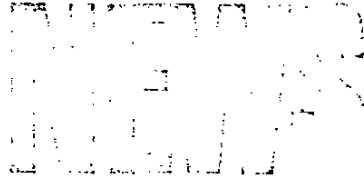
Laguna Type S-3 Coupe



Malibu Sedan

CHEVROLET

CHEVELLE



From
Public Relations Department
CHEVROLET MOTOR DIVISION

ORIGINAL

ADVANCE INFORMATION ONLY

DETROIT -- Chevrolet is expanding its 1975 intermediate Chevelle lineup with a mid-year introduction of the newly styled Laguna Type S-3 coupe.

Highlighted are a new front end design using a "soft" urethane front end panel over an impact absorbing bumper system. The new front end design is color-keyed to exterior and interior trim and paint treatments, including optional roof and body striping.

The Laguna Type S-3 is powered by the 350-cubic inch V8 engine with a 400-cubic inch V8 optional. Radial ply tires are standard as are 15-inch rally wheels and trim rings. A specially tuned suspension is standard.

Regular production options specific to the sporty Laguna model include a vinyl covered sport roof (forward half-top is covered); body paint stripes, wheel opening moldings and bucket seats with Laguna trim.

Color keyed front and rear bumper impact strips are standard together with specific front, side and rear "Type S-3" emblems. A distinctive Laguna Type S-3 feature is the use of louvered rear quarter windows. There is also a remote control left-hand sport mirror and a manual adjusted right-hand mirror.

Six exterior body paint colors are available. A vinyl top and lower body paint stripe, both available optionally, are color coordinated with each other and the body paint.

The interior features a color-keyed instrument panel cluster, specific door upper trim panel and seat trim in perforated vinyl and sport cloth.

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CONFIDENTIAL -- CHEVROLET ADVANCE PRODUCT INFORMATION

1975-1/2 CHEVELLE LAGUNA TYPE S-3 COUPE

PROGRAM HIGHLIGHTS

EXTERIOR

Newly styled urethane front end bumper system, color keyed in all body colors (designed for 1976 MVSS requirements)
Front and rear impact strips (color keyed to RPO body paint stripes)
Specific front, side and rear nameplate identification
Sport mirrors, remote left and manual right hand
Louvered rear quarter windows
Wheel opening moldings deleted

EXTERIOR COLORS

Six exterior body paint colors will be available. Vinyl top and lower body paint stripe colors, both available optionally, will be color coordinated with each other and with the body paint.

INTERIOR

Specific door upper trim panel and specific RPO A52 front bench seat trim
Color keyed instrument panel cluster - Monte Carlo round dial cluster

INTERIOR TRIM

Interior trims will be available in a selection of four perforated vinyl and four sport cloth combinations.

FUNCTIONAL

GR78 x 15 inch radial ply black wall tires
Radial tuned suspension - includes rear stabilizer bar
350 CID V8 base engine with 400 CID V8 optional
15 inch Rally wheels, hub caps and trim rings

REGULAR PRODUCTION OPTIONS -- SPECIFIC TO LAGUNA

Sport roof - forward half, vinyl cover
Body paint stripes (front, sides and rear with lower sill moldings deleted) - keyed to vinyl top covers
Wheel opening moldings
Bucket seats in specific Laguna trim
No delete tire option

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ORIGINAL

CHEVELLE MALIBU OR MALIBU CLASSIC COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1975 Vehicles

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price◇ |
|---|---------------|------------------------|--------------|--------------|----------------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAIL/ AND APPLICATION | | | | | | |
| Air Conditioning: Four-Season. Includes K76 61-amp generator and increased cooling. | | | | | | |
| Without L22 250-1 BBL L6 or LS4 454-4 BBL V8 engine. | | | | | | |
| Includes J50 power brakes | C60 | | | | | 505.00 |
| With LS4 454-4 BBL V8 engine | C60 | | | | | 450.00 |
| With L22 250-1 BBL L6. Includes N41 power steering | C60 | | | | | 579.00 |
| Axle, Positraction Rear | G80 | | | | | 49.00 |
| Axle Ratios: | | | | | | |
| High Altitude | G92 | | | | | 12.00 |
| Highway | G95 | | | | | 12.00 |
| Battery, Heavy-Duty: 15-plate, 80-amp-hr. Included with LS4 454-4 BBL V8 engine | UA1 | | | | | 15.00 |
| Belts, Custom Deluxe Seat and Shoulder: Includes brushed metal buckles and color-keyed belts. (Standard belts and plastic buckles are black.) | | | | | | |
| REPLACING STANDARD NUMBER OF BELTS: | | | | | | |
| With bench seat—6 seat and 2 front shoulder | AK1 | | | | | 16.00 |
| With bucket seats—5 seat and 2 front shoulder | AK1 | | | | | 14.50 |
| Brakes, Power: Included with LS4 454-4 BBL V8 engine or C60 air conditioning without L22 250-1 BBL L6 engine | J50 | | | | | 55.00 |
| Bumper Equipment: Front and Rear. | | | | | | |
| Bumpers, Deluxe. Standard on Z03 Landau. Includes black resilient impact strips | VE5 | | | | | 27.00 |
| Guards, Bumper. | V30 | | | | | 34.00 |
| California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California | YF5 | | | | | 45.00 |
| Clock, Electric: Included with U14 special instrumentation | U35 | | | | | 18.00 |
| Console: Includes compartment. Shift lever mounted on console | D55 | | | | | 68.00 |
| Container, Litter: Color-keyed | O24 | | | | | 5.00 |
| Defogger, Rear Window: Forced-Air | C50 | | | | | 41.00 |
| Door Lock System, Power: Electric. | | | | | | |
| Coupes | AU3 | | | | | 58.00 |
| Sedans | AU3 | | | | | 82.00 |
| Engines: (Refer to Dealer Order Guide for California Requirements) | | | | | | |
| 250-1 BBL L6 | L22 | | | | NO ADDITIONAL CHARGE | |
| 350-2 BBL V8 | L65 | | | | NO ADDITIONAL CHARGE | |
| 350-4 BBL V8 | LM1 | | | | | 54.00 |
| 400-4 BBL V8 | LT4 | | | | | 113.00 |
| 454-4 BBL V8. Includes UA1 HD battery and J50 power brakes | LS4 | | | | | 340.00 |
| Exterior Decor: Includes taillight and wheel opening moldings. | | | | | | |
| Without vinyl roof. Also includes roof drip moldings | YJ9 | | | | | 49.00 |
| With vinyl roof | YJ9 | | | | | 34.00 |
| Generator, 61-Amp Delcotron: Included with C60 air conditioning | K76 | | | | | 26.00 |
| Glass, Soft-Ray Tinted: All windows | A01 | | | | | 48.00 |
| Horns, Dual: Standard with Z03 Landau | U05 | | | | | 4.00 |
| Instrumentation: Includes ammeter and temperature gauges mounted in instrument panel. | | | | | | |
| Econominder: Also includes economy gauge | UF7 | | | | | 42.50 |
| Special: Also includes tachometer and U35 clock | U14 | | | | | 88.00 |

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
 † D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.
 ◇ State and local taxes not included.

CHEVELLE MALIBU OR MALIBU CLASSIC COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1975 Vehicles

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price○ |
|---|---------------|------------------------|--------------|--------------|------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION | | | | | | |
| Lighting, Auxiliary: | | | | | | |
| (A) Ashtray Light | | | | | | |
| (B) Courtesy Lights | | | | | | |
| (C) Glove Compartment Light | | | | | | |
| (D) Luggage Compartment Light | | | | | | |
| (E) Map Light | | | | | | |
| (F) Underhood Light | | | | | | |
| (G) Headlight Warning Buzzer | | | | | | |
| Malibu Coupe: | | | | | | |
| Without CA1 sky roof—Includes A, B, C, D, E, F & G | ZJ9 | | | | | 28.50 |
| With CA1 sky roof—Includes A, B, C, D, F & G | ZJ9 | | | | | 23.50 |
| Malibu Sedan—Includes A, B, C, D, E, F & G | ZJ9 | | | | | 28.50 |
| Malibu Classic Coupes: | | | | | | |
| Without CA1 sky roof—Includes A, B, D, E, F & G | ZJ9 | | | | | 26.00 |
| With CA1 sky roof—Includes A, B, D, F & G | ZJ9 | | | | | 21.00 |
| Malibu Classic Sedan—Includes A, B, D, E, F & G | ZJ9 | | | | | 26.00 |
| Mats, Color-Keyed Floor: 2 front and 2 rear | B37 | | | | | 14.00 |
| Mirrors: | | | | | | |
| <i>Outside Rearview, LH Remote-Control</i> Included with DF3 mirrors | D33 | | | | | 14.00 |
| <i>Outside Rearview, LH and RH Remote-Control.</i> Includes D33 mirror | DF3 | | | | | 41.00 |
| <i>Sport.</i> Body-colored LH remote-control and RH manual mirrors. Standard on Z03 Landau | D35 | | | | | 27.00 |
| <i>Sport. Twin Remote.</i> Body-colored Malibu Classic Landau | D68 | | | | | 19.00 |
| Malibu and Malibu Classic | D68 | | | | | 46.00 |
| Visor Vanity | D34 | | | | | 3.00 |
| Moldings: | | | | | | |
| <i>Body Side.</i> Includes vinyl insert | B84 | | | | | 38.00 |
| <i>Door Edge Guard.</i> Coupes | B93 | | | | | 7.00 |
| Sedans | B93 | | | | | 11.00 |
| Paints, Exterior: | | | | | | |
| <i>Solid</i> | | | | | | NO ADDITIONAL CHARGE |
| <i>Two-Tone.</i> Includes bright metal outline moldings | | | | | | 31.00 |
| Radiator: Heavy-Duty. | | | | | | |
| 6-Cylinder | V01 | | | | | 15.00 |
| 8-Cylinder | V01 | | | | | 22.00 |
| Radio Equipment: Pushbutton. | | | | | | |
| AM Radio | U63 | | | | | 69.00 |
| AM /FM Radio | U89 | | | | | 135.00 |
| AM /FM /Stereo Radio | U58 | | | | | 233.00 |
| Stereo Tape System with AM Radio | UM1 | | | | | 199.00 |
| Stereo Tape System with AM /FM /Stereo Radio | UM2 | | | | | 353.00 |
| Speaker, Rear Seat | U80 | | | | | 19.00 |
| Roof Cover, Vinyl: Standard on Z03 Landau. Malibu includes outline and roof drip moldings | | | | | | |
| | | | | | | 96.00 |
| Seat, Power: <i>Electric, 6-way control.</i> Front seat | A42 | | | | | 113.00 |
| Sky Roof: Sliding metal top. Electric | CA1 | | | | | 350.00 |
| Speed Control: Cruise-Master | K30 | | | | | 69.00 |
| Steering, Power: Variable-Ratio. Standard with V8 engine or L22 250-1 BBL L6 engine with C60 air conditioning | N41 | | | | | 129.00 |
| Steering Wheels: | | | | | | |
| <i>Comfort</i> | N33 | | | | | 49.00 |
| <i>Sport</i> | N31 | | | | | 15.00 |
| Suspension Equipment: | | | | | | |
| <i>Suspension, Radial Tuned</i> | FEB | | | | | WILL ADVISE |
| <i>Suspension, Special.</i> Front and Rear. Includes special front and rear springs and matching shock absorbers. Without GR70 or HR70 radial tires | F40 | | | | | 17.00 |
| With GR70 or HR70 radial tires | F40 | | | | | NO ADDITIONAL CHARGE |

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
 † D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.
 ○ State and local taxes not included.

CHEVELLE MALIBU OR MALIBU CLASSIC COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1975 Vehicles

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price◇ |
|--|---------------|------------------------|--------------|--------------|------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION | | | | | | |
| Tires: | | | | | | |
| 6-Cylinder Malibu and Malibu Classic except Malibu Classic Landau. | | | | | | |
| FR78-15 /B Steel Belted Radial Ply Blackwall (Standard) | QBU | | | | | NO ADDITIONAL CHARGE |
| FR78-15 /B Steel Belted Radial Ply White Stripe | QBW | | | | | 33.00 |
| 8-Cylinder Malibu and Malibu Classic except Malibu Classic Landau. | | | | | | |
| GR78-15 /B Steel Belted Radial Ply Blackwall (Standard) | QCF | | | | | NO ADDITIONAL CHARGE |
| GR78-15 /B Steel Belted Radial Ply White Stripe | QDR | | | | | 35.00 |
| HR78-15 /B Steel Belted Radial Ply Blackwall | QDU | | | | | 37.55 |
| HR78-15 /B Steel Belted Radial Ply White Stripe | QEL | | | | | 75.55 |
| The following radial tires include sport suspension. | | | | | | |
| GR70-15 /B Steel Belted Radial Ply Blackwall | QBX | | | | | 51.55 |
| GR70-15 /B Steel Belted Radial Ply White Stripe | QCX | | | | | 66.85 |
| GR70-15 /B Steel Belted Radial Ply White Lettered | QCY | | | | | 99.85 |
| HR70-15 /B Steel Belted Radial Ply Blackwall | QCP | | | | | 89.35 |
| HR70-15 /B Steel Belted Radial Ply White Stripe | QCN | | | | | 127.35 |
| HR70-15 /B Steel Belted Radial Ply White Lettered | QCV | | | | | 140.35 |
| 6-Cylinder Malibu Classic Landau | | | | | | |
| FR78-15 /B Steel Belted Radial Ply White Stripe (Standard) | QBW | | | | | NO ADDITIONAL CHARGE |
| 8-Cylinder Malibu Classic Landau | | | | | | |
| GR78-15 /B Steel Belted Radial Ply White Stripe (Standard) | QDR | | | | | NO ADDITIONAL CHARGE |
| HR78-15 /B Steel Belted Radial Ply White Stripe | QEL | | | | | 40.55 |
| The following radial tires include sport suspension. | | | | | | |
| GR70-15 /B Steel Belted Radial Ply White Stripe | QCX | | | | | 51.55 |
| GR70-15 /B Steel Belted Radial Ply White Lettered | QCY | | | | | 64.85 |
| HR70-15 /B Steel Belted Radial Ply White Stripe | QCN | | | | | 92.35 |
| HR70-15 /B Steel Belted Radial Ply White Lettered | QCV | | | | | 105.35 |
| Transmissions: | | | | | | |
| 3-Speed Manual | M15 | | | | | NO ADDITIONAL CHARGE |
| Turbo Hydra-matic | M40 | | | | | 235.00 |
| Trim, Interior: | | | | | | |
| Cloth Bench Seat | | | | | | NO ADDITIONAL CHARGE |
| Vinyl Bench Seat | | | | | | 19.00 |
| Strato-bucket Front Seats. Swing-out Type. | | | | | | |
| Malibu | | | | | | 133.00 |
| Malibu Classic | | | | | | 97.00 |
| Wheel Trim: | | | | | | |
| Bright Metal Wheel Covers. Standard on Z03 Landau | P01 | | | | | 30.00 |
| Rally Wheels. Includes styled wheels, special hub caps and trim rings. | | | | | | |
| Without Z03 Landau | ZJ7 | | | | | 46.00 |
| With Z03 Landau | ZJ7 | | | | | 16.00 |
| Wire Wheel Covers. | | | | | | |
| Without Z03 Landau | N95 | | | | | 89.00 |
| With Z03 Landau | N95 | | | | | 59.00 |
| Windows, Power: Electric. | | | | | | |
| Coupes | A31 | | | | | 91.00 |
| Sedans | A31 | | | | | 132.00 |
| Windshield Wiper System: Intermittent | CD4 | | | | | 26.00 |

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
 † D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.
 ◇ State and local taxes not included.

MALIBU, MALIBU CLASSIC AND MALIBU CLASSIC ESTATE WAGONS

1975 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with production of 1975 Vehicles

| Description | Model Number | Body Code | Wheel-base | Dealer Invoice Amount* | Dealer Price | Factory D&Hs | List Price | Mfr's Suggested Retail Price | Destination Charge & Group Number | Total |
|-------------------------------|--------------|-----------|------------|------------------------|--------------|--------------|------------|------------------------------|-----------------------------------|-------|
| ◆ 8-Cylinder Engine | | | | | | | | | | |
| Malibu | | | | | | | | | | |
| 4-Door Station Wagon—2-Seat.. | 1A35 | — | 116" | | | | | 4331.30 | 7 | |
| 4-Door Station Wagon—3-Seat.. | 1A35 | AQ4 | 116" | | | | | 4476.30 | 7 | |
| Malibu Classic | | | | | | | | | | |
| 4-Door Station Wagon—2-Seat.. | 1A35 | — | 116" | | | | | 4569.30 | 7 | |
| 4-Door Station Wagon—3-Seat.. | 1A35 | AQ4 | 116" | | | | | 4714.30 | 7 | |
| Malibu Classic Estate | | | | | | | | | | |
| 4-Door Estate Wagon—2-Seat.. | 1A35 | — | 116" | | | | | 4761.30 | 7 | |
| 4-Door Estate Wagon—3-Seat.. | 1A35 | AQ4 | 116" | | | | | 4906.30 | 7 | |

* Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, options or accessories.
 ◆ Refer to Dealer Order Guide for California Requirements.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1975 Vehicles

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&Hs | List Price | Mfr's Suggested Retail Price◇ |
|---|---------------|------------------------|--------------|--------------|------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION | | | | | | |
| Air Conditioning: Four Season. Includes K76 61-amp generator and increased cooling. | C80 | | | | | 450.00 |
| Air Deflector, Rear Window | C51 | | | | | 22.00 |
| Axle, Positraction Rear | G80 | | | | | 49.00 |
| Axle Ratios: | | | | | | |
| <i>High Altitude</i> | G92 | | | | | 12.00 |
| <i>Highway</i> | G95 | | | | | 12.00 |
| Battery, Heavy-Duty: 15-plate, 80-amp-hr. Included with LS4 454-4 BBL engine | UA1 | | | | | 15.00 |
| Belts, Custom Deluxe Seat and Shoulder: Includes brushed metal buckles and color-keyed belts. (Standard belts and plastic buckles are black) | | | | | | |
| REPLACING STANDARD NUMBER OF BELTS | | | | | | |
| 2-Seat Wagons. | | | | | | |
| With bench seat—6 seat and 2 front shoulder | AK1 | | | | | 18.00 |
| With bucket seats—6 seat and 2 front shoulder | AK1 | | | | | 14.50 |
| 3-Seat Wagons. | | | | | | |
| With bench seat—8 seat and 2 front shoulder | AK1 | | | | | 19.00 |
| With bucket seats—7 seat and 2 front shoulder | AK1 | | | | | 17.50 |
| Bumper Equipment: Front and Rear. | | | | | | |
| Bumpers, Deluxe. Includes black resilient impact strips | VE5 | | | | | 27.00 |
| Guards, Bumper | V30 | | | | | 17.00 |
| California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California | | | | | | |
| | YF5 | | | | | 45.00 |
| Carrier, Roof: Includes adjustable end rail and wood-grained accents. Upper rails and supports shipped loose for dealer installation. | | | | | | |
| | V55 | | | | | 65.00 |
| Clock, Electric | U35 | | | | | 18.00 |
| Console: Includes compartment. Shift lever mounted on console. | D55 | | | | | 68.00 |

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 † D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.
 ◇ State and local taxes not included.

MALIBU, MALIBU CLASSIC AND MALIBU CLASSIC ESTATE WAGONS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1976 Vehicles

| Description | Option Number | Dealer Invoice Amount* | Dealer Price | Factory D&H† | List Price | Mfr's Suggested Retail Price◇ |
|---|---------------|------------------------|--------------|----------------------|------------|-------------------------------|
| REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION | | | | | | |
| Container, Litter: Color-Keyed | D24 | | | | | 5.00 |
| Defogger, Rear Window: Forced-Air | C50 | | | | | 45.00 |
| Door Lock System, Power: Electric | AU3 | | | | | 82.00 |
| Engines: (Refer to Dealer Order Guide for California Requirements) | | | | | | |
| 350-2 BBL V8 | L65 | | | NO ADDITIONAL CHARGE | | |
| 350-4 BBL V8 | LM1 | | | | | 54.00 |
| 400-4 BBL V8 | LT4 | | | | | 113.00 |
| 454-4 BBL V8. Includes UA1 HD battery | LS4 | | | | | 285.00 |
| Exterior Decor: Includes headlight housing, roof drip and wheel opening moldings | YJ9 | | | | | 50.00 |
| Floor Covering: | | | | | | |
| <i>Carpeting, Removable Load Floor</i> | B44 | | | | | 40.00 |
| <i>Mats, Color-Keyed Floor. 2 front and 2 rear</i> | B37 | | | | | 14.00 |
| Generator, 61-Amp Delcotron: Included with C60 Air Conditioning | K76 | | | | | 26.00 |
| Glass, Soft-Ray Tinted: All windows | AO1 | | | | | 48.00 |
| Horns, Dual | U05 | | | | | 4.00 |
| Instrumentation: Econominder Gauge Package | UF7 | | | | | 42.50 |
| Lighting, Auxillary: | | | | | | |
| (A) Ashtray Light | | | | | | |
| (B) Courtesy Lights | | | | | | |
| (C) Glove Compartment Light | | | | | | |
| (D) Map Light | | | | | | |
| (E) Underhood Light | | | | | | |
| (F) Luggage Compartment Light | | | | | | |
| (G) Headlight Warning Buzzer | | | | | | |
| Malibu—Includes A, B, C, D, E, F & G | | | | | | |
| 2-Seat Wagons | ZJ8 | | | | | 36.00 |
| 3-Seat Wagons | ZJ9 | | | | | 26.00 |
| Malibu Classic and Classic Estate— Includes A, B, D, E, F & G | | | | | | |
| 2-Seat Wagons | ZJ9 | | | | | 32.50 |
| 3-Seat Wagons | ZJ9 | | | | | 22.50 |
| Mirrors: | | | | | | |
| <i>Rearview, LH and RH Outside Remote-Control. Includes D33 mirror</i> | DF3 | | | | | 41.00 |
| <i>Rearview, LH Outside Remote-Control. Included with DF3 mirrors</i> | D33 | | | | | 14.00 |
| <i>Sport. Body-colored LH remote-control and RH manual mirrors</i> | D35 | | | | | 27.00 |
| <i>Sport, Twin Remote. Body-colored.</i> | D68 | | | | | 46.00 |
| <i>Visor Vanity</i> | D34 | | | | | 3.00 |
| Moldings: | | | | | | |
| <i>Body Side. Includes vinyl insert.</i> | B84 | | | | | 38.00 |
| <i>Door Edge Guard</i> | B93 | | | | | 11.00 |
| Paints, Exterior: Solid | | | | NO ADDITIONAL CHARGE | | |
| Radiator, Heavy-Duty | VO1 | | | | | 22.00 |
| Radio Equipment: Pushbutton. | | | | | | |
| AM Radio | U63 | | | | | 69.00 |
| AM /FM Radio | U69 | | | | | 135.00 |
| AM /FM Stereo Radio | U58 | | | | | 233.00 |
| Stereo Tape System with AM Radio | UM1 | | | | | 199.00 |
| Stereo Tape System with AM /FM Stereo Radio | UM2 | | | | | 363.00 |
| Speaker, Rear Seat | U80 | | | | | 19.00 |
| Seat, Power: Electric. 6-way control. Front seat | A42 | | | | | 113.00 |
| Speed Control: Cruise-Master | K30 | | | | | 69.00 |
| Steering Wheels: | | | | | | |
| <i>Comfortilt</i> | N33 | | | | | 49.00 |
| <i>Sport</i> | N31 | | | | | 15.00 |

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.

† D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

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GENERAL

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MODEL IDENTIFICATION

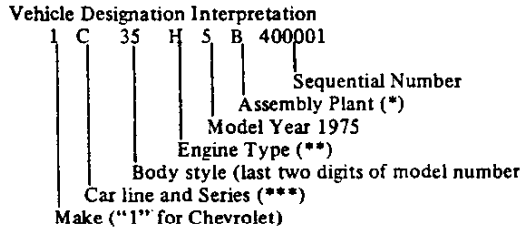
| BODY | SERIES NAME | BODY STYLE | MODEL DESIGNATION | PASS. OR SEATS |
|-------|-----------------------|-------------------------------|-------------------|----------------|
| A-CAR | MALIBU | 4-Dr. Colonnade Hardtop Sedan | 1AC29 | 6 |
| | | 2-Dr. Colonnade Hardtop Coupe | 1AC37 | 6 |
| | | 4-Dr. Station Wagon | 1AC35 | 2-Seat* |
| | MALIBU CLASSIC | 4-Dr. Colonnade Hardtop Sedan | 1AD29 | 6 |
| | | 2-Dr. Colonnade Hardtop Coupe | 1AD37 | 6 |
| | | 4-Dr. Station Wagon | 1AD35 | 2-Seat* |
| | MALIBU CLASSIC ESTATE | 4-Dr. Station Wagon | 1AG35 | 2-Seat* |
| | EL CAMINO | 2-Dr. Sedan Pickup | 1AC80 | 3 |
| | EL CAMINO CLASSIC | 2-Dr. Sedan Pickup | 1AD80 | 3 |

* Third seat available as RPO AQ4 station wagons.

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER



*B - Baltimore-GMAD R - Arlington-GMAD
 D - Doraville-GMAD Z - Fremont-GMAD
 Canadian Plant
 No. 1 Oshawa

**D - L6-250 (105 H.P.) U - V8-400 (175 H.P.)
 H - V8-350 (145 H.P.) Y - V8-454 (215 H.P.)
 L - V8-350 (155 H.P.)

***C - Malibu Models G - Malibu Classic Estate
 D - Malibu Classic Models

EXAMPLE: The twenty-fifth Chevelle vehicle built at GMAD Baltimore if it were a 1AC35 model (Malibu Station Wagon) with a (V8-350, 145 H.P.) engine would bear VIN Number 1C35H5B400025.

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

TRANSMISSION IDENTIFICATION

Example: S5E01

| Type Designation | Source Designation | Model Year | Production ^o Month & Date |
|------------------|--------------------|------------|--------------------------------------|
| CH | S (Muncie) | 1975 | 5 E01D* |

| | | | |
|----|-------------------|-------------|-----------------------------|
| CH | 3-Speed | L-6 engine | S - Muncie |
| DM | 3-Speed | V-8 engines | S - Muncie |
| DE | Turbo Hydra-matic | L-6 engine | B - Cleveland Y - Toledo |
| HB | Turbo Hydra-matic | V-8 engine | B - Cleveland Y - Toledo |
| CF | Turbo Hydra-matic | V-8 engine | H - Ypsilanti |

Location:
 3-Speed Stamped on left side just below cover.
 4-Speed Stamped on the right side of the case at adapter.
 Turbo Hydra-matic (Chevrolet) Stamped on left hand side of pan.
 Turbo Hydra-matic Nameplate tag on right hand side of the case.

^oMonth: 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, on automatic only.

ENGINE IDENTIFICATION

Example: F1210CJU

| Source Designation | Production* Month & Date | Type Designation |
|--------------------|--------------------------|------------------|
| F (Flint) | 1210 | CJU |

Turbo-Thrift 250, 250 Cubic Inch L-6, Base Engine

CJU - Regular engine, 3-speed
 CJT - Regular engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 350, 350 Cubic Inch V-8, (RPO L65)

CMU - Regular engine, 3-speed
 CRX - Regular engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 350, 350 Cubic Inch V-8 (RPO LM1)

CRT - Optional engine, 3-speed, 4-bbl. carb.
 CRU - Optional engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 400, 400 Cubic Inch V-8 (RPO LT4)

CTL - Optional engine, Turbo Hydra-matic (Chevrolet)

Turbo-Jet 454, 454 Cubic Inch V-8 (RPO LS4)

CSW - Optional engine, Turbo Hydra-matic, 4-bbl. carb.

