

1994
CHEVROLET
CORSICA

ORDERING INFORMATION

Focus Vehicle for 1994 is the Corsica Sedan. This five-passenger family automobile offers a wide array of safety, comfort and convenience features in a contemporary design. When equipped with the recommended PEG 1 (LBA1), this model represents the best opportunity for high-volume Corsica sales at your dealership.

Feature Vehicle is also the Corsica Sedan (further detailed on the following sheet).

Safety and Security

■ **Driver Air Bag**—in conjunction with seat belts, helps protect driver in certain frontal collisions ■ **Four-Wheel Anti-Lock Brakes**—help reduce wheel lockup to maintain steering control during severe braking, even on slippery roads ■ **Brake/Transmission Shift Interlock (BTSI)**—prevents transmission from inadvertently being shifted out of park without first applying the foot brake ■ **Standard Power Door Locks with Automatic Locking/Unlocking Feature**—doors automatically lock when vehicle is shifted out of park and automatically unlock when shifted into park ■ **Smart Battery Rundown Protection**—automatically shuts off battery if lights are inadvertently left on ■ **Delayed Entry Exit Lighting**—interior lights remain on after door is opened to permit safe entry/exit

Performance

■ **2.2 Liter 4-Cylinder Engine with Multi-Port Fuel Injection**—redesigned for lower friction, improved fuel economy and increased power ■ **Three-Speed Automatic Transmission**—smooth, consistent shifts ■ **Power Rack and Pinion Steering**—a compact, lightweight system that provides easy control of vehicle's steering ■ **Power Front Disc/Rear Drum Brakes**—provide sure stopping power with minimal pedal effort

Appearance

■ **Base Coat/Clear Coat Paint**—resists fading and provides high gloss shine for long-lasting exterior beauty ■ **Two-Sided Galvanized Steel**—zinc-coated outer body panels (except roof) resist corrosion ■ **Medium Adriatic Blue and Blackrose Metallic Exterior Colors**—allow the customer a wider choice ■ **Medium Blue Interior Color**—offers a wider interior color selection ■ **Bolt-on Full Wheel Covers**—attractive design is bolted on to reduce chance of loss or theft ■ **Door Panels**—redesigned for 1994 with passive front seat belts

Comfort and Convenience

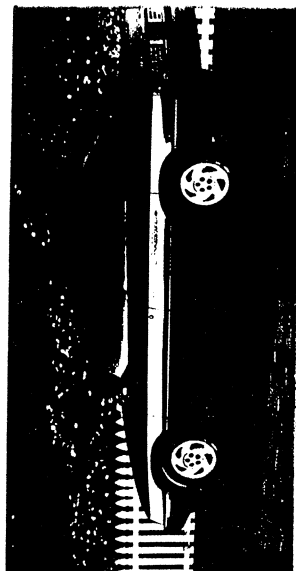
■ **Rear Seat Child Safety Belt Comfort Guide**—provides comfortable placement of seat belt for smaller rear seat occupants ■ **Rear Seating Area Heat Ducts**—provide better heat distribution to rear seat passengers for increased comfort ■ **Headlights-on Reminder**—audibly warns driver to shut off vehicle's lights before exiting ■ **Intermittent Wipers**—allow driver to match wiper speed to weather conditions ■ **Center Shift Console with Integral Armrest, Covered Storage, Cigarette Lighter, Cupholders and Ashtray**—enhances interior appearance and combines several comfort and convenience features into a single unit ■ **Luggage Area Convenience Net**—keeps small parcels secure within the cargo area ■ **Driver-Side 4-Way Manual Seat Adjuster**—allows individual seat placement for optimum comfort ■ **Cloth Reclining Bucket Seats**—with adjustable head restraints

Easy-To-Own

■ **Scotchgard™ Fabric Protector**—on seats, door panels, carpeting and floor mats: resists stains and makes cleanup easy ■ **Stainless Steel Exhaust**—includes all pipes, catalytic converter and muffler to resist corrosion ■ **Low Oil Level Indicator**—warns driver of low oil level to prevent engine damage ■ **CFC-Free Air Conditioning**—quickly cools interior for maximum occupant comfort and contains no ozone-depleting CFCs

RED ■ : New Feature
BLACK ■ : Focus Vehicle Feature

FEATURE VEHICLE: CORSCICA SEDAN

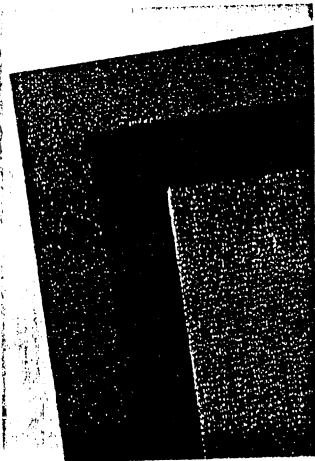


FOCUS
VEHICLE:
CORSCICA
SEDAN

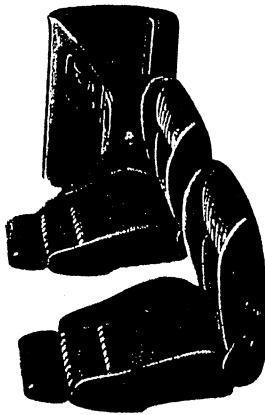


Trim Color/Seat Style Availability

Cloth
available in Medium Blue, Garnet Red
and Gray

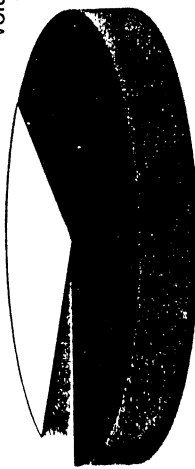


Reclining Bucket Seats
with Adjustable Head Restraints



Four Most Popular Exterior Colors By Percentage

Below are the anticipated four most popular Corsica colors for 1994 based on national sales volume. They are listed for reference only. To identify the top selling colors in your area, by model, use the Retail Sales Analysis (RSA).



Bright White 33%
Medium Adriatic Blue Metallic 25%
Medium Garnet Red 24%
Blackrose Metallic 13%

Four Most Popular Exterior Colors with Corresponding Interior Color Availability

	I	N	T	E	R	I	O	R
	Medium Blue		Garnet Red		Gray			
Bright White	■			■			■	
Medium Adriatic Blue Metallic		■					■	
Medium Garnet Red				■			■	

Wheels



New Corsica standard
14" bolt-on
full wheel cover



Corsica optional
14" styled steel wheel

Corsica features the comfort and safety desired by young families at an affordable price. With its combination of practicality and comfort, Corsica is an ideal sedan for lower to middle income families.

Buyer Demographics

- **Corsica** buyer's median age is 44
- Average household income is \$40,000
- Most Corsica buyers are married (72%)
- More than half (63%) of all buyers are female

Competitive Vehicles

- **Corsica's** top competitors include Ford Tempo, Mercury Topaz, Plymouth Acclaim, Dodge Spirit, Buick Skylark, Pontiac Grand Am and Oldsmobile Achieva

Corsica Sedan (base)

Feature Vehicle for 1994 is the base Corsica Sedan. Its sleek aerodynamic styling surrounds the comfortable 5-passenger interior, which offers an array of convenience and safety features. The standard GM-engineered driver air bag is the finest on the market. Coupled with the standard anti-lock brakes, Corsica provides a total package of accident avoidance and occupant protection features.

Corsica also offers a rear seat safety belt re-router which is designed to increase the comfort of small children ages 4-10. It allows the positioning of the shoulder belt to be lowered, providing a more comfortable fit.

Corsica also features as standard:

- Air Conditioning
- Power Door Locks with Auto Lock/Unlock
- 3-Speed Automatic Transmission

Focus Vehicle: Corsica Sedan Ordering

Recommendations

Recommended Corsica Sedan content, based on national sales volume, is listed below to assist your dealership in ordering.

**Corsica Sedan with Preferred
Equipment Group 1 (LBA1)**

- Intermittent Wipers
- Luggage Area Convenience Net
- Color-Keyed Carpeted Floor Mats with Scotchgard™ Fabric Protector
- Inside Day/Night Rearview Mirror with Reading Lamps
- Dual Covered Visor Mirrors

NOTE: Model, PEG and optional content may vary in your locality. Use Retail Sales Analysis (RSA) to verify or specifically select your dealership's Corsica Focus Vehicle content.

Notes

Corsica Feature Availability

	Corsica Sedan
2.2L MFI L4	S
3.1L MFI V6	O1
3-Speed Automatic Transmission	S
4-Speed Automatic Transmission	O2
P185/75R-14 Blackwall Tires	S
P185/75R-14 Whitewall Tires	O
Driver Air Bag	S
4-Wheel Anti-Lock Brakes	S
Power Front Disc/Rear Drum Brakes	S
Brake/Transmission Shift Interlock	S
Power Rack and Pinion Steering	S
Tilt Steering Wheel	O
CFC-Free Air Conditioning	S
Rear Window Defogger	O
Smart Battery Rundown Protection	S
Rear Console Heating Ducts	S
Intermittent Windshield Wipers	O
Basecoat/Clearcoat Paint	S
Stainless Steel Exhaust	S
Scotchgard™ Fabric Protector	S
Cargo Convenience Net	O
Power Locks with Auto Lock/Unlock	S
Power Windows with Driver Auto Down	O

S=Standard
O=Optional
1 Requires 4-Speed Automatic Transmission
2 N/A with LN2 (2.2L L4 engine)

Additional Information on Significant Features

- For 1994, Chevrolet continues to upgrade its accident avoidance and occupant safety features. One such feature is **new Power Door Locks with Automatic Locking/Unlocking**. When shifting out of Park, the doors are automatically locked. All doors will automatically unlock when the shifter is placed back into Park or the ignition key is turned to the "off" position.
- Another important safety feature is **Brake/Transmission Shift Interlock** which prevents the driver from shifting out of Park unless depressing the brake pedal, thereby reducing the possibility of accidental shifting.

Deletions and Rationale

- Due to overwhelming demand for the automatic transmission, Corsica has discontinued the 5-speed manual transmission for 1994. Orders for this feature were less than 3% of total sales.
- Two-tone paint option, Maui Blue Metallic and Medium Quasar Blue exterior colors, and beige interior have been cancelled since these were low-volume customer choices. Two new colors provide a wider choice of exterior colors for 1994—Medium Adriatic Blue Metallic and Blackrose Metallic.
- ABS badging has been removed from the rear bumper to provide cleaner lines and continuity.
- LT designator was deleted.
- Z52 Sport handling package is no longer available due to low demand.
- Deck lid luggage rack dropped due to low demand.

CORSICA

DIMENSIONS (inches)

EXTERIOR

Wheelbase	103.4
Length (overall)	183.5
Width (overall)	68.0
Height (overall)	54.0

INTERIOR

Head Room-Front/Rear	38.4/37.4
Leg Room-Front/Rear	43.4/33.8
Hip Room-Front/Rear	50.7/51.5
Shoulder Room-Front/Rear	54.3/54.8

LUGGAGE COMPARTMENT CAPACITY (cu. ft.)

