



GENERAL

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ORIGINAL COPY

MODEL IDENTIFICATION

BODY	BODY STYLE	MODEL DESIGNATION	PASSENGERS
H-CAR	2-Door Hatchback Coupe	1HM07	4
	2-Door Hatchback Coupe	1HM77	4
	2-Door Notchback Coupe	1HM27	4
	2-Door Station Wagon	1HM15	4
	2-Door Hatchback Coupe	1HR07	4
	2-Door Notchback Coupe	1HR27	4

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE SERIAL NUMBER

Vehicle Designation Interpretation

1 R 07 V 8 U 100001

Sequential Number
Assembly Plant (*)
Model Year 1978
Engine Type (**)
Body Style (last two digits of model Number)
Car line and Series (***)
Make ("1" for Chevrolet)

- *U - Lordstown-GMAD
- **V - L4-151 (85 H.P.) (RPO LX6)
- 1 - L4-151 (85 H.P.) (RPO LS6)
- C - V6-196 (90 H.P.) (RPO LC9)
- A - V6-231 (105 H.P.) (RPO LD5)
- U - V8-305 (145 H.P.) (RPO LG3)
- ***R - Monza - 1HR07 & 1HR27
- M - Monza - 1HM07, 27, 77, 15

EXAMPLE: The twenty-fifth Chevrolet vehicle built at Chevrolet Lordstown if it were a 1HR07 model (Monza 2 + 2 Coupe) with a L4-151 (85 H.P.) engine would bear VIN Number 1R07V8U10025.

Location Stamped on plate attached to left hand windshield pillar.

TRANSMISSION IDENTIFICATION

Example: ZNR8E01D

Type Designation	Source Designation	Model Year	Production ^o Month & Date
ZR	R (Muncie)	1978 8	E01D*

ZR	4-Speed	L-4 engine	R - Muncie
RJ	5-Speed	L-4 engine	Warner Gear
SCA	3-Speed Auto.	L-4 engine	B - Parma
U2	4-Speed	V6 engines	R - Muncie
U6 & U7	5-Speed	V6 engines	Warner Gear
5KK	3-Speed Auto.	V6 engines	B - Parma
RH	4-Speed	V8 engine	R - Muncie
5WC	3-Speed Auto.	V8 engine	D - Parma

LOCATION:
4 & 5 Speed Stamped on the top right side of transmission case.
3-Speed Automatic Stamped on right side of transmission, above filler plug.

^oMonth: E denotes May; 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: T1210WD

Source Designation	Production* Month & Date	Type Designation
T (Tonawanda)	1210	WD

2.5, 151 Cubic Inch, L4 Engine (Base Engine) (RPO LX6)
WD - Regular engine, 4-speed transmission
WD - Regular engine, 5-speed transmission
XL - Regular engine, 3-speed automatic

2.5, 151 Cubic Inch, L4 Engine (RPO LS6) (Base Engine California Only)
WB - Regular engine, 4-speed transmission
ZC - Regular engine, 3-speed automatic

3.2, 196 Cubic Inch, V6 Engine (RPO LC9)
PC - Optional engine, 4-speed transmission
PC - Optional engine, 5-speed transmission
PD - Optional engine, 3-speed automatic

3.8, 231 Cubic Inch, V6 Engine (RPO LD5)
OD - Optional engine, 4-speed transmission
OD - Optional engine, 5-speed transmission
OC - Optional engine, 3-speed automatic

5.0, 305 Cubic Inch, V8 Engine (RPO LG3)
CTA - Optional engine, 4-speed transmission
CTB - Optional engine, 3-speed automatic

Location:
4-Cylinder engine Stamped opposite the number three cyl. on the right side of case.
8-Cylinder engine Stamped on pad at front right side of cylinder block.

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

REAR AXLE IDENTIFICATION

- 2EZ- 2.29 Axle
- 2EY- 2.56 Axle
- 2EX- 2.73 Axle
- 2EW- 2.93 Axle
- 2EV- 3.23 Axle
- 2ER- 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

EXTERIOR EQUIPMENT

	MONZA LINE				SPORT VERSION	
	WAGON 1HM15	NOTCH. 1HM27	HATCH. 1HM07	HATCH. 1HM77	NOTCH. 1HR27	HATCH. 1HR07
FRONT						
Front Header Panel	X	X	X	X	-	-
Body Color Plastic Slotted Front End Panel . .	-	-	-	-	X	X
'Monza' Nameplate	-	-	-	-	X	X
Front Bow-Tie Medallion	-	-	-	-	X	X
Radiator Grille, Bright Chrome and Black Painted Plastic	X	X	X	X	-	-
Grille Bow-Tie Emblem	X	X	X	X	-	-
Body Color Plastic Lower Valance Panel	X	X	X	X	-	-
Bright Windshield Reveal Moldings	X	X	X	X	-	-
Bright and Black Windshield Reveal Moldings .	-	-	-	-	X	X
Headlamp Bezels						
Bright (Quad Rectangular Headlamps)	-	-	-	-	X	X
Bright (Two Round Headlamps)	X	X	X	X	-	-
Clear Parking Lamp Lens and Amber Bulb . . .	-	-	-	-	X	X
Amber Parking Lamp Lens and Clear Bulb . . .	X	X	X	X	-	-
Brushed Metallic Windshield Wipers	X	X	X	X	-	-
Black Windshield Wipers	-	-	-	-	X	X
Front Bumper						
Soft Facia, Integral Body Color Impact Strips and Guards	-	-	-	-	X	X
Chrome Face Bar	X	X	X	X	-	-
Black Rub Strip	X	X	X	X	-	-
Black Front Air Dam	-	-	-	-	X	X
SIDE						
Ornamentation						
Front Fender 'Monza' Nameplate	X	X	X	X	X	-
Front Fender '2 + 2' Nameplate	-	-	-	-	-	X
Black Painted Rocker Panel, Lower Fender and Quarter Panel	-	-	-	-	X	-
Body Color Door Handle Insert	-	-	-	-	X	X
Moldings						
Bright Door Belt	-	-	X	-	-	X
Bright Door and Rear Quarter Belt	-	X	-	X	X	-
Bright Door and Rear Quarter Upper	X	-	-	X	-	-
Bright Door Frame	-	-	X	-	-	X
Bright Roof and Rear Quarter Window Drip .	-	X	-	-	X	-
Bright Roof Drip	X	-	-	X	-	-

EXTERIOR EQUIPMENT

EXTERIOR EQUIPMENT

	MONZA LINE				SPORT VERSION	
	WAGON 1HM15	NOTCH. 1HM27	HATCH. 1HM07	HATCH. 1HM77	NOTCH. 1HR27	HATCH. 1HR07
SIDE						
Moldings - Continued						
Bright and Black Rear Quarter Window	-	-	X	-	-	X
Black Rear Quarter Window	-	X	-	-	X	-
Black Door Window Frame	-	-	-	-	X	-
Black Door Window Frame (No Moldings)	-	X	-	-	-	-
Black Door and Rear Quarter Pillar Applique	-	-	X	-	-	X
Black Rear Quarter Pillar Applique -						
Argent Edges	-	-	-	-	X	-
Black Rear Quarter Pillar - No Applique	-	X	-	-	-	-
Wheel Trim						
Full Metallic Wheel Cover	X	X	X	X	-	-
Silver Metallic Finned Plastic Wheel						
Cover and Center Hub Cap	-	-	-	-	X	X
Body Color Finned Plastic Wheel Cover with						
Argent Edges and Center Hub Cap	O	O	O	O	X	-
Fixed Rear Quarter Window	X	X	X	X	X	X
Amber Front Fender Marker Lamp	X	X	X	X	X	X
Red Rear Quarter Marker Lamp	X	X	X	X	X	-
Rectangular L.H. Outside Rear View Mirror	X	X	X	X	X	X
L.H. Rear Quarter Gas Cap	-	X	X	-	X	X
R.H. Rear Quarter Gas Cap	X	-	-	X	-	-

O - Optional

EXTERIOR EQUIPMENT

EXTERIOR EQUIPMENT

	MONZA LINE				SPORT VERSION	
	WAGON 1HM15	NOTCH 1HM27	HATCH. 1HM07	HATCH. 1HM77	NOTCH 1hR27	HATCH. 1HR07
REAR						
Hatch Lid 'Chevrolet' Nameplate	-	-	X	-	-	X
Deck Lid 'Chevrolet' Nameplate (Relocated) . .	-	X	-	-	X	-
Rear End Panel 'Chevrolet' Nameplate	-	-	-	X	-	-
Tailgate 'Chevrolet' Nameplate	X	-	-	-	-	-
Rear End Panel Key Lock Medallion and Bow Tie Cover	-	-	-	-	-	X
Moldings						
Bright Back Window Reveal	-	X	X	X	-	-
Bright and Black Back Window Reveal	-	-	-	-	X	X
Black Rubber Back Window Seal with Bright Insert	X	-	-	-	-	-
Bright Rear End Panel Lower	-	-	-	-	X	-
Swing-Up Hatch Lid	-	-	X	X	-	X
Swing-Up Tailgate	X	-	-	-	-	-
Taillamps						
Red Wrap-Around Design with Back-Up Lamp and Bright Trim	-	-	-	-	-	X
Tri-Color Rectangular Design with Back-Up Lamp and Bright Bezel	-	X	X	-	X	-
Red Vertical Design with Back-Up Lamp and Bright Bezel	X	-	-	-	-	-
Tri-Color Design with Back-Up Lamp and Bright Bezel	-	-	-	X	-	-
Rear Bumper						
Soft Facia Integral Body Color Impact Strips and Guards	-	-	-	-	-	X
Chrome Face Bar	X	X	X	X	-	-
Chrome Face Bar with Body Color Bumper Impact Strip	-	-	-	-	X	-
Black Painted Rear Bumper Cove Area (Behind Face Bar)	-	-	-	-	X	-

INTERIOR EQUIPMENT

INTERIOR EQUIPMENT

	MONZA LINE				SPORT VERSION	
	WAGON 1HM15	NOTCH. 1HM27	HATCH. 1HM07	HATCH. 1HM77	NOTCH. 1HR27	HATCH. 1HR07
INSTRUMENT PANEL AND STEERING WHEEL						
Instrument Panel Knobs, Bright Aluminum . . .	X	X	X	X	X	X
Heater Control Levers, Bright	X	X	X	X	X	X
2-Speed Electric Windshield Wipers and Washers	X	X	X	X	X	
Vent Control Knobs, Cowl Kick Pad - Bright .	X	X	X	X	X	X
Audio and Visual Seat/Shoulder Belt Warning System - Driver's Side Only	X	X	X	X	X	X
Instrument Cluster with Tell-Tales	X	X	X	X	X	X
Instrument Panel 'Monza' Nameplate - R.H. . .	-	X	X	-	X	X
Glove Box Door 'Monza' Nameplate	X	-	-	X	-	-
Black Textured Finish Instrument Panel Cover Plate (w/o A/C)	X	-	-	X	-	-
Two-Spoke Steering Wheel, Shroud has Plastic Covered Insert with 'Chevrolet' Name, Wheel, Shroud and Column Color Keyed	X	X	X	X	X	X
Steering Column Ignition Lock	X	X	X	X	X	X
Cigarette Lighter	X	X	X	X	X	X
Instrument Panel and Cluster, Color-Keyed	X	-	-	X	-	-
Instrument Panel and Cluster, Color-Keyed and Brushed Aluminum Accents	-	X	X	-	X	X
Instrument Panel R.H. Black Plaque	-	-	-	-	X	X
Instrument Panel Glove Box, Bright Chrome Door Latch	X	X	X	X	X	X
Radio Hole Cover, Black	X	X	X	X	-	-
Radio Hole Cover, Brushed Aluminum	-	-	-	-	X	X

INTERIOR EQUIPMENT

INTERIOR EQUIPMENT

	MONZA LINE			SPORT VERSION		
	WAGON 1HM15	NOTCH 1HM27	HATCH 1HM07	HATCH 1HM77	NOTCH 1HR27	HATCH 1HR07
DOORS AND QUARTER PANELS						
Molded Soft Door Trim Panel with Bright Molding, Pleated Map Pockets, Recessed Door Handles	-	X	X	-	X	X
Form Molded Plastic Door Trim Panel with Integral L.H. Map Pocket, Armrest and Door Handle Release Pocket	X	-	-	X	-	-
Door Armrests, Integral Bright Door Lock Knobs	-	-	-	-	X	X
Bright Plastic Door Locking Knobs (At Belt) . .	X	X	X	X	-	-
Form Molded Rear Quarter Trim Panel, Integral Armrest and Quarter Pillar	-	X	X	-	X	X
Rear Quarter Panel Ash Trays	-	-	-	-	X	X
Bright Remote Door Handles	X	X	X	X	X	X
Bright Window Regulator Handle, Black Knob .	X	X	X	X	X	X
Bright Aluminum Sill Plates	X	X	X	X	X	X
SEATS AND FLOORS						
High Back Front Bucket Seats, Full Foam . . .	-	-	-	-	X	X
Vega Style Front Bucket Seats	X	X	X	X	-	-
Folding Rear Seat, Carpeted Back	X	-	X	X	-	X
Painted Metal Rear Seat Linkage	X	-	X	X	-	X
Passenger Compartment Floor, Carpeted	X	X	X	X	X	X
Floor Mounted Transmission Control Lever Boot with Bright Trim Ring	-	-	-	-	X	X
Floor Mounted Transmission Control Lever with Black Trim Ring	X	X	X	X	-	-
Black Parking Brake Lever	X	X	X	X	-	-
Bright Parking Brake Lever, Black Plastic Handle	-	-	-	-	X	X
Parking Brake Cover, Color Keyed	X	X	X	X	X	X
Passenger Seat Adjuster	X	X	X	X	X	X
Front and Rear Seat Back Locks, Black	X	X	X	X	X	X
Spare Tire Cover, Felt	-	-	-	-	X	-
Spare Tire Cover, Fiberboard	-	X	-	-	-	-
Color-Keyed Automatic Transmission Mini-Floor Console	X	X	X	X	X	X
Load Compartment Floor Carpeted	X	-	X	-	-	X
Load Compartment Floor Color-Keyed Rubber Mat	-	-	-	X	-	-
Trunk Mat	-	X	-	-	X	-

INTERIOR-EXTERIOR EQUIPMENT

INTERIOR AND EXTERIOR EQUIPMENT

	MONZA LINE				SPORT VERSION	
	WAGON 1HM15	NOTCH. 1HM27	HATCH. 1HM07	HATCH. 1HM77	NOTCH. 1HR27	HATCH. 1HR07
ROOF AND PILLARS						
Molded Headlining	X	-	-	X	-	-
Alpine Cloth Covered .250 Thick Foam Headlining	-	X	X	-	X	X
Windshield Pillar and Garnish Moldings, Colored Plastic	X	X	X	X	X	X
Side and Rear Quarter Window Moldings, Colored Plastic	X	X	X	X	X	X
Rear Window Moldings, Colored Plastic	X	X	X	X	X	X
Dual Vinyl Sunshades	X	X	X	X	X	X
Rear View Mirror, Windshield Mounted (Non-Tilting)	X	X	X	X	X	X
Roof Shoulder Harness Retractor Covers, Colored Plastic	X	X	X	X	X	X
Center Dome Lamp	X	X	X	X	X	X
Front Door Jamb Switch, L.H.	X	X	X	X	-	-
Front Door Jamb Switch L.H. and R.H.	-	-	-	-	X	X
FUNCTIONAL FEATURES						
Body Acoustical Package (BS1)	X	X	X	X	X	X
Front Stabilizer (1-1/16")	†	†	†	†	X	X
Rear Stabilizer Deleted	-	X	X	-	X	X
Tires, A78-13B Bias Ply White Stripe (QAG)	-	X	X	X	X	X
Tires, B78-13B Bias Ply White Stripe (QLJ)	X	-	-	-	-	-
13 x 5 Wheels	X	X	X	X	-	-
13 x 6 Wheels	-	-	-	-	X	X

† - Included with radial tire options.

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC
MODEL OPTIONS		
Spyder Appearance Equipment (See page 12 for content)	Z02	
Monza "Estate" Wagon (See page 13 for content)	YC6	
Monza Custom Interior (See page 13 for content)	ZJ1	
POWER TEAMS		
Axle Rear, Positraction	G80	
Axle Rear, Hi-Altitude	G92	
Engine, V6-3.2 Litre (196 CID)	LC9	
Engine, V6-3.8 Litre (231 CID)	LD5	
Engine, V8-5.0 Litre (305 Cu.In.)	LG3	
Transmission, 3-Speed Automatic	M40	
Transmission, 5-Speed	M75	
POWER ASSISTS		
Brakes, Power	J50	
Steering, Power	N41	
FACTORY INSTALLED OPTIONAL TIRES		
BR70 x 13C Radial Ply Blackwall Tire	QKX	
BR70 x 13C Radial Ply White Stripe Tire	QKY	
BR70 x 13C Radial Ply White Lettered Tire	QKZ	
BR78 x 13B Radial Ply White Stripe Tire	QBY	
BR78 x 13B Radial Ply Blackwall	QBR	

EXTRA-COST EQUIPMENT

EQUIPMENT	RPO	ACC
OTHER OPTIONS		
Air Conditioner, All Weather (See page 15 for content)	C60	
Alarm, Auto Theft		ACC
Antenna, Windshield	U76	
Antenna, Radio - Rod and Mast		ACC
Battery, Heavy Duty 'Freedom'	UA1	
Clock, Digital (1HR07, 27)	UE8	
Clock Electric (1HR07, 27)	U35	ACC
Compass, Auto		ACC
Container, Tissue/Litter (4-Colors: Black, Beige, Dk. Blue, Dk. Green)		ACC
Defogger, Rear Window Electric	C49	
Gauges, Instrument Panel (Exc. 1HM15, 77)	U14	
Glass, Tinted Body	A01	
Guards, Door Edge	B93	ACC
Harness, Rear Seat Shoulder		ACC
Hitch, Trailer		ACC
Lighting, Auxiliary	ZJ9	
Engine Compartment Lamp (RPO U26)		
Glove Box Lamp (RPO U27)		
Headlamp On Buzzer (RPO T63)		
R.H. Front Door Jamb Switch (RPO C80) (1HM00)		
Rear Compartment Lamp 1HM15 (RPO C88)		
Lamp, Portable Spot		ACC
Lighter, Cigarette		ACC
Mats, Floor, Front and Rear (Color Keyed)	B37	ACC
Mat, Front Floor		ACC
Mat, Rear Floor		ACC
Mirrors, Fender Mounted Trailering (Package contains 2 mirrors)		ACC
Mirrors, Dual Sport, L.H. Remote, R.H. Manual	D35	
Mirror, Sport, LH Remote		ACC
Moldings, Body Side Protective (Vinyl insert)	B84	ACC
Moldings, Vinyl Body Side (Adhesive Back)		ACC
Radiator, Heavy Duty	V01	
Radio, AM-FM Stereo	U58	
Radio, AM with Stereo Tape System	UM1	
Radio, AM/FM with Stereo Tape System	UM2	
Radio, AM	U63	ACC
Radio, AM-FM	U69	ACC
Seat Belts, Deluxe	AK1	
Seat Back, Adjustable Drivers	AN6	
Speaker, Auxiliary (Requires U63 or U69)	U80	ACC
Steering, Comfort Tilt	N33	
Warmer, Car Interior		ACC
Wheels, 4-Cast Aluminum, Hub Caps and Wheel Nuts	N77	

SPYDER APPEARANCE EQUIPMENT, RPO Z02

AVAILABILITY

Monza Sport 2 + 2 (1HR07 with RPO Z01)

CONTENT (In addition to or in place of standard equipment)

EXTERIOR

FRONT

- Black Headlamp Bezels
- Black Headlamp Openings
- Black Parking Lamp Opening
- Front Air Dam, Body Colored
- * Black Windshield Reveal Moldings
- "Spyder" Emblem (Included in RPO Z01)
- "Spyder" Hood Decal

SIDE

- * Black Painted Fender, Rocker and Quarter Panel
(Below door bottom line, wheel opening to wheel opening)
- Black Rally II Wheels, Black Painted with Bright Trim Rings (RPO N98 and P06)
- * Black Door, Quarter Window, and Belt Moldings
- Sport Mirrors, Black Painted
- Black or Gold Body Side Lower Stripes with "Spyder"
- Outlined in Red, White or Gold to Suit Body Color
- Delete "Spyder" Front Fender Nameplate (Included in RPO Z01)
- Delete Wheel Opening Moldings (Included in RPO Z01)

REAR

- Black Painted Rear End Panel and Taillamp openings
- * Black Rear Window Reveal Moldings
- Spoiler, Body Color
- "Spyder" Emblem on Lock Cover (Included in RPO Z01)
- "Spyder" Identification on Spoiler
- Delete Hatchlid "Chevrolet" Nameplate

INTERIOR

"Spyder" Horn Button Cap

- * - Not used when Black exterior paint is specified.

