



GENERAL

MODEL IDENTIFICATION	2
SERIAL NUMBERS AND IDENTIFICATION	3
EXTERIOR EQUIPMENT	4
INTERIOR EQUIPMENT	5-6-7
EXTRA COST EQUIPMENT	8-9
DELUXE INTERIOR OPTION RPO B18	10
DELUXE EXTERIOR OPTION RPO B57	10
AIR CONDITIONING EQUIPMENT	11

MODEL IDENTIFICATION

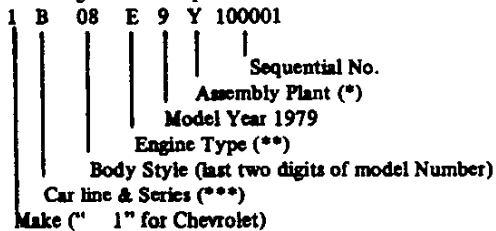
BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASSENGER
T-CAR	CHEVETTE	2-Dr. Hatchback Coupe	1TB08	4
		2-Dr. Hatchback Coupe	1TJ08	4
		4-Dr. Hatchback Sedan	1TB68	4

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



- * Y-Wilmington - GMAD
- **E-L4-1.4 Litre (70 H.P.)
- O-L4-1.6 Litre (74 H.P.)
- ***T-Chevette models

EXAMPLE: The twenty-fifth Chevrolet vehicle built at Chevrolet Wilmington if it were a 1TB08 model Chevette Coupe with a 1.6 Litre (70 H.P.) engine would bear VIN Number 1B08E9Y100025.

Location Stamped on plate attached to left hand windshield pillar.

TRANSMISSION IDENTIFICATION

Example: R9E01D

Type Designation	Source Designation	Model Year	Production ^o Month & Date
SM	R (Muncie)	1979 9	E01D*

SM	4-Speed	L4-1.6 Litre Engine	R - Muncie
		L4-1.6 Litre Engine	
NS	3-Speed Auto.	L4-1.6 Litre Engine	B - Parma
			Y - Toledo

Location:
 4-Speed Stamped on top right side of transmission case.
 3-Speed Automatic Stamped on right side of transmission, above filler plug.

o-Month: 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.

ENGINE IDENTIFICATION

Example: F1210DBA

Source Designation	Production* Month & Date	Type Designation
F (Flint)	1210	DBA

1.6L, 98 Cubic Inch L4 Engine (RPO L17)

- DBA - Regular production engine, 4-speed
- DBB - Regular production engine, 3-speed automatic

1.6L, 98 Cubic Inch L4 Engine (RPO L18)

- DBL - Optional, 4-Speed
- DBM - Optional, 3-speed automatic

Location:
 4-Cylinder engine Stamped on right hand side of cylinder block outboard of the engine plant identification.

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

REAR AXLE IDENTIFICATION

- QA - 3.70 Axle
- QD - 4.11 Axle

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

See Power Train Section for additional information.

EXTERIOR EQUIPMENT

STANDARD EQUIPMENT EXTERIOR EXTERIOR

	1TJ08	1TB08	1TB68
FRONT			
Radiator Grille Bow Tie Emblem (C)	X	X	X
Bright Windshield Reveal Molding in Weatherstrip (F)		X	X
Argent and Bright Grille (Plastic) (C)		X	X
Argent Grille (Plastic) (C)	X		
Parking Lamps Located in Bumper – Amber Lens (C)	X	X	X
Bright Headlamp Bezels – Plastic (C)		X	X
Argent Headlamp Bezels (C)	X		
Dual Exposed Windshield Wipers – Dull Chrome Arms and Blades (F)	X	X	X
Chrome Plated Steel Bumper (C)		X	X
Argent Painted Steel Bumper (C)	X		
Single Rectangular Headlamps (C)	X	X	X
Bumper Rub Strip (C)		X	X
SIDE			
Bright Rocker Panel Molding (Aluminum) (C)		X	X
Black Painted Rocker Panel (C)		X	X
Body Side Molding (C) (F)		X	X
Body Color Front and Rear Bumper Filler Panels (C)		X	X
Front Marker Lamp – Amber Lens (C)	X	X	X
Flush Type Door Handles (F)	X	X	X
Bright Hub Caps (Aluminum) (C)	X	X	X
Bright Wheel Trim Rings (Aluminum) (C)		X	X
L.H. Rear View Mirror – Rectangular (C)	X	X	X
Rear Marker Lamp – Red Lens (F)	X	X	X
Swing-out Rear Side Window (F)		X	
Dropping Rear Door Window (F)			X
Fixed Rear Quarter Window (F)	X		
Bright Roof Drip Molding (Aluminum) (F)	X	X	X
Bright “Chevette” Nameplate on Fender Side (Die Cast) (C)		X	X
Argent “Chevette Scooter” Decal on Fender Side (C)	X		
REAR			
Bright “Chevrolet” Nameplate on Hatch – Plastic (F)		X	X
Argent “Chevrolet” Nameplate on Hatch – Decal (F)	X		
Dual Side-Mounted License Plate Lamps (F)	X	X	X
Bright Hatch Window Reveal Molding in Weatherstrip (F)		X	X
Single Taillamp Units with Tri-Color Lens and Bright Bezel (F)	X	X	X
Top Hinged Hatch with Fixed Window and R.H. Gas Strut (F)	X	X	X
Chrome Plated Steel Bumper (C)		X	X
Argent Painted Steel Bumper (C)	X		
Bumper Rub Strip (C)		X	X

(C) – Chevrolet Responsibility
(F) – Fisher Body Responsibility

INTERIOR EQUIPMENT

STANDARD EQUIPMENT INTERIOR

SEATS AND FLOOR COVERING	1TJ08	1TB08	1TB68
Full Foam, (non-reclining) Front Bucket Seats (F)	X		
Full Foam, Reclining Front Bucket Seats (F)		X	X
Full Foam, Folding, Full Width Rear Seat (F)	X	X	X
Inertia-Type Front Seat Back Lock (F)		X	
Manual Front Seat Back Lock - Black Lever (F)	X		
Folding Rear Seat Back Lock - Bright (F)	X	X	X
Front Seat Fore-Aft Adjuster, Both Seats - Black Knob (F)		X	X
Front Seat Fore-Aft Adjuster, Driver's Seat - Black Knob (F)	X		
Front Seat Hinge Arm Cover - Color Keyed (F)	X	X	X
Front Seat and Shoulder Belt System - Single Belt with Hidden Retractor - Black (F)	X	X	X
Rear Seat Belt System - Conventional 2-Piece Lap Belt for Each Occupant - Black (F)	X	X	X
Carpet Floor Covering - Nylon Cut Pile (F)	X	X	X
Unpainted Aluminum Load Floor with Rubber Mat (F)	X	X	X
Black-Painted Rear Wheel Wells (F)	X		
Transmission Floor Console with Black Boot and Knob with Shift Pattern (C)		X	X
Transmission Shift Lever with Black Boot and Knob with Shift Pattern (C) . .	X		
Tunnel-Mounted Parking Brake Lever - Black Grip and Shaft (C)	X	X	X
Sill Plates - Bright Aluminum Inner	X	X	X

(C) - Chevrolet Responsibility
(F) - Fisher Body Responsibility

INTERIOR EQUIPMENT

STANDARD EQUIPMENT INTERIOR

INSTRUMENT PANEL AND STEERING WHEEL (C)	1TB08	1TJ08	1TB68
Instrument Panel Pad with "Chevrolet" Nameplate – Color-keyed		X	X
Instrument Panel Pad with "Chevrolet" Nameplate – Black	X		
Instrument Panel Lower – Color-keyed		X	X
Instrument Panel Lower – Black	X		
Steering Column – Black	X	X	X
Steering Column Instrument Panel Shroud – Black	X	X	X
Steering Column-Mounted Smart Switch (2-Speed Wiper, Washer, Turn Signal, and Headlamp Dimmer) – Black	X	X	X
Steering Column-Mounted Ignition Switch with Anti-Theft Feature and Lock Inhibitor	X	X	X
Brushed Aluminum Instrument Panel Moldings		X	X
Steering Column-Mounted Hazard Flasher Switch – Black Knob	X	X	X
Two-Spoke Soft Feel Steering Wheel with Center Horn Button – Black	X		
Sport Steering Wheel		X	X
Steering Wheel Horn Button Insert with "Chevette"	X	X	X
Hood Release – Black Handle (Below LH Side of IP)	X	X	X
Instrument Cluster Carrier and Gages			
Carrier – Black	X		
Carrier – Black with Bright Accents and Brushed Aluminum Trim Plate		X	X
Instruments (Circular)			
Speedometer – Odometer (80 MPH and 130 km/h max.)	X	X	X
Fuel Gage	X	X	X
Clock Cover Plate with Graphics	X	X	X
Warning Lamps for –			
Fasten Seat Belts – Med. Red when Lighted	X	X	X
Brake – Parking and Loss of Hydraulic Pressure – Med. Red when Lighted	X	X	X
Oil Pressure – Med. Red when Lighted	X	X	X
Water Temperature – Med. Red when Lighted	X	X	X
Generator – Light Red when Lighted	X	X	X
Headlamp High Beam Indicator – Blue when Lighted	X	X	X
LH and RH Turn Signal Indicators – Green when Lighted	X	X	X
Three-Speed Blower Heater Control – Black Knobs	X	X	X
Light Switch – Black Knob with White Circle and Symbol	X	X	X
AM Radio – Black Knobs with White Circle and Symbol	O	X	X
Cigarette Lighter – Black with White Circle and Symbol	O	X	X
Ash Tray with Faceplate Grip	X	X	X
Glove Compartment	X		
Glove Compartment with Door and Lock		X	X
Flow-Thru Ventilation Outlets (2) – Black Barrels	X	X	X
Single Horn	X	X	X

(C) – Chevrolet Responsibility
(F) – Fisher Body Responsibility
O – Optional

INTERIOR EQUIPMENT

STANDARD EQUIPMENT INTERIOR

	1TJ08	1TB08	1TB68
ROOF AND PILLARS (F)			
"Premier" Vinyl Coated, Perforated Headlining	X	X	X
Header Mounted Courtesy Lamp with Plastic Lens	X	X	X
Dual Non-Hook Padded Sunshades	X	X	X
8-Inch Rear View Mirror - Black Housing	X	X	X
Black-Painted Rear View Mirror Support, Bonded to Windshield	X	X	X
Painted Metal Windshield, Door and Hatch Pillars	X	X	X
Ventilation Relief Valve with Black Grille (Located in Door Lock Pillars)	X	X	X
Left Front Door Jamb Switch - Key Reminder and Courtesy Lamp	X	X	X
Right Front Door Jamb Switch	X	X	X
Coat Hooks (2)	X	X	X
 DOOR AND QUARTER PANEL (F)			
Embossed Fiberboard Door Trim Panel	X		
Molded Plastic Door Trim Panel with Remote Door Handle Pocket		X	X
Front Door Armrest		X	X
Bright Door Window Regulator Handle with Black Knob		X	X
Black Door Window Regulator Handle and Knob	X		
Bright Remote Door Handle		X	X
Black Remote Door Handle and Escutcheon	X		
Black Door Pull Strap with Bright Escutcheons	X		
Color Keyed Rear Door Pull Strap			X
Bright Remote Door Lock Button	X	X	X
Color-Keyed Molded Plastic Cowl Kick Pads	X	X	X
Embossed Fiberboard Quarter Trim Panels	X		
Molded Plastic Quarter Trim Panel		X	X
Embossed Fiberboard Rear End Panel Trim	X	X	X

(C) - Chevrolet Responsibility
(F) - Fisher Body Responsibility

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC
MODEL OPTIONS		
CUSTOM INTERIOR OPTION (See page 10 for content)	B18	
CUSTOM EXTERIOR OPTION (See page 10 for content)	B57	
POWER TEAMS		
ENGINE I4 - 1.6 Litre, High Output	L18	
TRANSMISSION, 3-Speed Automatic	MX1	
AXLE - Rear 4.11:1 Ratio	H04	
FACTORY INSTALLED REGULAR PRODUCTION TIRES		
P155/80 R13 Glass Belted Radial, Whitewall	QBH	
P155/80 R13 Steel Belted Radial, Blackwall	QMN	
P155/80 R13 Steel Belted Radial, Whitewall	QMP	
P155/80 R13 Steel Belted Radial, White Lettered	QMQ	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC
Seat and Shoulder Belts – Deluxe (1TB00 only)	AK1	
Glass-Tinted, All Windows	A01	
Automatic Shoulder Belt System	AR4	
Automatic Shoulder Belt Convenience Group (Consists of AR4, BS2, D31, TR9 and U35).	B4J	
Deluxe Appointment Group (Consists of AK1, BS2, D31, TR9 and U35)	B4K	
Acoustic Package – Deluxe (1TB00 only)	B52	
Floor Mats – Front and Rear Color Keyed	B37	X
Carpet – Seat Back (1TB00 only)	B44	
Molding – Body Side With Vinyl Insert (Adhesive Back) (1TJ08 only)	B84	X
Moldings – Side Window Reveal (1TB00 only)	B90	
Guards – Door Edge, Plastic, Bright	B93	X
Guards – Door Edge, Vinyl		X
Defogger Rear Window – Electric	C49	
Air Conditioning (See page 11 for content)	C60	
Sport Striping	DX5	
Rear View Mirror – Day/Night Inside	D31	X
Mirrors Rear View – Outside (Sport Type)		
LH Remote and RH Manual (1TB00 only)	D35	
Mirror Rear View – Remote Control Outside (Sport Type) LH only (1TB00 only)	D69	
Sport Suspension	F41	
Brakes – Power	J50	
Heater – Engine Block (Canada only)	K05	
Sport Shift – Base Transmission only (1TB00 only)	MC4	
Comfortilt Steering Wheel	N33	
Wheel Trim Covers (1TB00 only)	PB2	
Wheel Trim Rings (1TJ08 only)	P06	X
Battery, Heavy Duty	UA1	
Gauge Package – With Tach and Voltmeter (1TB00 only)	U14	
Clock Electric (1TJ08 only)	U35	X
Cigarette Lighter (1TJ08 only)	U37	
Radio, AM/FM Stereo (1TB00 only)	U58	
Radio AM (1TJ08 only)	U63	X
Radio AM/FM	U69	X
Speaker, Auxiliary (1TB00 only)	U80	X
Bumper Impact Strips – Front and Rear (1TJ08 only)	VE5	
Radiator Heavy Duty (1TB00 only)	V01	
Guards, Bumper – Front and Rear	V30	
Luggage Carrier	V55	
Lighting, Auxiliary (Not available on 1TB00) (For 1TB00 Models RPO B4J and B4K)	TR9	
Rear Compartment Light and Hatch Switch U25		X
Engine Compartment Light U26		X
Glove Box Light (except 1TJ08) U27		X
Instrument Panel Courtesy Lights U29		X
RH Door Jamb Switch C80 (1TJ08)		X
Headlamp Warning Buzzer T63		X
Alarm Theft		X
Container, Tissue/Litter – Black		X
Compass, Auto		X
Lamp, Portable Spot		X
Mirror, Trailer – Fender, Clamp On		X
Mirror, Vanity Visor		X
Radio, CB		X
Seat, Child Safety		X
Seat, Infant Safety		X
Warmer, Car Interior		X
Hitch, Trailer		X
Antenna, Radio and CB		X
Harness, Rear Seat Shoulder		X
Heater, Engine Block		X

RPO B18 AND B57

DELUXE INTERIOR OPTION (B18)

MODEL AVAILABILITY

Models 1TB00

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

INTERIOR

Deluxe Cloth or Vinyl Seat Trim (YR1, YS1)
Deluxe Door and Quarter Trim Design with Moldings (BB8, YT1)
Instrument Panel Bead Moldings
Roof Rail RH Assist Grip (E28)
Added Acoustical Insulation (BS1)
Seat Back and Load Floor Carpet (B44)
Day-Night Rear View Mirror (D31)
Rear Quarter Ash Trays (1TB08)

DELUXE EXTERIOR OPTION (B57)

MODEL AVAILABILITY

Models 1TB00

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

EXTERIOR

Side Window Reveal Moldings (B90)
Wheel Opening Moldings (B96)
Specific Rocker Panel Molding (Revised Ends)

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 for A/C (steel)
Crankshaft Pulley	Single two groove pulley
Compressor & Crankshaft Belt	One
Generator	55 Ampere
Radiator	Heavier duty

1
2

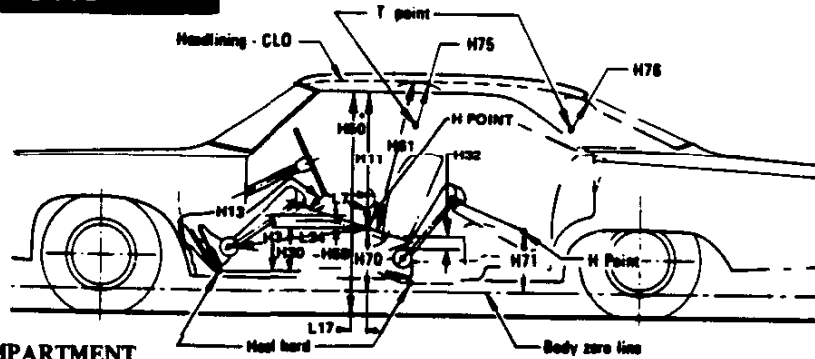
3

4

DIMENSIONS AND WEIGHTS

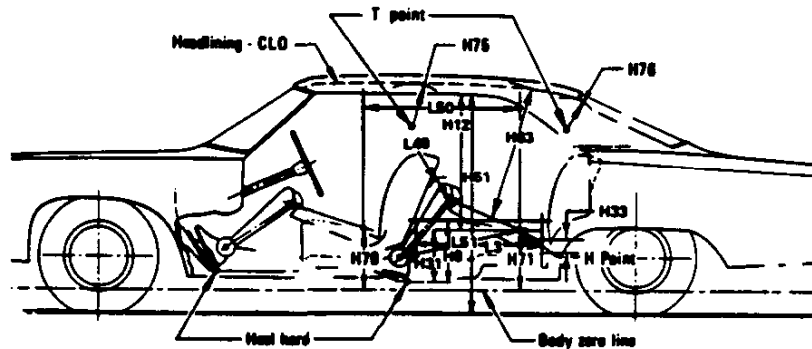
INTERIOR DIMENSIONS	2
EXTERIOR DIMENSIONS	3,4
LUGGAGE CAPACITY	5
HATCHBACK COUPES AND SEDAN CARGO SPACE	5
VEHICLE WEIGHTS	6
OPTIONAL EQUIPMENT WEIGHTS	6