Location:

6-cylinder engine Stamped on pad on right side of cylinder block to rear of distributor
 8-cylinder engine Stamped on pad at front right side of cylinder block

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

REAR AXLE IDENTIFICATION

CH - 2.56 Axle
 CC - 2.72 Axle
 CD - 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

| | MALIBU | MALIBU CLASSIC |
|--|----------|------------------|
| <u>FRONT</u> | | |
| Radiator Grille – Chrome Plate, Die Cast Metal | X | X |
| Radiator Grille Bright Outline Moldings | X | X |
| Painted Headlamp Bezels | X | |
| Bright Headlamp Bezels | | X |
| Parking Lamp in Front Bumpers – Amber Lens and White Bulb | X | X |
| Bright Hood Molding (at Cowl) | X | X |
| Bright Windshield Reveal Molding | X | X |
| Depressed Park Windshield Wipers with articulated Left Blade | X | X |
| Radiator Grille Header Nameplate – “Chevelle” | X | X |
| Header Panel Ornament | | X |
| <u>SIDE</u> | | |
| Lower Body Side Molding | | X |
| Front Fender Nameplate | “Malibu” | “Malibu Classic” |
| Bright Head Belt Molding | X | X |
| Bright Rear View Mirror – LH | X | X |
| Bright Door Corner Moldings | X | X |
| Bright Aluminum Hub Caps | X | X |
| Body Color Wheels | X | X |
| Front Marker Lamp, Amber Lens with Clear Bulb and Body Color Bezel | X | X |
| Rear Marker Lamp, Red Lens and Body Color Bezel | X | X |
| Roof Drip Moldings | | X |
| Wheel Opening Moldings | | X |
| <u>REAR</u> | | |
| Rear Body Panel Nameplate – “Chevelle” | X | X |
| Right Rear Window Reveal Molding | X | X |
| Argent Tail Lamp Rings | X | |
| Bright Tail Lamp Rings | | X |
| Single Mounted Tail Lamps on Body Rear Panel | X | X |
| Rear Right Hand Quarter Extension Panel Nameplate – “Chevrolet” | X | X |

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

| | MALIBU | MALIBU CLASSIC | MALIBU CLASSIC ESTATE |
|---|----------|---------------------|-----------------------------|
| FRONT | | | |
| Radiator Grille Chrome Plate, Die Cast | X | X | X |
| Bright Radiator Grille Outline Molding | X | X | X |
| Bright Headlamp Bezels | X | X | X |
| Bright Hood Molding (at Cowl) | X | X | X |
| Bright Windshield Reveal Molding | X | X | X |
| Radiator Grille Header Nameplate - "Chevelle" | X | X | X |
| Depressed Park Windshield Wipers with Articulated Left Blade | X | X | X |
| Parking Lamps in Bumpers - Amber Lens, White Bulb | X | X | X |
| Header Panel Ornament | | X | X |
| SIDE | | | |
| Bright Belt Bead Molding | X | X | X |
| Bright Rear View Mirror - LH | X | X | X |
| Bright Hub Caps | X | X | X |
| Bright Lift Bar Door Handles | X | X | X |
| Bright Door Corner Molding | X | X | X |
| Body Color Wheels | X | X | X |
| Bright Quarter Reveal Moldings | X | X | X |
| Fender Nameplate - Bright | "Malibu" | "Malibu Classic" | "Malibu Classic" |
| Front Marker Lamp, Amber Lens w/Clear Bulb and Body-Color Bezels | X | X | X |
| Rear Marker Lamp, Red Lens and Body-Color Bezel | X | X | X |
| Rocker Panel Lower Body Side Molding | | X | |
| Body Side Wood-Grain Surface | | | X |
| Wheel Opening Moldings | | X | X |
| Bright Body Side Molding Surrounding Wood-Grain | | | X |
| Roof Drip Moldings | | X | X |
| Rear Quarter Panel Nameplate | | | "Estate" |

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

| <u>REAR</u> | <u>MALIBU</u> | <u>MALIBU CLASSIC</u> | <u>MALIBU CLASSIC ESTATE</u> |
|--|---------------|---------------------------|--------------------------------------|
| Liftgate Nameplate - "Chevrolet" | X | X | X |
| Liftgate Window Reveal Molding | X | X | X |
| Bright Liftgate Handle | X | X | X |
| Tail Lamps Mounted in Bumper | X | X | X |
| Backup Lamps Mounted in Bumper - Inboard of Tail Lamps | X | X | X |
| Bright Liftgate Molding | | | X |
| Wood-Grain Surface | | | X |

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT EL CAMINO

| <u>FRONT</u> | <u>EL CAMINO</u> | <u>CLASSIC</u> |
|--|------------------|----------------|
| Radiator Grille – Chrome Plated, Die Cast | X | X |
| Bright Radiator Grille Outline Moldings | X | X |
| Painted Headlamp Bezels | X | |
| Bright Headlamp Bezels | | X |
| Parking Lamps in Bumper | X | X |
| Radiator Grille – Header Emblem | X | X |
| Bright Hood Molding (at Cowl) | X | X |
| Bright Windshield Reveal Molding | X | X |
| Depressed Park Windshield Wipers with Articulated Left Blade | X | X |
| | | |
| <u>SIDE</u> | | |
| Front Fender Nameplate – “El Camino” | X | X |
| Bright Belt Bright Bead Molding | X | X |
| Bright LH Outside Rear View Mirror | X | X |
| Bright Hub Caps | X | X |
| Bright Lift Bar Door Handles | X | X |
| Bright Door Corner Molding | X | X |
| Body Color Wheels | X | X |
| Lower Body Side Molding | | X |
| Front Fender Nameplate “Classic” | | X |
| Wheel Opening Moldings | | X |
| Roof Drip Moldings | | X |
| | | |
| <u>REAR</u> | | |
| Tailgate Nameplate “El Camino” with Chevrolet “Bow Tie” | X | X |
| Tail and Backup Lamps Bumper Mounted | X | X |
| Bright Rear Window Reveal Molding | X | X |
| Bright Roof, Load Compartment and Tailgate Moldings | X | X |

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

| ROOF AND PILLARS | MALIBU | MALIBU CLASSIC |
|--|--------|-------------------|
| Headlining— Perforated Vinyl Coated | X | X |
| Sail Finish Panel — Matching Headlining | X | X |
| Vinyl Finish Lace — Windshield Header, Roof Side Rail, Rear Quarter Window and Rear Window | X | X |
| Rear Window Escutcheon — Plastic | X | X |
| Padded Sunshades (Short, Narrow Type) — Matching Headlining | X | X |
| Bright Sunshade Hinge Bezel | X | X |
| Windshield — Cemented Rear View Mirror — 12-inch Prismatic with Black Padded Edge, Black Support | X | X |
| Dome Lamp — White Lens, Argent Bezel | X | X |
| Windshield Pillar Garnish Moldings — Painted Metal (Air Gap type) | X | X |
| Shoulder Belt Anchor Cover — Plastic | X | X |
| Coat Hooks — Vinyl | X | X |
| Package Shelf — Embossed Board | X | X |
| Center Pillar Cover — Plastic | 29 | 29 |
| Door Opening Windlace — Vinyl | X | X |
| Front Door Jamb Switches | X | X |

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

| SEATS AND FLOOR COVER | MALIBU | MALIBU CLASSIC |
|---|--------|-------------------|
| Front Bench Seat with Foam Pad Cushion | X | X |
| Seat Adjuster Handle - Black | X | X |
| Black Folding Seat Backrest Latch and Bezel | 37 | 37 |
| Fold Down Center Armrest | | X |
| Vinyl Trimmed Head Restraints - Adjustable | X | X |
| Rear Seat Cushion - Foam Pad | X | X |
| Seat Backrest to Quarter Panel Filler - Painted Textured Metal | X | X |
| Two Black Front Seat Shoulder Belts | X | X |
| Three Black Front Seat Lap Belts (Two for Laguna) | X | X |
| Three Black Rear Seat Lap Belts | X | X |
| Front Seat Outboard Lap Belt Retractor Covers | X | X |
| Color-Keyed Cut Pile Carpet in Passenger Compartment | X | X |
| Luggage Compartment Spatter Paint | X | X |
| Luggage Compartment - Foam Backed Vinyl Mat | X | X |
| Front Seat Back Ash Tray | 29 | 29 |
| DOOR AND QUARTER PANEL | | |
| Rear Quarter Finish Panel - Plastic | 29 | 29 |
| All-Vinyl Door and Quarter Trim Panels | X | |
| Vinyl and Cloth Door and Quarter Trim Panels | | X |
| Front Door Padded Armrest | X | X |
| Rear Door Padded Armrest | 29 | 29 |
| Rear Quarter Armrest | 37 | 37 |
| Bright Door Lock Buttons - Plastic | X | X |
| Clear Vinyl Window Control Handle Knobs | X | X |
| Black Cowl Ventilation Control Knobs | X | X |
| Black Ventilation Control Knobs | X | X |
| Cowl Kick-Pads - Plastic | X | X |
| Door Sidewall Series Nameplate | X | |
| Ash Tray in Rear Part of Door Arm Rest | 37 | 37 |

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

| <u>INSTRUMENT PANEL AND STEERING COLUMN</u> | <u>MALIBU</u> | <u>MALIBU CLASSIC</u> |
|--|---------------|-----------------------|
| General Cluster Lighting – Blue Tint | X | X |
| Glove Compartment Light | | X |
| Warning Lights – Temperature, Generator, Oil Pressure, Brakes, Seat Belts | X | X |
| Indicators – Hi-Beam, Turn Signal and Hazard Flashers | X | X |
| Two-Speed W/S Wiper and Washer – Slide Type, Depress to Wash, Bright Knob, Switch Illuminated | X | X |
| Ash Tray | X | X |
| Heater – Slide Type Controls, Bright Knobs, Illuminated | X | X |
| Light Switch – Black Soft Symbol Knob | X | X |
| Cigarette Lighter – Black Knob | X | X |
| 100 MPH (160 KPH) Speedometer – Odometer | X | X |
| Fuel Gauge (“Unleaded Fuel Only”) | X | X |
| Glove Compartment Door Lock | X | X |
| Black “T” Handle Parking Brake Release | X | X |
| Black “T” Handle Interior Hood Release | X | X |
| Trim Color Instrument Panel Pad | X | X |
| Clock Hole Cover Plate | X | X |
| Black Color Steering Wheel, Column and Instrument Cluster | X | |
| Color Keyed Steering Wheel, Column and Instrument Cluster | | X |
| Wood Grain on Instrument Cluster | | X |
| Soft Vinyl Steering Wheel and Shroud with Wood Grain Insert and “Chevrolet” Nameplate | X | X |
| Black Hazard Flasher Knob | X | X |
| Black Soft Turn Signal and Shift Lever Knobs | X | X |
| Steering Column Ignition Switch with Integral Steering and Transmission Lock | X | X |
| Plastic Cowl Kick Pads | X | X |
| Instrument Panel Nameplates | X | X |
| <u>GLASS</u> | | |
| Laminate Safety Plate Glass Windshield (Thin Design) | X | X |
| Safety Solid Tempered Plate Side Glass | X | X |
| Safety Solid Tempered Plate Rear Window | X | X |

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

| <u>ROOF AND PILLARS</u> | <u>MALIBU</u> | <u>MALIBU CLASSIC</u> | <u>MALIBU CLASSIC ESTATE</u> |
|---|---------------|---------------------------|--------------------------------------|
| Headlining - Non Perforated, Vinyl coated | X | X | X |
| Vinyl Finish Lace - Windshield Header, Roof Side Rail, Rear Quarter Window & Rear Window | X | X | X |
| Padded Sunshades (Short, Narrow Type) Matching Headlining | X | X | X |
| Bright Sunshade Hinge Bezel | X | X | X |
| Windshield Cemented Rear View Mirror - 12-inch Prismatic with Black Padded Edge, Black Support | X | X | X |
| Dome Lamp - White Lens, Argent Bezel | X | X | X |
| Windshield Pillar Garnish Moldings - Plastic | X | X | X |
| Shoulder Belt Anchor Cover - Plastic | X | X | X |
| Coat Hooks - Vinyl | X | X | X |
| Center Pillar Cover - Plastic | X | X | X |
| Lock Pillar Cover - Plastic | X | X | X |
| Liftgate Pillar and Escutcheon - Painted Metal | X | X | X |
| Additional Roof Insulation | X | X | X |
| Front Door Jamb Switches | X | X | X |

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

| | MALIBU | MALIBU CLASSIC | MALIBU CLASSIC ESTATE |
|--|--------|-------------------|-----------------------------|
| <u>SEATS AND FLOOR COVERING</u> | | | |
| Front Bench Seat with Foam Padded Cushion | X | X | X |
| Fold Down Center Arm Rest | | X | X |
| Vinyl Trimmed Head Restraints - Adjustable | X | X | X |
| Second Seat Cushion - Foam Pad | X | X | X |
| Two Black Front Seat Shoulder Belts | X | X | X |
| Bright Folding Seat Backrest Latches | X | X | X |
| Three Black Front Seat Belts | X | X | X |
| Three Black Second Seat Belts | X | X | X |
| Front Seat Outboard Belt Retractor Covers | X | X | X |
| Color Keyed Cut Pile Floor Carpet | X | X | X |
| Color Keyed Vinyl Painted Textured Metal Load Floor | X | X | X |
| Black Fiber Mat in Floor Well | X | X | X |
| Additional Insulation Under Load Floor and In Stowage Well | X | X | X |
| Front Seat Back Ash Tray | X | X | X |
| <u>DOORS, QUARTER PANEL AND LIFTGATE</u> | | | |
| Rear Quarter Finish Panel - Plastic | X | X | X |
| Quarter Window Lower Reveal Molding and Escutcheon - Bright Metal | X | X | X |
| Vinyl and Cloth Doors | | X | X |
| Front Door Padded Armrest | X | X | X |
| Rear Door Padded Armrest | X | X | X |
| Bright Door Lock Buttons - Plastic | X | X | X |
| Clear Vinyl Window Control Handle Knobs | X | X | X |
| Black Cowl Ventilation Soft Control Knobs | X | X | X |
| Cowl Kick Pads - Plastic | X | X | X |
| Liftgate Panel - Vinyl Painted Textured Metal | X | X | X |
| Door Sidewall Series Nameplate | X | | |
| All Vinyl Door Panels | X | | |

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

| INSTRUMENT PANEL AND STEERING COLUMN | MALIBU | MALIBU CLASSIC | MALIBU CLASSIC ESTATE |
|---|--------|-------------------|-----------------------------|
| General Cluster Lighting – Blue Tint | X | X | X |
| Glove Compartment Light | | X | X |
| Warning Lights – Temperature, Generator, Oil Pressure, Brakes, Seat Belts | X | X | X |
| Indicators – Hi-Beam, Turn Signals and Hazard Flashers | X | X | X |
| Two Speed W/S Wiper and Washer – Slide Type, Depress to Wash – Bright Knob, Illuminated Switch | X | X | X |
| Ash Tray | X | X | X |
| Heater – Slide Type Controls, Bright Knobs, Illuminated | X | X | X |
| Light Switch – Black Soft Symbol Knob | X | X | X |
| Cigarette Lighter – Black Knob | X | X | X |
| 100 MPH (160 KPH) Speedometer – Odometer | X | X | X |
| Fuel Gauge (“Unleaded Fuel Only”) | X | X | X |
| Glove Compartment Door Lock | X | X | X |
| Black Parking Brake Release “T” Handle – White “Parking Brake” | X | X | X |
| Trim Color Instrument Panel Pad | X | X | X |
| Clock Hole Cover Plate | X | X | X |
| Trim Color Steering Wheel, Column and Instrument Cluster | | X | X |
| Black Steering Wheel, Column and Instrument Cluster | X | | |
| Wood Grain on Instrument Cluster | | X | X |
| Soft Vinyl Steering Wheel and Shroud with Wood Grain Insert Having “Chevrolet” Nameplate | X | X | X |
| Black Hazard Flasher Knob | X | X | X |
| Black Soft Turn Signal and Shift Lever Knobs | X | X | X |
| Steering Column Ignition Switch with Integral Steering and Transmission Lock | X | X | X |
| Black ‘Tee’ Handle Hood Release – White “Hood” | X | X | X |
| Instrument Panel Nameplate | X | X | X |
| GLASS | | | |
| Laminate Safety Plate Glass Windshield (Thin Design) | X | X | X |
| Safety Solid Tempered Plate Side Glass | X | X | X |
| Safety Solid Tempered Plate Rear Window | X | X | X |

INTERIOR EQUIPMENT

EL CAMINO INTERIOR EQUIPMENT

| | STANDARD | CLASSIC |
|---|----------|---------|
| <u>ROOF AND PILLARS</u> | | |
| Premier Vinyl Coated Headlining - Perforated | X | X |
| Trim Color Windshield, Rear Window Garnish, and Roof Rail Moldings | X | X |
| 12-inch Prismatic Rear View Mirror with Black Padded Edge | X | X |
| Black Painted Rear View Mirror Support | X | X |
| Padded Sunshades | X | X |
| Air Gap Windshield Pillars | X | X |
| Bright Bezeled Backlight Header Dome Lamp | X | X |
| Door Jamb Switches | X | X |
| Shoulder Belt Anchor Cover (Belt Color) | X | X |
| <u>DOOR AND QUARTER PANEL</u> | | |
| Door Padded Armrest | X | X |
| Plastic Window Control Handle Knobs | X | X |
| Bright Door Lock Buttons | X | X |
| All-Vinyl Door | X | |
| Vinyl and Cloth Door | | X |
| Simulated Wood Grain Insert on Door Panel | X | |
| Series Nameplate on Door Trim Panel | X | |
| Trim Color Shoulder Belt Retainers | X | X |
| Shoulder Belt Anchor Cover (Belt Color) | X | X |
| <u>SEATS AND FLOOR COVERING</u> | | |
| Seat Cushion with Foam Pad | X | X |
| Fold Down Center Armrest | | X |
| Black Folding Seat Back Latches | X | X |
| Black Seat Adjuster Handle | X | X |
| Carpet Passenger Compartment Floor Covering | X | X |
| Adjustable Head Restraints | X | X |
| Three Black Seat Belts | X | X |
| Two Black Shoulder Belts | X | X |
| Front Seat Outboard Lap Belt Retractor Covers (Belt Color) | X | X |
| <u>INSTRUMENT PANEL AND STEERING COLUMN</u> | | |
| Glove Compartment Light | | X |
| Heater Control Light | X | X |
| Temperature, Generator, Oil Pressure, Brake and Seat Belt Warning Lights | X | X |
| Hi-Beam and Turning Signal Indicators | X | X |
| Soft Black Cowl Ventilation | X | X |
| Two-Speed Windshield Wiper and Washer Switch (Slide Type, Depress to Wash) | X | X |
| Light Switch - Soft Black Symbol Knobs | X | X |
| Black Hazard Flasher Knob | X | X |
| Black Turn Signal and Transmission Shift Lever Knobs | X | X |
| Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock | X | X |
| Black Hood Release Handle with White "HOOD" on Handle | X | X |
| "T" Handle Parking Brake Release | X | X |
| Ash Tray | X | X |
| Cigarette Lighter - Black Knob | X | X |
| 100 MPH (160 KPH) Speedometer and Odometer | X | X |
| Trim Color Instrument Panel Pad | X | X |
| Soft Vinyl Steering Wheel and Shroud with Wood Grain Insert having "Chevrolet" Nameplate | X | X |
| Black Color Steering Wheel, Column and Instrument Cluster | X | |
| Color Keyed Steering Wheel, Column and Instrument Cluster | | X |
| Wood Grain Instrument Cluster | | X |
| Fuel Gauge ("Unleaded Fuel Only") | X | X |
| Instrument Panel Nameplate | X | X |
| <u>GLASS</u> | | |
| Laminated Safety Plate Glass Windshield | X | X |
| Solid Safety Plate Glass Backlight | X | X |
| Solid Safety Plate Glass Door Windows | X | X |

EXTRA COST EQUIPMENT

| EQUIPMENT | RPO | ACC. |
|--|-----|------|
| <u>MODEL OPTIONS</u> | | |
| "Classic Estate" (El Camino) (See page 19 for content) | BX3 | |
| 'SS' Option (El Camino) (See page 20 for content) | Z15 | |
| Station Wagon, 3rd Seat (See page 21 for content) | AQ4 | |
| Malibu Classic Landau (See page 22 for content) | Z03 | |
| <u>POWER TEAMS</u> | | |
| Turbo-Fire 350 V-8 (Federal only) | L65 | |
| Turbo-Fire 350 V-8 (California only) | LM1 | |
| Turbo-Fire 400 V-8 | LT4 | |
| Turbo-Jet 454 V-8 | LS4 | |
| Turbo Hydra-matic (used with L22, L65, LM1 and LT4) | M38 | |
| Turbo Hydra-matic (used with LS4) | M40 | |
| Axle, Positraction | G80 | |

EXTRA COST EQUIPMENT

| EQUIPMENT | RPO | ACC. |
|---|-----|------|
| POWER ASSISTS | | |
| Brakes, Power (Standard on Station Wagons) | J50 | |
| Liftgate Lock Release, Electric | AU6 | |
| Lock, Electric Door | AU3 | |
| Steering, Hydraulic | N41 | |
| Window Control, Electric | A31 | |
| Front Seat, Electric Control (exc. AN7) | A42 | |
| Sun Roof, Electric (Coupes only) | CA1 | |
| OTHER OPTIONS | | |
| Air Conditioning, Four-Season (See page 23 for content) | C60 | |
| Alarm, Theft | | X |
| Battery Blanket | | X |
| Battery, Heavy Duty | UA1 | |
| Bumper Guards, High Rise | | X |
| Belts, Deluxe Seat & Shoulder Harness (Color Keyed to Interior) | AK1 | |
| Bumper Impact Strips Front and Rear | VE5 | |
| Console, Front Compartment Floor | D55 | |
| Cap, Locking Gas Filler | | X |
| Carrier, Roof Luggage - Wagon | V55 | X |
| Clock, Electric | U35 | X |
| Compass | | X |
| Cover, Roof Luggage Carrier | | X |
| Container, Underseat Litter | | X |
| Container, Tunnel Litter and Tissue | | X |
| Decor Exterior | YJ9 | |
| Deflector, Rear Window Air (Wagon) | C51 | |
| Defogger, Rear Window (Forced Air) | C50 | |
| Dispenser, Tissue | | X |
| Extinguisher, Fire | | X |
| Extinguisher, Fire Refill | | X |
| Floor Mats, Color-Keyed - (2 Front, 2 Rear) Except El Camino - 2 Front only | B37 | X |
| Generator - 61 amp Delcotron | K76 | |
| Gauges, Instrument Panel | U14 | |
| Guards, Bumper Front and Rear | V30 | X |
| Guard, Vinyl Door Edge | | X |
| Guard, Door Edge Stainless Steel (N.A. Malibu Classic Estate) | B93 | X |
| Glass, Tinted - All Windows | A01 | |
| Glass, Tinted - W/S Only (Fleet Use) | A02 | |

EXTRA COST EQUIPMENT

| EQUIPMENT | RPO | ACC. |
|--|-----|------|
| <u>OTHER OPTIONS</u> | | |
| Harness, Trailering Wiring | | X |
| Hitch, Trailering, Equalizing Type | | X |
| Hitch, Trailering - 2000 Lb. Class | | X |
| Heater, Engine Block | | X |
| Heater, Lower Hose | | X |
| Highway Emergency Kit | | X |
| Horns, Dual | U05 | |
| Lighting, Auxiliary | ZJ9 | |
| Courtesy Lights | | |
| Glove Compartment Light | | X |
| Luggage Compt. Light (Except Wagon and Pickup) | | X |
| Ash Tray Light | | X |
| Underhood Light | | X |
| Map Light (Not available on CA1) | | X |
| Headlamp on "Buzzer" | | X |
| Light, Rear Door Jamb Switch - 4-Door Sedan | | X |
| Litter Container | D24 | |
| Mirror, RH | | X |
| Mirrors, LH & RH Sport Outside Rear View Mirrors (Remote Control) | D68 | |
| Mirror, RH Outside Rear View - D33 Required (Remote Control) | DF3 | |
| Mirror, L.H. Outside Remote Control Rear View | D33 | X |
| Mirror Sport Outside, Body Color, LH Remote Control & RH Manual Control | D35 | |
| Mirror, Trailering - Fender Clamp | | X |
| Mirror, Visor Vanity | D34 | X |
| Molding, Body Side (Except 1AG35) | B84 | |
| Molding, Protective Body Side (5 Colors) Vinyl Insert | | X |
| Radiator, Heavy Duty | V01 | |
| Radio Equipment: Radios, Pushbutton - Includes concealed w/s antenna. | | |
| AM Radio | U63 | X |
| AM/FM Radio | U69 | X |
| AM/FM/Stereo Radio | U58 | X |
| Stereo Tape System with AM Radio | UM1 | X |
| Stereo Tape System with AM/FM/Stereo Radio | UM2 | X |
| Speaker, Rear Seat | U80 | X |
| Radio, Citizens Band | | X |
| Roof Cover, Vinyl | C09 | |
| Retainer, Seat Belt Buckle | | X |
| Seat Contour Bucket, Special - 90° Swivel (Not available on 1AC, 1AD29) | AN7 | |
| Seat, Child Safety | | X |
| Seat, Infant Safety | | X |
| Ski Rack, Roof Top | | X |
| Spotlight, Hand | | X |
| Space Saver Spare, Wheel and Tire (Models 29 and 37) | N65 | |

EXTRA COST EQUIPMENT

| <u>EQUIPMENT</u> | <u>RPO</u> | <u>ACC.</u> |
|---|------------|-------------|
| <u>OTHER OPTIONS</u> | | |
| Speed Control, Cruise | K30 | |
| Steering Wheel, Comfortilt | N33 | |
| Suspension, Radial Tuned | FE8 | |
| Suspension, H.D. Front and Rear (all except station wagons) | F40 | |
| Special Performance Front and Rear Suspension | F41 | |
| Two-Tone Finish (all except station wagons) | D99 | |
| Warmer, Interior Car | | X |
| Wheel Covers, Wire | N95 | X |
| Wheel Trim Covers, Full | P01 | X |
| Windows, Rear Quarter Swing-Out (station wagons) | A20 | |
| <u>FACTORY INSTALLED REGULAR PRODUCTION TIRES</u> | | |
| GR 78 x 15 Radial Ply Tire Blackwall | QCF | |
| GR 78 x 15 Radial Ply Tire Whitewall | QDR | |
| HR 70 x 15 Radial Ply Tire Whitewall - Wagon and El Camino | QCN | |
| HR 70 x 15 Radial Ply Tire Blackwall - Wagon | QCP | |
| GR 70 x 15 Radial Ply Tire White Lettered - El Camino | QCY | |
| HR 78 x 15 Radial Ply Tire Whitewall - Wagon | QEL | |
| FR 78-15 Radial Ply Blackwall | QBU | |
| FR 78-15 Radial Ply Whitewall | QBW | |
| GR 70-15 Radial Ply Blackwall | OBX | |
| GR 70-15 Radial Ply Whitewall | QCX | |
| HR 78-15 Radial Ply Blackwall | QDU | |
| HR 70-15 Radial Ply White Letter | QCV | |

EL CAMINO CLASSIC "ESTATE" RPO BX3

CONTENT OF EL CAMINO CLASSIC "ESTATE" (RPO BX3)

MODEL AVAILABILITY

El Camino (1AD80)

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

Body - Exterior

Body side wood-grain surface
Bright body side molding surrounding wood-grain
Classic script fender nameplate (below El Camino plate)
Tailgate wood-grain surface
Bright tailgate molding surrounding wood-grain

BODY - Interior

Specific instrument panel identification

CHASSIS

Same as base El Camino

"SS" OPTION RPO Z15

CONTENT OF EL CAMINO "SS" OPTION RPO Z15 WITH 1AD80

MODEL AVAILABILITY

El Camino Pickup (1AD80)

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

BODY - Exterior

'SS' Grille emblem
Upper body side striping - includes 'SS' fender emblem, tailgate striping and
tailgate 'SS' emblem, two colors, black or white, keyed to body color
Body color racing mirrors, LH remote, RH manual
Delete fender 'El Camino' nameplate

BODY - Interior

Monte Carlo instrument cluster with black bezel
'SS' instrument panel identification

CHASSIS

15-Inch Rally wheels with trim rings
GR 70 x 15 Radial ply white lettered tires

THREE SEAT STATION WAGON RPO AQ4

CONTENT OF THREE SEAT STATION WAGON RPO AQ4

MODEL AVAILABILITY

Station Wagons 1AC, 1AD, 1AG35

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

BODY - Exterior

"Tip-Out" quarter windows

BODY - Interior

Rear facing third seat in one design vinyl; in all available interior colors.
Roof mounted courtesy lamp (included in RPO ZJ9 for 2-seat wagons)
Third seat ash tray
Electric liftgate lock release, control switch at instrument panel only

MALIBU CLASSIC RPO Z03

CONTENT OF MALIBU CLASSIC LANDAU MODEL OPTION Z03

MODEL AVAILABILITY

Malibu Classic (1AD37)

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

BODY - Exterior

Specific vinyl roof cover (Landau type)
Pin stripe (black, white, gold or red)
Sport type, body color remote control rear view mirror LH and manual RH
Wheel covers (RPO P01)
Rub strips
Emblem (new) in quarter window

CHASSIS

GR 78 x 15 Radial ply whitewall tires
No delete option for tires
Dual note horns

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. Five air outlets: 1 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.

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

CHASSIS

Front and Rear Springs Heavy duty
Rear Axle Ratio - Refer to Power Trains Section

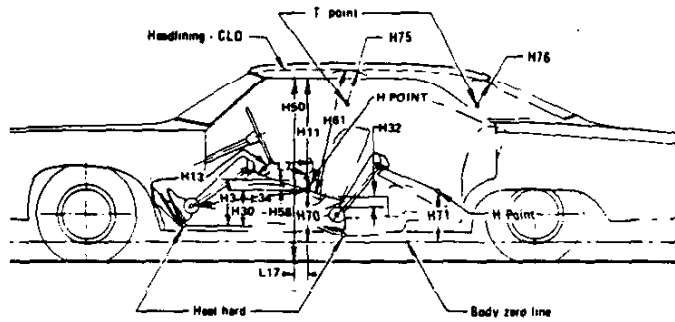
POWER TRAINS

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

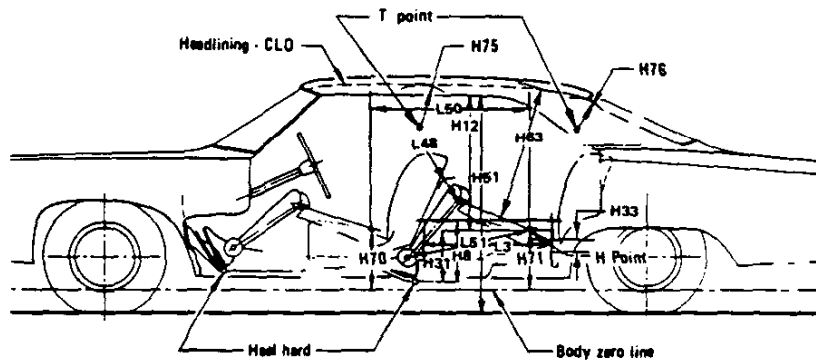
| | |
|-------------------------------------|------|
| INTERIOR DIMENSIONS | 2 |
| LUGGAGE CAPACITY | 2 |
| STATION WAGON CARGO SPACE | 3 |
| EXTERIOR DIMENSIONS | 4, 5 |
| VEHICLE WEIGHTS | 6 |
| OPTIONAL EQUIPMENT | 7 |

INTERIOR DIMENSIONS



FRONT COMPARTMENT

| CODE | DESCRIPTION | 4-DOOR SEDAN | SPORT COUPES | STATION WAGONS | SEDAN PICKUP |
|------|--------------------------------|--------------|--------------|----------------|--------------|
| H-3 | Seat cushion height | | | 10.5 | |
| H11 | Entrance height | 31.0 | 30.2 | 31.4 | 30.2 |
| H13 | Steering wheel thigh clearance | | | 3.4 | |
| H30 | H point to heel point | | | 8.8 | |
| H32 | Seat cushion deflection | | | 3.1 | |
| H50 | Upper body opening to ground | 49.9 | 49.2 | 50.6 | 49.2 |
| H58 | H point rise | | | 0.8 | |
| H61 | Effective headroom | 38.3 | 37.7 | 38.8 | 37.6 |
| H70 | H point to body O line | | | 13.1 | |
| H75 | Effective 'T' point headroom | 38.6 | 37.9 | 38.9 | 37.8 |
| W3 | Shoulder room | | | 59.6 | |
| W5 | Hip room | 54.7 | 54.8 | 54.7 | 54.8 |
| L7 | Steering wheel torso clearance | | | 13.1 | |
| L17 | H point travel | | | 5.1 | |
| L34 | Effective leg room | | | 42.1 | |



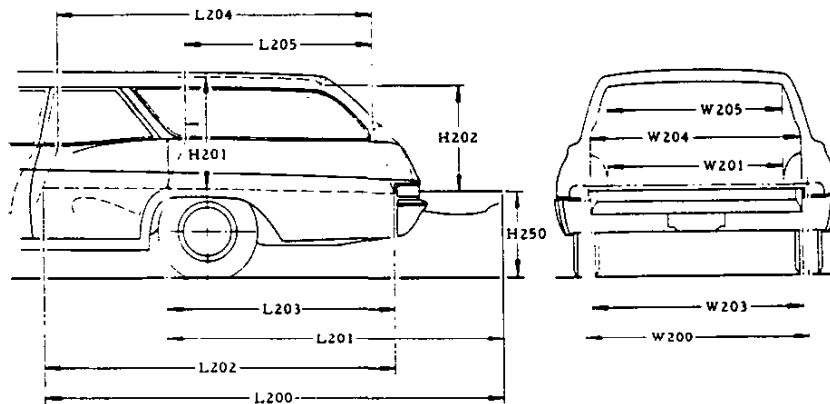
REAR COMPARTMENT

| | | | | | |
|-----|------------------------------|------|------|------|---|
| H8 | Seat cushion height | 13.4 | 12.2 | 13.2 | - |
| H12 | Entrance height | 31.2 | - | 32.5 | - |
| H31 | H point to heel point | 11.0 | 10.1 | 11.3 | - |
| H33 | Seat cushion deflection | 3.6 | 3.7 | 4.2 | - |
| H51 | Upper body opening to ground | 49.0 | - | 50.6 | - |
| H63 | Effective headroom | 37.5 | 37.0 | 39.4 | - |
| H71 | H point to body O line | 12.4 | 11.5 | 12.7 | - |
| H76 | Effective 'T' point headroom | 37.2 | 36.8 | 39.4 | - |
| W4 | Shoulder room | 58.9 | 58.0 | 58.9 | - |
| W6 | Hip room | 57.8 | 52.7 | 55.1 | - |
| L3 | Rear compartment room | 26.7 | 24.2 | 27.3 | - |
| L50 | H point couple distance | 34.6 | 31.0 | 33.1 | - |
| L51 | Effective leg room | 36.9 | 32.9 | 36.8 | - |

LUGGAGE COMPARTMENT

| | | | | | |
|------|----------------------------------|--|------|------|------|
| H195 | Liftover height | | 21.8 | 23.9 | 26.0 |
| V1 | Usable luggage capacity (cu.ft.) | | 15.3 | - | 26.2 |

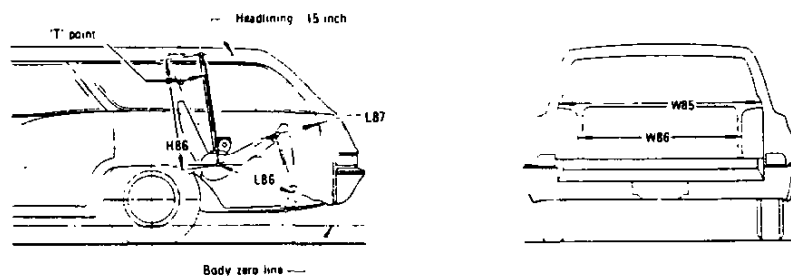
INTERIOR DIMENSIONS



STATION WAGON CARGO SPACE

| CODE | DESCRIPTION | STATION WAGONS | SEDAN PICKUP |
|------|-----------------------------------|----------------|--------------|
| H201 | Maximum cargo height | 30.1 | — |
| H202 | Rear opening height | 27.4 | — |
| H250 | Tailgate to ground height | 23.9 | 26.0 |
| W200 | Cargo width-front | 55.0 | 51.0 |
| W201 | Cargo width-wheelhouse | 44.5 | 45.3 |
| W203 | Rear opening width at floor | 61.2 | 57.0 |
| W204 | Rear opening width at belt | 62.8 | — |
| W205 | Rear opening width above belt | 49.0 | — |
| L200 | Maximum cargo length-front seat | 90.2 | — |
| L201 | Maximum cargo length-second seat | 53.9 | — |
| L202 | Cargo length at floor-front seat | 90.2 | 80.8 |
| L203 | Cargo length at floor-second seat | 53.9 | — |
| L204 | Cargo length at belt-front seat | 82.9 | 71.4 |
| L205 | Cargo length at belt-second seat | 48.7 | — |
| V2 | Total cargo index volume (cu.ft.) | 85.1* | 38.0 |

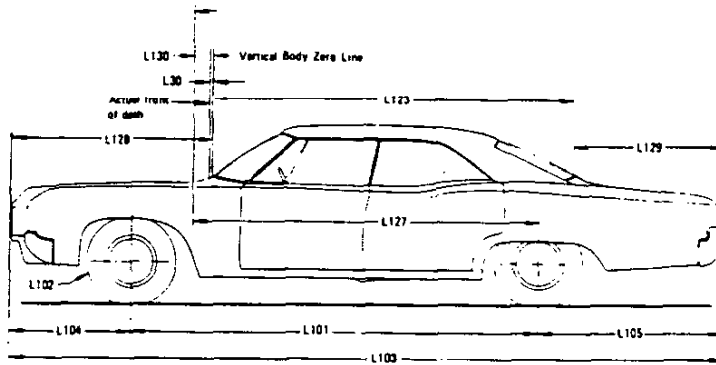
* Concealed stowage compartment (cu.ft.) 9.8 cu. ft. 2-seat, 5.8 cu. ft. 3-seat.