MONZA "ESTATE" WAGON (YC6)

AVAILABILITY

1HM15 (Not with RPO B84, B93, ZJ1)

CONTENT (in addition to or in place of standard equipment)

EXTERIOR

Medium Charter Oak Woodgrain with Woodgrain Outline Moldings.
Rear Quarter "Estate" Nameplate.

INTERIOR

Deluxe Seats and Trim.
Custom Door and Quarter Panel Trim.
Rear Quarter Panel Ash Trays.
Deluxe Instrument Panel Pad and Assist Handle.
Sport Steering Wheel (RPO N31).
2-Position Adjustable Driver's Seat Back (RPO AN6).
Day/Night Inside Rear View Mirror (RPO D31).
R.H. Door Jamb Switch.

CUSTOM INTERIOR (ZJ1)

AVAILABILITY

1HM00 (Not with YC6)

CONTENT (in addition to or in place of standard equipment)

	07	27	15	77
R07, R27 Front and Rear Seats with Deluxe Cloth or Vinyl Seat Trim YR1 - YS1	X	X	X	X
Soft Door Trim Panel with Map Pocket - YT1			X	X
Soft Door Trim Panel with Map Pocket and Bright Molding	X	X		
Armrest with Integral Bright Door Lock Buttons	X	X		
Manual Transmission Control Chrome Trim Plate	X	X	X	X
Rear Quarter Trim Panel Ash Trays (YT1)	X	X	X	X
R.H. Door Jamb Switch	X	X	X	X
R07, R27 Steering Wheel	X	X	X	X
R07, R27 Instrument Panel, R.H. Black Plaque and Brushed Aluminum Radio Hole Cover	X	X		
Deluxe Instrument Panel Pad with R.H. Assist Handle			X	X
Bright Parking Brake Lever	X	X	X	X
Carpeted Load Floor				X

AIR CONDITIONING

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 operates compressor and air selector doors; lower lever controls air temperature from instrument panel and side outlets.

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

Rear Axle Ratio – Refer to Power Trains Section

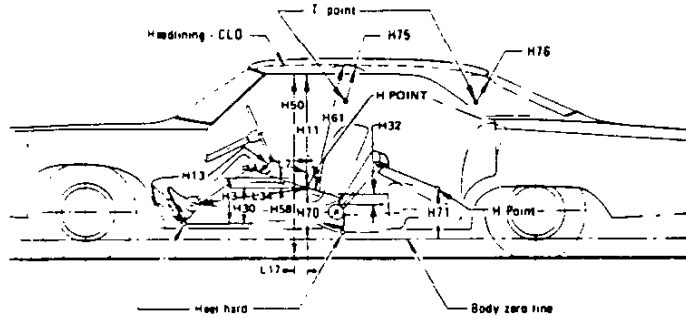
POWER TRAINS

Fan	7 blade aluminum
Crankshaft Pulley	Single two groove pulley
Compressor & Crankshaft Belt	One
Generator	55 Ampere
Radiator	Heavier duty

DIMENSIONS AND WEIGHTS

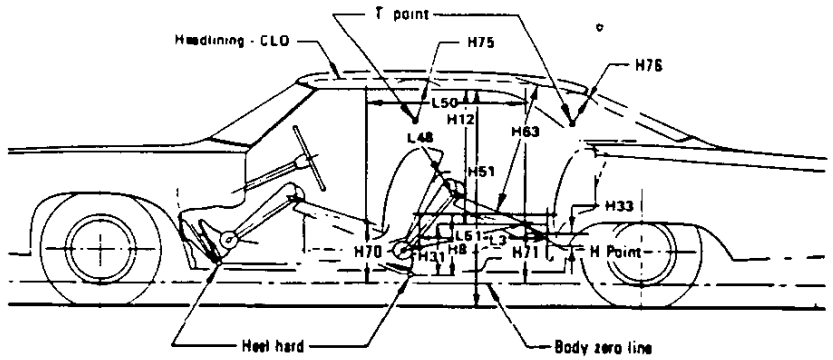
INTERIOR DIMENSIONS	2
HATCHBACK COUPE CARGO SPACE	3
EXTERIOR DIMENSIONS	4, 5
VEHICLE WEIGHTS	6
OPTIONAL EQUIPMENT WEIGHTS	6

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	2-DOOR HATCHBACK COUPE		2-DOOR NOTCHBACK COUPE		2-DOOR STATION WAGON		
		1HM07	1HR07	1HM77	1HM27	1HR27	1HM15	
H-3	Seat cushion height	9.9		10.2	9.9		10.5	
H11	Entrance height	29.8		29.6	29.4		30.6	
H13	Steering wheel thigh clearance	4.0		3.5	4.0		3.4	
H30	H point to heel point	7.3		7.7	7.3		5.1	
H32	Seat cushion deflection	3.1		3.0	3.1		3.0	
H50	Upper body opening to ground	45.7		45.9	45.3		47.3	
H58	H point rise	1.1		1.0	1.1		1.0	
H61	Effective headroom	37.7		37.0	37.6		38.5	
H70	H point to body O line	10.9		11.4	10.9		11.7	
H75	Effective "T" point headroom	37.8		37.2	37.7		38.6	
W3	Shoulder room	51.0		51.3	51.7		51.3	
W5	Hip room	47.5		47.2	48.6		46.9	
L7	Steering wheel torso clearance	14.7		14.3	14.7		14.1	
L17	H point travel	6.5						
L34	Effective leg room	43.0		42.8	43.0		42.9	



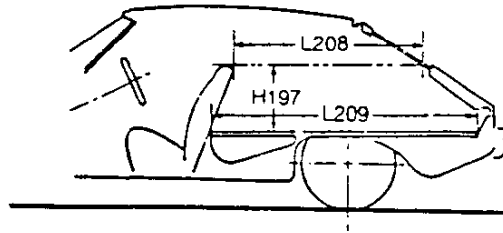
REAR COMPARTMENT

H18	Seat cushion height	9.1	9.7	9.6	9.7
H12	Entrance height	-	-	-	-
H31	H point to heel point	8.4	8.5	8.9	8.5
H33	Seat cushion deflection	2.9	4.7	4.3	4.7
H51	Upper body opening to ground	--			
H63	Effective headroom	35.3	37.1	37.2	40.1
H71	H point to body O line	9.4	9.4	9.9	9.4
H76	Effective "T" point headroom	35.7	36.3	36.9	40.3
W4	Shoulder room	51.2	49.2	50.8	49.2
W6	Hip room	42.0	42.5	42.0	42.5
L3	Rear compartment room	34.3		24.1	24.5
L7	H point coupe distance	27.3	27.4	27.0	27.4
L71	Effective leg room	29.6	29.8	28.2	30.2

INTERIOR DIMENSIONS

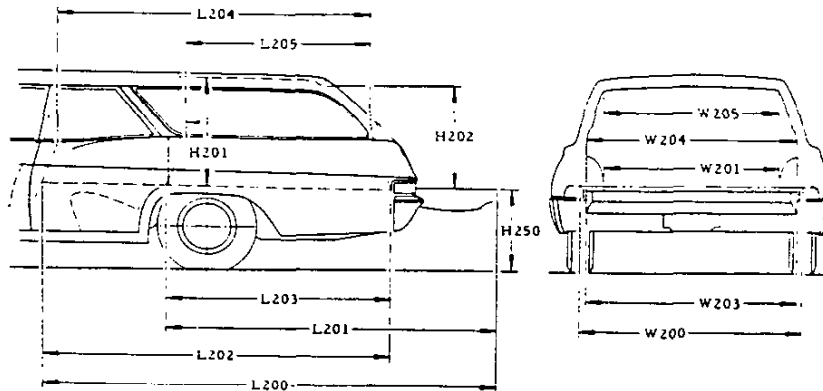
LUGGAGE COMPARTMENT

CODE	DESCRIPTION	2-DOOR HATCHBACK COUPE			2-DOOR NOTCHBACK COUPE		2-DOOR WAGON
		1HM07	1HR07	1HM77	1HM27	1HR27	1HM15
H195	Liftover height	28.8			29.4		22.8
V1	Usable luggage capacity (cu. ft.)	--			6.6		--



HATCHBACK CARGO SPACE

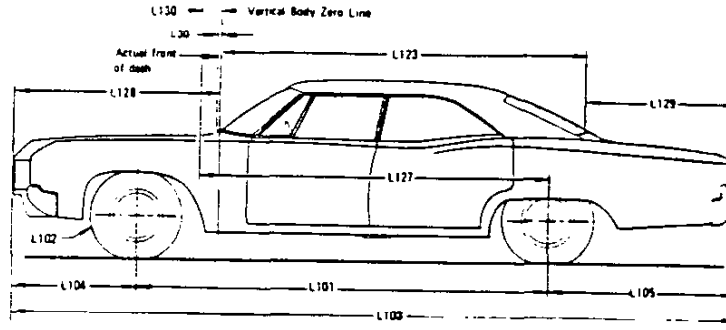
W4	Shoulder room – rear	51.2	49.2
H197	Front seat back to load floor height	18.3	18.1
L208	Cargo length at – front seat back height	40.5	37.6
L209	Cargo length at floor – front	61.9	65.0
V3	Total hatchback – cargo index volume (cu. ft.)	30.2	26.5



STATION WAGON CARGO SPACE

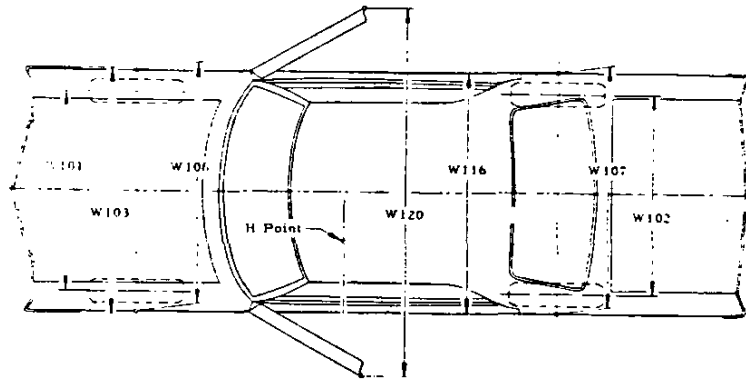
H201	Maximum cargo height	--	28.6
H202	Rear opening height	--	25.7
H250	Tailgate to ground height	--	22.7
W200	Cargo width-front	--	46.7
W201	Cargo width-wheelhouse	--	42.5
W203	Rear opening width at floor	--	41.4
W204	Rear opening width at belt	--	47.0
W205	Rear opening width above belt	--	34.1
L200	Maximum cargo length-front seat	--	65.0
L201	Maximum cargo length-second seat	--	37.8
L202	Cargo length at floor-front seat	--	65.3
L203	Cargo length at floor-second seat	--	38.1
L204	Cargo length at belt-front seat	--	57.2
L205	Cargo length at belt-second seat	--	30.9
V2	Total cargo index volume (cu. ft.)	--	46.6

EXTERIOR DIMENSIONS



LENGTH

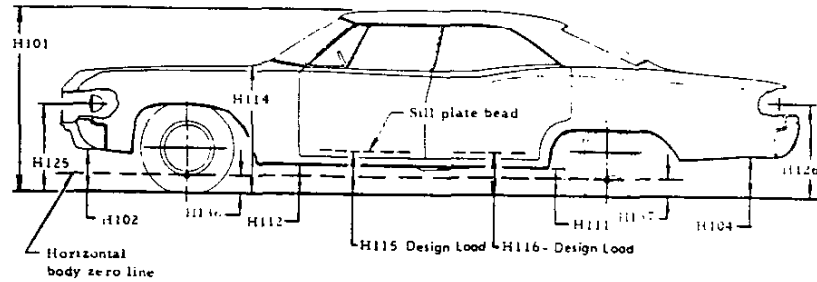
CODE	DESCRIPTION	2-DOOR HATCHBACK COUPE			2-DOOR NOTCHBACK COUPE		2-DOOR STATION WAGON
		1HM07	1HR07	1HM77	1HM27	1HP27	1HM15
L101	Wheelbase	97.0					
L102	Tire size (standard)	A78-13B					B78-13B
L103	Overall length	179.2	179.3	178.0	179.2	178.7	178.0
L104	Overhang, front	37.0	36.8	36.0	37.0	36.8	36.0
L105	Overhang, rear	45.2	45.5	45.0	45.2	44.9	45.0
- - -	Overall length - less bumpers						
L123	Body upper structure length at car center line	100.9		95.2	87.2		108.0
L127	Body O line to C/L of rear wheels	86.0					
L128	Front end length at center line	57.9		52.8	57.9		52.3
L129	Rear end length at center	14.8		18.6	29.6		-
L125	Body zero plane to windshield cowl point	12.0			10.9		12.0
L30	Body O line to actual front of dash	- 0.8		- 0.7	- 0.8		- 0.8



WIDTHS

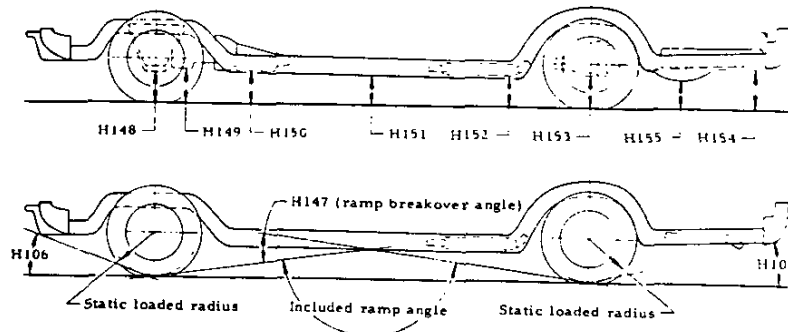
W101	Tread - front					54.8
W102	Tread - rear					53.6
W103	Maximum overall width of car					65.4
W106	Front fender overall width					65.4
W107	Rear fender overall width					65.3
W116	Maximum overall width of body					65.4
W120	Overall car width, front doors open	150.4	146.8	148.0		146.8

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	2-DOOR HATCHBACK COUPES			2-DOOR NOTCHBACK COUPES		2-DOOR STATION WAGON
		1HM07	1HR07	1HM77	1HM27	1HR27	1HM15
H101	Overall height (design)	50.2			49.8		51.8
H102	Front bumper to ground	10.0	6.9	10.0	10.0	7.0	10.0
H104	Rear bumper to ground	12.2	10.6	12.1	12.1		12.1
H111	Rocker panel to ground - rear	6.1			6.1		6.2
H112	Rocker panel to ground - front	6.1			6.6		6.2
H114	Hood at rear to ground	35.1			35.1		35.2
H115	Step height - front (design)	35.2			11.4		35.2
H125	Headlamp to ground	24.7	26.5	24.7	24.7	26.5	24.7
H126	Tail lamp to ground	24.7			26.5		24.7
H136	Body O line to ground - front	5.0			5.0		5.0
H137	Body O line to ground - rear	4.8			4.8		4.9



CLEARANCES

H106	Angle of approach (degrees)	23°11'	15°01'	23°18'	23°12'	15°04'	23°13'
H107	Angle of departure (degrees)	18°28'	16°03'	19°25'	18°12'	18°13'	19°13'
H147	Ramp breakover angle (degrees)	12°24'			12°16'		
H148	Front suspension to ground	5.8			5.0		
H149	Oil pan to ground	5.0			5.0		
H150	Flywheel housing to ground	5.3			5.2		
H151	Frame to ground	6.2	6.4	6.4	6.4		
H152	Exhaust system to ground	5.2			5.1		
H153	Rear axle to ground	5.2			5.2		
H154	Fuel tank to ground	9.2	9.1	9.1	9.1		
H156	Minimum ground clearance	4.8 (a)			4.8 (a)		

(a) Catalytic converter.

VEHICLE WEIGHTS

MONZA

MODEL SYMBOL	VEHICLE TYPE Description	SHIPPING WEIGHT			CURB WEIGHT		
		Front	Rear	Total	Front	Rear	Total
4-Cyl.							
1HM27	2-Dr. Notchback (Coupe)	1469	1162	2631	1447	1279	2726
1HM07	2-Dr. Hatchback (Coupe)	1481	1206	2687	1452	1330	2782
1HM77	2-Dr. Hatchback (Coupe)	1432	1189	2621	1416	1279	2695
1HM15	2-Dr. Station Wagon	1445	1235	2680	1429	1325	2754
1HR27	2-Dr. Notchback (Coupe)	1517	1169	2686	1495	1286	2781
1HR07	2-Dr. Hatchback (Coupe)	1511	1217	2728	1490	1333	2823

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.

For total shipping, and curb, weights of vehicles equipped with the following options, add to, or deduct from, the base vehicle weight (lbs.)

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
C60	Air Conditioning	Used with L4 Engine	+ 60
		Used with V6 Engine	+ 61
		Used with V8 Engine	+ 85
B37	Floor Mats Front and Rear		+ 7
J50	Power Brakes		+ 8
N41	Power Steering		+ 34
UM1	Radio AM-Stereo	With Tape System	+ 10
UM2	Radio AM/FM Stereo	With Tape System	+ 11
U58	Radio AM/FM Stereo		+ 9
U63	Radio AM Pushbutton		+ 6
U69	Radio AM/FM Pushbutton		+ 7
V55	Roof Luggage Carrier	1HM15 Model	+ 12
ZJ1	Custom Interior	1HM15, M07, M27	
Z02	Spyder Appearance Package	1HR07	
P06	Wheel Trim Rings		+ 6
LC9	3.2 Litre-V6, 196 CID		+ 71
LD5	3.8 Litre-V6, 231 CID		+ 70
LG3	5.0 Litre-V8, 305 CID		+275
M38	3-Speed Automatic Trans.	Used with LC9 Engine	+ 12
		Used with LD5 Engine	+ 12
		Used with LG3 Engine	+ 10
		Used with LX6 Engine	+ 19
M75	5-Speed Transmission		- 16

BODY

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EXTERIOR-INTERIOR COLORS	3-4-5
BODY CONSTRUCTION AND GLASS AREA	6

EXTERIOR PAINT PROCESS

ELPO PAINT PROCESS

Major advances in the painting process of Monza 2 + 2 bodies contribute significantly to elimination of rust and corrosion. This technique, called "Elpo", paints the bodies by electricity. Technically the name is "Electrophonic Deposition of Polymers". It applies a smooth, even, and continuous prime coat to the entire body including hidden inner surfaces and corners automatically without conventional spraying.