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	HATCHBACK COUPES		HATCHBACK SEDAN
		1TB08	1TJ08	1TB68
H-3	Seat cushion height	303 (11.9)		307 (12.1)
H11	Entrance height	778 (30.6)		779 (30.7)
H13	Steering wheel thigh clearance	87 (3.4)		88 (3.5)
H30	SgRP to heel point (chair height)	258 (10.1)		262 (10.3)
H32	Seat cushion deflection		85 (3.3)	
H50	Upper body opening to ground		1208 (47.5)	
H58	H point rise		22 (0.9)	
H61	Effective headroom	968 (38.1)		973 (38.3)
H70	SgRP to body base grid		336 (13.2)	
H75	Effective 'T' point headroom	974 (38.3)		978 (38.5)
W3	Shoulder room	1273 (50.1)		1266 (49.8)
W5	Hip room	1268 (49.9)		1256 (49.4)
L7	Steering wheel torso clearance		365 (14.3)	
L17	H point travel		134 (5.3)	
L34	Effective leg room		1055 (41.5)	

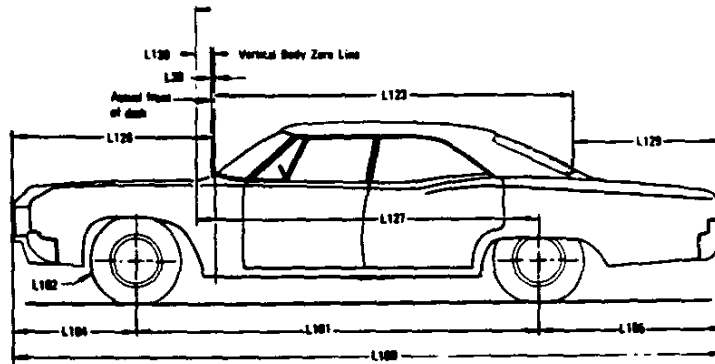


REAR COMPARTMENT

H8	Seat cushion height	316 (12.4)		318 (12.5)
H12	Entrance height	-		774 (30.5)
H31	SgRP to heel point (chair height)	278 (10.9)		277 (10.9)
H33	Seat cushion deflection	118 (4.6)		126 (5.0)
H51	Upper body opening to ground	-		1199 (47.2)
H63	Effective headroom	947 (37.3)		949 (37.4)
H71	SgRP to body base grid		340 (13.4)	
H76	Effective 'T' point headroom	941 (37.0)		944 (37.2)
W4	Shoulder room	1253 (49.3)		1256 (49.4)
W6	Hip room		1036 (40.8)	
L3	Rear compartment room	569 (22.4)		644 (25.3)
L48	Knee clearance	-68 (-2.7)		-1.0 (-0.0)
L50	SgRP couple distance	678 (26.7)		754 (29.7)
L51	Effective leg room	776 (30.6)		851 (33.5)

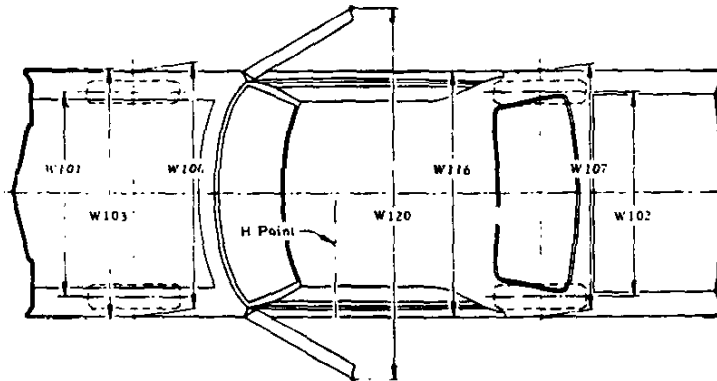
* Primary Dimensions are millimetres unless otherwise shown.

EXTERIOR DIMENSIONS



LENGTH

CODE	DESCRIPTION	HATCHBACK COUPE		HATCHBACK SEDAN
		1TB08	1TJ08	1TB68
L101	Wheelbase	2394 (94.3)		2471 (97.3)
L102	Tire size (standard)	P155/80R-13		
L103	Overall length	4057 (159.7)	4034 (158.8)	4130 (162.6)
L104	Overhang front	779 (30.7)	767 (30.2)	779 (30.7)
L105	Overhang rear	884 (34.8)	872 (34.3)	880 (34.6)
--	Overall length - less bumpers	3785 (149.0)		3952 (155.6)
L123	Body upper structure length at car centerline	2450 (96.5)		2526 (99.4)
L125	Body base grid plane to windshield cowl point	305 (12.0)		
L126	Front end length at centerline	885 (34.8)		
L127	Rear wheel centerline to body base grid line	2179 (85.5)		
L128	Front wheel centerline to body base grid line	-215 (-8.5)		
L129	Rear end length at centerline	215 (8.5)		
L30	Front of dash to body base grid	21 (0.8)		

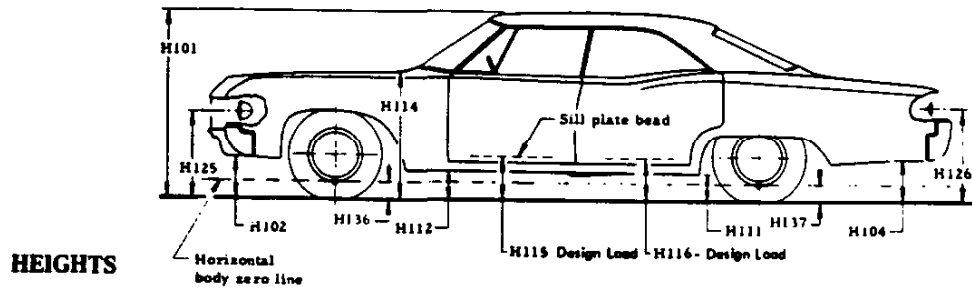


WIDTHS

W101	Tread - front	1300 (51.2)	
W102	Tread - rear	1300 (51.2)	
W103	Maximum overall width of car	1570 (61.8)	
W106	Front fender overall width	1548 (60.9)	
W107	Rear fender overall width	1570 (61.8)	
W116	Maximum overall width of body	1570 (61.8)	
W117	Body Width at SgRP - Front	--	1546 (60.9)
W120	Overall car width, front doors open	3384 (133.2)	3048 (120.0)
W121	Overall car width, rear doors open	--	2974 (117.1)

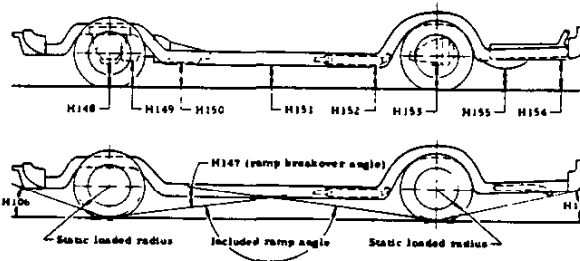
* Primary dimensions are millimetres unless otherwise shown.

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	HATCHBACK COUPES		HATCHBACK SEDAN
		1TB08	1TJ08	1TB68
H101	Overall height (design)		1329 (52.3)	
H102	Front bumper to ground		341 (13.4)	
H104	Rear bumper to ground		335 (13.2)	
H111	Rocker panel to ground - rear		167 (6.6)	
H112	Rocker panel to ground - front		175 (6.9)	
H114	Hood at rear to ground		885 (34.8)	
H115	Step height - front (design)		312 (12.3)	
H116	Step height - rear (design)		---	229 (9.0)
H125	Headlamp to ground		625 (24.6)	
H126	Taillamp to ground		622 (24.5)	
H136	Body O line to ground - front		94 (3.7)	
H137	Body O line to ground - rear		85 (3.3)	



CLEARANCES

H106	Angle of approach (degrees)	26°21'	
H107	Angle of departure (degrees)	22°43'	20°17'
H147	Ramp breakover angle (degrees)	17°31'	
H148	Front suspension to ground	142 (5.6)	
H149	Oil pan to ground	150 (5.9)	
H150	Flywheel housing to ground	164 (6.5)	
H151	Frame to ground	279 (11.0)	
H152	Exhaust system to ground	147 (5.8)	
H153	Rear axle to ground	150 (5.9)	
H154	Fuel tank to ground	201 (7.9)	
H155	Tire well to ground	---	
H156	Minimum ground clearance	135 (5.3) (a)	

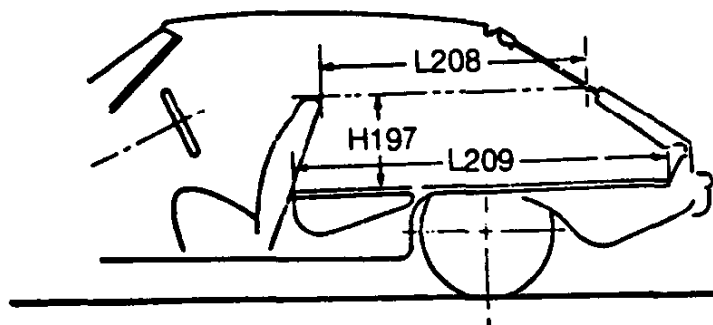
(a) K-Brace under front crossmember.

* Primary Dimensions are millimetres unless otherwise shown.

INTERIOR DIMENSIONS

LUGGAGE COMPARTMENT

CODE	DESCRIPTION	HATCHBACK COUPES		HATCHBACK SEDAN
		1TB08	1TJ08	1TB68
H195	Liftover height	722 (28.4)		723 (28.5)
V1	Usable luggage capacity (cu. ft.)	---		



HATCHBACK CARGO SPACE

W4	Shoulder room - rear	1253 (49.3)	1256 (49.4)
H197	Front seat back to load floor height	488 (19.2)	489 (19.3)
L208	Cargo length at - front seat back height	950 (37.4)	1026 (40.4)
L209	Cargo length at floor - front seat	1474 (58.0)	1547 (60.9)
V3	Total hatchback - cargo index volume (cu. ft.)	742L (26.3 cu.ft.)	775L (27.4 cu.ft.)

* Primary Dimensions are millimetres unless otherwise shown.

VEHICLE WEIGHTS

MODEL SYMBOL	VEHICLE TYPE Description	SHIPPING WEIGHT			CURB WEIGHT		
		Front	Rear	Total	Front	Rear	Total
4-Cyl.							
1TB08	2-Door Hatchback Coupe	503 kg (1109 lb.)	392 kg (864 lb.)	895 kg (1973 lb.)	499 kg (1100 lb.)	422 kg (930 lb.)	921 kg (2030 lb.)
1TJ08	2-Door Hatchback Coupe	481 kg (1060 lb.)	392 kg (864 lb.)	873 kg (1924 lb.)	477 kg (1052 lb.)	422 kg (930 lb.)	899 kg (1982 lb.)
1TB68	4-Door Hatchback Sedan	515 kg (1135 lb.)	416 kg (917 lb.)	931 kg (2052 lb.)	511 kg (1127 lb.)	446 kg (983 lb.)	957 kg (2110 lb.)

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 KILOGRAMS/POUNDS
C60	Air Conditioning		31.8 (70 lb.)
B37	Floor mats, front and rear		3.2 (7 lb.)
B44	Load floor carpet		-0.6 (1.0)
J50	Power brakes		3.0 (7 lb.)
MC4	Sport shifter		1.0 (2 lb.)
N33	Comfortilt steering wheel		1.0 (2 lb.)
PB2	Wheel trim covers	1TB00	2.0 (4 lb.)
U14	Gauge package deluxe		0.2 (0.4 lb.)
U58	Radio AM/FM Stereo	1TB00	2.2 (5 lb.)
U63	Radio AM push-button	1TJ08	2.0 (4 lb.)
U69	Radio AM/FM push-button	1TB00	0.2 (0.4 lb.)
		1TJ08	2.2 (5.0 lb.)
U80	Speaker	1TB00	0.6 (1 lb.)
V01	Radiator heavy duty		1.4 (3 lb.)
V30	Bumper guards		3.2 (7 lb.)
V55	Luggage rack		5.0 (11 lb.)
MX1	3-Speed Automatic	1TB00	18.2 (40 lb.)
		1TJ08	18.8 (41 lb.)

*Primary Dimensions are kilograms.

BODY

EXTERIOR PAINT PROCESS	2
EXTERIOR-INTERIOR COLORS	3-4
BODY CONSTRUCTION AND GLASS AREA	5

EXTERIOR PAINT PROCESS

1. **RUSTPROOFING.** Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.
- * 2. **BODY PRIMERS.** Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.
- * 3. **SHEET METAL PRIMER** is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F. for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring lacquer.
4. **FLASH PRIMER AND PRIMER-SURFACER COATS.** An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.
5. **INITIAL SANDING.** Power wet sanding, followed by hand sanding is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.
6. **LACQUERING.** Three coats of acrylic lacquer are applied on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.
7. **INITIAL BAKING.** To harden the paint for two tone, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.
8. **FINAL BAKING.** To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 325 degrees F. Reheating the lacquer permits paint film to soften, allowing surface blemishes to disappear during the thermo-reflow process.
9. **UNDERCOATING.** To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.
10. **PAINT REPAIR AND PROTECTION.** Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

* Plants employing the Elpo Process (see Monza for description) preclude need for these priming steps.

EXTERIOR-INTERIOR COLORS

1979 CHEVROLET CHEVETTE "T" INTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM									
		Black		Light Blue		Willow Green	Camel Tan		Carmine		Oyster
		Vinyl	Cloth	Vinyl	Cloth	Vinyl	Vinyl	Cloth	Vinyl	Cloth	Cloth
Base - 1TJ00 Hatchback (08)	(A51) Bucket	\$ 17V/19V	\$ 17B/19B				62V	62B			
Standard - 1TB00 2-Dr. Hatchback (08)	(AR9) Bucket	\$ 17R/19R	\$ 17E/19E	24R	24E		62R	62E	74R		
4-Dr. Hatchback (68)	(AR9) Bucket	\$ 17W/19W	\$ 17D/19D	24W	24D		62W	62D	74W		
Deluxe Interior RPO B18 2-Dr. (08)	(AR9) Bucket		19C	24N	24C	44N	62N	62C	74N	74C	12C
4-Dr. (68)	(AR9) Bucket		19G	24Y	24G	44Y	62Y	62G	74Y	74G	12G

CLOTH AND VINYL USAGE

W, V & R - Rattan vinyl

D, B & E - Aztec, 903 WC, houndstooth cloth

Y & N - Patchwork vinyl

G & C - Cloud, 908 WC, woven cloth

§ -17 - Includes an Oyster headlining, sunshades, associated moldings, and assist handle on passenger side when specified.

Restricted to the following exterior colors: White, Lt. Blue Metallic, Pastel Green, Med. Beige, Bright Yellow.

19 - Restricted to the remaining exterior colors. No ZP2 override is authorized.

EXTERIOR-INTERIOR COLORS

1979 CHEVETTE TRI-TONE STRIPE PKG. (RPO DX5)

EXTERIOR COLOR		INTERIOR TRIM					
		Black	Light Blue	Willow Green	Camel Tan	Carmine	Oyster
		STRIPE COLOR					
White	11	Orange	Blue	Green	Gold	Red	Red
Silver Met.	15	Red	—	—	—	Red	Red
Black	19	Gold	Blue	Green	Gold	Red	Red
Lt. Blue Met.	22	Blue	Blue	—	—	—	—
Bright Blue Met.	24	Blue	Blue	—	—	—	Blue
Dk. Blue Met.	29	Blue	Blue	—	Gold	—	Blue
Pastel Green	40	Green	—	Green	—	—	—
Med. Green Met.	44	Green	—	Green	—	—	—
Bright Yellow	51	Orange	—	—	Orange	—	Orange
Med. Beige	61	Orange	—	Gold	Orange	Gold	—
Camel Met.	63	Gold	—	—	Gold	—	—
Dk. Brown Met.	69	Gold	—	—	Gold	—	Gold
Red	75	Orange	—	—	Gold	Orange	Orange
Carmine Met.	77	Orange	—	—	Orange	Orange	Orange

NOTE: These are the only combinations available – NO COLOR OVERRIDES ARE ALLOWED!

STRIPE COLOR RPO IDENTIFICATION

27A Blue
 49A Green
 54A Gold
 76A Red
 80A Orange

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.

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 HATCH DOOR

Type Double panel construction, rear hinged, pop-up springs over-center, prop rod holds hood open for engine compartment access, on hatch door RH, telescoping gas spring.
 Release Internal, lever located under instrument panel, left of steering column.

VENTILATION

High level Air Intake for Passenger Compartment Double wall plenum chamber
 Powered System Positive, low blower speed activated thru ignition switch.

SEATS

Type Bucket seats, full foam molded construction with integral head restraints. Folding rear seat standard equipment.

WINDSHIELD WIPERS AND WASHERS

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

HEADLIGHTS

Type Single rectangular lamps.

SPARE TIRE MOUNT

Location Under floor of luggage compartment
 Tools Bumper jack with combination lever handle and wheel nut wrench.

BODY GLASS VISIBILITY AREA

	MODELS	
	1TB08 - 1TJ08	1TB68
Windshield	6950 (1077.3 in. ²)	
Front Door Window	5695 (882.7 in. ²)	4805 (744.8 in. ²)
Rear Door Window	---	4848 (751.4 in. ²)
Rear Quarter Window	4781 (741.1 in. ²)	1140 (176.7 in. ²)
Rear Window	5422 (840.4 in. ²)	
Total Area (Sq. In.)	22848 (3541.5 in. ²)	23165 (3590.6 in. ²)

Type, Windshield Curved thin laminated plate
 Front Door Curved tempered safety plate
 Rear Quarter Windows Tempered Curved stationary
 (swing out optional)
 Rear hatch Tempered curved stationary

* Metric primary, English secondary.