STATION WAGON THIRD SEAT

| | | | |
|-----|--------------------|------|---|
| W85 | Shoulder room | 42.7 | — |
| W86 | Hip room | 36.5 | — |
| H86 | Effective headroom | 37.8 | — |
| L86 | Effective leg room | 27.5 | — |
| L87 | Knee room | 11.1 | — |

EXTERIOR DIMENSIONS



LENGTHS

| CODE | DESCRIPTION | 4-DOOR SEDAN | SPORT COUPES | STATION WAGONS | SEDAN PICKUP |
|------|--|----------------|--------------|----------------|--------------|
| L101 | Wheelbase | 116.0 | 112.0 | 116.0 | |
| L102 | Tire size (standard) | FR78-15 (a)(b) | | HR78-15 | GR78-15 |
| L103 | Overall length | 209.2 | 205.3 | 215.2 | |
| L104 | Overhang, front | | | | 40.1 |
| L105 | Overhang, rear | 53.2 | | | 59.1 |
| - | Overall length - less bumpers | 203.4 | 199.4 | 210.0 | |
| L123 | Body upper structure length at car center line | 101.3 | 102.0 | 132.8 | 58.6 |
| L127 | Body O line to C/L of rear wheels | 97.5 | 93.5 | 97.5 | |
| L128 | Front end length at center line | | | | 58.3 |
| L129 | Rear end length at center line | 32.7 | 28.0 | 6.9 | - |
| L130 | Body zero plane to windshield cowl point | | | | 10.5 |
| L30 | Body O line to actual front of dash | | | | - 0.5 |

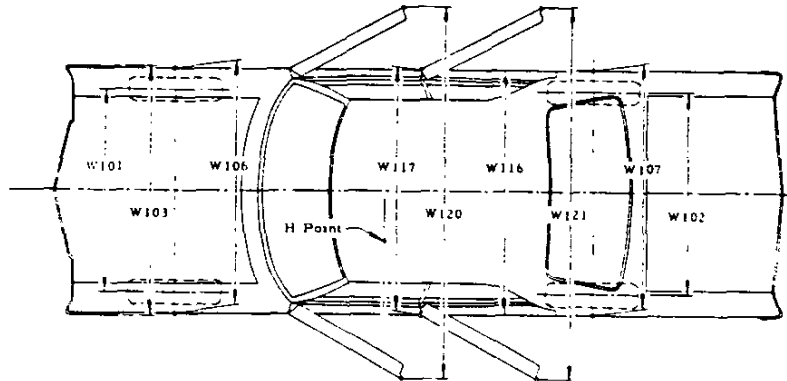
(a) Sedans & Coupes, with V8 Engine GR78-15 Tire

(b) Laguna Type 'S3' Coupe GR78-15 Tire

* With Impact Strips

BASE MODELS

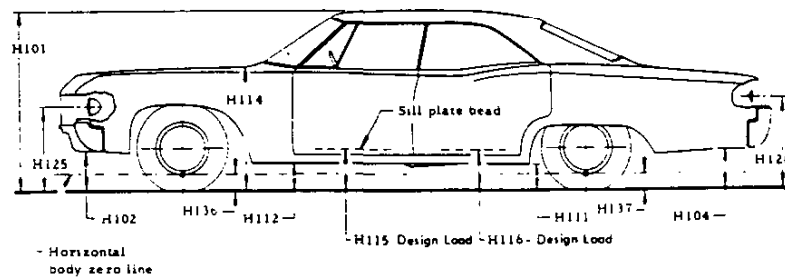
| | * 4-DOOR | 2-DOOR WAGONS & PICKUP |
|------|----------|------------------------|
| L103 | 210.3 | 215.9 |
| L104 | 40.6 | 40.6 |
| L105 | 53.7 | 59.3 |



WIDTHS

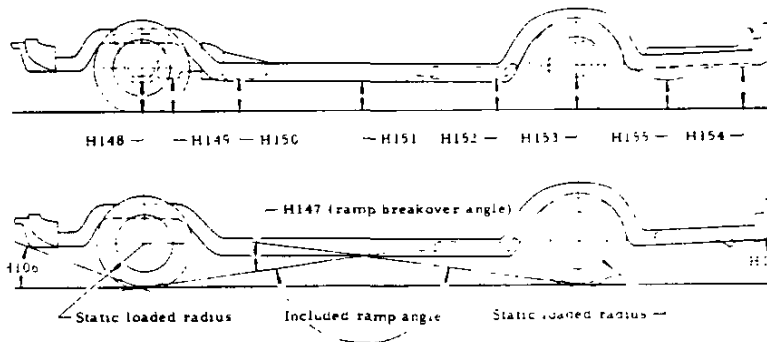
| CODE | DESCRIPTION | 4-DOOR SEDAN | SPORT COUPES | STATION WAGONS | SEDAN PICKUP |
|------|---------------------------------------|--------------|--------------|----------------|--------------|
| W101 | Tread - front | | | | 61.5 |
| W102 | Tread - rear | | | | 60.7 |
| W103 | Maximum overall width of car | | | | 76.6 |
| W106 | Front fender overall width | | | | 77.3 |
| W107 | Rear fender overall width | | | | 76.8 |
| W116 | Maximum overall width of body | | | | 76.9 |
| W117 | Maximum body width at number 2 pillar | 75.5 | - | 75.5 | - |
| W120 | Overall car width, front doors open | 139.7 | 170.7 | 139.7 | 170.7 |
| W121 | Overall car width, rear doors open | 134.7 | - | 134.7 | - |

EXTERIOR DIMENSIONS



HEIGHTS

| CODE | DESCRIPTION | 4-DOOR SEDAN | SPORT COUPES | STATION WAGONS | SEDAN PICKUP |
|------|--------------------------------|--------------|--------------|----------------|--------------|
| H101 | Overall height (design) | 53.8 | 53.1 | 55.6 | 53.7 |
| H102 | Front bumper to ground | 12.0 | 12.2 | 12.5 | 12.6 |
| H104 | Rear bumper to ground | 11.8 | 11.7 | 11.3 | 10.2 |
| H111 | Rocker panel to ground - rear | | 8.1 | 9.4 | 8.7 |
| H112 | Rocker panel to ground - front | | 8.8 | 9.7 | 9.4 |
| H114 | Hood at rear to ground | | 38.8 | 39.6 | 39.4 |
| H115 | Step height - front (design) | 12.7 | 12.6 | 13.7 | 13.2 |
| H116 | Step height - rear (design) | 12.3 | - | 13.5 | - |
| H125 | Headlamp to ground | 27.7 | 27.8 | | 28.2 |
| H126 | Tail lamp to ground | 24.2 | 23.9 | 17.1 | 16.0 |
| H136 | Body O line to ground - front | | 5.9 | 6.6 | 6.5 |
| H137 | Body O line to ground - rear | | 5.4 | 6.7 | 6.0 |



CLEARANCES

| | | | | | |
|------|--------------------------------|--------|---------|---------|---------|
| H106 | Angle of approach (degrees) | 19°5' | 18°12' | 19°19' | 19°13' |
| H107 | Angle of departure (degrees) | 16°7' | 15°56' | 13°24' | 12°59' |
| H147 | Ramp breakover angle (degrees) | 13°30' | 14°21' | 14°53' | 14°7' |
| H148 | Front suspension to ground | 5.1 | 5.2 | 5.8 | 5.7 |
| H149 | Oil pan to ground | 5.6 | 5.7 | 6.3 | 6.1 |
| H150 | Flywheel housing to ground | | 5.6 | 6.2 | 6.0 |
| H151 | Frame to ground | | 5.9 | 6.8 | 6.5 |
| H152 | Exhaust system to ground | | 5.1 | 6.0 | 5.3 |
| H153 | Rear axle to ground | 6.8 | 7.0 | 7.1 | 7.2 |
| H154 | Fuel tank to ground | 6.8 | 6.7 | 10.3 | 9.1 |
| H155 | Tire well to ground | - | - | 8.6 | - |
| H156 | Minimum ground clearance | | 5.1 (a) | 5.8 (b) | 5.7 (b) |

(a) Catalytic converter to ground.

(b) Front suspension to ground.

VEHICLE WEIGHTS

MODEL TYPE

| MODEL DESIGNATION | BASE ENGINE | VEHICLE TYPE | SHIPPING WEIGHT | | | CURB WEIGHT | | |
|-------------------|---------------------|---------------------|-----------------|------|-------|-------------|------|-------|
| | | | Front | Rear | Total | Front | Rear | Total |
| 1AC37 | 250 Cu.In. L6 (L22) | 2-Door Coupe | 2032 | 1610 | 3642 | 2010 | 1748 | 3758 |
| 1AC29 | 250 Cu.In. L6 (L22) | 4-Door Sedan | 2079 | 1634 | 3713 | 2057 | 1772 | 3829 |
| 1AC35 | 350 Cu.In. V8 (L65) | 4-Door Station Wgn. | 2171 | 2036 | 4207 | 2146 | 2174 | 4320 |
| 1AC80 | 250 Cu.In. L6 (L22) | 2-Door Pickup | 2067 | 1591 | 3658 | 2045 | 1729 | 3774 |
| 1AD37 | 250 Cu.In. L6 (L22) | 2-Door Coupe | 2054 | 1627 | 3681 | 2032 | 1765 | 3797 |
| 1AD29 | 250 Cu.In. L6 (L22) | 4-Door Sedan | 2116 | 1662 | 3778 | 2094 | 1800 | 3894 |
| 1AD35 | 350 Cu.In. V8 (L65) | 4-Door Station Wgn. | 2206 | 2069 | 4275 | 2181 | 2207 | 4388 |
| 1AD80 | 250 Cu.In. L6 (L22) | 2-Door Pickup | 2085 | 1605 | 3690 | 2063 | 1743 | 3806 |
| 1AG35 | 350 Cu.In. V8 (L65) | 4-Door Station Wgn. | 2219 | 2082 | 4301 | 2194 | 2220 | 4414 |

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 |
|------|----------------------------------|-------------------------------------|--------|
| A31 | Power Windows | 4-Door | + 20 |
| | | 2-Door | + 9 |
| A42 | Power Seat 6-Way Bench | 1AD29, 35, 37, 1AG35 | + 24 |
| AN7 | Bucket Seat - Swivel | All exc. 1AC & 1AD29 | + 11 |
| AU3 | Electric Door Locks | Used with 2-Door Models | + 7 |
| | | Used with 4-Door Models | + 15 |
| AO4 | Station Wagon - 3rd Seat | | + 32 |
| B37 | Front and Rear Floor Mats | 1AA29, 35, 37 | + 9 |
| B37 | Front Floor Mat | 1AA80 | + 6 |
| CA1 | Electric - Sun Roof | 1AC37, 1AD37 | + 46 |
| CB4 | Landau Roof Cover | 1AD37 | + 8 |
| CO8 | Vinyl Roof Cover | All except Station Wagons | + 8 |
| CS1 | Rear Window Air Deflector | Station Wagons | + 6 |
| C60 | Air Conditioning | With 6 Cyl. Engine | + 75 |
| | | With V8 Engine | + 90 |
| D55 | Floor Console | Turbo Hydra-matic Transmission | + 15 |
| J50 | Power Brakes | | + 11 |
| N41 | Power Steering | | + 28 |
| V55 | Roof Luggage Carrier | Station Wagons | + 20 |
| U63 | Radio AM Push Button | | + 6 |
| U69 | Radio AM/FM Push Button | | + 8 |
| U58 | Radio AM/FM Stereo | | + 15 |
| UM1 | Radio AM Push Button and Tape | | + 20 |
| UM2 | Radio AM/FM Push Button and Tape | | + 21 |
| V30 | Front and Rear Bumper Guards | All except Station Wagon and Pickup | + 14 |
| V30 | Front Bumper Guards Only | Station Wagon and Pickup | + 7 |
| Base | 250 Cu. In. L6 Engine | Turbo Hydra-matic Transmission | + 27 |
| L65 | 350 Cu. In. V8 Engine | Turbo Hydra-matic Transmission | + 150 |
| LM1 | 350 Cu. In. V8 Engine | 1AC & 1AD29, 37, 80 | + 154 |
| | | 1AA35 | + 30 |
| LT4 | 400 Cu. In. V8 Engine | 1AC & 1AD29, 37, 80 | + 168 |
| | | 1AA35 | + 46 |
| LS4 | 454 Cu. In. V8 Engine | 1AC & 1AD29, 37 | + 393 |
| | | 1AC & 1AD80 | + 381 |
| | | 1AA35 | + 254 |

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BODY

| | |
|--|------------|
| EXTERIOR PAINT PROCESS | 2 |
| EXTERIOR-INTERIOR COLORS AND VINYL ROOF COMBINATIONS | 3 |
| EXTERIOR-INTERIOR COLORS | 4, 5, 6, 7 |
| EXTERIOR-INTERIOR COLORS AND MALIBU CLASSIC LANDAU STRIPE (RPO Z03) | 8 |
| BODY CONSTRUCTION AND GLASS AREA | 9 |

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 | EXTERIOR COLOR AVAILABILITY | MODEL AVAILABILITY |
|---|-----------------------------|--------------------|
| | | 1AC – 1AD |
| Silver Metallic | Silver Metallic | X |
| | Black | X |
| | Bright Blue Metallic | X |
| | Dark Blue Metallic | X |
| | Red Metallic | X |
| Black C/O | Light Graystone | - |
| | Red Metallic | - |
| | All available colors | X |
| White C/O | White | - |
| | Light Graystone | - |
| | Dark Blue Metallic | - |
| | Dark Green Metallic | - |
| | Sandstone | - |
| | Medium Blue | - |
| | Dark Sandstone Metallic | - |
| | Red Metallic | - |
| | All available colors | X |
| | White | X |
| Dark Blue | Silver Metallic | X |
| | Medium Blue | X |
| | Bright Blue Metallic | X |
| | Dark Blue Metallic | X |
| Medium Green C/O | White | X |
| | Medium Green | X |
| | Dark Green Metallic | X |
| Sandstone | White | X |
| | Dark Green Metallic | X |
| | Cream-Beige | X |
| | Sandstone | X |
| | Dark Sandstone Metallic | - |
| | Dark Brown Metallic | X |
| Cordovan – Production Name Dark Brown – Sales Name | Russet Orange Metallic | - |
| | White | X |
| | Sandstone | - |
| | Dark Sandstone Metallic | - |
| | Light Saddle Metallic | X |
| | Persimmon Metallic | X |
| | Russet Orange Metallic | - |
| Maroon – Production Name Dark Red – Sales Name | Orange Metallic | - |
| | White | X |
| | Silver Metallic | X |
| | Light Graystone | X |
| Red | Red Metallic | X |
| | Black | X |
| | White | X |
| | Red | - |

EXTERIOR-INTERIOR COLORS

1975 CHEVELLE AND EL CAMINO 'A' INTERIOR-EXTERIOR COLOR COMBINATIONS

| MODEL | Seat Type | INTERIOR TRIM | | | | | | | |
|-------------------------------|-----------|---------------|------------|-------------|-------|-------------|------------------|-------|------------|
| | | Black | | | | | Medium Sandstone | | |
| | | Vinyl | Knit Vinyl | Perf. Vinyl | Cloth | Sport Cloth | Knit Cloth | Vinyl | Knit Vinyl |
| Malibu - 1AC00 | | | | | | | | | |
| Sport Sedan (29) | Bench | | 19V | | 19C | | | | 55V |
| Sport Coupe (37) | Bench | | 19V | | 19C | | | | 55V |
| | Bucket | | 19V | | | | | | 55V |
| Station Wagon (35) | Bench | | 19V | | | | | | 55V |
| | Bucket | | 19V | | | | | | 55V |
| El Camino (80) | Bench | | 19V | | 19C | | | | 55V |
| | Bucket | | 19V | | | | | | 55V |
| Malibu Classic - 1AD00 | | | | | | | | | |
| Sport Sedan (29) | Bench | 19W | | | | | 19D | 55W | |
| Sport Coupe (37) | Bench | 19W | | | | | 19D | 55W | |
| | Bucket | 19W | | | | | 19D | 55W | |
| Station Wagon (35) | Bench | 19W | | | | | | 55W | |
| | Bucket | 19W | | | | | | 55W | |
| El Camino Classic (80) | Bench | 19W | | | | | 19D | 55W | |
| | Bucket | 19W | | | | | 19D | 55W | |
| Malibu Classic Estate - 1AG00 | | | | | | | | | |
| Station Wagon (35) | Bench | 19W | | | | | | 55W | |
| | Bucket | 19W | | | | | | 55W | |
| EXTERIOR COLORS | | Color Code | | | | | | | |
| White C/O | | 11 | | | X | | | | X |
| Silver Metallic | | 13 | | | X | | | | - |
| Light Graystone | | 15 | | | X | | | | - |
| Black C/O | | 19 | | | X | | | | 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 | | | | 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 | | | | - |
| Red | | 72 | | | X | | | | X |
| Red Metallic C/O | | 74 | | | X | | | | X |
| TWO TONE | | Color | | | | | | | |
| Lower | Upper | Code | | | | | | | |
| 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 | | | | - |
| 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 | | | | - |

NOTE: Solid exterior color combinations (except vinyl top) may be obtained with non-recommended interior combinations when ZP2 override is specified. Two Tones are not available on Wagons.

EXTERIOR-INTERIOR COLORS

1975 CHEVELLE AND EL CAMINO 'A' INTERIOR-EXTERIOR COLOR COMBINATIONS

| MODEL | Seat Type | INTERIOR TRIM | | | | | | | |
|--------------------------------------|-------------------|---------------|------------|-------|------------|------------------|-------------|-------------|-------------|
| | | Dark Blue | | | | Medium Graystone | Dark Saddle | | |
| | | Vinyl | Knit Vinyl | Cloth | Knit Cloth | Knit Cloth | Vinyl | Perf. Vinyl | Sport Cloth |
| Malibu - 1AC00 | | | | | | | | | |
| Sport Sedan (29) | Bench | | 26V | 26C | | | | | |
| Sport Coupe (37) | Bench | | 26V | 26C | | | | | |
| | Bucket | | | | | | | | |
| Station Wagon (35) | Bench | | | | | | | | |
| | Bucket | | | | | | | | |
| El Camino (80) | Bench | | 26V | 26C | | | | | |
| | Bucket | | | | | | | | |
| Malibu Classic - 1AD00 | | | | | | | | | |
| Sport Sedan (29) | Bench | 26W | | | 26D | 16D | | | |
| Sport Coupe (37) | Bench | 26W | | | 26D | 16D | 63W | | |
| | Bucket | 26W | | | | | 63W | | |
| Station Wagon (35) | Bench | 26W | | | | | 63W | | |
| | Bucket | 26W | | | | | 63W | | |
| El Camino Classic (80) | Bench | 26W | | | 26D | 16D | 63W | | |
| | Bucket | 26W | | | | | 63W | | |
| Malibu Classic Estate - 1AG00 | | | | | | | | | |
| Station Wagon (35) | Bench | 26W | | | | | 63W | | |
| | Bucket | 26W | | | | | 63W | | |
| EXTERIOR COLORS | Color Code | | | | | | | | |
| White C/O | 11 | | X | | | X | | X | |
| Silver Metallic | 13 | | X | | | - | | - | |
| Light Graystone | 15 | | - | | | X | | 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 | | - | | | - | | - | |
| Medium Green Metallic | 49 | | - | | | X | | 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 | | - | |
| 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 | - | | | - | | - | |
| Dark Green Metallic | White | 49-11 | - | | | X | | X | |
| Sandstone | White | 55-11 | - | | | - | | X | |
| Dark Brown Metallic | White | 59-11 | - | | | - | | X | |
| Persimmon Metallic | White | 64-11 | - | | | - | | X | |
| Red Metallic C/O | White | 74-11 | - | | | X | | - | |

NOTE: Solid exterior color combinations (except vinyl top) may be obtained with non-recommended interior combinations when ZP2 override is specified. Two Tones are not available on wagons.

EXTERIOR-INTERIOR COLORS

1975 CHEVELLE AND EL CAMINO 'A' INTERIOR-EXTERIOR COLOR COMBINATIONS

| MODEL | Seat Type | INTERIOR TRIM | | | | | | | | |
|-------------------------------|-----------|---------------|------------|--------------|-------------|-------------|----------------------|----------------------------|---|---|
| | | Medium Green | | Dark Oxblood | | | White | | | |
| | | Knit Vinyl | Knit Cloth | Knit Cloth | Sport Cloth | Perf. Vinyl | Perf. † Vinyl /Black | Perf. † Vinyl /Dk. Oxblood | White Vinyl with B&W Sport Cloth /Black | White Vinyl with B&W Sport Cloth /Dk. Oxblood |
| Malibu - 1AC00 | | | | | | | | | | |
| Sport Sedan (29) | Bench | 44V | | | | | | | | |
| Sport Coupe (37) | Bench | 44V | | | | | | | | |
| | Bucket | | | | | | | | | |
| Station Wagon (35) | Bench | | | | | | | | | |
| | Bucket | | | | | | | | | |
| El Camino (80) | Bench | 44V | | | | | | | | |
| | Bucket | | | | | | | | | |
| Malibu Classic - 1AD00 | | | | | | | | | | |
| Sport Sedan (29) | Bench | | 44D | 73D | | | | | | |
| Sport Coupe (37) | Bench | | 44D | 73D | | | | | | |
| | Bucket | | | 73D | | | | | | |
| Station Wagon (35) | Bench | | | | | | | | | |
| | Bucket | | | | | | | | | |
| El Camino Classic (80) | Bench | | 44D | 73D | | | | | | |
| | Bucket | | | 73D | | | | | | |
| Malibu Classic Estate - 1AG00 | | | | | | | | | | |
| Station Wagon (35) | Bench | | | | | | | | | |
| | Bucket | | | | | | | | | |
| EXTERIOR COLOR | | Color Code | | | | | | | | |
| White C/O | | 11 | X | | X | | X | X | X | X |
| Silver Metallic | | 13 | - | | X | | X | X | X | X |
| Light Graystone | | 15 | - | | X | | X | - | X | - |
| Black C/O | | 19 | X | | X | | X | X | X | X |
| Medium Blue | | 24 | - | | - | | X | - | X | - |
| Bright Blue Metallic | | 26 | - | | - | | X | - | X | - |
| Dark Blue Metallic | | 29 | - | | - | | - | - | - | - |
| Medium Green C/O | | 44 | X | | - | | X | - | X | - |
| Dark Green Metallic | | 49 | 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 | X | X |
| TWO TONE | | Color Code | | | | | | | | |
| Lower | Upper | | | | | | | | | |
| Medium Blue | White | 24-11 | - | | - | | | | - | - |
| Bright Blue Metallic | White | 26-11 | - | | - | | | | - | - |
| Dark Blue Metallic | White | 29-11 | - | | - | | | | - | - |
| Medium Green | White | 44-11 | X | | - | | | | - | - |
| Dark Green Metallic | White | 49-11 | X | | - | | | | - | - |
| Sandstone | White | 55-11 | - | | - | | | | - | - |
| Dark Brown Metallic | White | 59-11 | - | | - | | | | - | - |
| Persimmon Metallic | White | 64-11 | - | | - | | | | - | - |
| Red Metallic | White | 74-11 | - | | X | | | | - | - |

NOTE: Solid exterior color combinations (except vinyl top) may be obtained with non-recommended interior combinations when ZP2 override is specified. Two tones are not available on wagons.

11Z † - White perforated vinyl interior with Black Instrument Panel upper and lower, carpet, Cowl Kick Pad, and Package Shelf.

07Z † - White perforated vinyl interior with Dark Oxblood Instrument Panel upper and lower, carpet, Cowl Kick Pad, and Package Shelf.

11E † - Black and white sport cloth in a White vinyl interior with Black Instrument Panel upper and lower, Carpet, Cowl Kick Pad, and Package Shelf.

07E † - Black and White sport cloth in a White vinyl interior with Dark Oxblood Instrument Panel upper and lower, Carpet, Cowl Kick Pad, and Package Shelf.

EXTERIOR-INTERIOR COLORS

1975 EL CAMINO "CONQUISTA" INTERIOR - EXTERIOR COLOR COMBINATIONS
INTERIOR TRIM

| EL CAMINO - CONQUISTA - CUSTOM 1AD80 (RPO D91 and BX8) | SEAT TYPE | INTERIOR TRIM | | | | | | | | | | | | |
|---|------------------------------------|---------------|------------|------------------|------------|-----------|------------|------------------|------------|-------------|------------|--|--|--|
| | | Black | | Medium Sandstone | | Dark Blue | | Medium Graystone | | Dark Saddle | | | | |
| | | Vinyl | Knit Cloth | Vinyl | Knit Cloth | Vinyl | Knit Cloth | Vinyl | Knit Cloth | Vinyl | Knit Cloth | | | |
| | BENCH | 19W | 19D | 55W | 26W | 26D | 63W | 73D | | | | | | |
| | BUCKET | 19W | 19D | 55W | 26W | | 63W | 73D | | | | | | |
| | Color Code | | | | | | | | | | | | | |
| HOOD & CENTER | ROOF & LOWER BODY COLOR | | | | | | | | | | | | | |
| Bright Blue Metallic | Dark Blue Metallic | | X | | X | | | | | | | | | |
| Medium Green | Dark Green Metallic | | X | | X | | | | | | | | | |
| Cream-Beige | Sandstone | | X | | X | | | | | | | | | |
| Sandstone | Dark Brown Metallic | | X | | X | | | | | | | | | |
| Red | Red Metallic | | X | | X | | | | | | | | | |
| White | Silver Metallic | | X | | X | | | | | | | | | |
| White | Light Graystone | | X | | X | | | | | | | | | |
| White | Black | | X | | X | | | | | | | | | |
| White | Medium Blue | | X | | X | | | | | | | | | |
| White | Bright Blue Metallic | | X | | X | | | | | | | | | |
| White | Dark Blue Metallic | | X | | X | | | | | | | | | |
| White | Medium Green | | X | | X | | | | | | | | | |
| White | Dark Green Metallic | | X | | X | | | | | | | | | |
| White | Cream-Beige | | X | | X | | | | | | | | | |
| White | Sandstone | | X | | X | | | | | | | | | |
| White | Dark Brown Metallic | | X | | X | | | | | | | | | |
| White | Light Saddle Metallic | | X | | X | | | | | | | | | |
| White | Persimmon Metallic | | X | | X | | | | | | | | | |
| White | Red | | X | | X | | | | | | | | | |
| White | Red Metallic | | X | | X | | | | | | | | | |

NOTE: RPO BX3 Exterior Ornamentation - Woodgrain, RPO B84 Body Side Molding, RPO C09 Vinyl Roof Cover, RPO D99 Special Two Tone Paint on 1AD80, 5AD80, RPO YE7 GMC "SP" Package on 5AD80, and RPO Z15 "SS" Package on 1AD80 are not available with RPO D91.

EXTERIOR-INTERIOR COLORS

1975 MALIBU CLASSIC LANDAU STRIPE (1AD37-RPO Z03)

| EXTERIOR COLOR | CODE NO. | STRIPE COLORS | | | |
|-----------------------|----------|---------------|--------|-----------|--------|
| | | WA848 | WA3967 | WA4553 | WA4409 |
| | | BLACK | WHITE | GOLD MET. | RED |
| White C/O | 11 | X | | X | X |
| Silver Metallic | 13 | X | X | | |
| Light Graystone | 15 | X | X | | |
| Black C/O | 19 | | X | X | X |
| Medium Blue | 24 | X | X | | |
| Bright Blue Metallic | 26 | X | X | | |
| Dark Blue Metallic | 29 | X | X | X | X |
| Medium Green C/O | 44 | X | X | | |
| Dark Green Metallic | 49 | X | X | X | |
| Cream Beige C/O | 50 | X | X | X | |
| Sandstone | 55 | X | X | X | |
| Dark Brown Metallic | 59 | X | X | X | |
| Light Saddle Metallic | 63 | X | X | | |
| Persimmon Metallic | 64 | X | X | X | |
| Red | 72 | X | X | X | |
| Red Metallic C/O | 74 | X | X | X | |

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. 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 plastic fender skirts. Energy absorbing air-gap windshield pillar moldings. Safety guard door beams. Contoured windshield header. Cargo guard luggage barrier on coupe and sedan models. Double panel roof. Open channel rocker panels.

DOORS AND LOCKS

Door construction Double steel panels, hinged at front.
 Door handles Lift bar with fork type door locks. Inside push-button locks and 2-position free-wheeling inside door handles on all doors.
 Front door glass Full window

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. Two hood stop pins mounted on the cowl.
 Hood release Internal; to left of stg. col. under inst. panel.

VENTILATION

High level air intake for passenger compartment with double wall plenum chamber. To assure constant flow, heater blower circulates air thru lower vent when ignition is on.

SEAT CONSTRUCTION

Type
 All seat cushions and backrests Formed polyfoam

WINDSHIELD WIPERS AND WASHERS

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

HEADLAMPS

Type Single "Power Beam" units

SPARE TIRE AND TOOLS

Location Sedans and Sport Coupe, horizontal, front center of trunk floor; Station Wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored under tire.

LIFTGATE

Type Top hinged with fixed back window and telescopic spring loaded assist tubes.