Elpo deposits prime coat to the complete body surface by submerging it into a large tank filled with a solution composed of paint particles suspended in water. The paint primer particles are given a negative electrical charge by the tank which also serves as a cathode, with the body itself receiving a positive electrical charge. As the body is submerged, charged primer particles are attracted to the metal surfaces through a principle known as "Electrophoresis".

A seven-stage zinc phosphate rustproofing process is given the body before it reaches the Elpo installation. A conveyor then transports the bodies downward into a tank for the primer coating. The body is submerged for about two minutes and upon emerging goes through a rocking movement to carry away excess liquid.

The electro-coating process causes even the most remote inner surfaces to be coated with dark brown primer, and all edges and complex shapes coated with the same thickness as exposed flat surfaces.

The new primer paint system replaces the spray gun and paint booth priming operations.

Subsequent stages of the paint process include application of a primer-surfacer baking, wet sanding and sealer coating, ending with a topcoat of long lasting acrylic lacquer which is baked in an oven at 300 degrees.

EXTERIOR-INTERIOR COLORS

EXTERIOR COLOR – VINYL ROOF COMBINATIONS

VINYL TOP COVER	EXTERIOR COLOR AVAILABILITY
Silver Metallic	Silver 15
	Black 19
	Light Red 75
	Carmine, Metallic 77
Black	All Available Colors, except 69
White	All Available Colors
Light Blue Metallic	White 11
	Black 19
	Light Blue Metallic 22
	Bright Blue Metallic 24
Light Camel	White 11
	Black 19
	Dark Blue-Green (Met.) 48
	Light Camel 61
	Camel Metallic 63
	Saffron Metallic 67
	Dark Camel Metallic 69
Dark Carmine Metallic	Carmine Metallic 77
Light Green Metallic	White 11
	Black 19
	Light Green Metallic 44
	Dark Blue-Green (Met.) 48

EXTERIOR-INTERIOR COLORS

1978 CHEVROLET MONZA INTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM													
		Black		Light Blue		Dark Green	Camel Tan		Carmine		White				
		(19X) Cloth	(19X) Vinyl	(24X) Cloth	(24X) Vinyl	(44X) Vinyl	(62X) Cloth	(62X) Vinyl	(74X) Cloth	(74X) Vinyl	(19X) Vinyl /Black	(67X) Vinyl /Saffron	(24X) Vinyl /Blue	(74X) Vinyl /Carmine	(44X) Vinyl /Green
Monza - IHM00															
Notchback (27)	(A51) Bucket	19G	19Y		24Y		62G	62Y		74Y					
Hatchback (07)	(A51) Bucket	19G	19Y		24Y		62G	62Y		74Y					
Wagon (15)	(A51) Bucket	19B	19R		24R		62B	62R		74R					
Hatchback (77)	(A51) Bucket	19B	19R		24R		62B	62R		74R					
Monza Custom Interior †															
IHR00; IHM00 with ZJ-1															
Notchback (27) *	(A51) Bucket	19J	19V	24J	24V	44V	62J	62V	74J	74V	11V	11V	11V	11V	11V
Hatchback (07) *	(A51) Bucket	19J	19V	24J	24V	44V	62J	62V	74J	74V	11V	11V	11V	11V	11V
Wagon (IHM15 with ZJ-1 only) *	(A51) Bucket	19D	19W	24D	24W		62D	62W	74D	74W	11W		11W	11W	
Hatchback (IHM77 with ZJ-1 only) *	(A51) Bucket	19D	19W	24D	24W	-	62D	62W	74D	74W	11W		11W	11W	

CLOTH AND VINYL USAGE

- B & G-Bayonne, 816 WC, woven sport cloth
- R & Y-Plisse vinyl, Wallaby bolsters
- W & V-Rattan vinyl; Wallaby bolsters
- D & J-Edinburgh, 739 WC, woven sport cloth; Winfield bolsters

† The Monza Custom Interior is standard on the IHR07-27 and is an available option (RPO ZJ-1) on the IHM07-27-15-77.

* These models require a Big Four Option Number in addition to the trim combination number. The Big Four Module consists of the instrument panel, carpet, cowl kick panels, and package shelf or load floor. Module numbers are shown in parenthesis at the top of each column. Examples: Black-19J + 19X, White with Saffron Big Four-11V + 67X.

EXTERIOR-INTERIOR COLORS**1978 MONZA
1HR07 "SPYDER" (RPO Z02)
COLOR COMBINATIONS**

EXTERIOR BODY COLOR		SPYDER PACKAGE COLOR
White	11	Black (1)
Silver Met.	13	Black (1)
Black	19	Gold
Lt. Blue Met.	22	Black (3)
Ultramarine Blue Met.	24	Black (3)
Med. Green Met.	44	Black (3)
Dk. Blue Green Met.	48	Gold
Bright Yellow	51	Black (1)
Camel Beige	61	Black (1)
Camel Tan Met.	63	Black (3)
Saffron Met.	67	Black (2)
Dk. Camel Met.	69	Gold
Red	75	Black (2)
Carmine Met.	77	Black (2)

NOTE: The 'Spyder' Design and colors are carryover from 1977.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Construction Body-frame integral, using large individual body panels welded together forming complete sub-assemblies. All major sub-assemblies are double panel construction except underbody and rear end panel. The full roof panel subassembly is formed to provide front and rear headers and side rails. Exterior front end sheet metal panels are removable with bolt on fenders. Main front end structure is welded to body proper and forms the base for attachment of engine, front suspension, steering and front end sheet metal. The flush-dry rocker panel system, plastic valance inner fender panels and the Elpo paint process provide corrosion protection to the entire body.

DOORS

Type Double panel construction, hinged at front. Side guard beams. Standard spring loaded hold-open feature with two position detent. Welded-on strap type hinges.
 Handles Flush lift bars
 Glass Full, curved ventless

HOOD AND TRUNK LID

Type Double panel construction, rear hinged, pop-up springs over-center, prop rod holds hood open for engine compartment access, on trunk lid telescoping gas springs.
 Release External, lever located under hood lock assembly.

VENTILATION

High Level Air Intake for Passenger
 Compartment Double wall plenum chamber, providing washing and air drying of rocker panels for corrosion resistance.
 High Level Power Ventilation Passenger compartment air is obtained by outside air taken in the cowl, top louvers. The air is then routed through the plenum and channeled through side vents in the kick panels. Air flow is circulated into the rear compartment back, down and up through body center pillar channel. The air is then exhausted at the louvered upper portion of the channeled pillar.

SEATS

Type Bucket seats, high back, built-in head restraints, full foam construction, folding second seat standard equipment.
 Belts Three-point ignition interlock seat belt and shoulder harness system.

WINDSHIELD WIPERS AND WASHERS

Type Dual 2-speed electric with 16" blades
 Linkage Parallel acting
 Washer System Electric, dual spray

HEADLIGHTS

Type Single, oval on 1HM27, 1HM77, 1HM07, 1HM15. Dual, rectangular on 1HR07, 1HR27, headlamps mounted in soft plastic front end panel.

SPARE TIRE MOUNT

Location
 Base space saver tire Stored in right rear quarter panel well with a carpeted tire cover.
 Conventional Tire Stowed up-side down on the rear compartment pan on top of the load floor and covered by the floor carpet, on 1HM15 and 1HM77 models.

BODY GLASS VISIBILITY AREA

	1HM07 & 1HR07	1HM77	1HM27	1HR27	1HM15
Windshield	1229.9	1143.9	1229.9		116.2
Front Door	1116.6	846.2	1070.7		956.4
Rear Quarter	444.9	488.2	Base 384.3	Formal 2148	1105.6
Rear Window	1361.9	1071.3	800.6		662.5
Total Area (Sq. In.)	4153.3	3549.6	Base 3485.5	Formal 3316.0	3840.7

Type, Windshield Curved thin laminated plate
 Sides and Rear Curved tempered safety plate
 Rear Quarter Windows Curved stationary

CHASSIS

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

FRONT SUSPENSION

FRAME

Description Body-frame integral

FRONT SUSPENSION

Description Independent, SLA type, coil springs with center mounted shock absorbers, spherical joint steering knuckle.

Wheel Travel (design)

Total 5.44
 Jounce 1.94
 Rebound 3.50
 Wheel to spring travel ratio 1.977

CONTROL ARMS

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

STEERING KNUCKLES

Description Cast nodular iron with pressed-in spindle, integral brake caliper mounting pads and integral steering knuckle arm.

Spindle Diameters

Inner bearing 1.25
 Outer bearing 0.6875

Spindle Thread Size 11/16-20 NEF-3 (modified)

Wheel Bearings

Type, inner & outer Taper roller

SPHERICAL JOINTS

Type Ball stud
 Upper Compression
 Lower Tension
 Bearing Surfaces
 Upper & Lower Sintered iron

SHOCK ABSORBERS

Type Direct, double acting, hydraulic
 Piston Diameter 1.00

FRONT WHEEL ALIGNMENT (Design)

Caster (degrees) $N3/4 \pm 1$
 Camber (degrees) $P1/2 \pm 3/4$
 Toe-In (total) $1/4 \pm 1/16$
 Steering axis inclination $8.55 @ 25^\circ$ camber

STABILIZER BAR – Std. on 1HR00 Models

Type Link
 Material HR steel
 Diameter 1.06
 Bushing Material Rubber

GENERAL SUSPENSION PROVISIONS

Anti-dive control Angle of front upper control arm

FRONT SPRINGS

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

FRONT SPRING SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (Lbs./In.)	HEIGHTS	
						Free	Working (In. @ Lbs.)
346952	DD	107.33	.574	8.50	325	13.51	8.70 @ 1555
346953	FA	107.36	.574	8.50	325	13.71	8.70 @ 1620
346954	FB	107.39	.574	8.50	325	13.91	8.70 @ 1685
354135	AOJ	98.58	.562	7.61	325	12.91	8.70 @ 1360
354136	ANB	98.61	.562	7.61	325	13.11	8.70 @ 1425
354137	ANC	98.63	.562	7.61	325	13.31	8.70 @ 1490
362199	AOK	98.88	.573	7.61	350	13.10	8.70 @ 1530
362200	AOM	98.91	.573	7.61	350	13.30	8.70 @ 1600
370904	AON	107.64	.586	8.50	350	13.50	8.70 @ 1670
370906	AOR	107.67	.586	8.50	350	13.70	8.70 @ 1740
370907	AOS	114.40	.599	9.00	350	13.90	8.70 @ 1810
370908	AOT	114.70	.610	9.00	375	13.74	8.70 @ 1880
370909	AOU	116.08	.613	9.10	375	13.93	8.70 @ 1950
370910	AOW	121.51	.622	9.50	375	14.11	8.70 @ 2020
370911	AOX	121.53	.622	9.50	375	14.30	8.70 @ 2090
378524	AOZ	116.77	.591	9.20	325	14.10	8.70 @ 1750

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Wheel	
Type	Circular, 2-spoke
Diameter	15.0
Column	Energy absorbing — mast jacket, tube and steering shaft designed to collapse under various front impact conditions.
Gear — Type	
Manual (Std.)	Semi-reversible gear with ball-nut driven by recirculating anti-friction bearings
Power (Optional)	Same as manual except also has integral power piston. Hydraulic pressure provided from a vane type pump.
Ratios, Gear	
Manual	20.9:1
Power	16.0:1 on center to 13.0:1
Ratios, Overall	
Manual	22.5:1
Power	16.5:1 on center to 13.5:1
Number of wheel turns, lock to lock	
Manual	4.4
Power	2.82
Linkage	Parallelogram type, ahead of front wheels
Turning Diameters	
Outside front, wall to wall	38.4
Outside front, curb to curb	35.8
Inside rear, wall to wall	11.03
Inside rear, curb to curb	10.69

DRIVELINE

Propeller Shaft	Tubular
Number Used	One
Diameter (O.D.)	2.75
Wall Thickness	0.065
Length (C/L of U joints)	
With L4 Engine	
5-Spd. Trans.	44.78
4-Spd. Man. & Auto.	47.44
With V6 Engines	
5-Spd. Trans.	42.62
4-Spd. Man. & Auto.	45.34
With V8 Engine	45.34
Universal Joints	
Type	Cross
Number Used	Two
Bearings	Prepacked, anti-friction

WHEELS — STANDARD

Type	Short spoke spider, steel
Rim Size	
1HM00 Models	13 x 5
1HR00 Models	13 x 6
Offset	0.20
Attachment to Hub	4 hex nuts
Thread Size	7/16-20 UNF-2B
Bolt Circle Diameter	4.00

WHEELS — OPTIONAL

Type	Rally II steel and cast aluminum
Availability	
Rally II	(Standard with RPO Z02 "Spyder Appearance Package")
Cast Aluminum	All models
Rim Size	13 x 6
Offset	
Rally II	0.45
Cast Aluminum	0.20

TIRES, STANDARD

With L4 and V6 Engines	
Size	
Coupes	A78-13B
Station Wagons	B78-13B
Type	Bias ply
Sidewall - Base	White stripe
Static Loaded Radius	
A78-13	10.98
B78-13	11.10
Loaded Rev/Mi @ 45 mph	
A78-13	889
B78-13	866
Capacity @ 24 psi	
A78-13	900
B78-13	980
With V8 Engines	
Availability	Coupes only
Size	BR70-13C
Type	Steel belted radial
Sidewall	
Base	Blackwall
Optional	White stripe & white letter
Static Loaded Radius	10.91
Loaded Rev/Mi @ 45 mph	870
Capacity @ 24 psi	980

TIRES, OPTIONAL

With L4 and V6 Engines	
Models	Coupes & station wagons
Sizes	BR78-13B & BR70-13C
Type	Steel belted radial
Sidewall	
Base	Blackwall
Optional	White stripe & white letter
Static Loaded Radius	
BR78-13B	10.71
BR70-13C	10.91
Loaded Rev/Mi @ 45 mph	
BR78-13B	876
BR70-13C	870
Capacity @ 24 psi	
BR78-13B	980
BR70-13C	980

SPARE TIRE

Base	
Ground Tire	1HM00 models
Stowaway Space Saver	1HR00 models
Optional — Ground Tire	1HR00 models except with RPO N69 wheels

REAR AXLE AND SUSPENSION

REAR AXLE

Description Three-piece housing includes integral cast iron differential carrier and housing with two pressed-in and welded steel tubes. Semi-floating axle shafts. Differential carrier contains hypoid overhung pinion and ring gear. Drive pinion supported by two taper roller bearings.

Drive Pinion Vertical Offset 1.50

Drive Pinion Bearing Adjustment Shim Lubricant

Type GL-5 Gear lubricant

Viscosity 80W or 80W-90

Capacity (pints) 3.5

AXLE SHAFT

Description Forged and hardened steel with integral drive flange

Wheel Bearings Single row cylindrical roller

Oil Seal Steel encased, spring loaded synthetic rubber

RING AND PINION GEAR TOOTH COMBINATIONS

Ring Gear Diameter 7.50 in.

Pinion Axle Ratio	Ring Gear Axle Ratio
2.29	17, 39
2.56	16, 41
2.73	15, 41
2.93	14, 41
3.08	13, 40
3.23	13, 42

POSITRACTION DIFFERENTIAL

Type Cone clutches

REAR SUSPENSION

Description Torque arm with track bar, Salisbury rear axle and coil springs; parallel lower control arms.

Wheel Travel (Design)	Value
Total	7.39
Jounce	2.75
Rebound	4.64
Wheel to spring, travel ratio	0.96:1

SHOCK ABSORBERS

Type Direct, double acting hydraulic

Diameter, Piston 1.00

STABILIZER BAR - OPTIONAL

Type Link

Material HR Steel

Diameter - All Engines 0.75
(.081 Z01 with V6 or V8)

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. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (Lbs./In.)	HEIGHTS	
						Free	Working (In. @ Lbs.)
336877	RW	98.38	.508	6.79	155	12.71	10.24 @ 380
3988080	HS	107.06	.499	7.39	130	12.95	10.24 @ 350
3988081	HT	107.11	.499	7.39	130	13.34	10.24 @ 400
3988082	HW	107.17	.499	7.39	130	13.72	10.24 @ 450

BRAKES

GENERAL	Type	Front - Disc; Rear - Drum		
		Manual - Standard	Power - Optional	
	System	Dual circuit hydraulic system with warning light and self-adjusting features		
Front Brakes	Type	Disc - single piston floating caliper		
	Material	Cast iron - solid, integral with hub		
	Diameter and Width	9.74 x 0.88		
	Lining Material	Molded asbestos		
	Method of attachment	Integral bonding		
	Lining size (length x width x thickness)	Inboard	5.26 x 1.54 x 0.430	
		Outboard	5.26 x 1.54 x 0.430	
	Lining area (sq. in.)	31.00		
	Effective area (sq. in.)	31.00		
	Swept area (sq. in.)	146.94		
Piston diameter	2.50			
Rear Brakes	Type	Drum - composite web cast into rim		
	Material	Web - HR steel; Rim - Cast alloy iron		
	Diameter and Width	9.5 x 2.0		
	Lining material	Molded asbestos		
	Method of attachment	Riveted		
	Lining size (length x width x thickness)	Primary	7.30 x 1.99 x .23	
		Secondary	9.46 x 1.99 x .30	
	Lining area (sq. in.)	62.98		
	Effective area (sq. in.)	59.60		
	Swept area (sq. in.)	117.77		
Piston diameter	0.6875			
Apply System	Master cylinder diameter	0.875		
	Piston travel	1.352	1.27	
	Pedal travel	7.50		
	Pedal ratio	5.72:1		
	Line pressure @ 100 lb. pedal load	1270		
Parking Brake	Type	Mechanical pull rods and cables operate rear service brakes. 'ON' warning lamp provided.		
	Control	Lever, floor mounted in center console		
	Total effective area	59.60		

BULBS AND LAMPS

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP	
Automatic transmission quadrant	1-194	2	
Backing lamp	2-1156	32	
Parking brake alarm ind.	1-194	2	
Coolant warning - Low	1-194	2	
Directional signal indicators	2-194	2	
Dome	1-561	12	
Temp/Oil press. ind.	1-194	2	
Generator indicator	1-194	2	
Glove Box	1-1891	2	
Headlamp	Single 1HM00	2-6012	High beam 60W
	Dual 1HR00	2-4651 (Inner)	Low beam 50W
		2-4652 (Outer)	High beam 50W
			Low beam 60W
Headlamp hi-beam indicator	1-194	2	
Heater or A/C control	1-194	2	
Instrument cluster	9-194	2	
License plate, rear	2-194	2	
Parking			
Park	2-1157	3	
Turn		32	
Radio - AM	1-1893	2	
Radio AM/FM	1-216	1	
Radio - RPO U58	1-216 (dial)	1	
	1-66	.1	
Radio - UM1 & UM2	1-1893 (dial)	2	
	1-DS410 (ind.)	Led (a)	
Rear window defogger indicator	1-168	3	
Seat belt warning indicator	1-194	2	
Side marker - front	2-194	2	
Side marker - rear	2-194	2	
Tail			
Tail	2-1157	3	
Stop & turn		32	
Underhood lamp	1-93	15	
W/S washer & light switch ind.	1-194	2	

(a) Light emitting diode.