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

FRAME AND FRONT SUSPENSION

FRAME

Description Unitized frame with crossmember reinforcement

FRONT SUSPENSION

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

Wheel Travel (design)

Total 179.1 mm (7.05 in.)
 Jounce 87.7 mm (3.45 in.)
 Rebound 91.4 mm (3.60 in.)
 Wheel to spring travel ratio 1.74

CONTROL ARMS

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

STEERING KNUCKLES

Description Forged steel with integral spindle, integral brake caliper mounting pads and integral steering knuckle arm.

Spindle Diameters

Inner bearing 26.9 mm (1.06 in.)
 Outer bearing 17.5 mm (0.69 in.)

Spindle Thread Size

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 1.0 in. (25.4 mm)

FRONT WHEEL ALIGNMENT (Design)

Caster (degrees) $P4^{\circ} 30' \pm 1^{\circ}$
 Camber (degrees) $P0^{\circ} 15' \pm 0^{\circ} 45'$
 Toe-In (total) $.06 + .08$ in. (1.5 ± 2.0 mm)
 Steering axis inclination 7.55° @ 30° camber

STABILIZER BAR

Type Link
 Material HR steel
 Diameter 22.1 mm (0.87 in.)
 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		HEIGHTS			
		mm	in.	mm	in.		N/mm	lbs./in.	Free		Working	
									mm	in.	mm @ N	in. @ lbs.
362191	ATB	2633.9	103.70	11.33	.446	8.62	22.7	130	355.5	14.00	209.3 @ 3314	8.24 @ 745
362192	ATC	2652.6	104.43	11.68	.460	8.65	25.2	145	351.3	13.83	209.3 @ 3581	8.24 @ 805
362193	ATD	2690.8	105.94	12.06	.475	8.74	28.0	160	347.6	13.69	209.3 @ 3870	8.24 @ 870
463871	AFK	2803.7	110.38	12.45	.490	9.07	30.0	170	347.6	13.69	209.3 @ 4148	8.24 @ 933
463872	AFM	2790.3	109.85	12.90	.508	8.99	34.5	195	338.9	13.34	209.3 @ 4471	8.24 @ 1005
463873	AFN	2605.0	102.56	13.83	.545	8.32	48.8	280	309.4	12.18	209.3 @ 4887	8.24 @ 1099
463874	AFR	2613.5	102.89	14.59	.574	8.28	59.4	340	300.7	11.84	209.3 @ 5428	8.24 @ 1220

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Wheel	
Type	Round with angled shroud
Diameter	381.0 mm (15.0 in.)
Column	Energy absorbing - mast jacket, tube and steering shaft designed to collapse under various front impact conditions.
Gear Type	Rack and pinion
Ratios, Gear	19.0:1
Ratios, Overall	18.4:1
Number of wheel turns, lock to lock	3.6
Linkage	Parallelogram type, ahead of front wheels
Turning Diameter - m (ft.)	
Model 08	
Outside front, wall to wall	10.5 (34.3)
curb to curb	9.2 (30.2)
Model 68	
Outside front, wall to wall	10.6 (34.9)
curb to curb	9.4 (30.8)

DRIVELINE

Propeller Shaft	Straight tube attached by universal joints to a solid steel pinion extension. A torque tube that houses the extension shaft is bolted to the differential housing.
Diameter (O.D.)	
Tube	50.8 mm (2.0 in.)
Shaft	23.0 mm (0.905 in.)
Wall Thickness	1.40 mm (0.055 in.)
Length (C/L of U joints)	
Tube	
4-Speed Manual	
Model 08	731.5 mm (28.8)
Model 68	808.2 mm (31.8)
Automatic Transmission	
Model 08	586.0 mm (23.1)
Model 68	662.2 mm (26.1)
Shaft	573.8 mm (22.6 in.)
Universal Joints	
Type	Cross
Number Used	Two
Bearings	Prepacked, anti-friction

WHEELS

Type	Short spoke spider
Rim Size	13 x 5 in.
Offset	37.0 mm (1.46 in.)
Attachment to Hub	
Type	4 hex nuts
Size	M12 x 1.5
Bolt circle diameter	100 mm (3.94 in.)

TIRES, STANDARD EQUIPMENT

Type	Glass belted radial
Size	P155/80R-13
Sidewall	
Base (1TJ08)	Blackwall
Base 1TB00, Opt. 1TJ08	White stripe
Static loaded radius	
Millimetres	296.4
Inches	10.67
Loaded rev/km @ 72 kmh	569
Loaded rev/mi @ 45 mph	916
Capacity @ 165.48 kPa	
Front	356 kg
Rear	371 kg
Capacity @ 24 PSI	
Front	786 lbs.
Rear	819 lbs.

TIRES, OPTIONAL EQUIPMENT

Type	Steel belted radial
Size	P155/80R-13
Sidewall	
Base	Blackwall
Optional	White stripe & white letter
Static loaded radius	
Millimetres	260.35
Inches	10.25
Loaded rev/km @ 72 kmh	569
Loaded rev/mi @ mph	916
Capacity	Same as standard

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 28.4 mm (1.12 in.)

Drive Pinion Bearing Adjustment Shim

Lubricant

Type GL-5 Gear lubricant

Viscosity 80W or 80W-90

Capacity 0.8 litres (1.75 pints)

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 165 mm (6.50 in.)

Axle Ratio

3.70 37, 10

4.11 37, 9

REAR SUSPENSION

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

Wheel Travel (Design)

Total 222 mm (8.74 in.)

Jounce 99.5 mm (3.92 in.)

Rebound 122.5 mm (4.82 in.)

Wheel to spring, travel ratio 1.205:1

SHOCK ABSORBERS

Type Direct, double acting hydraulic

Piston diameter 25.4 mm (1.0 in.)

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		HEIGHTS			
									Free		Working	
		mm	in.	mm	in.		mm	in.	mm @ N	in. @ lbs.		
354159	NAM	2301.9	90.63	13.19	.519	8.59	26.2	150	317.1	12.48	233.7 @ 1655	9.20 @ 320
354183	NAL	2301.9	90.63	13.19	.519	8.59	26.2	150	328.1	12.92	233.7 @ 1875	9.20 @ 421
354188	NAN	2301.9	90.63	13.19	.519	8.59	26.2	150	339.1	13.35	233.7 @ 2095	9.20 @ 471
370934	NCR	2301.9	90.63	13.19	.519	8.59	26.2	150	350.1	13.78	233.7 @ 2315	9.20 @ 520
463815	NHC	2298.6	90.50	13.48	.531	8.59	31.1	178	350.0	13.78	233.7 @ 2535	9.20 @ 570

BRAKES

GENERAL	Type		Front - Disc; Rear - Drum	
	System		Manual - Standard	Power - Optional
			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 - Disc		245.87 x 11.0 mm (9.68 x 0.44 in.)	
	Lining Material		Molded composition	
	Method of attachment		Integral bonding	
	Lining size (length x width x thickness)	Inboard	114.0 x 34.0 x 9.40 mm (4.49 x 1.34 x .370 in.)	
		Outboard	114.0 x 30.0 x 9.40 mm (4.49 x 1.18 x .370 in.)	
	Lining area		0.020 sq. m (31.30 sq. in.)	
	Effective area		0.020 sq. m (31.30 sq. in.)	
	Swept area		0.095 sq. m (192.0 sq. in.)	
Piston diameter		47.62 mm (1.875 in.)		
Rear Brakes	Type		Drum - composite web cast into rim	
	Material		Web - HR steel; Rim - Cast alloy iron	
	Diameter and Width - Drum		200.15 x 44.4 mm (7.88 x 1.75 in.)	
	Lining material		Molded composition	
	Method of attachment		Primary - bonded; Secondary - riveted	
	Lining size (length x width x thickness)	Primary	190.0 x 44.5 x 6.40 mm (7.48 x 1.75 x 0.252 in.)	
		Secondary	190.0 x 44.5 x 6.40 mm (7.48 x 1.75 x 0.252 in.)	
	Lining area		0.032 sq. m (50.36 sq. in.)	
	Effective area		0.033 sq. m (51.46 sq. in.)	
Swept area		0.057 sq. m (87.70 sq. in.)		
Piston diameter		19.05 mm (0.75 in.)		
Apply System	Master cylinder diameter		19.05 mm (0.75 in.)	
	Piston travel		31.09 mm (1.224 in.)	
	Pedal travel		194.3 mm (7.65 in.)	169.9 mm (6.69 in.)
	Pedal ratio		5.8:1	4.75:1
	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		0.033 sq. m (51.46 sq. in.)	

BULBS AND LAMPS

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Automatic transmission quadrant	1-194	2
Back-up	2-1156	32
Brake warning, Parking	1-194	2
Courtesy lamp	2-631	6
Directional signal indicators	2-194	2
Direction signal rear lamp	2-1156	32
Dome lamp	1-561	12
Rear Compt. Courtesy	1-561	12
Engine warning	1-194	2
Generator indicator	1-194	2
Glove compartment lamp	1-1891	2
Headlamp	2-6012	High beam 60W
		Low beam 50W
Headlamp hi-beam indicator	1-194	2
Heater or A/C control	1-194	2
Instrument cluster	6-194	2
Instrument cluster	1-161	1
	5-194	2
License plate, rear	2-194	2
Oil pressure indicator	1-194	2
Parking		
Park	2-1157	3
Turn		32
Radio - RPO U69	1-1893	2
RPO U63	2-37	5
Seat belt warning	1-168	2
Side marker - front	2-194	2
Side marker - rear	2-194	2
Tail		
Tail	2-1157	3
Stop and turn		32
Temperature indicator	1-194	2
Underhood lamp	1-93	15
W/S Washer & Light Switch Indicator	1-194	2

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT *
Air Conditioning	30 amp fuse	In line
	20 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 heater	20 amp fuse	Fuse panel
Cigarette lighter	20 amp fuse	Fuse panel (e)
Clock	20 amp fuse	Fuse panel (e)
Courtesy lamp	20 amp fuse	Fuse panel (e)
Defogger, electric rear	10 amp fuse	Fuse panel (c)
Direction signal indicator lamps	20 amp fuse	Fuse panel (b)
Dome lamp	20 amp fuse	Fuse panel (e)
Dome and reading lamp	20 amp fuse	Fuse panel (e)
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)
Headlamp buzzer	10 amp fuse	Fuse panel (c)
Headlamps	Circuit breaker	Light switch
Headlamp hi-beam indicator lamp	Circuit breaker	Light switch
Heater control lamp	4 amp fuse	Fuse panel (f)
Heater	20 amp fuse	Fuse panel (h)
Idle stop solenoid	10 amp fuse	Fuse panel (g)
Instrument cluster lamps	4 amp fuse	Fuse panel (f)
Key warning buzzer	20 amp fuse	Fuse panel (e)
License plate lamp	20 amp fuse	Fuse panel (d)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (c)
Park and turn lamp	20 amp fuse	Fuse panel (d)
Pulse wiper system	10 amp fuse	Fuse panel (h)
Radio	10 amp fuse	Fuse panel
Radio lamp	4 amp fuse	Fuse panel (f)
Seat belt warning lamp	10 amp fuse	Fuse panel (c)
Seat belt warning buzzer	10 amp fuse	Fuse panel (c)
Side marker lamps	20 amp fuse	Fuse panel (d)
Stop and turn lamp	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)
Underhood lamp	20 amp fuse	Fuse panel (e)
Windshield wiper	25 amp fuse	Fuse panel (j)
Windshield wiper light	4 amp fuse	Fuse panel (f)

* Letter suffix indicates same circuit

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POWER TRAINS

POWER TEAM COMBINATIONS	2
POWER TEAM MULTIPLICATION FACTORS	2
ENGINE DATA AND RATINGS	3
ENGINE SPEED AND PISTON TRAVEL	3
VEHICLE PERFORMANCE FACTORS	4
PRINCIPAL COMPONENTS	5
FUEL SYSTEM	10
EXHAUST SYSTEM	10
EMISSION CONTROL EQUIPMENT	11
LUBRICATION SYSTEM	12
COOLING SYSTEM	12
ELECTRICAL SYSTEM	13
CLUTCHES	14
4-SPEED MANUAL TRANSMISSION	14
THREE-SPEED AUTOMATIC TRANSMISSION	15

POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS			RING GEAR mm (in.)	L.W. CLASS Kg (lbs.)
			ALL STATES		WITH ALT. RPO NA6		
			BASE	OPTION			
1.6 Litre L4 (98.0 Cu. In.) (L17) Base - All States	4-Speed (3.75 low)	All Models	3.70	-	4.11	165 (6.50)	1022 (a)
	3-Speed Automatic						1135 (b)
1.6 Litre L4 High Output (L18) (98.0 Cu. In.) Optional - All States	4-Speed (3.75 low)	All Models	3.70	-	-	165 (6.50)	1022 (a)
	3-Speed Automatic (c)						1135 (b)

(a) 2-Door Coupe

(b) 4-Door Sedan

(c) Not available in California.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSION

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION					AXLE RATIO
			1st	2nd	3rd	4th	Rev.	
1.6 Litre L-4 (98.0 Cu. In.)	2-Barrel	4-Speed	13.87	7.99	5.11	3.70	14.13	3.70
1.6 Litre L-4 (98.0 Cu. In.)	2-Barrel	4-Speed	15.41	8.88	5.67	4.11	15.70	4.11

WITH AUTOMATIC TRANSMISSION

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION	AXLE RATIO
1.6 Litre L-4 (98.0 Cu. In.)	3-Speed Automatic	Drive	19.54:1 - 3.70:1	3.70:1
		Second	19.54:1 - 5.48:1	
		Low	19.54:1 - 8.88:1	
		Reverse	15.63:1 - 7.10:1	
1.6 Litre L-4 (98.0 Cu. In.)	3-Speed Automatic	Drive	21.70:1 - 4.11:1	4.11:1
		Second	21.70:1 - 6.08:1	
		Low	21.70:1 - 9.86:1	
		Reverse	17.36:1 - 7.89:1	

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type		1.6 Litre L4-In-Line OHC	
Piston Displacement	Litres	1.6	
	Cubic Inch	98.0	
Availability		RPO L17	RPO L18
Number of Cylinders		Four	
Bore and Stroke	Millimetres	82.0 x 75.7	
	Inches	3.228 x 2.98	
Compression Ratio		8.6:1	
Taxable (SAE)	Kilowatts	12.5	
	Horsepower	16.7	
Firing Order		1-3-4-2	
Idling Speed	Manual (In Neutral)	800	
	Automatic (In Drive)	800	
Compression Press. @ Cranking Speed, Engine Hot		1000	
Power Plant Mounting	Kilopascals	145	
	Pounds/Square Inch	Two front and one rear	
Measurements	Length (a)	590.86 millimetres - 23.26 inches	
	Height (b)	659.74 millimetres - 25.97 inches	
	Width (c)	448.50 millimetres - 17.66 inches	

ADVERTISED ENGINE RATING

Engine - 1.6 Litre L-4		Base - RPO L17	Optional - RPO L18
Net Brake @ RPM	Kilowatts	52 @ 5200	55 @ 5200
	Horsepower	70 @ 5200	74 @ 5200
Net Torque @ RPM	Newton/metre	111 @ 2400	119 @ 3800
	Pound/Foot	82 @ 2400	88 @ 2800

ENGINE SPEED AND PISTON TRAVEL

Engine		1.6 Litre L-4		
Transmission		4-Speed	3-Speed Automatic	
Rear Axle Ratio		3.70:1		
Tire Size		P155/80R-13		
Crankshaft Revolutions per	Kilometre	2105.3		
	Mile	3389.2		
Crankshaft RPM @ Mile per hour and 1 Kilometre per hour	Low	km/h	81.8	52.3
		m/h	211.9	135.6
	Second	km/h	47.1	32.3
		m/h	122.0	83.6
	Third	km/h	30.1	21.8
		m/h	78.0	56.5
	Fourth	km/h	21.8	-
		m/h	56.5	-
	Reverse	km/h	83.3	41.9
		m/h	215.8	108.5
	Piston Travel	Millimetre/Kilometre	1045.7	
		Feet/Mile	1683.3	

- (a) Fan to rear of engine block.
- (b) Top of air cleaner to bottom of oil pan.
- (c) Across inlet and exhaust manifold pipes.