BODY GLASS VISIBILITY AREA

| | MODELS | | | | |
|----------------------|--------|--------|--------|--------|--------|
| | 29 | 1AC37 | 1AD37 | 35 | 80 |
| Windshield | 1332.6 | 1276.6 | 1332.6 | 1276.6 | 1276.6 |
| Front Door Window | 1101.6 | 1331.1 | 1101.6 | 1252.0 | 1252.0 |
| Rear Door Window | 758.7 | -- | 828.9 | -- | -- |
| Rear Quarter Window | 267.6 | 504.9 | 187.5 | 1243.8 | -- |
| Back Window | 1262.9 | 1307.2 | 926.1 | 573.2 | 573.2 |
| Total Area (Sq. In.) | 4723.4 | 4419.8 | 4102.4 | 5433.0 | 3101.8 |

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POWER TRAINS

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POWER TEAM COMBINATIONS

| ENGINE | TRANSMISSION | MODEL APPLICATION | AXLE RATIOS* | | | RING GEAR |
|---|--------------------------|--|----------------|-----------|----------------|-----------|
| | | | BASE | HIGH -WAY | HIGH ALTI-TUDE | |
| 250 Cubic Inch L-6 Standard-All states | 3-Speed 3.11:1 low)(a) | Malibu Malibu Classic Sedans & Coupes & Pickups | 3.08:1 | | — | 8.50 |
| | Turbo Hydra-matic | | 2.73:1 | | 3.08:1 | |
| 350 Cubic Inch V-8 RPO L65-Not Avail. in California | 3-Speed (2.85:1 low) | Sedans, Coupes & Pickups | 2.73:1 | 2.56:1 | | 8.50 |
| | Turbo Hydra-matic | Station Wagons | 3.08:1 | 2.73:1 | | 8.875 |
| 350 Cubic Inch V-8 RPO LM1 - California Only | 3-Speed (2.85:1 low) (a) | Sedans, Coupes & Pickups | 2.73:1 | 2.56:1 | | 8.50 |
| | Turbo Hydra-matic | | Station Wagons | 3.08:1 | 2.73:1 | |
| 400 Cubic Inch V-8 RPO LT4 - All States | Turbo Hydra-matic | Coupes, Sedans & Pickups | 2.73:1 | 2.56:1 | | 8.50 |
| | | Station Wagons | 3.08:1 | 2.73:1 | | 8.875 |
| 454 Cubic Inch V-8 RPO LS4-Not Avail. in California | Turbo Hydra-matic | Coupes, Sedans & Pickups | 2.73:1 | | 3.08:1 | 8.50 |
| | | Station Wagons | | | | 8.875 |

* Positraction axles available optionally; same ratios available with Air Conditioning
(a) Not available in California.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSION

| ENGINE | CARBURETION | TRANSMISSION | TOTAL GEAR REDUCTION* | | | | | AXLE RATIO |
|---|----------------------------------|--------------|-----------------------|------|------|-----|------|------------|
| | | | 1st | 2nd | 3rd | 4th | Rev | |
| 250 Cu.In. L-6 Standard - All Models except Laguna & Station Wagons | Single Barrel | 3-Speed (a) | 9.58 | 5.66 | 3.08 | | 9.92 | 3.08 |
| 350 Cu.In. V-8 RPO L65 & LM1 (All Models except Station Wagons) | 2-Barrel (L65) 4-Barrel (LM1) | 3-Speed (a) | 7.78 | 4.59 | 2.73 | | 8.05 | 2.73 |

(a) Not available in California

WITH AUTOMATIC TRANSMISSION

| ENGINE | TRANSMISSION | SELECTOR POSITION | TOTAL TORQUE MULTIPLICATION* | AXLE RATIO |
|--|----------------------|-------------------|------------------------------|------------|
| 250 Cu.In. L-6 Standard-All Models except Laguna & Station Wagons | Turbo Hydra-matic | Drive | 13.76:1 - 2.73:1 | 2.73 |
| | | Low | 13.76:1 - 6.88:1 | |
| | | Second | 13.76:1 - 4.15:1 | |
| | | Reverse | 10.54:1 - 5.27:1 | |
| 350 Cu.In. V-8 RPO L65 & LM1 (All models except Station Wagons) | Turbo Hydra-matic | Drive | 13.76:1 - 2.73:1 | 2.73:1 |
| | | Low | 13.76:1 - 6.88:1 | |
| | | Second | 13.76:1 - 4.15:1 | |
| | | Reverse | 10.54:1 - 5.27:1 | |
| 350 Cu.In. V-8 RPO L65 & LM1 (Station Wagons only) | 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 | 13.76:1 - 2.73:1 | 2.73:1 |
| | | Low | 13.76:1 - 6.88:1 | |
| | | Second | 13.76:1 - 4.15:1 | |
| | | Reverse | 10.54:1 - 5.27:1 | |
| 400 Cu.In. V8 RPO LT4 (Station Wagons only) | 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 | |
| 454 Cu.In. V-8 RPO LS4 | 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 | L-6 OHV | V8-OHV | | | |
|---|---|-------------------------------------|-------|--------|--------|
| Piston Displacement (Cu.In.) | 250 | V8-350 | | V8-400 | V8-454 |
| Availability | Standard | L65 | LM1 | LT4 | LS4 |
| Bore (nominal) | 3.875 | 4.00 | | 4.126 | 4.251 |
| Stroke (nominal) | 3.53 | 3.48 | | 3.75 | 4.00 |
| Compression Ratio | 8.25:1 | 8.5:1 | | | 8.15:1 |
| Taxable (SAE) Horsepower | 36.0 | 51.2 | | 54.5 | 57.8 |
| Firing Order | 1-5-3-6-2-4 | 1-8-4-3-6-5-7-2 | | | |
| Idling Speed | 3-Speed (in neutral) | 800 | | | |
| | Turbo Hydra-matic (in drive) | 600 | | | |
| Comp. Press. (PSI) @ Cranking Speed, Engine Hot | 130 | 160 | | | |
| Power Plant | Front | Two, preloaded captive cushion type | | | |
| Mountings | Rear | one; full shear type | | | |
| Measurements | Fan to rear of engine block | 35.27 | 31.55 | | 33.97 |
| | Top of air cleaner to bottom of oil pan | 27.76 | 29.60 | 28.52 | 29.60 |
| | Width - including air cleaner | 30.68 | 28.53 | | 33.31 |

ADVERTISED ENGINE RATING

| Engine Designation | L6-250 Cu.In. | V8-350 Cu.In. | V8-350 Cu.In. | V8-400 Cu.In. | V8-454 Cu.In. |
|--------------------------|---------------|---------------|---------------|---------------|---------------|
| Availability | L22 (Std.) | RPO L65 | RPO LM1 | RPO LT4 | RPO LS4 |
| Carburetor | Single Bbl. | Two Bbl. | Four Bbl. | Four Bbl. | Four Bbl. |
| Net Brake HP @ RPM | 105 @ 3800 | 145 @ 3800 | 155 @ 3800 | 175 @ 3600 | 215 @ 4000 |
| Net Torque @ RPM (lb-ft) | 185 @ 1200 | 250 @ 2200 | 250 @ 2400 | 305 @ 2000 | 350 @ 2400 |

ENGINE SPEED AND PISTON TRAVEL

L-6 250 CU. IN. ENGINE

| Model Availability | Malibu & Malibu Classic - Coupes & Sedans | | El Camino Pickup | |
|---------------------------------|---|-------------------|------------------|-------------------|
| Transmission | 3-Speed | Turbo Hydra-matic | 3-Speed | Turbo Hydra-matic |
| Rear Axle Ratio | 3.08:1 | 2.73:1 | 3.08 | 2.73:1 |
| Tire Size | FR 78 x 15B | | GR 78 x 15B | |
| Crankshaft Revolutions per Mile | 2399.3 | 2126.7 | 2350.0 | 2083.0 |
| Crankshaft RPM @ 1 MPH | Low | 124.4 | 89.3 | 121.8 |
| | Second | 73.6 | 53.9 | 72.1 |
| | Third | 40.0 | 35.4 | 39.2 |
| | Reverse | 128.8 | 68.4 | 126.1 |
| Piston Travel (ft/mile) | 1411.6 | 1251.2 | 1382.6 | 1225.5 |

V-8 350 CU. IN. ENGINE (RPO L65 & LM1)

| Model Availability | All Models Except Station Wagons | | Station Wagons |
|---------------------------------|----------------------------------|-------------------|-------------------|
| Transmission | 3-Speed | Turbo Hydra-matic | Turbo Hydra-matic |
| Rear Axle Ratio | 2.73:1 | | 3.08:1 |
| Tire Size | GR 78 x 15B | | HR 78 x 15B |
| Crankshaft Revolutions per Mile | 2083.0 | | 2294.6 |
| Crankshaft RPM @ 1 MPH | Low | 98.9 | 87.5 |
| | Second | 58.3 | 42.8 |
| | Third | 34.7 | 34.7 |
| | Reverse | 102.4 | 67.0 |
| Piston Travel (ft/mile) | 1208.1 | | 1330.9 |

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

| Model Availability | All Models except Station Wagons | Station Wagons |
|---------------------------------|----------------------------------|-------------------|
| Transmission | Turbo Hydra-matic | Turbo Hydra-matic |
| Rear Axle Ratio | 2.73:1 | 3.08:1 |
| Tire Size | GR 78 x 15B | HR 78 x 15B |
| Crankshaft Revolutions per Mile | 2083.0 | 2294.6 |
| Crankshaft RPM @ 1 MPH | Low | 87.5 |
| | Second | 52.8 |
| | Third | 34.7 |
| | Reverse | 67.0 |
| Piston Travel (ft/mile) | 1301.9 | 1434.1 |

V-8 454 CU. IN. ENGINE

| Model Availability | All Models | |
|---------------------------------|-------------------|------|
| Transmission | Turbo Hydra-matic | |
| Rear Axle Ratio | 2.73:1 | |
| Tire Size | HR 78 x 15B | |
| Crankshaft Revolutions per mile | 2083.0 | |
| Crankshaft RPM @ 1 MPH | Low | 86.1 |
| | Second | 51.4 |
| | Third | 34.7 |
| | Reverse | 72.2 |
| Piston Travel (ft/mile) | 1388.6 | |

VEHICLE PERFORMANCE FACTORS

| | | | | | |
|--------|----------------------|----------------------|----------------------|----------------------|----------------------|
| ENGINE | 250 CU.IN. 105 HP | 350 CU.IN. 145 HP | 350 CU.IN. 155 HP | 400 CU.IN. 175 HP | 454 CU.IN. 215 HP |
| MODEL | 1AC29 | 1AD29 | 1AD37 | 1AD37 | 1AC37 |

3-SPEED TRANSMISSION

| | | | | | |
|---------------------------------------|--------|--------|--------|--|--|
| Performance Weight (pounds) | 4429 | 4627 | 4534 | | |
| Pounds per Net Horsepower | 42.18 | 31.91 | 29.25 | | |
| Pounds per Cu.In. Displacement | 17.72 | 13.22 | 12.95 | | |
| Net HP per Cu.In. Displacement | .420 | .414 | .443 | | |
| Power Displacement (cu.ft./mile) | 153.84 | 210.94 | 210.94 | | |
| Displacement Factor (cu.ft./ton mile) | 69.61 | 91.32 | 92.93 | | |

TURBO HYDRA-MATIC

| | | | | | |
|---------------------------------------|--------|--------|--------|--------|--------|
| Performance Weight (pounds) | 4456 | 4657 | 4564 | 4565 | 4764 |
| Pounds per Net Horsepower | 42.44 | 32.12 | 29.45 | 26.09 | 22.16 |
| Pounds per Cu.In. Displacement | 17.82 | 13.31 | 13.04 | 13.04 | 10.59 |
| Net HP per Cu.In. Displacement | .420 | .414 | .443 | .437 | .473 |
| Power Displacement (cu.ft./mile) | 153.84 | 210.94 | 210.94 | 241.09 | 241.09 |
| Displacement Factor (cu.ft./ton mile) | 68.99 | 90.53 | 92.52 | 105.74 | 101.30 |

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 | |
| L6-250 Cu.In. | 3.8745-3.8775 |
| V8-350 Cu.In. | 3.9995-4.0025 |
| V8-400 Cu.In. | 4.1245-4.1275 |
| V8-454 Cu.In. | 4.2500-4.2520 |
| Bearing Caps (Number, material & attachment) | |
| L6-250 Cu.In. | 7, cast iron, 2-bolt |
| V8-350 & 400 Cu.In. | 5, cast iron, 2-bolt |
| V8-454 Cu.In. | 5, cast iron, 2-bolt |
| Water Jacket | Full length around each cylinder |
| Bore Spacing (Centerline to Centerline) | |
| L6-250 Cu.In. | 4.4 |
| V8-350 & 400 Cu.In. | 4.4 |
| V8-454 Cu.In. | 4.84 |

CYLINDER HEAD

| | |
|---------------------|-------------------------------|
| Material | High chrome cast alloy iron |
| Bolt No. & Size | |
| L6-250 Cu.In. | 14; .500 dia. 13 threads/in. |
| V8-350 & 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) | |
| L6-250 Cu.In. | 5.77 Cu.In. |
| 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 | |
| L6 engine | Integral with cylinder head |
| V8 engines | 8 port, double deck |

EXHAUST MANIFOLD

| | |
|---------------------|-------------------------------------|
| Material | Cast alloy iron |
| Type | |
| L6-250 Cu.In. | 4 port, underslung, center downtake |
| V8-350 & 400 Cu.In. | Dual, 4 port, rear downtake |
| V8-454 Cu.In. | Dual, 4 port, rear downtake |
| Outlet Diameter | |
| L6-250 Cu.In. | 2.25 |
| V8-350 & 400 Cu.In. | 2.0 |
| V8-454 Cu.In. | 2.5 |

CRANKSHAFT

| | |
|--------------------------|-------------------------|
| Material | Cast nodular iron |
| End Play | |
| L6-250 Cu.In. | .002-.006 |
| V8-350 & 400 Cu.In. | .002-.007 |
| V8-454 Cu.In. | .006-.010 |
| Counter Weights | |
| L6-250 Cu.In. | 12 |
| V8-350, 400 & 454 Cu.In. | 6 |
| Crank Arm Length | |
| L6-250 Cu.In. | 1.765 |
| 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 | |
| L6 | Steel; helical cut |
| V8 | Steel; sprocket & chain |
| Pulley Pitch Diameter | 6.64 |

MAIN BEARINGS

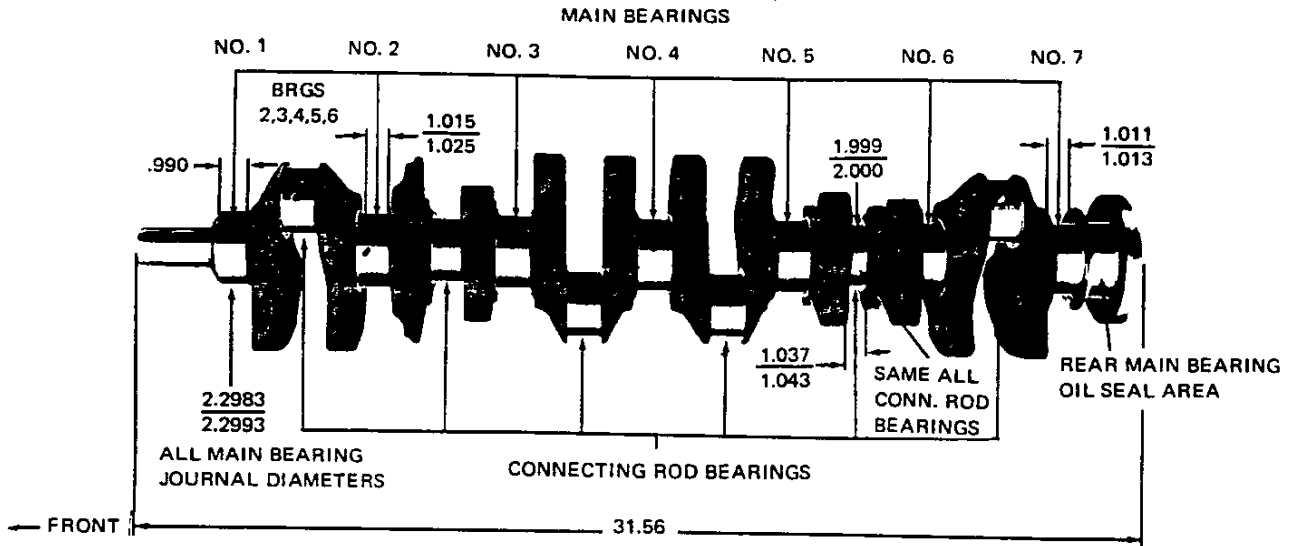
| | |
|----------------------------|---|
| Material | Steel backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application) |
| Type | Precision removable |
| Thrust Against Bearing No. | L6-No. 7; V8-No. 5 |
| Clearance | |
| L6-250 Cu.In. | .0003-.0029 |
| V8-350 & 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 |
| L6-250 Cu.In. | | | |
| Bearing No. 1-6 | 2.2999 | .752 | 1.7295 |
| Bearing No. 7 | 2.2999 | .760 | 1.7479 |
| 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 |

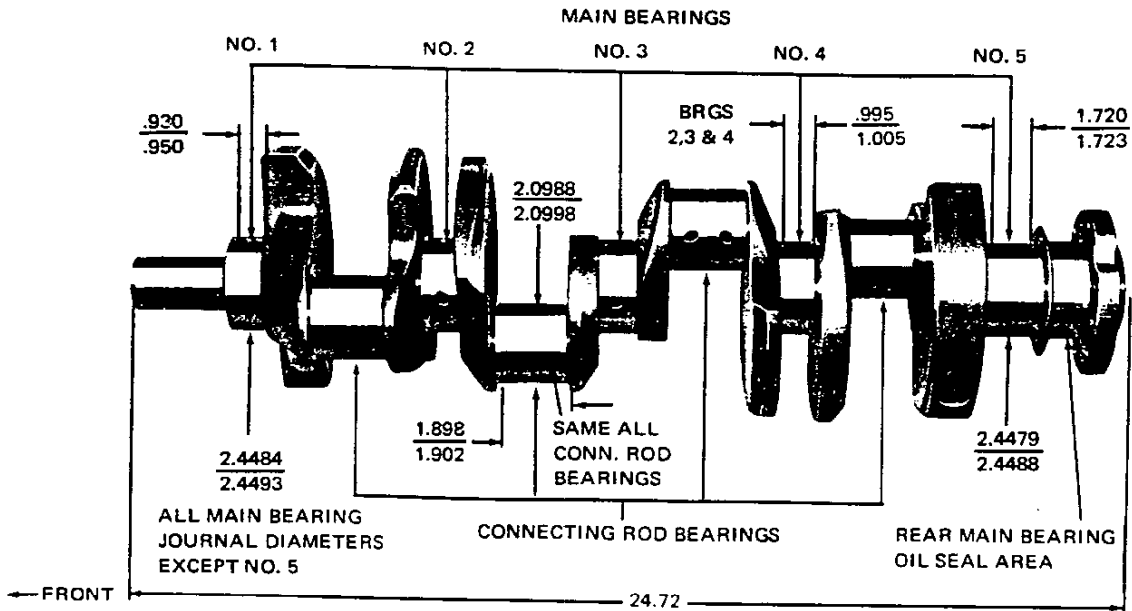
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

CAMSHAFT

Material Cast alloy iron
 Drive
 L6 Gear: bakelite and fabric composition
 V8 Sprocket & chain: steel
 Lobe Lift
 L6-250 Cu.In.2217 Inlet; .2315 Exhaust
 V8-350 & 400 Cu.In.2600 Inlet; .2733 Exhaust
 V8-454 Cu.In.2588 Inlet & Exhaust
 Camshaft Bearing Steel backed babbit

VALVE TRAIN

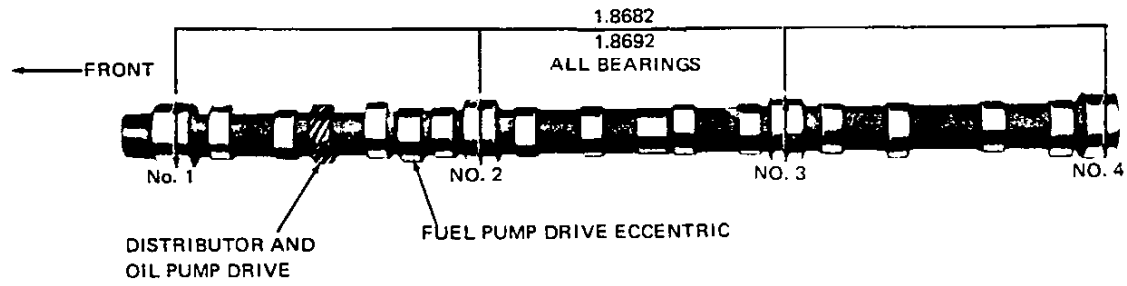
Type Individually mounted, overhead rocker arms, push rod actuated
 Rocker Arms Stamped steel
 Ratio
 L6-250 Cu.In.1.75:1
 V8-350 & 400 Cu.In.1.50:1
 V8-454 Cu.In.1.70:1
 Push Rods
 Type Hollow steel
 Ends
 L6, V8-350 & 400 Cu.In. Hardened
 V8-454 Cu.In. Hardened steel inserts
 Rotators (V8-350, 400 & 454) Exhaust

VALVE SPRINGS

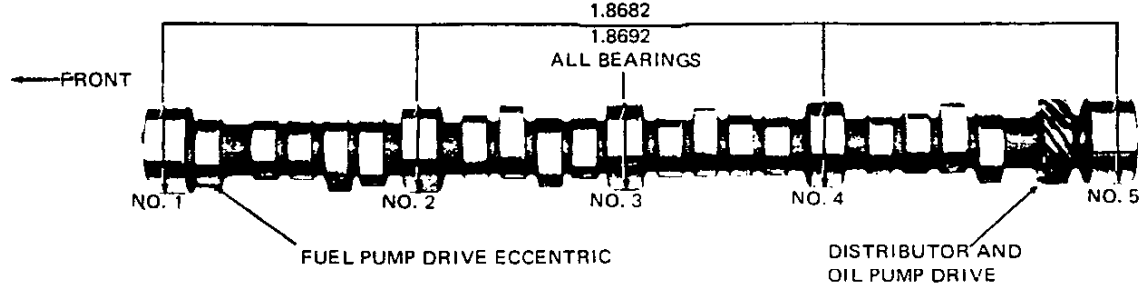
Diameter
 L6-250 Cu.In.872-.888
 V8-350 & 400 Cu.In.868-.884
 V8-454 Cu.In.1.082-1.098
 Installed Length (lb. @ in.)
 Valves closed
 L6-250 Cu.In. 56-64 @ 1.66
 V8-350 & 400 Cu.In.
 Inlet 76-84 @ 1.70
 Exhaust 76-84 @ 1.61
 V8-454 Cu.In. 84-96 @ 1.80
 Valves opened
 L6-250 Cu.In. 180-192 @ 1.27
 V8-350 & 400 Cu.In.
 Inlet 194-206 @ 1.25
 Exhaust 194-206 @ 1.16
 V8-454 Cu.In. 210-230 @ 1.40
 Free Length
 L6-250 Cu.In. 1.90
 V8-350 & 400 Cu.In. 2.03
 V8-454 Cu.In. 2.09
 Valve Spring Damper
 L6-250 Cu.In. None
 V8-350 & 400 Cu.In. Flat steel, 4 coils
 V8-454 Cu.In. Flat steel, 4 coils

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



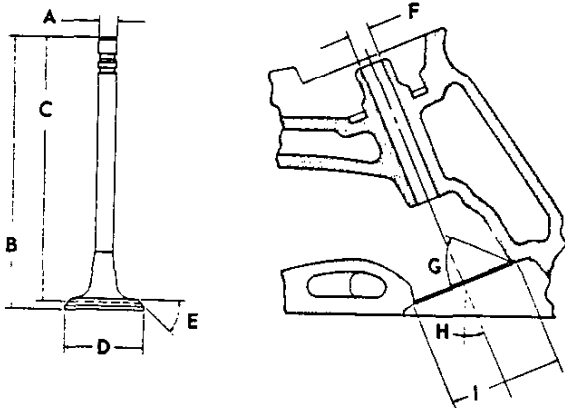
350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INLET VALVES

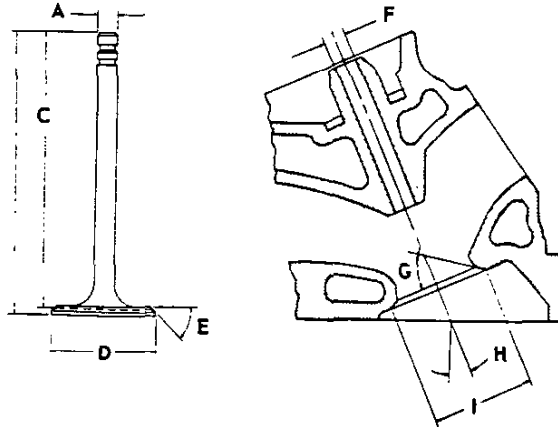
| | |
|------------------------------|--------------------------|
| Material | Alloy steel |
| Coating | |
| L6-250 Cu.In. | Aluminized face |
| V8-350 Cu.In. | None |
| V8-400 Cu.In. | Aluminized face |
| V8-454 Cu.In. | Face and head aluminized |
| All Stems | Chrome flash |
| Valve Guide Inserts (V8-454) | Cast alloy iron |



| | |
|----------------------------------|-------------|
| A - Stem Diameter | |
| L6-250 Cu.In. | .3410-.3417 |
| V8-350 & 400 Cu.In. | .3410-.3417 |
| V8-454 Cu.In. | .3715-.3722 |
| B - Overall Length | |
| L6-250 Cu.In. | 4.902-4.922 |
| V8-350 & 400 Cu.In. | 4.870-4.889 |
| V8-454 Cu.In. | 5.215-5.235 |
| C - Gage Length | |
| L6-250 Cu.In. | 4.785-4.795 |
| V8-350 & 400 Cu.In. | 4.785-4.795 |
| V8-454 Cu.In. | 5.115-5.125 |
| D - Overall Head Diameter | |
| L6-250 Cu.In. | 1.715-1.725 |
| 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 | |
| L6-250 Cu.In. | .3427-.3437 |
| V8-350 & 400 Cu.In. | .3427-.3437 |
| V8-454 Cu.In. | .3732-.3742 |
| G - Angle of Seat | 46° |
| H - Valve Angle | |
| L6-250 Cu.In. | 9° |
| V8-350 & 400 Cu.In. | 23° |
| V8-454 Cu.In. | 4° |
| I - Valve Seat (cutter) Diameter | |
| L6-250 Cu.In. | 1.591-1.597 |
| V8-350 & 400 Cu.In. | 1.823-1.829 |
| V8-454 Cu.In. | 1.962-1.968 |

EXHAUST VALVES

| | |
|------------------------------|--------------------------|
| Material | High alloy steel |
| Coating | |
| L6-250 Cu.In. | Aluminized face |
| V8-350 & 400 Cu.In. | Aluminized face |
| V8-454 Cu.In. | Face and head aluminized |
| All Stems | Chrome flash |
| Valve Guide Inserts (V8-454) | Cast alloy iron |



| | |
|----------------------------------|-------------|
| A - Stem Diameter | |
| L6-250 Cu.In. | .3410-.3417 |
| V8-350 & 400 Cu.In. | .3410-.3417 |
| V8-454 Cu.In. | .3713-.3720 |
| B - Overall Length | |
| L6-250 Cu.In. | 4.913-4.933 |
| V8-350 & 400 Cu.In. | 4.910-4.930 |
| V8-454 Cu.In. | 5.345-5.365 |
| C - Gage Length | |
| L6-250 Cu.In. | 4.781-4.791 |
| V8-350 & 400 Cu.In. | 4.781-4.791 |
| V8-454 Cu.In. | 5.235-5.245 |
| D - Overall Head Diameter | |
| L6-250 Cu.In. | 1.495-1.505 |
| 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 | |
| L6-250 Cu.In. | .3427-.3437 |
| V8-350 & 400 Cu.In. | .3427-.3437 |
| V8-454 Cu.In. | .3732-.3742 |
| G - Angle of Seat | 46° |
| H - Valve Angle | |
| L6-250 Cu.In. | 9° |
| V8-350 & 400 Cu.In. | 23° |
| V8-454 Cu.In. | 4° |
| I - Valve Seat (cutter) Diameter | |
| L6-250 Cu.In. | 1.321-1.327 |
| V8-350 & 400 Cu.In. | 1.321-1.327 |
| V8-454 Cu.In. | 1.583-1.589 |

PRINCIPAL COMPONENTS

VALVE LIFT

| | |
|-----------------------------|----------------------------|
| L6-250 cu.In. | .3880 Inlet; .4051 Exhaust |
| V8-350 & 400 Cu.In. | .3900 Inlet; .4100 Exhaust |
| V8-454 Cu.In. | .4400 Inlet & Exhaust |

VALVE TIMING (Crankshaft Degrees - Excluding Ramps)

| | |
|------------------------|------|
| L6-250 Cu.In. | |
| Inlet Valve | |
| Opens - BTC | 16° |
| Closes - ABC | 48° |
| Duration | 244° |
| Exhaust Valve | |
| Opens - BBC | 64° |
| Closes - ATC | 50° |
| Duration | 294° |
| V8-350 Cu.In. | |
| Inlet Valve | |
| Opens - BTC | 28° |
| Closes - ABC | 72° |
| Duration | 280° |
| Exhaust Valve | |
| Opens - BBC | 78° |
| Closes - ATC | 30° |
| Duration | 288° |
| V8-400 Cu.In. | |
| Inlet Valve | |
| Opens - BTC | 28° |
| Closes - ABC | 72° |
| Duration | 280° |
| Exhaust Valve | |
| Opens - BBC | 78° |
| Closes - ATC | 30° |
| Duration | 288° |
| V8-454 Cu.In. | |
| Inlet Valve | |
| Opens - BTC | 55° |
| Closes - ABC | 111° |
| Duration | 346° |
| Exhaust Valve | |
| Opens - BBC | 105° |
| Closes - ATC | 63° |
| Duration | 348° |

PISTONS

| | |
|-------------------------------|---------------------|
| Material | Cast aluminum alloy |
| Head Type | |
| L6-250 Cu.In. | Sump |
| V8-350 Cu.In. | Sump |
| V8-400 Cu.In. | Sump |
| V8-454 Cu.In. | Flat, valve cutout |
| Skirt Type | Slipper |
| Top Land Clearance | |
| L6-250 Cu.In. | .0245-.0335 |
| V8-350 Cu.In. | .0235-.0325 |
| V8-400 Cu.In. | .0365-.0455 |
| V8-454 Cu.In. | .0270-.0330 |
| Skirt Clearance | |
| L6-250 Cu.In. | .0005-.0015 |
| V8-350 Cu.In. | .0007-.0017 |
| V8-400 Cu.In. | .0014-.0024 |
| V8-454 Cu.In. | .0018-.0028 |
| Compression Ring Groove Depth | |
| L6-250 Cu.In. | .2153-.2218 |
| V8-350 Cu.In. | .2218-.2308 |
| V8-400 Cu.In. | .2328-.2393 |
| V8-454 Cu.In. | .2350-.2410 |
| Oil Ring Groove Depth | |
| L6-250 Cu.In. | .2093-.2158 |
| V8-350 Cu.In. | .2038-.2103 |
| V8-400 Cu.In. | .2183-.2248 |
| V8-454 Cu.In. | .2185-.2245 |
| Pin Bore Offset | .055-.065 |
| Compression Height | |
| L6-250 Cu.In. | 1.658-1.662 |
| V8-350 & 400 Cu.In. | 1.558-1.562 |
| V8-454 Cu.In. | 1.641-1.649 |

