

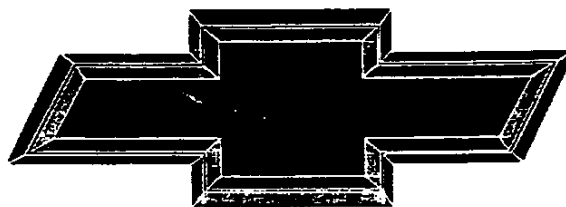
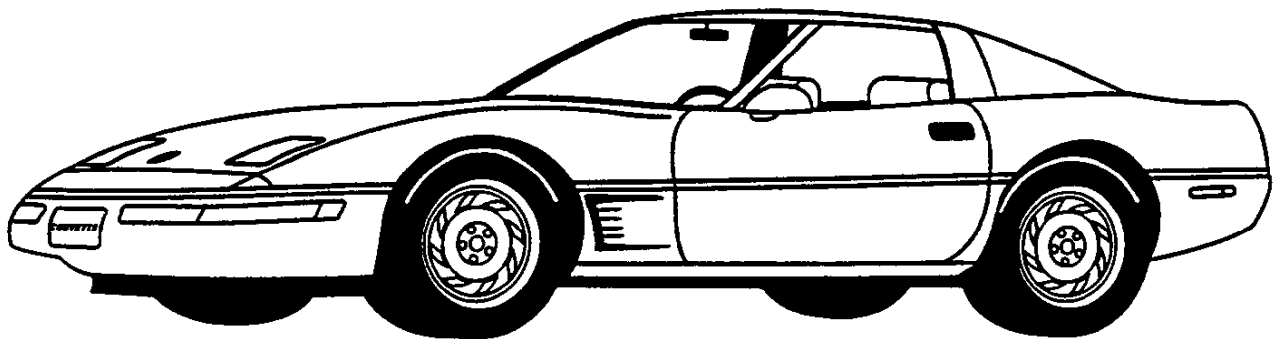




1995

CORVETTE

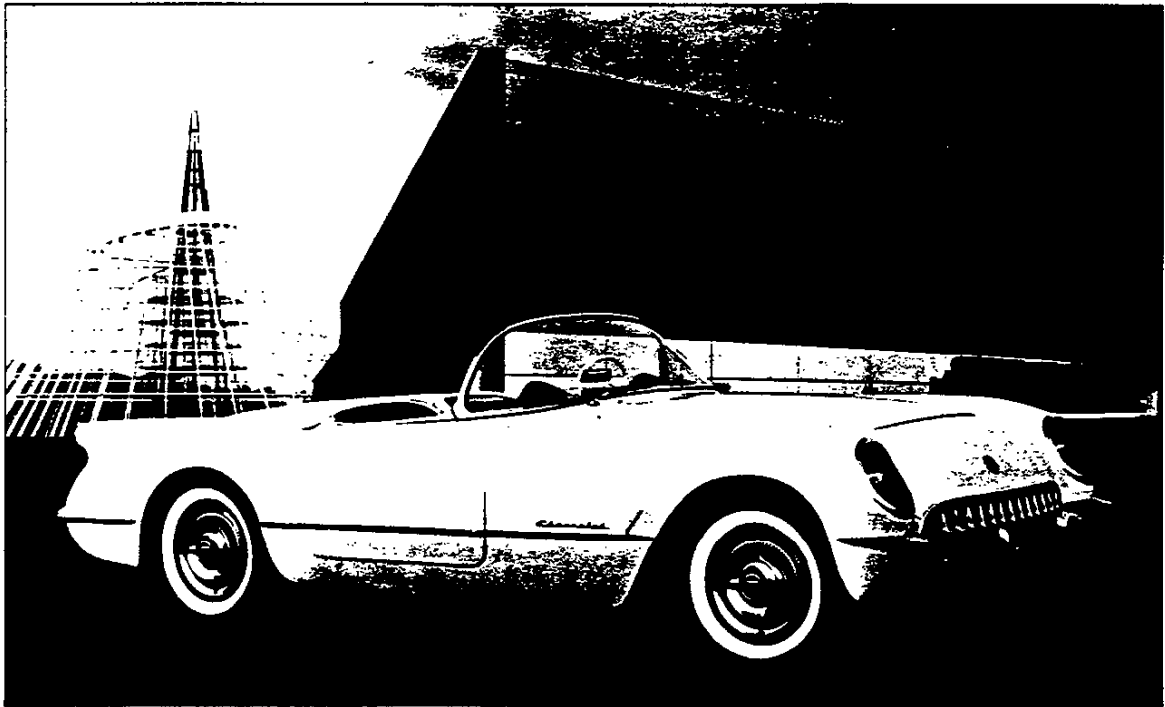
SPECIFICATIONS



GENUINE CHEVROLET™

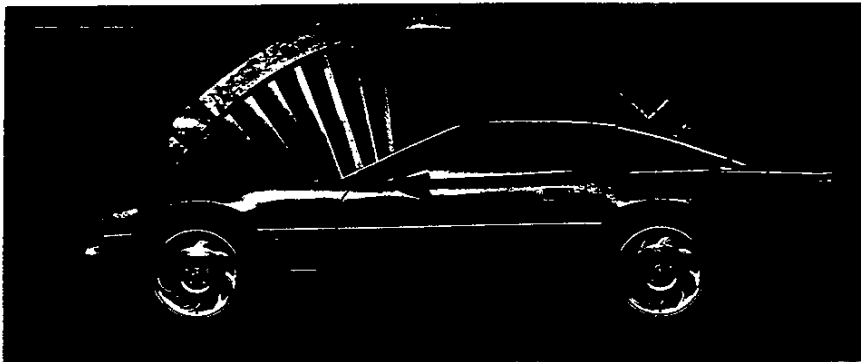


A Rich & Proud History



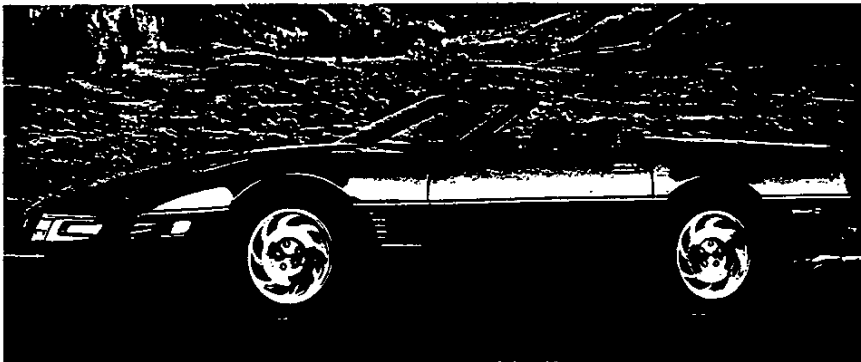
**Just 300 Corvettes were built during the 1953 model year.
But it signaled a new era in automotive history.**

CORVETTE MODEL LINEUP



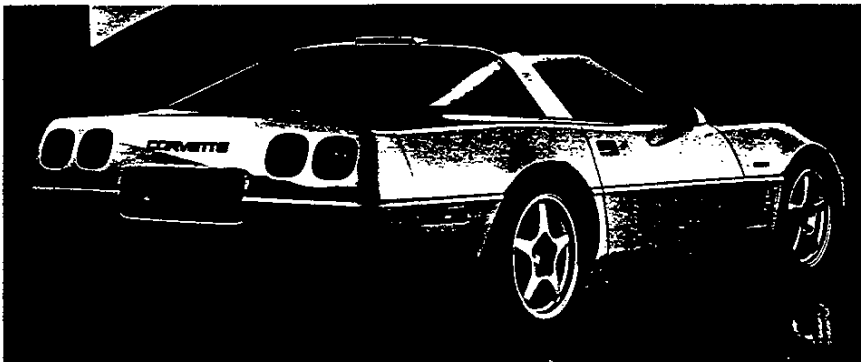
Corvette Coupe

Corvette Coupe is powered by a standard 5.7L LT1 V8 with Sequential Multi-Port Fuel Injection. Buyers can choose either a 4-speed electronic automatic transmission or a 6-speed manual transmission. Major standard features include Acceleration Slip Regulation (ASR), 4-wheel ABS, driver's and passenger's side air bags, Goodyear Eagle GSC asymmetrical tires and air conditioning with CFC-free refrigerant.



Corvette Convertible

In addition to the features described on Corvette Coupe, Corvette Convertible also includes a manually operated fold-down top with integral headliner and a glass rear window with defroster.

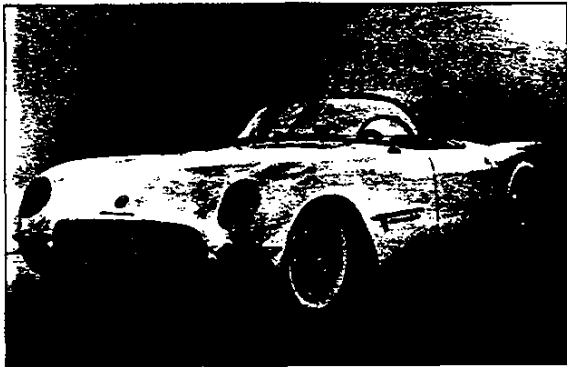


ZR-1

ZR-1 is powered by the exclusive 5.7L LT5 V8, which utilizes dual overhead cams and four valves per cylinder to produce 405 horsepower. Major standard features in addition to the Coupe and Convertible models include larger P275/40ZR17 front tires and P315/35ZR17 rear tires, Selective Ride Control, Low Tire Pressure Warning System, power sport seats and the Delco-Bose Gold Series sound system with cassette and compact disc player.

The 1950s

Corvette debuted in January of 1953 as a show car in GM's Motorama. It was a stylish two-seat convertible designed to show the world that GM could create a sports car to compete with European nameplates like Jaguar and MG.



All 1953 Corvettes were Polo White with red interiors.

The response to the Motorama show car was overwhelmingly positive, and production began that June in Flint, Michigan. It would change the landscape of the American road forever.

The Early Years

The 1953 Corvettes were built by hand and appeared nearly identical to the Motorama car. They were powered by the existing Chevrolet 235 cu.-in. 6-cylinder engine that was modified with a three-carburetor design and dual exhaust to give it more sports car-like performance. Named the Blue Flame Special, this engine generated 150 horsepower, and it was teamed with a 2-speed Powerglide automatic transmission.

This powertrain, however, did not live up to the performance expectations of sports car buyers. Although sales climbed to 3,640 units in 1954, they fell off dramatically to just 700 in 1955 — setting off rumors that Corvette might be a short-lived automotive experiment.

But Zora Arkus-Duntov had different ideas.

The Duntov Touch

Duntov, an engineer on the Corvette team since 1953 and a former European road racer, set out to give Corvette the two things it needed most — more performance and better handling.

Corvette's evolution into a true sports car began in 1955 when a 265 cu.-in. V8 that generated 195 horsepower was offered, and by the end of the model year, a 3-speed manual transmission was also available.



In 1955, driving a prototype V8-powered Corvette, Zora Arkus-Duntov set a new record in the Daytona "Measured Mile" at just over 150 miles per hour.

1956

Corvette received its first major styling update in 1956. Changes included an all-new body with "scooped out" sides, outside door handles, roll-up windows and an optional removable hardtop.