VEHICLE PERFORMANCE FACTORS

ENGINE	1.6 LITRE L-4 (98.0 CU. IN.) 52 KW 70 HP		1.6 LITRE L-4 (98.0 CU. IN.) 55 KW 74 HP
MODEL	1TJ08	1TB08	1TB68

4-SPEED TRANSMISSION

Performance	Mass – kilograms	1174	1196	1232
	Weight – pounds	2587	2636	2716
Kilograms per net kilowatt		22.58	23.0	22.4
Pounds per net horsepower		36.96	37.65	36.7
Kilograms per litre displacement		733.7	747.5	770.0
Pounds per cubic inch displacement		26.40	26.90	27.71
Net kW per litre displacement		32.5	32.5	34.38
Net HP per cubic inch displacement		.714	.714	.755
Power	litre/kilometre	59.51	59.51	59.51
Displacement	Cubic foot/mile	96.11	96.11	96.11
Displacement	litre/tonne kilometre	46.01	45.15	43.82
Factor	Cubic foot/ton mile	74.30	72.92	70.77

3-SPEED AUTOMATIC TRANSMISSION

Performance	Mass – kilograms	1192	1214	1250
	Weight – pounds	2628	2676	2756
Kilograms per net kilowatt		22.92	23.35	22.73
Pounds per net horsepower		37.54	38.23	37.24
Kilograms per litre displacement		745.0	758.8	781.3
Pounds per cubic inch displacement		26.82	27.31	28.12
Net kW per litre displacement		32.5	32.5	34.38
Net HP per cubic inch displacement		.714	.714	.755
Power	litre/kilometre	59.51	59.51	59.51
Displacement	cubic foot/mile	96.11	96.11	96.11
Displacement	litre/tonne kilometre	45.29	44.48	43.19
Factor	cubic foot/ton mile	73.14	71.83	69.75

GLOSSARY

(English equivalent is bracketed)

Mass (Performance Weight)	Mass (Curb Weight) plus average weight of four passengers – 272.2 kg (600 lbs.)
Power Displacement	$\frac{\text{Revs/km (Crankshaft Revs/Mi x Piston Displacement)}}{2 \times 28.3 \text{ cu. litres (2 x 1728 cu. in.)}}$
Displacement Factor	$\frac{\text{Power Displacement}}{\text{Performance Weight – Mass (tonnes) (tons)}}$

PRINCIPAL COMPONENTS

CYLINDER BLOCK

Material	Cast alloy iron
Bore Diameter	
Millimetres	82
Inches	3.228
Bore Spacing (C/L to C/L)	
Millimetres	91
Inches	3.6
Bearing Caps	5-cast iron 2-bolt attachment
Water Jackets	Full length around each cylinder

CYLINDER HEAD

Material	High chrome cast alloy iron
Construction	Overhead camshaft - cross flow head - induction hardened exhaust valve seats.
Number of bolts	10
Bolt size	
Millimetres	11.0; 16.5/mm
Inches	.4330; 16 threads/inch

COMBUSTION CHAMBER VOLUME

Total chamber volume of assembled engine with piston at top center	
Litres	.053
Cubic Inches	3.23

INLET MANIFOLD

Material	Aluminum
Type	4 branch, water heated

EXHAUST MANIFOLD

Material	Cast nodular iron
Type	
RPO L17	Single exhaust pipe take down
RPO L18	Dual exhaust pipe takedown
Outlet Diameter - mm (in.)	
RPO L17	55.9 (2.20)
RPO L18	39.0 (1.54)

CRANKSHAFT

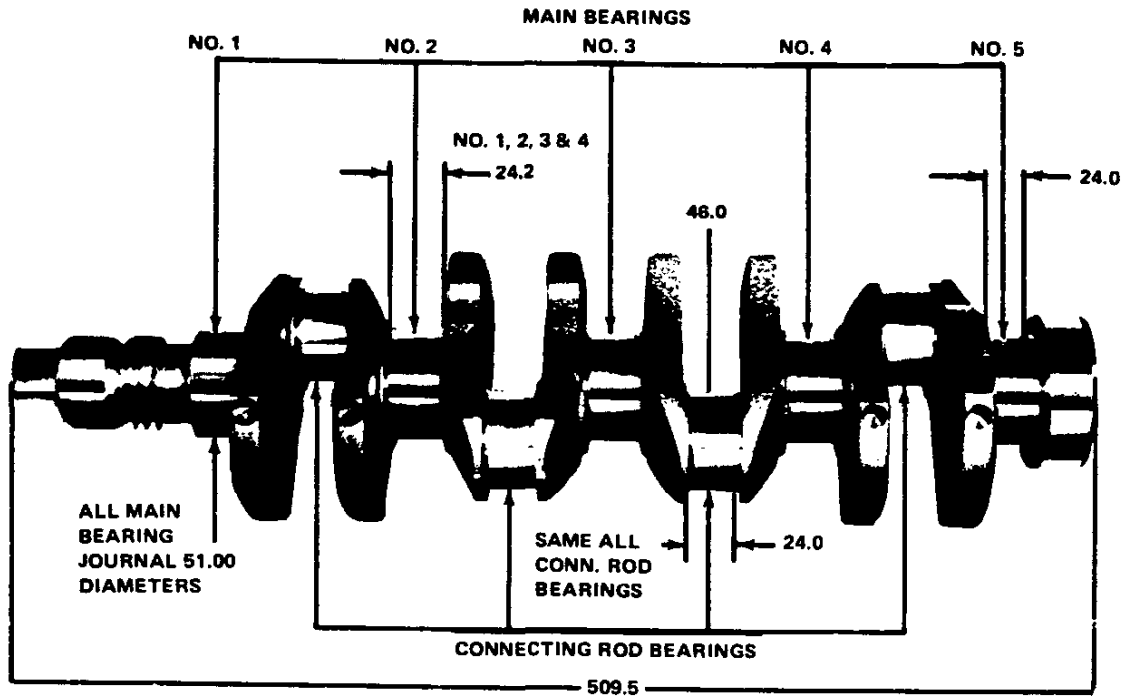
Material	Cast nodular iron
Counter Weights	4
Crankarm Length	
Millimetres	37.8
Inches	1.49
Thrust against bearing No. 5	
End play	
Millimetres	0.10-0.20
Inches	.004-.008
Drive Gear	
Material	Sintered iron sprocket
Pitch Diameter	
Millimetres	57.73
Inches	2.273
Width	
Millimetres	23.45-23.65
Inches	.923-.931
No. of teeth	19

MAIN BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance	
Millimetres	.008-.074
Inches	.0003-.0029
Theoretical Inner Diameter	
Millimetres	51.37
Inches	2.0226
Effective Length	
No. 1, 2, 3 & 4	
Millimetres	18.59
Inches	.732
No. 5	
Millimetres	14.53
Inches	.572

PRINCIPAL COMPONENTS

1.6 LITRE L-4 CRANKSHAFT AND BEARINGS



NOTE: Dimensions are shown in millimeters.

PRINCIPAL COMPONENTS

CAMSHAFT

Location In cylinder head
 Type of drive Fiberglass reinforced rubber
 timing belt with cast iron drive sprockets

Sprocket

Diameter
 Millimetres 110.67
 Inches 4.357

Width

Millimetres 20.5
 Inches807

Number of teeth 38

Timing belt

Width

Millimetres 19.1
 Inches 0.75

Number of teeth 99

Pitch

Millimetres 9.54
 Inches375

VALVE TRAIN

Type Direct action, cam lobes drive tappets

Valve Tappets Hydraulic valve lash adjuster

Lobe Lift - RPO L17

Millimetres 5.893 Inlet & Exhaust

Inches 0.2320 Inlet & Exhaust

Lobe Lift - RPO L18

Millimetres 6.116 Inlet & Exhaust

Inches 0.2407 Inlet & Exhaust

Valve Lift

Millimetres 9.819 Inlet & Exhaust

Inches3866 Inlet & Exhaust

VALVE SPRINGS

Type Single spring with no damper

Diameter (I.D.)

Millimetres 25.0

Inches984

Free length

Millimetres 38.23

Inches 1.505

Installed length

Valves closed

Newtons @ millimetres 284.0-320.0 @ 32.0

Pounds @ inches 64-72 @ 1.26

Valves opened

Newtons @ millimetres 743.0-797.0 @ 22.5

Pounds @ inches 167-179 @ .886

VALVE TIMING (RPO L17)

(Crankshaft Degrees - Excluding Ramps)

Inlet Valve

Opens - BTC 28°

Closes - ABC 76°

Duration 284°

Exhaust Valve

Opens - BBC 72°

Closes - ATC 32°

Duration 284°

VALVE TIMING (RPO L18)

Inlet Valve

Opens - BTC 31°

Closes - ABC 73°

Duration 284°

Exhaust Valve

Opens - BBC 69°

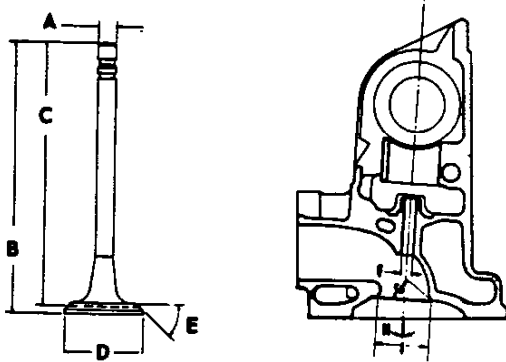
Closes - ATC 35°

Duration 284°

PRINCIPAL COMPONENTS

VALVES - INLET

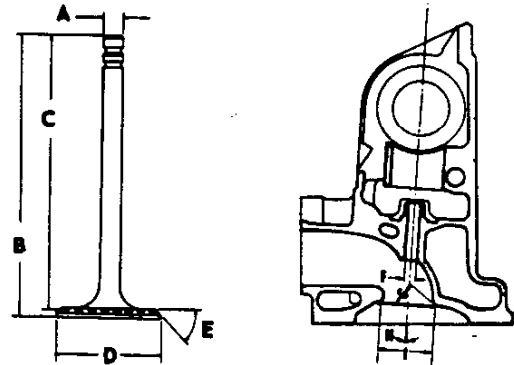
Material High alloy steel
 Coating Aluminized head and seats
 Stems Chrome flash



A - Stem Diameter	
Millimetres	7.972-7.985
Inches	.3138-.3144
B - Overall Length	
Millimetres	98.245-98.755
Inches	3.868-3.888
C - Gage Length	
Millimetres	96.375-96.625
Inches	3.794-3.804
D - Overall Head Diameter	
Millimetres	38.87-39.13
Inches	1.5303-1.5405
E - Angle of Face	45°
F - Guide Diameter	
Millimetres	8.016-8.024
Inches	.3156-.3159
G - Angle of Seat	46°
H - Valve Angle	9°
I - Valve Seat Diameter	
Millimetres	45.0
Inches	1.772

VALVE - EXHAUST

Material High alloy steel with stellite seat
 Stems Full chrome



A - Stem Diameter	
Millimetres	7.952-7.965
Inches	.3130-.3136
B - Overall Length	
Millimetres	98.695-99.205
Inches	3.886-3.906
C - Gage Length	
Millimetres	96.375-96.625
Inches	3.794-3.804
D - Overall Head Diameter	
Millimetres	31.87-32.13
Inches	1.2547-1.2650
E - Angle of Face	45°
F - Guide Diameter	
Millimetres	8.016-8.024
Inches	.3156-.3159
G - Angle of Seat	46°
H - Valve Angle	9°
I - Valve Seat Diameter	
Millimetres	37.0
Inches	1.457

PRINCIPAL COMPONENTS

PISTONS

Material	Cast aluminum alloy
Head Type	
RPO L17 & L18	Sump
Skirt	Iron plated open skirt
Top land clearance	
Millimetres	0.65-0.89
Inches	.0256-.0350
Skirt clearance	
Millimetres	.020-.040
Inches	.0008-.0016
Compression ring groove depth	
Millimetres	4.167-4.407
Inches	.1641-.1735
Oil ring groove depth	
Millimetres	5.017-5.257
Inches	.1975-.2070
Pin bore offset	
Millimetres	0.80
Inches	0.031
Compression height	
Millimetres	38.0
Inches	1.50

PISTON PINS

Material	Chromium steel
Pin mounting	Locked in rod by shrink fit
Length	
Millimetres	69.7-70.3
Inches	2.7440-2.767
Diameter	
Millimetres	22.992-22.995
Inches	.9052-.9053
Clearance in piston	
Millimetres	.003-.007
Inches	.00012-.00027

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	
Millimetres	122.0
Inches	4.803

CONNECTING ROD BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance	
Millimetres	0.033-1.52
Inches	.013-.060

CONNECTING ROD BEARINGS (Continued)

Theoretical diameter	
Millimetres	46.014
Inches	1.812
Effective length	
Millimetres	20.779
Inches	.818
End play	
Millimetres	0.10-0.30
Inches	.004-.012

COMPRESSION RINGS - UPPER

Material	Nodular iron
Type	Inside bevel, barrel face
Coating	Moly channel
Width	
Millimetres	1.943-1.969
Inches	.0765-.0775
Wall thickness	
Millimetres	3.48-3.72
Inches	.137-.146
Gap	
Millimetres	0.23-0.46
Inches	.009-.018

COMPRESSION RINGS - LOWER

Material	Cast alloy iron
Type	Inside bevel; reverse twist
Coating	Wear resistant
Width	
Millimetres	1.959-1.984
Inches	.0771-.0781
Wall thickness	
Millimetres	3.48-3.72
Inches	.137-.146
Gap	
Millimetres	0.23-0.48
Inches	.009-.019

OIL CONTROL RINGS

Type	Multi-piece (two rails and one-spacer)
Material	
Rails	Steel
Spacer	Stainless steel
Rail coating	Chrome plated
Width (assembled)	
Millimetres	3.98-4.03
Inches	.1566-.1586
Gap	
Millimetres	0.38-1.40
Inches	.015-.055

FUEL AND EXHAUST SYSTEM

FUEL SYSTEM

FUEL TANK

Capacity - approximately 47.3 litres (12.5 gals.)
 Location Under compartment load floor
 Filler Location Left rear quarter

FUEL FILTERS - DUAL

In fuel tank Mesh strainer
 In carburetor Inlet Paper element

FUEL PUMP

Type Mechanical
 Location Lower left front of engine
 Pressure Range
 Kilopascals 34.5-44.8
 Pounds/square inch 5.00-6.50

CHOKE

Type Electric

AIR CLEANER

Type Ducted outside air,
 replaceable paper element, single snorkel, Thermac
 Filter element Oil-wetted paper

CARBURETORS

Base - RPO L17 2-stage; 2-barrel
 Optional - RPO L18 2-stage; 2-barrel
 SAE Flange Size
 Millimetres 31.75
 Inches 1.25
 Throttle bore
 RPO L17 & L18
 Millimetres 36.51
 Inches 1.44
 Venturi Diameter
 RPO L17 & L18
 Millimetres 31.75
 Inches 1.25

EXHAUST SYSTEM

TYPE Single exhaust with converter
 and separate resonator with RPO L18

MUFFLERS

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

	Dimensions	
	mm	in.
Head-aluminized steel	1.42	.056
Shell-aluminized steel	0.79	.031
Wrap-asbestos sheet	0.80	.032
Cover-aluminized steel	0.43	.017
Length-body	330.0	13.0
Height-L.D.	101.5	4.0
Width-L.D.	197.0	7.75

RESONATOR (RPO L18)

Type Bottle type
 Material Aluminized steel

EXHAUST PIPE TO CONVERTER

Material Aluminized steel tubing
 Dimension (O.D. wall thickness)
 Millimetres 44.45 x 0.91
 Inches 1.75 x .036

EXHAUST PIPE - CONVERTER TO MUFFLER

Dimension (O.D. wall thickness)
 Millimetres 50.8 x 1.83
 Inches 2.00 x .072

PIPE MUFFLER TO RESONATOR (RPO L18)

Dimension (O.D. wall thickness)
 Millimetres 44.45 x 1.83
 Inches 1.75 x .072

TAIL PIPE

Type Single
 Material Aluminized steel tubing
 Dimensions (O.D. x wall thickness)
 Millimetres 44.45 x 1.83
 Inches 1.75 x .072

EMISSION CONTROL EQUIPMENT

SYSTEM APPLICATION

System Type	Engine Adaptation	
	1.6L (RPO L17)	1.6L (RPO L18)
COA - Carburetor Outside Air	a, b, c	a, c
CTS - Cold Trapped Spark	a, b, c	a, c
T-CHA - Trapped-Carburetor Hot Air	a, b, c	a, c
EGR - Exhaust Gas Recirculation	a, b, c	a, c
FEC - Fuel Evaporation Control	a, b, c	a, c
PCV - Positive Crankcase Ventilation	a, b, c	a, c
UFC - Under Floor Converter	a, b, c	a, c
PAI - Pulse Air Injection	b, c	c
EFE - Early Fuel Evaporation	-	c

- a - 49 states without Altitude RPO NA6
 b - 49 states with Altitude RPO NA6
 c - California

BASIC FUNCTION OF SYSTEMS

CARBURETOR OUTSIDE AIR

Duct work connecting air cleaner snorkel to air source outside of engine compartment. Provides cooler outside air to CHA system for improved performance after engine warm-up.

COLD TRAPPED SPARK

Maintains distributor spark advance during heavier load accelerations for improved engine warm-up.

TRAPPED-CARBURETOR HOT AIR

Check valve added to CHA system to delay damper valve opening to cold air source during large throttle settings for improved driveability during warm-up.

EXHAUST GAS RECIRCULATION SYSTEM

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

FUEL EVAPORATION CONTROL SYSTEM

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

POSITIVE CRANKCASE VENTILATION

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

UNDERFLOOR CATALYTIC CONVERTER

A device placed in the exhaust system containing the catalytic bed through which exhaust gasses are passed. The catalyst may be configured to cause both a reduction and oxydation reaction, or an oxydation reaction only.

PULSE AIR INJECTION

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

EARLY FUEL EVAPORATION

A thermostatically controlled system designed to supply hot exhaust gasses to heat carburetor base and inlet manifold during early stages of cold engine operation. Improves cold engine driveability during warm-up.

LUBRICATION AND COOLING SYSTEM

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Piston Pins	Splash
Cylinder walls	Splash
Camshaft bearings	Pressure
Tappets	Pressure
Connecting Rods	Pressure
Oil pressure sending unit	Electric
Oil Filler	
Cap	Positive Seal
Location	Right hand center at rocker cover

OIL PUMP

Type	Gear driven by distributor shaft outside gear;
Regulator Valve (opens between)	
Newtons	177.92-200.16
Pounds	40-45
Oil Pressure @ 2000 Engine RPM	
Kilopascals	379
Pounds/square inch	55

OIL FILTER

Type	Full flow throwaway type
Location	Lower front-left side
Capacity	0.275 litres (.292 qts.)
By pass valve	Opens between 10-12 PSI (68.9-82.7 kPa) drop in pressure

LUBRICANT GRADES AND TEMPERATURES

-6.6°C and Above (20°F and Above)	10W30, 10W40, 20W-20, 20W-40, 20W-50
-17.7° to 15.5°C (0 to 60°F)	10W, 5W-30, 10W-30, 10W-40
Below -6.6°F (Below 20°F)	5W-20, 5W-30

OIL PAN

Capacity	
Refill	3.8 litres (4.0 qt.)
Refill with filter change	4.075 litres (4.292 qt.)
Type of drain plug	Hex head
Drain plug location	Right side bottom rear of pan

COOLING SYSTEM

GENERAL

Type	Pressure, vented thru coolant recovery system
Capacity	
Manual Transmission	8.66 litres (9.2 qts.)
Automatic Transmission	8.56 (9.0 qts.)