PISTON PINS

| | |
|-----------------------------|----------------|
| Material | Chromium steel |
| Length | |
| L6-250 Cu.In. | 2.990-3.010 |
| V8-350 & 400 Cu.In. | 2.990-3.010 |
| V8-454 Cu.In. | 2.930-2.950 |
| Diameter | |
| L6-250 Cu.In. | .9270-.9273 |
| V8-350 & 400 Cu.In. | .9270-.9273 |
| V8-454 Cu.In. | .9895-.9898 |
| Clearance in Piston | |
| L6-250 Cu.In. | .00015-.00025 |
| V8-350 & 400 Cu.In. | .00025-.00035 |
| V8-454 Cu.In. | .00030-.00040 |

PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

| | |
|----------------|---|
| Material | Cast alloy iron |
| Type | Straight edge inside of ring |
| Face | Barrel |
| Coating | |
| L6-250 Cu.In. | Wear resistant coating molybdenum inlay, graphite impregnated |
| V8-350 Cu.In. | Chrome Plate |
| V8-400 Cu.In. | Wear resistant coating, molybdenum inlay |
| V8-454 Cu.In. | Wear resistant coating, molybdenum inlay, graphite impregnated |
| Width | |
| L6-250 Cu.In. | .0775-.0780 |
| V8-350 Cu.In. | .0775-.0780 |
| V8-400 Cu.In. | .0770-.0780 |
| V8-454 Cu.In. | .0770-.0775 |
| Wall Thickness | |
| L6-250 Cu.In. | .184-.194 |
| V8-350 Cu.In. | .190-.200 |
| V8-400 Cu.In. | .196-.206 |
| V8-454 Cu.In. | .202-.212 |
| Gap | .010-.020 |

COMPRESSION RINGS - LOWER

| | |
|---------------------|---|
| Material | Cast alloy iron |
| Type | Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 & V8-350; 50 degrees for V8-454 |
| Face | Tapered |
| Coating | |
| L6-250 Cu.In. | Wear resistant |
| V8-350 Cu.In. | Wear resistant |
| V8-400 & 454 Cu.In. | Chrome plate |
| Width | |
| L6-250 Cu.In. | .0770-.0780 |
| V8-350 Cu.In. | .0770-.0775 |
| V8-400 Cu.In. | .0770-.0780 |
| V8-454 Cu.In. | .0770-.0775 |
| Wall Thickness | |
| L6-250 Cu.In. | .184-.194 |
| V8-350 Cu.In. | .190-.200 |
| V8-400 Cu.In. | .196-.206 |
| V8-454 Cu.In. | .202-.212 |
| Gap | |
| L6-250 Cu.In. | .010-.020 |
| 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) | |
| L6-250 Cu.In. | .1850-.1870 |
| V8-350 Cu.In. | .1850-.1870 |
| V8-400 Cu.In. | .1850-.1870 |
| V8-454 Cu.In. | .1855-.1875 |
| Wall Thickness | |
| L6-250 Cu.In. | .152-.158 |
| V8-350 Cu.In. | .150-.156 |
| V8-400 Cu.In. | .144-.150 |
| V8-454 Cu.In. | .144-.150 |
| Gap | |
| L6-250 Cu.In. | .015-.055 |
| 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) | |
| L6-250 Cu.In. | 5.695-5.705 |
| 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 | |
| L6-250 Cu.In. | Copper lead alloy or sintered copper nickel backed babbitt on steel |
| V8-350, 400 & 454 Cu.In. | Premium aluminum |
| Type | Precision removable |
| Clearance | |
| L6-250 Cu.In. | .0007-.0027 |
| V8-350 & 400 Cu.In. | .0013-.0035 |
| V8-454 Cu.In. | .0009-.0025 |
| Theoretical I.D. | |
| L6-250 Cu.In. | 2.0017 |
| V8-350 & 400 Cu.In. | 2.1012 |
| V8-454 Cu.In. | 2.2012 |
| Effective Length | |
| L6-250 Cu.In. | .807 |
| V8-350 & 400 Cu.In. | .797 |
| V8-454 Cu.In. | .847 |
| End Play | |
| L6-250 Cu.In. | .007-.016 |
| V8-350 Cu.In. | .006-.016 |
| V8-400 Cu.In. | .008-.014 |
| V8-454 Cu.In. | .015-.023 |

FUEL SYSTEM

FUEL TANK

| | |
|--------------------------------------|----------------------------------|
| Capacity (Gallons) | |
| All models except El Camino . . . | 22 (approximately) |
| El Camino | 26 (approximately) |
| Fuel Tank Location | Behind rear axle |
| Filler Location | |
| Station Wagons & El Camino | Left rear quarter panel |
| Remaining Models | Behind hinged rear license plate |

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) | |
| L6-250 Cu.In. | 4.00-5.00 PSI at pump outlet |
| 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 | |
| L6-250 Cu.In. | 12.62 |
| V8-350 Cu.In. | 15.48 |
| V8-400 Cu.In. | 15.48 |
| V8-454 Cu.In. | 15.48 |
| Filter Element | Oil-wetted paper |

CARBURETORS

| | |
|--|--|
| Make and Type | |
| L6-250 Cu.In. | 1-barrel, Monojet |
| V8-350 Cu.In. (L65) | 2-barrel |
| V8-350 Cu.In. (LM1) | 4-barrel |
| V8-400 Cu.In. (LT4) | 4-barrel |
| V8-454 Cu.In. | 4-barrel, Quadrajet |
| SAE Flange Type | 1.50 |
| Throttle Bore | |
| L6-250 Cu.In. | 1.69 |
| V8-350 Cu.In. (L65) | 1.69 |
| V8-350 (LM1), 400 (LT4) & 454 Cu.In. | |
| Primary | 1.38 |
| Secondary | 2.25 |
| Secondary Throttle Actuation | By linkage approximately when primary valves are opened halfway between closed and open. |
| Venturi Diameter | |
| L6-250 Cu.In. | 1.31 |
| V8-350 Cu.In. (L65) | 1.19 |
| V8-350 (LM1), 400 (LT4) & 454 Cu.In. | |
| Primary | 1.218 |
| Secondary | Air valve |

CHOKE

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

EXHAUST SYSTEMS

TYPE

| | |
|---|--|
| L6-250 Cu.In. | Single with crossover pipes and converter |
| V8-350 & 400 Cu.In. | Single with crossover pipes and converter |
| V8-454 Cu.In. & V8-400 for California | Dual exhaust, with crossover and converter |

MUFFLERS

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

Head

| | |
|-----------------------|------------------------------|
| L6-250 Cu.In. | .054 sheet steel, aluminized |
| 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

| | |
|-----------------------------|-------------------------------|
| L6-250 Cu.In. | .048 sheet steel, zinc coated |
| V8-350 & 400 Cu.In. | .054 sheet steel, zinc coated |
| V8-454 Cu.In. | .054 sheet steel, zinc coated |

| | |
|------------------------|-----------------------------|
| Cover | .015 sheet steel aluminized |
| Length, Body | 21.25 |

Width

| | |
|-----------------------------|-------|
| L6-250 Cu.In. | 10.50 |
| V8-350 & 400 Cu.In. | 11.00 |
| V8-454 Cu.In. | 11.00 |

Height

| | |
|-----------------------------|------|
| L6-250 Cu.In. | 4.06 |
| V8-350 & 400 Cu.In. | 4.50 |
| V8-454 Cu.In. | 4.50 |

EXHAUST CROSSOVER PIPE TO CONVERTER

Dimensions (O.D.) & Wall Thickness

| | |
|----------------------------------|-----------------------|
| L6-250 Cu.In. | 2.25 x .060 laminated |
| V8-350 & 400 Cu.In. | 2.00 x .079 laminated |
| V8-400 Cu.In. (Calif.) | 2.25 x .079 laminated |
| V8-454 Cu.In. | 2.25 x .079 laminated |

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimensions (O.D.) & Wall Thickness

| | |
|----------------------------------|-------------|
| L6-250 Cu.In. | 2.50 x .071 |
| V8-350 & 400 Cu.In. | 2.50 x .071 |
| V8-400 Cu.In. (Calif.) | 2.25 x .071 |
| V8-454 Cu.In. | 2.25 x .071 |

EXHAUST PIPE - MUFFLER TO RESONATOR

| | |
|-----------------------|-------------|
| V8-400 Cu.In. | 2.00 x .056 |
|-----------------------|-------------|

RESONATORS (V8-400 Cu.In. only)

| | |
|----------------------|------------------------------|
| Type | Bottle type |
| Inner tube | .036 sheet steel, aluminized |
| Outer tube | .060 sheet steel, aluminized |

TAIL PIPES

Dimensions (o.D.) & Wall Thickness

| | |
|---|-------------|
| L6-250 Cu.In. | 2.00 x .056 |
| V8-350 Cu.In. | 2.25 x .071 |
| V8-400 Cu.In. (Except Calif.) | 2.50 x .071 |
| V8-400 Cu.In. (California) | 2.00 x .056 |
| V8-454 Cu.In. | 2.00 x .056 |

EMISSION CONTROL EQUIPMENT

SYSTEM APPLICATION

| System Type | Engine Adaptation | | | | |
|---------------------------------------|-------------------|--------------|--------------|--------|--------|
| | L6-250 | V8-350 (L65) | V8-350 (LM1) | V8-400 | V8-454 |
| PCV - Positive Crankcase Ventilation | *** | * | ** | *** | * |
| EGR - Exhaust Gas Recirculation | *** | * | ** | *** | * |
| CHA - Carburetor Hot Air | *** | * | ** | *** | * |
| CAI - Converter Air Injection | ** | | ** | *** | |
| FEC - Fuel Evaporation Control System | *** | * | ** | *** | * |
| CCS - Controlled Combustion System | * | * | | | |
| UFC - Underfloor Converter | *** | * | ** | *** | * |
| EFE - Early Fuel Evaporation | *** | * | ** | *** | * |
| MAI - Manifold Air Injection | | | | | * |

- * - Not available in California.
- ** - 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 the combustion cycle.

EXHAUST GAS RECIRCULATION SYSTEM

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

CARBURETOR HOT AIR

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

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 vapors 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

Increased 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.

COOLING SYSTEM

GENERAL

| | |
|----------------------|---------------------|
| Type | Liquid, pressurized |
| Capacity with Heater | |
| L6-250 Cu.In. | 14 qts. |
| V8-350 & 400 Cu.In. | 17 qts. |
| V8-454 Cu.In. | 23 qts. |

RADIATOR

| | |
|-----------------------------|---------------------------|
| Make and Type | Harrison, tube and center |
| Core constant and thickness | |
| Distance between fins | |
| L6-250 Cu.In. | .16 |
| V8-350 Cu.In. (L65) | .18 |
| V8-350 Cu.In. (LM1) | .18 |
| V8-400 Cu.In. | .16 |
| V8-454 Cu.In. | .22 |
| Distance between tubes | .55 |
| Thickness of core | |
| L6-250 Cu.In. | 1.24 |
| V8-350 Cu.In. (L65) | 1.24 |
| V8-350 Cu.In. (LM1) | 1.24 |
| V8-400 Cu.In. | 1.24 |
| V8-454 Cu.In. | 1.98 |
| Frontal area (sq.in.) | |
| L6-250 Cu.In. | 353 |
| V8-350, 400 & 454 Cu.In. | 480 |
| Overflow | Separate coolant bottle |

RADIATOR HEAVY DUTY (RPO V01)

| | |
|-----------------------------|--------------------------|
| Core constant and thickness | |
| Distance between fins | |
| L6-250 Cu.In. | .14 |
| V8-350 Cu.In. | .14 |
| V8-400 Cu.In. | .14 |
| V8-454 Cu.In. | .14 |
| Distance between tubes | .55 |
| Thickness of core | |
| L6-250 Cu.In. | 1.24 |
| V8-350 Cu.In. (L65) | 1.24 |
| V8-350 Cu.In. (LM1) | 1.96 |
| V8-400 & 454 Cu.In. | 1.96 |
| Frontal area (sq. in.) | |
| L6-250 Cu.In. | 353 |
| V8-350 & 400 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 | 227° |
| Thermostat By-Pass Hose | |
| V8-454 Cu.In. | .745 ID |

RADIATOR HOSE

| | |
|--|---------|
| Outlet, lower (radiator to water pump) | 1.75 ID |
| Inlet, upper (thermostat hsg. to radiator) | 1.50 ID |

FAN

| | |
|----------------------------------|-------|
| Number of Blades | |
| All engines except V8-454 Cu.In. | 4 |
| V8-454 Cu.In. | 7 |
| Diameter | |
| L6-250 Cu.In. | 17.62 |
| V8-350 & 400 Cu.In. | 19.00 |
| V8-454 Cu.In. | 19.50 |
| Fan pulley pitch diameter | 7.00 |

BELTS, CRANKSHAFT, FAN AND GENERATOR

| | |
|------------------------------------|---------|
| Number used | One |
| Angle of "V" | 34°-38° |
| Pitch line | |
| L6-250 Cu.In. | 38.00 |
| V8-350 & 400 Cu.In. | |
| used in all states except Calif. | 44.50 |
| V8-350 & 400 Cu.In. used in Calif. | 47.50 |
| V8-454 Cu.In. | 46.50 |
| Width | .380 |

WATER PUMP

| | |
|----------------------------|--|
| Type | Centrifugal |
| Capacity | |
| L6-250 Cu.In. | 24.4 GPM @ 2000 engine RPM |
| 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) | |
| L6-250 Cu.In. | 1.65:1 |
| V8-350 & 400 Cu.In. | .949:1 |
| V8-454 Cu.In. | 1.25:1 |

DRAIN LOCATIONS AND TYPE

| | |
|---------------------|------------------------------|
| Engine Block - Plug | |
| L6-250 Cu.In. | Left side rear |
| 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 |

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

| | |
|--|--|
| Voltage Rating and Watts | |
| L6-250 Cu.In. | 12-2300 |
| V8-350 & 400 Cu.In. | 12-2900 |
| V8-454 Cu.In. | 12-4000 |
| Number of Cells and Plates | |
| L6-250 Cu.In. | 6-54 |
| V8-350 & 400 Cu.In. | 6-66 |
| V8-454 & Heavy Duty | 6-78 |
| Cold Cranking Rating | |
| L6-250 Cu.In. 0° @ 275 amps. - 20° @ 210 amps. 60 minutes reserve capacity | |
| V8-350 & 400 Cu.In. 0° @ 350 amps. - 20° @ 270 amps. @ 100 minutes reserve capacity | |
| V8-454 & Heavy Duty 0° @ 445 amps. - 20° @ 375 amps. 125 minutes reserve capacity | |
| Terminal Grounded | Negative |
| Location | Right side front of engine compartment |

GENERATOR

| | |
|--|----------------------------|
| Type | Diode rectified |
| Rating | |
| Amps | 37 |
| Volts | 12-15 |
| Drive | By fan belt |
| Pulley Pitch Diameter | 2.43 |
| Ratio (Gen. to Engine Speed) | 2.73:1; (V8-454) 3.12:1 |

REGULATOR

| | |
|-------------------|---|
| Type | Micro circuit unit; integral with alternator |
| Voltage | 13.8-14.8 @ 85 degrees F |

IGNITION SYSTEM

| | |
|------------------------|-------------------------------|
| TYPE | High Energy Ignition (H.E.I.) |
| DISTRIBUTORS | Refer to chart below |

COIL

| | |
|--------------------------|---------|
| Type | 12-Volt |
| Amperes Drawn | |
| Engine Stopped | 4.0 |
| Engine Idling | 1.8 |

SPARK PLUGS

| | |
|-----------------------------|------------|
| Type | |
| L6-250 Cu.In. | ACR46TX |
| V8-350 & 400 Cu.In. | ACR44TX |
| V8-454 Cu.In. | ACR44TX |
| Thread Size (mm) | 14 |
| Gap | .060 |
| Torque | 25 lb. ft. |

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

STARTING SYSTEM

STARTING MOTOR

| | |
|-------------------------------------|---------------------------|
| Rotation (Drive End View) | Clockwise |
| Test Conditions | Engine at operating temp. |
| No Load Test | |
| Amps | |
| L6-250 Cu.In. | 49-87 |
| V8-350 & 400 Cu.In. | 70-99 |
| V8-454 Cu.In. | 70-99 |
| Volts | 10.6 |
| RPM | |
| L6-250 Cu.In. | 6200-10700 |
| V8-350, 400 & 454 Cu.In. | 7800-12000 |
| Motor Drive | |
| Engagement | Solenoid |
| Pinion Tooth No. | 9 |
| Flywheel Tooth No. | 153; 168 (V8-454) |

| DISTRIBUTORS | Transmission | L6-250 Cu.In. L22 | | V8-350 Cu.In. | | V8-400 Cu.In. | V8-454 Cu.In. |
|--|--------------|----------------------|---------------|---------------|--------------|---------------|---------------|
| | | | | L65 | LM1 | LT4 | LS4 |
| Model | Manual | 1112863 | - | 1112880 | 1112880 | - | - |
| | Automatic | 1112863 | 1110650* | 1112880 | 1112880 | 1112882 | 1112886 |
| Type | | High Energy Ignition | | | | | |
| Centrifugal advance begins @ RPM | | 0° @ 1100 | 0° @ 1200 | 0° @ 1200 | 0° @ 1200 | 0° @ 1000 | 0° @ 1100 |
| Maximum degrees @ RPM | | 20° @ 4200 | 14° @ 4200 | 22° @ 4200 | 22° @ 4200 | 15° @ 2800 | 18° @ 4200 |
| Vacuum advance begins @ In. Hg. | | 0° @ 4 | 0° @ 4 | 0° @ 4 | 0° @ 4 | 0° @ 8 | 0° @ 4 |
| Max. deg. @ In. Hg. | | 16° @ 15 | 16° @ 15 | 18° @ 12 | 18° @ 12 | 14° @ 15.5 | 18° @ 7 |
| Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected | Manual | 10° BTC @ 800 | - | 6° BTC @ 800 | 6° BTC @ 800 | - | - |
| | Automatic | 0° BTC @ 600 | 10° BTC @ 600 | 6° BTC @ 600 | 6° BTC @ 600 | 8° BTC @ 600 | 16° BTC @ 600 |
| Timing mark location | | Torsional damper | | | | | |

CLUTCHES AND TRANSMISSIONS

CLUTCHES

| Engine | Type - Cubic Inch | L6-250 | V8-350 | | |
|-------------------------------|-----------------------|--|-------------------------------|---------|--|
| | Availability | Standard | RPO L65 | RPO LM1 | |
| Type | | Single dry disc | Single dry disc, centrifugal | | |
| Clutch Cover & pressure plate | Eff. plate load, lbs. | 1650-1900 | 2100-2300 | | |
| | Press. plate mat. | Cast iron | Nodular Iron | | |
| | Clutch spring type | Diaphragm | Diaphragm, bent finger design | | |
| | Clutch spring matl. | Heat treated spring steel | | | |
| Driven plate | Type | Single disc with two friction surfaces | | | |
| | Cushions | Flat spring steel between friction rings | | | |
| | Dampers | (a) | (b) | | |
| | Friction rings | OD | 9.12 | 10.34 | |
| | | ID | 6.12 | 6.50 | |
| | | Total area sq. in. | 71.82 | 101.54 | |
| | Material | Woven type asbestos | | | |
| Flywheel | Material | | | | |
| Flywheel & Ring Gear | Material | Cast iron | | | |
| | Ring gear | Material | Heat treated HR steel | | |
| | | No. of teeth | 153 | 168 | |
| | | PD | 12.75 | 14.00 | |
| Attachment | Shrink fit | | | | |
| Bearings | Release | Type | Single row ball | | |
| | | Lubrication | None, prepacked | | |
| | Pilot | Type | Bronze bushing | | |
| | | Lubrication | Sintered oil impregnated | | |
| Controls | Clutch for, | Drop forged steel, pivot mounted on ball | | | |
| | Pedal mounting | Pendant, from brace on dash | | | |
| | Lubrication | Crossover shaft | | | |
| Clutch housing material | Aluminum alloy | | | | |

(a) 6 outer coil springs and 3 inner coil springs equally spaced

(b) 12 coil springs (6 sets of two)

3-SPEED TRANSMISSIONS

| Transmission Type | | 3-Speed | | |
|-------------------|--------------------|--|---------------|------|
| Engine | Type - Cubic Inch | L6-250 | V8-350 | |
| | Application | Availability | RPO L65 & LM1 | |
| Case Material | | Base | | |
| Gear Shift | Type | Remote | | |
| | Control | Lever | | |
| | Location | Steering column | | |
| Gears | Type | Helical | | |
| | Material | Forged steel hardened | | |
| | Synchronization | All forward gears | | |
| | Constant mesh gear | All gears | | |
| | Sliding gears | None | | |
| | Ratio | First | 3.11 | 2.85 |
| | | Second | 1.84 | 1.68 |
| Third | | 1.00 | 1.00 | |
| Fourth | | | | |
| Reverse | | 3.22 | 2.93 | |
| Lubricant | Type | Meeting Military Specifications MIL-L-2105B | | |
| | Capacity (pts) | 3 | | |
| Extension | Material | Cast iron | | |
| | Oil Seal | Steel encased seal of spring loaded silicone | | |

TRANSMISSIONS

TURBO HYDRA-MATIC TRANSMISSION

| Engine | Displacement | L6-250 | V8-350 & 400 | V8-454 | |
|-----------------------|---|---|---|------------------------------------|--------------------------|
| General Data | Type | Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse. | | | |
| | Selector lever | Location | Steering column (a) | | |
| | | Operation | Actuates controls by a hydraulic system from pressurized gear type pump | | |
| | Parking Lock | Quadrant pattern | P-R-N-D-L2-L1 | | |
| | | Type | Locking pawl | | |
| | Lock | Operation | Applied by selector lever through manual linkage | | |
| | Method of cooling | | Water | | |
| Hydraulic System | Flywheel assembly | Steel stamping with welded on ring gear | | | |
| | Oil pressure pump | Supplies hydraulic pressure from an engine driven gear type pump | | | |
| | 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 (b) | Drive | 55 | 60 | 70 |
| | | L2 | 80 | 87 | 150 |
| L1 | | 80 | 87 | 150 | |
| Reverse | | 84 | 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 | | | |
| Planetary Gear Set | Diameter (nominal) | 11.75 | | 12.20 | |
| | 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 - 1.51:1 | | 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 | Three, multiple disk | Four, multiple disk | Three, multiple disk | |
| | Material | Drive plates | Steel with bonded organic facings | | |
| | | Driven plates | Flat steel | | |
| | Forward clutch | 4 each drive & driven plates | 5 each drive & driven plates | 5 each drive & driven plates | |
| | Direct clutch | 3 each drive & driven plates | 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 | 4 each drive & drive plates | 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 | 3 | | 9 | |

(a) Floor mounted available when bucket seats are used; quadrant changes to P-R-N-3-2-1.

(b) Conditions: 600 RPM input

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 frame with front crossmember, rear axle upper control arm crossmember, and rear crossmember. Rear axle kick-up box welded construction.

Body Mountings

Coupes 7 each side of frame, 10 double cushions and 4 single cushions
Sedans 7 each side of frame, 12 double cushion and 2 single cushions
Station Wagon & Pickup 7 each side of frame, 10 double cushion and 4 single cushions

FRONT SUSPENSION

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

Wheel travel (design)

Total 7.82
Jounce 3.54
Rebound 4.28
Wheel to spring travel ratio 2.09:1

CONTROL ARMS

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

STEERING KNUCKLES

Description Nodular iron with integral steering knuckle arm.

Spindle diameters

Inner bearing 1.2493-1.2498
Outer bearing7493-.7498

Spindle thread size 3/4-20 NEF-3 (modified)

Wheel bearing

Type Taper roller
Number Two per spindle

SPHERICAL JOINTS

Type Ball studs, upper self-adjusting for wear
Bearing surfaces

Upper Teflon-cotton composite on phenolic
Lower Sintered iron

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
Piston diameter 1.00

STABILIZER BAR - OPTIONAL

Type Link

Material HR steel

Diameter

Coupes, Sedans and Pickup 0.875
Station Wagons 1.00

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) Left $P1 \pm 1/2$; Right $P1/2 \pm 1/2$

Caster (degrees)

Manual steering $N1-1/4 \pm 1/2$

Power steering $N1/4 \pm 1/2$

Toe (Total) $1/16 \pm 1/16$

Steering axis inclination (degrees) $9.6 @ 1^\circ$ 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 spring for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

| Part Number | Assy. Code | Cut-Off Length | Wire Dia. | Total Coils | Deflection Rate (lbs/in.) | HEIGHTS | |
|-------------|------------|----------------|-----------|-------------|---------------------------|---------|----------------------|
| | | | | | | Free | Working (In. @ Lbs.) |
| 334447 | KT | 128.96 | .668 | 8.49 | 365 | 16.23 | 11.0 @ 1900 |
| 334450 | KU | 132.09 | .674 | 8.69 | 365 | 16.44 | 11.0 @ 1975 |
| 334451 | KV | 133.68 | .677 | 8.79 | 365 | 16.64 | 11.0 @ 2050 |
| 334452 | KW | 135.26 | .679 | 8.89 | 365 | 16.85 | 11.0 @ 2125 |
| 334453 | KX | 138.40 | .685 | 9.09 | 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 |
| 3988125 | BT | 146.63 | .716 | 9.82 | 400 | 17.10 | 11.0 @ 2430 |
| 3988126 | BW | 148.23 | .719 | 9.92 | 400 | 17.30 | 11.0 @ 2510 |
| 3988127 | BX | 151.40 | .724 | 10.12 | 400 | 17.50 | 11.0 @ 2590 |
| 3988141 | FN | 116.12 | .702 | 7.82 | 500 | 14.83 | 11.0 @ 1900 |
| 3988142 | GN | 116.15 | .702 | 7.82 | 500 | 15.03 | 11.0 @ 2000 |
| 3988143 | JB | 128.77 | .728 | 8.62 | 500 | 15.23 | 11.0 @ 2100 |
| 3988144 | JI | 128.79 | .728 | 8.62 | 500 | 15.43 | 11.0 @ 2200 |
| 3988145 | JC | 128.82 | .728 | 8.62 | 500 | 15.63 | 11.0 @ 2300 |
| 3988146 | JD | 138.34 | .746 | 9.22 | 500 | 15.83 | 11.0 @ 2400 |
| 3988147 | JP | 138.37 | .746 | 9.22 | 500 | 16.03 | 11.0 @ 2500 |
| 3988148 | JE | 141.57 | .751 | 9.42 | 500 | 16.23 | 11.0 @ 2600 |
| 6262426 | DJ | 126.26 | .680 | 8.29 | 400 | 15.90 | 11.0 @ 1950 |
| 6262427 | DK | 129.40 | .686 | 8.49 | 400 | 16.10 | 11.0 @ 2030 |
| 6262428 | DL | 130.99 | .688 | 8.59 | 400 | 16.30 | 11.0 @ 2110 |
| 6262429 | DM | 132.58 | .691 | 8.69 | 400 | 16.50 | 11.0 @ 2190 |
| 6262430 | DN | 135.73 | .697 | 8.89 | 400 | 16.70 | 11.0 @ 2270 |
| 6272855 | HE | 137.32 | .700 | 8.99 | 400 | 16.90 | 11.0 @ 2350 |

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

| | |
|-------------------------------------|--|
| Availability | |
| Manual | Standard with L-6 engine |
| Power | Standard with all V-8 engines Optional with L-6 engine |
| Wheel | |
| Type | Oval with center shroud |
| Diameter | 15.25 x 14.75 |
| Optional | Tilt |
| Column | Energy absorbing - mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions |
| Gear Type | |
| Manual | Recirculating ball nut |
| Power | Integral, recirculating ball nut with hydraulic pressure provided from a vane type pump. |
| Ratios, Gear | |
| Manual | 28.0:1 |
| Power | 16.0:1 on center to 13.0:1 |
| Ratios, Overall | |
| Manual | 32.8:1 on center to 34.7:1 |
| Power | Except Station Wagons . . . 17.6:1 on center to 14.3:1 Station Wagons . . . 18.7:1 on center to 16.1:1 |
| Number of wheel turns, lock to lock | |
| Manual | 6.64 |
| Power | Except St. Wagns. 3.30 Station Wagons 3.37 |
| Linkage | Parallelogram, front of wheels; hydraulic damper used on relay rod |
| Turning Diameters | |
| Outside front, wall to wall | |
| Manual | 42.64 |
| Power - Except Station Wagons | 43.06 |
| Power - Station Wagons | 42.86 |
| Outside front, curb to curb | |
| Manual | 39.46 |
| Power - Except Station Wagons | 39.89 |
| Power - Station Wagons | 39.74 |

DRIVELINE

| | |
|--------------------------|-------------------------|
| Type | Tubular, exposed |
| Number used | One |
| Diameter (O.D.) | |
| 116" Wheelbase | 3.00 |
| 112" Wheelbase | 2.75 |
| Length (C/L of U joints) | |
| 116" Wheelbase | 57.65 |
| 112" Wheelbase | 53.65 |
| Wall Thickness | 0.065 |
| Universal Joints | |
| Type | Cross |
| Number used | Two |
| Bearings | Pre-pack, anti-friction |

WHEELS

| | |
|--------------------------|--------------------|
| Type | Short spoke spider |
| Size & Offset | |
| Coupes & Sedans | 15 x 16 - .050 |
| Station Wagons & Pickups | 15 x 7 - .030 |
| Attachment to Hub | |
| Type | 5 hex nuts |
| Thread size | 7/16-20 UNF 2-B |
| Bolt circle diameter | 4.75 |

TIRES, STANDARD EQUIPMENT

| | |
|----------------------------------|-------|
| Coupes & Sedans | |
| FR78 x 15B - Steel belted radial | |
| Static loaded radius | 12.02 |
| Loaded rev/mi @ 45 mph | 796 |
| Capacity @ 24 psi | 1190 |
| Pickups | |
| GR78 x 15B - Steel belted radial | |
| Static loaded radius | 12.31 |
| Loaded rev/mi @ 45 mph | 777 |
| Capacity @ 24 psi | 1310 |
| Station Wagons | |
| HR78 x 15B - Steel belted radial | |
| Static loaded radius | 12.69 |
| Loaded rev/mi @ 45 mph | 752 |
| Capacity @ 24 psi | 1510 |

TIRES, OPTIONAL EQUIPMENT

| | |
|----------------------------------|--|
| Coupes & Sedans | |
| GR78 x 15B - Steel belted radial | |
| HR78 x 15B - Steel belted radial | |
| Pickups | |
| HR78 x 15B - Steel belted radial | |

REAR AXLE AND SUSPENSION

REAR AXLE

| | |
|---|--|
| Description | Semi-floating axle shafts housing consists of two welded tubes pressed into crossbore of cast iron carrier. Carrier contains an overhung hypoid drive pinion and supported by two taper roller bearings. |
| Drive pinion vertical offset | 1.50 |
| Hypoid gear PD (see Power Trains 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 | SAE 80 |
| Capacity (pts) | |
| 8.50 hypoid gear | 4.25 |
| 8.875 hypoid gear | 4.90 |

AXLE SHAFT

| | |
|----------------|---|
| Type | Forged with 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 (See Power Train Section for application) | |
| 2.56 | 41,16 |
| 2.73 | 41,15 |
| 3.08 | 40,13 |
| 8.875 (See Power Trains) | |
| 2.73 | 41,15 |
| 3.08 | 40,13 |

POSITRACTION DIFFERENTIAL (See Power Trains)

| | |
|------|------------------------|
| Type | Multiple disc clutches |
|------|------------------------|

REAR SUSPENSION

| | |
|-------------|--|
| Description | Link type. 2 upper and 2 lower control arms supporting rear axle. Drive and torque taken through control arms. |
|-------------|--|

Wheel travel (design)

| | |
|------------------------------|--------|
| Total | |
| Coupes and Sedans | 8.67 |
| Station Wagons and Pickups | 8.10 |
| Jounce | |
| Coupes and Sedans | 3.80 |
| Station Wagons and Pickups | 3.00 |
| Rebound | |
| Coupes and Sedans | 4.87 |
| Station Wagons and Pickups | 5.10 |
| Wheel to spring travel ratio | 0.97:1 |

SHOCK ABSORBERS

| | |
|-----------------|--|
| Type | Direct, double-acting, hydraulic; air booster type for Sedan Pickup. |
| Piston diameter | 1.00 |

REAR AXLE AND SUSPENSION

REAR 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.