Usable Luggage Capacity	13.5
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RATED FUEL TANK CAPACITY (gallons)	15.2
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EXTERIOR

- Brake System, 4-Wheel Anti-Lock
- Brake System, Power Front Disc/Rear Drum
- Brake/Transmission Shift Interlock (Auto Trans Only)
- Bumpers, 5-MPH
- Engine, 2.2 Liter MFI L4
- Exhaust, Stainless Steel
- Glass, Tinted
- Grille, Black
- Headlamps, Composite Halogen
- Insulator Blanket, Under Hood
- Mirrors, Rearview, Dual Remote Outside, Black
- Moldings, Black Body Side and Facia Rub Strips with Narrow Black Insert
- Moldings, Door and Window Reveal
- Paint, Base Coat/Clear Coat
- Smart Battery Rundown Protection
- Steering, Power Rack and Pinion
- Suspension, Level I Soft Ride
- Tires, P185/75 R14 B/W
- Transmission, 3-Speed Automatic
- Trim, Full Trunk
- Wheel Covers, Full, Bolt-On

INTERIOR

- Air Bag System (Driver Side)
- Air Conditioning
- Console, Center Shift w/Integral Armrest, Covered Storage, Lighter, Cupholder and Ashtray
- Cupholder, Retractable in Instrument Panel
- Door Locks, Automatic w/Relock and Unlock Feature
- Fabric Protector, Scotchgard (Includes Seats, Door Trim and Floor Covering)
- Heat Ducts, Rear Seat
- Lamps, Courtesy: Dome, Under Dash, Trunk
- Lighting, Delayed Entry/Exit w/Theatre Dimming
- Light, Low Coolant Level (V6 only)
- Light, Low Oil Level
- Map Pockets, Front Door
- Radio, Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock and Extended Range Speakers
- Reminder, Headlamps-On
- Safety Belt, Rear Comfort Guide
- Seat Belt System, Passive Front
- Seats, Cloth Reclining Bucket with Adjustable Head Restraints and a Driver's Side 4-Way Manual Seat Adjuster
- Visors, LH and RH w/Map Straps and Passenger Side Vanity Mirror

MUST SPECIFY: ENGINE, TRANSMISSION, EMISSIONS
MUST ORDER ONE GROUP -- NO DELETIONS ALLOWED

Base Preferred Equipment Group (Refer Standard Summary Page)			
N.C.	LBAB	LBA1	LBA2
	x		
Preferred Equipment Group 1			
165.00		x	x
Carpets Mats, Color-Keyed Front and Rear with Scotchgard		x	x
Windshield Wipers: intermittent		x	x
Day/Night Rear View Mirror with Reading Lamps		x	x
LH and RH Covered Visor Mirrors		x	x
Luggage Area Convenience Net		x	x
Preferred Equipment Group 2			
745.00			x
Tilt-Wheel			x
Split Folding Rear Seat with Armrest			x
Speed Control, Electronic with Resume Speed			x
Power Trunk Opener			x

ADDITIONAL OPTIONS

ACKNOWLEDGEMENTS				RADIO EQUIPMENT	
R8S	Multiple Order Numbers	V.P.S.	UM6	Electronically Tuned AM/FM Stereo	
R8T	Preliminary Invoice			Radio w/Seek-Scan, Digital Clock, Stereo Cassette Tape and Coaxial Front and Extended Range Rear Speakers	
VK3	BRACKET: License Plate, Front	V.P.S.	U1C	Electronically Tuned AM/FM Stereo Radio w/Seek-Scan, Digital Clock, Compact Disc Player, Delco Loc II, Coaxial Front and Extended Range Rear Speakers	
20.00	CLIMATE CONTROL Heater, Engine Block				
170.00	Options must be Specified Defogger, Rear Window, Electric	N.C.	C**2	SEAT TRIM: Cloth Bucket	
N.C.	Defogger, Rear Window not Desired	68.00	QFF	TIRES: P185/75 R14 W/S	
EMISSIONS: (Refer Emission Requirements Tab Section)				TRANSMISSION	
FE9	Federal Emission Requirements	N.C.	MX1	3-Speed Automatic (Base)	
NG1	NY State Emission Requirements	N.C.	MX0	4-Speed Automatic (N/A w/LN2)	
YF5	California Emission Requirements				
NB8	California/NY Emission Override (Reqs FE9 Emission)	56.00	PC4	WHEELS: 14" Styled Steel	
NC7	Federal Emission Override (Reqs YF5/NG1 Emission)	340.00	A31	WINDOWS: Power w/Driver Express Down	
N.C.					
ENGINE					
LN2	2.2 Liter MFI L4 (Base)				
L82	3.1 Liter SFI V6 (Req MX0 Trans)				
N.C.					
720.00					

COLOR AND TRIM SELECTION

PLEASE NOTE: The Exterior Paint and Interior Trim Combinations Shown Below are the Only Combinations that are Available.

Interior Trim Color		SEAT TYPE			
MODEL		Med Blue	Garnet Red	Med Gray	
1L269	Cloth Bucket	CDD2	CFF2	CQQ2	

SOLID PAINT APPLICATION

Exterior Paint Color	Color Code 1	Color Code 2	Med Blue	Garnet Red	Med Gray
Aqua Bright (Met)	43	43			x
Black	41	41		x	x
Black Rose (Met)	73	73			x
Blue Med Adriatic (Met)	30	30	x		x
Gray Dark Green (Met)	18	18			x
Gray Light (Met)	14	14	x	x	x
Red Med Garnet (Met)	72	72		x	x
White Bright	16	16	x	x	x

POWER TEAMS

ENGINE OPTION CONDITION		FINAL DRIVE RATIO	
		2.97	3.18
WITH FE9 FEDERAL EMISSIONS			
* LN2	MX1	----	Std
L82	MX0	Std	----
WITH YF5 CALIFORNIA OR NG1 NY STATE EMISSIONS			
LN2	MX1	----	Std
L82	MX0	Std	---

*LN2 With MX1 Power Team N/A Hawaii

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Vehicle Line CORSICA		
Mailing Address 30007 VAN DYKE WARREN, MI 48090-9065	<table border="1"> <tr> <td> Issued SEPTEMBER, 1993 </td> <td> Revised </td> </tr> </table>	Issued SEPTEMBER, 1993	Revised
Issued SEPTEMBER, 1993	Revised		

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This specification form was developed by the vehicle manufacturing companies under the auspices of the American Automobile Manufacturers Association.

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

MVMA

Ø Indicates Format Change
From Previous Year

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4	Diesel Information
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6	Fuel System
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7	Exhaust System
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14	Steering
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NOTE:

- This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
- UNLESS OTHERWISE INDICATED:
 - Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - Nominal design dimensions are used throughout these specifications.
 - All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
- The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.

Vehicle Origin

Design & development (company)	Chevrolet Car Division
Where built (country)	U.S.A.
Authorized U.S. Sales marketing representative	Chevrolet Motor Division

Vehicle Models

Model Description & Drive (FWD/RWD/AWD/4WD)*	Make, Vehicle Models, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (pounds)	EPA Fuel Economy (City/Hwy)
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CORSICA 4-Door Notchback Sedan (FWD)	1LD69	5 (2/3)	64 (141)	25/31
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ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		Inline, Front, Transverse - OHV	
Manufacturer		General Motors Powertrain Division	
No. of cylinders		4	
Bore		89.0 mm (3.50 in.)	
Stroke		88.0 mm (3.46 in.)	
Bore spacing (C/L to C/L)		99.0 mm (3.90 in.)	
Cyl block matl & mass kg(lbs.) (machined)		Cast iron, 40 (88)	
Cylinder block deck height		216.65 mm (8.53 in.)	
Cylinder block length		443 mm (17.44 in.)	
Deck clearance (minimum) (above or below block)		.6 mm (.024 in.) Below	
Cyl. head material & mass kg (lbs.)		Aluminum, 9.7 (21.3)	
Cylinder head volume cu. cm. (cu. in.)		32.8 (2.00)	
Cylinder liner material		No Liner	
Head gasket thickness (compressed)		1.50 (.059)	
Minimum combustion chamber total volume cu. cm. (cu. in.)		67.34 (4.11)	
Cyl. no. system (front to rear)*	L. Bank	1-2-3-4	
	R. Bank	-	
Firing order		1-3-4-2	
Intake manifold matl & mass kg(lbs.) **		Aluminum, 3.9 (8.6)	
Exh. manifold matl & mass kg (lbs.) **		Nodular Cast Iron, 4.5 (10)	
Knock sensor (number & location)		One, Right Side Of Block	
Fuel required unleaded, diesel, etc.		Unleaded	
Fuel antiknock index (R + M) / 2		87	
Engine mounts	Quantity	3 Manual	2 Auto
	Matl and type (elastomeric, hydroelastic, hydraulic damper, etc.)	(2 Manual) Elastomeric (1 Auto.) Hydroelastic (1)	
	Added isolation (sub-frame, crossmember, etc.)	No	
Total dressed engine mass (wt) dry***		147.7 kg (325 lbs.) Automatic	163.3 kg (359 lbs.) Manual

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum, 328 (11.57)
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Engine Camshaft

Location	In Block, Right Side
Material & mass kg (weight, lbs.)	Assembled Steel
Drive type	Chain
Chain/belt width/pitch	19.3 / 9.5 mm (.76 / .37 in.)

*Bear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sonic, dohc, ohv, hemi, wedge, pre-chamber, etc.)		60 deg. V, Transverse, OHV, Front-Wheel-Drive	
Manufacturer		General Motors Powertrain Division	
No. of cylinders		6	
Bore		89.00	
Stroke		84.01	
Bore spacing (C/L to C/L)		111.76 (4.4)	
Cyl block matl & mass kg(lbs.) (machined)		Cast Iron	
Cylinder block deck height		224.0mm (9.0 in.)	
Cylinder block length		435.5mm (17.4 in.)	
Deck clearance (minimum) (above or below block)			
Cyl. head material & mass kg (lbs.)		Cast Aluminum	
Cylinder head volume cu. cm. (cu. in.)			
Cylinder liner material		None	
Head gasket thickness (compressed)			
Minimum combustion chamber total volume cu. cm. (cu. in.)			
Cyl. no. system (front to rear)*	L. Bank	2-4-6	
	R. Bank	1-3-5	
Firing order		1-2-3-4-5-6	
Intake manifold matl & mass kg(lbs.) **		Cast Aluminum	
Exh. manifold matl & mass kg (lbs.) **		Cast Iron	
Knock sensor (number & location)		One, Left Side Center Of Block	
Fuel required unleaded, diesel, etc.		Unleaded	
Fuel antiknock index (R + M) / 2		87	
Engine mounts	Quantity	3 Manual	2 Auto.
	Matl and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Hydroelastic (1) Elastomeric (1)	
	Added isolation (sub-frame, crossmember, etc.)	Not Applicable	
	Total dressed engine mass (wt) dry***	153.32 kg. (338.0 lbs.)	

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum Alloy, 369 (13.0)
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Engine Camshaft

Location	Above Crankshaft At Center Of "V"
Material & mass kg (weight, lbs.)	Assembled Steel, 2.25 (4.97)
Drive type	Chain
	Width/pitch

*Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

**Finished state.

***Dressed engine mass (weight) includes the following:

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number intake/exhaust	4/4
	Head O.D. intake/exhaust	44.0 mm (1.73 in.) / 37.0 mm (1.46 in.)

Engine – Connecting Rods

Material & mass kg., (weight, lbs.) *	Forged Steel, .544 (1.2)
Length(axes centerline to centerline)	141.95 (5.59)

Engine – Crankshaft

Material & mass kg., (weight, lbs.), *		Nodular Cast Iron, 14.4 (31.7)
End thrust taken by bearing (no.)		4
Length & number of main bearings		5, 20.72 mm (.82 in.)
Seal (material, one, two piece design, etc.)	Front	One Piece Fluoroelastomer
	Rear	One Piece Fluoroelastomer

Engine – Lubrication System

Normal oil pressure kPa(ksi) @ eng rpm	435-530 (63-77) @ 1200
Type oil intake (floating, stationary)	Stationary
Oil filter sys. (full flow, part, other)	Full Flow
Capacity of c/case, less filter-refill-L (qt.)	3.8 (4.0)

Engine – Diesel Information

(NOT APPLICABLE)

Diesel engine manufacturer	
Glow plug, current drain at 0 deg. F	
Injector Nozzle	Type
	Opening pressure kPa(ksi)
Pre-chamber design	
Fuel injection pump	Manufacturer
	Type
Fuel injl. pump drive (belt, chain, gear)	
Supplementary vacuum source (type)	
Fuel heater (yes/no)	
Water separator, description (std., opt.)	
Turbo manufacturer	
Oil cooler-type (oil to engine coolant; oil to ambient air)	
Oil filter	

Engine – Intake System

(NOT APPLICABLE)

Turbo charger – manufacturer	
Super charger – manufacturer	
Intercooler	

* Finished State

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number intake/exhaust	6/6
	Head O.D. intake/exhaust	43.64mm / 36.20mm

Engine – Connecting Rods

Material & mass kg., (weight, lbs.)*	Forged Steel/.592 (1.31)
Length (axes centerline to centerline)	144.78 (5.79)

Engine – Crankshaft

Material & mass kg., (weight, lbs.)*	Cast Iron	
End thrust taken by bearing (no.)	3	
Length & number of main bearings	4	
Seal (material, one, two piece design, etc.)	Front	Viton/Steel, One Piece
	Rear	Viton/Steel, One Piece

Engine – Lubrication System

Normal oil pressure kPa (psi) @ eng rpm	
Type oil intake (floating, stationary)	Stationary
Oil filter sys. (full flow, part, other)	Full Flow
Capacity of c/case, less filter-refill-L (qt.)	3.8 (4.0)

Engine – Diesel Information

(NOT APPLICABLE)

Diesel engine manufacturer	
Glow plug, current drain at 0 deg. F	
Injector Nozzle	Type
	Opening pressure kPa (psi)
Pre-chamber design	
Fuel in-jection pump	Manufacturer
	Type
Fuel inj. pump drive (belt, chain, gear)	
Supplementary vacuum source (type)	
Fuel heater (yes/no)	
Water separator, description (std., opt.)	
Turbo manufacturer	
Oil cooler--type (oil to engine coolant; oil to ambient air)	
Oil filter	

Engine – Intake System

(NOT APPLICABLE)

Turbo charger – manufacturer
Super charger – manufacturer
Intercooler

* Finished State

** Bearing Overall Length:

For 3.1L V6:

#1 = 24.8mm (0.976 in.)