RADIATOR

Type	Tube and center; cross flow
Distance between fins	
Manual or Auto.	
Base	4.06 mm (.16 in.)
A/C or H.D.	4.06 mm (.16 in.)
A/C & H.D.	3.56 mm (.14 in.)
Distance between tubes	14.0 mm (.55 in.)
Core thickness	31.5 mm (1.24 in.)
Front area	
Base	1142 cm ² (177 in. ²)
A/C	1600 cm ² (248 in. ²)
H.D.	1600 cm ² (248 in. ²)
Radiator cap relief valve	Opens at approximately 103.4 kPa (15 psi)

THERMOSTAT

Type	Pellet
Begins to open	86-90°C (187-194°F)
Fully opened	104.3°C (227°F)

RADIATOR HOSE

Outlet, Lower (Radiator to Water Pump)	
Type	One, molded
Inside diameter	44.4 mm (1.75 in.)
Inlet, Upper (Thermostat Housing)	
Type	One, molded
Inside diameter	31.8 mm (1.25 in.)

FAN

Number of Blades	4, staggered
Material	Plastic
Diameter	330.0 mm (13 in.)

WATER PUMP

Type	Centrifugal, die cast aluminum housing
Capacity @ 2000 Engine RPM	
Litres per minute	47.7
Gallons per minute	12.6
Drive	Fan belt

DRAIN LOCATIONS

Engine block	Plug; right rear of block
Radiator-Petcock	Lower, right bottom face

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Type Freedom side terminal
 Voltage Rating & Watts
 With 4-Speed Manual Transmission 12; 2500
 With Automatic Transmission 12; 3200
 Cold Cranking Rating (Reserve Capacity)
 2500 Watt 60 minute
 3200 Watt 80 minute
 Terminal Grounded Negative
 Location R.H. front side of engine compartment

GENERATOR

Type Diode rectified with integral regulator
 Rating
 Amps 32
 Volts 12
 Drive By fan belt
 Pulley Pitch Diameter 61.7 mm (2.43 in.)
 Ratio (Gen. to Engine Speed) 2.73:1

REGULATOR

Type Micro-circuit unit, integral with generator
 Voltage Regulator
 Voltage 13.8-14.8 @ 29.4°C (85°F)

IGNITION SYSTEM

DISTRIBUTORS Refer to chart below

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View) Clockwise
 Test Conditions Engine at operating temperature
 No Load Test
 Amps 58-80
 Volts 10.6
 RPM 6750-10500
 Motor Drive
 Engagement Solenoid
 Pinion Meshes at Rear
 Pinion Tooth No. 9
 Flywheel Tooth No. 153
 Mounting Bolted to clutch housing

COIL

Type Mounted on case
 Amperes Drawn
 Engine Stopped25
 Engine Idling 1.5

SPARK PLUGS

Make & Type R43TS
 Thread Size (mm) 14
 Gap 0.89 mm (.035 in.)
 Torque 9-20 N·m (7-15 lb. ft.)

CABLE Fiberglass core impregnated with electrical conducting material and insulation of rubber

DISTRIBUTORS	1.6 Litre L-4 RPO L17				1.6 Litre L-4 RPO L18			
	1110744	(1110742)	1110740	(1110760)	1110743	(1110759)	1110740	(1110741)
Type	High Energy Ignition (H.E.I.)							
Centrifugal Advance begins @ RPM	0 @ 1200		0 @ 1520		0 @ 1200		0 @ 1520	
Max. Degrees @ RPM	20 @ 4800		16 @ 3250	16 @ 5250	24 @ 5700	24 @ 3700	16 @ 3250	16 @ 5250
Vacuum Advance begins @ kPa	0 @ 13.5	0 @ 16.9	0 @ 13.5	0 @ 16.9	0 @ 13.5			
Max. degrees @ kPa	30 @ 33.8	16 @ 38.8	30 @ 33.8	16 @ 38.8	30 @ 33.8	18 @ 25.3	30 @ 33.8	14 @ 27.0
Timing (Initial design setting)	12° BTC							
Crankshaft deg. @ RPM (w/vacuum line disconnected)	18° BTC							
Timing Mark Location	Crankshaft pulley							

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine		1.6 Litre L-4		
Clutch for		4-Speed		
Type		Single dry disc centrifugal		
Clutch cover & pressure plate	Eff. plate load	399.2 kg (880 lbs.)		
	Press. plate matl.	Cast alloy 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	4 coil springs		
	Friction rings	OD	180.01 mm (7.087 in.)	
		ID	130.99 mm (5.157 in.)	
		Total area	239.5 cm ² (37.12 in. ²)	
Material		Woven type asbestos		
Flywheel	Flywheel	Material	Nodular iron	
		Material	Heat treated HR steel	
	Ring gear	No. of teeth	142	
		PD	300 mm (11.81 in.)	
		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-SPEED TRANSMISSION

Transmission Type		4-Speed		
Case material		Aluminum		
Gear Shift	Type	Remote		
	Control	Lever		
	Location	Floor console, mounted between seats		
Gears	Type	Helical		
	Material	Forged steel, hardened		
	Synchronization	All forward gears		
	Constant mesh gear	All forward gears		
	Sliding gears	Reverse		
	Ratios	First	3.75	
		Second	2.16	
		Third	1.38	
Fourth		1.00		
Reverse		3.82		
Lubricant	Type	GL-5 Gear lubricant (80W or 80W-90)		
	Capacity	1.7 litres (3 pints)		
Extension	Material	Aluminum		
	Oil Seal	Steel encased seal of spring loaded silicone		

TRANSMISSIONS

THREE-SPEED AUTOMATIC TRANSMISSION

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
Flywheel assembly		Steel stamping with welded on ring gear	
Hydraulic System	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
	Pressure modulated by mechanical throttle linkage		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	40-60
		L2	85-105
L1		85-105	
Reverse		90-110	
Converter Assembly	Pump (Drive member)		Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing
	Turbine (Driven member)		Steel axial flow blades assembled between inner & outer steel shells
	Stator assembly		Aluminum multivane type blades mounted on a one way (overrunning) roller clutch
	Stall ratio		2.2
	Stall speed (RPM)		2350
	Diameter (nominal)		228.6 mm (9.0 in.)
Planetary Gear Set	Reaction carrier assembly		2 steel pinion gears
	Output carrier assembly		2 steel pinion gears
	Intermediate band		Circular steel with organic lining
	Range	D (Drive)	2.40 - 1.48 - 1.00
		L2 (Low two)	2.40 - 1.48
		L1 (Low one)	2.40
		R (Reverse)	1.92
Servo Unit		Piston with release spring and inner cushion spring	
Case	Material		Aluminum
	Type		Three, multiple disk
Clutches	Material	Drive plates	Steel with bonded organic facings
		Driven plates	Flat steel
	Forward clutch		3 each drive & driven plates
	Direct clutch		3 each drive & driven plates
	Low & Reverse clutch		4 each drive & 3 driven plates
	Release spring		Radial row steel coil
Torque Multiplication	Drive (maximum)		5.28:1 - 1.00
	Low 2		5.28:1 - 1.48
	Low 1		5.28:1 - 2.40
	Reverse		4.22:1 - 1.92
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	Dry	7.39 litres (13 pints)
		Refill	3.98 litres (7 pints)

(a) Floor mounted automatic mini-console available as an option.

(b) Conditions 600 RPM input.



1979



Specifications Form Passenger Car

Manufacturer Chevrolet Motor Division General Motors Corporation	Car Line CHEVETTE		
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090	<table border="0"> <tr> <td data-bbox="889 1633 1214 1770"> Model Year 1979 </td> <td data-bbox="1214 1633 1455 1770"> Issued: September, 1978 Revised (*) February, 1979 </td> </tr> </table>	Model Year 1979	Issued: September, 1978 Revised (*) February, 1979
Model Year 1979	Issued: September, 1978 Revised (*) February, 1979		

Pages revised; 2, 3, 8, 15, 24, 27, 29, 30

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

MVMA Specifications Form

Passenger Car

Table of Contents

1	Car Models
2	Power Teams
3-7	Engine
7	Exhaust System
8	Fuel System
9	Cooling System
10, 11	Vehicle Emission Control
12-14	Electrical
15-17	Drive Units
18	Tires and Wheels
18, 19	Brakes
20	Steering
21	Suspension—Front and Rear
22	Body—Miscellaneous Information
22	Frame
23	Convenience Equipment
24	Vehicle Mass (Weights)
25	Optional Equipment Mass (Weights)
26-30	Car and Body Dimensions—including Fiducial Marks, Glass, Lamps and Headlamp Shape
31-35	Car and Body Dimension Key Sheets
36	Index

NOTE:

1. This form uses both SI metric units and U.S. Customary units. The Metric unit of measurement is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimetres (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
4. A printed or computer tape supplement containing additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications Form
Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Car Models

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car line, Series, Body Type (Mfg's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load— Kilograms (Pounds)
CHEVETTE	MODELS	FRONT	REAR	
2-Door Hatchback Coupe	1TB08	2	2	
2-Door Hatchback Coupe	1TJ08	2	2	
4-Door Hatchback Sedan	1TB68	2	2	

NOTE: Any specifications on the following pages that are specific to California requirements are indicated accordingly.

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Power Teams (Indicate whether standard or optional)

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

SERIES # AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio)			
	Displ. litres (in ³)	Carb.	Compr. Ratio	SAE Net at RPM			Exhaust System*	(A)	(B)	(C)
				kW (bhp)	Torque N·m (lb. ft.)					
Base - All States	1.6L (98) RPO L17	2-bb1	8.6:1	52	111	S	4-Spd. Manual (3.75 Low) Base	3.70	-	4.11
				(70) @ 5200	(82) @ 2400					
Optional - All States exc. California	1.6L (98) RPO L18	2-bb1	8.6:1	55	119	S	4-Spd. Manual (3.75 Low) Base	3.70	-	-
				(74) @ 5200	(88) @ 2800					
Optional - Calif. only	1.6L (98) RPO L18	2-Bb1	8.6:1	55 (74) @ 5200	119 (88) @ 2800	S	4-Spd. Manual (3.75 low) Base	3.70	-	-
(#) - 'Base' and 'Optional' refer to engine availability. (A) - Base - all states (B) - Optional except California (C) - Above 4000 Feet altitude (RPO NA6) Air conditioning available with all axle ratios. Limited slip differential not available.										

*S—Single D—Dual

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

1.6 Litre (98 CID) L4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Engine — General

Total dressed engine mass (wt) dry*	133.6 (294.5)	135.2 (298.1)
Type (inline, V, Flat)	Inline, OHC	
No. of cylinders	4	
Bore	82 (3.23)	
Stroke	75.7 (2.98)	
Piston Displacement cm ³ (in ³)	1.6 (98)	
Bore Spacing (C/L to C/L)	91.4 (3.6)	
Cyl. No. system	L Bank	1-2-3-4
(front to rear)	R Bank	Inline
Firing Order	1-3-4-2	
Cylinder Head Material	Cast iron	
Cylinder Block Material	Cast iron	
Cylinder block deck height	198 (7.8)	
Number of mtg. points	Front	Two
	Rear	One
Engine installation angle	3°8'	
Recommended fuel	Unleaded	
Leaded, unleaded		
Fuel antiknock index (R + M)	91	
2		
Cylinder Head Volume — cm ³	43.6 (2.66)	
Head Gasket Thickness (Compressed)	0.79 (.031)	
Head Gasket Volume — cm ³	4.8 (.29)	
Deck clearance (minimum) (above or below block)	0	
Minimum Combustion Chamber Volume — cm ³	42.7 (2.61)	

Engine — Pistons

Material	Cast aluminum alloy		
Description and finish	Sump head; Closed, slipper skirt		
Mass, g (weight, oz.)—Piston Only	336 (11.85)		
Clearance (limits)	Top land	.67-.91 (.026-.036)	
	Skirt	Top	.020-.040 (.0007-.0015)
		Bottom	
Ring groove diameter	No. 1 ring	72.65-73.05 (2.860-2.876)	
	No. 2 ring	72.65-73.05 (2.860-2.876)	
	No. 3 ring	72.53-72.93 (2.856-2.871)	

*Dressed engine mass (weight) includes the following:

- Material required to make the engine an independent working power unit less radiator hoses, coolant, accelerator controls, or engine mountings. (includes ● clutch and base trans.)

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Engine — Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil
Compression	Description— Material, coating, etc.	Upper-nodular iron, moly channel, barrel faced Lower-cast alloy iron, tapered face, reverse twist
	Width	Upper-1.943-1.969 (.0765-.0775); Lower-1.958-1.984 (.0771-.0781)
	Gap	.23-.46 (.009-.018)
Oil	Description— material, coating, etc.	Multi-piece (2 rails & one spacer expander Rails-steel, chrome plated; expander - stainless steel
	Width	4.0 (.157)
	Gap	.38-1.40 (.015-.055)
Expanders		In oil ring assembly

Engine — Piston Pins

Material	Chromium steel	
Length	69.7-70.3 (2.7440-2.7677)	
Diameter	22.992-22.995 (.9052-.9053)	
Type	Locked in rod, in piston, floating, etc.	Locked in rod
	Bushing	In rod or piston Material
		None
Clearance	In piston	.003-.007 (.00012-.00027)
	In rod	--
Direction & amount offset in piston		Right; 1.5 (.06)

Engine — Connecting Rods

Material	Forged steel (1037)	
Mass, g (weight, oz.)	354 (12.5)	
Length (center to center)	122 (4.803)	
Bearing	Material & Type	Premium aluminum
	Overall length	18.80-19.05 (.74-.75)
	Clearance (limits)	.33-.52 (.013-.060)
	End Play	.11-.32 (.004-.012)

MVMA Specifications Form

Passenger Car

Car Line CREVELLE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Engine — Crankshaft

Material	Nodular cast iron		
Vibration damper type	Rubber mounted inertia		
End thrust taken by bearing (No.)	5		
Crankshaft end play	.010-.020 (.004-.008)		
Main bearing	Material & type	Premium aluminum	
	Clearance	.008-.074 (.0003-.0029)	
	Journal dia. and bearing overal length	No. 1	51.012 X 17.875 (2.0083 x .7037)
		No. 2	51.012 X 17.875 (2.0083 x .7037)
		No. 3	51.012 X 17.875 (2.0083 x .7037)
		No. 4	51.012 X 17.875 (2.0083 x .7037)
		No. 5	51.000 X 23.875 (2.0078 x .9399)
		No. 6	---
No. 7		---	
Dir. & amt. cyl. offset	---		
No. bolts/main brg. cap	Two		
Crankpin journal diameter	45.958-45.984 (1.809-1.810)		

Engine — Camshaft

Location	In cylinder head		
Material	Cast Alloy iron		
Bearings	Material	Steel backed babbitt	
	Number	5	
Type of Drive	Gear, chain or belt	belt	
	Crankshaft gear or sprocket material	Sintered iron, carbonitrided	
	Camshaft gear or sprocket material	Cast iron	
	Timing chain	No. of links	100 teeth
Chain or Belt	Width	19 (.748)	
	Pitch	9.5 (.374)	

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (•) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Engine — Valve System

Hydraulic lifters (Std., opt., NA)		Hydraulic valve lash adjuster		
Valve rotator, type (intake, exhaust)		None		
Push rods (dia., length, material)		None		
Rocker ratio		1.6:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero		
	Exhaust	Zero		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	28 31	
		Closes (°ABC)	76 73	
		Duration (deg.)	284 284	
	Exhaust	Opens (°BBC)	72 69	
		Closes (°ATC)	32 35	
		Duration (deg.)	284 284	
Valve open overlap (deg.)		60 66		
Intake Valve	Material		8440 steel, aluminized head & seat, chrome flash stem	
	Overall length		98.245-98.755 (3.8679-3.8880)	
	Actual overall head dia.		38.870-39.129 (1.5305-1.5405)	
	Angle of seat & face (deg.)		46, 45	
	Seat insert material		None	
	Stem diameter		7.970-7.986 (.3138-.3144)	
	Stem to guide clearance		.046-.053 (.0018-.0021)	
	Lift (at zero lash)		9.8195 (.3866)	
	Outer spring press. & length	Valve closed— N at mm (lb. at in.)	284.0-320.0 @ 32.0 (64-72 @ 1.26)	
		Valve open— N at mm (lb. at in.)	743.0-797.0 @ 22.5 (167-179 @ .886)	
	Inner spring press. & length	Valve closed— N at mm (lb. at in.)	None	
		Valve open— N at mm (lb. at in.)	None	
	Exhaust Valve	Material		Armco 21-2, stellite seat, full chrome stem, hardened tip
Overall length		98.694-99.205 (3.8856-3.9057)		
Actual overall head dia.		31.869-32.131 (1.2547-1.2650)		
Angle of seat & face (deg.)		46, 45		
Seat insert material		None		
Stem diameter		7.950-7.965 (.3130-.3136)		
Stem to guide clearance		.066-.074 (.0026-.0029)		
Lift (at zero lash)		9.8195 (.3866)		
Outer spring press. & length		Valve closed— N at mm (lb. at in.)	284.0-320.0 @ 32.0 (64-72 @ 1.26)	
		Valve open— N at mm (lb. at in.)	743.0-797.0 @ 22.5 (167-179 @ .886)	
Inner spring press. & length	Valve closed— N at mm (lb. at in.)	None		
	Valve open— N at mm (lb. at in.)	None		

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	None
	Cylinder walls	Splash
Oil pump type	Gear	
Normal oil pressure—kPa (lb.) at engine rpm	379.2 (55)	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full Flow	
Capacity of c/case, less filter—refill—L (qt.)	3.8 (4.0)	
Oil grade recommended (SAE viscosity and temperature range)	(a)	
Engine service reqmt. (SD, SE, etc.)	SE	

Engine — Exhaust System

Type (single, single with cross-over, dual, other)	Single	Dual takedown
Muffler No. & Type (reverse flow, straight thru, separate resonator)	One, reverse flow	One, reverse flow, separate resonator
Resonator No. & type	None	One. straight thru
Exhaust Pipe	Branch O.D., wall thickness	---
	Main O.D., wall thickness	44.45 x .091 (1.75 x .036)
	Material	Stainless steel tubing
Intermediate Pipe	O.D. & wall thickness	50.8 x 1.83 (2.0 x .072)
	Material	Stainless steel tubing
Tail Pipe	O.D. & wall thickness	44.5 x 1.83 (1.75 x .072)
	Material	Aluminized steel tubing

- (a) Minus 6.6°C (20°F) and above - 20W-20, 10W-30, 10W-40, 20W-40, 20W-50
 Minus 17.7°C to + 15.5°C (0 to 60°F) - 10W, 5W-30, 10W-40, 10W-30
 Minus 6.6°C (20°F) and below - 5W-20, 10W-30

- (b) Outer tube -38.1 x 1.14 (1.50 x .045)
 Inner tube -38.1 x .96 (1.50 x .038)
 Dual takedowns - laminated.