REAR SPRING SPECIFICATIONS

| Part Number | Assy. No. | Cut-Off Length | Wire Dia. | Total Coils | Deflection Rate (lbs./inch) | HEIGHTS | |
|-------------|-----------|----------------|-----------|-------------|-----------------------------|---------|----------------------|
| | | | | | | Free | Working (In. @ Lbs.) |
| 482062 | XG | 123.4 | .560 | 7.23 | 115 | 17.39 | 10.0 @ 850 |
| 484799 | YV | 109.4 | .568 | 6.50 | 140 | 16.07 | 10.0 @ 850 |
| 485685 | TV | 98.5 | .612 | 5.58 | 175 | 14.00 | 10.0 @ 700 |
| 485686 | TW | 98.5 | .612 | 5.58 | 175 | 14.29 | 10.0 @ 750 |
| 485687 | TG | 103.5 | .622 | 5.82 | 175 | 14.57 | 10.0 @ 800 |
| 485688 | TH | 106.1 | .627 | 5.93 | 175 | 14.86 | 10.0 @ 850 |
| 485689 | WL | 106.1 | .627 | 5.93 | 175 | 15.14 | 10.0 @ 900 |
| 485690 | WM | 109.9 | .634 | 6.11 | 175 | 15.43 | 10.0 @ 950 |
| 485706 | SC | 97.1 | .558 | 5.56 | 125 | 14.80 | 10.0 @ 600 |
| 485707 | KJ | 100.9 | .565 | 5.73 | 125 | 15.20 | 10.0 @ 650 |
| 485719 | TU | 101.5 | .533 | 6.12 | 115 | 15.65 | 10.0 @ 650 |
| 485720 | TE | 105.8 | .540 | 6.33 | 115 | 16.09 | 10.0 @ 700 |
| 485721 | TF | 110.8 | .548 | 6.59 | 115 | 16.52 | 10.0 @ 750 |
| 485722 | ZX | 115.3 | .555 | 6.82 | 115 | 16.96 | 10.0 @ 800 |
| 485735 | TS | 99.8 | .558 | 6.01 | 140 | 14.64 | 10.0 @ 850 |
| 485736 | TA | 99.8 | .558 | 6.01 | 140 | 15.00 | 10.0 @ 700 |
| 485737 | ZZ | 107.8 | .572 | 6.41 | 140 | 15.36 | 10.0 @ 750 |
| 485738 | WV | 107.8 | .572 | 6.41 | 140 | 15.71 | 10.0 @ 800 |
| 487390 | WW | 94.7 | .570 | 5.43 | 140 | 14.29 | 10.0 @ 600 |
| 487391 | KK | 98.3 | .577 | 5.60 | 140 | 14.64 | 10.0 @ 650 |

BULBS AND LAMPS

| BULBS AND LAMPS | NUMBER REQUIRED AND TRADE NUMBER | CANDLE POWER PER LAMP |
|--|----------------------------------|-----------------------|
| Automatic transmission quadrant | Column 1-168 | 3 |
| Back-up | 2-1156 | 32 |
| Brake warning - alarm | 1-168 | 3 |
| Courtesy - Instrument panel | 2-631 | 6 |
| Directional signal indicators | 1-168 | 3 |
| Dome | 1-211 | 12 |
| Generator indicator | 1-168 | 3 |
| Glove compartment | 1-1891 | 2 |
| Headlamp | 2-6014 | High beam 60W |
| | | Low beam 50W |
| Headlamp hi-beam indicator | 1-168 | 3 |
| Heater controls | 1-1445 | 7 |
| Instrument cluster | 4-168 | 3 |
| License plate, rear | 1-168 | 3 Coupes & Sedans |
| | 1-168 | 3 Station Wagons |
| | 1-67 | 4 Pickups |
| Luggage compartment | 1-1003 | 15 |
| Oil pressure indicator | 1-168 | 3 |
| Parking | | |
| Park | 2-1157 | 3 |
| Turn | | 32 |
| Radio dial RPO U63 and/or U69 | 1-1816 | 3 |
| Radio dial and indicator RPO U58 | 1-1816 (dial) | 3-dial |
| | 1-66 (indicator) | 1-indicator |
| Radio dial and indicator RPO UM1 and/or UM2 | 1-564 (dial) | 2-dial |
| | 1-66 (indicator) | 1-indicator |
| Seat belt warning | 1-168 | 3 |
| Side Marker - Front | 2-104 | 2 |
| Side Marker - Rear | 2-104 | 2 |
| Station wagon and gate ajar indicator | 1-168 | 3 |
| Tail | 4-1157 Coupes & Sedan | 3 |
| | 4-1157 Station Wagons | |
| Stop and turn | 2-1157 Pickups | 32 |
| Temperature indicator | 1-168 | 3 |
| Underhood | 1-93 | 15 |
| W/S washer and light | 1-168 | 2 |

BRAKES

| General | Type | Coupes, Sedans & Pickup | | Station Wagons | |
|----------------------|--|--|---------------------|------------------------------|--|
| | | Manual – Standard Power Assisted – Optional | | Power Assisted – Standard | |
| | System | Dual circuit hydraulic system with warning lights and self-adjusting features – metering and proportioning valves provide balance between front and rear brakes. | | | |
| Front Brakes | Type | Disc – single piston, floating caliper | | | |
| | Material | Cast iron – vented | | | |
| | Diameter and Width | 11.0 x 1.03 | | | |
| | 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.) | 210.4 | | | | |
| 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 | 9.5 x 2.0 | 11.0 x 2 | | |
| | Lining material | Molded asbestos composition | | | |
| | Method of attachment | Riveted | | | |
| | Lining size (length x width x thickness) | Primary | 7.58 x 2.0 x 0.23 | 8.95 x 2.0 x 0.25 | |
| | | Secondary | 9.84 x 2.0 x 0.30 | 11.59 x 2.0 x 0.29 | |
| | Lining area (sq. in.) | 69.68 | 81.64 | | |
| | Effective area (sq. in.) | 63.72 | 74.37 | | |
| Swept area (sq. in.) | 116.06 | 134.4 | | | |
| Piston diameter | 0.875 | .938 | | | |
| Apply System | Master cylinder diameter | Manual 1.00; Power 1.125 | | 1.125 | |
| | Piston travel | Manual 1.47; Power 1.41 | | 1.41 | |
| | Pedal travel | Manual 8.82; Power 4.56 | | 4.56 | |
| | Pedal ratio | Manual 6.12:1; Power 3.1:1 | | 3.1:1 | |
| | Line pressure @ 100 lb. pedal load | 700 | | | |
| Parking Brake | Type | Mechanical – Pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided | | | |
| | Control | Pendulum foot pedal; released by 'T' handle located on instrument panel left of steering wheel. | | | |
| | Total effective area | 63.72 | 74.37 | | |

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2
3
4

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FUSES AND CIRCUIT BREAKERS

| CIRCUIT | TYPE OF PROTECTION | LOCATION AND CIRCUIT* |
|----------------------------------|--------------------|-----------------------|
| Air conditioning | 30 amp fuse | In line |
| | 25 amp fuse | Fuse panel (h) |
| Auto. trans. quadrant lamp | 4 amp fuse | Fuse panel (f) |
| Back-up lamps | 20 amp fuse | Fuse panel (b) |
| Brake indicator lamp | 10 amp fuse | Fuse panel (c) |
| Choke pull-off 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) |
| Defogging unit | 10 amp fuse | Fuse panel (c) |
| Direction signal indicator lamps | 20 amp fuse | Fuse panel (b) |
| Dome lamp | 20 amp fuse | Fuse panel (e) |
| End gate ajar | 10 amp fuse | Fuse panel (c) |
| Fuel gage | 10 amp fuse | Fuse panel (c) |
| 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 controls lamp | 4 amp fuse | Fuse panel (f) |
| Idle stop solenoid | 10 amp fuse | Fuse panel (g) |
| Instrument cluster lamps | 4 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) |
| Map lamp | 10 amp fuse | Fuse panel (c) |
| Oil pressure indicator lamp | 10 amp fuse | Fuse panel (c) |
| Override relay | 10 amp fuse | Fuse panel (c) |
| Parking lamps | 20 amp fuse | Fuse panel (d) |
| Power heat valve system | 10 amp fuse | Fuse panel (g) |
| Power seats | 30 amp CB | Firewall |
| Power windows | 30 amp CB | Firewall |
| Radio - Stereo | 10 amp fuse | Fuse panel (g) |
| Radio lamp | 4 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 interlocking | 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) |
| Transmission downshift | 10 amp fuse | Fuse panel (g) |
| Underhood lamp | 15 amp fuse | In line |
| Windshield washer light switch | 4 amp fuse | Fuse panel (f) |
| Windshield wiper, two-speed | 25 amp fuse | Fuse panel |
| Wiper - pulse system | 10 amp fuse | Fuse panel (g) |

* Letter suffix indicates same circuit

1970-76 CHEVROLET PRODUCTION OPTIONS

| | | | | | |
|-----|---|-----|--|-----|--|
| T33 | — Nameplate — Front Fender | VE5 | — Strip — Front & Rr. Bumper Impact | YJ9 | — Exterior Decor Package |
| T41 | — Hood — Special Sheet Metal | VF6 | — Bumper — Rear Step | Y02 | — Seat — Front Custom |
| T44 | — Lock — Hood Interior Operated | VG4 | — Protector — Bumper Filler | Y03 | — Seat — Rear Custom |
| T52 | — Ornamentation — Front | VG8 | — Bumper — Rear With Vinyl Insert | Y05 | — Deadener — Floor |
| T53 | — Molding — Front Fender | VJ9 | — Exhaust Emission Level (Calif. Cars) | Y07 | — Molding — Side Window Reveal |
| T58 | — Skirt — Rear Wheel Opening | VK1 | — License Plate — Frt. Mounting Pkg. | Y10 | — Custom Doors and Qtr. |
| T60 | — Battery Case — H.D. Plastic | VK3 | — Mounting — Frt. Lic. Plate | Y11 | — Seat — Front — Special Design |
| T63 | — Headlamp — On Warning System (Buzzer) | V01 | — Radiator — Heavy Duty (Var. 1) | Y12 | — Seat — Rear — Special Design |
| T70 | — Lamp Group | V02 | — Radiator — Heavy Duty (Var. 2) | Y19 | — Molding — Body Side Lower |
| T81 | — Headlamp Delay Package | V30 | — Guards — Frt. & Rr. Bumper | Y40 | — Heavy Duty Cooling |
| T82 | — On-Off Control — Headlamp Automatic | V31 | — Guards — Front Bumper (Chrome) | Y51 | — Molding Group |
| T87 | — Lamps — Cornering | V32 | — Guards — Rear Bumper — (Chrome) | Y53 | — Frt. & Rr. Bumper Guards |
| T93 | — Lamp — Tail & Stop Reflex Asm. | V55 | — Carrier — Roof Luggage | Y56 | — Accessory Group |
| | | V56 | — Lock & Trim — Luggage Compartment | Y60 | — Convenience Group |
| UA1 | — Battery — Heavy Duty | V65 | — Bumper — Light Duty | Y62 | — Instrument Cluster — Special Features |
| UB7 | — Cluster Asm. — Warning and Trip Odometer | V81 | — Trailer Provisions — SAE Class 1 (2000 lbs.) | Y66 | — SX Package |
| UE8 | — Clock — Electric (Digital) | V82 | — Trailer Provisions — SAE Class 2 (3500 lbs.) | Y67 | — Low Washer Fluid Level Indicator |
| UF3 | — Lamp — Map (W/Sun Visor Support) | WA3 | — Power Seat — 6 Way (Pass. & Driver) | Y70 | — Stripe — Decal |
| UF7 | — Cluster — Oil Temp., Volt Meter, Fuel Economy | WA5 | — Dual Speakers (Frt. & Rear) | Y71 | — Outside Temp. Indicator |
| UF8 | — Switch — Dimmer Headlamp | WB2 | — AM Stereo Radio Tape | Y72 | — H.D. Engine Cooling |
| UH1 | — Lamp Monitor — Electric | WB3 | — AM-FM Stereo Radio Tape | Y74 | — Moldings — Rocker and Wheel Opng. |
| UM1 | — AM Radio & 8 Track Tape Player | WB4 | — AM-FM Stereo Radio | Y79 | — Appearance Option |
| UM2 | — AM-FM Stereo Radio & 8 Track Tape Player | WB6 | — Gauges — Instrument Cluster W/Clock | Y82 | — Golden Anniversary |
| UN9 | — Radio Supression Equip. | WB7 | — Vinyl Roof — Rear Vinyl (Pad Attached) | Y83 | — LI Option |
| U05 | — Dual Horns | WC2 | — Moulding Package | Y90 | — Custom Trim |
| UR1 | — Fuel Economy Vacuum Gauge | WC4 | — Convenience Group | Y92 | — Lamp Group |
| UX6 | — Front Dual Speakers | WC9 | — Exhaust Emission Group (Calif.) | Y96 | — Firm Ride Option |
| UX9 | — Speaker — Front | WD3 | — Appearance Group | Y97 | — SI Option |
| UY8 | — Radio — AM/FM — Digital Clock | WD4 | — Accessory Package | Y99 | — Handling Package |
| U05 | — Dual Horns | WF5 | — Custom Trim Group | | |
| U09 | — Horn — Four Note | WH3 | — Appearance Group | ZE2 | — Olympic Edition Program Content |
| U11 | — Police Car Speedo | WH4 | — Tachometer & Clock | Z11 | — Custom Interior |
| U14 | — Rally Gauge — Tach & Clock | WH5 | — Handling Package | Z12 | — Custom Exterior |
| U15 | — Speed Alert — Trip Odometer | WI7 | — Leather — Custom | Z13 | — Interior Decor and Convenience Group |
| U18 | — Kilo Speedo | WO2 | — Wood Grain Group | Z14 | — Seat Belt, Check Doors, Low Fuel Warning Lites |
| U21 | — Instrument Panel Gauges | WT1 | — Suspension — Bias Tire | Z15 | — Exterior Decor |
| U25 | — Lamp — Luggage Compt. | WU2 | — G.T. Option | ZK7 | — Noise Level Control |
| U26 | — Lamp — Engine Compt. | WU7 | — Third Seat — Wagon | ZL2 | — Special Ducted Hood Air System |
| U27 | — Lamp — Inst. Panel Compt. | WW8 | — Instrument Panel Tach., Rally Clock, Gauges | ZL9 | — Luxury Interior |
| U28 | — Lamp — Ash Tray | WY5 | — Suspension — Radial Tuned | ZNS | — Color Coded Rally Wheels |
| U29 | — Lamp — Inst. Panel Courtesy | W20 | — Convenience Group | ZX5 | — Appearance Group |
| U30 | — Instrument Gauges | W50 | — Appearance Group | Z01 | — "Spyder" Model |
| U35 | — Electric Clock | W60 | — Appearance — Special Esprit | Z02 | — Spyder Appearance Equipment |
| U37 | — Lighter — Cigar | W61 | — Decor — Simulated Wood | Z03 | — Landau Equipment |
| U38 | — Warning System — Low Coolant | W62 | — Luxury Appointment Group | Z06 | — Luxury Interior Trim |
| U41 | — Indicator — Low Fuel | W63 | — Rally Clock & Gauges | ZP5 | — Appearance Guard Group |
| U46 | — Monitor — External Lamp | W66 | — 400 Sport Option | ZQ2 | — Operating Convenience Group |
| U57 | — Player — Tape | W71 | — Seat — Custom Front & Rear | ZQ9 | — Rr. Axle Performance Ratio |
| U58 | — Radio — Stereo (W/Antenna) | YC6 | — Estate Wood Grain — Vega | ZR8 | — Sport Stripes — White |
| U63 | — Radio — Pushbutton Control (W/Antenna) | YD1 | — Towing Package | Z10 | — Impala "LX" Package |
| U69 | — Radio — AM-FM (W/Antenna) | YE4 | — Exterior & Interior Deluxe | Z15 | — S.S. Model |
| U75 | — Antenna — Power | YF3 | — "Heavy Chevy" Exterior Decor | Z20 | — Paint — Two-Tone Accent Pkg. |
| U76 | — Antenna — Windshield Embedded | YF4 | — Guard & Strip — Bumper | Z20 | — Two Tone Accent Package |
| U80 | — Speaker — Rear Auxiliary | YF8 | — Black Paint Stripes | Z21 | — Style Trim |
| U81 | — Speaker — Rear, Dual | YJ8 | — Cast Aluminum Wheels | Z25 | — "SS" 396 Package |
| U89 | — Wiring Harness — Car Trailer (5 Wire) | | | Z26 | — S.S. |
| U90 | — Wiring Harness — Roof Flasher | | | Z29 | — G.T. Option |
| U94 | — Light Cable — Trailer (7 Wire) | | | Z54 | — Interior Decor/Quiet Sound Group |
| | | | | Z60 | — Monza Towne Coupe |
| | | | | Z76 | — Monte Carlo "S" Package |
| | | | | Z85 | — Rally Sport Equipment |
| | | | | Z95 | — Catalytic Converter Deletion |
| | | | | Z95 | — Leaded Fuel Option |

1970-76 CHEVROLET PRODUCTION OPTIONS

AB7 Window — Rr. Quarter Louvered
 AB8 Window — Rr. Qtr. Formal Style
 AC3 Seat Adjuster — 6 Way Power. Bucket
 AD3 Glass — Hinged Roof Window
 AD7 Window — Rr. Qtr. Teardrop Less Louvers
 AE1 Glass — Roof Panel
 AG1 Seat Adjuster — 6 Way Power. Driver (60-40)
 AG2 Seat Adjuster — 6 Way Power. Pass. (60-40)
 AG7 Seat Adjuster — 6 Way Power. Driver (50-50)
 AK1 Belts — Deluxe
 AM6 Seat Asm. — Frt. Seat Split (60-40) W/Center Arm Rest
 AM7 Folding Rear Seat Asm.
 AN5 Seat Asm.—Pass. Reclining (40-40)
 AN6 Seat Back — Adjustable. Driver
 AN7 Seat Asm. — Bucket. Shell Type Swivel
 AQ4 Seat Asm. — Sta. Wag. 3rd Seat
 AQ9 Seat Asm. — Bucket. Pass. Reclining
 AR5 Seat Asm. — Bucket. European Style
 AR9 Seat Asm. — Bucket. European Style
 AS4 Rear Seat Deluxe Shoulder Harness
 AT6 Recliner Seat — RH Manual
 AT8 Seat Asm. — Adjustable. (50-50) Pass. Reclining
 AU1 Key — Single Car
 AU3 Lock — Side Doors. Electric
 AU4 Lock — Side Door. Electric Automatic
 AU5 Lock — Seat Back & Side Door. Electric
 AU6 Lock Release — Tail Gate. Remote Control Electric
 AU7 Key — Single — For Total Fleet
 AV3 Cargo Tie Downs
 AV7 Seat Asm. — Front (50-50)
 AO1 Glass — Tinted, All Windows (Tinted Windshield)
 AO2 Glass — Tinted, Windshield (Tinted Upper)
 A20 Glass — Rear Qtr. Vent. Swing Out
 A31 Window — Power Operated. All (Exc. Vent)
 A39 Seat Belts—Frt., Rr., Ctr. Deluxe Type
 A41 Frt. Seat Elec. CH—4-Way Bench Seat
 A42 Seat Adjuster 6-Way Power. Single Unit
 A44 Seat Adjuster
 A46 Elec. 4-Way Seat Adjuster (L.H. Bucket Seat Only)
 A50 Seat Asm. — Front Bucket — Formed
 A51 Seat Asm. — Bucket (L & R) Contour
 A52 Seat Asm. — Bench
 A65 Seat Back — Frt. Seat Split
 A66 Seat Back — 2nd Seat Split
 A75 Seat Asm. — Heavy Duty — Front

A76 H.D. Seat Cushion & Back
 A85 Shoulder Harness — Deluxe Frt.
 A90 Lock Release — Rr. Compt. Lid. Remote Control Elec.
 A99 Glove Box Lock
 BB4 Map Pocket
 BB8 Interior Ornam — Door Trim Mldg.
 BC1 Interior Ornamentation — Wood Grain
 BC5 Interior Ornam — Load Compt. — Carpet
 BF2 Carpet — Floor Covering — Deluxe
 BG1 Floor Mat — Heavy Duty
 BG9 Covering — Floor — Rubber
 BS1 Quiet Sound Group
 BS2 Acoustical Package
 BW2 Molding — Body Side Protection
 BW6 Exterior Decor Package
 BW7 Ext. Ornam — Pillar Applique
 BX1 Ext. Ornam — Front End Panel
 BX3 Exterior Ornamentation — Wood Grain Side Panel
 BX6 Ext. Ornam — Mldg. and Applique
 BX7 Door Edge Guards
 BX8 Molding — Used W/Two Tone Paint
 BX9 Ornament — Front End Panel
 BY1 Ext. Ornam — Body Emblem
 BY2 Police Body Equipment
 BY4 Int. Ornam — Inst. Panel Monogram
 B1Q Lock — Power Tail Gate
 B3X Estate Equipment
 B02 Special Body — Taxi Cab
 B07 Special Body — Police Car.
 B09 H.D. Police Package
 B22 Emblem — Door
 B26 Handle — Door Pull Interior
 B28 Floor Mats — Carpet Insert
 B30 Carpet — Floor Covering
 B32 Mat — Front Floor Throw
 B33 Mat — Rear Floor Throw
 B34 H.D. Frt. Floor Mats
 B35 H.D. Rr. Floor Mats
 B36 Mat — Luggage Compartment
 B37 Floor Mats — Front & Rr.
 B39 Carpet — Load Floor and Deck Lid
 B44 Carpet — Load Floor Seat Back
 B48 Luggage Compt. Trim
 B51 Moulding — Rocker Panel Wide
 B55 Trunk Asm. — Floor Cover
 B71 Exterior Ornam — Custom Whl. Opening Mldgs.
 B75 Lining — Luggage Compt.
 B77 Molding — Windshield Reveal
 B79 Exterior Ornamentation — Rr. End
 B80 Molding — Roof Drip
 B83 Molding — Rocker Panel
 B84 Molding — Body Side
 B85 Molding — Belt Reveal
 B86 Molding — Custom Rear Qtr. Lower
 B89 Molding — Back Window Reveal

B90 Molding — Side Window Reveal
 B93 Guards — Door Edge
 B94 Emblem — Body "GT"
 B95 Applique — Pillar
 B96 Molding — Wheel Opening
 B97 Spoiler
 CA1 Roof — Steel Sliding Sun. Electric
 CB4 Vinyl Padded Roof (Integral Pad) — Rear
 CB5 Vinyl Padded Roof(W/¼" Pad) — Full
 CB7 Vinyl Padded Roof (Integral Pad) — Front
 CC1 Panels — Removable Roof Hatch
 CD2 W/S Washer Jar Fluid Level Monitor
 CD4 Washer & Wiper — Windshield. Pulse System
 CF4 Roof — Sliding Sun
 CF5 Astro Roof — Elec.
 C04 Vinyl Padded Roof (w/¼" Pad) — Rear
 C09 Vinyl Padded Roof (Integral Pad) — Full
 C18 Black Windshield Wiper and Blade
 C24 Wipers — Recess Parked
 C41 Heater & Defroster — Outside Air
 C46 Heater — Hi-Flow
 C49 Defogger — Rear Window. Electric
 C50 Defogger — Rear Window
 C51 Deflector — Station Wagon Air
 C54 Heated Rr. Window Defogger
 C60 Air Conditioner — Manual Cont.
 C61 Air Conditioner — Auto. Cont.
 C65 Air Conditioner — Semi-Auto. Cont.
 C80 Switch — Frt. Door Jamb
 C81 Switch — Rear Door Jamb
 C87 Lamp — Rear Qtr. Courtesy
 C88 Lamp — Rear Compt. Courtesy
 C90 Lamp — Combination Courtesy & Door Wiring
 C91 Lamp — Front Dome
 C93 Lamp — Opra — Exterior Lock Pillar or Sail Panel
 C95 Lamp — Dome & Reading
 C97 Lamp Courtesy — Door Handle Operated
 DF3 Mirror — Remote Control RH. Chrome
 DHS Mirror — Visor Vanity — Left
 DJ9 Mirror — Rear View RH. Sport Type
 DL1 Decals and Stripes
 DX4 Tape — Accent Stripe
 DX9 Tape — Accent Stripe
 D24 Litter Container
 D31 Mirror — Inside Tilt Rearview (Non Glare)
 D33 Mirror — Remote Control LH. Chrome
 D34 Mirror — Visor Vanity
 D35 Mirror — Remote Control LH. Custom

1975 MVMA Specifications Form Passenger Car

| | | |
|---|---------------------------------|--|
| Manufacturer Chevrolet Motor Division General Motors Corporation | Car Line CHEVELLE | |
| Mailing Address Chevrolet Engineering Center 30003 Van Dyke Ave. 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

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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 CHEVELLE
 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>Model Number</u> | <u>Front</u> <u>Rear</u> |
| <u>MALIBU</u> | | | |
| 2-Door Colonnade Hardtop Coupe | 1AC37 | 3 | 3 |
| 4-Door Colonnade Hardtop Sedan | 1AC29 | 3 | 3 |
| <u>MALIBU CLASSIC</u> | | | |
| 2-Door Colonnade Hardtop Coupe | 1AD37 | 3 | 3 |
| 4-Door Colonnade Hardtop Sedan | 1AD29 | 3 | 3 |
| <u>LAGUNA TYPE S-3</u> | | | |
| 2-Door Colonnade Hardtop Coupe | 1AE37 | 3 | 3 |
| <u>STATION WAGONS</u> | | | |
| Malibu 4-Door, 2-Seat | 1AC35 | 3 | 3 |
| Malibu Classic 4-Door, 2-Seat | 1AD35 | 3 | 3 |
| Malibu Classic Estate, 4-Door, 2-Seat | 1AG35 | 3 | 3 |
| <u>EL CAMINO</u> | | | |
| Standard 2-Door Sedan Pickup | 1AC80 | 3 | - |
| Classic 2-Door Sedan Pickup | 1AD80 | 3 | - |

NOTE: Any Specifications on the following pages that are specific to California Requirements are indicated accordingly.

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 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 Sedans | 2-Door Coupes | Station Wagons | Sedan Pickup |

Width

| | | | | |
|----------------------------|------|-------|-------|-------|
| Tread - Front | W101 | 61.5 | | |
| Tread - Rear | W102 | 60.7 | | |
| Maximum overall car width | W103 | 76.6 | | |
| Body width at No. 2 pillar | W117 | 75.5 | -- | 75.5 |
| Max. front doors open | W120 | 139.7 | 170.7 | 139.7 |
| Max. rear doors open | W121 | 134.7 | -- | 134.7 |

Length

| | | | | |
|------------------------------------|------|-------|-------|-------|
| Body "O" to front of dash | L 30 | -0.5 | | |
| Wheelbase | L101 | 116.0 | 112.0 | 116.0 |
| Overall car length (a) | L103 | 209.2 | 205.3 | 215.2 |
| Overhang - front (b) | L104 | 40.1 | | |
| Overhang - rear (c) | L105 | 53.2 | | 59.1 |
| Body upper structure length | L123 | 101.3 | 102.0 | 132.8 |
| Body "O" line to C/L of rear wheel | L127 | 97.5 | 93.5 | 97.5 |
| Body "O" line to w/s cowl point | L130 | 10.5 | | |

Height

| | | | | | |
|---------------------------------------|------|----------------------|------|------|---------|
| Passenger Distribution (front & rear) | - | 2-3 | | 2-3 | 2-Front |
| Trunk/Cargo load (lbs.) | - | 0 | | 0 | 0 |
| Overall height | H101 | 53.8 | 53.1 | 55.6 | 53.7 |
| Cowl height | H114 | 38.8 | | 39.6 | 39.4 |
| Deck height | H138 | 36.5 | 36.4 | -- | -- |
| Rocker panel - front | H112 | To ground | 8.8 | 9.7 | 9.4 |
| | | From front wheel C/L | -- | -- | -- |
| Bottom of front door to ground | H133 | 9.4 | 9.1 | 10.5 | 9.8 |
| Rocker panel - rear | H111 | To ground | 8.1 | 9.4 | 8.7 |
| | | From rear wheel C/L | -- | -- | -- |
| Bottom of rear door to ground | H135 | 9.1 | -- | 10.4 | -- |
| Windshield slope angle | H122 | 56.5° | | | |

Ground Clearance

| | | | | | |
|----------------------------------|------|---------|--------|---------|---------|
| Bumper to ground - front | H102 | 12.0 | 12.2 | 12.5 | 12.6 |
| Bumper to ground - rear | H104 | 11.8 | 11.7 | 11.3 | 10.2 |
| Angle of approach | H106 | 19°5' | 19°12' | 19°19' | 19°13' |
| Angle of departure | H107 | 16°7' | 15°56' | 13°24' | 12°59' |
| Ramp breakover angle | H147 | 13°30' | 14°21' | 14°53' | 14°7' |
| Rear axle differential to ground | H153 | 6.8 | 7.0 | 7.1 | 7.2 |
| Min. running clearance (Specify) | H156 | 5.1 (d) | | 5.8 (e) | 5.7 (e) |

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

(d) - catalytic converter to ground
 (e) - front suspension to ground.

| | | Base Models | | Laguna Type 'S | |
|-----|------|---------------|-------|-----------------|--------|
| | | With 1/Strips | | With 1/Strips | |
| | | 4-Dr. | 2-Dr. | Wagons & Pickup | 2-Door |
| (a) | L103 | 210.3 | 206.3 | 215.9 | 207.0 |
| (b) | L104 | 40.6 | 40.6 | 40.6 | 40.1 |
| (c) | L105 | 53.7 | 53.7 | 59.3 | 54.9 |

MVMA Specifications Form

Passenger Car

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

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

Body Type

| SAE Ref. No. | 4-Door Sedans | 2-Door Coupes | Station Wagons | Sedan Pickup |
|--------------|---------------|---------------|----------------|--------------|
|--------------|---------------|---------------|----------------|--------------|

Front Compartment

| | | | | | |
|---------------------------------|------|-------|------|------|------|
| H Point to body "O" line | L31 | 42.3 | | | |
| Effective head room | H61 | 38.3 | 37.7 | 38.8 | 37.6 |
| Effective T Point head room | H75 | 38.6 | 37.9 | 38.9 | 37.8 |
| Max. eff leg room - accelerator | L34 | 42.1 | | | |
| H Point to Heel point | H30 | 8.8 | | | |
| H Point travel | L17 | 5.1 | | | |
| Shoulder room | W3 | 59.6 | | | |
| Hip room | W5 | 54.7 | 54.8 | 54.7 | 54.8 |
| Upper body opening to ground | H50 | 49.9 | 49.2 | 50.6 | 49.2 |
| Steering Wheel Angle Vertical | H-18 | 17.9° | | | |
| Back Angle Front | L-40 | 26.5° | | | |

Rear Compartment

| | | | | | |
|------------------------------|-----|------|------|------|----|
| H Point couple distance | L50 | 34.6 | 31.0 | 33.1 | -- |
| Effective head room | H63 | 37.5 | 37.0 | 39.4 | -- |
| Effective T Point head room | H76 | 37.2 | 36.8 | 39.4 | -- |
| Min effective leg room | L51 | 36.9 | 32.9 | 36.8 | -- |
| H Point to Heel point | H31 | 11.0 | 10.1 | 11.3 | -- |
| Min knee room | L48 | 1.4 | -1.3 | 0.0 | -- |
| Rear Compartment room | L3 | 26.7 | 24.2 | 27.3 | -- |
| Shoulder room | W4 | 58.9 | 58.0 | 58.9 | -- |
| Hip room | W6 | 57.8 | 52.7 | 55.1 | -- |
| Upper body opening to ground | H51 | 49.0 | -- | 50.6 | -- |

Luggage Compartment

| | | | | |
|-----------------------------------|------|--------------------------------|------|------|
| Usable luggage capacity (cu. ft.) | V1 | 15.3 (d) | -- | 26.2 |
| Liftover height | H195 | 21.8 | 23.9 | 26.0 |
| Position of spare tire storage | | Centered in forward trunk area | (a) | (b) |
| Method of holding lid open | | Boxed hinges with torsion rod | (c) | -- |

(a) - Right rear quarter.