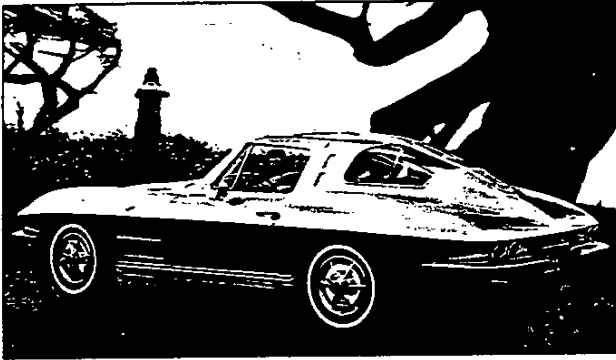
1957

Corvette got a performance boost to go along with its styling in 1957. The 283 cu.-in. V8 was modified with fuel injection to produce an unprecedented 283 horsepower and a new 4-speed manual transmission was offered as a \$188 option — making Corvette one of the first cars in the world to mate a fuel-injected engine with a 4-speed manual gearbox.

1958

Corvette lit up the streets in 1958 in more ways than one. The fuel injected 283 cu.-in. V8 was now producing up to 290 horsepower, and Corvette's new body design featured four headlights.

The 1960s



The 1963 Sting Ray Coupe featured a split rear window design, but it was replaced with a single piece rear window in 1964 because owners complained about visibility. Today, a 1963 split-window Coupe is a cherished prize among collectors.

Gaining Momentum

In 1960, Corvette production topped the 10,000 mark for the first time. It was now carving out a solid niche in the market and becoming a part of American culture.

In each year between 1960 and 1962, performance and styling enhancements made it more and more appealing to a wide variety of buyers. 1961 was the first year for Corvette's now trademark quad taillights. In 1962, engine displacement was increased to 327 cu.-in. and top horsepower was up to 360.

But the most exciting changes were still a year away.

1963

In 1963, Chevrolet unveiled its all new Corvette Coupe and Convertible models — the Sting Rays.

This was the first time Corvette was available as a hardtop coupe model as well as the traditional convertible. Both cars featured an all-new body design that was significantly trimmer and more stylish than the previous generation. It was also the first year for concealed headlamps. The chassis was all new as well, including an independent rear suspension.

The Sting Rays were the automotive success story of the year. Chevrolet had to add a second shift to its St. Louis, Missouri assembly plant to keep up with demand, and dealers reported owners waiting months for their cars to be built. By the end of the model year, Corvette production would surpass the 20,000-unit milestone.

1965

The Sting Rays continued Corvette's evolution through the mid-1960s. In 1965, the 396 cu.-in. "Big Block" V8 was available in Corvette. It was rated at 425 horsepower. Four-wheel disc brakes were also made standard, although buyers could choose drum brakes as a cost-delete option while supplies of parts lasted.

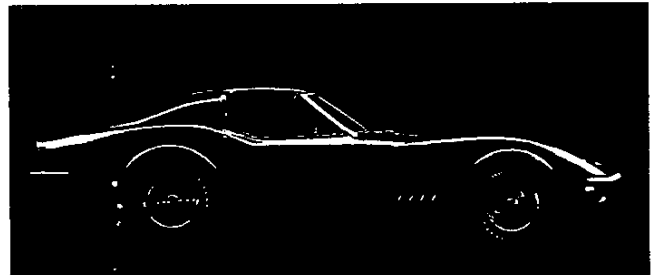
1967

In 1967, the limited production L88 Corvette was officially rated at 430 horsepower, although some Corvette historians believe that figure was artificially low. Only 20 of these L88 Corvettes were built.

1968

The all-new 1968 Corvette was dramatically different in appearance from any Corvette ever. Bearing a striking resemblance to Chevrolet's "Mako Shark II" concept vehicle, it literally changed the way people looked at cars. Along with its bold new look, the 1968 Corvettes introduced hidden windshield wipers and removable T-tops on Coupe models.

In 1968, Corvette production hit a new record of 28,566.



Corvette received its most radical styling change in 1968, and this basic body design would continue to evolve for 15 years.

The 1970s



Corvette celebrated its 25th Anniversary as the Official Pace Car of the 1978 Indianapolis 500.

A Time of Change

The 1970s were a time of great change for Corvette. While a late production start for the 1970 model year prevented the first cars from rolling off the assembly line until January, sales rebounded in 1971 and continued to climb. But at the same time, outside forces like the oil embargo and increasing government regulations were having an impact on Corvette's performance.

1970

The original high-performance LT1 engine, a 350 cu.-in. "Small Block," was introduced in 1970. It generated 370 horsepower. That year the "Big Block" displacement was increased to 454 cu.-in., and it was rated at 390 horsepower in the LS5 version.

1971

In 1971, a Special Purpose "Big Block" V8 was available that produced 425 horsepower. But 1971 was the last year for "gross" horsepower ratings. The industry changed to a "net" rating system that accounted for the exhaust system, vehicle accessories and other components. It provided a truer measure of an engine's performance and is still used today.

1975

Although Corvette had been available as a roadster since its debut, the Convertible model was dropped at the end of the 1975 model year. The next Corvette Convertible would not be available until 1986.

1977

In 1977, Corvette hit the 1/2-million milestone as the 500,000th car rolled off the assembly line. Leather seats were standard for the first time, although buyers could choose cloth as a no-cost option. Production reached 49,213 units.

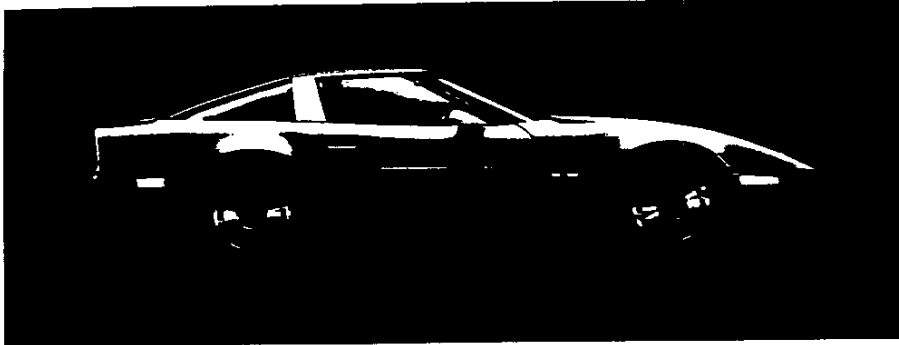
1978

Corvette celebrated its 25th Anniversary in 1978, and in recognition of this event it was selected as the Official Pace Car of the Indianapolis 500. Two special models were produced for public sale — a Pace Car appearance edition and a special Silver Anniversary paint package.

1979

In 1979, Corvette production hit 53,807 units — a record that still stands today.

The 1980s



The introduction of the 1984 Corvette was one of the most eagerly awaited vehicle announcements in recent history. It was named *Motor Trend's "Car of The Year."*

Anticipation

Sales of Corvette remained strong in the early '80s. It was clearly now a part of the American fabric — attracting buyers with its rich heritage and dramatic styling.

1983

No 1983 Corvettes were produced for public sale, but 43 pilot models of the new generation Corvette were built in 1983 for testing purposes. Today, one of those 1983 pilots is on display at the Corvette Assembly Plant in Bowling Green, Kentucky. The rest were scrapped.

1984

Chevrolet introduced the first all-new Corvette since 1968. It featured an all-new body design, a double-wishbone front suspension and five-link independent rear suspension teamed with Goodyear Gatorback unidirectional tires. Inside, the cockpit surrounded the driver and featured advanced electronic instrumentation.

1986

In 1986, the Corvette Convertible was back! To celebrate the convertible's return, Corvette again paced the Indy 500 and all convertibles were designated Pace Car replicas. Corvette's evolution as a world-class performance car also continued with the addition of new standard 4-wheel ABS, an increase in maximum horsepower to 230 from its 5.7-Liter V8, and continued suspension fine-tuning. The PASS-Key™ theft-deterrent system was also added as standard equipment on all models.

1989

Corvette's handling made great strides in 1989 with the Performance Handling Package becoming standard equipment and new 17-inch wheels and tires. The Selective Ride Control adjustable suspension system was also introduced — allowing drivers to choose between three different operating modes: "Touring," "Sport" and "Performance."

A new 6-speed manual transmission was also offered, giving drivers added ability to maximize Corvette's power range.

The 1990s

1990

ZR-1 roared to life in 1990 with an all-new 375 horsepower LT5 engine under its hood. Designed in a cooperative effort between General Motors and Lotus, the LT5's dual overhead cam, 32-valve design made Corvette the talk of the automotive world. To help distinguish the appearance of the ZR-1 from standard Corvette Coupes, it was given an all-new convex rear fascia and quad rectangular taillights.

All Corvettes received a new cockpit design that included digital readouts and analog gauges as well as a driver's-side air bag. The maximum horsepower of the standard L98 engine was increased to 250.

1991

Corvette received styling refinements for 1991 that included wrap-around front parking/cornering lamps, new side panel louvers and a ZR-1 style convex rear fascia on all models. To help differentiate the look of the ZR-1, its center high-mount stop lamp remained on the roof, while it was integrated into the rear fascia on both Coupe and Convertible. ZR-1 also received a ZR-1 badge on the sides of its clamshell hood.

1992

Corvette performance continued to grow in 1992 with the introduction of the second-generation LT1 — putting a 300 horsepower engine back in the standard Corvette. The engine was designated LT1 because it was the first Chevy "Small Block" to surpass the horsepower of the original LT1 in 1970.

The Acceleration Slip Regulation (ASR) system and Goodyear GS-C asymmetrical tires were also introduced as standard equipment.

The one-millionth Corvette was built on July 2, 1992 in Bowling Green, Kentucky.

1993

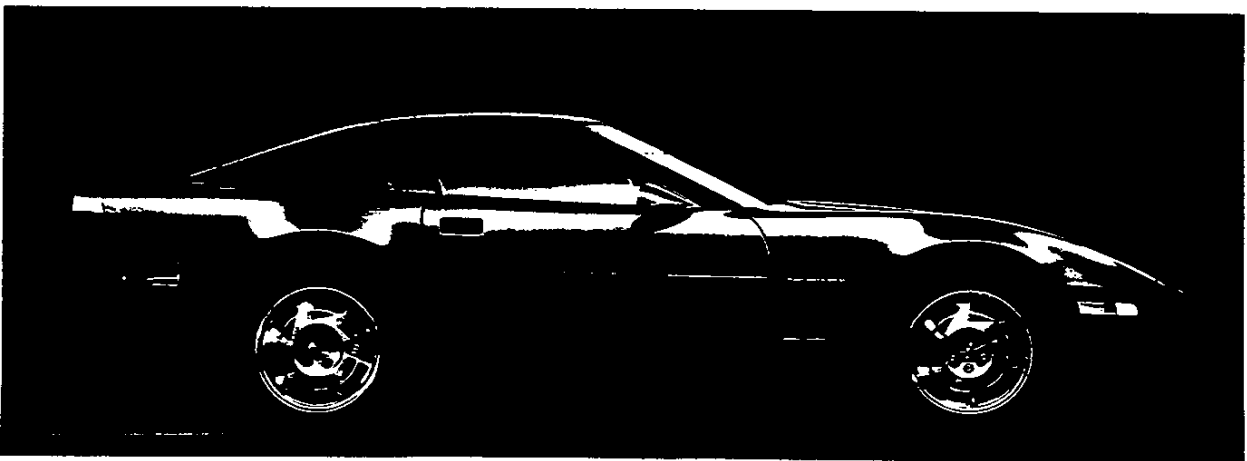
For 1993, LT5 output was boosted to 405 horsepower, and a special 40th Anniversary package was available on all models. Passive Keyless Entry (PKE) was also added as standard equipment.