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bb1. Carburetor	
RPO L17	RPO L18 High Output

Engine — Fuel System

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

Induction type: Carburetor, fuel injection, supercharger.		Carburetor		
Fuel Tank	Refill capacity—L (U.S. gals.)	47.3 (12.5) approximately		
	Filler location	Left rear quarter panel		
Fuel Pump	Type (elec. or mech.)	Mechanical		
	Locations	Lower left front of engine		
	Pressure range—kPa (psi)	34.4-44.8 (5.0-6.5)		
Fuel Filter	Type	Fine mesh plastic strainer in gasoline tank and		
	Locations	paper filter element in carburetor inlet		
Carburetor	Choke type	Electric		
	Intake manifold heat control (exhaust or water)	Exhaust		
	Air cleaner type	Standard	Ducted outside air, replaceable element	
		Optional		
	Idle spd.—rpm (spec. neutral or drive)	Manual	800/N	800/N
		Automatic	750/D	750/D
Idle A/F mix.				

Carburetor Supplementary Information

Model Usage	Piston Displ. —L (in.3)	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model (a)		
All	1.6 (98) RPO L17	Manual	Holley	466393* 466363 (466367)	One 2-bb1	32.0 (1.26) pri., 36.0 (1.417) sec.
		Automatic		466364 (466368) 466391*		
	1.6 (98) RPO L18	Manual	Holley	466371 (466375)		
		Automatic		466372 (466376)		

(a) Data in brackets () specific to California.

* Above 1219M (4000 Feet) altitude.

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Engine — Cooling System

Coolant recovery system (std., opt., none)		Standard	
Radiator cap relief valve pressure—kPa (psi)		103.4 (15)	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at °C (°F)	87.8 (190)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm		
	Number of pumps	One	
	Drive (V-belt, other)	V-belt	
	Bearing type	Double row ball	
By-pass recirculation type (inter., ext.)		Internal	
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		Cross flow, tube and center	
Cooling System Capacity	With heater—L (qt.)	8.66 (9.2) - M/T; 8.56 (9.0) - A/T	
	Without heater—L (qt.)		
	Opt. equipment-specify—L (qt.)		
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	44.4 (1.75)
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	31.8 (1.25)
	By-pass	Number and type (molded, straight)	None
		Inside diameter	---
Radiator	Standard	Width	304.8 (12.0)
		Height	375.2 (14.77)
		Thickness	31.5 (1.24)
	A/C	Width	326.7 (12.86)
		Height	375.2 (14.77)
		Thickness	31.5 (1.24)
	Heavy duty	Width	326.7 (12.86)
		Height	375.2 (14.77)
		Thickness	31.5 (1.24)
Fan (Standard)	Number of blades & spacing		4, staggered
	Diameter		330 (13)
	Ratio—fan to crankshaft rev.		1.073:1
	Fan cutout type		None
Fan (optional)	No. of blades and spacing		7, Staggered
	Diameter		360 (14.17)
	Ratio—fan to crankshaft rev.		1.073:1
	Fan cut-out type		Thermo-modulated

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bb1 RPO LI7 and LI8	
All States Except Calif.	California & States Above 4000 Feet Altitude

Vehicle Emission Control

Type (Air injection, engine modifications, other)		Engine Modifications	Pulse Air Injection	
Air Injection Pump	Type	<i>Controlled Combustion System</i>	Semi-articulated vane	
	Displacement—cm ³ (in ³)		316.3 (19.3)	
	Drive ratio		1.15:1	
	Drive type		Crankshaft pulley	
	Relief valve (type)		Diverter	
Air Injection System	Filter (describe)		Centrifugal air cleaner	
	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Manifold	
	Injection tube i.d.		19.1 (0.75)	
	Check valve type		Pressure plate system	
Exhaust Emission Control	Backfire protection (type)		Diverter valve	
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled flow	
		Valve type	Vacuum modulated shut-off and metering	
		Valve location	Inlet manifold	
		Control energy source	Carburetor vacuum	
		Exhaust source	Manifold	
		Exhaust cooler type	None	
Orifice no. and size		One; 0.76 (.030)		
Catalytic Converter System	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet manifold		
	Catalyst	Type	Platinum - palladium	
		Volume—L (in ³)	2.6 (160)	
	Substrate type	Alumina		
Container location	Beneath right front underbody			
Other	Carburetor Hot Air	Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission.		

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl.	
RPO L17	RPO L18 High Output

Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)	Standard	Induction system	
		Optional	---	
	Control Unit	Make and model	AC Spark Plug	
		Location	Front center of valve rocker cover	
		Energy source (manifold vacuum, carburetor, other)	Manifold vacuum	
		Control method (variable orifice, fixed orifice, other)	Variable orifice	
	Complete System	Discharges (to intake manifold, other)	Intake manifold	
		Air inlet (breather cap, other)	Carburetor air cleaner	
		Flame arrestor (screen, other)	Screen	
	Evaporative Emission Control	Fuel Tank	Thermal expansion volume—dm ³ (ft ³)	
Relief Pressure kPa (psi) and location			7.2-9.2 (1.05-1.33)	
Vacuum relief kPa (psi) and location			3.7-6.2 (0.53-0.90)	
Vapor-liquid separator type			Integral with fuel tank	
Vapor vented to (crankcase, canister, other)			Canister	
Carbu- retor		Vapor vented to (crankcase, canister, other)		
Vapor Storage		Storage provision (crankcase, canister, other)	Canister	
		Volume—dm ³ (ft ³) or capacity (grams)	Approximately 30 grams	
		Control valve type	Vacuum diaphragm controlled constant orifice	

**MVMA Specifications Form
Passenger Car**

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl. Carburetor	
Manual Transmission	Automatic Transmission

Electrical — Supply System

Battery	Make and Model		Delco Remy "Freedom"		
	Voltage Rtg.—V— & Total Plates		12-2500 Watts	12-3200 Watts	
	SAE Designation No. and/or capacity		60 Minute Reserve Capacity	80 Minute Reserve Capacity	
	Location		Engine compartment, right front		
Generator or Alternator	Make		Delco Remy		
	Model		1102845		
	Type and rating		Diode Rectified - 32		
	Output at engine idle (neutral) A		11-14		
	Ratio—Gen. to Cr/s rev.		2.10:1		
Regulator	Make		Delco Remy		
	Model		---		
	Type		Micro circuit unit; integral with alternator		
	Regu- lated	Voltage		13.8-14.8	
		Current A		---	
	Voltage test condi- tions	Temperature—°C (°F)		Operating	
Load A		3-8			
Other					

Electrical — Starting System

Starting Motor	Make		Delco-Remy		
	Model		1109522		
Motor Drive	Engagement Type		Positive shift solenoid		
	Pinion engages from (front, rear)		Rear		
	Number of teeth	Pinion		9	
		Flywheel	Manual	153	
			Auto	153	

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Electrical — Ignition System — Distributor

Distributor	Manual	1110744 (1110742)	1110743 (1110759)
	Automatic	(1110760)	1110740 (1110741)
Timing	Manual	12	12
	Automatic	18	18

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at kPa (in. of Hg.)	
	Start	Intermediate	Maximum	Start	Maximum
1110740	0 @ 1520	3 @ 2200	16 @ 3250	0 @ 13.5	30 @ 33.8
1110743	0 @ 1200	8 @ 2000	24 @ 5700	0 @ 13.5	30 @ 33.8
1110744	0 @ 1200	8 @ 2000	20 @ 4800	0 @ 13.5	30 @ 33.8
1110741	0 @ 1520	3 @ 2200	16 @ 5250	0 @ 13.5	14 @ 27.0
1110742	0 @ 1200	8 @ 2000	20 @ 4800	0 @ 16.9	16 @ 38.8
1110759	0 @ 1200	8 @ 2000	24 @ 3700	0 @ 13.5	18 @ 25.3
1110760	0 @ 1520	3 @ 2200	16 @ 5250	0 @ 16.9	16 @ 38.8
Data in brackets () pertain to California					

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L-4/2-Bbl. Carburetor	
RPO L17	RPO L18 High Output

Electrical — Ignition System

Type	Conventional — Std., Opt., N.A.	---	
	Transistorized — Std., Opt., N.A.	---	
	Other (specify)	High Energy Ignition System (H.E.I.)	
Coil	Make	Delco Remy	
	Model	Mounted to case	
	Current	Engine stopped — A	
		Engine idling — A	
Spark Plug	Make	AC Spark Plug	
	Model	R42TS	
	Thread (mm)	14	
	Tightening torque — N-m (lb. ft.)	25	
	Gap	.89 (.035)	

Electrical — Suppression

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

Electrical — Instruments and Equipment

Speed-ometer	Type	Circular dial with pointer
	Trip odometer (std., opt., N.A.)	NA
EGR maintenance indicator		NA
Charge Indicator	Type	Tell-Tale
	Warning device	NA
Temperature Indicator	Type	Tell-Tale
	Warning device	NA
Oil pressure Indicator	Type	Tell-Tale
	Warning device	NA
Fuel Indicator	Type	Electric gauge
	Warning device	NA
Wind-shield Wiper	Type — standard	Electric 2-Speed
	Type — optional	Intermittent
	Blade length	403.4 (15.9 in)
	Swept area — cm ² (in. ²)	0.395 (612.5 in)
Wind-shield Washer	Type — standard	Push-Button
	Type — optional	None
	Fluid level indicator	NA
Horn	Type	Vibrator
	Number used	One
	Current draw (A) per horn	4.5-6.0 @ 12.5 Volts
Other	Parking brake warning light and brake failure warning light, restraint system warning light and buzzer.	

MVMA Specifications Form
Passenger Car

Car Line _____
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Engine Description/Carb.

1.6 Litre (98 CID) L4/2-Bbl. Carburetor

Drive Units — Clutch (Manual Transmission)

Make & type	Borg & Beck, diaphragm	
Type pressure plate springs		
Total spring load—N (lb.)	400 (880)	
No. of clutch driven discs	One	
Clutch facing	Material	Molded type asbestos
	Manufacturer	Borg & Beck
	Part Number	14004435
	Rivets/Plate	16
	Rivet size	3.63 x 5.41 (.143 x .213)
	Outside & inside dia.	180 x 131 (7.09 x 5.16)
	Total eff. area—cm ² (in. ²)	239.5 (37.14)
	Thickness	3.35-3.51 (.135-.145)
Engagement cushion-method	Flat spring steel between facings	
Release bearing	Type & method of lubrication	Single row ball, packed and sealed
Torsional damping	Methods: springs, friction material	Coil springs

Drive Units — Transmissions

Manual 3-speed (std., opt., N.A.)	N.A.
Manual 4-speed (std., opt., N.A.)	Standard
Manual 5-speed (std., opt., N.A.)	N.A.
Manual overdrive (std., opt., N.A.)	N.A.
Automatic (std., opt., N.A.)	Optional

Drive Units — Manual Transmissions

Number of forward speeds	4		
Transmission ratios	In first	3.75	
	In second	2.16	
	In third	1.38	
	In fourth	1.00	
	In fifth	--	
In reverse	3.82		
Synchronous meshing, specify gears	All forward gears		
Shift lever location	Floor mounted		
Lubricant	Capacity—L (pt.)	1.6 (3.4)	
	Type recommended	GL-5 Gear lubricant	
	SAE viscosity number	Summer	80W or 80W-90
		Winter	80W or 80W-90
	Extreme cold	80W or 80W-90	

**MVMA Specifications Form
Passenger Car**

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

1.6 Litre (98 CID) L4/2-Bb1. Carburetor

Drive Units—Automatic Transmission

Trade name		3-speed automatic
Type (describe)		Torque converter with planetary gears
Selector location		Floor Mounted
Gear Ratios	P	Park
	R	1.92
	N	Neutral
	D	2.40-1.48-1.00
	L2	2.40-1.48
	L1	2.40
Max. upshift speed—drive range—km/h (mpih)		
Max. kickdown speed—drive range—km/h (mph)		
Torque Converter	Number of elements	3
	Max. ratio at stall	2.2
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	228.6 (9.0)
Lubricant	Capacity—refill—L (pt.)	2.7 (5.7)
	Type recommended	Dexron II
Special transmission features		

Drive Units—Axle

Type (front, rear)		Rear	
Description		Semi-floating with hypoid overhung pinion gear	
Limited Slip differential, type		Not Available	
Drive Pinion Offset		28.4 (1.12) Vertical	
No. of differential pinions		Two	
Pinion adjustment (shim, other)		Shims	
Pinion bearing adj. (shim, other)		Collapsible sleeve	
Wheel bearing type		Direct single row cylindrical	
Lubricant	Capacity—L (pt.)	0.8 (1.75)	
	Type recommended	GL-5 Gear Lubricant	
	SAE viscosity number	Summer	80W or 80W-90
		Winter	80W or 80W-90
		Extreme cold	80W or 80W-90

Axle Ratio Tooth Combinations (See "Power Teams" for axle ratio usage.)

Axle Ratio		3.70	4.11
No. of teeth	Pinion	10	9
	Ring gear	37	37
Ring Gear O. D.		165.1 (6.50)	

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

2 Door Coupe	4 Door Sedan
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Drive Units—Propeller Shaft

Number used		One	
Type (straight tube, tube-in-tube, internal-external damper, etc.)		(a)	
Outer diam. x length* x wall thickness	Manual 3-speed trans.	Not applicable	
	Manual 4-speed trans.	50.8 x 731.5 x 1.40 (2.0 x 28.8 x .055)	50.8 x 808.2 x 1.40 (2.0 x 31.8 x .055)
	Manual 5-speed trans.	Not applicable	
	Overdrive	Not applicable	
	Automatic transmission	50.8 x 586.0 x 1.40 (2.0 x 23.1 x .055)	50.8 x 662.2 x 1.40 (2.0 x 26.1 x .055)
Inter-mediate bearing	Type (plain, anti-friction)	Anti-friction	
	Lubrication (fitting, prepack)	Prepack	
Slip Yoke	Type	Spline	
	Number of teeth	27	
	Spline O. D.	28 (1.12)	
Universal joints	Make and Mfg. No.	Saginaw 23	
	Number used	Two	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt, clamp, etc.)	U-bolt	
	Bearing	Type (plain, anti-friction)	Anti-friction
Lubric. (fitting, prepack)		Prepack	
Drive taken through (torque tube or arms, springs)		Arms	
Torque taken through (torque tube or arms, springs)		Torque tube	

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

(a) Straight tube attached to 'U' joints to a solid steel pinion extension. A torque tube that houses the extension shaft is bolted to differential housing.

(b) Shaft size - 23.0 x 573.8 (.91 x 22.59)

MVMA Specifications Form
Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Engine Description/Carb.

2-Door Coupe & 4-Door Sedan

Drive Units—Tires And Wheels (Standard)

TIRES	Size, load range, ply		P155/80R13 (B/W - std., W/S - opt. -LTJ00; W/S std. - 1TB00)
	Type (bias, radial, etc.)		Glass belted radial
	Inflation pressure (cold) for recommended max. vehicle load	Front—kPa (psi)	221 (32)
		Rear—kPa (psi)	221 (32)
Rev./mile—at 70 km/h (45 mph)		569 (916)	
WHEELS	Type & material		Short yoke disc, steel
	Rim (size & flange type)		13 x 5J
	Wheel offset		37 mm
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	100 mm
		Number & size	4 hex nuts - M12 x 1.5
Spare wheel (same or other)		14 x 4 (49 mm offset)	

Drive Units—Tires And Wheels (Optional)

Size, load range, ply		P155/80R13 (B/W, W/S, W/L)
Type (bias, radial, etc.)		Steel belted radial
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material		
Rim (size, flange type, and offset)		

Brakes—Parking

Type of control		Grip handle
Location of control		On floor between seats
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Body Type And/Or Engine Displacement

2-Door Coupe & 4-Door Sedan

Brakes—Service

Brake Type (std., Opt., N.A.)	Drum	Front	---		
		Rear	Standard		
	Disc	Front	Standard		
		Rear	---		
Self-adjusting (std., opt., N.A.)			Standard		
Special Valving	Type (proportion, delay, metering, other)		None		
Power Brake (std., opt., N.A.)			Optional		
Booster Type (remote, integral, vac., hyd., etc.)			Integral		
Anti-skid device type (std., opt., N.A.)			N.A.		
Effective area—cm ² (in. ²)*			526.8 (81.67)		
Gross lining area—cm ² (in. ²)**			533.8 (82.76)		
Swept area—cm ² (in. ²)***			1804.5 (297.7)		
Rotor	Outer working diameter	F	246 (9.68)		
		R	---		
	Thickness	F	11 (.433)		
		R	---		
	Material & type (vented/solid)	F	Cast iron, solid		
		R	---		
Drum	Diameter (nominal)	F	---		
		R	200 (7.88)		
	Type and material		Cast iron		
Wheel cylinder bore	Front	47.62 (1.875)			
	Rear	19.05 (0.75)			
Master Cylinder	Bore	19.0 (0.75)			
	Stroke	31.0 (1.22)			
Pedal arc ratio			5.8:1 Manual; 4.75:1 Power		
Line pressure at 445 N (100 lb.) pedal load—MPa (psi)					
Lining Clearance Per Shoe	Front	Self adjusting			
	Rear	Self adjusting			
Brake lining	Front Wheel	Bonded or riveted, rivets/seg.		Bonded	
		Rivet size		---	
		Manufacturer		Delco Moraine	
		Lining Code		GM 110 FF	
		Material		Semi-metallic	
		Size	Prim. or out-board	114.0 x 34.0 x 9.40 (4.49 x 1.34 x .370)	
			Second or in-board	114.0 x 30.0 x 9.40 (4.49 x 1.18 x .370)	
	Shoe thickness (no lining)				
	Rear Wheel	Bonded or riveted, rivets/seg.		Primary - bonded; secondary - riveted; 10	
		Manufacturer		Delco Moraine	
		Lining Code		GM 224 FF	
		Material		Molded asbestos	
		Size	Prim. or out-board	190.44 x 44.5 x 6.4 (7.48 x 1.75 x .250)	
			Second or in-board	190.44 x 44.5 x 6.4 (7.48 x 1.75 x .250)	
Shoe thickness (no lining)			9.19 (.362)		

* Excludes rivet holes, grooves, chamfers, etc.