#3 = 23.90mm (0.940 in.), Upper

18.7mm (0.736 in.), Lower

#2 = 18.7mm (0.736 in.)

#4 = 23.90mm (0.940 in.), Upper

18.7mm (0.736 in.), Lower

Engine - Cooling System

Coolant recovery system (std, opt, n.a.)	Standard
Coolant fill location (rad., bottle)	Surge Tank
Radiator cap relief valve pressure kPa (psi)	124 (18)
Circulation thermostat	Choke
	Starts to open @ deg's C(F)
	89 (192)
	Type (centrifugal, other)
	Centrifugal
	GPM 1000 pump rpm
	7.3
	Number of pumps
	1
	Drive (V-belt, other)
	V-Belt
	Bearing type
	Sealed, Ball Roller
	Impeller material
	Stamped Steel
	Housing material
	Aluminum
By-pass recirculation type (inter., ext.)	External - Thru Intake Manifold Internal
Cooling system capacity	With heater - L (qt.)
	8.7 (9.2)
	With air conditioner-L(qt.)
	8.7 (9.2)
	Opt. equip. specify-L (qt.)
Water jackets full length of cy(yes,no)	Yes
Water all around cylinder (yes, no)	Yes
Water jackets open at head face (yes,no)	Yes
	Std., A/C, HD
	Standard
	Type (cross-flow, etc.)
	Cross-Flow
	Construction (fin & tube mechanical, braze, etc.)
	Tube & Center / Brazed
Radiator core	Matl., mass kg (wgt., lbs.)
	Aluminum 3.08 (6.78) Standard 3.95 (8.69) Auto
	Width
	660 (26)
	Height
	383 (15)
	Thickness
	24 (.9)
	Fins per inch
	13 Standard
	17 Auto
Radiator end tank material	Plastic
	Std., elec., opt.
	Electric - Standard
	Number of blades & type (flex, solid, material)
	7 Plastic
	Number & location (front, rear of radiator)
	1 Fan - Behind Radiator
	Diameter & projected width
	381 (15.0)
	Ratio(fan to crnkshft.rev.)
	Not Applicable
	Fan cutout type
	ECM Controlled
Fan	Drive type (direct, remote)
	Direct - Electric Motor
	RPM at idle (elec.)
	1800
	Motor rating(wattage)(elec)
	150
	Motor switch (type & location/elec.)
	ECM
	Switch point (temp., pressure/elec.)
	On At 106; Off At 103
	On At 193; Off At 108
	Fan shroud (material)
	None

Engine - Cooling System

Coolant recovery system (std, opt, n.a.)		Standard
Coolant fill location (rad., bottle)		Bottle, Radiator
Radiator cap relief valve pressure kPa (psi)		103 (15)
Circulation thermostat	Type (choke, bypass)	Bypass
	Starts to open @ deg's C(F)	91 (195)
	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	1
Water Pump	Number of pumps	1
	Drive (V-belt, other)	Serpentine
	Bearing type	Ball-Roller
	Impeller material	Cast Iron
Housing material		Cast Aluminum
By-pass recirculation type (inter., ext.)		External
Cooling system capacity	With heater - L (qt.)	12.0 (12.7)
	With air conditioner-L (qt.)	12.0 (12.7)
	Opt. equip. specify-L (qt.)	None
Water jackets full length of cyl (yes, no)		Yes
Water all around cylinder (yes, no)		Yes
Water jackets open at head face (yes, no)		Yes
Radiator core	Std., A/C, HD	All
	Type (cross-flow, etc.)	Cross Flow
	Construction (fin & tube mechanical, braze, etc.)	Tube & Fin/Brazed
	Matl., mass kg (wgt., lbs.)	Aluminum 4.20 (9.24) Std 4.88 (10.74) Auto
	Width	660 (26)
	Height	383 (15.1)
	Thickness	24 (0.9) Standard 34 (1.3)
	Fins per inch	17
	Radiator end tank material	
	Std., elec., opt.	Plastic
Fan	Number of blades & type (flex, solid, material)	Electric - Standard
	Number & location (front, rear of radiator)	7 Plastic
	Diameter & projected width	1 Fan Behind Radiator
	Ratio (fan to crnkshft.rev.)	381 (15.0)
	Fan cutout type	Not Applicable
	Drive type (direct, remote)	ECM Controlled
	RPM at idle (elec.)	Electric
	Motor rating (wattage) (elec)	1800
	Motor switch (type & location/elec.)	150
	Switch point (temp.,/ pressure/elec.)	ECM
Fan shroud (material)		On At 193, Off At 108 PSI A/C Pressure
		On At 108, Off At 104 Deg. C
		None
		Plastic

Engine – Fuel System (See supplemental page for details of Fuel Inj, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Fuel Injection
Manufacturer		AC/Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Computer Controlled
Fuel Injection	Point of inj. (no.)	Entering Cylinder Head (Four)
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic
	Sys. press. kPa (psi)	294 – 306 (43 – 44)
Idle spd.-rpm (spec. neutral or idle and propane if used)	Manual	Computer Controlled
	Automatic	Computer Controlled
	Intake manifold heat control (exhaust or water thermostatic or fixed)	
Air cleaner type		None
Fuel filter (type/location)		Single Snorkel
Type (elec. or mech.)		Replaceable Paper Element Located Near Fuel Tank
Location (eng., tank)		Electrical
Fuel pump	Press. range kPa (psi)	Fuel Tank
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	Pressure Depends On Flow Rate And System Voltage
	62.4 @ 350 (16.51 @ 50.8) Figures For Wide Open Throttle	

Fuel Tank

Capacity refill L (gallons)		57.5 (15.2)
Location (describe)		Under Rear Seat (Forward Of Rear Axle)
Attachment		Two Longitudinal Steel Straps
Material & Mass kg (weight lbs.)		Steel
Filler pipe	Location & material	Right Rear Quarter - Steel
	Connection to tank	Fuel Filler And Vent Hose Asm. With Clamps
Fuel line (material)		Steel/Nylon/Rubber
Fuel hose (material)		Filler Hose - Rubber
Return line (material)		Steel/Nylon/Rubber
Vapor line (material)		Steel/Nylon/Rubber
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	"
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
	Sictr switch or valve	"
Separate fill		"

Engine - Fuel System (See supplemental page for details of Fuel Inj, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Sequential Fuel Injection
Manufacturer		AC/Rochester Products
Carburetor no. of barrels		N/A
Idle A/F mix.		PCM Controlled
Fuel Injection	Point of inj. (no.)	Intake Port (6)
	Constant, pulse, flow	Pulse
	Control (elec., mech.)	Electronic
	Sys. press. kPa (psi)	
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	PCM Controlled
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		Fixed
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		Chassis Mounted, Inline, replaceable
Fuel pump	Type (elec. or mech.)	Electrical
	Location (eng., tank)	Tank
	Press. range kPa (psi)	
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	62.4 (16.4) @ 350 (50.8)

Fuel Tank

Capacity refill L (gallons)		57.5 (15.2)
Location (describe)		Under Rear Seat (Forward Of Rear Axle)
Attachment		Two Longitudinal Steel Straps
Material & Mass kg (weight lbs.)		Steel
Filler pipe	Location & material	Right Rear Quarter - Steel
	Connection to tank	Fuel Filler And Vent Hose Asm. With Clamps
Fuel line (material)		Steel/Nylon/Rubber
Fuel hose (material)		Filler Hose - Rubber
Return line (material)		Steel/Nylon/Rubber
Vapor line (material)		Steel/Nylon/Rubber
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
Auxiliary tank	Opt., n.a.	"
	Capacity L (gallons)	"
	Location & material	"
	Attachment	"
	Sictr switch or valve	"
	Separate fill	"

Vehicle Emission Control

	Type (air injection, engine modifications, other)		CCC Control
	Air injection	Pump or pulse Driven by	
Exhaust Emission Control		Air distribution (head, manifold, etc.,)	Not
		Point of entry	Applicable
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Negative Back Pressure EGR Valve With Integral Transducer And Single Shaft Cross Hole
		Exhaust source	#4 Cylinder At Cylinder Head
		Point of exh.inj. (spacer, carb., manifold, other)	Inlet Manifold
Catalytic Converter		Type	3-Way Monolith
		Number of	1
		Location(s)	Mounted To Center Underbody
		Volume L (cu.in)	1.8 (110)
		Substrate type	Monolith
		Noble metal type	Platinum (Pt), Rhodium (Rh), Palladium (Pd)
		Noble metal concentration (g/cu. cm.)	.003019
Crankcase Emission Control		Type (ventilates to atmosphere, induction system, other)	Induction System
		Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum
		Discharges to (intake manifold, other)	Intake Manifold
		Air inlet (breather cap, other)	Air Cleaner Outlet Duct
	Evaporative Emission Control	Fuel tank Canister Carburetor	Canister - Charcoal
Electronic System		Vapor storage provision	Yes
		Closed loop (yes/no) Open loop (yes/no)	Yes No

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		1, Triflow. Muffler, Stainless Steel, 6.9 (15.1)
Resonator no. & type		Not Applicable
Exhaust pipe	Branch o.d., wall thickness	"
	Main o.d., wall thickness	41.3 x 1.42 mm (1.625 x .056 in.)
	Matl. & Mass kg (wght.lbs.)	409 Stainless Steel, 3.4 (7.6)
Intermediate pipe	o.d. & wall thickness	50.8 x 1.39 mm (2.0 x .054 in.)
	Matl. & Mass kg (wght.lbs.)	409 Stainless Steel, 3.0 (6.7)
Tail pipe	o.d. & wall thickness	44.4 x 1.09 mm (1.75 x .043 in.)
	Matl. & Mass kg (wght.lbs.)	409 Alum. Stainless Steel, .4 (.9)

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Not Applicable
	Air injection	Pump or pulse Driven by	
		Air distribution (head, manifold, etc.)	"
		Point of entry	"
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow, Digital
		Exhaust source	Right Side Exhaust Manifold
		Point of exh.inj. (spacer, carb., manifold, other)	Intake Manifold
		Type	Bed Monolith (Dual)
		Number of	1
		Location(s)	Mounted To Underbody
		Volume L (cu.in)	2.79 (170)
		Substrate type	Ceramic Monolith
		Noble metal type	Platinum (Pt), Rhodium (Rh)
		Noble metal concentration (g/cu. cm.)	Federal: 0.000837; California: 0.000873
	Type (ventilates to atmosphere, induction system, other)		Induction
Crankcase Emission Control	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges to (intake manifold, other)		Intake Manifold
	Air intk(breather cap,other)		Right Rear Rocker Arm Cover
	Vapor vented to (crankcase, canister,other)	Fuel tank	Canister
		Carburetor	Not Applicable
	Vapor storage provision		Charcoal
	Closed loop (yes/no)		Yes
	Open loop (yes/no)		No

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs.)		1, Triflow. Muffler, Stainless Steel, 6.9 (15.1)
Resonator no. & type		1; 89 mm Diameter Bottle
Exhaust pipe	Branch o.d., wall thickness	Not Applicable
	Main o.d., wall thickness	50.8 x 1.77 mm (2.0 x .070 in.)
Inter-mediate pipe	Matl. & Mass kg (wgt.lbs.)	409 Stainless Steel, 1.9 (4.2)
	o.d. & wall thickness	50.8 x 1.59 mm (2.0 x .054 in.)
Tail pipe	Matl. & Mass kg (wgt.lbs.)	409 Stainless Steel, 3.0 (6.7)
	o.d. & wall thickness	44.8 x 1.09 mm (1.4 x .043 in.)*
Matl. & Mass kg (wgt.lbs.)		409 Alum. Stainless Steel, .8 (1.8); w/z54 1.0 (2.2)

* W/Z54 57.1 x 1.09 mm (2.2 x .043 in.)

Transmissions/Transaxle (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	n.a.
Manual 5-speed (manufacturer/country)	Standard Isuzu / Japan (MK7)
Manual 6-speed (manufacturer/country)	n.a.
Automatic (manufacturer/country)*	Optional General Motors PowerTrain / U.S.A.
Auto. overdrive (manufacturer/country)	n.a.