1994

Corvette's cockpit was transformed in 1994 with a new single-piece instrument panel, a passenger's-side air bag, and new door panels. Both the standard and Sport seats were also restyled, and leather seats became standard equipment.

1995

The most noticeable change on the 1995 Corvette is the revised gill panel design. But when automotive historians look back on Corvette, 1995 will probably be best remembered as the last year for the ZR-1.



ZR-1 was introduced in 1990 and featured a 375 horsepower multi-valve engine.

Motorsports

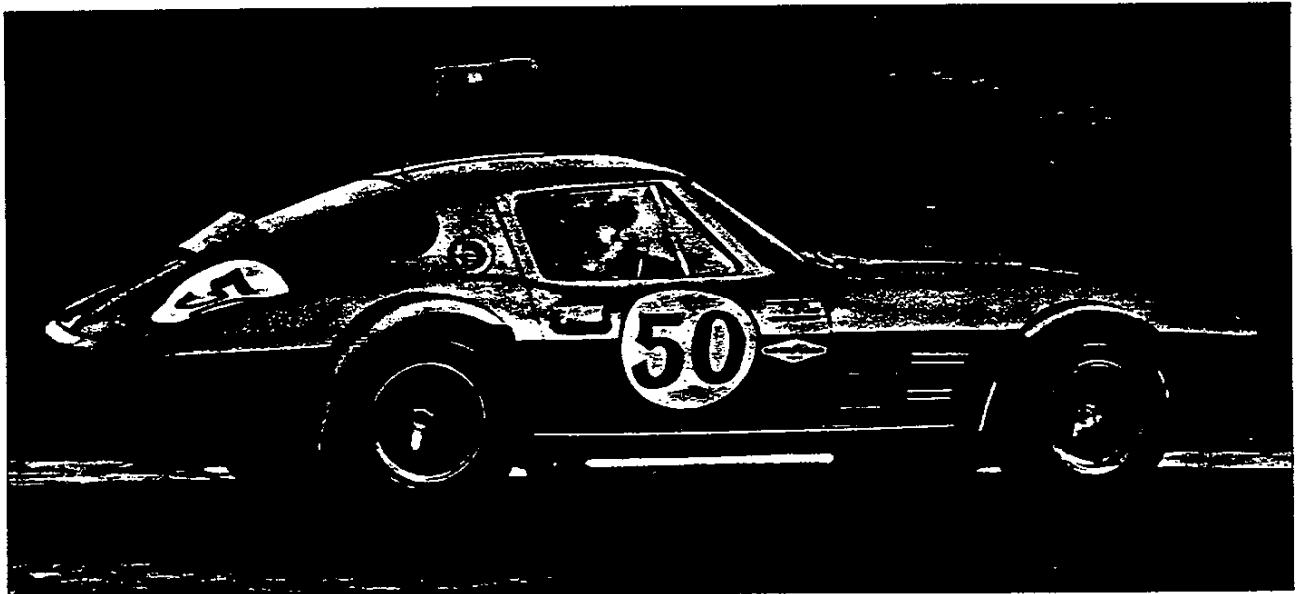
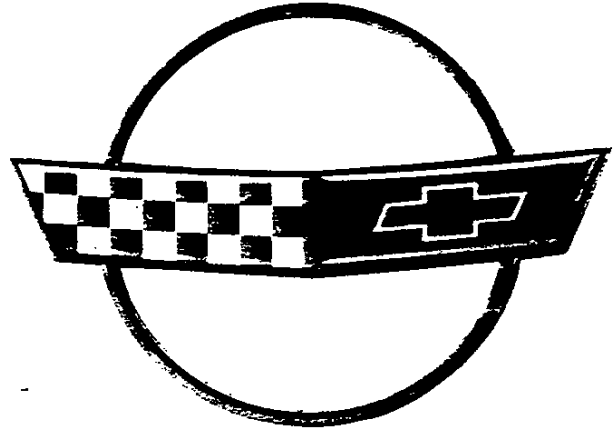
Early Success

Over the years, racing has helped in the development of Corvette — giving engineers the ability to test designs and components under the most extreme conditions.

Corvette's involvement in motorsports goes back almost as far as the car itself. After Zora Duntov's record run in the 1955 Daytona "Measured Mile," Corvette was off to the races.

The 12-hour endurance race at Sebring in 1956 was one of Corvette's first tests against international competition. On that day, a production Corvette finished first in class and 12th overall — an impressive showing versus its seasoned competitors.

In the years that followed, Corvette enjoyed tremendous success in the Sports Car Club of America's production car classes ... winning titles every year from 1956 through 1962.



Through the years, Corvette has been as at home on the race track as it is on the street.

Motorsports

Highlights of Corvette's early racing success also include:

- 1960: Won class at 12 Hours of Sebring. Eighth overall at 24 Hours of LeMans.
- 1961: Won class at Pike's Peak Hill Climb.
- 1968: Won GT Class at 12 Hours of Sebring and Daytona Continental.

Corvette also grabbed Sports Car Club of America (SCCA) titles in 1970, 1972, 1975 and 1979. But its biggest successes on the track have come recently.

Corvette Challenge

In 1987, after winning every race in the SCCA's Escort Endurance Series for three years running, Corvette was banned from future competition in the series.

So, for the next two years, identically prepared Corvettes faced off against each other in the special SCCA Corvette Challenge Series — resulting in some of the closest and most exciting production car racing ever.



In 1988 and 1989, identically prepared Corvettes faced-off in the Corvette Challenge Series.

World Challenge Champion

In 1990, Corvette was invited back to compete in the SCCA Escort World Challenge. The competition didn't fare any better. Corvette has grabbed the World Challenge titles for 1990, 1991 and 1992.

Corvette Racing Today

Today, Corvette remains a dominant force on race tracks across the country and around the world.

In 1993, ZR-1 finished first and second among the FIA GT-prepared cars in the GT Invitational class in the Sebring 12-hour race. ZR-1 also won the North American GT Endurance Cup Championship class at Watkins Glen.

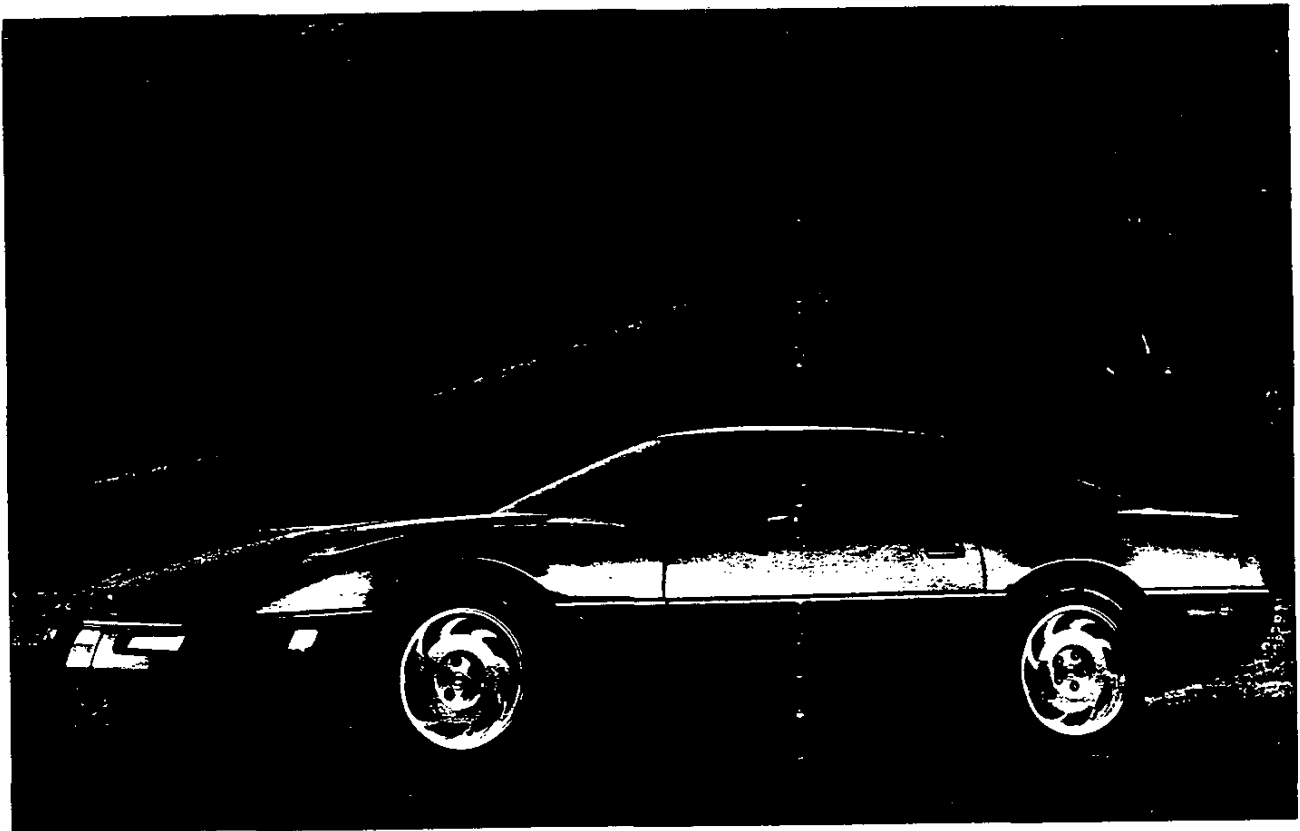
In 1994, Corvette won the GT 2 category in the BPR GT Endurance Series races at Vallelunga, Italy and Spa, Belgium.



Today, Corvette competes in a variety of races, including SCCA and IMSA events.

Corvette Rules The Road In High-Sport Segment

Corvette competes in the high-sport market, a segment of the industry that traditionally accounts for just 1% of new car sales in the United States each year. Recently, several new competitors have entered this relatively small segment — making competition for buyers even more fierce. But even in the face of new competition, Corvette dominates the high-sport market. In 1994 it captured a 32% share of the segment.



**Corvette is solidly positioned in the high-sport market
with its outstanding performance capability and rich heritage.**

Marketing

High-Sport Segment

Although it's just a small piece of the automotive market, more and more manufacturers are entering the high-sport segment. Recent new entries like the Dodge Viper, as well as new versions of familiar nameplates like Mazda RX-7 and Toyota Supra, are all competing for a piece of the action.

In addition to the increased number of vehicles, there's also been a market trend of higher prices. Take, for example, Corvette's traditional nemesis, Porsche:

- Between 1986 and 1991, the base price of a naturally aspirated 944 went from \$22,950 to \$43,350.
- For 1995, the base price of a Porsche 968 is \$39,950 and a Porsche 928 is \$82,260.