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

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

**** Size for drum brakes includes length x width x thickness.

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

2-Door Coupe	4-Door Sedan
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Steering

Manual (std., opt., N.A.)			Standard		
Power (std., opt., N.A.)			N.A.		
Adjustable steering wheel (tilt, swing, other)	Type and description		Tilt-universally jointed steering shaft at base of steering wheel		
	(Std., opt., N.A.)		Optional		
Wheel diameter		Manual	381 (15.0)		
		Power	---		
Turning diameter m(feet)	Outside front	Wall to wall (l. & r.)	10.5 (34.3)	10.6 (34.9)	
		Curb to curb (l. to r.)	9.2 (30.2)	9.4 (30.8)	
	Inside rear	Wall to wall (l. to r.)	5.0 (16.5)	---	
		Curb to curb (l. to r.)	4.8 (15.9)	---	
Manual	Gear	Type	Rack and pinion		
		Make	Saginaw Steering		
		Ratios	Gear	19.0:1	
			Overall	18.4:1	
	No. wheel turns (stop to stop)	3.6			
Power	Type (coaxial, linkage, etc.)				
	Make				
	Gear	Type	NOT		
		Ratios	Gear	APPLICABLE	
			Overall		
Pump driven by					
No. wheel turns (stop to stop)					
Linkage	Type		Parallel-o-gram		
	Location (front or rear of wheels, other)		Front		
	Drag links (trans. or longit.)		None		
	Tie rods (one or two)		Two		
Steering Axis	Inclination at camber (deg.)		7.55		
	Bearings (type)	Upper	Ball stud		
		Lower	Ball stud		
		Thrust	None		
Steering spindle & joint type		Forged knuckle with upper & lower spherical joints			
Wheel Spindle	Diameter	Inner bearing	26.97 (1.06)		
		Outer bearing	17.45 (0.69)		
	Thread size		3/4-20 NEF (MIG-1)		
Bearing type		Tapered roller			
Wheel Align at curb mass (wt.)	Service checking	Caster (deg.)	+2.5 to +6.5		
		Camber (deg.)	-0.5 to +1.0		
		Toe-in (deg.)	-0.02 to +0.14		
	Service reset	Caster	+4.5 + 1		
		Camber	+0.2 ± 0.4		
		Toe-in	+0.06 ± 0.04		
	Periodic M.V. Inspection	Caster	+2.5 to + 6.5		
		Camber	-1.25 to + 1.75		
		Toe-in	-0.02 to + 0.14		

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Body Type And/Or Engine Displacement

2-Door Coupe & 4-Door Sedan

Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling	None	
Provision for brake dip control	Front Suspension geometry	
Provision for acc. squat control	Rear suspension geometry	
Special provisions for car jacking	Position jack in bumper lots underneath front and rear bumpers	
Shock absorber front & rear	Type	Direct, double acting, hydraulic
	Make	Delco
	Piston dia.	25.4 (1.0)
Other special features		

Suspension — Front

Type and description	Independent SLA	
Travel	Full jounce	87.7 (3.45)
	Full Rebound	91.4 (3.60)
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	209.3 x 86.87 (8.24 x 3.42) (a) 2687.3 x 11.33 (105.8 x .446)
	Spring rate — N/mm (lb./in.)	22.7 (130)
	Rate at wheel — N/mm (lb./in.)	12.3 (70)
Stabilizer	Type (link, linkless, frameless)	Link, mounted to body front rails
	Material & bar diameter	HR steel-22.1 (0.87); RPO F41 Sport suspension 25.5 (1.0)

Suspension — Rear

Type and description	Solid axle, positioned by links, torque tube, track bar	
Drive and torque taken through	Link, torque tube	
Travel	Full Jounce	99.5 (3.92)
	Full Rebound	122.5 (4.82)
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (length x width, coil design height & I.D., bar length & dia.)	233.7 x 105.79 (9.20 x 4.165) (a) 2301.7 x 13.18 (90.62 x .519)
	Spring rate — N/m (lb./in.)	27.1 (155)
	Rate at wheel — N/m (lb./in.)	20.5 (117)
	Mounting insulation type	---
	If leaf	No. of leaves Shackle (comp. or tens.)
Stabilizer	Type (link, linkless, frameless)	Link mounted to underbody (RPO F-41)
	Material & bar diameter	HR steel - 16 (0.63)
Track bar type	Tubular, with rubber bushings	

(a) For base equipped model. Springs for all models are computer selected by size and rate according to vehicle weight including optional equipment.

MVMA Specifications Form
Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Body Type

2-Door Hatchback Coupes 1TB08	1TJ08	4-Door Hatchback Sedan 1TB68
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Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)	Lacquer	
Hood counterbalanced (yes, no)	No	
Hood release control (internal, external)	Internal	
Vehicle Ident. No. Location	Top left hand of instrument panel pad	
Vent window control method (crank, friction pivot, power)	Front	None
	Rear	None
Seat cushion type	Front	Formed foam pad
	Rear	Formed foam pad
	3rd Seat	None
Seat back type	Front	Formed foam pad
	Rear	Formed foam pad
	3rd seat	None
Method of holding luggage compart. lid open	Telescoping gas strut - right side	
Position of spare tire storage	Flat under rear load floor	

Frame

Type and description (Separate frame, unitized frame, partially-unitized frame)	Unitized frame with crossmember reinforcement
---	---

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Body Type

2-Door Hatchback Coupes 1TB08	1TJ08	4-Door Hatchback Sedan 1TB68
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Convenience Equipment

Power windows	Side Windows	N.A.
	Vent windows	N.A.
	Backlight or tailgate	N.A.
Power seats (specify type as well as availability)		N.A.
Reclining front seat back (R-L or both)		Standard on 1TB00 Models
Radios (specify type as well as availability)		AM-Pushbutton-Standard Equipment 1TB00 Models, Optional 1TJ08. Optional-AM/FM-Pushbutton, AM/FM-Pushbutton Stereo.
Rear seat speaker		Optional
Power antenna		N.A.
Clock		Optional
Air conditioner (specify type)		Optional-"Four Season" with manual control
Speed warning device		N.A.
Speed control device		N.A.
Ignition lock lamp		N.A.
Dome lamp		Standard
Glove compartment lamp		Optional
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Optional
Map lamp		N.A.
Cornering lamp		N.A.
Rear window defroster electrical'y heated		Optional
Rear window defogger		N.A.
Theft protection—type		Lock; mounted on steering column; locks steering wheel and ignition.

MVMA Specifications Form
Passenger Car

Car Line Chevette
Model Year 1979 Issued 9/78 Revised (*)

Equipment Differential Mass (Weights)	Optional Equipment Mass (Weights)*			Remarks
	MASS, kg. (Weight, lb.)			
	Front	Rear	Total	
Air Conditioning	30.4 (+67)	1.4 (+3)	31.8 (+70)	
Floor Mats, Front & Rear	1.8 (+4)	1.4 (+3)	3.2 (+7)	
Load Floor Carpet	0 (0)	-0.6 (-1)	-0.6 (-1.0)	
Power Brakes	2.6 (+6)	0.4 (+1)	3.0 (+7.0)	
Sport Shifter	0.8 (+1.8)	0.2 (+0.4)	1.0 (+2.2)	
Wheel Trim Covers	1.2 (+2.5)	1.2 (+2.5)	2.4 (+5)	1TJ00 Models
	1.0 (+2)	1.0 (+2)	2.0 (+4)	1TB00 Models
Wheel Trim Rings	0.2 (+0.5)	0.2 (+0.5)	0.4 (+1.0)	1TJ08 only
Radio AM Push-Button	1.6 (+3.5)	0.4 (0.5)	2.0 (+4)	Standard on 1TB00, optional 1TJ08
Radio AM/FM Push-Button	0.2 (+0.5)	0 (0)	0.2 (+0.5)	1TB00 Models
	1.8 (4.0)	0.4 (1.0)	2.2 (5.0)	1TJ08 Models
Radio AM/FM Stereo	0.2 (0.5)	0 (0)	0.2 (+0.5)	1TB00 Models
	1.8 (+4.0)	0.4 (+1.0)	2.2 (+5.0)	1TJ08 Models
Auxiliary Speaker-rear	0 (0)	0.6 (1.0)	0.6 (1.0)	
Bumper Guards	1.6 (3.5)	1.6 (3.5)	3.2 (7.0)	
Luggage Rack	1.8 (4.0)	3.2 (7.0)	5.0 (11.0)	
Heavy Duty Radiator	1.8 (4.0)	-0.4 (-1.0)	1.4 (+3.0)	
Deluxe Floor Console	0.6 (1.0)	0 (0)	0.6 (1.0)	1TJ08 Model

* Also see Engine—General Section for dressed engine mass (weight).

MVMA Specifications Form

Passenger Car

Car Line Chevette
 Model Year 1979 Issued 78 Revised (*)

Optional Equipment Mass (Weights)*

Equipment Differential Mass (Weights)	MASS, kg. (Weight, lb.)			Remarks
	Front	Rear	Total	
Comfortilt	1.0	0	1.0	
Steering Wheel	(+ 2)	(0)	(+ 2)	
Heavy Duty Battery	2.8 (6.0)	-0.6 (-1.0)	2.2 (+5.0)	
Bumper Impact Strips, Front & Rear	0.2 (+.5)	0.2 (+ .5)	0.4 (+ 1)	Standard 1TB00, Optional 1TJ08
3-Speed Automatic Transmission	13.6 (+30)	4.6 (+10)	18.2 (+40)	1TB00 Models
	14.0 (+31)	4.8 (+10)	18.8 (+41)	1TJ00 Models
High Output Engine RPO L18	1.6 (+4)	0 (0)	1.6 (+ 4)	
Shoulder Belt System, Automatic	0.4 (1.0)	0.4 (1.0)	0.8 (2.0)	Optional on Model 1TB00, standard on 1TJ00

* Also see Engine—General Section for dressed engine mass (weight).

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Car and Body Dimension See Key Sheets, for definitions.

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.
 SAE Ref. No. refers to the definition published in SAE Recommended Practice.
 J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type

SAE Ref. No.	2-Door Hatchback Coupes	4-Door Hatchback Sedan
	1TB08	1TJ08
		1TB68

Width

Tread — Front	W101	1300 (51.2 in)	
Tread — Rear	W102	1300 (51.2 in)	
Vehicle width	W103	1570 (61.8 in)	
Body width at Sg RP — front	W117	--	1546 (60.9 in)
Vehicle width — front doors open	W120	3384 (133.2 in)	3048 (120.0 in)
Vehicle width — rear doors open	W121	--	2974 (117.1 in)

Length

Wheelbase	L101	2394 (94.3 in)		2471 (97.3 in)
Vehicle length	L103	4057 (159.7 in)	4034 (158.8 in)	4130 (162.6 in)
Overhang — front	L104	779 (30.7 in)	767 (30.2 in)	779 (30.7 in)
Overhang — rear	L105	884 (34.8 in)	872 (34.3 in)	880 (34.6 in)
Upper structure length	L127	2450 (96.5 in)		2526 (99.4 in)
Rear wheel C-L "X" coordinate	L127	2179 (85.5 in)		
Cowl point "X" coordinate	L125	305 (12.0 in)		

Height*

Passenger Distribution (frt./rear)	PD1.2.3	2-2		
Trunk/Cargo load		0		
Vehicle height	H101	1329 (52.3 in)		
Cowl point to ground	H114	885 (34.8 in)		
Deck point to ground	H138			
Rocker panel front to ground	H112	175 (6.9 in)		
Bottom of door closed-front to grd.	H133	256 (10.1 in)		
Rocker panel rear to ground	H111	167 (6.6 in)	168 (6.6 in)	
Bottom of door closed-rear to grd.	H135	--		
Windshield slope angle	H122	52.8°		

Ground Clearance*

Front bumper to ground	H102	342 (13.5 in)		
Rear bumper to ground	H104	335 (13.2 in)		
Bumper to ground—front at curb mass (wt.)	H103	379 (14.9 in)		
Bumper to ground—rear at curb mass (wt.)	H105	370 (14.6 in)		
Angle of approach	H106	26.21°		
Angle of departure	H107	22.43°	20.17°	
Ramp breakover angle	H147	17.31°		
Rear axle differential to ground	H153	150 (5.9 in)		
Min. running ground clearance	H156	135 (5.3 in)		
Location of min. run. grd. clear.		K-Brace Under Front Crossmember		

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified. Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

MVMA Specifications Form
Passenger Car

Car Line CHEVETTE
Model Year 1979 Issued 9/78 Revised (*) 2/79

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	2-Door, Hatchback Coupes		4-Door Hatchback Sedan
	1TB08	1TJ08	1TB68

Front Compartment

SAE Ref. No.	2-Door, Hatchback Coupes	4-Door Hatchback Sedan
Sg RP front. "X" coordinate	L31	1118 (44.0 in)
Effective head room	H61	968 (38.1 in)
Effective T Point head room	H75	974 (38.3 in)
Max. eff. leg room—accelerator	L34	1055 (41.5 in)
Sg RP — front to heel	H30	258 (10.1 in)
Design H-point front travel	L17	134 (5.3 in)
Shoulder room	W3	1273 (50.1 in)
Hip room	W5	1268 (49.9 in)
Upper body opening to ground	H50	1208 (47.6 in)
Steering Wheel Angle	H18	30.23°
Back Angle	L40	26.5°

Rear Compartment

SAE Ref. No.	2-Door, Hatchback Coupes	4-Door Hatchback Sedan
Sg RP Point couple distance	L50	678 (26.7 in)
Effective head room	H63	947 (37.3 in)
Effective T Point head room	H76	941 (37.0 in)
Min. effective leg room	L51	776 (30.6 in)
Sg RP—second to heel	H31	278 (10.9 in)
Knee clearance	L48	-68 (-2.7 in)
Compartment room	L3	569 (22.4 in)
Shoulder room	W4	1253 (49.3 in)
Hip room	W6	1036 (40.8 in)
Upper body opening to ground	H51	1199 (47.2 in)

Luggage Compartment

SAE Ref. No.	2-Door, Hatchback Coupes	4-Door Hatchback Sedan
Usable luggage capacity—L (cu. ft.)	V1	--
Liftover height	H195	722 (28.4 in)

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) _____

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	2-Door Hatchback Coupes 1TB08	4-Door Hatchback Sedan 1TB68
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Station Wagon — Third Seat

Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H85	NOT APPLICABLE
Effective T Point head room	H86	
Seat facing direction	SD1	

Station Wagon — Cargo Space

Cargo length—open—front	L200	
Cargo length—open—second	L201	
Cargo length—closed—front	L202	
Cargo length—closed—second	L203	
Cargo length at belt—front	L204	
Cargo length at belt—second	L205	
Cargo width—wheelhouse	W201	
Rear opening width at floor	W203	NOT APPLICABLE
Opening width at belt	W204	
Max. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Tail gate to ground height	H25C	
Front seat back to load floor height	H197	
Cargo volume index—L (ft. ³)	V2	
Hidden cargo volume—L (ft. ³)	V4	

Hatchback — Cargo Space

Front seat back to load floor height	H197	488 (19.2 in)	489 (19.3 in)
Cargo length at front seat back height	L208	950 (37.4 in)	1026 (40.4 in)
Cargo length at floor—front	L209	1474 (58.0 in)	1547 (61.0 in)
Cargo volume index—L (ft. ³)	V3	742L (26.3 cu. ft.)	775L (27.4 cu. ft.)
Hidden cargo volume—L (ft. ³)	V4		

A printed or computer tape supplement containing additional car and body dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications Form Passenger Car

CHEVETTE

Car Line _____
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Car and Body Dimensions See Key Sheets for definitions

Body Type	
2-Door Hatchback Coupes 1TB08	4-Door Hatchback Sedan 1TB68

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location		
Front	X	Fiducial Mark to Vertical Base Grid Line-Front, Measured Horizontally From Base Grid Line to the Front Fiducial Mark Located on Top of the Front Seat Adjuster Mounting Bolt.	
	Y	Fiducial Mark to Centerline of Car - Front, Width Measurement Made from Centerline of Car to the Fiducial Mark Located on Top of the Front Seat Adjuster Mounting Bolt.	
	Z	Fiducial Mark to Horizontal Base Grid Line - Front, Measured Vertically from Base Grid Line to Front Fiducial Mark located on Top of the Front Seat Adjuster Mounting Bolt.	
Rear	X	Fiducial Mark to Vertical Base Grid Line - Rear, Measured Horizontally From Base Grid Line to the Rear Fiducial Mark Located on Rear Underbody Crossbar.	
	Y	Fiducial Mark to Centerline of Car - Rear, Width Measurement Made from Centerline of Car to Fiducial Mark Located on Rear Underbody Crossbar.	
	Z	Fiducial Mark to Horizontal Base Grid Line - Rear, Measured Vertically from Base Grid Line to the Rear Fiducial Mark Located on Rear Underbody Crossbar.	
Front	W21	Y	504 (19.84)
	L54	X	750 (29.53)
	H81	Z	150 (5.90)
	H161		188.23 (7.42)
	H163	162.01 (6.39) 159.40 (6.28)	160.27 (6.32)
Rear	W22	Y	195 (7.7)
	L55	X	2850 (112.20) 2926 (115.20)
	H82	Z	278 (10.9)
	H162		320.44 (12.61) 320.47 (12.62)
	H164	299.13 (11.78) 285.90 (11.26)	285.54 (11.24)

*Reference - SAE Recommended Practice, J182a, A Motor Vehicle Fiducial Marks - September, 1973.