(b) - Behind passenger's seat

(c) - Station wagons, compression spring type telescoping mechanism.

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

(d) - Space saver tire 16.5 (cu.ft.).

MVMA Specifications Form Passenger Car

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

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

Body Type

| | |
|---------------------|-----------------------|
| SAE Ref. No. | Station Wagons |
|---------------------|-----------------------|

Station Wagon — Third Seat

| | | |
|-----------------------------|-----|-----------------|
| Shoulder Room | W85 | 42.7 |
| Hip room | W86 | 36.5 |
| Effective leg room | L86 | 27.8 |
| Effective head room | H86 | 37.8 |
| Effective 1 Point head room | H89 | 39.1 |
| Seat facing direction | | Rearward |

Station Wagon — Cargo Space

| | | |
|---|------|-------|
| Cargo length at floor - front seat | L202 | 90.2 |
| Cargo length at belt - front seat | L204 | 82.9 |
| Cargo width - Wheelhouse | W201 | 44.5 |
| Opening width at belt | W204 | 62.8 |
| Maximum cargo height | H201 | 30.1 |
| Rear opening height | H202 | 27.4 |
| Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$ | V2 | 85.1* |

*Concealed stowage compartment (cu. ft.) 9.8 cu. ft. 2-seat,
5.8 cu. ft. 3-seat

Hatchback — Cargo Space

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

MVMA Specifications Form

Passenger Car

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

Driver Teams (Indicate whether standard or optional)

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' |
| | | | | BHP | Torque | | | | | |
| COUPES-SEDANS-PICKUPS | | | | | | | | | | |
| Malibu Malibu Classic El Camino (Standard) (all states) | 250L6 (L22) | One 1-bbl | 8.25:1 | 105 @ 3800 | 185 @ 1200 | S (2.50) | 3-Spd. Manual (3.11:1 low) (not available in California) 3-Spd. automatic* | 3.08 | -- | -- |
| All Models (optional) (not available in California) | 350V8 (L65) | One 2bbl. | 8.5:1 | 145 @ 3800 | 250 @ 2200 | S (2.50) | 3-Spd. Manual (2.85:1 low) 3-Spd. automatic* | 2.73 | 2.56 | -- |
| All Models (optional) (California only) | 350V8 (LMI) | One 4bbl | 8.5:1 | 155 @ 3800 | 250 @ 2400 | S (2.50) | 3-Spd. manual (2.85:1 low) 3-Spd. automatic* | 2.73 | 2.56 | -- |
| All Models (optional) (all states) | 400V8 (LT 4) | One 4bbl. | 8.5:1 | 175 @ 3600 | 305 @ 2000 | S (a) (2.50) | 3-Spd. automatic* | 2.73 | 2.56 | -- |
| Malibu Malibu Classic El Camino (optional) (not available in California) | 454V8 (LS4) | One 4bbl | 8.15:1 | 215 @ 4000 | 350 @ 2400 | D (2.25) | 3-Spd. automatic* | 2.73 | -- | 3.08 |
| *-Optional ***-Positraction available optionally for all ratios. #-Same ratios available with air conditioning A-Base B-Highway option C-High altitude option (a) - Dual exhaust for California - 2.25 | | | | | | | | | | |

*S - Single D - Dual

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 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.

A B C

| 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 |
| | | | | BHP | Torque | | | | | |
| STATION WAGONS | | | | | | | | | | |
| All Models (standard) (not available in California) | 350V8 (L65) | One 2bbl | 8.5:1 | 145 @ 3800 | 250 @ 2200 | S (2.50) | 3-Spd. automatic* | 3.08 | 2.73 | -- |
| All Models (optional) (California only) | 350V8 (LM1) | One 4bbl | 8.5:1 | 155 @ 3800 | 250 @ 2400 | S (2.50) | 3-Spd. automatic* | 3.08 | 2.73 | -- |
| All Models (optional) (all states) | 400V (LT) | One 4bbl. | 8.5:1 | 175 @ 3600 | 305 @ 2000 | S (2.50) | 3-spd. automatic* | 3.08 | 2.73 | -- |
| All Models (optional) (not available in California) | 454V8 (LS4) | One 4bbl | 8.15:1 | 215 @ 4000 | 350 @ 2400 | D (2.25) | 3-spd. automatic | 2.73 | -- | 3. |
| *-Optional **-Positraction available optionally for all ratios #-Same ratios available for air conditioning A-Base B-Highway option C-High altitude option (a)-Dual exhaust for California - 2.25 | | | | | | | | | | |

*S - Single D - Dual

MVMA Specifications Form

Passenger Car

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

Engine Displacement

| | | | |
|--------------------|--------------------------|--------------------|--------------------|
| L6-250 C.I. L22 | V8-350 C.I. L65 LM1 | V8-400 C.I. LT4 | V8-454 C.I. LS4 |
|--------------------|--------------------------|--------------------|--------------------|

Engine — General

| | | | | | |
|--|-------------------------|-----------------|--------------|--------------|--------------|
| Type no. cyls. valve arr. | In-line 6 OHV | 90° V8 OHV | | | |
| Bore and stroke (nominal) | 3.875 x 3.53 | 4.00 x 3.48 | 4.125 x 3.75 | 4.251 x 4.00 | |
| Piston displacement, cu. in. | 250 | 350 | 400 | 454 | |
| Bore spacing (C/L to C/L) | | 4.40 | | 4.84 | |
| No. system (front to rear) | L Bank | 1-2-3-4-5-6 | 1-3-5-7 | | |
| | R Bank | In-line | 2-4-6-8 | | |
| Firing Order | 1-5-3-6-2-4 | 1-8-4-3-6-5-7-2 | | | |
| Cylinder Head Material | | Cast alloy iron | | | |
| Cylinder Block Material | | Cast alloy iron | | | |
| Cyl. Sleeve-Wet, dry, none | | None | | | |
| Number of mg. points | Front | Two | | | |
| | Rear | One | | | |
| Engine installation angle | | 4° 46' | | | |
| Taxable horsepower | Dia. 2 x No. Cyl. 25 | 36.0 | 51.2 | 54.5 | 57.8 |
| Recommended fuel | Regular — premium | Unleaded | | | |
| Cylinder Head Volume (cc) | | 72.75 | 75.47 | 75.47 | 118.53 |
| Head Gasket Thickness (compressed) | | .032 | .021 | .039 | .028 |
| Head Gasket Volume (cc) | | 6.86 | 4.58 | 4.58 | 7.01 |
| Clearance (minimum) above or below block | | .008 (below) | .025 (below) | .025 (below) | .028 (below) |
| Minimum Combustion Chamber Volume (cc) | | 71.71 | 74.47 | 74.47 | 117.06 |

Engine — Pistons

| | | | | | | |
|--------------------------|--------------------------|-------------|-----------------|-------------------------|-----------------|-----------------|
| Material | Cast aluminum alloy | | | | | |
| Description and finish | Sump head; slipper skirt | | | Flat head; valve cutout | | |
| Weight (piston only) oz. | 20.24 | 21.33 | 22.88 | 25.94 | | |
| Clearance (inches) | Top land | .0245-.0335 | .0235-.0325 | .0365-.0455 | .0270-.0330 | |
| | Skirt | Top | .0005-.0015 (a) | .0007-.0017 (b) | .0014-.0024 (b) | .0008-.0028 (c) |
| | | Bottom | | | | |
| Ring groove diameter | No. 1 ring | 3.434-3.444 | 3.541-3.556 | 3.649-3.659 | .2350-.2410 | |
| | No. 2 ring | 3.434-3.444 | 3.541-3.556 | 3.649-3.659 | .2350-.2410 | |
| | No. 3 ring | 3.446-3.456 | 3.577-3.592 | 3.678-3.688 | .2185-.2245 | |

- (a) Measured 1.66 from top of piston
- (b) Measured 1.56 from top of piston
- (c) Measured 1.65 from top of piston

MVMA Specifications Form Passenger Car

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

Engine Displacement

| | | | |
|--------------------|--------------------------|--------------------|--------------------|
| L6-250 C.I. L22 | 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 - Upper material, coating, etc. | Cast alloy iron barrel face (a) | | |
| | Lower | Cast alloy iron inside bevel tapered face (b) | | |
| | Width | (c) | (d) | .0770-.0780 .0770-.0775 |
| | Gap | .010-.020 | (e) | .010 - .020 |
| Oil | Description - material, coating, etc. | Multi-piece (2 rails and 1 spacer expander) Rails-steel chrome plated OD; Expander - stainless steel | | |
| | Width | .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-.9897 |
| Type | Locked in rod, in piston, floating, etc. | Locked in rod | |
| | Bushing In rod or piston Material | None -- | |
| Clearance | In piston | .00015-.00025 | .00025-.00035 .00030-.00040 |
| | In rod | --- | |
| Direction & amount offset in piston | Major thrust side .060 | | |

Engine - Connecting Rods

| | | | |
|---------------------------|--------------------|--|-----------------------------------|
| Material | Drop forged steel | | |
| Weight (oz) | 14.24 | 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 | Copper lead alloy (sintered) stl. bkd. | Premium aluminum |
| | Overall length | .807 | .797 .847 |
| | Clearance (limits) | .0007-.0027 | .0013-.0025 .0009-.0025 |
| | End Play | .007-.016 | .006-.016 .008-.014 .015-.023 |

- (a) Wear resistant coating and molybdenum inlay on L6-250, V8-400 & V8-454 also graphite impregnated on L6-250-V8-454. Chrome plated on V8-350
 (b) L6-250-V8-350 wear resistant coating. Chrome plating on V8-400-V8-454
 (c) Upper .0775-.0780; Lower .0770-.0780
 (d) Upper .0775-.0780; Lower .0770-.0775
 (e) Upper .010-.020; Lower .013-.025

MVMA Specifications Form

Passenger Car

Car make **CHEVELLE**

Model year **1975**

Issued **9/74**

Revised (•)

Engine Displacement

| | | | |
|---------------------------|-------------------------------|---------------------------|---------------------------|
| L6-250 C.I. L22 | V8-350 C.I. L65 LM1 | V8-400 C.I. LT4 | V8-454 C.I. LS4 |
|---------------------------|-------------------------------|---------------------------|---------------------------|

Engine—Crankshaft

| | | | | | |
|-----------------------------------|--|---|-------------|--------------|--------------|
| Material | Cast nodular iron | | | | |
| Crater damper type | Rubber mounted inertia | | | | |
| End thrust taken by bearing (lbs) | 7 | 5 | | | |
| Crankshaft end play | .002-.006 | .002-.007 | .006-.010 | | |
| Main bearing | Material & type | Steel backed insert with copper lead alloy or premium aluminum lining selected for specific application | | | |
| | Clearance | .0003-.0029 | (a) | (b) | |
| | Journal dia and bearing overall length | No 1 | 2.2999x.752 | 2.4502x.752 | 2.6503x.752 |
| | | No 2 | 2.2999x.752 | 2.4502x.752 | 2.6503x.752 |
| | | No 3 | 2.2999x.752 | 2.4502x.752 | 2.6503x.752 |
| | | No 4 | 2.2999x.752 | 2.4502x.752 | 2.6503x.752 |
| | | No 5 | 2.2999x.752 | 2.4508xl.130 | 2.6509xl.181 |
| No 6 | | 2.2999x.752 | None | | |
| No 7 | 2.2999x.760 | None | | | |
| Dir & amt cyl offset | None | | | | |
| No bolts/main brg cap | 14 bolts / 7 caps | 10 bolts / 5 caps | | | |
| Main journal diameter | 1.999-2.000 | 2.099-2.100 | 2.199-2.200 | | |

Engine—Camshaft

| | | | | |
|---------------|--------------------------------------|---------------------------|--------------------------------|------|
| Location | (c) | In block above crankshaft | | |
| Bearings | Material | Cast alloy iron | | |
| | Number | 4 | 5 | |
| | Gear or chain | Gear | Chain | |
| | Crankshaft gear or sprocket material | Steel | Steel sprocket | |
| Type of Drive | Camshaft gear or sprocket material | (d) | Nylon teeth with aluminum head | |
| | Timing chain | No. of links | None | 46 |
| | | Width | None | .625 |
| | | Pitch | None | .500 |
| | | | 50 | |
| | | | .750 | |
| | | | .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

- (c) Above and to right of crankshaft
- (d) Bakelite and fabric composition with steel hub

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1975 Issued 9/74 Revised (a) _____

Engine Displacement

| | | | |
|--------------------|--------------------------|--------------------|--------------------|
| L6-250 C.I. L22 | 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) | | None | Exhaust | | |
| Push rods (dia., length, material) (a) | | .3125x9.612 | .3125x7.724 | See below* | |
| Rocker ratio | | 1.75:1 | 1.50:1 | 1.70:1 | |
| Operating tappet clearance (indicate hot or cold) | Intake | Zero | | | |
| | Exhaust | Zero | Welded steel tubing with hardened steel inserts | | |
| Timing (based on top of ramp points) | Intake | Opens (°BTC) | 16° | 28° | 55° |
| | | Closes (°ABC) | 48° | 72° | 111° |
| | | Duration (deg) | 244° | 280° | 346° |
| | Exhaust | Opens (°BBC) | 64° | 78° | 105° |
| | | Closes (°ATC) | 50° | 30° | 63° |
| | | Duration (deg) | 294° | 288° | 348° |
| Valve open overlap (deg) | | 66° | 58° | 118° | |
| Material | | Alloy steel, aluminized face for L6-250-V8-454 | | | |
| Overall length | | 4.902-4.922 | 4.870-4.889 | 5.215-5.235 | |
| Actual overall head dia | | 1.715-1.725 | 1.935-1.945 | 2.060-2.070 | |
| Angle of seat & face (deg) | | 46° seat; 45° face | | | |
| Seat insert material | | None | | | |
| Stem diameter | | .3410-.3417 | | .3715-.3722 | |
| Stem to guide clearance | | .0010-.0027 | | | |
| Intake | Lift (at zero lash) | | .3880 | .3900 | .4400 |
| | Outer spring press. & length (lb @ in) | Valve closed | 56-64 @ 1.66 | 76-84 @ 1.70 | 84-96 @ 1.80 |
| | | Valve open | 180-192 @ 1.27 | 194-206 @ 1.25 | 210-230 @ 1.40 |
| | Inner spring press. & length (lb @ in) | Valve closed | None | Spring damper | |
| | | Valve open | None | Spring damper | |
| | Material | | High alloy steel, aluminized face (also head on LS4) | | |
| Overall length | | 4.913-4.933 | 4.910-4.930 | 5.345-5.365 | |
| Actual overall head dia | | 1.495-1.505 | | 1.715-1.725 | |
| Angle of seat & face (deg) | | 46° seat; 45° face | | | |
| Seat insert material | | None | | | |
| Stem diameter | | .3410-.3417 | | .3715-.3722 | |
| Stem to guide clearance | | .0010-.0027 | | | |
| Exhaust | Lift (at zero lash) | | .4051 | .4100 | .4400 |
| | Outer spring press. & length (lb @ in) | Valve closed | 56-64 @ 1.66 | 76-84 @ 1.61 | 84-96 @ 1.80 |
| | | Valve open | 180-192 @ 1.27 | 194-206 @ 1.16 | 210-230 @ 1.40 |
| | Inner spring press. & length (lb @ in) | Valve closed | None | Spring damper | |
| | | Valve open | None | Spring damper | |

(a) Welded steel tubing

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE

Model Year 1975

Issued 9/74

Revised No.

Engine Displacement

| | | | |
|---------------------|------------------------|----------------------|--------------------|
| L6-250 C.I. L-22 | V-8 350C.I. L65&LM1 | V8-400C.I. LT4(a) | V8-454 C.I. LS4 |
|---------------------|------------------------|----------------------|--------------------|

Engine — Lubrication System

| | | | |
|---|--|--------------|---|
| | Main bearings | Pressure | |
| | Connecting rods | Pressure | |
| | Piston pins | Splash | |
| | Camshaft bearings | Pressure | |
| | Tappets | Pressure | |
| | Timing gear or chain | Nozzle | Centrifugally oiled from crankshaft bearing |
| | Cylinder walls | Splash | Pressure jet cross sprayed |
| Oil pump type | | Gear | |
| Normal oil pressure (lb./sq. in. engine rpm) | 36-41 @ 2000 | 32-40 @ 2000 | 42-46 @ 2000 |
| Oil pressure sending unit (elect. or mech.) | Electric | | |
| Type of brake (floating, stationary) | Stationary | | |
| Filter system (flow, cart, other) | Full Flow | | |
| Filter replacement element (complete) | Complete | | |
| Supply (pressure, ease of removal, etc.) | 4 | | |
| Oil grade recommended (SAE viscosity and temperature range) | 20°F and above 20W20, 10W-30, 10W-40, 20W-40, 20W-50 0° to 60°F -10 W, 5W-30, 10W-30, 10W-40 Below 20°F 5W-20, 5W-30 | | |
| Oil service requirement (SD, SE, etc.) | SE | | |

Engine — Exhaust system

| | | | |
|---|------------------------------|--|---------------------------------|
| Configuration (single, single with cross-over, other) | Single with Single Converter | Single with crossover & single converter | Dual Exhaust & Single Converter |
| Muffler No. & type (reverse flow straight thru, separate resonator) | One, Reverse Flow | One, with Resonator | 2-Mufflers |
| Converter (dia. & wall thickness) | 2.25 x .060 | 2.00 x .079 (d) | 2.25 x .079 (d) |
| Resonator (dia. & wall thickness) | 2.50 x .071 | | 2.25 x .071 (e) |
| Muffler (dia. & wall thickness) | 2.00 x .056 | 2.25 x .071 | 2.50 x .071 |
| | | | 2.00 x .056 |

- (a) V8-400 (LT4) for California uses same exhaust system as V8-454
- (b) Exhaust manifolds to converter
- (c) Converter to muffler
- (d) Laminated
- (e) Muffler to resonator 2.00 x .056

MVMA Specifications Form

Passenger Car

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

| Engine Displacement | | | |
|---------------------|---------------------|--------------------|---------------------|
| L6-250 C.I. L-22 | V8-350 C.I. LM-1 | V8-400 C.I. L65 | V8-454 C.I. LT-4 |
| | | | LS-4 |

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 22; Pickup 26 | |
| | Filler location | Behind hinged rear license plate (b) | |
| Fuel Pump | Type (elec. or mech.) | Mechanical | |
| | Locations | Lower right front of engine | |
| | Pressure range (a) | 4.00 - 5.00 7.50 - 9.00 | |
| Vacuum booster (std., optional, none) | | None | |
| Fuel filter | Type | Fine mesh plastic strainer in gas tank | |
| | Locations | and paper filter element in carburetor inlet | |
| | Choke type | Automatic | |
| | Intake manifold heat control (exhaust or water) | Exhaust | |
| Carburetor | Air cleaner type | Standard: Thermostatically controlled oil wetted paper element Optional: - - - | |
| | Idle speed (spec. neutral or drive) | Manual | 800 |
| | | Automatic | 600 in drive |
| | | Idle A/F mix. | Not Specified |

Carburetor Supplementary Information

| Model Usage | Engine Displ. | Transmission | Carburetors | | No. Used and Type | Barrel Size |
|---------------------------------------|---------------|--------------|-------------|-----------|-------------------|-------------|
| | | | Make | Model | | |
| Malibu Malibu Classic El Camino | 250 L22 | Manual | Rochester | 7045017 | One; | 1.69 |
| | | Automatic | | (7045314) | | |
| | 350 L65 | Manual | Rochester | 7045111 | One; | 1.69 |
| | | Automatic | | (7041112) | | |
| | 350 LM1 | Manual | Rochester | (7045507) | One; | 1.38 Prim |
| | | Automatic | | (7045506) | | |
| | 400 LT4 | Automatic | Rochester | 7045228 | One; | 1.38 Prim |
| | | | | (7045224) | | |
| | 454 LS4 | Automatic | Rochester | 7045200 | One; | 1.38 Prim |
| | | | | | 4-bbl. | 2.25 Sec. |

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

(a) 1800 RPM at pump outlet

(b) Left rear quarter on Station Wagons and El Camino

MVMA Specifications Form
Passenger Car

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

Engine Displacement

| | | | |
|--------------------|------------------------|--------------------|--------------------|
| L6-250 C.I. L22 | V8-350 C.I. L65 LM1 | V8-400 C.I. LT4 | V8-454 C.I. LS4 |
|--------------------|------------------------|--------------------|--------------------|

Engine — Cooling System

| | | | | | | |
|--|--------------------------------|--|--|----------|-------------|---|
| Cooling 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 1000 pump rpm | 21.0 | 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.) | 14 | 17 | 23 | | |
| | Without heater (qt.) | | | 23 | | |
| | Oct. equipment-specicity (qt.) | 16 | 18 | 23 | | |
| 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-Staggered | | 7-Blade | |
| | Diameter | | 17.62 | 19.00 | 19.50 | |
| | Ratio-fan to crankshaft rev | | 1.165:1 | .949:1 | 1.25:1 | |
| | Fan output type | | Thermo modulated clutch on V8-454 Only | | | |
| Bearing type | | Double row ball | | | | |
| Drive belts (indicate belt used by letter) | Fan | A | E | (H) | I | K |
| | Generator or alternator | A | E | (H) | I | K |
| | Water Pump | A | E | (H) | I | K |
| | Power Steering | B | F | F | F | L |
| | Air Conditioning | C | G | G | G | M |
| | Air Injection | (D) | (H) | (H) | I | K |

NOTE: Data bracketed () pertains to engines specific to California.

| | | | | | | | | | | | | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|-------|
| Drive Belt Dimensions | L | M | A | B | C | D | E | F | G | H | I | K |
| | | | | | | | 34°- 38° | | | | | |
| Minimum length (SAE) | 46.50 | 58.50 | 38.00 | 49.00 | 54.00 | 39.00 | 44.50 | 36.00 | 34.50 | 47.00 | 44.50 | 50.00 |
| Width | .440 | .440 | .440 | .380 | .440 | .380 | .380 | .380 | .380 | .380 | .380 | .440 |

**MVMA Specifications Form
Passenger Car**

Car Line CHEVELLE
 Model Year 1975 issued 9/74 Revised (•) _____

Engine Displacement

| | |
|------------------------------|-----------------------------------|
| L6-250 (L22) | L6-250 (L22)-California only |
| V8-350(L65) | V8-350 (LM1)-California only |
| All States except California | V8-400 (LT4)-All States |
| | V8-454 (LS4)-Not available in Cal |

Vehicle Emission Control

| Type (Air injection, engine modifications, other) | Engine Modification | Air Injection | |
|---|--|--|--------------------------|
| Air Injection Pump | Type | Semi-articulated Van Type | |
| | Displacement | 19.3 Cubic Inch | |
| | Drive ratio | 1.15:1 | |
| | Drive type | Crankshaft Pulley | |
| | Relief valve (type) | Combustion | Diverter Valve |
| Filter (describe) | | Centrifugal Air Cleaner | |
| Air Injection System | Air distribution (head, manifold, etc.) | System | Manifold or Exhaust Pipe |
| | Point of entry | | Manifold or Exhaust Pipe |
| | Injection tube i.d. | | .2700 |
| | Check valve type | | Pressure Plate System |
| | Backfire protection (type) | | Diverter Valve |
| Exhaust Emission Control | Type (controlled flow, open orifice, other) | Controlled Flow | |
| | Valve type | Vacuum modulated shut-off and metering valve | |
| | Valve location | L6-250&V8-454 Left Front V8-350&400 R.R. of Inlet Man | |
| | Control energy source | Carburetor Vacuum | |
| | Exhaust source | Manifold Heat Passage L6; Manifold Exhaust Crossov | |
| | Exhaust cooler type | None | |
| | Orifice no. and size | One; .030 (a) | |
| Other | Point of exhaust injection (spacer, carburetor, manifold, other) | Inlet Manifold | |
| | Carburetor Hot Air | Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air, to reduce hydrocarbon emission. | |
| | Under Floor Converter | Catalyst encased in a structural 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 monoxide to a more desirable emission. | |
| | | | |
| | | | |

(a) LT4 California engine - Dual diaphragm - Single Orifice

MVMA Specifications Form
Passenger Car

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

Engine Displacement

L6-250 C.I.; V8-350 C.I.
 V8-400 C.I.; V8-454 C.I.

Vehicle Emission Control (Continued)

| | | Type (ventilates to atmosphere, induction system, other) | Standard | Optional |
|--------------------------------|--|--|--|----------|
| | | Induction System | | |
| | | --- | | |
| Crankcase Emission Control | Control Unit | Make and model | A. C. Spark Plug 6487935 (L6) 6487728 (V8) | |
| | | Location | Rocker cover tap rear L6 and left front V8 | |
| | | Energy source (manifold vacuum, carburetor, other) | Manifold Vacuum | |
| | | Control method (variable orifice, fixed orifice, other) | Variable Orifice | |
| | Complete System | Discharges (to intake manifold, other) | Intake Manifold | |
| | | Air inlet (breather cap, other) | Carburetor Air Cleaner | |
| Flame arrestor (screen, other) | | Screen | | |
| Evaporative Emission Control | Fuel Tank | 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 | |
| | | Vapor vented to (crankcase, canister, other) | Canister | |
| | ---- | | | |
| Carburetor | Vapor vented to (crankcase, canister, other) | Atmospheric L-6 Engine | | |
| | | Internally Vented V-8 Engines | | |
| ---- | | | | |
| Vapor Storage | 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 CHEVELLE
 Model Year 1975 issued 9/74 Revised (•) _____

| Engine Displacement | | |
|---------------------|-------------------|-------------|
| L6-250 C.I. | V8-350 & 400 C.I. | V8-454 C.I. |

Electrical — Supply System

| | | | | | |
|-------------------------|-------------------------------------|--|----------------------|---------------------|--|
| Battery | Make and Model | Delco-Remy 1980199 | 19802000 | 1980204 | |
| | Voltage Rtg & Total Plates | 12V (2300 Watts) 54 | 12V (2900 Watts) 66 | 12V (4000 Watts) 78 | |
| | SAE Designation No. and/or capacity | (a) | (b) | (c) | |
| | 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 | 1108365 | | 1108430 | |
| | Rotation (drive end view) | Clockwise | | | |
| Motor Drive | Engagement type | Position Shift Solenoid | | | |
| | Pinion engages from (front, rear) | Rear | | | |
| | Number of teeth | Pinion | 9 | | 9 |
| | | Flywheel | Manual | 153 | 168 |
| | Auto. | | 153 | | 168 |
| | Flywheel tooth face width | Manual | .4010 - .4130 | | .4100 - .4220 |
| Auto. | | .4010 - .4130 | | .4100 - .4220 | |

- (a) 0°-275 amps; -20°-210 amps - 60 minutes reserve capacity
 (b) 0°-350 amps; -20°-270 amps - 100 minutes reserve capacity
 (c) 0°-445 amps; -20°-375 amps - 125 minutes reserve capacity

MVMA Specifications Form
Passenger Car

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

Engine Displacement

| | | | |
|--------------------|--------------------|--------------------|--------------------|
| L6-250 C.I. L22 | V8-350 C.I. L65 | V8-400 C.I. LT4 | V8-454 C.I. LS4 |
| | LMI | | |

Electrical — Ignition System — Distributor

| | | | | | | |
|-------------------------|-----------|----------------------|-----------|-----------|-----------|------------|
| Breaker gap (in.) | | Not Applicable | | | | |
| Cam angle (deg.) | | Not Applicable | | | | |
| Brkr. arm tension (oz.) | | Not Applicable | | | | |
| Distributor | Manual | 1112863 | 1112880 | 1112880 | -- | -- |
| | Automatic | 1112863 (1110650) | 1112880 | 1112880 | 1112882 | 1112886 |
| Timing | Manual | 10°BTC@800 | 6°BTC@800 | 6°BTC@800 | --- | --- |
| | Automatic | 10°BTC@600 | 6°BTC@600 | 6°BTC@600 | 8°BTC@600 | 16°BTC@600 |

| Distributor Model | CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM | | | VACUUM ADVANCE Crankshaft Deg. at In. of Mercury | |
|-------------------|---|--------------|-----------|---|-----------|
| | Start | Intermediate | Maximum | Start | Maximum |
| 1110650 | 0 @ 1200 | - - | 14 @ 4200 | 0 @ 4 | 16 @ 15 |
| 1112863 | 0 @ 1100 | 11 @ 2300 | 20 @ 4200 | 0 @ 4 | 16 @ 15 |
| 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 |

NOTE: Data bracketed pertains to engine application specific to California.

**MVMA Specifications Form
Passenger Car**

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

Engine Displacement

| | | | |
|-------------|-------------|-------------|-------------|
| L6-250 C.I. | V8-350 C.I. | V8-400 C.I. | V8-454 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.) | |
| Make | | Delco-Remy | |
| Coil | Model | 1115208 1115293 | |
| | Amps | Engine stopped | 4.0 |
| | | Engine idling | 1.8 |
| Spark Plug | Make | A. C. Spark Plug | |
| | Model | ACR46TX ACR44TX | |
| | Tread (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

| | | |
|-------------------------------|--------------------------------|--|
| Speedometer | Type | In-line with pointer |
| | Trip odometer (std. opt. N.A.) | Not Available |
| Charge indicator - type | | Tell-Tale |
| Temperature indicator - type | | Tell-Tale |
| Oil pressure indicator - type | | Tell-Tale |
| Fuel indicator - type | | Electric Gauge |
| Windshield wiper | Type - Standard | Electric Two-Speed |
| | Type - Optional | Intermittent Windshield Wiper System |
| Windshield washer | Type - Standard | Push Button |
| | Type - Optional | None |
| Horn | Type | Vibrator |
| | Number used | One; Two Optional (A) |
| | Amp draw (each) | 4.5-6.5 @ 12.5 (low note) |
| Other | | Restraint system warning light and buzzer Parking brake and parking brake warning light |

(A) - Two standard on Malibu Classic Landau.