Manual Transmission/Transaxle

Number of forward speeds	5
1st	3.73
2nd	2.15
3rd	1.33
4th	.923
5th	0.74
6th	
Reverse	3.58
Synchronous meshing (specify gears)	1-5
Shift lever location	Floor
Trans. case mat'l. & mass kg (lbs)*	Aluminum 36.5
Capacity L (pt.)	1.9 (4.0)
Type recommended	Synchromesh Transmission Fluid (STF)

Clutch (Manual Transmission)

Clutch manufacturer	Daikin
Clutch type (dry, wet; single, multiple disc)	Dry Disc, Single
Linkage (hyd., cable, rod, lever, other)	Hydraulic
Max. pedal effort (nom. spring load) N (lbs.)	Depressed Released
	133.4 (30.0) 115.6 (26.0)
Assist (spring, power/percent, nominal)	None
Type pressure plate springs	Diaphragm
Total spring load (nominal) N (lbs.)	5688 (1279)
Facing mfg. & matl. coding	Valeo F202
Facing matl. & construction	F202
Rivets per facing	16
Outside x inside dia. (nom.)	215.0 x 150.0 (8.46 x 5.91)
Total eff. area sq cm (sq in)	186.3 (28.88)
Thickness (pressure plate side/fly wheel side)	3.5 (.14) Pressure Plate Side, 3.2 (.13) Flywheel Side
Rivet depth (pressure plate side/fly wheel side)	1.3 (0.05) / 1.2 (0.05)
Engagement cushion method	Driven Plate, Wave Spoke Springs
Release bearing type & method lub.	Self Centering, Angular Contact Ball Bearing - Prepacked & Sealed
Torsional damping method, springs, hysteresis	Coil Springs With Non-Metal Friction Control

* Includes shift linkage, lubricant, and clutch housing. If other specify.

Transmissions/Transaxle (Std., Opt., N.A.)

Manual 4-speed (manufacturer/country)	
Manual 5-speed (manufacturer/country)	
Manual 6-speed (manufacturer/country)	
Automatic (manufacturer/country)	Optional - Hydramatic, U.S.A. (M13)
Auto. overdrive (manufacturer/country)	

Manual Transmission/Transaxle (NOT APPLICABLE)

Number of forward speeds	
1st	
2nd	
3rd	
4th	
5th	
6th	
Reverse	
Synchronous meshing (specify gears)	
Shift lever location	
Trans. case mat'l. & mass kg (lbs)*	
Lubricant	Capacity L (pt.)
	Type recommended

Clutch (Manual Transmission) (NOT APPLICABLE)

Clutch manufacturer	
Clutch type (dry, wet; single, multiple disc)	
Linkage (hyd., cable, rod, lever, other)	
Max. pedal effort (nom. spring load) N (lbs.)	Depressed
	Released
Assist (spring, power/percent, nominal)	
Type pressure plate springs	
Total spring load (nominal) N (lbs.)	
Clutch facing	Facing mfg. & matl. coding
	Facing matl. & construction
	Rivets per facing
	Outside x inside dia. (nom.)
	Total eff. area sq cm(sq in)
	Thickness (pressure plate side/fly wheel side)
	Rivet depth (pressure plate side/fly wheel side)
	Engagement cushion method
	Release bearing type & method lub.
Torsional damping method, springs, hysteresis	

* Includes shift linkage, lubricant, and clutch housing. If other specify.

Automatic Transmission/Transaxle

Trade Name	GMPT 3T40 Transaxle
Type and special features (describe)	3-Speed Automatic With Torque Converter Clutch
Shift mechanics	Synchronous
Gear selector	Location (column, floor, other) Ltr./No. designation (e.g. PRND21) Shift interlock (yes, no, describe) 1st 2nd 3rd 4th 5th 6th Reverse Final drive ratio
Gear ratios	P-R-N-D-2-1 2.84 1.60 1.00 (Converter Clutch Engagement) Not Applicable " " 2.07 2.84
Max. upshift vehicle speed - drive range km/h (mph)	(Dependent On Axle Ratio/Application Specific)
Max. upshift engine speed RPM	6200
Max. kickdown speed - drive range km/h (mph)	(Dependent On Axle Ratio/Application Specific)
Min. overdrive speed km/h (mph)	(Dependent On Axle Ratio/Application Specific)
Torque converter	Type Torus design Number of elements Max. ratio at stall Type of cooling (air, liquid) Nominal diameter Capacity factor "K" ²
Pump type	Lock-Up Yes 3 2.48 Liquid 245 (9.8) 203 Positive Variable Displacement Vane
Lubricant	Capacity refill L (pt.) Type recommended 8.5 (17.85) Dry Dexron II
Oil cooler (std., opt., N.A., internal, external, air, liquid)	Standard, Integral Part Of Radiator
Trans. mass kg (lbs) & case matl. ²	65.7 (144.54) Dry Weight

All Wheel / 4 Wheel Drive

(NOT APPLICABLE)

Desc. & type (part-time, full-time, 2/4 shift while moving, mech., elect., chain/gear, etc.)

Transfer	Manufacturer and model Type and location
Low-range gear ratio	
System disconnect (describe)	
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.) Torque split(% frt/rear)

* Input speed / Square root of torque.
** If other specification is required, specify.

Automatic Transmission/Transaxle

Trade Name	GMPT 4T60-E Transaxle
Type and special features (describe)	4-Speed Automatic Electronic Controls
Shift mechanics	Synchronous
Gear selector	Location (column, floor, other) Ltr./No. designation (e.g. PRND21) Shift interlock (yes, no, describe) 1st 2nd 3rd 4th 5th 6th Reverse Final drive ratio
Gear ratios	P-R-N-D-2-1 2.92 1.57 1.00 .71 No Applicable " 2.39 3.33
Max. upshift vehicle speed - drive range km/h (mph)	(Dependent On Axle Ratio/Application Specific)
Max. upshift engine speed RPM	6000
Max. kickdown speed - drive range km/h (mph)	(Dependent On Axle Ratio/Application Specific)
Min. overdrive speed km/h (mph)	(Dependent On Axle Ratio/Application Specific)
Torque converter	Type Torus design Number of elements Max. ratio at stall Type of cooling (air, liquid) Nominal diameter Capacity factor "K" Type Torus design Number of elements Max. ratio at stall Type of cooling (air, liquid) Nominal diameter Capacity factor "K"
Pump type	Lock-Up Yes 3 1.93, 1.80 Liquid 245 (9.7) 140, 180 Positive Variable Displacement Vane
Lubricant	Capacity refill L (pt.) Type recommended Dexron II
Oil cooler (std., opt., N.A., internal, external, air, liquid)	Standard, Integral Part Of Radiator
Trans. mass kg (lbs) & case matl.**	81.0 (178.50) Dry

All Wheel / 4 Wheel Drive

(NOT APPLICABLE)

Desc. & type (part-time, full-time, 2/4 shift while moving, mech., elect., chain/gear, etc.)	
Transfer	Manufacturer and model Type and location
Low-range gear ratio	
System disconnect (describe)	
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.) Torque split(% frt/rear)

* Input speed / square root of torque.
** Dry weight including torque converter. If other specify

Axle Ratio and Tooth Combinations

Effective final drive ratio (or overall top gear ratio)			3.18	3.83 (2.83)
Trans ratio and method(chain,gear,etc)			1.12, Chain	Not Applicable
Front drive unit	Ring gear o.d.		Not Applicable	"
	No. of teeth	Pinion	"	"
		Ring gear	"	"

Front Drive Unit

Description (integral to trans., etc.)		Planetary Final Drive Integral With Transmission
Limited slip differential (type)		Not Applicable
Drive pinion	Type	"
	Offset	"
No. of differential pinions		2
Pinion/ differential	Adjustment (shim, etc.)	Not Applicable
	Bearing adjustment	"
Driving wheel bearing (type)		
Lubricant	Capacity L (pt.)	See Automatic Trans Spec
	Type recommended	"

Axle Shafts - Front Wheel Drive

Manufacturer and number used			2
Type (straight, solid bar, tubular, etc.)	Left	Straight Solid Bar	
	Right	Straight Solid Bar	
Outer diam. x length* x wall thickness	Manual transaxle	Left	23.81 X 320.0
		Right	23.8 X 663.0
	Automatic transaxle	Left	23.81 X 311.0
		Right	23.81 X 364.3
	Optional transaxle	Left	None
		Right	None
Slip yoke	Type	None	
	Number of teeth	None	
	Spline o.d.	None	
Universal joints	Make and mfg. no.	Inner	Saginaw Division
		Outer	Saginaw Division
	Number used	2 On Each Drive Shaft	
	Type, size, plunge	Inner	TRI-POT 61.0 Stroke
		Outer	Rzeppa - Fixed Center
	Attach (u-bolt, clamp, etc.)	Splined	
Bearing	Type (plain, anti-friction)	Inner - Ball & Roller	
	Lubrication (fitting, prepack)	Outer - Ball	
Drive taken through (torque tube, arms or springs)	Prepacked		
Torque taken through (torque tube, arms or springs)	Wishbone Lower Control Arm; Upper MacPherson Strut		
	Engine Mounting System		

* Centerline to centerline of universal joints, or to centerline of attachment.

Axle Ratio and Tooth Combinations				AUTOMATIC - M13
Effective final drive ratio (or overall top gear ratio)				2.97
Transfr ratio and method(chain,gear,etc)				1.00, Chain
Front drive unit	Ring gear o.d.			N/A
	No. of teeth	Pinion		"
		Ring gear		"

Front Drive Unit				Planetary Final Drive
Description (integral to trans., etc.)				Integral With Transmission
Limited slip differential (type)				N/A
Drive pinion	Type			"
	Offset			"
No. of differential pinions				2
Pinion/ differential	Adjustment (shim, etc.)			N/A
	Bearing adjustment			"
Driving wheel bearing (type)				"
Lubricant	Capacity L (pt.)			See Automatic Trans Spec
	Type recommended			"

Axle Shafts – Front Wheel Drive				2
Manufacturer and number used				
Type (straight, solid bar, tubular, etc.)			Left	Straight Solid Bar
			Right	Straight Solid Bar
Outer diam. x length* x wall thickness	Manual transaxle		Left	
			Right	
	Automatic transaxle		Left	23.81 X 304.6 mm
			Right	23.81 X 365.4 mm
	Optional transaxle		Left	
			Right	
Slip yoke	Type			
	Number of teeth			
	Spline o.d.			
	Make and mfg. no.	Inner		Saginaw Division
Outer		"		
Universal joints	Number used			2
	Type, size, plunge	Inner		FREE MOTION 61.0 Stroke
		Outer		Rzeppa – Fixed Center
	Attach (u-bolt, clamp, etc.)			Splined
	Bearing	Type (plain, anti-friction)		Inner – Ball & Roller
		Lubrication (fitting, prepack)		Outer – Ball
			Prepacked	
Drive taken through (torque tube, arms or springs)		Wishbone Lower Cntl Arm; Upper MacPherson Strut		
Torque taken through (torque tube, arms or springs)		Engine Mounting System		

* Centerline to centerline of universal joints, or to centerline of attachment.