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT *
Air Conditioning	30 amp fuse	In line
	25 amp fuse	Fuse panel (h)
Automatic trans. indicator	4 amp fuse	Fuse panel (f)
Back-up lamps	20 amp fuse	Fuse panel (b)
Brake warning 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)
Direction signal indicator	20 amp fuse	Fuse panel (b)
Direction signal indicator lamps	20 amp fuse	Fuse panel (b)
Dome lamp	20 amp fuse	Fuse panel (e)
Electric fuel pump	1 amp fuse	Fuse panel
Fuel gauge	10 amp fuse	Fuse panel (c)
Generator indicator lamp	10 amp fuse	Fuse panel (c)
Glove box	20 amp fuse	Fuse panel (e)
Headlamps	Circuit breaker	Light switch
Headlight buzzer	10 amp fuse	Fuse panel (c)
Headlamp hi-beam indicator lamp	Circuit breaker	Light switch
Heater	25 amp fuse	Fuse panel (h)
Heater control lamps	4 amp fuse	Fuse panel (f)
Instrument cluster lamps	4 amp fuse	Fuse panel (f)
License plate lamp	20 amp fuse	Fuse panel (d)
Override relay - headlight	10 amp fuse	Fuse panel (c)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (c)
Park and turn lamp	20 amp fuse	Fuse panel (d)
Radio	10 amp fuse	Fuse panel (g)
Radio lamp	4 amp fuse	Fuse panel (f)
Rear window defogger	Circuit breaker	Firewall
Seat belt warning lamp	10 amp fuse	Fuse panel (c)
Seat belt warning buzzer	10 amp fuse	Fuse panel (c)
Side marker lamps	20 amp fuse	Fuse panel (d)
Stop lamps	20 amp fuse	Fuse panel (a)
Tail, turn lamps	20 amp fuse	Fuse panel (d)
Temperature gauge	10 amp fuse	Fuse panel (c)
Temperature indicator lamp	10 amp fuse	Fuse panel (c)
Traffic hazard indicator	20 amp fuse	Fuse panel (a)
Windshield wiper	25 amp fuse	Fuse panel
Windshield wiper switch	4 amp fuse	Fuse panel (f)
Windshield washer pump	25 amp fuse	Fuse panel
Vacuum advance solenoid	10 amp fuse	Fuse panel (g)

* Letter suffix indicates same circuit



POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS *			RING GEAR mm (in.)	I.W. CLASS Kg (lbs.)
			ALL STATES (d)		WITH ALT. RPO NA6		
			Base	Option			
2.5 Litre L4 (151 Cu. In.) RPO LX6 Base - all states exc. Calif. & High Alt.	4-Speed (3.50 low)	All	2.73 (b)	3.08	-	191 (7.50)	1362 (3000)
			3.08 (c)	-			
	5-Speed (3.40 low)		3.23	-			
	3-Speed Automatic		2.73	3.08			
2.5 Litre L4 (151 Cu. In.) RPO LS6 Base - Calif. only	4-Speed (3.50 low)	All	2.93	-	-	191 (7.50)	1362 (3000)
	3-Speed Automatic		2.73	-			
3.2 Litre V6 (196 Cu. In.) RPO LC9 Optional - All states except Calif. & High Altitude	4-Speed (3.50 low)	Notchback (27), Hatchback (07)	2.73	-	-	191 (7.50)	1589** (3500)
	5-Speed (3.40 low)			-			
	3-Speed Automatic			-			
3.8 Litre V6 (231 Cu. In.) RPO LD5 Optional - All states exc. Calif. & High Altitude	4-Speed (3.50 low)	Hatchback (77), Sta. Wagon (15)	2.93	-	-	1.91 (7.50)	1589@@ (3500)
	5-Speed (3.40 low)		2.93	-			
	3-Speed Automatic		2.56	-			
3.8 Litre V6 (231 Cu. In.) RPO LD5 Optional Calif. & High Alt.	4-Speed (3.50 low)	All	2.93	-	2.93	191 (7.50)	1589 (3500)
	5-Speed (3.40 low) (e)		2.93 (e)	-	-		
	3-Speed Automatic		2.56	-	2.93		
5.0 Litre V8 (305 Cu. In.) RPO LG3 Optional - All states	4-Speed (2.85 low)	Notchback & Hatchback (07)	3.08 (b)	-	-	191 (7.50)	1589 (3500)
	3-Speed Automatic		2.29	-			

* - Positraction axles available optionally; same ratios available with Air Conditioning except as noted.

** - I.W. Class for 111M77 with 4-Speed Manual or 5-Speed Manual is 1362 kg. (3000 lbs.).

- (b) Without air conditioning.
- (c) With air conditioning.
- (d) Also all California altitudes.
- (e) California only.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION						AXLE RATIO
			1st	2nd	3rd	4th	5th	Rev.	
2.5 Litre L4 (151 Cu. In.) (RPO LX6)	2-Barrel	4-Speed	9.56	6.77	4.53	2.73	--	9.56	2.73 (a)
		5-Speed	10.78	7.64	5.11	3.08	--	10.78	3.08 (b)
2.5 Litre L4 (RPO LS6)	2-Barrel	4-Speed	10.98	6.72	4.49	3.23	2.58	10.85	3.23
3.2 Litre V6 (LC9)	2-Barrel	4-Speed	10.26	7.27	4.86	2.93	--	10.26	2.93
		5-Speed	9.56	6.77	4.53	2.73	--	9.56	2.73
3.8 Litre V6 (LD5)	2-Barrel	4-Speed	9.28	5.68	3.79	2.73	2.18	9.17	2.73
		5-Speed	10.26	7.27	4.86	2.93	--	10.26	2.93
5 Litre V8 (LG3)	2-Barrel	4-Speed	9.96	6.09	4.07	2.93	2.34	9.84	2.93
			8.78	6.22	4.16	3.08	--	8.78	3.08 (a)

(a) Without air conditioning.

(b) With air conditioning.

WITH AUTOMATIC TRANSMISSION

ENGINE	TRANSMISSION	SELECTOR	TOTAL TORQUE MULTIPLICATION	AXLE
2.5 Litre L4 (151 Cu. In.) (RPO LX6)	3-Speed Automatic	Drive	15.13:1-2.73:1	2.73
		Second	15.13:1-4.29:1	
		Low	15.13:1-7.48:1	
	3-Speed Automatic	Reverse	11.42:1-4.86:1	3.08
		Drive	19.83:1-3.08:1	
		Second	19.83:1-4.84:1	
2.5 Litre (151 Cu. In.) L4 (RPO LS6)	3-Speed Automatic	Low	19.83:1-8.44:1	2.73
		Reverse	14.99:1-6.38:1	
		Drive	15.13:1-2.73:1	
		Second	15.13:1-4.29:1	
3.2 Litre (196 Cu. In.) V6 (RPO LC9)	3-Speed Automatic	Low	15.13:1-7.48:1	2.73
		Reverse	11.42:1-4.86:1	
		Drive	13.76:1-2.73:1	
		Second	13.76:1-4.15:1	
3.8 Litre (231 Cu. In.) V6 (RPO LD5)	3-Speed Automatic	Low	13.76:1-6.88:1	2.56
		Reverse	10.54:1-5.27:1	
		Drive	12.90:1-2.56:1	
	3-Speed Automatic	Second	12.90:1-3.89:1	2.93
		Low	12.90:1-6.45:1	
		Reverse	9.88:1-4.94:1	
5 Litre (305 Cu. In.) V8 (RPO LG3)	3-Speed Automatic	Drive	14.76:1-2.93:1	2.29
		Second	14.76:1-4.45:1	
		Low	14.76:1-7.38:1	
	3-Speed Automatic	Reverse	11.30:1-5.65:1	2.56
		Drive	11.54:1-2.29:1	
		Second	11.54:1-3.48:1	
		Low	11.54:1-5.77:1	
		Reverse	8.84:1-4.42:1	
		Drive	12.90:1-2.56:1	
		Second	12.90:1-3.89:1	
		Low	12.90:1-6.45:1	
		Reverse	9.88:1-4.94:1	

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type		L4 Inline	V6-OHV		V8-OHV
Piston Displacement (CU. In.)		2.5 Litre (151)	3.2 Litre (196)	3.8 Litre (231)	5 Litre (305)
Availability		RPO LX6, LS6	RPO LC9	RPO LD5	RPO LG3
Number of Cylinders		Four	Six		Eight
Bore (Nominal)		4.00	3.50	3.80	3.736
Stroke (Nominal)		3.00	3.40		3.48
Compression Ratio		8.3:1	8.0:1	8.0:1	8.4:1
Taxable (SAE) H.P.		25.6	29.4	34.6	44.7
Firing Order		1-3-4-2	1-6-5-4-3-2		1-8-4-3-6-5-7-2
Idling Speed	Manual (in Neutral)	1000	800		600
	Automatic (in Drive)	650	600		500
Compression Press. (PSI) @ Cranking Speed Engine Hot		140	140		160
Power Plant Mounting		Two front and one rear			
Measurement	Fan - rear engine block	26.25	27.1		31.55
	Top air cleaner to bottom oil pan	26.09	29.0		29.60
	Exhaust manifold to generator	29.31			28.53

ADVERTISED ENGINE RATING

Engine Designation	Availability	Carburetor	Federal		Calif.	Net Brake HP @ RPM	Net Torque @ RPM (lb. ft.)
			Below 4000 Ft.	Above 4000 Ft.			
2.5 Litre L4 (151 Cu. In.)	RPO LX6	2-Barrel	X			85 @ 4400	123 @ 2800
	RPO LS6				X	85 @ 4400	123 @ 2800
3.2 Litre V6 (196 Cu. In.)	RPO LC9	2-Barrel	X			90 @ 3600	165 @ 2000
3.8 Litre V6 (231 Cu. In.)	RPO LD5	2-Barrel	X	X	X	105 @ 3400	185 @ 2000
5 Litre V8 (305 Cu. In.)	RPO LG3	2-Barrel	X			145 @ 3800	245 @ 2400
				X	X	135 @ 3800	240 @ 2000

ENGINE SPEED AND PISTON TRAVEL

3.2 LITRE V6 ENGINE (RPO LC9)

Model Availability		Hatchbacks (07) & Notchbacks(27)		
Transmission		4-Speed	5-Speed	3-Speed Automatic
Rear Axle Ratio		2.73		
Tire Size		A78-13		
Crankshaft Revs/Mile		2427.0		
Crankshaft RPM @ 1 MPH	Low	141.8	137.7	102.1
	Second	100.4	84.2	61.6
	Third	67.2	56.3	40.5
	Fourth	40.5	40.5	-
	Fifth	-	32.4	-
	Reverse	141.8	136.1	78.6
Piston Travel (Ft./Mile)		1375.3		

3.8 LITRE V6 ENGINE (RPO LD5)

Model		Hatchbacks & Notchbacks		
Transmission		4-Speed	5-Speed	3-Speed Automatic
Rear Axle Ratio		2.93		2.56
Tire Size		A78-13		
Crankshaft Revs/Mile		2604.8		2275.8
Crankshaft RPM @ 1 MPH	Low	151.9	147.6	95.5
	Second	107.6	90.3	57.6
	Third	72.0	60.3	37.9
	Fourth	43.4		-
	Fifth	-	34.7	-
	Reverse	151.9	145.8	73.5
Piston Travel (Ft./Mile)		1476.0		1289.6

Model		Station Wagon		
Transmission		4-Speed	5-Speed	3-Speed Automatic
Rear Axle Ratio		2.93		2.56
Tire Size		BR78-13		
Crankshaft Revs/Mile		2537.4		2217.0
Crankshaft RPM @ 1 MPH	Low	148.1	143.8	93.0
	Second	104.9	88.0	56.1
	Third	70.2	58.8	36.9
	Fourth	42.3		-
	Fifth	-	33.8	-
	Reverse	148.1	142.1	69.8
Piston Travel (Ft./Mile)		1437.9		1256.3

ENGINE SPEED AND PISTON TRAVEL

2.5 LITRE ENGINE (RPO LX6, LS6)

Model Availability		Notchback & Hatchback					
Transmission		4-Speed			5-Speed	3-Speed Automatic	
Rear Axle Ratio		2.73	2.93	3.08	3.23	2.73	3.08
Tire Size		A78-13					
Crankshaft Revs./Mile		2427.0	2604.8	2738.1	2871.5	2427.0	2738.1
Crankshaft RPM @ 1 MPH	Low	141.8	151.9	159.6	162.9	111.0	124.9
	Second	100.4	107.6	113.1	99.6	63.6	71.6
	Third	67.2	72.0	75.7	66.6	40.5	45.6
	Fourth	40.5	43.4	45.6	47.9	-	-
	Reverse	141.8	151.9	159.6	160.9	83.8	94.4
Piston Travel (Ft./Mile)		1213.5	1302.4	1369.1	1435.8	1213.5	1369.1

Model Availability		Station Wagon					
Transmission		4-Speed			5-Speed	3-Speed Automatic	
Rear Axle Ratio		2.73	2.93	3.08	3.23	2.73	3.08
Tire Size		B78-13					
Crankshaft Revs./Mile		2364.2	2537.4	2667.3	2797.2	2364.2	2667.3
Crankshaft RPM @ 1 MPH	Low	137.9	148.1	155.8	158.4	108.0	121.9
	Second	97.7	104.9	110.4	96.9	61.9	69.9
	Third	65.4	70.2	73.9	64.8	39.4	44.5
	Fourth	39.4	42.3	44.5	46.6	-	-
	Reverse	127.9	148.1	155.8	156.6	81.6	92.1
Piston Travel (Ft./Mile)		1182.1	1268.7	1333.7	1398.6	1182.1	1333.7

5 LITRE V8 ENGINE (RPO LG3)

Model		Hatchbacks & Notchbacks		
Transmission		4-Speed	3-Speed Automatic	
Rear Axle Ratio		3.08	2.29	2.56
Tire Size		BR70-13		
Crankshaft Revs./Mile		2679.6	1992.3	2227.2
Crankshaft RPM @ 1 MPH	Low	127.4	83.7	93.5
	Second	90.3	50.5	56.4
	Third	60.3	33.2	37.1
	Fourth	44.7	-	-
	Reverse	127.4	64.4	71.6
Piston Travel (Ft./Mile)		1554.2	1155.5	1291.8

VEHICLE PERFORMANCE FACTORS

ENGINE MODEL	151 CU. IN.	196 CU. IN.	231 CU. IN.	305 CU. IN.
	1HM27	1HR27	1HM27	1HR27

4-SPEED TRANSMISSION

Performance Weight (pounds)		3326	3452	3396	3656
Pounds/Net Horsepower	Federal	39.13	38.36	32.34	25.21
	California	39.13	-	32.34	27.08
Pounds/Cu. In. Displacement		22.03	17.61	14.70	11.99
Net HP/Cu. In. Displacement	Federal	.563	.459	.455	.475
	California	.563	-	.455	.443
Power Displacement (cu.ft./mile)		106.0	129.1	174.1	236.5
Displacement Factor (cu.ft./ton mile)		63.7	74.8	102.5	129.4

5-SPEED TRANSMISSION

Performance Weight (pounds)		3310	3436	3380
Pounds/Net Horsepower	Federal	38.94	38.18	32.19
	California	38.94	-	32.19
Pounds/Cu. In. Displacement		21.92	17.53	14.63
Net HP/Cu. In. Displacement	Federal	.563	.459	.455
	California	.563	-	.455
Power Displacement (cu.ft./mile)		125.5	147.7	174.1
Displacement Factor (cu.ft./ton mile)		75.83	85.97	103.8

3-SPEED AUTOMATIC TRANSMISSION

Performance Weight (pounds)		3345	3464	3408	3666
Pounds/Net Horsepower	Federal	39.35	38.49	32.46	25.28
	California	39.35	-	32.46	27.16
Pounds/Cu. In. Displacement		22.15	17.67	14.75	12.01
Net HP/Cu. In. Displacement	Federal	.563	.459	.455	.475
	California	.563	-	.455	.443
Power Displacement (cu.ft./mile)		106.0	134.1	152.1	175.8
Displacement Factor (cu.ft./ton mile)		63.38	77.42	89.26	95.91

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	
2.5 Litre L4	Cast alloy iron
3.2 & 3.8 Litre V6	Cast alloy iron
5.0 Litre V8	Cast alloy iron
Bore Diameter	
2.5 Litre L4	4.000-4.0024
3.2 Litre V6	3.500
3.8 Litre V6	3.800
5.0 Litre V8	3.7355-3.7385
Bore Spacing	
2.5 Litre L4	4.40
3.2 & 3.8 Litre V6	4.24
5.0 Litre V8	4.40
Bearing Caps	
2.5 Litre L4	5 cast iron, 2-bolt
3.2 & 3.8 Litre V6	4 cast iron, 2-bolt
5.0 Litre V8	5 cast iron, 2-bolt
Water Jackets	Full length around each cylinder

CYLINDER HEAD

Material	Cast alloy iron
Construction	Valve-in-head
Bolt No. & Size	
2.5 Litre L4	10; .500 dia., 13 threads/in.
3.2 & 3.8 Litre V6	16; .4375 dia., 14 threads/in.
5.0 Litre V8	34; .4375 dia.; 14 threads/in.

COMBUSTION CHAMBER VOLUME

Total chamber volume of assembled engine with piston at top center	
2.5 Litre L4	5.20 cu. in.
3.2 Litre V6	
3.8 Litre V6	
5.0 Litre V8	5.13 cu. in.