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	2-Door Hatchback Coupes	4-Door Hatchback Sedan
	1TB08	1TB68
	1TJ08	

Glass

Backlight slope angle	H121	58.5°	
Windshield slope angle	H122	52.8°	
Tumble-Home	W122	20.3°	
Windshield glass exposed surface area—cm ² (in. ²)	S1	6950 (1077.3 sq. in.)	
Side glass exposed surface area—cm ² (in. ²)	S2	10476 (1623.8 sq. in.)	10793 (1672.9 sq. in.)
Backlight glass exposed surface area—cm ² (in. ²)	S3	5422 (840.4) sq. in.)	
Total glass exposed surface area—cm ² (in. ²)	S4	22848 (3541.4 sq. in.)	23165 (3590.6 sq. in.)
Windshield glass type		Curved-Laminated plate	
Side glass type		Curved-Tempered plate	
Backlight glass type		Curved-Tempered plate	

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	625.5 (24.6)		
		Lowest	--		
	Tail (H126)	Highest	622.9 (24.5)	623.1 (24.5)	
		Lowest	--		
	Sidemarker	Front	506.5 (19.9)		
		Rear	487.9 (19.2)	488.1 (19.2)	
Distance from C/L of car to center of bulb	Headlamp	Inside			
		Outside**			
	Tail	Inside			
		Outside			
	Directional	Front			
		Rear			
● Headlamp Shape		Rectangular			

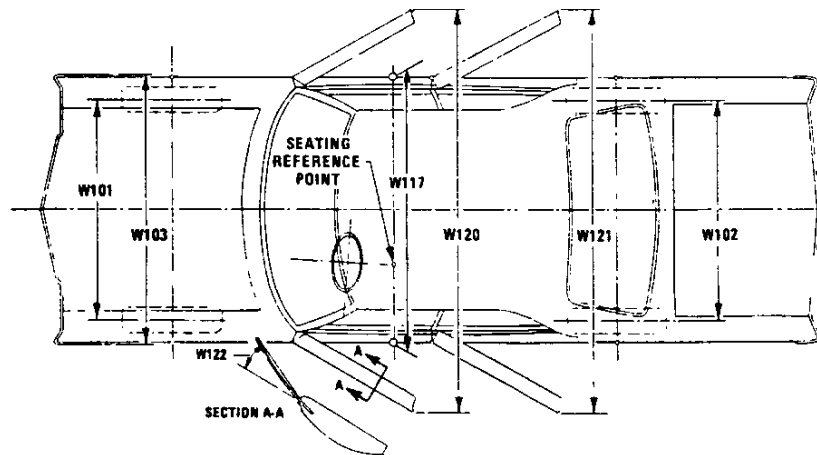
* Measured at curb mass (weight).

** If single headlamps are used enter here

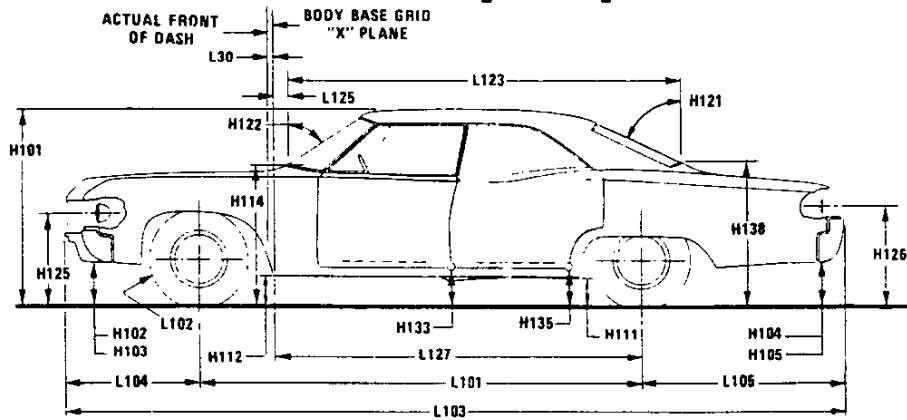
MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet

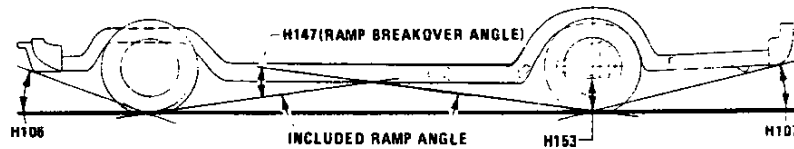
Exterior Width



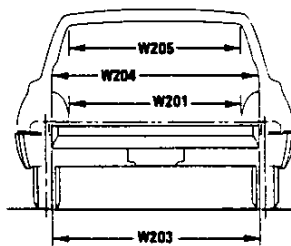
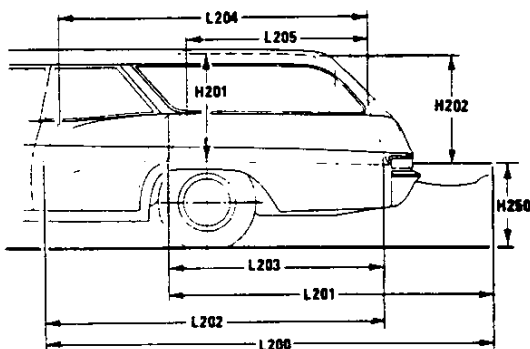
Exterior Length & Height



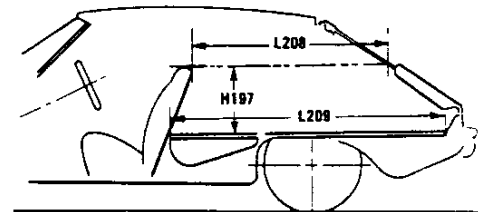
Exterior Ground Clearance



Cargo Space



Station Wagon

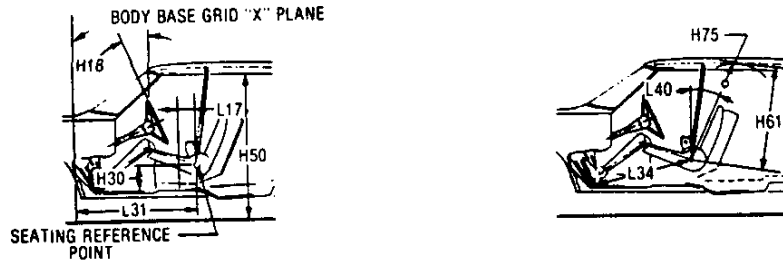


Hatchback

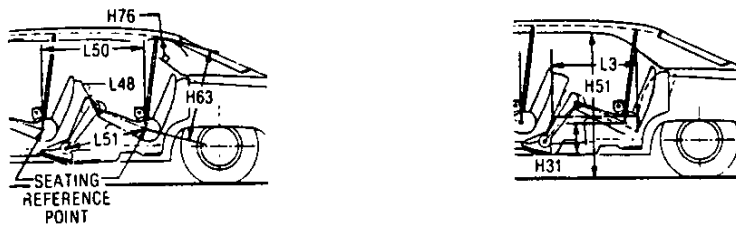
MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet

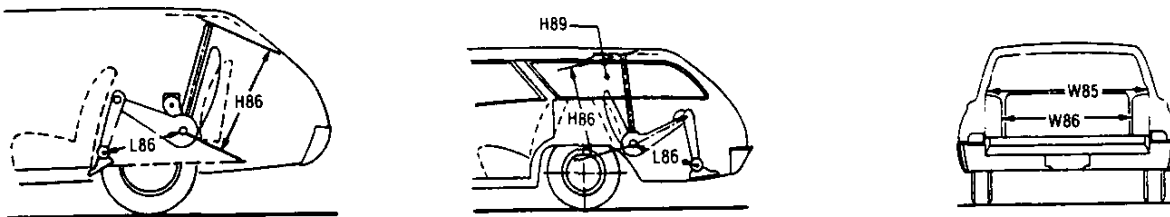
Front Compartment



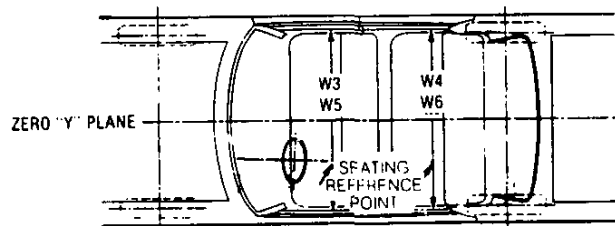
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form

Passenger Car

Exterior Car And Body Dimensions — Key Sheet

Dimension Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which —

(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;

(b) Has coordinates established relative to the designed vehicle structure;

(c) Simulates the position of the pivot center of the human torso and thigh; and

(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

Width Dimensions

W101 TREAD — FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD — REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP — FRONT. The dimension measured laterally between the widest points on the body at the SgRP - front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH — FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH — REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE HOME, STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO, at the outside surface of the front door glass at the front SgRP "X" plane.

Length Dimensions

L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash is forward of the zero "X" plane.

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L102 TIRE SIZE. As specified by the manufacturer.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHANG — FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG — REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.

L125 COWL POINT "X" COORDINATE.

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H138 DECK POINT TO GROUND. Measured at zero "Y" plane.

H112 ROCKER PANEL — FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.

H132 BOTTOM OF DOOR OPEN — FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H111 ROCKER PANEL — REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.

H134 BOTTOM OF DOOR OPEN — REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H135 BOTTOM OF DOOR CLOSED — REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.

H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.

H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield are running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 18.0 in. (457 mm) long, drawn from the lower DLO to the intersecting point on the windshield.

H125 HEADLAMP TO GROUND. The dimension measured vertically from the centerline of the lowest headlamp lens to ground.

H126 TAILLAMP TO GROUND. The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

- H103 FRONT BUMPER TO GROUND — CURB WEIGHT. Measured in the same manner as H104.
- H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.
- H105 REAR BUMPER TO GROUND — CURB WEIGHT. Measured in the same manner as H104.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

Front Compartment Dimensions

- PD1 PASSENGER DISTRIBUTION — FRONT.
- L31 SgRP — FRONT "X" COORDINATED.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension measured along a line 8 deg rear of vertical from the SgRP - front to the headline, plus 4.0 in. (102 mm).
- H75 EFFECTIVE T-POINT HEAD ROOM — FRONT. The minimum radius from the T-point to the headlining plus 30 in. (762 mm).
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP - front plus 10.0 in. (254 mm) measured with right foot on the un-depressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- H30 SgRP — FRONT TO HEEL. The dimension measured vertically from the SgRP - front to the accelerator heel point.
- L17 DESIGN H-POINT — FRONT TRAVEL. The dimension measured horizontally between the design H-point - front in the foremost and rearmost seat track positions.
- W3 SHOULDER ROOM — FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP - front within the belt line and 10.0 in. (254 mm) above the SgRP - front.
- W5 HIP ROOM — FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP - front within 1.0 in. (25 mm) below and 3.0 (76 mm) above the SgRP - front and 3.0 (76 mm) fore and aft of the SgRP - front.
- H150 UPPER BODY OPENING TO GROUND — FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP - front "X" plane.
- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.

- L40 BACK ANGLE — FRONT. The angle measured between a vertical line through the SgRP - front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

Rear Compartment Dimensions

- PD2 PASSENGER DISTRIBUTION — SECOND.
- L50 SgRP COUPLE DISTANCE. The dimension measured horizontally from the driver SgRP - front to the SgRP - second.
- H63 EFFECTIVE HEAD ROOM — SECOND. The dimension measured along a line 8 deg rear of vertical from the SgRP - second to the headlining, plus 4.0 in. (102 mm).
- H76 EFFECTIVE T-POINT HEAD ROOM — SECOND. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM — SECOND. The dimension measured along a line from the ankle pivot center to the SgRP - second plus 10.0 in. (254 mm).
- H31 SgRP — SECOND TO HEEL. The dimension measured vertically from the SgRP - second to the two dimensional device heel point on the depressed floor covering.
- L48 KNEE CLEARANCE — SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 2.0 in. (51 mm).
- L3 COMPARTMENT ROOM — SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.
- W4 SHOULDER ROOM — SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP - second within 10.0-16.0 in. (254-406 mm) above the SgRP - second.
- W6 HIP ROOM — SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND — SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 13.0 in. (330 mm) forward of the SgRP - second.

Luggage Compartment Dimensions

- V1 USABLE LUGGAGE CAPACITY — Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100A.
- H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Station Wagon - Third Seat Dimensions

- PD3 PASSENGER DIRECTION — THIRD.
- W85 SHOULDER ROOM — THIRD. Measured in the same manner as W5.
- W86 HIP ROOM — THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM — THIRD. The dimension measured along a line from the ankle pivot center to the SgRP - third plus 10.0 in. (254 mm).
- H86 EFFECTIVE HEAD ROOM — THIRD. The dimension measured along a line 8 deg from the SgRP - third to the headlining rear of vertical plus a constant of 4.0 in. (102 mm).
- H89 EFFECTIVE T-POINT HEAD ROOM — THIRD. Measured in the same manner as H75.

Station Wagon - Cargo Space Dimensions

- L200 CARGO LENGTH — OPEN — FRONT. The minimum dimension measured longitudinally from the back of

MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

- the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.
- L201 CARGO LENGTH — OPEN — SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.
- L202 CARGO LENGTH — CLOSED — FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L203 CARGO LENGTH — CLOSED — SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT — FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab back panel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT — SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- W201 CARGO WIDTH — WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.
- W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.
- W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.
- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND (CURB WEIGHT). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

V2 STATION WAGON.
Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = \text{Ft.}^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

Hatchback — Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electrically adjusted seats, see manufacturer's specifications for Design "4" Point).

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR — FRONT — HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

V3 HATCHBACK.
Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = \text{Ft.}^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

MVMA Specifications Form Passenger Car

Index

Subject	Page No.	Subject	Page No.
Alternator	12	Lamps and Headlamp Shape	30
Automatic Transmission	16	Legroom	27,28
Axis, Steering	20	Lengths — Car and Body	26
Axle, Rear	2,16	Lifters, valve	6
Battery	12	Linings — Clutch, Brake	15,19
Bearings, Engine	4,5,7	Lubrication	7,15,16,17
Belts — Fan, Generator, Water Pump	9	Luggage Compartment	27
Brakes — Parking, Service	18,19	Mass	27,28
Camber	20	Models	1
Camshaft	5	Motor, Starting	15
Capacities		Muffler	10
Cooling System	12	Passenger Capacity	1
Fuel Tank	8	Passenger Mass Distribution	24
Lubricants		Piston Pins & Rings	3,4
Engine Crankcase	7	Pistons	3,4
Transmission	15,16	Power Brakes	19
Rear Axle	16	Power Engine	2
Car Models	1	Power Steering	20
Car and Body Dimensions		Power Teams	2
Width	26	Propeller Shaft, Universal Joints	17
Length	26	Pumps — Oil, Fuel	7,8
Height	26	Water	9
Ground Clearance	26	Radiator — Cap, Hoses	9
Front Compartment	27	Ratios — Axle	2,16
Rear Compartment	27	Compression	2,3
Luggage Compartment	27	Steering	20
Station Wagon — Third Seat	28	Transmission	15,16
Station Wagon — Cargo Space	28	Rear Axle	2,16
Hatchback — Cargo Space	28	Regulator — Generator	12
Carburetor	2,8,11	Rims	18
Caster	20	Rings, Piston	4
Choke, Automatic	8	Rods — Connecting	4
Clutch — Pedal Operated	15	Seats	22
Coil, Ignition	14	Shock Absorbers, Front & Rear	21
Connecting Rods	4	Spark Plugs	14
Convenience Equipment	23	Speedometer	14
Cooling System	9	Springs — Front & Rear Suspension	21
Crankshaft	5	Stabilizer (Sway Bar) — Front & Rear	21
Cylinders and Cylinder Head	3	Starting System	12
Dimension Definitions		Steering	20
Key Sheet — Exterior	31,33	Suppression — Ignition, Radio	14
Key Sheet — Interior	32,34,35	Suspension — Front & Rear	21
Distributor — Ignition	13	Tail Pipe	7
Electrical System	12,13,14	Theft Protection	23
Emission Controls	10,11	Thermostat, Cooling	9
Engine		Timing — Valve, Ignition	6,13
Bore, Stroke, Type	3	Tires	18
Compression Ratio	2,3	Toe in	20
Displacement	2	Torque Converter	16
Firing Order, Cylinder Numbering	3	Torque — Engine	2
General Information, Power & Torque	2,3	Transmission — Types	2,8,15,16
Identification Number Location	22	Transmission — Automatic	2,8,15,16
Lubrication	7	Transmission — Manual	2,8,15
Power Teams	2	Transmission — Ratios	15,16
Exhaust System	7	Tread	26
Equipment Availability	24	Trunk Cargo Load	1
Fan, Cooling	9	Trunk Luggage Capacity	27
Fiducial Marks	29	Turning Diameter	20
Filters — Engine Oil, Fuel System	7,8	Unitized Construction	22
Frame	22	Universal Joints, Propeller Shaft	17
Front Suspension	21	Valves — Intake & Exhaust	6
Fuel, Fuel Pump, Fuel System	3,8,11	Vehicle Identification Number	22
Fuel Injection	8	Voltage Regulator	12
Generator and Regulator	12	Water Pump	9
Glass	30	Weights	24,25
Headroom — Body	27,28	Wheel Alignment	20
Heights — Car and Body	26	Wheelbase	26
Horns	14	Wheels & Tires	18
Horsepower — Brake	2	Wheel Spindle	20
Ignition System	13,14	Widths — Car and Body	26
Inflation — Tires	18	Windshield	30
Instruments	14	Windshield Wiper and Washer	14
Kingpin (Steering Axis)	20		