Suspension - General Including Electronic Controls

Car leveling	Std./opt./not avail.	--	
	Manual/automatic control	--	
	Type (air/hydraulic)	--	
	Primary/assist spring	--	
	Rear only/4 wheel leveling	--	
	Single/dual rate spring	--	
	Single/dual ride heights	--	
	Provision for jacking	Body Jack & Pads On Rocker	
Shock absorber damping controls	Standard/opt./not avail.	--	
	Manual/automatic control	--	
	Number of damping rates	--	
	Type of actuation (manual/ electric motor/air, etc.)	--	
	s e n s o r s	Lateral acceleration	--
		Deceleration	--
		Acceleration	--
		Road surface	--
Shock absorber (front & rear)	Type	Front - MacPherson Strut; Rear - Double Acting Hydraulic	
	Make	Delco Products	
	Piston diameter	Front: 32 (1.26) Rear: 25 (.98)	
	Rod diameter	Front: 22 (.87) Rear: 13 (.51)	

Suspension - Front

Type and description	MacPherson Strut With Coil Spring		
Travel	Full jounce (define load condition)	82 (3.23) (From Design)	
	Full rebound	81 (3.19) (From Design)	
Spring	Type,(coil,leaf,other&matl)	Coil, Steel	
	Insulators (type & matl)	Top & Bottom - Rubber	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Spring Computer Selected - Varies With Option Content	
	Spring rate N/mm(lb./in.)	20	
	Rate @ wheel N/mm(lb./in)	17.5	
Stabilizer	Type (link,linkless,frmless)	Link	
	Material & O.D. bar/tube, wall thickness	Steel 22 mm	

Suspension - Rear

Type and description	Trailing Stamped Control Arms With Twist Beam		
Travel	Full jounce (define load condition)	100.8 (3.97) (From Design)	
	Full rebound	91 (3.58) (From Design)	
Spring	Type(coil,leaf,other&matl)	Coil, Steel	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Spring Computer Selected - Varies With Option Content	
	Spring rate N/mm (lb/in)	23, Variable	
	Rate @ wheel N/mm (lb/in)	11.1, Variable	
	Insulators(type & material)	Top - Rubber Bottom - Microcellular Urethane	
	If leaf	No. of leaves	--
		Shackle(comp or tens)	--
Stabilizer	Type(link,linkless,frmless)	--	
	Material & O.D. bar/tube, wall thickness	--	
Track bar (type)		--	

Description		Power Assisted Hydraulic Brakes	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Standard - Disc	
	Rear (disc or drum)	Standard - Drum	
Valving type(prop, delay, metering, other)		Proportioning, Diagonal Split Circuit	
Power brake (std., opt., n.a.)		Standard	
Booster type(rmt, intgrl, vac., hyd., etc.)		Tandem Vacuum	
Vacuum	Source (inline, pump, etc.)	Inline	
	Reservoir (volume cu. in.)	None	
	Pump-type	Not Applicable	
	Operational speed range	Not Applicable	
Traction assist	Type (engine or brake intervention)		
	Front/rear (std., opt., n.a.)	Standard	
Anti-lock device	Manufacturer	Delco Chassis Division	
	Type (electronic, mech.)	Electronic	
	Number sensors or circuits	4	
	No. anti-lock hyd. circuits	3	
	Integral or add-on system	Add-On	
	Yaw control (yes, no)	Yes	
	Hydraulic power source	No	
	Effective area sq. cm. (sq. in.) *	204 (31.7) Front	614 (95.2) Rear
	Gross Lng area sq cm (sq in) ** (F/R)	204 (31.7) Front	650 (100.8) Rear
	Swept area sq cm (sq in) *** (F/R)	1175 (182.2) Front	556 (86.2) Rear
Rotor	Outer working diameter	F/R	Front - 259.5(10.2)
	Inner working diameter	F/R	
	Thickness	F/R	Front - 20 (.79)
	Matl & type (vented/sld)	F/R	Front - Vented Cast Iron
Drum	Diameter & width	F/R	Rear - 200 x 45 mm (7.87 x 1.77 in.)
	Type and material	F/R	Cast Iron
	Wheel cylinder bore		Front - 57 mm (2.24 in.) Rear - 17.5 (.69)
Master cylinder	Bore/stroke	F/R	Bore - 22.2 mm (.874 in.) Stroke 35.7 mm (1.41 in.)
Pedal arc ratio			3.35:1
Line pressure at 445 N (100 lb.) pedal load kPa (psi)		(1,600) Max	
Brake lining	Front wheel	Lining clearance	F/R
		Bonded or riveted	Both - Self Adjusting
		Rivet size	Integrally Molded - Inboard And Outboard
		Manufacturer	Not Applicable
		Lining code *****	Delco Chassis Division
	Front wheel	Material	128 FE
		****	Semi-Metallic
		Pri. or out-brd	124 x 46 x 8.6 (4.88 x 1.81 x .34)
		Size	124 x 46 x 9.7 (4.88 x 1.81 x .38)
		Shoe thcknss (no lng)	4.85 (.19)
	Rear wheel	Bonded or riveted	Riveted
		Manufacturer	Delco Chassis Division
		Lining code *****	235 FE
		Material	Organic

		Pri. or out-brd	167.7 x 43.9 x 6 mm (6.602 x 1.728 x .236 in.)
		Size	194 x 43.9 x 7 mm (7.638 x 1.728 x .28 in.)
		Shoe thcknss (no lng)	2.75 mm (.11 in.)

* 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 circum.)
 **** Disc brake: Square of Outer Working Dia. - Square of inner Working Dia. X Pi/2 for each brake.)
 ***** Size for drum brakes includes length x width x thickness.

Tires And Wheels (Standard)

Tires	Size (service description)		P185/75R14 BW
	Type (bias, radial, etc.)		Steel Belted Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	210 (30)
		Rear kPa (psi)	210 (30)
Wheels	Rev/mile—at 70 km/h(45mph)		
	Type & material		Steel
	Rim (size & flange type)		14 x 6
	Wheel offset		47 (1.85)
	Attachment	Type (bolt or stud & nut)	Stud
		Circle diameter	100.0 mm (3.94 in.)
Spare	Number & size		5-M12 x 1.5 - 6H, THD. (Metric)
	Tire and wheel		T115/70D - 14 BW, Wheel Dia. 14 x 4. Inflation 420 (60)
	Storage position & location (describe)		Flat Under Rear Load Floor

Tires And Wheels (Optional)

(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	Tire size (service description)		P195/70R14 BW
	Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
	Wheel (type & material)		Steel
	Rim (size, flange type and offset)		14 x 6
	Tire size (service description)		
	Type (bias, radial, steel, nylon, etc.)		
	Wheel (type & material)		
	Rim (size, flange type and offset)		
	Tire size (service description)		P205/60R15 BW
	Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
	Wheel (type & material)		Aluminum
	Rim (size, flange type and offset)		15 x 6
	Tire size (service description)		P185/75R14 WW
	Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial
	Wheel (type & material)		Steel
	Rim (size, flange type and offset)		14 x 6

Brakes - Parking

Type of control	Hand Lever Assembly	
	In Console Between Front Seats	
	Rear Service Brakes	
	--	
Location of control	--	
	--	
	--	
Operates on	Type(internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	
If separate from service brakes	--	
	--	
	--	

Steering

Manual (std., opt., n.a.)		Not Available
Power (std., opt., n.a.)		Standard
Speed-sensitive (std., opt., n.a.)		not available
4-wheel steering (std., opt., n.a.)		not available
Adjustable steering wheel/ column (tilt, telescope, other)	Type	Tilt
	Manufacturer	Saginaw Division
Wheel diameter** (W9) SAE J1100	(std., opt., n.a.)	Optional
	Manual	--
Turning diameter m (ft.)	Power	386 (15.2)
	Out-side front	11.3 (37.2)
	Wall to wall (l. & r.)	10.75 (35.3)
	Curb to curb (l. & r.)	5.8 (19.2)
	Wall to wall (l. & r.)	7.5 (24.6)
Curb to curb (l. & r.)		-1.69 (14 " Tires)
Scrub Radius *		Not Available
Manual	Type	--
	Manufacturer	--
	Gear Ratios Overall	--
Power	No. wheel turns(stop to stop)	
	Type (coaxial, elec. hyd., etc.)	
	Manufacturer	
	Type	Rack & Pinion W/Integral Unit
	Gear Ratios Overall	Saginaw Division
Linkage	Rack And Pinion W/Center Take-Off Tie Rods - Integral	
	Not Applicable	
	16.12:1 Base (On Center)	
Steering axis	Belt Off Crankshaft Pulley	
	2.86 Base	
	Center Take Off Tie Rods, Rack And Pinion	
Steering spindle/knuckle & joint type	Rear	
	2	
	13.2	
Steering axis	Ball Bearings	
	Ball Joint	
	Incorporated In Upper Bearing	
McPherson Strut		

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.

** See Page 22.

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	Not Adjustable
		Camber (deg.)	0 +/- .7
		Toe-in outside track - mm (in.)	0 +/- .10
	Service reset*	Caster (deg.)	Not Adjustable
		Camber (deg.)	.1 +/- .7
		Toe-in - mm (in.)	0 (+/-) .10
Rear wheel at curb mass (wt.)	Periodic M.V. inspection	Caster (deg.)	Not Adjustable
		Camber (deg.)	--
		Toe-in - mm (in.)	--
	Service checking	Camber (deg.)	Not Applicable
		Toe-in outside track - mm (in.)	"
	Service reset*	Camber (deg.)	"
		Toe-in - mm (in.)	"
	Periodic M.V. inspection	Camber (deg.)	"
		Toe-in - mm (in.)	"

* Indicates pre-set, adjustable, trend set or other.

Electrical - Instruments and Equipment			Base Cluster	Optional Gauge Cluster
Speedometer	Type (analog, digital, std., opt.)		Analog	
	Trip odometer (std., opt., n.a.)		Not Available	
Head-up display	Std., opt., not avail.		Not Available	
	Type - Secondary, Opto-electronic		"	
	Speedometer	Digital	"	
	Status/warn. indicators - Turn signals, high beam, low fuel, check gauges		"	
EGR maintenance indicator	Brightness control	Day/night mode, adj.	"	
			Not Available	
Charge indicator	Type		Tell-Tale Warning Light	
	Warning device (light, audible)		Light	Not Available
Temperature indicator	Type		Gauge	
	Warning device		Tell-Tale Warning Light	
Oil pressure indicator	Type		Tell-Tale Warning Light	
	Warning device		Light	
Fuel indicator	Type		Electric Gauge W/Pointer	
	Warning device		Not Available	
Windshield wiper	Type (standard)		Electric 2-Speed	
	Type (optional)		Intermittent Windshield Wiper Sys.	
	Blade length		482.6 mm (19.0 in.)	
	Swept area sq cm (sq in)		6228.4 (965.4)	
Windshield washer	Type (standard)		Wet-Arm Electric Pump Mounted On Reservoir Bottle	
	Type (optional)		Not Available	
	Fluid level indicator		"	
Rear window wiper, wiper/washer (std., opt., n.a.)			"	
			Electric Vibrating	
Horn	Type		One ('F' Note) ('A' Note Optional In Addition)	
	Number used			
Other	Headlamp-on Warning		Standard, Chimes	

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	1982514 1983646 Opt.
	Voltage	12
	Amps at 0 deg F cold crnk	525 600
	Minutes-reserve capacity	90
Alternator	Amps/hrs. - 20 hr. rate	54
	Location	Engine Compartment
	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	42/105
	Ratio (alt. crank/rev.)	2.64:1
Regulator	Output at idle (rpm, park)	42 Amps @ 27 Deg. C. 600RPM
	Optional (type & rating)	
	Type	Integral With Alternator

Electrical - Starting System

Motor	Manufacturer	Delco Remy
	Curr. dr.-29 (-20) deg C(F)	329 Amps
Motor drive	Power rating kw (hp)	1.4 (1.9)
	Engagement type	Solenoid Operated Shift Lever
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std, opt.n.a.)	Elect. Direct Ignition(Std)-Cntl Module W/2 Integral Coils & 1 Remote Timing
	Other (specify)	
Coil	Manufacturer	Delco Remy
	Model	1103902
	Current	Less Than 100 ma
	Engine stopped-A	Less Than 1.5 Amp (Average)
	Engine idling - A	AC Spark Plug
Spark plug	Manufacturer	908
	Model	14 x 1.25
	Thread (mm)	10-20 (7-15)
	Tightening torque Newton meters (lb. ft.)	1.14 mm (0.045 in.)
	Gap	1
Distributor	Number per cylinder	Not
	Manufacturer	Applicable
	Model	

Electrical - Suppression

Locations & type	Not Available
------------------	---------------

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Standard 1982514
	Voltage	12
	Amps at 0 deg F cold crnk	525
	Minutes-reserve capacity	90
Alternator	Amps/hrs. - 20 hr. rate	54
	Location	Engine Compartment
	Manufacturer	Delco Remy
	Rating(dle/max rpm drive)	30/85 Amps
	Ratio (alt. crank/rev.)	2.65
Regulator	Output at idle (rpm, park)	62 Amps
	Optional (type & rating)	
	Type	Integral With Alternator

Electrical - Starting System

Motor	Manufacturer	Delco Remy
	Curr. dr. - 29 (-20) deg C(F)	
	Power rating kw (hp)	
Motor drive	Engagement type	Solenoid Actuated, Positive Engagement
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std, opt.n.a.)	Standard
	Other (specify)	None
Coil	Manufacturer	Delco Remy
	Model	Direct Ignition
	Current	
	Engine stopped - A	
	Engine idling - A	
Spark plug	Manufacturer	AC/Rochester Products
	Model	
	Thread (mm)	
	Tightening torque Newton meters (lb. ft.)	
	Gap	
Distributor	Number per cylinder	One
	Manufacturer	Not Applicable
	Model	

Electrical - Suppression

Locations & type	Not Available
------------------	---------------

* 30/85 Amp Generator For Heater Only
36/100 Amp Generator For A/C Only

Body

Structure	Unitized Body Construction Including Front End Structure With Bolted-On Fenders And Hood.
Bumper System Front - Rear	Bumper Fascias Are Attached To Steel Impact Bar And Dual Energy Absorbers For Collision Energy Absorption. (Meets G.M. 5 mph Impact Standard).
Anti-Corrosion Treatment	Special Anti-Corrosion Materials Are Used On Interior And Exterior Metal Panel Surfaces. Materials Include One And Two-Sided Galvanized Steel, Special Metal Conditioners, Primers, And Sealers. Protective Moldings Are Applied To Exterior Lower Body.