MVMA Specifications Form

Passenger Car

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

Engine Displacement

| | |
|-------------|-------------|
| L6-250 C.I. | V8-350 C.I. |
|-------------|-------------|

Drive Units—Clutch (Manual Transmission)

| | | | |
|-----------------------------|------------------------------|------------------------------------|---------------------------------------|
| Make & type | Chevrolet Single Dry Disc | | Chevrolet Single Dry Disc Centrifugal |
| Type pressure plate springs | Diaphragm | | Diaphragm bent finger design |
| Total spring load (lb.) | 1650-1900 | | 2100 - 2300 |
| No. of clutch driven discs | One | | |
| Clutch facings | Material | Woven type asbestos | |
| | Manufacturer | Chevrolet | |
| | Part Number | 3828054 | 3927129 |
| | Rivets/Plate | 36 | 40 |
| | Rivet size | .143 x .213 | .183 x .218 |
| | Outside & inside dia. | 9.12 x 6.12 | 10.34 x 6.50 |
| | Total eff. area (sq. in.) | 71.82 | 101.54 |
| Release bearing | Thickness | .135 | |
| | Engagement cushioning method | Flat spring steel between facings | |
| | Type & method of lubrication | Single row ball, packed and sealed | |
| Optional Clamping | Methods: springs. | Coil Springs | |
| | Friction material | | |

Drive Units—Transmissions

| | |
|-----------------------------------|--|
| Manual 3-speed (std., opt., N.A.) | Standard not available with V8-400 & 454 |
| Manual 4-speed (std., opt., N.A.) | Not Available |
| Automatic (std., opt., N.A.) | Optional |

Drive Units — Manual Trans.

| | | | |
|------------------------------------|----------------------|--------------------------------------|--------|
| Number of forward speeds | 3 | 3 | |
| Transmission ratios | In first | 3.11 | 2.85 |
| | In second | 1.84 | 1.68 |
| | In third | 1.00 | 1.00 |
| | In fourth | - | - |
| | In reverse | 3.22 | 2.95 |
| Synchronous meshing, specify gears | All Forward Gears | | |
| Shift lever location | Floor Mounted | | |
| Lubricant | Capacity (pt.) | 3 | |
| | Type recommended | Meeting Military Specs, MIL-L-2105 B | |
| | SAE viscosity number | Summer | SAE-80 |
| | | Winter | SAE-80 |
| Extreme cold | | SAE-80 | |

MVMA Specifications Form Passenger Car

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

Engine Displacement

| | | |
|-------------|-------------------|-------------|
| L6-250 C.I. | V8-350 & 400 C.I. | V8-454 C.I. |
|-------------|-------------------|-------------|

Drive Units—Automatic Transmission

| | | | |
|-----------------------------------|--|------------------|--------------------|
| Trade name | Turbo-Hydrumatic | | |
| Type (describe) | Torque converter with planetary gears | | |
| Selector location | Lever-steering column; floor mounted when used with console and optional bucket seats. | | |
| 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 | 83 | 89 | |
| Max. kickdown speed - drive range | 80 | 85 | |
| Torque converter | 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 axles, overhung hypoid drive pinion and ring gear | | | |
| Limited Slip differential, type | Disc Clutches | | | |
| Drive Pinion Offset | 1.50 | | | |
| No. of differential pinions | Two | | | |
| Pinion adjustment (shim, other) | Shims | | | |
| Pinion bearing adj. (shim, other) | Collapsible Sleeve | | | |
| Wheel bearing type | Direct Single Row Cylindrical | | | |
| Lubricant | Capacity (pt.) | 4.25(8-1/2 ring gear) 4.9 (8-7/8 ring gear) | | |
| | Type recommended | | | |
| | SAE viscosity number | Summer | | |
| | | Winter | | |
| Extreme cold | | | | |

5

Axle Ratio Tooth Combinations (See page 5 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 CHEVELLE
 Model Year 1975 Issued 9/74 Revised (●) _____

Engine Displacement

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

Drive Units—Propeller Shaft

| | | | |
|--|------------------------------------|--|---------------|
| Number used | | One | |
| Type (straight tube, tube-in-tube, internal-external damper, etc.) | | Straight Tube | |
| Outer diam. x length* x wall thickness | Manual 3-speed trans. | 3.00 x 57.65 x 0.065 (116" wheelbase) 2.75 x 53.65 x 0.065 (112" wheelbase) | |
| | Manual 4-speed trans. | | |
| | Automatic transmission | Same as 3-Speed | |
| Intermediate bearing | Type (plain, anti-friction) | None | |
| | Lubrication (fitting, prepack) | - - - | |
| Dip Yoke | Type | Yoke | |
| | Number of teeth | 27 | |
| | Spline O D | 1.1750 - 1.1752 | |
| | Make and Mfg. No. | Chevrolet 1285, Saginaw 44 | |
| Universal joints | Number used | Two | |
| | Type (ball and trunnion, cross) | Cross | |
| | Rear attach. (u-bolt, clamp, etc.) | Strap & Bolt | |
| | Bearing | Type (plain, anti-friction) | Anti-Friction |
| | | Lubric. (fitting, prepack) | Pre-Pack |
| Drive taken through (torque tube or arms, springs) | | Control Arm | |
| Torque taken through (torque tube or arms, springs) | | Control Arm | |

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

MVMA Specifications Form
Passenger Car

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

Body Type And/Or Engine Displacement, Etc.

| | | | |
|----------------------|-------|-------------|-----------|
| 1AC29/37 1AD29/37 | 1AE37 | 1AC/AD/AG35 | 1AC/AD 80 |
|----------------------|-------|-------------|-----------|

Drive Units — Tires And Wheels (Standard)

| | | | | | | |
|-----------------------------|---|---------------------|---------------------------|-----------|-----------|-----------|
| TIRES | Size, load range, ply | | FR 78x15B (a) | GR 78x15B | HR 78x15B | GR 78x15B |
| | Type (bias, radial, etc.) | | Steel Belted Radial | | | |
| | Inflation pressure (cold) for recommended max. vehicle load | Front * | 28 | 28 | 24 | 30 |
| | | Rear * | 32 | 28 | 32 | 32 |
| Rev. mile (at 45 mph) | | | 763 | 745 | 763 | |
| WHEELS | Type & material | | Short Spoke Disc, Steel | | | |
| | Rim (size & flange type) | | 15x6 (g) | 15x6 (g) | 15x7 (g) | 15x7 (g) |
| | Wheel offset | | .50 | .50 | .30 | .30 |
| | Attachment | Type (bolt or stud) | Stud | | | |
| | | Circle diameter | 4.75 | | | |
| | | Number & size | 5 Hex Nuts 7/16-20 UNF-2B | | | |
| Spare wheel (same or other) | | Same | | | | |

Drive Units — Tires And Wheels (Optional)

| | | | | |
|-------------------------------------|------------------------|------------|------------|----------------|
| Size, load range, ply | GR 78x15B (b) | HR 78x15B | | HR78x15B |
| Type (bias, radial, etc.) | Steel Belted Radial | | | Stl. Blt. Rad. |
| Wheel type & material | Short Spoke Disc Steel | | | |
| Rim (size, flange type, and offset) | 15x6 (g) | 15 x 6 (g) | 14 x 6 (g) | 15 x 6 (g) |
| Size, load range, ply | HR78x15B (c) | | | |
| Type (bias, radial, etc.) | Stl. Blt. Rad. | | | |
| Wheel type & material | Spoke Disc | | | |
| Rim (size, flange type, and offset) | 15x6 (g) | | | |
| 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 * Full rated pressures shown; selective tire pressures are contingent on weight of vehicles.

| | | | |
|---------------------------------|---|-----|--|
| Type of control | Apply foot pedal; release "T" handle. | | |
| Location of control | Under Instrument panel, left of steering column | | |
| Operates on | Rear Service Brakes | | |
| If separate from service brakes | Type (internal or external) | --- | |
| | Drum diameter | --- | |
| | Lining size (length x width x thickness) | --- | |
| | | | |

- (a) Base Tire with L6 engine models
- (b) Base Tire with V8 engine models except V8-454
- (c) Base tire with V8-454 Optional all others
- (d) Optional with L6 engine models
- (e) Optional with V8 engine models except V8-454
- (f) Optional with V8-454 M
- (g) 15x7 or 15x7 Rally Available Optionally

MVMA Specifications Form Passenger Car

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

Body Type And/Or Engine Displacement

| | |
|-----------------------|----------------|
| Sedan, Coupe & Pickup | 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) | | Metering and proportioning (except Station Wagons) | |
| Power Brake (std., opt., N.A.) | | | Optional | Standard |
| Booster Type (remote, integral, etc.) | | | Integral | |
| Effective area (sq. in.)* | | | 100.5 | 111.2 |
| Gross lining area (sq. in.)** | | | 111.1 | 123.1 |
| Swept area (sq. in.)*** | | | 326.4 | 344.4 |
| Drum | Diameter (nominal) | Front | --- | |
| | | Rear | 9.5 | 11.0 |
| Type and material | | | Finned, Cast Iron | |
| Rotor | Outer working diameter | | 11.0 | |
| | Inner working diameter | | 7.18 | |
| | Thickness | | 1.00 | |
| | Material & type (vented/solid) | | Cast Iron, Vented | |
| Wheel cylinder bore | Front | | 2.9375 | |
| | Rear | | 0.875 | 0.938 |
| Master Cylinder | Bore | | 1.00 Power 1.125 | |
| | Stroke | | Manual 1.47; Power 1.41 | 1.41 |
| Pedal and ratio | | | Manual 6.12:1; Power 3.1:1 | 3.1:1 |
| Line pressure at 100 lb. pedal load | | | 700 | |
| Shoe Clearance | Front | | Self Adjusting | |
| | Rear | | Self Adjusting | |
| Anti-skid device type (std., opt., N.A.) | | | N.A. | |
| Bonded or riveted, rivets/seg. | | | Riveted 16 Front; 20 Rear | |
| Rivet size | | | Front .206 x .312; Rear .143 x .250 | |
| Manufacturer | | | Delco Moraine | |
| Part number | | | Frt. 5468646; Rr. 5474999/5000 Frt. 5468646; Rr. 5471666/67 | |
| Brake Lining | 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 | .630 |
| | Segments per shoe | | One | |
| | Shoe thickness | | .630 | |
| | Rear Wheel | Material | Molded Asbestos | |
| Size (length x width x thickness) | | Prim or out-board | 7.58 x 2.0 x 0.23 | 8.95 x 2.0 x 0.25 |
| | | Second. or in-board | 9.84 x 2.0 x 0.30 | 11.59 x 2.0 x 0.29 |
| Segments per shoe | | One | | |
| Shoe thickness | | Primary-.295; Secondary-.365 | Primary-.305; Secondary-.360 | |

* 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 $\pi/2$ for each brake.)

MVMA Specifications Form

Passenger Car

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



Steering

| | | | |
|--|---|---|---|
| Manual (std., opt., NA) | | Standard with L6 Engine Models | |
| Power (std., opt., NA) | | Standard on all models except L6 engine equipped | |
| Adjustable steering wheel (tilt, swing, other) | Type and description | Tilt: Universal jointed steering shaft at base of steering wheel; 5 inch vertical travel. | |
| | (std., opt., NA) | Optional | |
| Wheel diameter | Manual | 15.25 x 14.72 (Oval) | |
| | Power | Same | |
| Turning diameter (feet) | Outside front | Wall to wall (l. & r.) | Manual 42.64; Power except S. Wag. 43.06, S. Wag. 42.86 |
| | | Curb to curb (l. & r.) | Manual 39.46; Power except S. Wag. 39.89, S. Wag. 39.74 |
| | Inside rear | Wall to wall (l. & r.) | - - - |
| | | Curb to curb (l. & r.) | - - - |
| Manual | Gear | Type | Semi-reversible, recirculating ball nut |
| | | Make | Saginaw Steering |
| | Ratios | Gear | 28.0:1 |
| | | Overall | 32.8:1 on center to 34.71 |
| No wheel turns (stop to stop) | | 6.64 | |
| Power | Type (coaxial, linkage, etc.) | | Integral gear with power piston and vane-type pump. |
| | Make | | Saginaw Steering |
| | Gear | Type | Same as manual |
| | | Ratios | Gear |
| Pump driven by | | Crankshaft Pulley | |
| No wheel turns (stop to stop) | | Except St. Wags. 3.30; St. Wags. 3.37 | |
| 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.) | | 9.6 @ 1° Camber |
| | Bearings (type) | Upper | Ball stud with non-metallic surfaces |
| | | Lower | Ball stud with non-metallic surfaces |
| | | Thrust | None |
| Wheel Alignment range at curb wt. & preferred | Caster (deg.) | | P2±1/2; |
| | Camber (deg.) | | Left P1±1/2; Right P1/2±1/2 |
| | Toe-in (outside track inches) | | 1/16±1/16 |
| Steering spindle & joint type | | Forging with pad for mounting brake cyl. spherical joints | |
| Wheel Spindle | Diameter | Inner bearing | 1.2493 - 1.2498 |
| | | Outer bearing | 0.7493 - 0.7498 |
| | Thread size | | 3/4-20 NEF-3 (Modified) |
| | Bearing type | | Taper Roller |

(a) Station Wagons 18.7:1 on center to 16.1:1

MVMA Specifications Form Passenger Car

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

Body Type And/Or Engine Displacement

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

Suspension — General

(See Supplement page for details on Air Suspension)

| | | |
|------------------------------------|--|--------------------------------|
| Provision for car leveling | Front Stabilizer Bar | |
| Provision for brake dip control | Mounting angle of front upper control arms | |
| Provision for acc. squat control | Rear Suspension Geometry | |
| Special provisions for car jacking | Position jack in bumper slots in 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 | Air booster shock absorbers standard on rear of Pickup | |

Suspension — Front

| | | |
|----------------------|---|--------------------------------|
| Type and description | Independent - SLA type with coil springs | |
| Travel | Full Jounce | 3.54 |
| | Full Rebound | 4.28 |
| Spring | Type (coil, leaf, other) | Coil |
| | Material | Steel Alloy |
| | Size (coil design height & I.D., bar length x dia.) | 11.0 x 4.05; 128.96 x .668 (a) |
| | Spring rate (lb. per in.) | 365 (a) |
| | Rate at wheel (lb. per in.) | 101.7 |
| Stabilizer | Type (link, linkless, frameless) | Link |
| | Material & bar diameter | HR Steel 0.8125 |

Suspension — Rear

| | | |
|--------------------------------|---|---------------------------------|
| Type and description | Linked Salisbury axle fixed by control arms. | |
| Drive and torque taken through | Control Arms | |
| Travel | Full Jounce | 3.80 |
| | Full Rebound | 4.87 |
| Spring | Type (coil, leaf, other) | Coil |
| | Material | Steel Alloy |
| | Size (length x width, coil design height & I.D., bar length & dia.) | 10.00 x 5.50; 110.8 x 0.548 (a) |
| | Spring rate (lb. per in.) | 115 (a) |
| | Rate at wheel (lb. per in.) | 112.3 |
| | Mounting insulation type | Natural Rubber |
| | If leaf | No. of leaves |
| leaf | Shackle (comp. or tens.) | -- |
| Stabilizer | Type (link, linkless, frameless) | None |
| | Material & bar diameter | -- |
| Track bar type | None | |

(a) For based equipped model. Springs for all models computer selected by size and rate according to vehicles weight, including optional equipment.

MVMA Specifications Form Passenger Car

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

Body Type

| | | | |
|-----------------|------------------|-------------------|-----------------|
| 4-Door Sedan | 2-Door Coupes | Station Wagons | Sedan Pickup |
| | IAC37 | IAD37 | |
| | | IAE37 | |

Frame

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

All welded perimeter type with front crossmember, rear suspension crossmember, and rear crossmember.

Body — Miscellaneous Information

| | | | | | |
|--|--|--------|---------|--------|--------|
| Dr's hinged (front, rear) | Front doors | Front | | | |
| | Rear doors | Front | - - - | Front | - - - |
| Type of finish (lacquer, enamel, other) | Acrylic Lacquer | | | | |
| Hood counterbalanced (yes, no) | Yes | | | | |
| Hood release control (internal, external) | Internal | | | | |
| Vehicle indent No. location | Top left of instrument panel pad. | | | | |
| Engine No. location | 6 Cyl. - On crankcase on RH side of engine, rear of distributor. V8 - On top front of RH bank of cylinder and case. | | | | |
| Theft protection - type | Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition. | | | | |
| Vent window control method (crank, friction pivot) | Front | None | | | |
| | Rear | None | | | |
| Seat cushion type | Front | Formed | Jam pad | | |
| | Rear | Formed | Jam pad | | |
| | 3rd seat | Formed | Jam pad | | |
| Seat back type | Front | Formed | Jam pad | | |
| | Rear | Formed | Jam pad | | |
| | 3rd seat | Formed | Jam pad | | |
| Windshield glass type (i.e., single curved - laminated plate) | Curved - Laminated Plate | | | | |
| Side glass type (i.e., curved - tempered plate) | Curved - Tempered Plate | | | | |
| Backlight glass type (i.e., compound curved - tempered plate, three piece) | Tempered Plate | | | Flat | |
| | Curved | | | | |
| Windshield glass exposed surface area | 1332.6 | 1276.6 | 1332.6 | 1276.6 | |
| Side glass exposed surface area | 2127.9 | 1836.0 | 1518.6 | 3174.3 | 1252.0 |
| Backlight glass exposed surface area | 1262.9 | 1307.2 | 926.1 | 573.2 | |
| Total glass exposed surface area | 4723.4 | 4419.8 | 4102.4 | 5433.0 | 3101.8 |

MVMA Specifications Form
Passenger Car

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

| Body Type | | | |
|--------------|---------------|---------------|--------------|
| 4-Door Sedan | 2-Door Coupes | Station Wagon | Sedan Pickup |

Convenience Equipment

| | | |
|--|-----------------------|---|
| Power windows | Side windows | Optional |
| | Vent windows | NA |
| | Backlight or tailgate | NA |
| Power seats (specify type as well as availability) | | 6-Way power bench seat, optional all models except 1AC&1AD80 |
| Reclining front seat back (R-L or both) | | NA |
| Radios (specify type as well as availability) | | Optional-AM AM-FM, AM-FM Stereo Radio(a) AM Radio W Stereo Tape(a) AM-FM Stereo Radio w/Stereo Tape System(a) |
| Rear seat speaker | | Optional |
| Power antenna | | NA |
| Clock | | Optional |
| Air conditioner (specify type and availability) | | Optional - 4-Season manual controls |
| Speed warning device | | NA |
| Speed control device | | Optional |
| Ignition lock lamp | | NA |
| Dome lamp | | Standard |
| Glove compartment lamp | | Standard |
| Luggage compartment lamp | | Optional (a) |
| Underhood lamp | | Optional |
| Courtesy lamp | | Optional |
| Trunk lamp | | Optional |
| Interior light lamp | | NA |
| Window defroster electrically heated | | NA |
| Rear window defogger | | Optional (a) |

| | |
|------------------------|--|
| Power Door Lock System | Optional |
| Swivel Bucket Seats | Optional all models except Model 29 |
| Windshield Antenna | Available with factory installed radio |

Lamp Height And Spacing* Also with tinted windshield glass

| | | | | | | |
|---|-----------------|-----------|------|------|------|------|
| Height above ground to center of bulb or marker | Headlamp (H125) | Highest** | 27.7 | 27.8 | 28.2 | 28.2 |
| | | Lowest | -- | -- | -- | -- |
| | Tail (H126) | Highest | 24.2 | 23.9 | 17.1 | 16.0 |
| | | Lowest | -- | -- | -- | -- |
| Sidemarker | Front | 23.7 | 23.8 | 24.3 | 24.3 | |
| | Rear | 20.2 | 20.1 | 20.1 | 19.2 | |
| Distance from C.L. of car to center of bulb | Headlamp | Inside | -- | -- | -- | -- |
| | | Outside** | 28.5 | 28.5 | 28.5 | 28.5 |
| | Tail | Inside | 21.3 | 21.3 | 21.3 | |
| | | Outside | 26.1 | 26.1 | 26.1 | |
| | Directional | Front | 28.4 | 28.4 | 28.4 | |
| | | Rear | 26.1 | 26.1 | 26.1 | |

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

** Single headlamps are used enter here.

(2) Not available with El Camino

MVMA Specifications Form
Passenger Car

Car Line CHEVELLE
Model Year 1975 Issued _____ Revised (●) _____

| Equipment Differential Weights | WEIGHT (Pounds) | | | Remarks |
|---------------------------------------|-----------------|------|-------|--|
| | Front | Rear | Total | |
| | +71 | + 4 | + 75 | |
| Air Conditioning | + 86 | + 4 | + 90 | With 6 cyl. engine |
| Power Steering | + 27 | + 1 | + 28 | With V8 engine |
| Power Brakes | + 10 | + 1 | + 11 | |
| Electric Door Locks | + 4 | + 3 | + 7 | Used with 2-Door Models |
| | + 7 | + 8 | + 15 | Used with 4-Door Models |
| Bucket Seat Swivel | + 5 | + 6 | + 11 | |
| Station Wagon-3rd Seat | - 5 | + 37 | + 32 | |
| Power Windows | + 6 | + 3 | + 9 | 2-Door Models |
| | + 9 | + 11 | + 20 | 4-Door Models |
| | + 6 | + 3 | + 9 | El Camino |
| Power Seat 6-Way Bench | + 13 | + 11 | + 24 | |
| Front & Rear Floor Mats | + 5 | + 4 | + 9 | All except El Camino |
| Front Floor Mat | + 4 | + 2 | + 6 | El Camino |
| Electric Sun Roof | + 18 | + 28 | + 46 | Model 37 only |
| Vinyl Roof Cover | + 3 | + 5 | + 8 | All except Station Wagons |
| Rear Window Air Defl. | - 1 | + 7 | + 6 | Station Wagons |
| Rear window defogger | 0 | + 4 | + 4 | All except Station Wagons |
| | - 1 | + 7 | + 6 | Station Wagons |
| Radio AM Push-Button | + 4 | + 2 | + 6 | |
| Radio AM/FM Push-Button | + 6 | + 2 | + 8 | |
| Radio AM/FM Stereo | + 11 | + 4 | + 15 | |
| Radio AM Push-Button & Stereo Tape | + 15 | + 5 | + 20 | |
| Radio AM/FM Push-Button & Stereo Tape | + 16 | + 5 | + 21 | |
| Front & Rear Bumper Guards | + 8 | + 6 | + 14 | |
| Roof Luggage Carrier | + 2 | + 18 | + 20 | Station Wagons |
| Front Compartment Console | + 10 | + 5 | + 15 | Used with Automatic Transmission |
| 350 C.I. L65 | +112 | + 8 | +120 | 1AC +1AD 29, 37, 80 |
| 350 C.I. LM1 | +116 | + 8 | +124 | 1AC + 1AD 29, 37, 80 |
| | + 4 | 0 | + 4 | 1AA35 |
| 400 C.I. LT4 | + 68 | + 10 | + 78 | 1AC + 1AD 29, 37, 80 |
| | - 42 | - 2 | - 44 | 1AA 35 |
| 454 C.I. LS4 | +228 | + 55 | +283 | 1AC + 1AD 29, 37 |
| | +231 | + 40 | +271 | 1AC + 1AD 80 |
| | +168 | + 34 | +202 | 1AA 35 |
| Turbo Hydra-matic Trans | + 21 | + 6 | + 27 | Used with L6 Engine, 1AC + 1AD 29, 37, 80 |
| " " " " | + 22 | + 8 | + 30 | Used with L65 & LM1 Engines, 1AC + 1AD 29, 37, 80 |
| " " " " | + 22 | + 8 | + 30 | Used with L65 & LM1 engines, 1AA 35 |
| " " " " | + 71 | + 19 | + 90 | Used with LT4 engine, 1AC + 1AD 29, 37, 80, 1AA 35 |
| " " " " | + 83 | + 27 | +110 | Used with LS4 Engine, 1AC + 1AD 29, 37, 80 |
| " " " " | +38 | + 14 | + 52 | Used with LS4 Engine, 1AA 35 |

**MVMA Specifications Form
Passenger Car**

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

Body Type

Vehicle Fiducial Marks

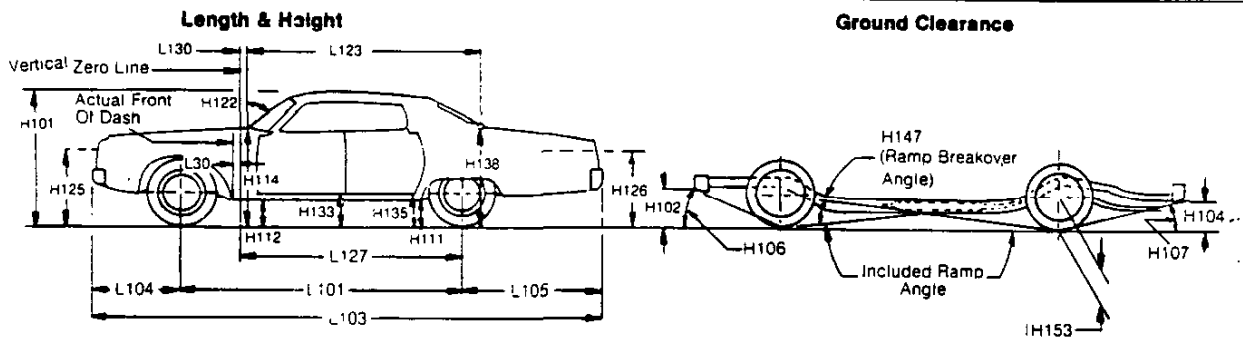
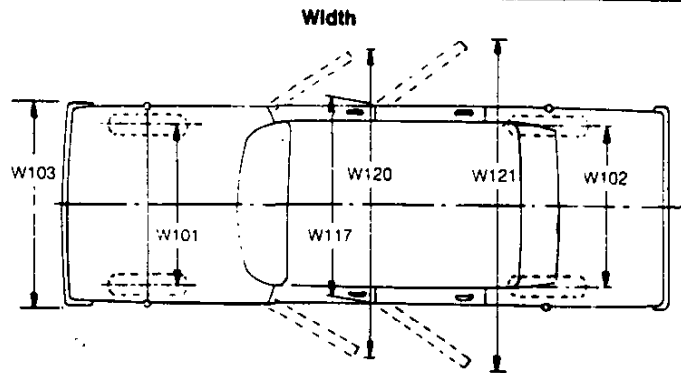
| Fiducial Mark Number * | Define Coordinate Location |
|------------------------|--|
| Front | X - - Fiducial Mark to Centerline of Car - Front Width measurement made front centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt. |
| | Y - Fiducial Mark to Vertical 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. |

| Fiducial Mark Number | Coordinate Location of Fiducial Mark | | | Fiducial Mark to Ground at Design |
|----------------------|--------------------------------------|--------|-------|-----------------------------------|
| | X | Y | Z | |
| Front | 22.72 | 28.48 | 4.83 | Coupes 10.43 |
| | | 28.48 | 4.83 | Sedans 10.44 |
| | 22.72 | 28.50 | 4.83 | Station Wagons 11.41 |
| | | 28.50 | 4.83 | El Camino 11.03 |
| Rear | 12.70 | 130.54 | 9.50 | Coupes 14.44 |
| | | 134.54 | 9.50 | Sedans 14.56 |
| | 18.50 | 146.00 | 12.30 | Station Wagons 19.00 |
| | | 142.00 | 11.77 | El Camino 17.48 |

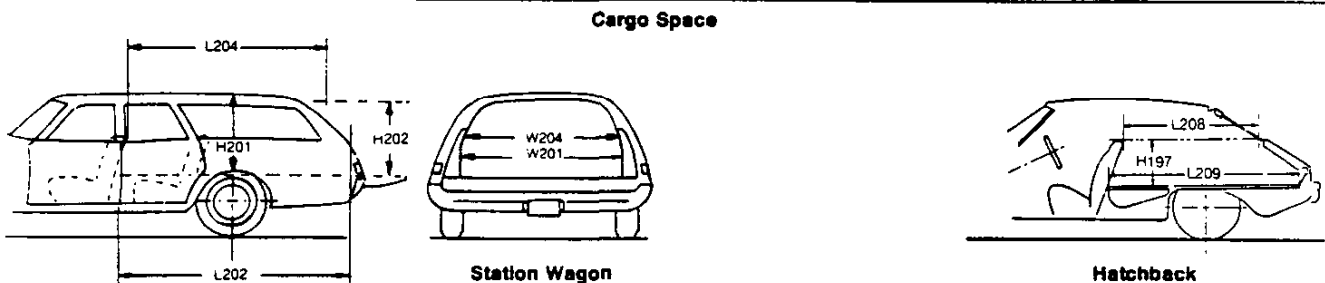
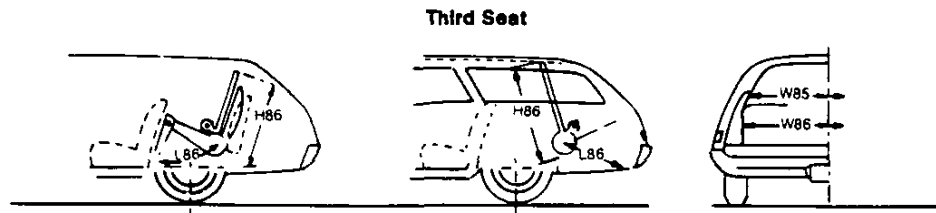
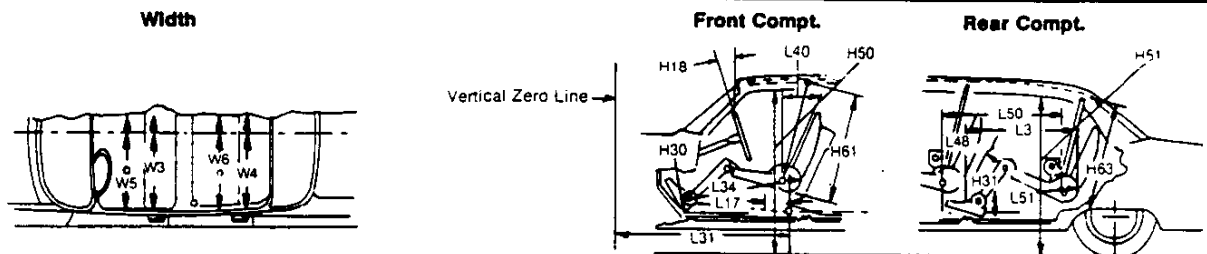
* Reference — SAE Recommended Practice, J182

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet Dimension Definitions

Width Dimensions

- W101 WHEEL TREAD — FRONT. Measured at centerline of tires, with nominal camber, at ground.
- W102 WHEEL TREAD — REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT NO. 2 PILLAR. Measured across body at No. 2 pillar, excluding hardware and applied moldings.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN is measured in same manner as W120.

Length Dimensions

- L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (—) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG — FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG — REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

Height Dimensions

- H101 OVERALL HEIGHT — DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND. Measured at vehicle centerline.
- H138 DECK POINT TO GROUND. Measured at vehicle centerline.

- H112 ROCKER PANEL TO GROUND — FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
- H133 BOTTOM OF DOOR TO GROUND, CLOSED — FRONT is the same point on the door as H132 dimension, with door closed.
- H111 ROCKER PANEL TO GROUND — REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
- H135 BOTTOM OF DOOR TO GROUND, CLOSED — REAR is measured in same manner as H133.
- H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.
- H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.
- H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

Ground Clearance Dimensions

- H102 BUMPER TO GROUND — FRONT. Minimum dimension includes bumper guards.
- H104 BUMPER TO GROUND — REAR. Minimum dimension includes bumper guards.
- H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference: measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.
- H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND is a minimum clearance.
- H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Front Compartment Dimensions

- L31 H POINT TO VERTICAL ZERO LINE — FRONT is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H75 EFFECTIVE T POINT HEADROOM — FRONT. The arc dimension from the T Point to the headlining plus 30 inches.
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H30 H POINT TO HEEL POINT — FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within the belt line to 10 inches above the H-point—front.
- W5 HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within 1.0 inches below and 3.0 inches above the H-point height and 3.0 inches fore and aft of the H-point.
- H50 UPPER BODY OPENING TO GROUND — FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- H18 STEERING WHEEL ANGLE — VERTICAL. The angle measured from a vertical to the surface plane of the steering wheel.
- L40 BACK ANGLE — FRONT. The angle measured between a vertical line through the H-Point-Front and the torso line.

Rear Compartment Dimensions

- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 EFFECTIVE HEAD ROOM — REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H76 EFFECTIVE T POINT HEADROOM — REAR. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM — REAR. Measured along a diagonal line from the ankle pivot center to the H

Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.

- H31 H POINT TO HEEL POINT — REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 KNEE CLEARANCE. The minimum dimension measured from the knee pivot center to the back of front seatback minus 2.0 inches.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the H-point—second within 10.0-16.0 inches above the H-point—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND — REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

Luggage Compartment Dimensions

- V1 LUGGAGE CAPACITY — USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

Station Wagon — Third Seat Dimensions

- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W4.
- W86 HIP ROOM—THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM — THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H86 EFFECTIVE HEAD ROOM — THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H89 EFFECTIVE T POINT HEADROOM — THIRD SEAT. Measured in the same manner as H75.

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 wheel housings 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

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