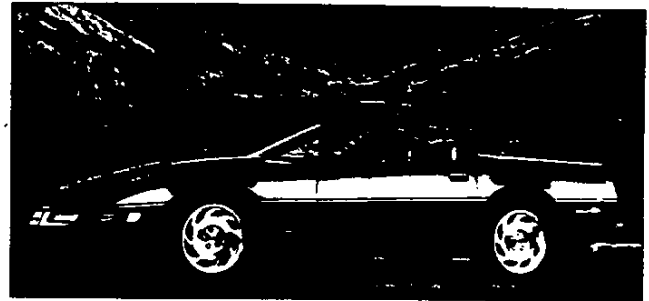
The prices of Japanese sports cars have also risen dramatically. In fact, many of these models used to compete with cars like Camaro. But the increased performance and prices of the newer models have put them in Corvette's class. For example:

- A 1988 Mazda RX-7 had a base price of \$15,480. Today's RX-7 starts at \$36,500.
- A standard non-Turbo Nissan 300ZX is \$35,009, while the Turbo starts at \$41,409.
- And Toyota Supra rings in with a base MSRP of \$36,900.

HIGH-SPORT SEGMENT OVERVIEW

	Actual		Forecast	
	1992 (000s)	1993 (000s)	1994 (000s)	1995 (000s)
Total Industry	7,904	8,798	8,624	8,600
High-Sport Segment	79	79	69	75
Corvette	18	21	22	19*
Corvette % of Segment	23%	27%	32%	25%

*A two-month shut down to install a new paint shop at the plant will limit production.



Corvette Strengths

Despite the proliferation of many newly styled competitors, Corvette has maintained a solid position in the market segment.

- Classic styling, character and personality. Few cars on the road are as recognizable as Corvette to all sorts of people — not just car enthusiasts.
- More than 40 years of delivering world-class performance and handling. Corvette's performance heritage runs deep. People know what to expect from Corvette, America's first true sports car.
- Long list of motorsports and performance accomplishments:
 - SCCA World Challenge championships
 - 24-hour speed and durability records for both Corvette and ZR-1 at Ft. Stockton, Texas test facility.
- Outstanding owner loyalty — 46% of Corvette buyers trade in another Corvette.

Corvette Buyers



46% Trade In A Corvette

46% of all Corvette buyers trade in another Corvette.

Marketing Challenges

Corvette must maintain market position against an influx of competitors.

- Must emphasize classic Corvette design and heritage versus newly styled competitive models such as Toyota Supra.
- Emphasize Corvette's commitment to continuous improvement, especially in the area of squeak and rattle minimization.
- Sell benefits of Corvette's "torquey" V8 power versus 6-cylinder, turbo and rotary engines.

1995 CORVETTE SALES FORECASTS

Model	% of Carline	Sales Forecast
Coupe	69%	13,094
Convertible	29%	5,510
ZR-1	2%	396

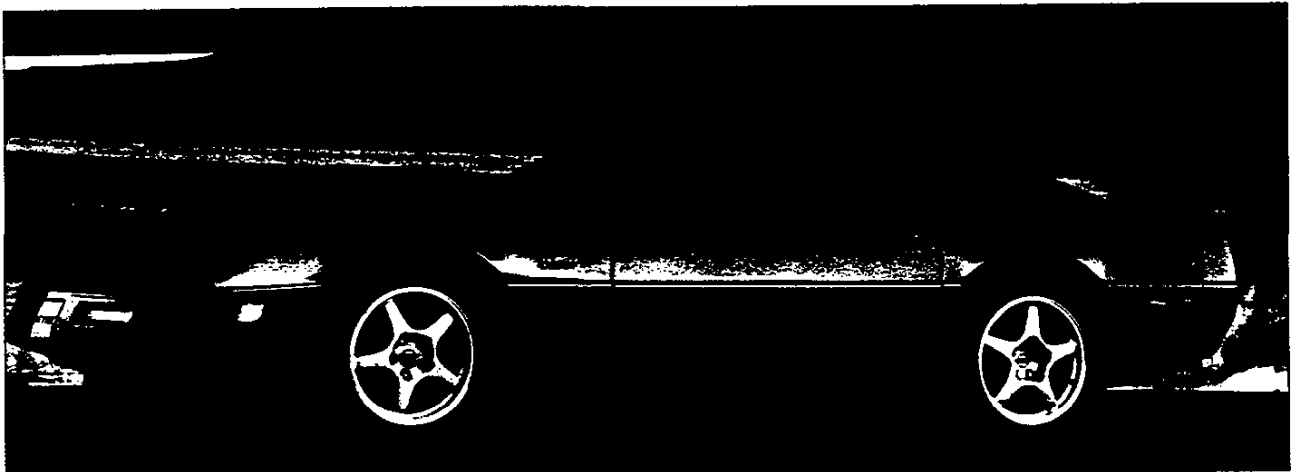
1995 POWERTRAIN LINEUP FORECAST

Corvette	
LT1 + Auto w/o G92	30%
LT1 + Auto w/G92	48%
LT1 + Manual	20%
ZR-1	
LT5 + Manual	2%

Corvette Opportunities

Corvette's classic styling must be distinguished from the more radical, trendy styling of many competitors.

- Focus on Corvette's proven performance technology, including LT1 and LT5 V8 engines, Acceleration Slip Regulation (ASR) and Goodyear GS-C tires.
- Capitalize on the availability of Goodyear Extended Mobility Tires (EMT) and spare tire delete option. (See Page 25 for EMT overview.)
- Sell Corvette's heritage. Newcomers can't match its position as America's dream car.



ZR-1 delivers world-class performance statistics at a price considerably lower than the European exotics.

Specification Charts

1995 Chevrolet Corvette

Model Availability	
Corvette	2-Door Coupe
Corvette Convertible	2-Door Convertible
Corvette ZR-1	2-Door Coupe
Vehicle Class	High Sport
Assembly	Bowling Green, Kentucky

Engine		
Model	Coupe/Conv.	ZR-1
Type	5.7 Liter SFI V8	5.7 Liter SFI DOHC V8
Block	Cast Iron	Cast Aluminum
Cylinder Head	Cast Aluminum	Cast Aluminum
Hydraulic Lifters	Yes/Roller	Yes
Bore x Stroke (in.)	4.0 x 3.48	3.9 x 3.66
(mm)	101.6 x 88.39	99 x 93
Cam Drive	Chain	Chain
Redline (rpm)	5700	7200
Displacement (Liters/CID)	5.7/350	5.7/350
Comp. Ratio	10.5:1	11.0:1
Fuel Induction	SFI	SFI
Horsepower @ engine rpm	300 @ 5000	405 @ 5800
Torque (lbs.-ft.) @ engine rpm	340 @ 4000	385 @ 5200
Rec. Fuel (Unleaded)	87 Octane	91 Octane (Req.)

Capacities		
Engine Oil (qts.)	4.0	9.0
Engine Coolant (qts.)	9.61	14.73

Drivetrain		
Model	Standard. Coupe/Conv.	Standard ZR-1 (Opt Coupe/Conv)
Transmission	4-Spd. Elec. Auto. w/O.D.	6-Speed Manual
Type	RWD	RWD
Layout	Longitudinal	Longitudinal
Gear Ratios:		
1st	3.06	2.64
2nd	1.63	1.78
3rd	1.00	1.30
4th	0.70	1.00
5th	—	0.74
6th	—	0.49
Reverse	2.29	2.42
Effective Final Drive Ratio:		
Coupe/Conv.	2.59/3.07	3.45
ZR-1	N/A	3.45

Preliminary Mileage/Performance			
Model	Automatic Coupe/Conv.*	Manual Coupe/Conv.*	ZR-1
Mileage:			
City	17	17	17
Highway	24	27	25
Combined	19	20	20

Preliminary Mileage/Performance (continued)

Model	Automatic Coupe/Conv.*	Manual Coupe/Conv.*	ZR-1
Est. Cruising Range:			
City	340	340	340
Highway	480	500	500
Combined	380	400	400

Est. Horsepower to Vehicle Weight Ratio:	
Coupe	1-to-10.67 lbs.
Convertible	1-to-11.2 lbs.
ZR-1	1-to-8.67 lbs.

Est. Torque (lbs.-ft.) to Vehicle Weight Ratio:	
Coupe	1-to-9.42 lbs.
Convertible	1-to-9.88 lbs.
ZR-1	1-to-9.12 lbs.

**94 Mileage Data

Chassis	
Structure/Frame	Integral Perimeter Frame/All Welded Steel Body Frame Construction

Body Material	Fiberglass Reinforced Plastic
---------------	-------------------------------

Suspension	
Front	Independent SLA Forged Aluminum Upper and Lower Control Arms and Steering Knuckle, Transverse Monoleaf Spring and Steel Stabilizer, Spindle Offset

Rear	Independent 5-Link Design with Tow and Camber Adjustment, Forged Aluminum Control Links and Knuckle, Transverse Monoleaf Spring, Steel Tie Rods and Stabilizer, Tubular U-Jointed Aluminum Driveshafts
------	--

Steering	
Type	Power Rack-and-Pinion
Ratio (overall)	15.7:1
Turns stop-to-stop	2.32
Turning Diameter (ft.):	
Curb-to-curb	40.0
Wall-to-wall	41.3

Brakes		
Type	Power, Vacuum, 4-Wheel Vented Disc, Heavy Duty, 4-Wheel ABS, Acceleration Slio Regulation IIIU	

Measurements (sq. in.):	Front	Rear
Gross Lining:	33.0	18.4
Effective Area:	32.4	18.4
Total Swept Area:	115.5	94.2

Specification Charts

1995 Chevrolet Corvette

Wheels and Tires	
Wheel Type/Size	Alum. Alloy 17" x 8.5" Front, 17" x 9.5" Rear
Tire Type	High Speed Steel-Belted Radial Eagle 40ZR (Goodyear) Unidirectional & Asymmetrical
Tire Size	P255/45ZR-17 Front (Base) P285/40ZR-17 Rear (Base)
Spare Size:	T155/70D-17
Tire Size:	P275/40ZR-17 Front (ZR-1) P315/35ZR-17 Rear (ZR-1)

What's New for 1995	
New Interior Features:	
French Seam Seat Stitching (Sport Seats)	
New Exterior Features:	
Gill Panels	
Color-Keyed Seat Back Lever and Bezel	
Exterior Color	
New Performance Features:	
Standard Heavy-Duty Brakes	
Automatic Transmission Enhancements	
Auto. Trans. Fluid Temperature Display on Instrument Panel	
Lower Spring Rates (Base Suspension Coupes)	
de Carbon Shock Absorbers	
Spare Tire Delete Option (w/Extended Mobility Tires, Interim Availability)	

Standard Equipment	
Standard Exterior Features:	
Acceleration Slip Regulation	
Anti-Theft System	PASS-KEY II
Body Structure	Uniframe-Design with Corrosion-Resistant Coating
Brake System	Heavy-Duty, 4-Wheel Anti-Lock Rear Disc
Brake-Transmission Shift Interlock	Auto Trans Only
Bumpers	2.5-MPH
Defogger	Rear Window
Defoggers	Side Windows
Engine	5.7 Liter SFI V8 with Aluminum Heads, Composite Valve Rocker Covers, Sequential-Port Fuel Injection (SFI), Aluminum Intake Manifold, and Roller Valve Lifters
Entry	Passive Keyless, w/Remote Hatch Release (Coupe only)
Front End Assembly	Clamshell-Opening for Easy Engine Access
Glass	Solar-Ray
Hatch	Rear, Full-Glass with Two Interior Remote Releases and Roller-Shade Cargo Cover (Coupe Only)
Headlamps	Power-Operated Retractable Halogen