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		High Solids Base Coat/Clear Coat Enamel
Hood	Material & mass	Two Sides Galvanized Steel, 17.23 kg (38.0 lbs)
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (int., ext.)	Internal
Trunk lid	Material & mass	Two Sides Galvanized Steel
	Type (counterbalance, other)	Torsion Rods
	Internal release control (elec., mech., n.a.)	Electrical - Optional
	Material & mass	Not Applicable
Hatch-back lid	Type (counterbalance, other)	
	Internal release control (elec., mech., n.a.)	
	Material & mass	Not Applicable
Tailgate	Type (drop, lift, door)	"
	Internal release control (elec., mech., n.a.)	"
	Vent window control (crank, friction, pivot, power)	None
Window regulator type (cable, tape, flex drive, etc.)	Front	"
	Rear	Not Applicable
	Front	"
	Rear	"
Seat cushion type (e.g., 60/40, bucket, bench wire, foam, etc.)	Front	Bucket With Polyurethane Padding
	Rear	Bench With Polyurethane Padding
	3rd seat	Not Applicable
	Front	Reclining Bucket With Polyurethane Padding
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Rear	Fixed Bench With Polyurethane Padding*, **
	3rd seat	Not Applicable
		** Corsica LTZ & B18 Optional Trim Receive 60/40 Seat, 60/40 Split Folding Rear Seat Standard

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized Frame
	Body-Frame Integral With Bolt-On Powertrain Cradle.

Restraint System

Seating Position		Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat		
		Second seat	Lap/Shoulder Combination	Lap Belt
	Standard/ optional	Third seat		
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt)	First seat	Air Bag plus 3 Point Door Mt. Belts	3 Point Door Mt. Belts
		Second seat		
	Standard/ optional	Third seat		

SAE		Ref No
Glass		
Windshield glass exposed surface area sq. cm. (sq. in.)	S1	8913 (1382)
Side glass exposed surface area sq. cm. (sq. in.) - total 2- sides	S2	11553 (1791)
Backlight glass exposed surface area sq. cm. (sq. in.)	S3	Not Available
Total glass exposed surface area sq. cm. (sq. in.)	S4	Not Available
Windshield glass (type/thickness)		Laminated
Side glass (type/thickness)		Tempered
Backlight glass (type/thickness)		Tempered
Tinted (yes/no, location)		Rectangular
Solar control (yes/no, coated/batched, location)		Halogen, Replaceable Bulb, Rectangular

Headlamps	
Description - sealed beam, halogen, replaceable bulb, etc.	Halogen, Replaceable Bulb, Rectangular
Shape	Rectangular
Lo-beam type (2A1, 2B1, 2C1, etc.)	HB4
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB3
Quantity	2

Climate Control System

Air conditioning (std., opt., man., auto.)		Optional With Manual Operation And Electrically Operated Temperature Door	
Condenser	Type	Serpentine	
	Eff. face area (sq. mm.)	265,281	
	Fins per inch	14	
Evaporator	Type	3-5-5 Parallel Rib "S" Flow Plate Type, Round Tank	
	Eff. face area (sq. mm.)	45,212	
	Fins per inch	14	
Heater Core	Material	Aluminum	
	Eff. face area (sq. mm.)	29,210	
	Fins per inch	38	
Compressor	Type	V5 Compressor	
	Displacement (cc)	9.2	
	Manufacturer	Harrison Division	
Accumulator	A/C pulley ratio	1.24	1.30 (LGO Engine) 1.35 (L82 Engine)
	Type	None	
	Height (mm.)	None	
Receiver	Diameter (mm.)	None	
	Type	Aluminum	
	Height (mm.)	169	
Refrigerant control (CCOT, TVS, etc.)	Diameter (mm.)	77	
	Heater water valve (yes / no)	TXV	
	Refrigerant (R - 12, R - 134a, etc.)	NO	
Charge level (lbs. - oz.)	Cold engine lockout switch (yes / no)	R134a	
	Wide open throttle cutout switch (yes / no)	2.25 LBS.	
		Yes	
		Yes	

Convenience Equipment (standard, optional, n.a.)

Clock (digital, analog)	Part Of Radio Package
Compass / thermometer	Not Available
Console (floor, overhead)	Standard, Full Floor
Defroster, electric windshield	NA
Defroster, electric backlight	Optional (C49)
Diagnostic monitor (integrated, individual)	Not Available
Instrument cluster (list instruments)	Optional (UB3) Oil Pressure, Temp, Volts, Trip Odom & tack
Electronic	
Keyless entry	NA
Tripminder (avg. spd, fuel)	NA
Voice alert (list items)	
Other	Key Left In/Headlight On/Truurn Signal Left On Warning Std.
Fuel door lock (remote, key, electric)	Not Available
Auto head on/off delay, dimming	"
Cornering	"
Courtesy (map, reading)	Standard, Map Reading Optional (DC4)
Door lock, ignition	Not Available
Engine compartment	"
Fog	Not Available
Glove compartment	"
Trunk	Standard
Illuminated entry system (list lamps, activation)	Courtesy, Map With Theater Dimming, Front Door Handle Activator Std.
Other	Ash Tray Lamp Standard
Mirrors	
Day / night (auto, man.)	Optional (DC4) (Manual)
L. H. (remote, pwr., heated)	Standard (D66) Remote
R. H. (convex, rmt, pwr, htd)	Standard (D66) Remote
Visor vanity (RH/LH illum.)	RH No Light/No Cover Opt. RH/LH Covered-No Light
Navigation system (describe)	
	Not Available
Pkgs. brake-auto release (warn. light)	Standard (Manual Release) Lower Area Of Speedometer

** - Available In Optional Custom Interior (RPO B18)

Convenience Equipment (standard, optional, n.a.)

	Deck lid(release, pull down)	Optional (A90) Power Release
	Door locks (manual, auto., describe system)	Optional (AU3) Power
Power equipment	2 - 4 - 6 way, etc.	NA
	Reclining(R.H., L.H.)	NA
	Memory (R.H., L.H., preset, recline)	NA
	Support (lumbar, hip, thigh, etc.)	NA
	Heated (R.H., L.H., other)	NA
	Side windows	Optional (A31)
	Vent windows	Not Available
	Rear windows	"
	Antenna (location, whip, w/shield, power)	(U56) Standard, Fixed RH Front Fender
Radio systems	Stan.	(UM7) AM/FM Stereo Radio, Seek/Scan, Clock & ETR
	Opt.	(UM6) AM/FM Stereo Cassette, Seek And Scan And Clock. (U1C) AM/FM Stereo, Seek/Scan, Clock, ETR & Compact Disc.
	Speaker (number, location)	(U79) Standard 4, Dual Front Kick Panel, Dual Rear Shelf
	Roof: open air or fixed (flip-up, sliding, "T")	Not Available
	Speed control device	(K34) Optional
	Speed warn. dev. (light, buzzer, etc.)	Not Available
	Tachometer (rpm)	(UB3) Optional
	Telephone system (describe)	Not Available
	Theft deterrent system	Not A'ailable

Trailer Towing

Towing capable	Yes / No	Yes
Engine/transmission/axle	Std / Opt	L82 Optional With M13 4 Speed Automatic
Tow class (I, II, III)*	Std / Opt	
Max. gross trailer wgt. (lbs.)	Std / Opt	1000 Lbs.
Max. trailer tongue load (lbs.)	Std / Opt	100 Lbs.
Towing package available	Yes / No	No

* Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

Model Code/Description

BASE

Width

SAE Ref. No.

Tread (front)	W101	1417 (55.8)
Tread (rear)	W102	1438 (56.6)
Vehicle width	W103	1727 (68.0)
Body width at Sg RP (front)	W117	1727 (68.0)
Vehicle width (front doors open)	W120	3316 (130.6)
Vehicle width (rear doors open)	W121	3498 (137.7)
Tumble-home (deg.)	W122	24
Outside mirror width	W410	1957 (77.0)

Length

Wheelbase	L101	2627 (103.4)
Vehicle length	L103	4660 (183.5)
Overhang (front)	L104	976 (38.4)
Overhang (rear)	L105	1057 (41.6)
Upper structure length	L123	2674 (105.3)
Rear wheel C/L 'X' coordinate	L127	4410 (173.6)

Height **

Passenger distribution (front/rear)	PD1,2,3	2/3
Trunk/cargo load		--
Vehicle height	H101	1371 (54.0)
Cowl point to ground	H114	921 (36.3)
Deck point to ground	H138	993 (39.1)
Rocker panel-front to ground	H112	214 (8.4)
Rocker panel-rear to ground	H111	213 (8.4)
Windshield slope angle (deg.)	H122	60
Backlight slope angle (deg.)	H121	60

Ground Clearance **

Front bumper to ground	H102	207 (8.1)
Rear bumper to ground	H104	324 (12.8)
Bumper to ground front at curb mass (wt.)	H103	224 (8.8)
Bumper to ground rear at curb mass (wt.)	H105	352 (13.9)
Angle of approach (deg.)	H106	14
Angle of departure (deg.)	H107	19
Ramp breakover angle (deg.)	H147	15
Axle differential to ground (front/rear)	H153	--
Min. running ground clearance	H156	146 (5.7)
Location of min. run. grd. clear.		Front Suspension

**** All Vehicle Height And Ground Clearance Are Made Using EPA Loaded Vehicle Weight, Loading Conditions.**

EPA Loaded Vehicle Weight is the Base Vehicle Weight Plus All Coolant and Fluids Necessary For Operation Plus 100% Of The Fuel Capacity, Plus The Weight Of All Options And Accessories Which Weigh Three Pounds Or More And Which Are Sold On At Least 33% Of The Car Line, Plus Two Occupants.

Front Compartment		SAE Ref. No.
SgRP front, 'X' coordinate	L31	3138 (123.5)
Effective head room	H81	975 (38.4)
Max. eff. leg room (accelerator)	L34	1102 (43.4)
SgRP to heel point	H30	241 (9.5)
SgRP to heel point	L53	908 (35.7)
Back angle (deg.)	L40	24.5
Hip angle (deg.)	L42	103
Knee angle (deg.)	L44	136.5
Foot angle (deg.)	L46	88.5
Design H-point front travel	L17	212 (8.3)
Normal driving & riding seat track trvl.	L23	189 (7.4)
Shoulder room	W3	1380 (54.3)
Hip room	W5	1287 (50.7)
Upper body opening to ground	H50	1262 (49.7)
Steering wheel maximum diameter*	W9	386 (15.2)
Steering wheel angle (deg.)	H18	18.7
Accel. heel pt. to steer. whl. cntr	L11	--
Accel. heel pt. to steer. whl. cntr	H17	--
Undepressed floor covering thickness	H67	12 (0.5)

Rear Compartment		Front Compartment Int. Dim. Are Measured With The Seating Ref. Pt.	
		(SgRP)	mm Forward And mm Upward of Rearmost Position.
SgRP point couple distance	L50	787 (31.0)	
Effective head room	H63	951 (37.4)	
Min. effective leg room	L51	859 (33.8)	
SgRP (second to heel)	H31	273 (10.7)	
Knee clearance	L48	-22 (-0.9)	
Shoulder room	W4	1391 (54.8)	
Hip room	W6	1307 (51.5)	
Upper body opening to ground	H51	1275 (50.2)	
Back angle (deg.)	L41	24.5	
Hip angle (deg.)	L43	83	
Knee angle (deg.)	L45	90	
Foot angle (deg.)	L47	121	
Depressed floor covering thickness	H73	12 (0.5)	

Luggage Compartment	
Usable luggage capacity [L (cu. ft.)]	V1 382.6 (13.5)
Liftover height	H195 827 (32.6)

Interior Volumes (EPA Classification)	
Vehicle class	Compact
Interior volume index (cu. ft.)**	105
Trunk / cargo index (cu. ft.)	13

* See page 14.

** Includes passenger and trunk / cargo index - see definition page 32.

*** EPA Loaded Vehicle Weight, Loading Conditions.

All Linear Dimensions Are In Millimeters (Inches).