INLET MANIFOLD

Material	Cast alloy iron
Type	
2.5 Litre L4	4-port design temperature controlled by engine coolant
3.2 Litre V6	6-port, single deck
3.8 Litre V6	6-port, single deck
5.0 Litre V8	8 port, double deck

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
2.5 Litre L4	3 port, center rear takedown
3.2 Litre V6	Dual, 3-port, rear takedown
3.8 Litre V6	Dual, 3-port, rear takedown
5.0 Litre V8	Dual, 4 port rear takedown
Outlet Diameter - in.	
2.5 Litre L4	1.88
3.2 Litre V6	
3.8 Litre V6	
5.0 Litre V8	2.00

CRANKSHAFT

Material	Cast nodular iron
Counterweights	
2.5 Litre L4	4
3.2 & 3.8 Litre V6	6
5.0 Litre V8	6
Crank Arm Length	
2.5 Litre L4	1.500
3.2 & 3.8 Litre V6	1.96
5.0 Litre V8	1.550
End Play	
2.5 Litre L4	.0035-.0085
3.2 & 3.8 Litre V6	.003-.009
5.0 Litre V8	.002-.007
Drive and/or Timing Gear	
2.5 Litre L4	Cast iron sprocket
3.2 & 3.8 Litre V6	Sintered iron; sprocket and chain
5.0 Litre V8	Sintered iron; sprocket and chain
Pulley Pitch Diameter	
2.5 Litre L4	6.64
5.0 Litre V8	6.64

MAIN BEARINGS

Material	
2.5 & 5.0 Litre	Premium aluminum
3.2 & 3.8 Litre	No. 1 upper - M400 Conecc; No. 1 lower - M100 Conecc; No. 2 and 4 - M100; No. 2 - M400.
Type	Precision removable
Thrust Against Bearing	
2.5 Litre & 5.0 Litre	No. 5
3.2 & 3.8 Litre V6	No. 2
Clearance	
2.5 Litre L4	.0002-.0022
3.2 & 3.8 Litre V6	.0004-.0017
5.0 Litre V8	
No. 1	.0008-.0020
No. 2, 3 & 4	.0011-.0023
No. 5	.0017-.0033

Dimensions

	Theoretical Inner Dia.	Effective Length	Projected Area (in. ²)
--	------------------------	------------------	------------------------------------

2.5 Litre L4

Bearing No. 1,2,3,4	2.30	.80	1.840
Bearing No. 5	2.30	1.01	2.323

3.2 & 3.8 Litre V6

Bearing No. 1,3,4	2.4995	.864	2.1595
Bearing No. 2	2.4995	1.057	2.6419

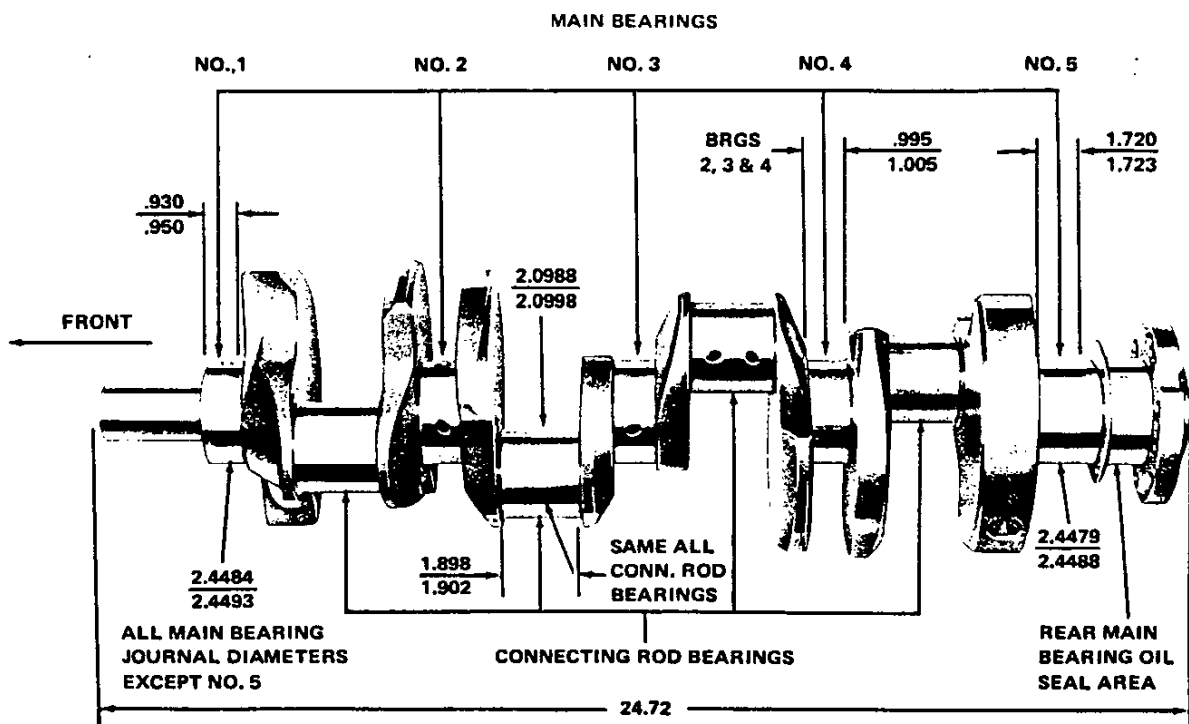
5.0 Litre V8

Bearing No. 1,2,3,4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.180	2.8919

PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

305 CUBIC INCH V-8 ENGINE



PRINCIPAL COMPONENTS

CAMSHAFT

Material	Cast alloy iron
Location	
2.5 Litre L4	Right side of engine block
3.2 & 3.8 Litre V6	Above crank at center of 'V'
5.0 Litre V8	In block above crankshaft
Type of Drive	
2.5 Litre L4	Bakelite & fabric composition with steel hub drive sprocket.
3.2 & 3.8 Litre V6	Aluminum nylon coated sprocket; chain drive.
5.0 Litre V8	Nylon teeth with aluminum head sprocket chain drive.
Lobe Lift	
2.5 Litre L4	0.2315 inlet & exhaust
3.2 & 3.8 Litre V6	.2508 inlet; 2403 exhaust
5.0 Litre V8	.2484 inlet; .2667 exhaust
Bearings	
2.5 Litre L4	3; steel backed babbitt
3.2 & 3.8 Litre V6	4; steel backed babbitt
5.0 Litre V8	5; steel backed babbitt

VALVE TRAIN

Type	Individually mounted, overhead rocker arms, push rod actuated
Valve Lifters	Hydraulic
Rocker Arm Ratio	
2.5 Litre L4	1.75:1
3.2 & 3.8 Litre V6	1.55:1
5.0 Litre V8	1.50:1
Push Rods	
Type	Hollow steel
Ends	Hardened
Rotators	
5.0 Litre V8	Exhaust
Valve Lift	
2.5 Litre L4	.406 inlet & exhaust
3.2 Litre V6	.323 inlet; .366 exhaust
3.8 Litre V6	.383 inlet; .366 exhaust
5.0 Litre V8	.3900 inlet; .4100 exhaust

VALVE SPRINGS

Diameter (I.D.)	
2.5 Litre L4	0.880
3.2 Litre V6	.872-.888
5.0 Litre V8	.868-.884
Free Length	
2.5 Litre L4	2.08
3.2 & 3.8 Litre V6	2.03
5.0 Litre V8	2.03

VALVE SPRINGS (Continued)

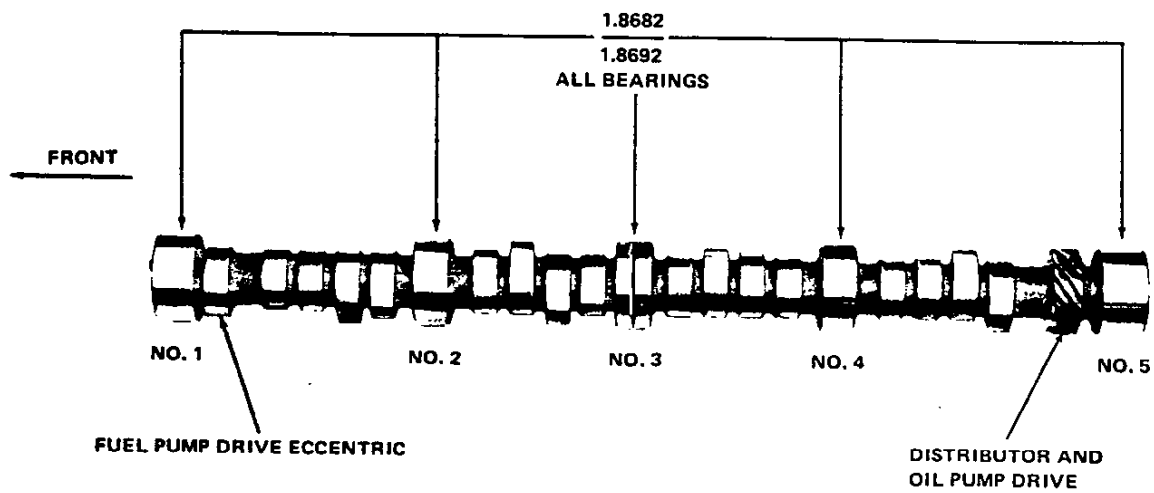
Installed Length (lb. @ in.)	
Valves closed	
2.5 Litre L4	78-86 @ 1.66
3.2 & 3.8 Litre V6	59-69 @ 1.727
5.0 Litre V8	
Inlet	76-84 @ 1.70
Exhaust	76-84 @ 1.61
Valves opened	
2.5 Litre L4	172-180 @ 1.254
3.2 & 3.8 Litre V6	
Inlet	159-169 @ 1.34
Exhaust	174-190 @ 1.34
5.0 Litre V8	
Inlet	174-186 @ 1.25
Exhaust	184-196 @ 1.16
Damper	
3.2 & 3.8 Litre V6	
5.0 Litre V8	Flat steel, 4 coils

VALVE TIMING (Crankshaft Degrees — Excluding Ramps)

2.5 Litre L4	
Inlet Valve	
Opens — °BTC	33
Closes — °ABC	81
Duration	294
Exhaust Valve	
Opens — °BBC	76
Closes — °ATC	38
Duration	294
3.2 Litre V6	
Inlet Valve	
Opens — °BTC	18
Closes — °ABC	48
Duration	246
Exhaust Valve	
Opens — °BBC	68
Closes — °ATC	29
Duration	277
3.8 Litre V6	
Inlet Valve	
Opens — °BTC	17
Closes — °ABC	73
Duration	270
Exhaust Valve	
Opens — °BBC	68
Closes — °ATC	29
Duration	277
5.0 Litre V8	
Inlet Valve	
Opens — °BTC	28
Closes — °ABC	64
Duration	272
Exhaust Valve	
Opens — °BBC	78
Closes — °ATC	30
Duration	288

CAMSHAFT AND BEARINGS

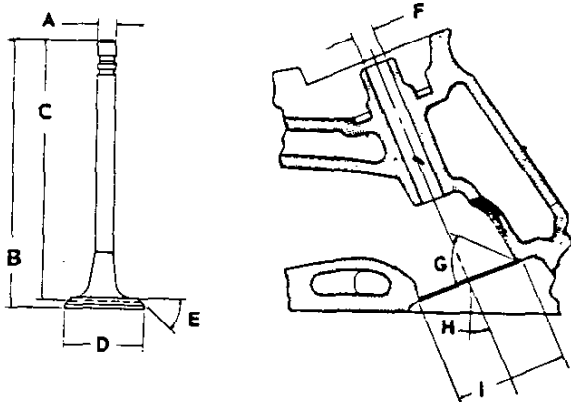
305 CUBIC INCH V-8 ENGINE



PRINCIPAL COMPONENTS

VALVES - INLET

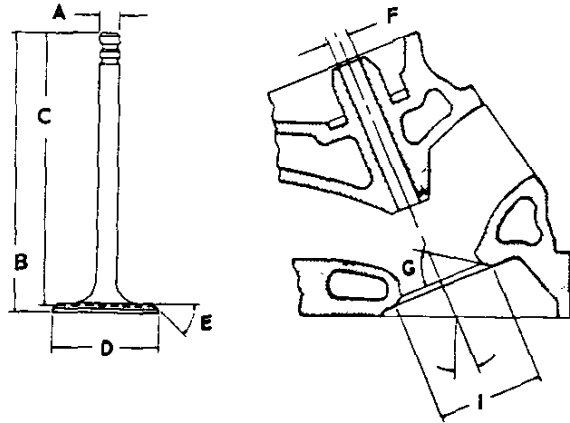
Material	
2.5 Litre L4	1541 steel with aluminized face
3.2 & 3.8 Litre V6	1041 steel
5 Litre V8	Alloy steel, aluminized face
All stems	Chrome flash



A - Stem Diameter	
2.5 Litre L4	.3418-.3425
3.2 & 3.8 Litre V6	.3402-.3412
5.0 Litre V8	.3410-.3417
B - Overall Length	
2.5 Litre L4	4.924
3.2 & 3.8 Litre V6	4.660-4.690
5.0 Litre V8	4.902-4.922
C - Gage Length	
2.5 Litre L4	4.807-4.817
3.2 Litre V6	4.575-4.595
3.8 Litre V6	4.575-4.595
5.0 Litre V8	4.785-4.795
D - Overall Head Diameter	
2.5 Litre L4	1.720
3.2 & 3.8 Litre V6	1.625
5.0 Litre V8	1.715-1.725
E - Angle of Face (°)	45
F - Guide Diameter	
2.5 Litre L4	.3435-.3445
3.2 & 3.8 Litre V6	.3427-.3437
5.0 Litre V8	.3427-3437
G - Angle of Seat (°)	
2.5 Litre L4	46
3.2 & 3.8 Litre V6	45
5.0 Litre V8	46
H - Valve Angle (°)	
2.5 Litre L4	9
3.2 & 3.8 Litre V6	
5.0 Litre V8	23
I - Valve Seat Diameter	
2.5 Litre L4	1.625
3.2 & 3.8 Litre V6	
5.0 Litre V8	1.823-1.829

VALVE EXHAUST

Material	
2.5 Litre L4	21-2 steel with aluminized face
3.2 & 3.8 Litre V6	21-2 steel with aluminized face
5.0 Litre V8	High alloy steel with aluminized face
Stems	Chrome flash



A - Stem Diameter	
2.5 Litre L4	.3418-.3425
3.2 & 3.8 Litre V6	.3405-.3412
5.0 Litre V8	.3410-3417
B - Overall Length	
2.5 Litre L4	4.920
3.2 & 3.8 Litre V6	4.683-4.713
5.0 Litre V8	4.913-4.933
C - Gage Length	
2.5 Litre L4	4.784-4.794
3.2 & 3.8 Litre V6	4.575-4.595
5.0 Litre V8	4.781-4.791
D - Overall Head Diameter	
2.5 Litre L4	1.500
3.2 & 3.8 Litre V6	1.425
5.0 Litre V8	1.495-1.505
E - Angle of Face (°)	45
F - Guide Diameter	
2.5 Litre L4	.3435-.3445
3.2 & 3.8 Litre V6	.3427-.3437
5.0 Litre V8	.3427-3437
G - Angle of Seat (°)	
2.5 Litre L4	45
3.2 & 3.8 Litre V6	45
5.0 Litre V8	46
H - Valve Angle (°)	
2.5 Litre L4	9
3.2 & 3.8 Litre V6	
5.0 Litre V8	23
I - Valve Seat Diameter	
2.5 Litre L4	1.375
3.2 & 3.8 Litre V6	
5.0 Litre V8	1.321-1.327

PRINCIPAL COMPONENTS

PISTONS

Material	Cast aluminum alloy
Head Type	
2.5 Litre L4	Sump
3.2 & 3.8 Litre V6	Dished
5.0 Litre V8	Sump
Skirt	
2.5 Litre L4	Cam ground slipper
3.2 & 3.8 Litre V6	Cam ground divorced
5.0 Litre V8	Slipper
Top Land Clearance	
2.5 Litre L4	.025-.031
3.2 & 3.8 Litre V6	.046-.056
5.0 Litre V8	.0235-.0325
Skirt Clearance	
2.5 Litre L4	.0025-.0033
3.2 & 3.8 Litre V6	.0008-.0020
5.0 Litre V8	.0017-.0042
Compression Ring Groove Depth	
2.5 Litre L4	.1785-.1985
3.2 & 3.8 Litre V6	
5.0 Litre V8	.2003-.2073
Oil Ring Groove Depth	
2.5 Litre L4	.2050-.2110
3.2 & 3.8 Litre V6	
5.0 Litre V8	.2103-.2193
Pin Bore Offset	
2.5 Litre L4	.063
3.2 & 3.8 Litre V6	.040
5.0 Litre V8	.040
Compression Height	
2.5 Litre L4	1.568-1.592
3.2 & 3.8 Litre V6	
5.0 Litre V8	1.558-1.562

PISTON PINS

Material	
2.5 Litre L4	Chromium steel
3.2 & 3.8 Litre V6	Extended SAE 1018
5.0 Litre V8	Chromium steel
Pin Mounting	
2.5 Litre L4	Locked in rod
3.2 & 3.8 Litre V6	Pressed in rod
5.0 Litre V8	Locked in rod by shrink fit
Length	
2.5 Litre L4	3.000
3.2 & 3.8 Litre V6	2.900
5.0 Litre V8	2.990-3.010
Diameter	
2.5 Litre L4	.938-.942
3.2 & 3.8 Litre V6	.9391-.9394
5.0 Litre V8	.9270-.9273
Clearance in Piston	
2.5 Litre L4	.0002-.0004
3.2 & 3.8 Litre V6	.0004-.0007
5.0 Litre V8	.00025-.00035

COMPRESSION RING - UPPER

Material	Cast alloy iron
Type	
2.5 Litre L4	Reverse twist
3.2 & 3.8 Litre V6	Straight edge inside of ring
5.0 Litre V8	Straight edge inside of ring
Face	
2.5 Litre L4	Barrel
3.2 & 3.8 Litre V6	Barrel
5.0 Litre V8	Barrel
Coating	
2.5 Litre L4	Moly channel
3.2 & 3.8 Litre V6	Molybdenum coated
5.0 Litre V8	Chrome flash
Width	
2.5 Litre L4	.0728
3.2 & 3.8 Litre V6	.077-.078
5.0 Litre V8	.0775-.0780

COMPRESSION RING - UPPER - (Continued)

Wall Thickness	
2.5 Litre L4	.0-177-187
3.2 & 3.8 Litre V6	.168-178
5.0 Litre V8	.0167-177
Gap	
2.5 Litre L4	0.013-.023
3.2 & 3.8 Litre V6	.013-.023
5.0 Litre V8	.010-.020

COMPRESSION RING - LOWER

Material	Cast alloy iron
Type	
2.5 Litre L4	Reverse twist
3.2 & 3.8 Litre V6	Inside bevel
5.0 Litre V8	Reverse twist
Face	
2.5 Litre L4	Tapered
3.2 & 3.8 Litre V6	Tapered
5.0 Litre V8	Tapered
Coating	
2.5 Litre L4	Tin plate
3.2 & 3.8 Litre V6	Lubrited
5.0 Litre V8	Lubrited
Width	
2.5 Litre L4	.0728
3.2 & 3.8 Litre V6	.077-.078
5.0 Litre V8	.0770-0780
Wall Thickness	
2.5 Litre L4	.177-187
3.2 & 3.8 Litre V6	.168-178
5.0 Litre V8	.167-177
Gap	
2.5 Litre L4	.010-.020
3.2 & 3.8 Litre V6	.013-.023
5.0 Litre V8	.010-.025

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Stainless steel
Width (Assembled)	
2.5 Litre L4	.186
3.2 & 3.8 Litre V6	.135-.142
5.0 Litre V8	.1859-.1879
Wall Thickness	
2.5 Litre L4	.152-.158
3.2 & 3.8 Litre V6	.148-.152
5.0 Litre V8	.138-.143
Gap	
2.5 Litre L4	0.015-.055
3.2 & 3.8 Litre V6	0.015-.035
5.0 Litre V8	0.010-.035

CONNECTING RODS

Material	
2.5 Litre L4	Arma steel
3.2 & 3.8 Litre V6	Arma steel
5.0 Litre V8	Drop forged steel

CONNECTING ROD BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance	
2.5 Litre L4	.0005-.0026
3.2 & 3.8 Litre V6	.0005-.0026
5.0 Litre V8	.0013-.0035
Theoretical Diameter	
2.5 Litre L4	2.1252
3.2 & 3.8 Litre V6	
5.0 Litre V8	2.1019
Effective Length	
2.5 Litre L4	.737
3.2 & 3.8 Litre V6	.737
5.0 Litre V8	.797
End Play	
2.5 Litre L4	.006-.022
3.2 & 3.8 Litre V6	.006-.023
5.0 Litre V8	.008-.014

FUEL AND EXHAUST SYSTEM

FUEL SYSTEM

FUEL TANK

Capacity (gal.)	
Models 07 & 27	18.5 (approximately)
Models 15 & 77	15.0 (approximately)
Location	In recessed well of rear underbody
Filler Location	
Models 07 & 27	Left rear quarter
Models 15 & 77	Right rear quarter

FUEL FILTERS

In Fuel Tank	Mesh strainer
In Carburetor Inlet	Paper element

FUEL PUMP

Type	
2.5 Litre L4 & 5.0 V8	Mechanical
3.2 & 3.8 Litre V6	Electric
Location	
2.5 Litre L4	Right side front of engine
3.2 & 3.8 Litre V6	Mounted in fuel tank
5.0 Litre V8	Mounted in fuel tank
Pressure Range (PSI)	
2.5 Litre L4	5.0-6.5
3.2 & 3.8 Litre V6	4.25-5.75
5.0 Litre V8	7.50-9.0

AIR CLEANER

Type	
2.5 Litre L4	Ducted outside air, Thermac II heated air control
3.2 & 3.8 Litre V6	Ducted outside air, closed paper element, single snorkel
5.0 Litre V8	Ducted outside air, closed paper element, Thermac, single snorkel, steel

CHOKE

Type	
2.5 Litre L4	Electric
3.2 & 3.8 Litre V6	Electric
5.0 Litre V8	Integral hot air

CARBURETORS

Type	2-barrel, downdraft
SAE Flange Size	
2.5 Litre L4	1.25
3.2 & 3.8 Litre V6	
5.0 Litre V8	1.50
Throttle Bore	
2.5 Litre L4	
Primary	1.24
Secondary	1.40
3.2 & 3.8 Litre V6	1.4375
5.0 Litre V8	1.69
Venturi Diameter	
2.5 Litre L4	
Primary	1.02
Secondary	1.06
3.2 Litre V6	1.031
3.8 Litre V6	1.093
5.0 Litre V8	1.1875

EXHAUST SYSTEM

TYPE

2.5 Litre L4	Single with converter
3.2 & 3.8 & 5.0 Litre	Single, exhaust system with converter and crossover

MUFFLER

Type	Oval, reverse flow
Construction	Heads and body joined by rolled lock seam construction
Head	0.057 sheet steel aluminized
Shell	0.031 sheet steel aluminized
Wrap	0.060 indented asbestos sheet
Cover	0.015 sheet steel aluminized
Body - Length	18.00
- Height	5.00
- Width	9.25

EXHAUST PIPE TO CONVERTER

Material	Laminated tubing
Dimension (O.D.)	
Crossover	
3.2 & 3.8 Litre V6	2.00
5.0 Litre V8	2.00
To Converter	
2.5 Litre L4	
Federal	2.00
California	2.25
3.2 & 3.8 Litre V6	2.25
5.0 Litre V8	2.25

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimension (O.D.)	
2.5 Litre L4	2.00
3.2 & 3.8 Litre V6	2.25
5.0 Litre V8	2.25

TAILPIPE

Material	Steel tubing aluminum coated
Dimensions (O.D.)	
2.5 Litre L4	
Hatchback & Notchback	2.00
Station Wagon	1.75
3.2 & 3.8 Litre V6	2.00
5.0 Litre V8	2.25

EMISSION CONTROL EQUIPMENT

SYSTEM APPLICATION

System Type	Engine Adaptation			
	2.5 Litre L4	3.2 Litre V6	3.8 Litre V6	5 Litre V8
PCV - Positive Crankcase Ventilation	*	*	*†	*†
EGR - Exhaust Gas Recirculation	*	*	*†	*†
CHA - Carburetor Hot Air	*	*	*†	*†
FEC - Fuel Evaporation Control System	*	*	*†	*†
CCS - Controlled Combustion System	**	*	*-	*
PAI - Pulse Air Injection	***	-	-	-
UFC - Underfloor Converter	*	*	*†	*†
EFE - Early Fuel Evaporation	**	*	*†	*†
MAI - Manifold Air Injection	-	-	†	†

* - Available 49 states below 4000 feet altitudes.