Standard Equipment (continued):	
Standard Exterior Features (continued):	
Ignition System	Distributorless Opti-Spark
Induction System	Outside Air
Insulation Package	Acoustic
Lamps	Halogen Fog
Lamps	Front Cornering
Lamps	Underhood Courtesy
Mirrors	Outside, Dual Electrically Adjustable Heated Rearview
Paint	Base-Coat/Clear-Coat
Roof Panel	One-Piece Removable Fiberglass (Coupe Only)
Roof	Full Folding (Convertible Only)
Shock Absorbers	de Carbon
Steering	Power Rack-and-Pinion
Suspension	Independent Front and Rear with Transverse Fiberglass Leaf Springs and Forged Aluminum A-Arms
Tires	P255/45ZR-17, Front
Tires	P285/40ZR-17, Rear
Wheels	Aluminum, 17 x 8.5" Front
Wheels	Aluminum, 17 x 9.5" Rear
Wipers	Intermittent
Standard Interior Features:	
Air Bag System	Driver and Passenger Side
Air Conditioning	Manual Control
Console	Center with Coin Tray, Cassette and CD Storage, Locking Lighted Storage Compartment and Integral Armrest
Door Locks	Power
Fabric Protector	Scotchgard™ on Floor Covering
Indicator	Low Oil Level
Instrumentation	Electronic Liquid-Crystal with White Analog and Digital Display; Switchable English or Metric Readouts
Mirror	Day/Night Rearview with Reading, Ashtray and Courtesy Lamps
Mirrors	Covered Visor, L.H. and R.H., Lighted
Radio	Electronically Tuned AM/FM Stereo w/Seek-Scan, Digital Clock, Stereo Cassette Tape, Power Antenna and Extended Range Speakers
Reminder	Headlamps-on
Seats	Leather Seating Surface Bucket with Lateral Support and Back Angle Adjustment
Speed Control	Electronic with Resume Speed
Steering Wheel	Tilt-Wheel, Sport, Leather-Wrapped
Storage Compartment	Integral w/Door Armrest
Windows	Power With Driver Side Express Down

CORVETTE

REVISED: 8-8-94

1995 ORDER GUIDE

CORVETTE
Page 1

Prices Shown Are Manufacturer's Suggested Retail Prices (MSRP) At the Time of Publication. These Prices Are To Be Used Only As An Aid To Inventory Management Since MSRP Figures Change Periodically. The Vehicle Price Schedule Is The Official Pricing Documentation Of Chevrolet Motor Division And Should Be Used In Discussing Vehicle Prices With Potential Buyers. The Model Prices Shown In The Order Guide Include The Destination Freight Charges.

CHEVROLET SPECIFICATIONS - 1995 CORVETTE

MODELS PASSENGERS

Convertible 1YY67	2
Coupe 1YY07	2

DIMENSIONS (inches)

EXTERIOR

Wheelbase	96.2
Length (overall)	178.5
Width (overall)	70.7

INTERIOR

Head Room-Front	
Coupe	36.5
Convertible	37.0
Shoulder Room-Front	53.9
Hip Room-Front	49.3
Leg Room-Front	42.0

LUGGAGE/CARGO CAPACITY (cu. ft.)

Luggage Compartment	Coupe	12.6
.....	Convertible	6.6

RATED FUEL TANK CAPACITY (gallons)	20.0
--	------

STANDARD EQUIPMENT SUMMARY

EXTERIOR

Acceleration Slip Regulation (ASR)
 Anti-Theft System, PASS-KEY II
 Body Structure, Uniframe-Design with Corrosion-Resistant Coating
 Brake System, Heavy Duty, 4-Wheel Anti-Lock/Rear Disc

Brake-Transmission Shift Interlock (Auto Trans Only)
 Bumpers, 2.5-MPH

Defogger, Rear Window
 Defoggers, Side Windows

Engine, 5.7 Liter SFI V8 with Aluminum Heads,
 Composite Valve Rocker Covers, Sequential-Port
 Fuel Injection (SFI), Aluminum Intake Manifold, and
 Roller Valve Lifters

Entry, Passive Keyless, w/Remote Hatch Release
 (Coupe Only)

Front End Assembly, Clamshell-Opening for Easy
 Engine Access

Glass, Solar-Ray

Hatch, Rear, Full-Glass with Two Interior Remote
 Releases and Roller-Shade Cargo Cover (Coupe Only)

Headlamps, Power-Operated Retractable Halogen
 Ignition System, Distributorless Opti-Spark

Induction System, Outside Air

Insulation Package, Acoustic

Lamps, Halogen Fog

Lamps, Front Cornering

Lamps, Underhood Courtesy

Mirrors, Outside, Dual Electrically Adjustable Heated Rear
 View

Paint, Base-Coat/Clear-Coat

Roof Panel, One-Piece Removable Fiberglass (Coupe
 Only)

Roof, Full Folding (Convertible Only)

Shock Absorbers, deCarbon

Steering, Power Rack-and-Pinion

Suspension, Independent Front and Rear with
 Transverse Fiberglass Leaf Springs and Forged
 Aluminum A-Arms

Tires, P255/45ZR-17, Front

Tires, P285/40ZR-17, Rear

Wheels, Aluminum, 17 x 8 1/2" Front

Wheels, Aluminum, 17 x 9 1/2" Rear

CORVETTE EQUIPMENT SUMMARY

STANDARD INTERIOR FEATURES

1YY67 1YY07

CLOSEOUT PANEL:	CARGO COMPARTMENT AREA	S	S
DEFOGGERS:	REAR WINDOW	S	S
	SIDE WINDOWS	S	S
GAGES:	SPEED CONTROL, ELECTRONIC WITH RESUME SPEED	S	S
GLASS:	TINTED, SOLAR-RAY	S	S
INSTRUMENTATION:	ELECTRONIC LIQUID-CRYSTAL WITH WHITE ANALOG AND DIGITAL DIAPLAY; SWITCHABLE ENGLISH OR METRIC READOUTS	S	S
LIGHTING:	COURTESY AND UNDER HOOD LAMPS	S	S
LOCKS:	POWER DOOR LOCKS	S	S
RESTRAINT SYSTEM:	DRIVER AND PASSENGER SIDE AIR BAGS	S	S
SCOTCHGARD:	FABRIC PROTECTOR ON FLOOR COVERING	S	S
WARNING LIGHTS:	LOW OIL LEVEL	S	S
WARNING TONE:	HEADLAMPS-ON	S	S
WINDOWS:	POWER WITH DRIVER SIDE EXPRESS DOWN	S	S

STANDARD EXTERIOR FEATURES

ASR:	ACCELERATION SLIP REGULATION	S	S
BODY STRUCTURE:	UNIFRAME-DESIGN W/CORRISION-RESISTANT COATING	S	S
HATCH:	REAR, FULL GLASS W/TWO INTERIOR REMOTE RELEASES AND ROOLER-SHADE CARGO COVER (COUPE ONLY)	--	S
INDUCTION SYSTEM:	OUTSIDE AIR	S	S
INSULATION:	INSULATION PKG, ACOUSTIC	S	S
KEYLESS ENTRY:	PASSIVE KEYLESS, W/REMOTE HATCH RELEASE (COUPE ONLY)	--	S
PAINT:	BASE-COAT/CLEAR-COAT	S	S
PASS KEY II:	THEFT DETERRENT SYSTEM	S	S
ROOF FULL:	FULL FOLDING (CONVERTIBLE ONLY)	S	--
ROOF PANEL:	ONE-PIECE REMOVABLE FIBERGLASS (COUPE ONLY)	--	S
TIRES:	P255/RTZR-17 FRONT	S	S
	P285/40ZR-17 REAR	S	S
WIPERS:	INTERMITTENT	S	S

STANDARD CHASSIS FEATURES

BRAKES:	HEAVY-DUTY 4-WHEEL ANTI-LOCK/REAR DISC BRAKE/TRANSMISSION SHIFT INTERLOCK (AUTO TRANS ONLY)	S	S
ENGINE:	5.7 LITER SFI V8 W/ALUMINUM HEADS, COMPOSITE VALVE ROCKER COVERS, SEQUENTIAL-PORT FUEL INJECTION (SFI) ALUMINUM INTAKE MANIFOLD, AND ROLLER VALVE LIFTERS	S	S
ENGINE ACCESS:	FRONT END ASSEMBLY, CLAMSHELL-OPENING FOR EASY ACCESS	S	S
IGNITION SYSTEM:	DISTRIBUTORLESS OPI-SPARK	S	S
SHOCK ABSORBERS:	DeCARBON	S	S
SPRINGS:	FIBERGLASS LEAF SPRINGS AND FORGED ALUMINUM A-ARMS	S	S
STEERING:	POWER RACK AND PINION	S	S
SUSPENSION:	INDEPENDENT FRONT AND REAR W/TRANSVERSE	S	S

**CORVETTE
TRIM DEFINITION & OPTION SUMMARY**

INTERIOR TRIM

		1YY67	1YY07
AIR CONDITIONING:		S	S
CONSOLE:	CENTER WITH ASHTRAY, COIN TRAY, CASSETTE AND CD	S	S
MIRRORS:	REARVIEW, DAY/NIGHT WITH READING	S	S
RADIO:	ELECTRONICALLY TUNED AM/FM STEREO RADIO W/SEEK-SCAN, DIGITAL CLOCK, STEREO CASSETTE TAPE, POWER ANTENNA AND EXTENDED RANGE SPEAKER	S	S
SEATS:	LEATHER SEATING SURFACE BUCKET WITH LATERAL SUPPORT AND BACK ANGLE ADJUSTMENT	S	S
STEERING WHEEL:	TILT WHEEL, SPORT, LEATHER WRAPPED	S	S
STORAGE:	STORAGE COMPARTMENT, INTEGRAL WITH DOIR ARMREST	S	S
VISORS:	COVERED LH AND RH AND LIGHTED MIRRORS	S	S

EXTERIOR TRIM

BUMPERS:	2-5-MPH	S	S
HEADLAMPS:	FRONT CORNERING	S	S
	HALOGEN FOG	S	S
	POWER-OPERATED RETRACTABLE HALOGEN	S	S
MIRRORS:	OUTSIDE MIRRORS, DUAL ELECTRICALLY ADJUSTABLE HEATED REARVIEW	S	S
WHEELS:	ALUMINUM 17 X 8 1/2 FRONT	S	S
	ALUMINUM 17 X 9 1/2 REAR	S	S

CHEVROLET SPECIFICATIONS - 1995 CORVETTE

STANDARD EQUIPMENT SUMMARY

Wipers, Intermittent

INTERIOR

Air Bag System (Driver and Passenger Side)

Air Conditioning

Console, Center with Coin Tray, Cassette and CD Storage, Locking Lighted Storage Compartment and Integral Armrest

Door Locks, Power

Fabric Protector, Scotchgard on Floor Covering

Indicator, Low Oil Level

Instrumentation, Electronic Liquid-Crystal with

White Analog and Digital Display:

Switchable English or Metric Readouts

Mirror, Day/Night Rearview with Reading, Ashtray and Courtesy Lamps

Mirrors, Covered Visor, L.H. and R.H., Lighted

Radio, Electronically Tuned AM/FM Stereo w/Seek-Scan, Digital Clock, Stereo Cassette Tape, Power Antenna and Extended Range Speakers

Reminder, Headlamps-on

Seats, Leather Seating Surface Bucket with Lateral Support and Back Angle Adjustment

Speed Control, Electronic with Resume Speed

Steering Wheel, Tilt-Wheel, Sport, Leather-Wrapped

Storage Compartment, Integral w/Door Armrest

Windows, Power With Driver Side Express Down

*37345.00

CORVETTE COUPE MODEL 1YY07

*Includes Destination & Handling Charges

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

N.C.	Base Preferred Equipment Group (Refer Standard Summary Page)		
1333.00	Preferred Equipment Group 1	1SAX	1SBX
	Air Conditioning - Electronic		x
	Delco/Bose Music System, Electronically Tuned AM/FM		
	Stereo Radio w/Seek-Scan, Digital Clock and Stereo		
	Cassette Tape		x
	Power Seat (Driver)		x

ADDITIONAL OPTIONS

		ACKNOWLEDGEMENTS				ROOF PANEL
N.C.	R8S	Multiple Order Numbers	650.00	24S		Transparent, Removable, Blue Tint
N.C.	R8T	Preliminary Invoice	650.00	64S		Transparent, Removable, Bronze Tint
50.00	G92	AXLE: Performance Ratio (Reqs MX0 Trans)				SEATS:
(-100.00)	N84	DELETE: Spare Tire (Reqs WY5 Tires and UJ6 LTP Warning) (N/A Rhode Is)	305.00	AG1		Power, Six-Way (Driver) (Incl With 1SBX)
		EMISSIONS: (Refer Emission Requirements Tab Section)	305.00	AG2		Power Seat, Six-Way (Passenger) (Reqs AG1 Power Seat)
N.C.	FE9	Federal Emission Requirement				AR9
100.00	NG1	Massachusetts Emission Requirement	N.C.	AR9		Leather Seating Surface Bucket
100.00	YF5	California Emission Requirement	625.00	AQ9		Adjustable Sport Leather Seating Surface Bucket (Reqs AG1 and AG2 Power Seats)
N.C.	NB8	California/MA Emission Override (Reqs FE9 Emission)				SELECTIVE RIDE AND HANDLING: Electronic.
N.C.	NC7	Federal Emission Override (Reqs YF5/NG1 Emission)	1695.00	FX3		The Handling Package for Ultimate Driver Comfort and Control Through the Use of the Driver Adjustable Ride Control System. (Incls Std Suspension Components and Bilstein Adjustable Ride Control System) (Reqs AG1 and AG2 Power Seats)
N.C.	LT1	ENGINE: 5.7 Liter SFI V8				TIRES: Extended Mobility.
2045.00	Z07	PERFORMANCE HANDLING PACKAGE:				P255/45 ZR17 B/W (Front)
		Driver Adjustable Performance Oriented Package for the Gymkhana/Autocross Enthusiast (Incls FX3 Selective Ride and Handling, Bilstein Adjustable Ride Control System Stiffer Springs, Stabilizer Bars and Bushings, 17x19 1/2 Wheels and P275/40 ZR17/N BL Tires (with MX0 Trans Reqs G92 Axle) (Reqs AG1 and AG2 Power Seats)	70.00	WY5		P285/40 ZR17 B/W (Rear) (Reqs UJ6 Low Tire Pressure Warning) (N/A Z07 Performance Handling Package)
V.P.S.	U1F	RADIO EQUIPMENT: Delco/Bose Music System, Electronically Tuned AM/FM Stereo Radio With Seek-Scan, Digital Clock, Stereo Cassette Tape and Compact Disc Player (Reqs 1SBX)				TRANSMISSION
				N.C.	MX0	4-Speed Automatic
				N.C.	MN6	6-Speed Manual
950.00	C2L	ROOF PACKAGE: Includes Standard Solid Panel and Transparent Panel. (Reqs 24S or 64S Panel)	325.00		UJ6	WARNING: Low Tire Pressure

*AQO ADDITIONAL REMOTE FOR PFE, 1st Vehicle produced 11-24-94
LAST 6 of vin 108783*

CORVETTE COUPE

COLOR AND TRIM SELECTION

PLEASE NOTE: Below are the interior trim color and exterior paint combinations *recommended* by Chevrolet. However, any available interior trim color may be ordered with one of these exterior colors if that particular combination is desired by the customer.

Interior Trim Color		Black	Lt Beige	Lt Gray	Torch Red	
MODEL	SEAT TYPE	** SEAT OPT				
1YY07	Leather Bucket *Leather Adjustable Sport Bucket	AR9 AQ9	193X 193X	643X 643X	143X 143X	703X 703X

*Reqs AG1 & AG2 Power Seats

**Seat Option AR9 or AQ9 Must Be Specified

SOLID PAINT APPLICATION

Exterior Paint Color	Color Code	Black	Lt Beige	Lt Gray	Torch Red
Aqua, Bright (Met) -	43UX	x	x	x	
Black	41UX	x	x	x	x
Blue, Admiral (Met)	28UX	x	x	x	
Green, Polo II (Met)	45UX	x	x		
Purple, Dk (Met)	05UX	x	x	x	
Red, Dk (Met)	75UX	x	x	x	
Red, Torch	70UX	x	x	x	x
Yellow, Competition	53UX	x	x	x	
White, Arctic	10UX	x	x	x	x

POWER TEAMS

ENGINE OPTION CONDITION	AXLE RATIO		
	2.59	3.07	3.45
LT1 MX0	Std	G92	----
MN6	----	----	Std

REVISED: 8-8-94

1995 ORDER GUIDE

CORVETTE
Page 5

Prices Shown Are Manufacturer's Suggested Retail Prices (MSRP) At the Time of Publication. These Prices Are To Be Used Only As An Aid To Inventory Management Since MSRP Figures Change Periodically. The Vehicle Price Schedule Is The Official Pricing Documentation Of Chevrolet Motor Division And Should Be Used In Discussing Vehicle Prices With Potential Buyers The Model Prices Shown In The Order Guide Include The Destination Freight Charges.

*44225.00

CORVETTE CONVERTIBLE MODEL 1YY67

*Includes Destination & Handling Charges

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

N.C.	Base Preferred Equipment Group (Refer Standard Summary Page)		
1333.00	Preferred Equipment Group 1	1SCX	1SDX
	Air Conditioning - Electronic		x
	Delco/Bose Music System, Electronically Tuned AM/FM		
	Stereo Radio w/Seek-Scan, Digital Clock and Stereo		
	Cassette Tape		x
	Power Seat (Driver)		x

ADDITIONAL OPTIONS

	ACKNOWLEDGEMENTS	1695.00	FX3	SELECTIVE RIDE AND HANDLING: Electronic. The Handling Package for Ultimate Driver Comfort and Control Through the Use of the Driver Adjustable Ride Control System. (Incls Std and Bilstein Adjustable Ride Control System) (Reqs AG1 and AG2 Power Seats)
N.C.	R8S Multiple Order Numbers			
N.C.	R8T Preliminary Invoice			
50.00	G92 AXLE: Performance Ratio (Reqs MX0 Trans)			
(-100.00)	N84 DELETE: Spare Tire (Reqs WY5 Tires and UJ6 LTP Warning) (N/A Rhode Island)			
	EMISSIONS: (Refer Emission Requirements Tab Section)			
N.C.	FE9 Federal Emission Requirement			
100.00	NG1 Massachusetts Emission Requirement			
100.00	YF5 California Emission Requirement	70.00	WY5	TIRES: Extended Mobility. P255/45 ZR17 B/W (Front) P285/40 ZR17 B/W (Rear) (Reqs UJ6 Low Tire Pressure Warning)
N.C.	NB8 California/MA Emission Override (Reqs FE9 Emission)			
N.C.	NC7 Federal Emission Override (Reqs YF5/NG1 Emission)			
N.C.	LT1 ENGINE: 5.7 Liter SFI V8			TRANSMISSION
1995.00	CC2 HARDTOP: Removable (Incls Rear Window Defogger)	N.C.	MX0	4-Speed Automatic
		N.C.	MN6	6-Speed Manual
V.P.S.	U1F RADIO EQUIPMENT: Delco/Bose Music System. Electronically Tuned AM/FM Stereo Radio With Seek-Scan, Digital Clock, Stereo Cassette Tape and Compact Disc Player (Reqs 1SDX)	325.00	UJ6	WARNING: Low Tire Pressure
	SEATS:			
305.00	AG1 Power Seat, Six-Way (Driver) (Incl With 1SDX)			
305.00	AG2 Power Seat, Six-Way (Passenger) (Reqs AG1 Power Seat)			
N.C.	AR9 Leather Seating Surface Bucket			
625.00	AQ9 Adjustable Sport Leather Seating Surface Bucket (Reqs AG1 and AG2 Power Seats)			

CORVETTE CONVERTIBLE

COLOR AND TRIM SELECTION

PLEASE NOTE: Below are the interior trim color and exterior paint combinations *recommended* by Chevrolet. However, any available interior trim color may be ordered with one of these exterior colors if that particular combination is desired by the customer.

Interior Trim Color		Black	Lt Beige	Lt Gray	Torch Red	
MODEL	SEAT TYPE	** SEAT OPT				
1YY67	Leather Bucket	AR9	193X	643X	143X	703X
	*Leather Adjustable Sport Bucket	AQ9	193X	643X	143X	703X

*Reqs AG1 and AG2 Power Seats

**Seat Option AR9 or AQ9 Must Be Specified

@CONVERTIBLE PAINT AND TOP SELECTOR

PLEASE NOTE: Below are the convertible top combinations *recommended* by Chevrolet. However, any available combination may be ordered if it is desired by the customer.

Exterior Paint Color	Color Code	Black	Lt Beige	Lt Gray	Torch Red
Aqua, Bright (Met)	43UX	41T/16T	16T/34T	41T/16T	
Black	41UX	41T/16T/34T	41T/34T	41T/16T	41T
Blue, Admiral (Met)	28UX	41T/16T/34T	41T/16T/34T	41T/16T	
Green, Polo II (Met)	45UX	41T/34T	34T		
Purple, Dk (Met)	05UX	41T/34T	41T/34T	41T/16T	
Red, Dk (Met)	75UX	41T/16T/34T	41T/16T/34T	41T/16T	
Red, Torch	70UX	41T/16T/34T	41T/16T/34T	41T/16T	41T/16T/34T
Yellow, Competition	53UX	41T/16T/34T	41T/16T/34T	41T/16T	
White, Arctic	10UX	41T/16T/34T	41T/16T/34T	41T/16T	41T/16T

@Convertible Top Option Must Be Specified in "Plus" (+) Option Section of Order Worksheet.