Station Wagon / MPV**

Third Seat

SAE Ref. No. (NOT APPLICABLE)

Seat facing direction	SD1
SgRP couple distance	L85
Shoulder room	W85
Hip Room	W86
Effective leg room	L86
Effective head room	H86
SgRP to heel point	H87
Knee clearance	L87
Back angle (deg.)	L88
Hip angle (deg.)	L89
Knee angle (deg.)	L90
Foot angle (deg.)	L91

Station Wagon / MPV** Cargo Space

(NOT APPLICABLE)

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
Opening width at belt	W204
Min. rear opening width above belt	W205
Cargo height	H201
Rear opening height	H202
Tailgate to ground height	H250
Front seat back to load floor height	H197
Cargo volume index cu. m. (cu.ft.)	V2
Hidden cargo vol. index cu. m.(cu.ft.)	V4
Cargo volume index-rear of 2-seat	V10
Cargo volume index**	V6
Cargo width at floor**	W500
Maximum cargo height**	H505

Hatchback - Cargo Space

(NOT APPLICABLE)

Cargo length at front seatback height	L208
Cargo length at floor (front)	L209
Cargo length at second seatback height	L210
Cargo length at floor (second)	L211
Front seatback to load floor height	H197
Second seatback to load floor height	H198
Cargo volume index cu. m. (cu. ft.)	V3
Hidden cargo vol. index cu. m.(cu.ft.)	V4
Cargo volume index-rear of 2-seat	V11

* EPA Loaded Vehicle Weight, Loading Conditions

** MPV - Multipurpose Vehicle

All Linear Dimensions Are In Millimeters (Inches)

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	X - Fiducial Mark To Vertical Zero Grid Line - Front Measured Horizontally, From The Zero 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 Car To Fiducial Mark Located On Top Of The Front Seat Adjuster Mounting Bolt.
	Z - Fiducial Mark To Horizontal Zero Grid Line - Front, Measured Vertically From Zero Grid Line To Front Fiducial Mark Located On Top Of The Front Seat Adjuster Mounting Bolt.
Rear	X - Fiducial Mark To Vertical Zero Grid Line - Rear, Measured Horizontally From The Zero Grid Line To Rear Fiducial Mark Located On The Rail (Compartment Pan - Longitudinal).
	Y - Fiducial Mark To Centerline Of Car - Rear, Width Measurement Made From Centerline Of Car To Fiducial Mark Located On The Rail (Compartment Pan - Longitudinal).
	Z - Fiducial Mark To Horizontal Zero Grid Line - Rear, Measured Vertically From The Zero Grid Line To Rear Fiducial Mark Located On The Rail (Compartment Pan - Longitudinal).
NOTE: Provide 3 of 4 Fiducial Mark Locations	
Front	W21** 346 (13.6)
	LS4** 2760 (108.7)
	H81** 211 (8.3)
	H161** 241 (9.5)
	H163** 263 (10.3)
Rear	W22** 440 (17.3)
	LS5** 4953 (195.0)
	H82** 362 (14.3)
	H162** 400 (15.7)
	H164** 429 (16.9)

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.

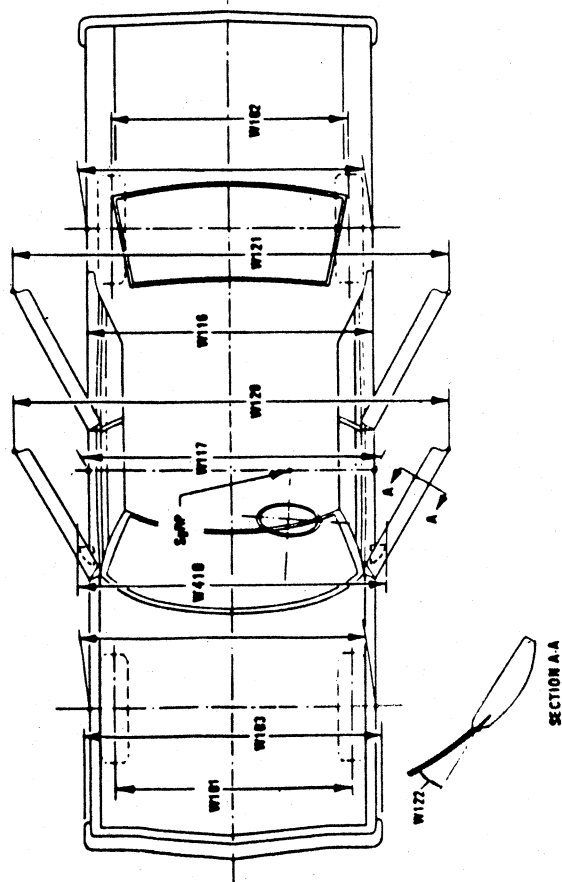
** Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.

*** EPA Loaded Vehicle Weight, Loading Conditions

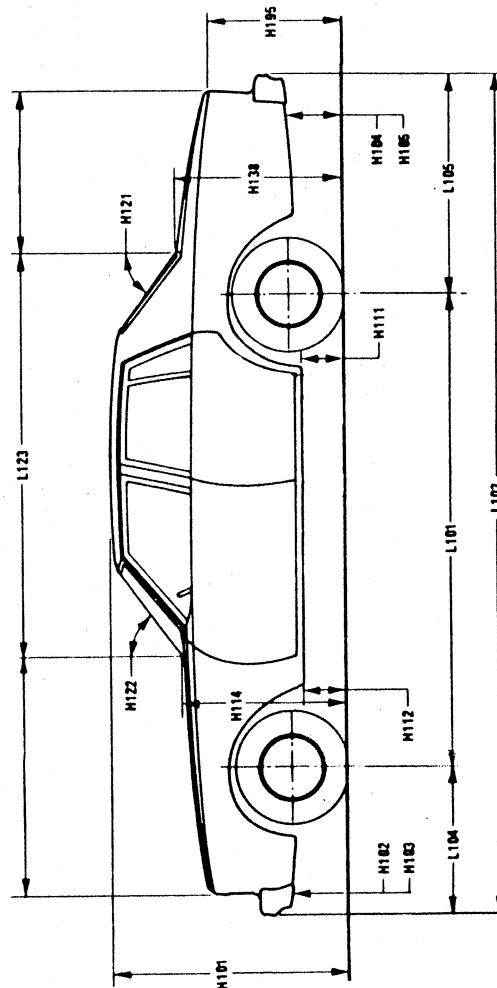
Code	Equipment	MASS, kg. (lb.)			Remarks Restrictions, Requirements
		Front	Rear	Total	
AM9	Split Second Seat Back	1.2 (2.6)	1.8 (4.0)	2.4 (5.2)	
AP9	Convenience Net	-2 (-4)	.8 (1.7)	.6 (1.3)	
A31	Power Windows	1.8 (4.0)	3.2 (7.0)	5.0 (11.0)	
A44	Adjuster - Passenger Seat, Manual, 4-Way	.8 (1.7)	.4 (.9)	1.2 (2.6)	
A90	Power Trunk Opener	-2 (-4)	1.0 (2.2)	.8 (1.8)	
B37	Floor Mats - Front and Rear	1.6 (3.5)	1.0 (2.2)	2.6 (5.7)	
CD4	Intermittent Windshield Wiper System	.2 (.4)	0 (0)	.2 (.4)	
C49	Electric Rear Window Defogger	0 (0)	.4 (.9)	.4 (.9)	
D34	Mirror - I/S Sunshade	.2 (.4)	0 (0)	.2 (.4)	
K05	Engine Block Heater	.2 (.4)	0 (0)	.2 (.4)	
K34	Electronic Speed Control (W/Resume Speed)	1.8 (4.0)	0 (0)	1.8 (4.0)	
L82	3.1 Liter V6 Engine, MFI, H.O.	47.6 (104.9)	-3.0 (-6.6)	44.6 (98.3)	

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

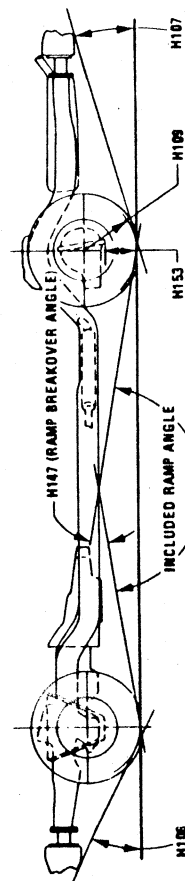
Exterior Width

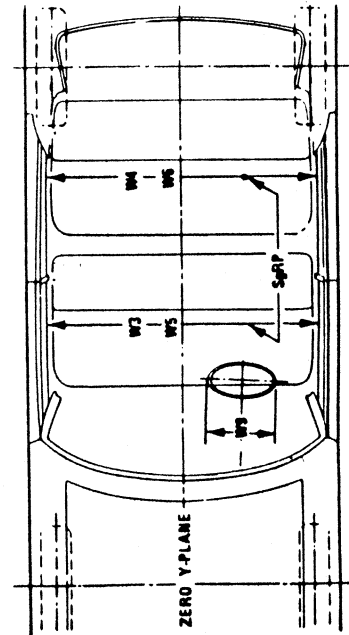
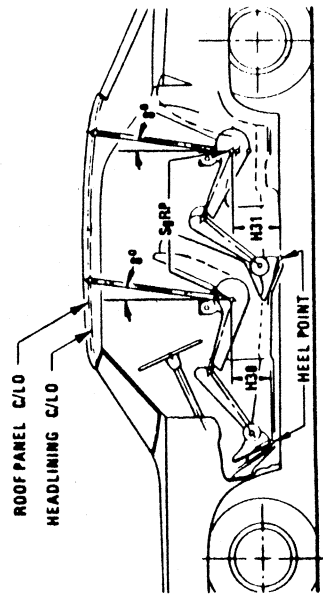
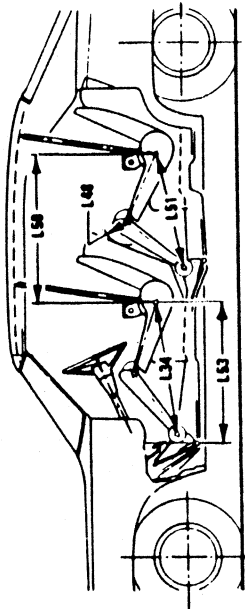
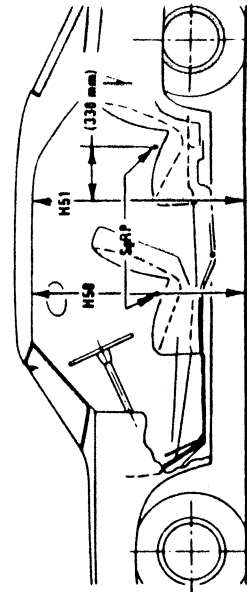
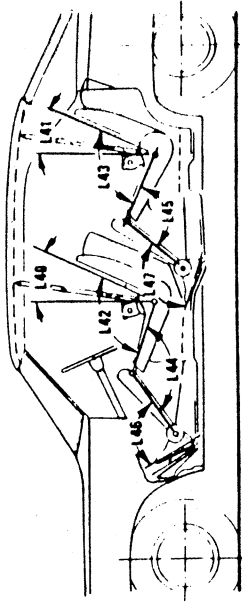
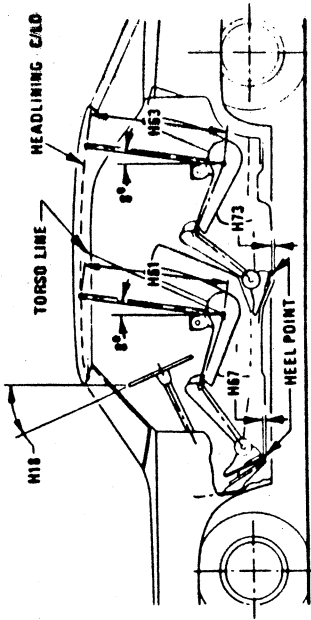


Exterior Length & Height

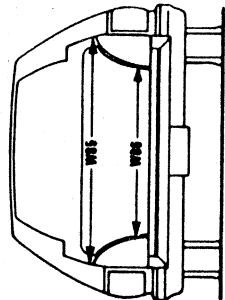


Exterior Ground Clearance



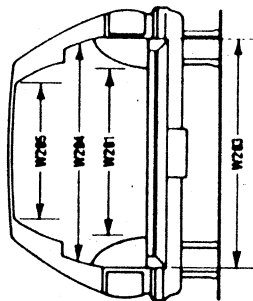


— HEADLINES — C/O



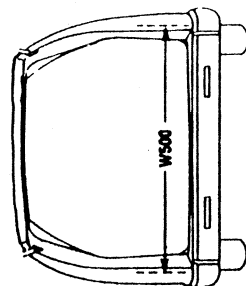
Technical drawing of a car body side view. Dimensions are indicated by arrows and labels:

- $H250$: Height from the top of the roof to the top of the rear window frame.
- $L204$: Total length of the car body.
- $L205$: Length from the front of the car to the front of the rear window frame.
- $H202$: Height from the top of the rear window frame to the top of the rear door frame.
- $L201$: Length from the front of the car to the front of the rear door frame.
- $L203$: Length from the front of the rear door frame to the front of the rear wheel.
- $L200$: Length from the front of the rear wheel to the rear of the car.
- $L202$: Length from the front of the rear wheel to the front of the rear door frame.
- $L201$: Length from the front of the rear door frame to the front of the rear wheel.



Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in millimeters. The drawing includes a side view and a cross-sectional view. Dimensions are indicated by arrows and labels: L208, L210, L211, H198, H209, and H197.

Technical drawing of the front view of a vehicle. A vertical dimension line on the left indicates a height of 1204 mm. The drawing shows the front grille, headlights, and a circular emblem on the right side. The text "H505" is visible on the front panel.



Multipurpose Vehicle

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 design 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, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations."

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.
- W410** OUTSIDE MIRROR WIDTH. The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

Length Dimensions

- 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.
- 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** OVERHAND — 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 the midpoint of the distance between the rear axle centerlines.

Height Dimensions

- H101** VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body 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.
- 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.
- H114** COWL POINT TO GROUND. Measured at zero "Y" plane.
- 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 arc 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 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H138** DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109** STATIC LOAD — TIRERADIUS — REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

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.
- H103** FRONT BUMPER TO GROUND — CURB MASS (WT.). Measured in the same manner as H102.
- 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 MASS (WT.). 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 arc and 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 arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147** RAMP 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.

Glass Areas

S1	Windshield area.
S2	Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
S3	Backlight areas.
S4	Total area. Total of all areas (S1 + S2 + S3).

Fiducial Mark Dimensions

Fiducial Mark - Number 1

L54	"X" coordinate.
W21	"Y" coordinate.
H81	"Z" coordinate.
H161	Height "Z" coordinate to ground at curb weight.
H163	Height "Z" coordinate to ground.
L55	"X" coordinate.
W22	"Y" coordinate.
W82	"Z" coordinate.
H162	Height "Z" coordinate to ground at curb weight.
H164	Height "Z" coordinate to ground.

Front Compartment Dimensions

L11	ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.
L17	DESIGN H-POINT - FRONT TRAVEL. The dimension measured horizontally between the design H-point - front in the foremost and rearmost seat track positions. (See SAE J1100)
L23	NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).

L31	SgRP - FRONT. "X" COORDINATE.
L34	MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP - front plus 254 mm (10.0 in.) measured with right foot on the undepressed 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.

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.
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L42	HIP ANGLE - FRONT. The angle measured between torso line and thigh centerline.
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L44	KNEE ANGLE - FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.
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L46	FOOT ANGLE - FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.
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L53	SgRP - FRONT TO HEEL. The dimension measured horizontally from the SgRP - front to the accelerator heel point.
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W3	SHOULDER ROOM - FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP - front at height between the belt line and 254 mm (10.0 in.) above the SgRP - front, excluding the door assist strap and attaching parts.
----	---

W5

laterally between the trimmed surfaces on the "X" plane through the SgRP - front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP - front and 76 mm (3.0 in.) fore and aft of the SgRP - front.

W9	STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
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H7	ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP - front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
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H18	STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
-----	--

H30	SgRP - FRONT TO HEEL. The dimension measured vertically from the SgRP - front to the accelerator heel point.
-----	--

H50	UPPER BODY OPENING TO GROUND - FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP - front "X" plane.
H61	EFFECTIVE HEAD ROOM - FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP - front to the headlining plus 102 mm (4.0 in.).
H67	FLOOR COVERING THICKNESS - UNDEPRESSED - FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

L41	BACK ANGLE - SECOND. The angle measured between a vertical line through the SgRP - second and the torso line.
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L43	HIP ANGLE - SECOND. The angle measured between torso line and thigh centerline.
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L45	KNEE ANGLE - SECOND. The angle measured between thigh centerline and lower leg centerline.
-----	--

L47	FOOT ANGLE - SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
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L48	KNEE CLEARANCE - SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
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L50	SgRP COUPLED DISTANCE - SECOND. The dimension measured horizontally from the driver SgRP - front to the SgRP - second.
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L51	MINIMUM EFFECTIVE LEG ROOM - SECOND. The dimension measured along a line from the ankle pivot center to the SgRP - second plus 254 mm (10.0 in.).
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W4	SHOULDER ROOM - SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP - second at height between 254-406 mm (10.0-16.0 in.) above the SgRP - second, excluding the door assist straps and attaching parts.
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W6	HIP ROOM - SECOND. Measured in the same manner as W5.
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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.
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H51	UPPER BODY OPENING TO GROUND - SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP - second.
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H63	EFFECTIVE HEAD ROOM - SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
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H73	FLOOR COVERING - DEPRESSED - SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.
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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.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

Station Wagon / MPV – Third Seat Dimensions

L85 **SgRP COUPLE DISTANCE – THIRD.** The dimension measured horizontally from the SgRP – second to the SgRP – third.

L86 **EFFECTIVE LEG ROOM – THIRD.** The dimension measured along a line from the ankle pivot center to the SgRP – third plus 254 mm (10.0 in.).

L87 **KNEE CLEARANCE – THIRD.** The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.

L88 **BACK ANGLE – THIRD.** Measured in the same manner as L41.

L89 **HIP ANGLE – THIRD.** Measured in the same manner as L43.

L90 **KNEE ANGLE – THIRD.** Measured in the same manner as L45.

L91 **FOOT ANGLE – THIRD.** Measured in the same manner as L47.

W85 **SHOULDER ROOM – THIRD.** Measured in the same manner as W4.

W86 **HIP ROOM – THIRD.** Measured in the same manner as W5.

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 102 mm (4.0 in.).

H87 **SgRP – THIRD TO HEEL POINT.**

SD1 **SEAT FACING DIRECTION – THIRD.**

Station Wagon / MPV – Cargo Space Dimensions

L200 **CARGO LENGTH – OPEN – FRONT.** The minimum dimension measured longitudinally from the back of the front seatback at the height of the undeformed floor covering to the rearmost point on the undeformed 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 undeformed floor covering to the rearmost point on the undeformed 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 undeformed floor covering to the rearmost point on the undeformed 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 undeformed floor covering to the rearmost point on the undeformed 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 backpanel 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 wheelhouseings at floor level. For any vehicle not trimmed, measure to 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.

W500 **CARGO WIDTH AT FLOOR.** The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.

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

H201 **CARGO HEIGHT.** The dimension measured vertically from the top of the undeformed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.

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

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

H505 **MAXIMUM CARGO HEIGHT.** The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at 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 LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.	
V5	TRUCKS AND MPV'S WITH OPEN AREA. Measured in inches: $\frac{L506 \times W505 \times H503}{1728} = \text{ft}^3$ Measured in mm: $\frac{L506 \times W505 \times H503}{10^9} = \text{m}^3 \text{ (cubic meter)}$	
V6	TRUCKS AND MPV'S WITH CLOSED AREA. Measured in inches: $\frac{L204 \times W500 \times H505}{1728} = \text{ft}^3$ Measured in mm: $\frac{L204 \times W500 \times H505}{10^9} = \text{m}^3 \text{ (cubic meter)}$	
V8	HIDDEN LUGGAGE CAPACITY – REAR OF SECOND SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.	
V10	STATION WAGON CARGO VOLUME INDEX. Measured in inches: $\frac{H201 \times L205 \times W4}{1728} = \text{ft}^3$ Measured in mm: $\frac{H201 \times L205 \times W4}{10^9} = \text{m}^3 \text{ (cubic meter)}$	
V11	HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor: Measured in inches: $\frac{L210 + L211}{2} \times W4 \times H198 = \text{ft}^3$ Measured in mm: $\frac{L210 + L211}{2} \times W4 \times H198 = \text{m}^3 \text{ (cubic meter)}$	
V4	HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.	
V11	HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor: Measured in inches: $\frac{L210 + L211}{2} \times W4 \times H198 = \text{ft}^3$ Measured in mm: $\frac{L210 + L211}{2} \times W4 \times H198 = \text{m}^3 \text{ (cubic meter)}$	
V3	HATCHBACK Measured in inches: $\frac{L208 + L209}{2} \times W4 \times H197 = \text{ft}^3$ Measured in mm: $\frac{L208 + L209}{2} \times W4 \times H197 = \text{m}^3 \text{ (cubic meter)}$	
H197	FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undeepressed floor covering.	
H198	SECOND SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the second seatback to the undeepressed floor covering.	
L209	CARGO LENGTH AT FLOOR – FRONT. 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.	
L210	CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.	
L211	CARGO LENGTH AT FLOOR – SECOND SEATBACK. The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.	

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 electronically adjusted seats, see the manufacturer's specifications for Design "H" Point).

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.

Alternator	16	Passenger Capacity	1
Axle Drive, Front, Rear, All Four	2, 9, 10	Passenger Mass Distribution	26
Axle Shafts	10	Pistons	3
Battery	16	Power Brakes	12
Body and Miscellaneous Information	17	Power, Engine	2
Brakes - Parking Service	12, 13	Power Steering	14
Camber	15	Power Teams	2
Camshaft	3	Propeller Shaft	10
Capacitors	3	Pumps - Fuel	6
Cooling System	5	Water	5
Fuel Tank	6	Radiator - Cap, Hoses, Core	5
Lubricants		Ratios - Axle, Transaxle	2, 9, 10
Engine Crankcase	4	Compression	2
Transmission / Transaxle	8, 9	Steering	14
Rear Axle	10	Transmission / Transaxle	2, 8, 9
Carburetor	2, 6	Rear Axle	2, 10
Caster	15	Regulator - Alternator	16
Climate Control System	19	Restraint System	18
Clutch - Pedal Operated	8	Rims	13
Coil, Ignition	16	Rods - Connecting	4
Connecting Rods	4	Scrub Radius	14
Convenience Equipment	20-21	Seats	17
Cooling System	5	Shock Absorbers, Front & Rear	11
Crankshaft	4	Spark Plugs	16
Cylinders and Cylinder Head	3	Speedometer	15
Diesel Information	4	Springs - Front & Rear Suspension	11
Dimension Definitions		Stabilizer (Sway Bar) - Front & Rear	11
Key Sheet - Exterior	28, 31, 32	Starting System	16
Key Sheet - Interior	29, 30, 32, 33, 34	Steering	14
Electrical System	15, 16	Suppression - Ignition, Radio	16
Emission Controls		Suspension - Front & Rear	11
Engine - General	7	Tail Pipe	7
Bore, Stroke, Type	3	Theft Protection	21
Compression Ratio	2	Thermostat, Cooling	8
Displacement	2, 3	Tires	13
Firing Order, Cylinder Numbering	3	Toe-In	18
General Information, Power & Torque	2	Torque Converter	8
Intake System	4	Torque - Engine	2, 8, 9
Power Teams	2	Trailer Towing	21
Exhaust System	7	Transaxle	9
Equipment Availability, Convenience	20	Transmission - Types	2, 8, 9
Fan, Cooling	5	Transmission - Automatic	2
Filters - Engine Oil, Fuel System	4	Transmission - Manual	2, 8
Four Wheel Drive	10	Transmission - Ratios	2, 8, 9
Frame	17	Tread	22
Front Suspension	11	Trunk Cargo Load	2
Front Wheel Drive Unit	10	Trunk Luggage Capacity	2
Fuel Economy, EPA	1	Turning Diameter	14
Fuel Injection	6	Unitized Construction	18
Fuel System	6	Universal Joints, Propeller Shaft	10
Fuel Tank	6	Valve System	4
Glass	18	Vehicle Dimensions	
Headlamps	18	Width	22
Headroom - Body	23, 24	Length	22
Heights	22	Height	22
Horns	15	Ground Clearance	22
Horsepower - Brake	2	Front Compartment	2
Ignition System	16	Rear Compartment	2
Inflation - Tires	13	Luggage Compartment	2
Interior Volumes	23	Station Wagon - Third Seat	2
Instruments	15	Station Wagon - Cargo Space	2
Legroom	23, 24	Hatchback - Cargo Space	2
Lengths	22	Fiducial Marks	2
Leveling, Suspension	11	Voltage Regulator	11
Lifters, Valve	4	Water Pump	1
Linings - Clutch, Brake	8, 12	Weights	26, 2
Lubrication - Engine Transmission / Transaxle	4, 8, 9	Wheel Alignment	1
Luggage Compartment	23	Wheelbase	2
Models	1	Wheels & Tires	1
Motor Starting	16	Wheel Spindle	1
Muffler	7	Widths	2
Original	1	Windshield	11
		Windshield Wiper and Washer	11