** - Not available in California

*** - California only.

† - Above 4000 feet altitude and California

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.

PULSE AIR INJECTION

Utilizes engine exhaust pulsation to supply air into the cylinder head at the exhaust port.

EARLY FUEL EVAPORATION

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

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 and carburetor float bowl 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.

MANIFOLD AIR INJECTION

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

LUBRICATION SYSTEM AND COOLING SYSTEM

LUBRICATION SYSTEM

GENERAL

Type	Controlled fuel pressure
Main Bearings	Pressure
Piston Pins	Splash
Cylinder Walls	
2.5 Litre L4	Splash
3.2 & 3.8 Litre V6	Splash
5.0 Litre V8	Pressure jet cross sprayed
Camshaft Bearings	Pressure
Hydraulic Lifters	
2.5 Litre L4	Pressure
3.2 & 3.8 Litre V6	Pressure
5.0 Litre V8	Splash
Connecting Rods	Pressure
Oil Pressure Sending Unit	Electric
	opens or closes circuit @ 2 to 6 PSI
Oil Filler	
Cap	Positive seal
Location	
2.5 Litre L4	Top front of valve cover
3.2 & 3.8 Litre V6	Top rear of left valve cover
5.0 Litre V8	Top rear of left valve cover

OIL PUMP

Type	Gear
Regulator Valve - V8	Opens between 40-45 lbs. 35 PSI for L4 & V6
L4 & L6	35 PSI
Oil Pressure (lbs. @ engine RPM)	
2.5 Litre L4	36-41 @ 2000
3.2 & 3.8 Litre V6	37 @ 2400
5.0 Litre V8	32-40 @ 2000
Intake, Type	Fixed pickup with screen

OIL FILTER

Type	Full flow, throwaway type
Location	
2.5 Litre L4	Lower front right side
3.2 & 3.8 Litre V6	Lower right front side
5.0 Litre V8	Lower front, left side
Capacity	
2.5 Litre L4	0.6 pint
3.2 & 3.8 Litre V6	0.5 pint
5.0 Litre V8	1.0 pint
By Pass Valve	Opens between 10-12 PSI drop in pressure

LUBRICANT GRADES AND TEMPERATURES

200°F and above	10W-30, 10W-40, 20W-20, 20W-40, 20W-50
0 to 60°F	10W, 5W-30, 10W-30, 10W-40
Below 20°F	5W-20, 5W-30

OIL PAN CAPACITIES (Quarts)

Refill	
2.5 Litre L4	3.0
3.2 & 3.8 Litre V6	4.0
5.0 Litre V8	4.0
Refill with Filter Change	
2.5 Litre L4	3.3
3.2 & 3.8 Litre V6	4.25
5.0 Litre V8	4.5

COOLING SYSTEM

GENERAL

Type	Pressure, vented thru coolant recovery system
Capacity	
2.5 Litre L4	10.8 quarts
3.2 & 3.8 Litre V6	11.6 quarts
5.0 Litre V8	16.2 quarts

RADIATOR

Type	Cross flow, tube and center
Distance between Fins	
2.5 Litre L4	.28
A/C & Heavy Duty (RPO V01)	.16
3.2 & 3.8 Litre V6	.22
A/C & Heavy Duty (RPO V01)	.12
5.0 Litre V8	.16
A/C & Heavy Duty (RPO V01)	.12
Distance between Tubes	.55
Core Thickness	1.24
Frontal Area (sq. in.)	300
Radiator Cap Relief Valve	Opens at approximately 15 PSI
Overflow	Separate coolant bottle

THERMOSTAT

Type	Pellet
Begins to Open	195°F

RADIATOR HOSE

Outlet, Lower (Radiator to water pump)	
Type	Molded
Number	One
I.D.	1.50
Inlet, Upper (Thermostat Housing)	
Type	Molded
Number	One
I.D.	
2.5 Litre L4	1.25
3.2 & 3.8 Litre V6	1.50
5.0 Litre V8	1.50

FAN

Type	
2.5 Litre L4	4-blade
3.2 & 3.8 Litre V6	5-blade
5.0 Litre V8	7-blade
Diameter	
2.5 Litre L4	15.0
3.2 & 3.8 Litre V6	17.0
5.0 Litre V8	16.0

WATER PUMP

Type	Centrifugal
Capacity	
2.5 Litre L4	11GPM @ 1000 pump RPM
3.2 & 3.8 Litre V6	10GPM @ 1000 pump RPM
5.0 Litre V8	22.7 GPM @ 2000 engine RPM
Drive	Fan belt
Ratio (pump to engine RPM)	
2.5 Litre L4	1.16:1
3.2 & 3.8 Litre V6	1.18:1
5.0 Litre V8	0.949:1

DRAIN LOCATIONS

Engine Block - Plug	
2.5 Litre L4	Thru left side
3.2 & 3.8 Litre V6	None
5.0 Litre V8	Right and left center
Radiator	
Petcock	Lower, right rear face

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Type	Freedom
Voltage Rating	12
Watts	
2.5 Litre L4	3200
3.2 & 3.8 Litre V6	2500
5.0 Litre V8	3200
Heavy Duty (RPO UA1)	3500
Number of Cells	6
Cold Cranking Rating	
2.5 Litre L4	80 minute reserve capacity
3.2 & 3.8 Litre V6	60 minute reserve capacity
5.0 Litre V8	80 minute reserve capacity
Heavy Duty (RPO UA1)	100 minute reserve capacity
Terminal Grounded	Negative
Location (in engine comp.)	
2.5 Litre L4	Right front
3.2 & 3.8 Litre V6	Right front
5.0 Litre V8	Left front

GENERATOR

Type	Diode rectified with integral regulator
Rating	
Amps	37
Volts	12
Drive	By fan belt
Pulley Pitch Diameter	
2.5 Litre L4	2.70
3.2 & 3.8 Litre V6	2.74
5.0 Litre V8	2.70
Ratio (Generator to engine speed)	
2.5 Litre L4	2.36:1
3.2 & 3.8 Litre V6	2.43:1
5.0 Litre V8	2.73:1

REGULATOR

Type	Micro-circuit unit, integral with generator
Voltage	13.8-14.8 @ 85°F

IGNITION SYSTEM

- Type High Energy Ignition (H.E.I.)
- Distributors Refer to chart below

STARTING SYSTEM

STARTING MOTOR

Rotation (drive end view)	Clockwise
Test Conditions	Engine at operating temperature
No Load Test	
RPM	
2.5 Litre L4	6750-10500
3.2 & 3.8 Litre V6	
5.0 Litre V8	7800-12000
Volts	10.6
Amps	
2.5 Litre L4	58-90
3.2 & 3.8 Litre V6	
5.0 Litre V8	70-99
Motor Drive	
Engagement	Solenoid
Pinion Meshes at	
2.5 Litre L4	Front
3.2 & 3.8 Litre V6	Front
5.0 Litre V8	Rear
Pinion Tooth No.	9
Flywheel Tooth No.	
2.5 Litre L4	153
3.2 & 3.8 Litre V6	160
5.0 Litre V8	153
Mounting	Bolted to clutch housing

COIL

Type	Integral with distributor
------	---------------------------

SPARK PLUGS

Make & Type	
2.5 Litre L4	AC-R43TSX
3.2 & 3.8 Litre V6	AC-R46TSX
5.0 Litre V8	AC-R45TS
Thread Size (mm)	14
Gap	
2.5 Litre L4	0.060
3.2 & 3.8 Litre V6	0.060
5.0 Litre V8	0.045
Torque (lb. ft.)	
2.5 Litre L4	15
3.2 & 3.8 Litre V6	15-25
5.0 Litre V8	25

- CABLE Linen core impregnated with electrical conducting material and insulation of rubber with silicone rubber jacket

Engine	L4-151 Cu. In.				V6-196 Cu. In.		V6-231 Cu. In.		V8-305 Cu. In.	
	Manual		Automatic		Manual	Automatic	Manual	Automatic	Manual	Automatic
Distributor	1103329	(1103326)	1103328	(1103365)	110695		(110732)	(110731)	1103281	1103282
Centrifugal Adv. Begins (RPM)	0 @ 1200	0 @ 1700	0 @ 1200	0 @ 1700	0 @ 1680		0 @ 1680		0 @ 1000	
Max. Degrees @ RPM	20 @ 4400	20 @ 4650	20 @ 4400	20 @ 4650	15 @ 3600		15 @ 3600		20 @ 3800	
Vac. Adv. Begins (in. Hg.)	0 @ 3.5	0 @ 3.5	0 @ 3.5	0 @ 3.5	0 @ 4		0 @ 8	0 @ 5	0 @ 4	
Max. Degrees @ In. Hg.	20 @ 12	20 @ 10	20 @ 9	14 @ 9.5	24 @ 10		14 @ 12	1.6 @ 8	1.8 @ 12	20 @ 10
Timing (Initial Design Setting)										
Cranking Deg. @ RPM (with vacuum spark line disconnected)	14 @ 1000		14 @ 650		15		15°		4	4 (6°)
Timing Mark Location					Crankshaft pulley					

Data in brackets () pertains to California.

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine		L4-151 Cu. In.	V6-196 & 231 Cu. In.	V8-305 Cu. In.	
Clutch for		4 and 5-Speed		4-Speed	
Type		Single dry disc centrifugal			
Clutch cover & pressure plate	Eff. plate load, lbs.	1250-1450	1560-1760	2100-2300	
	Press. plate matl.	Cast iron			
	Clutch spring type	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	8 coil springs (4 sets of two)			
	Friction rings	OD	9.12		10.34
		ID	6.12		6.50
Total area sq. in.		71.82		101.5	
Material		Woven type asbestos			
Flywheel	Flywheel	Material			
		Nodular iron			
	Ring gear	Material			
		Heat treated HR steel			
	No. of teeth	153			
	PD	12.75	13.4	12.75	
	Attachment	Shrink fit			
Bearings	Release	Type			
		Single row ball			
		Lubrication			
	None, prepacked				
Pilot	Type				
	Bronze bushing				
	Lubrication				
None, sintered and oil impregnated					
Controls	Clutch fork		Drop forged steel, pivot mounted on ball		
	Pedal mounting		Pendant, from brace on dash		
	Lubrication		Crossover shaft		
Clutch housing material		Aluminum alloy			

4 & 5-SPEED TRANSMISSIONS

Transmission Type		L4-151 Cu. In.	V6-196 & 231 Cu. In.	V8-305 Cu. In.	
Case material		4-Speed and 5-Speed		4-Speed	
Gear Shift	Type	Cast iron			
	Control	Remote			
	Location	Lever			
Gears	Floor, mounted between seats				
	Type	Helical			
	Material	Forged steel, hardened			
	Synchronization	All forward gears			
	Constant mesh gear	All forward gears			
	Sliding gears	Reverse			
	Ratios	First	3.50	3.40	2.85
		Second	2.48	2.08	2.02
Third		1.66	1.39	1.35	
Fourth		1.00	1.00	1.00	
Fifth		-	0.80	-	
Reverse		3.50	3.36	2.85	
Lubricant	Type	GL-5 Gear lube	Dexron II	GL-5 Gear lube	
	Capacity (pts)	3			
Extension	Material	Aluminum			
	Oil Seal	Steel encased seal of spring loaded silicone			

TRANSMISSIONS

THREE-SPEED AUTOMATIC TRANSMISSION

Engine	Displacement (Cu. In.)	L4-151 Cu. In.	V6-196 & 231 Cu. In.	V8-305 Cu. In.
General Data	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.		
	Selector lever	Location	Floor tunnel (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawl	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling	Water		
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 at 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	55
		L2	80	80
L1		80	80	
Reverse		84	84	
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 and outer steel shells		
	Stator assembly	Aluminum multivane type blades mounted on a one way (overrunning) roller clutch		
	Stall ratio	2.35	2.0	
	Stall speed (RPM)	2450		
Planetary Gear Set	Diameter (nominal)	10.00		
	Reaction carrier assembly	4 steel pinion gears		
	Output carrier assembly	4 steel pinion gears		
	Intermediate band	Circular steel with organic lining		
	Range	D (Drive)	2.74-1.57-1.00	2.52-1.52-1.0
		L2 (Low two)	2.74-1.57	2.52-1.52
		L1 (Low one)	2.74	2.52
		R (Reverse)	2.07	1.93
Servo Unit	Piston with release spring and inner cushion spring			
Case	Material Aluminum			
Clutches	Type	Three, multiple disk		
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch	4 each drive & driven plates		3 each drive & driven plates
	Direct clutch	3 each drive & driven plates		2 each drive & driven plates
	Low & Reverse clutch	4 each drive & driven plates		3 each drive & driven plates
Release spring	Radial row steel coil			
Torque Multiplication	Drive (maximum)	6.44:1 to 1.00		5.04:1 to 1.00
	Low 2	6.44:1 to 1.57		5.04:1 to 1.52
	Low 1	6.44:1 to 2.74		5.04:1 to 2.52
	Reverse	4.86:1 to 2.07		3.86:1 to 1.93
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	Dexron II		
	Capacity (pints)	Dry	20	7
	Refill	7	7	

(a) Floor mounted automatic mini-console available as an option, quadrant changes to P-R-N-3-2-1.

(b) Conditions: 600 RPM input

MONZA

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

<u>Option Number</u>	<u>Description</u>	<u>Option Number</u>	<u>Description</u>
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder	N33	STEERING WHEEL: Comfortilt
AM7	SEAT, REAR FOLDING	N41	STEERING, POWER
AN6	SEAT BACK, ADJUSTABLE DRIVER'S	N68	SPARE TIRE: Conventional
A01	GLASS, SOFT-RAY TINTED: All Windows	N77	WHEEL TRIM: Wheels, Aluminum
A20	WINDOWS: Swing-out Rear Side	N98	WHEEL TRIM: Wheels, Rally II
BS1	QUIET SOUND GROUP	PA3	WHEEL TRIM: Wheel Covers, Deluxe Color-Keyed
B37	FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear	QAG	TIRES: A78-13/B White Stripe (Bias Ply)
B84	MOLDINGS: Body Side	OBR	TIRES: BR78-13/B Blackwall (Radial)
B93	MOLDINGS: Door Edge Guard	QBY	TIRES: BR78-13/B White Stripe (Radial)
B96	MOLDINGS: Wheel Opening	OKX	TIRES: BR70-13/C Blackwall (Radial)
CD4	WINDSHIELD WIPER EQUIPMENT: Intermittent System	OKY	TIRES: BR70-13/C White Stripe (Radial)
CF4	SKY ROOF: Manual	OKZ	TIRES: BR70-13/C White Lettered (Radial)
C49	DEFOGGER, REAR WINDOW: Electro-Clear	OLJ	TIRES: B78-13/B White Stripe (Bias Ply)
C51	AIR DEFLECTOR, REAR WINDOW	UA1	BATTERY, HEAVY-DUTY
C60	AIR CONDITIONING: Four-Season	UE8	CLOCK: Digital
D31	MIRROR: Inside Rearview, Day-Night	UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
D35	MIRRORS: Sport, LH Remote and RH Manual	UM2	RADIO EQUIPMENT: Stereo Tape System w/AM/FM Stereo Radio
D55	CONSOLE	U14	INSTRUMENTATION: Special
D80	SPOILERS: Front and Rear	U35	CLOCK: Electric
F41	SUSPENSION EQUIPMENT: Suspension, Sport	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
G80	AXLE, REAR: Positraction	U63	RADIO EQUIPMENT: AM Radio
G92	AXLE, REAR: Performance Ratio	U69	RADIO EQUIPMENT: AM/FM Radio
J50	BRAKES, POWER	U76	RADIO EQUIPMENT: Windshield Antenna
LC9	ENGINE: 3.2 Litre (196 Cu. In.) V6	U80	RADIO EQUIPMENT: Speaker, Rear Seat
LD5	ENGINE: 231 Cu. In. V6	V01	RADIATOR, HEAVY-DUTY
LG3	ENGINE: 305 Cu. In. V8	V30	BUMPER EQUIPMENT: Guards, Bumper, Front and Rear
LS6	ENGINE: 151 Cu. In. L4	V55	CARRIER, ROOF
LX6	ENGINE: 151 Cu. In. L4	YC6	MONZA ESTATE (Model Option)
MM4	TRANSMISSION: 4-Speed Manual	YF5	EMISSION SYSTEMS: California Emission Requirements
MM5	TRANSMISSION: 5-Speed Manual	ZJ9	LIGHTING, AUXILIARY
MX1	TRANSMISSION: Automatic	ZP2	EXTERIOR/INTERIOR OVERRIDE
NA2	EMISSION SYSTEMS: Standard Emission Equipment	Z01	SPYDER EQUIPMENT
NA6	EMISSION SYSTEMS: High Altitude Emission Equipment	Z02	SPYDER APPEARANCE PACKAGE
N31	STEERING WHEEL: Sport		

MONZA 2+2 SPORT HATCHBACK COUPE MONZA SPORT COUPE

VINYL ROOF SELECTION

1HR27 only

Vinyl Roof	Code	Exterior Color Availability
Black	BB	Rec: 11, 15, 19, 24, 31, 51 or 67 Acc: 23, 44, 47, 63, 70, or 77
Blue, Light (Met)	BB	Rec: 11 or 20 Acc: 13 or 21
Camel, Light	BB	Rec: 21, 43 or 44 Acc: 11, 13, or 67
Carmine, Dark (Met)	BB	Rec: 11 Acc: 14
Green, Light (Met)	BB	Rec: 11, 44 or 45 Acc: 16
Silver	BB	Rec: 15 or 19 Acc: 26 or 47
White	**	Rec: All except 13, 21, 43 or 44 Acc: 15, 31, 59 or 75