CONVERTIBLE TOP COLOR

WHITE 16T BLACK.....41T BEIGE..... 34T

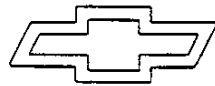
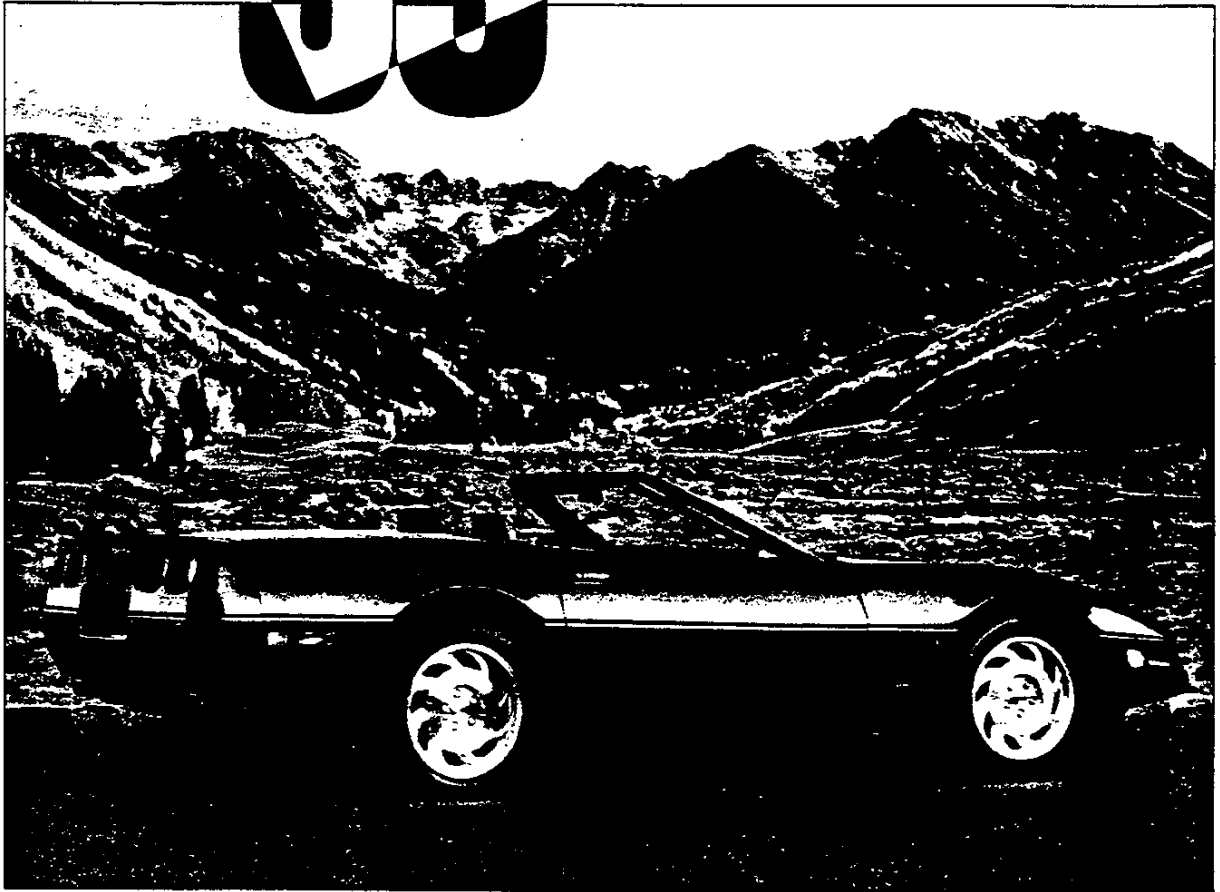
POWER TEAMS

ENGINE OPTION CONDITION		AXLE RATIO		
		2.59	3.07	3.45
LT1	MX0	Std	G92	---
	MN6	---	---	Std

NOTES

1995
Corvette

95



GENUINE CHEVROLET

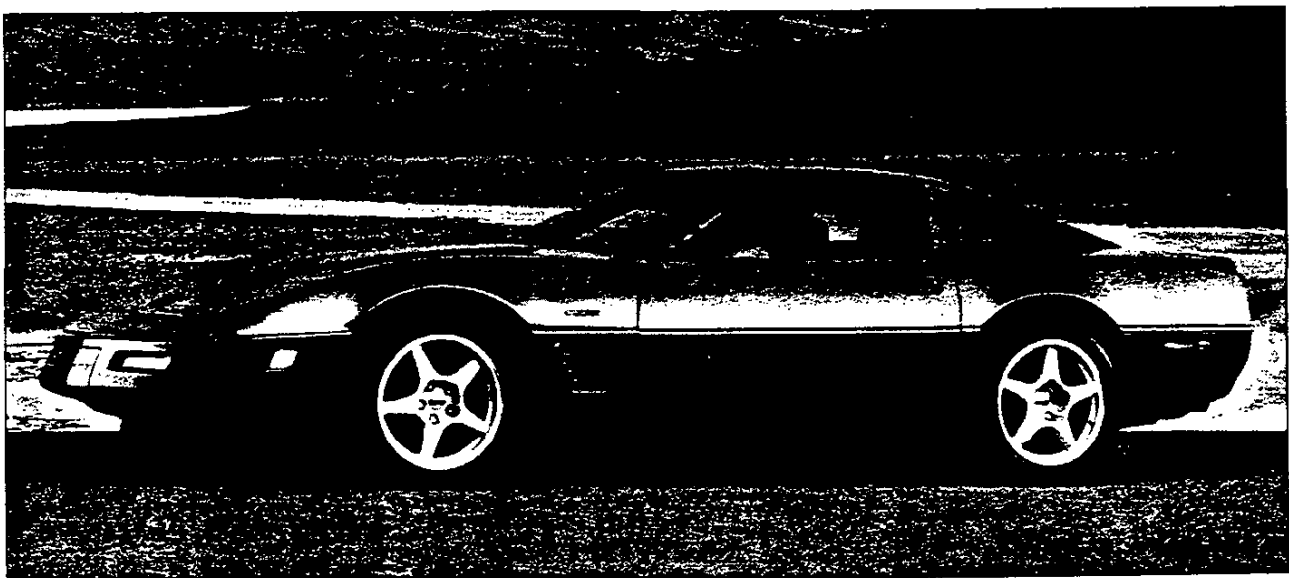
1995 Corvette

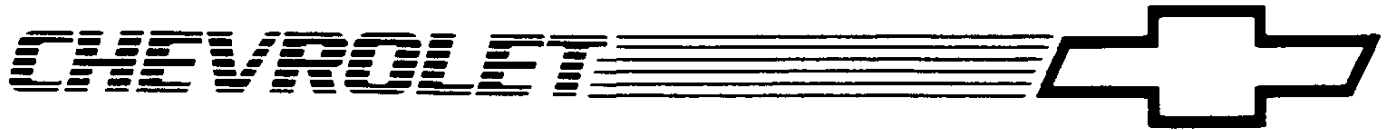


General Contents

	Page
Press Release	
1995 Corvette at a Glance	1
Product Profile	1-2
Models	1
The Marketplace	2
Buyer Demographics	2
What's New For '95	3
Major Features	3
Safety	4
Crash Avoidance Features	4
Occupant Protection Features	4
Interior	5
Features	5
Seats	5
Audio Systems	5
Comfort and Convenience	6
Features	6
Exterior	7
Features	7
Paint	7

	Page
Technology	8-13
Design and Manufacturing	8
Body Structure	8
Engines	8-9
Transmissions	10
Suspension	11
Steering	12
Brakes	12
Wheels and Tires	13
Genuine Customer Care	14
Bumper to Bumper Warranty	14
Courtesy Transportation	14
Roadside Assistance	14
Background	15
Product Milestones	15
Specification Charts	Appendix A
Photo/Slide Ordering Guide	Appendix B





FOR RELEASE: September 1, 1994

CONTACT: Chevrolet/Geo Communications

1995 CORVETTE -- AMERICA'S STAR SPANGLED SPORTS CAR

WARREN, MI -- The Corvette isn't just an automobile -- it's an American institution. More Corvettes have been built than any other single sports car in automotive history and more than half are estimated to be still on the road. The Corvette doesn't simply compete in the sports car market -- it defines it.

Corvette continues its reign as America's favorite sports car with a host of refinements in 1995. The Coupe and Convertible suspension's new low-rate springs and de Carbon gas-charged shock absorbers improve ride quality. Heavy-duty brakes with larger front rotors are now standard equipment (increased from 12" x 0.79" to 13" x 1.1"). New gill panels behind the front wheel openings identify 1995 models. One new exterior color has been added to the Corvette palette: Dark Purple Metallic.

Quality improvements abound. French seams (uplevel seats only), a smoother-shifting automatic transmission, and a quieter cooling fan system are evidence of the process of continual improvement. An automatic transmission fluid temperature readout is a new addition to the instrument panel display.

Corvette has long been a showcase for leading-edge technology. Its sophisticated standard systems include Passive Keyless Entry (PKE), PASS-Key II theft-deterrent system, and Bosch ABS/ASR anti-lock braking and traction control strategy. Selective Ride Control and a low tire pressure warning system are available on Corvette Coupe and Convertible, standard on ZR-1.

-- MORE --

Corvette has a lengthy list of standard equipment, including a 300-hp 5.7 Liter SFI V8, dual air bags, 4-wheel independent suspension, 4-wheel anti-lock disc brakes, power windows and door locks, dual electric heated outside rearview mirrors, cruise control, rear-window defogger, 17-inch aluminum wheels and high-performance Goodyear Eagle GS-C tires. A ZF 6-speed manual transmission that incorporates a computer-aided gear selection system is standard on the ZR-1 and a no-cost option on LT1-powered Corvettes.

1995 is the final year of production for the awesome 405-hp ZR-1 Corvette -- the ultimate performance option. Only 448 ZR-1s are scheduled to be built. When they're gone, that's it.

The milestone one-millionth Corvette rolled off the assembly line in Bowling Green, Kentucky in July, 1992. With improvements in comfort, performance and safety, Corvette is quickly accelerating toward its second million.

###

1995 Corvette At a Glance

WHAT:

The 1995 Corvette is a high-performance, high-technology, high-aspiration sports car with a heritage that spans five decades. The two-passenger Corvette is available in Coupe, Convertible, and ZR-1 models.

WHEN:

1995 Corvette product launch schedule:

- September 1, 1994: Release date for advance press information
- September 29, 1994: 1995 Corvette Announcement Date.

WHERE:

The 1995 Corvette is manufactured at a General Motors assembly plant in Bowling Green, Kentucky.

WHY:

The 1995 Corvette is a showcase for leading-edge technology. The "Corvette mystique" enhances the Chevrolet image with a high-profile entry in the high-sport segment. The rich Corvette heritage contributes to the Chevrolet reputation — delivering more-than-expected performance.

HOW:

Corvette has the sophisticated technology that makes driving a rewarding, exciting experience for the true enthusiast. Its unmistakable appearance and advanced design put it in its own class by its own.

A commitment to continuous improvement is paying dividends in quality, reliability, and durability. Corvette benefits from heavy-duty brakes (now standard on all models), a smoother-shifting automatic transmission, a quieter cooling fan system, and interior refinements. New gill panels identify 1995 models.