Rec = Recommended; Acc = Acceptable

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Carmine	Green	White	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Carmine	Green	Black	Blue	Carmine	Green	Saffron

Model Seat Type

Model	Custom Vinyl Bucket	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27
1HR07-1HR27										
	Custom Sport Cloth Bucket	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27	1HR27

Exterior Paint Color

Color	11	13	15	19	20	21	24	26	31	43	44	45	47	51	59	63	67	70	75	77
Black	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Blue, Light (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Blue-Green, Dark (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Blue, Light (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Camel (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Camel, Dark (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Camel, Light	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Carmine (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Green, Light (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Red, Light	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Saffron (Met)	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Silver	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
White	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Yellow, Bright	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

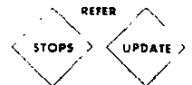
L=Lower J=Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO					
	2.29	2.56	2.73	2.93	3.08	3.23
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION						
MM4	-	-	Std	-	G92	-
w/o C60	-	-	-	-	Std	-
w/C60	-	-	Std	-	G92	-
LX6 MX1	-	-	-	-	-	Std
MM5	-	-	-	-	-	-
LG9	MM4	-	Std	-	-	-
MX1	-	-	Std	-	-	-
MM5	-	-	Std	-	-	-
LG3	MM4	-	-	-	Std	-
MX1	Std	-	-	-	-	-
WITH YF5 CALIFORNIA						
LS6	MX1	-	Std	-	-	-
LD5	MM4 or MM5	-	-	Std	-	-
MX1	-	Std	-	-	-	-
LG3	MX1	Std	-	-	-	-
WITH NA6 HIGH ALTITUDE EMISSION						
LD5	MM4 or MX1	-	-	Std	-	-
LG3	MX1	-	Std	-	-	-

MONZA 2+2 SPORT HATCHBACK COUPE MONZA SPORT COUPE



Model

IHR07 Monza 2+2 Sport Hatchback Coupe
IHR27 Monza Sport Coupe

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

- LX6 151 Cu. In. L4
- LC9 3.2 Litre (196 Cu. In.) V6
- LG3 305 Cu. In. V8 (Reqs MMA or MX1 Trans)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT

- LD5 231 Cu. In. V6 (Reqs MMA or MX1 Trans)
- LG3 305 Cu. In. V8 (Reqs MX1 Trans)

CALIFORNIA REGISTRATION (REQS YF5)

- LS6 151 Cu. In. L4 (Reqs MX1 Trans)
- LD5 231 Cu. In. V6
- LG3 305 Cu. In. V8 (Reqs MX1 Trans)

FEATURE PACKAGE OPTIONS:

- Z01 **SPYDER EQUIPMENT:** (IHR07 only) (Incls QKX BR70-13/C B/W Radial Tires, F41 Susp, D55 Console, N31 Steering Wheel and D31 Mir) (Incls B96 Mids w/o Z02 Spyder App)
- Z02 **SPYDER APPEARANCE PACKAGE:** (IHR07 only) (Reqs Z01 Spyder Equip) (Incls D80 Spoilers, N98 Wheels and D35 Mir) (Refer to page 12 for Striping Application)

QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS"

ANOTHER TIRE AND/OR TRANSMISSION OPTION.	6	6	6	6	6
	4	4	4	4	4
	1	2	3	4	5
	8	B	B	B	B

Holdings, Wheel Opening	B96	X	X	X	X
Radio, AM	U63	X	X	N/INCL	
Glass, Soft-Ray Tinted	A01	X	X	X	X
Tires, BR70-13/C White Stripe (OKZ w/Z01 Spyder)	QKY	X	X	X	X
Transmission, Automatic	MX1	X	X	X	X
Mirrors, LH Remote and RH Manual Sport	D35	X	X	X	X
Steering, Power Console	N41	X	X	X	X
	D55	X	X	X	X

Holdings, Body Side	B84	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X
Mats, Color-Keyed Floor	B37	X	X	X	X
Brakes, Power	J50	X	X	X	X
Clock, Electric	U35	X	X	N/INCL	
Steering Wheel, Comfortilt	N33	X	X	X	X

Mirror, Day-Night Rearview	D31	X	X	X	
Belts, Deluxe	AK1	X	X	X	
Lighting Auxiliary	ZJ9	X	X	X	
Radio, AM/FM	U69	X	X	NOT INCL	
Defogger, Rear Window	C49	X	X	X	

Holdings, Door Edge Guard	B93	X	X		
Speaker, Rear Seat	U80	X	NOT INCL		
W/S Wiper Equip, Intermittent	CD4	X	X		
Instrumentation, Special	U14	X	X		

Steering Wheel, Sport	N31	X			
Clock, Digital	UEB	X			
Radio, AM/FM Stereo	U58	X			
Wheels, Rally II	N98	X			
Quiet Sound Group	B51	X			

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

- Q-S OPTION**
- 642 **C60 AIR CONDITIONING:** Four-Season (Reqs N41 Steering w/LD5 Eng) (N/A LG3 Eng w/MMA Trans) (Incls V01 Rad)
 - AXLES, REAR:**
 - G92 --Performance Ratio (See Power Teams Chart) (Reqs LX6 Eng and MMA or MX1 Trans)
 - G80 --Positraction

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

- Q-S OPTION**
- UA1 **BATTERY, HEAVY-DUTY**
 - 643 AK1 **BELTS, DELUXE:** Color-Keyed Seat and Shoulder (N/A Black or White w/Black Interior Trim)
 - 642 J50 **BRAKES, POWER**
 - CLOCKS:**
 - 645 UE8 --Digital
 - 642 U35 --Electric (Incl w/U14 Inst)
 - 641 D55 **CONSOLE:** (Incl w/Z01 Spyder Equip)
 - 643 C49 **DEFOGGER, REAR WINDOW:** Electro-Clear
 - EMISSION SYSTEMS:** (Must Order Only One) (See Power Teams Chart)
 - YF5 --California Emission Requirements
 - NA6 --High Altitude Emission Equipment
 - NA2 --Standard Emission Equipment
 - 642 B37 **FLOOR COVERING:** Mats, Color-Keyed Floor, Front and Rear
 - 641 A01 **GLASS, SOFT-RAY TINTED:** All Windows
 - 644 U14 **INSTRUMENTATION:** Special (Incls U35 Clock)
 - 643 ZJ9 **LIGHTING, AUXILIARY**
 - MIRRORS:**
 - 643 D31 --Inside Rearview, Day-Night (Incl w/Z01 Spyder Equip)
 - 641 D35 --Sport, LH Remote and RH Manual (Incl w/Z02 Spyder App)
 - MOLDINGS:**
 - 642 B84 --Body Side
 - 644 B93 --Door Edge Guard
 - 641 B96 --Wheel Opening (N/A Z02 Spyder App) (Incl w/Z01 Spyder Equip w/o Z02 Spyder App)
 - 645 B51 **QUIET SOUND GROUP:** (N/A LG6 or LX6 Eng)
 - V01 **RADIATOR, HEAVY-DUTY:** (Incl w/C60 Alc)
 - RADIO EQUIPMENT:**
 - 641 U63 --AM Radio
 - 643 U69 --AM/FM Radio
 - 645 U58 --AM/FM Stereo Radio
 - UM1 --Stereo Tape System w/AM Radio
 - UM2 --Stereo Tape System w/AM/FM Stereo Radio
 - 644 U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
 - U76 --Windshield Antenna (Incl w/above Radio Equip)
 - ... **ROOF COVER, VINYL:** Cabriolet (IHR27 only) (See Color and Trim Chart)
 - AM7 **SEAT, REAR FOLDING:** (IHR27 only)
 - AN6 **SEAT BACK, ADJUSTABLE DRIVER'S**
 - CF4 **SKY ROOF:** Manual Sliding Tinted ReflectORIZED Glass (N/A Vinyl Roof)
 - N68 **SPARE TIRE:** Conventional (N/A N77 Wheels)
 - D80 **SPOILERS:** Front and Rear (IHR07 only) (Incl w/Z02 Spyder App)
 - 641 N41 **STEERING, POWER**
 - STEERING WHEELS:**
 - 642 N33 --Comfortilt (LC9, LD5 or LG3 Eng reqs N41 Steering)
 - 645 N31 --Sport (Incl w/Z01 Spyder Equip)
 - F41 **SUSPENSION EQUIPMENT:** Suspension, Sport (Reqs Radial Tires) (Incl w/Z01 Spyder Equip)
 - TIRES:** (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
 - --Bias Ply (13/B) (N/A LG3 Eng, F41 Susp or Z01 Spyder)
 - QAG --A78 W/S (Base) (Reqs LS6 or LX6 Eng)
 - QLJ --A78 W/S
 - --Steel Belted Radial Ply
 - QBR --BR78-13/B B/W (N/A LG3 Eng or Z01 Spyder Equip)
 - QBV --BR78-13/B W/S (N/A LG3 Eng or Z01 Spyder Equip)
 - QKX --BR70-13/C B/W (Incl w/Z01 Spyder Equip)
 - 641 QKY --BR70-13/C W/S (N/A Z01 Spyder)
 - QKZ --BR70-13/C W/L
 - TRANSMISSIONS:** Floor-Mounted (See Power Teams Chart)
 - MMA --4-Speed Manual
 - MM5 --5-Speed Manual (N/A LG3 Eng or NA6 Altitude)
 - 641 MX1 --Automatic
 - WHEEL TRIM:**
 - 643 VPA3 --Wheels Covers, Deluxe Color-Keyed
 - 645 N77 --Wheels, Aluminum
 - 643 N98 --Wheels, Rally II (Incl w/Z02 Spyder App)
 - 644 CD4 **WINDSHIELD WIPER EQUIPMENT:** Intermittent System

MONZA 2+2 HATCHBACK COUPE MONZA COUPE

**CUSTOM
INTERIOR TRIM**

VINYL ROOF SELECTION

1977 only

Model	Code	Exterior Color	Availability
14M77-14M27	69	Red: 11, 13, 15, 21, 27, 31 or 37	Acc: 23, 44, 49, 63, 75 or 77
14M77-14M27	75	Red: 11 or 27	Acc: 15 or 77
14M77-14M27	22	Red: 11, 13, 15, 21, 27, 31 or 37	Acc: 11, 13, 49 or 67
14M77-14M27	23	Red: 11, 13, 15, 21, 27, 31 or 37	Acc: 15
14M77-14M27	68	Red: 11, 13, 15, 21, 27, 31 or 37	Acc: 15
14M77-14M27	69	Red: 11, 13, 15, 21, 27, 31 or 37	Acc: 15
14M77-14M27	75	Red: 11 or 27	Acc: 75 or 77
14M77-14M27	77	Red: All except 15, 61, 63 or 75	Acc: 15, 61, 63 or 75

Red = Recommended; Acc = Acceptable

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

CUSTOM INTERIOR

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Dark Blue	Green	White	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Dark Blue	Green	Black	Blue	Dark Green	Green	White

Model	Seat Type	Code
14M77-14M27	Custom Vinyl Bucket	6B2 7D2 8D2 9R2 X62 4W2 6X2 6R2 8E2 8F2
14M77-14M27	Custom Sport	8D2 9D2 9E2 9R2

Exterior Color	Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Black	19	19	R	A														
Blue, Sport (Met)	24	24	R	A														
Blue-Green, Dark (Met)	48	48	A				R		A									
Blue, Sport (Met)	32	32	A	R														
Camel (Met)	63	63	A						A									
Camel, Dark (Met)	69	69	A						A									
Camel, Sport	61	61	R						A									
Carmine (Met)	77	77	A				A											R
Green, Sport (Met)	44	44	A						R									
Red, Sport	75	75	A						A									
Saffron (Met)	67	67	R															
Silver	15	15	R	A														
White	11	11	R						R									
Yellow, Sport	51	51	R															

1 = Lower number

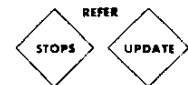
POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO					
	2.29	2.56	2.73	2.93	3.08	3.23
WITHOUT YES CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION						
LX6 MM4 w/o C60	-	-	Std	-	G92	-
LX6 MM4 w/C60	-	-	-	-	Std	-
LX6 MX1	-	-	Std	-	G92	-
LX6 MM5	-	-	-	-	-	Std
LG9 MM4	-	-	Std	-	-	-
LG9 MX1	-	-	Std	-	-	-
LG9 MM5	-	-	Std	-	-	-
LG3 MM4	Std	-	-	-	Std	-
LG3 MX1	-	-	-	-	-	-
WITH YES CALIFORNIA						
LS6 MX1	-	-	Std	-	-	-
LD5 MM4 or MM5	-	-	-	Std	-	-
LD5 MX1	-	Std	-	-	-	-
LG3 MX1	Std	-	-	-	-	-
WITH NA6 HIGH ALTITUDE EMISSION						
LD5 MM4 or MX1	-	-	-	Std	-	-
LG3 MX1	-	Std	-	-	-	-

MONZA 2+2 HATCHBACK COUPE MONZA COUPE

CUSTOM
INTERIOR TRIM



Model	
1HM07	Monza 2+2 Hatchback Coupe
1HM27	Monza Coupe

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

- LX6 151 Cu. In. L4
- LC9 3.2 Litre (196 Cu. In.) V6
- LG3 305 Cu. In. V8 (Reqs MM4 or MX1 Trans)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT (Recommended Above 4000 Foot Altitude)

- LD5 231 Cu. In. V6 (Reqs MM4 or MX1 Trans)
- LG3 305 Cu. In. V8 (Reqs MX1 Trans)

CALIFORNIA REGISTRATION (REQS YF5)

- LS6 151 Cu. In. L4 (Reqs MX1 Trans)
- LD5 231 Cu. In. V6
- LG3 305 Cu. In. V8 (Reqs MX1 Trans)

QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.

Moldings, Wheel Opening	B96	X	X	X	X
Radio, AM	U63	X	X	N/INCL	
Wheel Covers, Deluxe	PA3	X	X	X	N/A
Glass, Soft-Ray Tinted	A01	X	X	X	X
Tires, B78-13/B White Stripe (OKY w/V8 Eng)	QLJ	X	X	N/INCL	
Transmission, Automatic	MX1	X	X	X	X
Steering, Power	N41	X	X	X	X

Moldings, Body Side	B84	X	X	X	
Air Conditioning, Four-Season	C60	X	X	X	
Mirrors, LH Remote and RH Manual Sport	D35	X	X	X	
Mats, Color-Keyed Floor	B37	X	X	X	
Console	D55	X	X	X	
Brakes, Power	J50	X	X	X	
Belts, Deluxe	AK1	X	X	X	

Tires, BR78-13/B White Stripe (OKY w/V8 Eng)	QBY	X	X		
Moldings, Door Edge Guard	B93	X	X		
Bumper Guards	V30	X	X		
Radio, AM/FM	U69	X	X		
Mirror, Day-Night Rearview	O31	X	X		
Steering Wheel, ComfortLit	N33	X	X		
Defogger, Rear Window	C49	X	X		

Lighting Auxiliary	ZJ9	X			
Speaker, Rear Seat	U80	X			
W/S Wiper Equip. Intermittent	CD4	X			
Clock, Electric	U35	X			
Seat Back, Adjustable	AN6	X			
Wheels Rally II	N98	X			

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
631	C60 AIR CONDITIONING: Four-Season (Reqs N41 Steering w/LD5 Eng) (N/A LG3 Eng w/MM4 Trans) (Incls V01 Rad)
	AXLES, REAR:
	G92 --Performance Ratio (See Power Teams Chart) (Reqs LX6 Eng and MM4 or MX1 Trans)
	G80 --Positraction

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
631	U41 BATTERY, HEAVY-DUTY
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black or white w/Black Interior Trim)
631	J50 BRAKES, POWER
632	V30 BUMPER EQUIPMENT: Guards, Bumper, Front and Rear
	CLOCKS:
UE8	--Digital
U35	--Electric (Incl w/U14 Inst)
631	D55 CONSOLE
632	C49 DEFOGGER, REAR WINDOW: Electro-Clear
	EMISSION SYSTEMS: (Must Order Only One) (See Power Teams Chart)
YF5	--California Emission Requirements
NA6	--High Altitude Emission Equipment
NA2	--Standard Emission Equipment
631	B37 FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear
630	A01 GLASS, SOFT-RAY TINTED: All Windows
U14	INSTRUMENTATION: Special (Incls U35 Clock)
633	ZJ9 LIGHTING, AUXILIARY
	MIRRORS:
632	O31 --Inside Rearview, Day-Night
631	D35 --Sport, LH Remote and RH Manual
	MOLDINGS:
631	B84 --Body Side
632	B93 --Door Edge Guard
630	B96 --Wheel Opening
	B51 QUIET SOUND GROUP
	V01 RADIATOR, HEAVY-DUTY: (Incl w/C60 Air)
	RADIO EQUIPMENT:
630	U63 --AM Radio
632	U69 --AM/FM Radio
	U58 --AM/FM Stereo Radio
	UM1 --Stereo Tape System w/AM Radio
	UM2 --Stereo Tape System w/AM/FM Stereo Radio
633	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
	U76 --Windshield Antenna (Incl w/above Radio Equip)
	... ROOF COVER, VINYL: Cabriolet (1HM27 only) (See Color and Trim Chart)
	AM7 SEAT, REAR FOLDING: (1HM27 only)
633	AN6 SEAT BACK, ADJUSTABLE DRIVER'S
	CF4 SKY ROOF: Manual Sliding Tinted Reflectized Glass (N/A Vinyl Roof)
	N68 SPARE TIRE: Conventional (N/A N77 Wheels)
630	N41 STEERING, POWER
632	N33 STEERING WHEEL: ComfortLit (LC9, LD5 or LG3 Eng reqs N41 Steering)
	F41 SUSPENSION EQUIPMENT: Suspension, Sport (Reqs Radial Tires)
	TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
	--Bias Ply (13/B) (N/A LG3 or F41 Susp)
QAG	---A78 W/S (Base) (Reqs LS6 or LX6 Eng)
OLJ	---B78 W/S
	---Steel Belted Radial Ply (Incls Stabilizer w/q F41 Susp)
QBR	---BR78-13/B B/W (N/A LG3 Eng)
QBY	---BR78-13/B W/S (N/A LG3 Eng)
QKX	---BR70-13/C B/W
OKY	---BR70-13/C W/S
630, 31	OKZ ---BR70-13/C W/L
	TRANSMISSIONS: Floor-Mounted (See Power Teams Chart)
	MM4 --4-Speed Manual
	MM5 --5-Speed Manual (N/A LG3 Eng or NA6 Altitude)
630	MX1 --Automatic
	WHEEL TRIM:
630	PA3 --Wheel Covers, Deluxe Color-Keyed (N/A N77 Wheels)
	N77 --Wheels, Aluminum (N/A N68 Spare Tire)
	N98 --Wheels, Rally II
633	CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

MONZA 2+2 HATCHBACK COUPE MONZA COUPE

STANDARD
INTERIOR TRIM

VINYL ROOF SELECTION

1HM27 only

Vinyl Roof	Code	Exterior Color Availability
Black	BB	Rec: 11, 15, 19, 24, 51, 61 or 75 Acc: 22, 44, 48, 63, 75 or 77
Blue, Light (Met)	BB	Rec: 11 or 22 Acc: 19 or 24
Camel	BB	Rec: 51, 61 or 69 Acc: 11, 19, 43 or 67
Carmine, Dark (Met)	BB	Rec: 77 Acc: 77
Green, Dark (Met)	BB	Rec: 11, 44 or 48 Acc: 19
Silver	BB	Rec: 15 or 19 Acc: 15 or 77
White	BB	Rec: All except 15, 61, 69 or 75 Acc: 15, 61, 69 or 75

Rec = Recommended; Acc = Acceptable

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. CAUTION: Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

Seat, headliner and Door Trim Color	Black	Blue	Camel	Carmine
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Carmine

Model	Seat Type	BBZ	BBZ	BBZ	BBZ
1HM07-1HM27	Sport Cloth Bucket	BBZ	BBZ	BBZ	BBZ
	Vinyl Bucket	BBZ	BBZ	BBZ	BBZ

Exterior Paint Color	Color Code		L	U	R	A	B
	L	U					
Black	19	19					R
Blue, Bright (Met)	24	24					R
Blue-Green, Dark (Met)	48	48					R
Blue, Light (Met)	22	22					R
Camel (Met)	63	63					R
Camel, Dark (Met)	69	69					R
Camel, Light	61	61					R
Carmine (Met)	77	77					R
Green, Bright (Met)	44	44					R
Red, Light	75	75					R
Saffron (Met)	67	67					R
Silver	15	15					R
White	11	11					R
Yellow, Bright	51	51					R

L=Lower U=Upper

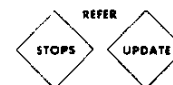
POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO					
	2.29	2.56	2.73	2.93	3.08	3.23
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION						
MM4 w/o C60	-	-	Std	-	G92	-
w/C60	-	-	Std	-	Std	-
MX1	-	-	-	-	G92	-
MM5	-	-	-	-	-	Std
LC9	MM4	-	Std	-	-	-
	MX1	-	Std	-	-	-
	MM5	-	Std	-	-	-
LG3	MM4	-	-	-	Std	-
	MX1	Std	-	-	-	-
WITH YF5 CALIFORNIA						
LS6	MX1	-	Std	-	-	-
LD5	MM4 or MM5	-	-	Std	-	-
	MX1	-	Std	-	-	-
LG3	MX1	Std	-	-	-	-
WITH NA6 HIGH ALTITUDE EMISSION						
LD5	MM4 or MX1	-	-	Std	-	-
LG3	MX1	-	Std	-	-	-

MONZA 2+2 HATCHBACK COUPE MONZA COUPE

STANDARD
INTERIOR TRIM



Model	
1HM07	Monza 2+2 Hatchback Coupe
1HM27	Monza Coupe

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT
 — LX6 151 Cu. In. L4
 — LC9 3.2 Litre (196 Cu. In.) V6
 — LG3 305 Cu. In. V8 (Reqs MM4 or MX1 Trans)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT
 (Recommended Above 4000 Foot Altitude)
 — LD5 231 Cu. In. V6 (Reqs MM4 or MX1 Trans)
 — LG3 305 Cu. In. V8 (Reqs MX1 Trans)

CALIFORNIA REGISTRATION (REQS YF5)
 — LS6 151 Cu. In. L4 (Reqs MX1 Trans)
 — LD5 231 Cu. In. V6
 — LG3 305 Cu. In. V8 (Reqs MX1 Trans)

QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.

Moldings, Wheel Opening	B96	X	X	X	X	X
Radio, AM	U63	X	X	N/INCL		
Wheel Covers, Deluxe	PA3	X	X	X	X	N/INCL
Glass, Soft-Ray Tinted	A01	X	X	X	X	X
Tires, B78-13/B White Stripe (QKY w/V8 Eng)	QLJ	X	X	XN/INCL		
Transmission, Automatic	MX1	X	X	X	X	X
Steering, Power	N41	X	X	X	X	X
Moldings, Body Side	B84	X	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X	X
Mirrors, LH Remote and RH Manual Sport	D35	X	X	X	X	X
Mats, Color-Keyed Floor Console	D55	X	X	X	X	X
Brakes, Power	J50	X	X	X	X	X
Belts, Deluxe	AK1	X	X	X		
Mirror, Day-Night Rearview	D31	X	X	X		
Defogger, Rear Window	C49	X	X	X		
Steering Wheel, Comfortilt	N33	X	X	X		
Radio, AM/FM	U69	X	X	X		
Tires, BR78-13/B White Stripe (QKY w/V8 Eng)	QBY	X	X			
Moldings, Door Edge Guard	B93	X	X			
Bumper Guards	Y30	X	X			
Speaker, Rear Seat	U80	X	X			
W/S Wiper Equip, Intermittent	CD4	X				
Clock, Electric	U35	X				
Seat Back, Adjustable	AN6	X				
Lighting, Auxiliary	ZJ9	X				
Wheels, Rally II	N98	X				

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-5	OPTION
647	C60 AIR CONDITIONING: Four-Season (Reqs N41 Steering w/LD5 Eng) (N/A LG3 Eng w/MM4 Trans) (Incls V01 Rad)
	AXLES, REAR:
	G92 --Performance Ratio (See Power Teams Chart) (Reqs LX6 Eng and MM4 or MX1 Trans)
	G80 --Positraction
	UA1 BATTERY, HEAVY-DUTY
648	AK1 BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black Interior Trim)

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-5	OPTION
✓ 647	J50 BRAKES, POWER
649	V30 BUMPER EQUIPMENT: Guards, Bumper, Front and Rear
	CLOCKS:
	UE8 --Digital
650	U35 --Electric (Incl w/U14 Inst)
647	D55 CONSOLE
✓ 648	C49 DEFOGGER, REAR WINDOW: Electro-Clear
	EMISSION SYSTEMS: (Must Order Only One) (See Power Teams Chart)
	YF5 --California Emission Requirements
	NA6 --High Altitude Emission Equipment
	NA2 --Standard Emission Equipment
647	B37 FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear
646	A01 GLASS, SOFT-RAY TINTED: All Windows
	U14 INSTRUMENTATION: Special (Incls U35 Clock)
650	ZJ9 LIGHTING, AUXILIARY
	MIRRORS:
648	D31 --Inside Rearview, Day-Night
647	D35 --Sport, LH Remote and RH Manual
	MOLDINGS:
647	B84 --Body Side
649	B93 --Door Edge Guard
646	B96 --Wheel Opening
	BS1 QUIET SOUND GROUP
	V01 RADIATOR, HEAVY-DUTY: (Incl w/C60 Air)
	RADIO EQUIPMENT:
646	U63 --AM Radio
✓ 648	U69 --AM/FM Radio
	U58 --AM/FM Stereo Radio
	UM1 --Stereo Tape System w/AM Radio
	UM2 --Stereo Tape System w/AM/FM Stereo Radio
649	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
	U76 --Windshield Antenna (Incl w/above Radio Equip)
	... ROOF COVER, VINYL: Cabriolet (1HM27 only) (See Color and Trim Chart)
	AM7 SEAT, REAR FOLDING: (1HM27 only)
	AN6 SEAT BACK, ADJUSTABLE DRIVER'S
	CF4 SKY ROOF: Manual Sliding Tinted ReflectORIZED Glass (N/A Vinyl Roof)
	N68 SPARE TIRE: Conventional (N/A N77 Wheels)
646	N41 STEERING, POWER
	STEERING WHEELS:
648	N33 --Comfortilt (LC9, LD5 or LG3 Eng reqs N41 Steering)
	N31 --Sport
	F41 SUSPENSION EQUIPMENT: Suspension, Sport (Reqs Radial Tires)
	TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
	--Bias Ply (13/B) (N/A LG3 or F41 Susp)
QAG	--A78 W/S (Base) (Reqs LS6 or LX6 Eng)
QLJ	--B78 W/S
	--Steel Belted Radial Ply (Incls Stabilizer w/o F41 Susp)
QBR	--BR78-13/B B/W (N/A LG3 Eng)
✓ 649	QBY --BR78-13/B W/S (N/A LG3 Eng)
QKX	--BR70-13/C B/W
✓ 646, 49	QKY --BR70-13/C W/S
QKZ	--BR70-13/C W/L
	TRANSMISSIONS: Floor-Mounted (See Power Teams Chart)
	MM4 --4-Speed Manual
	MM5 --5-Speed Manual (N/A LG3 Eng or NA6 Altitude)
646	MX1 --Automatic
	WHEEL TRIM:
646	PA3 --Wheel Covers, Deluxe Color-Keyed (N/A N77 Wheels)
	N77 --Wheels, Aluminum (N/A N68 Spare Tire)
✓ 650	N98 --Wheels, Rally II
✓ 650	CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

MONZA STATION WAGON MONZA ESTATE STATION WAGON MONZA 'S' HATCHBACK COUPE

CUSTOM
INTERIOR TRIM

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired.

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Car- mine	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Car- mine	Black	Blue	Car- mine

Model Seat Type

1HM15-1HM77	Custom Vinyl Bucket	XBB2	XDD2	XCC2	XRR2	XWB2	XWD2	XWR2
	Custom Sport Cloth Bucket	SBB2	SDD2	SCC2	SRR2			

Exterior Paint Color Code

Color	L	U	R	A	R	R	R	R	R
Black	19	19	R	A	R	R	R	R	R
Blue, Bright (Met)	21	24	R	A			R	R	
Blue-Green, Dark (Met)	43	48	A		R		A		
Blue, Light (Met)	22	22	A	R			A	R	
Camel (Met)	63	63	A		R		A		
Camel, Dark (Met)	68	69	A		R		A		
Camel, Light	61	61	R		R	A	A		
Carmine (Met)	77	77	A		A	R	A		R
Green, Light (Met)	44	44	A		A		A		
Red, Light	75	75	A		R	A	A		
Saffron (Met)	67	67	R		A		R		
Silver	15	15	R	A		R	R		
White	11	11	R	R	R	R	R	R	R
Yellow, Bright	51	51	R		A		R		

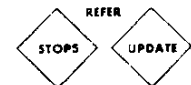
L=Lower U=Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO				
	2.56	2.73	2.93	3.03	3.23
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION					
MM4 w/o C60	-	Std	-	G92	--
LX6 MX1 MM5	-	Std	-	G92	--
LC9 MM4 MM5 or MX1	-	Std Std	-	-	Std
WITH YF5 CALIFORNIA					
LS6 MX1	-	Std	-	-	-
LD5 MM4 or MM5 MX1	-	-	Std	-	-
WITH NA6 HIGH ALTITUDE EMISSION					
LD5 MM4 or MM5	-	-	Std	-	-

MONZA STATION WAGON MONZA ESTATE STATION WAGON MONZA 'S' HATCHBACK COUPE



CUSTOM
INTERIOR TRIM

Model

1HM15 Monza Station Wagon
1HM15/YC6 Monza Estate Station Wagon
1HM77 Monza 'S' Hatchback Coupe

YC6 Estate
(N/A PA3 Wheel Covers or N77 Wheels)
(Incls Wood-Grained Exterior, AN6 Seat
Back and Q31 Mirror)

← COLOR AND TRIM SELECTION

MUST ORDER ONE: _____ ENGINES _____

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

— LX6 151 Cu. In. L4
— LC9 3.2 Litre (196 Cu. In.) V6

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT
(Recommended Above 4000 Foot Altitude)

— LD5 231 Cu. In. V6 (Reqs MM4 or MX1 Trans)

CALIFORNIA REGISTRATION (REQS YF5)

— LS6 151 Cu. In. L4 (Reqs MX1 Trans and U14
Instl)
— LD5 231 Cu. In. V6

QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.

Radio, AM	U63	X	X	X	N/INCL
Glass, Soft-Ray Tinted	A01	X	X	X	X
Transmission, Automatic	MX1	X	X	X	X
Steering, Power	N41	X	X	X	X
Carrier, Roof (1HM15 only)	V55	X	X	X	X
Mirr., Day-Night R.V. (Exc. w/YC6)	Q31	X	X	X	X
Moldings, Body Side (deleted w/YC6 Estate)	B84	X	X	X	X
Tires, 878-13/B White Stripe	QLJ	X	X	X	X NOT INCL
Air Conditioning, Four-Season	C60	X	X	X	X
Mats, Color-Keyed Floor	B37	X	X	X	X
Steering Wheel, Comfortilt	N33	X	X	X	X
Moldings, Door Edge Guard (deleted w/YC6 Estate)	B93	X	X	X	X
Windows, Swing-out (1HM77 only)	A20	X	X	X	X
Belts, Deluxe	AK1	X	X	X	X
Bumper Guards	V30	X	X	X	
Mirrors, LH Remote and RH Manual Sport	Q35	X	X	X	
Console	D55	X	X	X	
Quiet Sound Group	BS1	X	X	X	
Moldings, Wheel Opening (deleted w/YC6 Estate)	B96	X	X	X	
Wheel Covers, Deluxe	PA3	X	X	X	NOT INCL
Defogger, Rear Window	C49	X	X		
Air Deflector (1HM15 only)	C31	X	X		
Speaker, Rear Seat	U80	X	X		
Radio, AM/FM	U69	X	X		
Brakes, Power	J50	X	X		
W/S Wiper Equip, Intermittent	CD4	X			
Seat Back, Adjustable (Exc. w/YC6)	AN6	X			
Lighting, Auxiliary	ZJ9	X			
Tires, BR78-13/B White Stripe	Q8Y	X			
Wheels, Rally II	N98	X			

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S OPTION

- 657 C60 AIR CONDITIONING: Four-Season (Reqs NA1 Steering w/LD5 Eng) (Incls V01 Rad)
- 659 C51 AIR DEFLECTOR, REAR WINDOW: (1HM15 only) AXLES, REAR:
 - G92 --Performance Ratio (See Power Teams Chart) (Reqs LX6 Eng and MM4 or MX1 Trans)
 - G80 --Positraction

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S OPTION

- U41 BATTERY, HEAVY-DUTY
- 657 AK1 BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black or White w/Black Interior Trim)
- 659 J50 BRAKES, POWER
- 658 V30 BUMPER EQUIPMENT: Guards, Bumper, Front and Rear
- 656 V55 CARRIER, ROOF: (1HM15 only)
- 658 D55 CONSOLE
- 659 C49 DEFOGGER, REAR WINDOW: Electro-Clear EMISSION SYSTEMS: (Must Order Only One) (See Power Teams Chart)
- YF5 --California Emission Requirements
- NA6 --High Altitude Emission Equipment
- NA2 --Standard Emission Equipment
- 657 B37 FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear
- 656 A01 GLASS, SOFT-RAY TINTED: All Windows
- U14 INSTRUMENTATION: Special (Reqs LS6 Eng)
- 660 ZJ9 LIGHTING, AUXILIARY MIRRORS:
 - 656 Q31 --Inside Rearview, Day-Night (Incl w/YC6 Estate Wagon)
 - 658 D35 --Sport, LH Remote and RH Manual MOLDINGS: (N/A YC6 Estate)
 - 656 B84 --Body Side
 - 657 B93 --Door Edge Guard
 - 658 B96 --Wheel Opening
 - 658 BS1 QUIET SOUND GROUP
 - V01 RADIATOR, HEAVY-DUTY: (Incl w/C60 Air)
 - RADIO EQUIPMENT:
 - 656 U63 --AM Radio
 - 659 U69 --AM/FM Radio
 - U58 --AM/FM Stereo Radio
 - UM1 --Stereo Tape System w/AM Radio
 - UM2 --Stereo Tape System w/AM/FM Stereo Radio
 - U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
 - U76 --Windshield Antenna (Incl w/above Radio Equip)
 - 660 AN6 SEAT BACK, ADJUSTABLE DRIVER'S (Incl w/YC6 Estate Wagon)
 - CF4 SKY ROOF: Manual Sliding Tinted ReflectORIZED Glass (1HM77 only)
 - 656 V41 STEERING, POWER
 - 657 V43 STEERING WHEEL: Comfortilt (LC9 or LD5 Eng reqs N41 Steering)
 - F41 SUSPENSION EQUIPMENT: Suspension, Sport (Reqs Radial Tires)
 - TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
 - --Bias Ply (13/B) (N/A F41 Susp)
 - QAG ---A78 W/S (Base) (Reqs LS6 or LX6 Eng) (1HM77 only)
 - 656 Q1J ---B78 W/S (Base 1HM15) (Available 1HM77)
 - Steel Belted Radial Ply (Incls Stabilizer w/o F41 Susp)
 - QBR ---BR78-13/B B/W
 - QBY ---BR78-13/B W/S
 - QKX ---BR70-13/C B/W
 - QKY ---BR70-13/C W/S
 - QKZ ---BR70-13/C W/L
 - TRANSMISSIONS: Floor-Mounted (See Power Teams Chart)
 - MM4 --4-Speed Manual
 - MM5 --5-Speed Manual (N/A NA6 Altitude)
 - 656 MX1 --Automatic
 - WHEEL TRIM:
 - 658 PA3 --Wheel Covers, Deluxe Color-Keyed (N/A YC6 Estate, N77 or N98 Wheels)
 - N77 --Wheels, Aluminum (N/A YC6 Estate)
 - N98 --Wheels, Rally II
 - A20 WINDOWS: Swing-Out Rear Side (1HM77 only)
 - CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

MONZA STATION WAGON MONZA 'S' HATCHBACK COUPE

STANDARD
INTERIOR TRIM

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired.

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Car- mine
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Car- mine

Model	Seat Type					
1HM15-1HM77	Sport Cloth Bucket	JBB2		JCC2		
	Vinyl Bucket	VBB2	VDD2	VCC2	VRR2	

Exterior Paint Color	Color Code					
	L	U				
Black	19	19	R	A	R	R
Blue, Bright (Met)	24	24	R	A		
Blue-Green, Dark (Met)	48	48	A		R	
Blue, Light (Met)	22	22	A	R		
Camel (Met)	63	63	A		R	
Camel, Dark (Met)	69	69	A		R	
Camel, Light	61	61	R		R	A
Carmine (Met)	77	77	A		A	R
Green, Light (Met)	44	44	A		A	
Red, Light	75	75	A		R	A
Saffron (Met)	67	67	R		A	
Silver	15	15	R	A		R
White	11	11	R	R	R	R
Yellow, Bright	51	51	R		A	

L=Lower U=Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION	AXLE RATIO				
	2.56	2.75	2.93	3.09	3.25
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION					
LX6 MM4 w/o C60	-	Std	-	G92	-
w/C60	-	Std	-	Std	-
MM5	-	-	-	G92	-
LC9 MM4	-	Std	-	-	Std
MM5 or MX1	-	Std	-	-	-
WITH YF5 CALIFORNIA					
LS6 MX1	-	Std	-	-	-
LD5 MM4 or MM5	-	-	Std	-	-
MX1	Std	-	-	-	-
WITH NA6 HIGH ALTITUDE EMISSION					
LD5 MM4 or MX1	-	-	Std	-	-

MONZA

MONZA STRIPING CHART (1HR07 ONLY) RPO ZO2 (MUST BE SPECIFIED)

Exterior Paint Color	Color Code		Stripe Color	Letter Color
	L	U		
Black	19	19	Gold	White
Blue, Bright (Met)	24	24	Black	White
Blue-Green, Dark (Met)	48	48	Gold	White
Blue, Light (Met)	22	22	Black	White
Camel (Met)	63	63	Black	White
Camel, Dark (Met)	69	69	Gold	White
Camel, Light	61	61	Black	Red
Carmine (Met)	77	77	Black	Gold
Green, Light (Met)	44	44	Black	White
Red, Light	75	75	Black	Gold
Saffron (Met)	67	67	Black	Gold
Silver	15	15	Black	Red
White	11	11	Black	Red
Yellow, Bright	51	51	Black	Red

L=Lower U=Upper