Product Profile



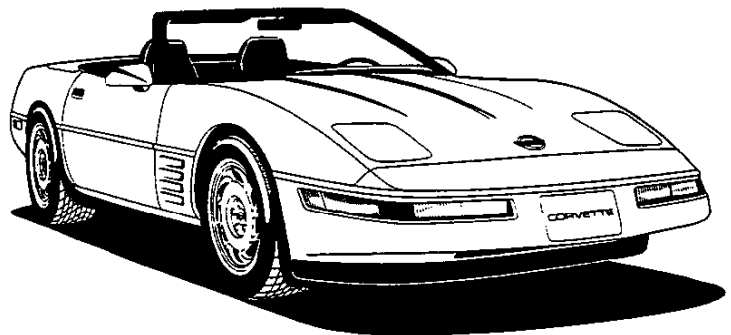
The 1995
Corvette line
includes three
models:

- Corvette Coupe: Two-door coupe

Models

- Corvette Convertible: Two-door convertible
- Corvette ZR-1 Coupe: Uplevel, performance two-door coupe.

**The 1995
Corvette
is a high-
performance,
high-
technology,
high-aspiration
sports car
with a
heritage that
spans five
decades.**



Product Profile

The Marketplace

Corvette competes in the high-sport segment, which represents approximately one percent of the passenger car industry (approximately 80,000 retail units).

Growth in the high-sport segment has been moderate to flat. However, an improving economy is expected to spur growth in this segment.

Although numerous vehicles compete in this segment, including several exotics, four nameplates represent approximately 80 percent of the share. Corvette has consistently been a top-seller in this segment, capturing over 20 percent of the market since 1991. In 1993, it accounted for 27.7 percent of the high-sport segment.

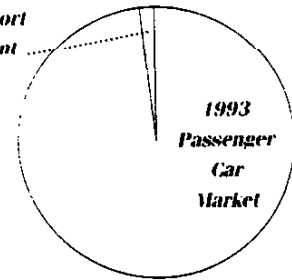
Corvette Coupe's chief competitors in the high-sport segment include:

- Dodge Stealth R/T
- Nissan 300ZX
- Mitsubishi 3000GT
- Mazda RX-7 Turbo
- Porsche 968
- Toyota Supra
- Acura NSX

Corvette Convertible's primary competition includes:

- Mercedes-Benz 560SL
- BMW 325i
- Porsche 968
- Nissan 300ZX

High-Sport Segment (1%)



Buyer Demographics

Corvette:



Median age is 43 years



Median income of \$90,000 annually



Predominantly male, with managerial, executive and semi-professional occupations.

What's New For '95



Exterior Features

- Gill panels
- Exterior color: Dark Purple Metallic

Performance Features

- Standard heavy-duty brakes
- Automatic transmission enhancements
- Automatic transmission fluid temperature display on instrument panel
- Lower spring rates (base suspension on Coupes)
- de Carbon shock absorbers
- Spare tire delete option (with Extended Mobility Tires: interim availability).

Interior Features

- French seams on sport seats
- Color-keyed seat-back lever and bezel

Major Features

	Corvette Convertible	Corvette Coupe	Corvette ZR-1
5.7 Liter SFI V8	S	S	-
5.7 Liter DOHC V8	-	-	S
4-Speed Automatic Transmission	S ¹	S ¹	-
6-Speed Manual Transmission	S ¹	S ¹	S
Distributorless Opti-Spark Ignition System	S	S	S
P255/45ZR-17 (Front) P285/40ZR-17 (Rear) Performance Tires	S	S	-
P275/40ZR-17 (Front) P315/35ZR-17 (Rear) Performance Tires	-	-	S
Driver- and Passenger-Side Air Bags	S	S	S
4-Wheel Anti-Lock Brakes	S	S	S
Acceleration Slip Regulation (Traction Control)	S	S	S
Independent Front/Rear Suspension with Transverse Fiberglass Leaf Springs and Forged Aluminum A-Arms	S	S	S
de Carbon Shock Absorbers	S	S	S
Extended Mobility Tires	O	O	-
Base-Coat/Clear-Coat Paint	S	S	S
Spare Tire Delete	O ²	O ²	O ²
Air Conditioning with CFC-Free Refrigerant	S	S	S
Electronic Air Conditioning with CFC-Free Refrigerant	O	O	S
Brake/Transmission Shift Interlock	S ²	S ²	S ²
Passive Keyless Entry	S	S	S
PASS-Key II Theft-Deterrent System	S	S	S
Scotchgard™ Fabric Protector on Carpets	S	S	S
Power Windows with Driver's Express-Down Feature	S	S	S
Power Door Locks	S	S	S
Low-Oil-Level Indicator	S	S	S
Electric In-Tank Fuel Pump	S	S	-
Electric In-Tank Fuel Pumps (2)	-	-	S
Power Seats	O	O	S
Adjustable Sport Bucket Seats with Leather Seating Surfaces	O	O	S
Electronic Selective Ride and Handling Package	O	O	S
Delco/Bose Music Systems	O	O	S
Wheels: 17" x 8.5" Aluminum (Front)	S	S	-
17" x 9.5" Aluminum (Rear)	S	S	-
Wheels: 17" x 9.5" Aluminum (Front)	-	-	S
17" x 11" Aluminum (Rear)	-	-	S

S — Standard. O — Optional. 1 — Must order one transmission. 2 — Automatic transmission only. 3 — Interim availability (with Extended Mobility Tires).

Crash Avoidance Features



General Motors is a world leader in automotive safety research,

development and testing. All GM vehicles, including the 1995 Chevrolet Corvette, benefit from GM's expertise.

The 1995 Corvette has a "total safety package." This approach to safety emphasizes crash avoidance and minimizes the consequences of unavoidable collisions.

Crash Avoidance Features

- A sophisticated chassis and suspension system provides predictable, responsive handling
- Standard anti-lock brake system is designed to help prevent wheel lockup in hard braking situations and under hazardous driving conditions, helping the driver maintain steering control

- Ventilated four-wheel disc brakes improve brake cooling
- Side-marker lamps and parking lamps that illuminate with the headlamps
- Four-way hazard warning flashers and center high-mounted stop lamp alert other drivers
- A brake/transmission shift interlock (automatic transmission) prevents vehicles from being shifted out of Park without first depressing the brake pedal
- Starter interlock switch (manual transmission) prevents the starter from engaging unless the clutch is depressed
- Standard front and rear stabilizer bars reduce body roll while cornering and enhance stability in crash avoidance situations
- Multiple-vent front defroster and side-window and rear-window defoggers help keep windows clear for good visibility
- Backup lamps
- Brake systems with dual master cylinder plus warning light
- Directional signal control
- Illuminated heater and defroster controls
- Outside rearview mirrors
- Tires with built-in tread-wear indicators
- Windshield defrosters, washer and multi-speed wipers.

Occupant Protection Features

- Standard driver- and passenger-side air bags designed for use with safety belts restrain front passengers in the event of a moderate to severe frontal impact
- A reinforced safety cage helps protect the passenger compartment with strong structural components
- Front and rear crush zones are designed to absorb energy in a crash by deforming in a controlled manner
- Laminated windshield safety glass and tempered side and rear safety glass helps reduce occupant injuries
- Energy-absorbing steering column can help reduce crash forces on the driver's torso
- Break-away inside rearview mirrors
- Energy-absorbing instrument panel
- Front head restraints
- Manual lap/shoulder outboard safety belts

Features



A cockpit-style interior on the Corvette puts the driver in

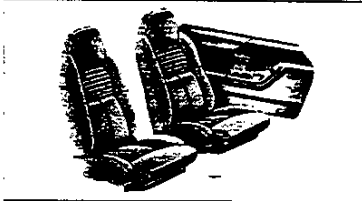
control with an analog/digital instrument panel with LCD, a leather-wrapped two-spoke Sport steering wheel, and a supportive bucket seat with standard leather seating surfaces.

NEW! Interior refinements for 1995 include:

- Automatic transmission fluid temperature display on instrument panel

- Reinforced seat stitching on uplevel seats
- Instrument panel radio braces
- New inboard safety belt buckles

Seats



- Standard reclining bucket seats with leather seating surfaces, lateral support, and back angle adjustments



- Optional Sport bucket seats with leather seating surfaces and six-way power adjusters (standard on ZR-1).

Interior Colors

- Black
- Light Beige
- Light Gray
- Torch Red.

Audio Systems

- Standard electronically tuned AM/FM stereo with seek-scan, digital clock, cassette tape player, extended range speakers, and power antenna

- Optional Delco/Bose music system with electronically tuned AM/FM stereo with seek-scan, digital clock, cassette tape player, compact disc player, and power antenna

- Optional Delco/Bose music system with electronically tuned AM/FM stereo with seek-scan, digital clock, cassette tape player, CD player and power antenna.

A cockpit-style interior on the Corvette puts the driver in control.

Comfort and Convenience



- Door panels have integral storage compartments in the armrests
- White instrument panel graphics turn to a tangerine at night
- The tire jack is mounted in an interior storage compartment behind the passenger seat
- When the ignition key is turned off, a delay feature supplies power to the entertainment system and power windows for 15 minutes or until a door is opened (whichever occurs first)
- Sun visors have dual illuminated mirrors
- Floor covering is treated with Scotchgard™ Fabric Protector to resist stains, making cleanups quick and easy
- Standard air conditioning uses CFC-free R-134a refrigerant
- Console has coin tray, cassette tape and CD storage, and integral armrest
- Standard Tilt-Wheel™ Adjustable Steering Column adjusts to a comfortable position for a wide range of drivers

Features

- Headlamps-on reminder alerts driver to turn off headlamps when exiting vehicle
- Standard low-oil-level sensor alerts driver to check oil when level is only one or two quarts low, instead of when engine damage is imminent as with some low-oil pressure warning systems
- Standard dual electrically adjustable, heated rearview mirrors improve visibility.

Passive Keyless Entry

Corvette is equipped with a standard Passive Keyless Entry (PKE) system. Unlike other keyless entry systems that require the driver to push a button on a key-fob transmitter, when preset the Corvette PKE requires no specific action — the system automatically unlocks the driver's door (or both doors, depending on the setting) and turns on the interior light when the driver approaches the vehicle with the PKE transmitter. The system automatically locks both doors when the driver walks a few feet away.

- PKE automatically arms and disarms the standard universal theft-deterrent system
- Active features of the key-fob transmitter include a separate passenger-door button and a hatch release button for coupes

- The PKE system can be manually turned on and off
- A security feature prevents the doors from locking when the keys are left in the ignition.

PASS-Key II Theft-Deterrent System

Introduced on the 1986 Corvette, the PASS-Key II theft-deterrent system thwarts a thief's most common method of attack — defeating the steering column mechanism — without changing the way the vehicle is started.

- The ignition key is embedded with an electronically coded resistor pellet that must match the alloy contacts in the ignition lock
- A control module with an electronic logic board determines whether the values match and activates or deactivates the anti-theft mode
- Using an improper key causes an immediate two-to-four-minute delay before another attempt to start the vehicle with a key can be made

Exterior



Gill panels behind the front-wheel openings give 1995 models a

distinctive appearance.

- Fiberglass reinforced plastic (SMC) body panels will never rust
- The clam-shell front end assembly tilts forward to provide easy engine access
- Corvette Coupe's glass rear hatch has two interior remote releases and a roller-shade cargo cover
- A one-piece removable roof panel (Coupe only) gives the alternative of open-air driving

Features

- The convertible top has a heated glass backlight
- A convertible hardtop is available
- Standard Solar-Ray[®] tinted glass reduces interior heat build-up and helps protect interior materials from damaging UV rays
- Retractable power-operated halogen headlights combine aerodynamic styling, high-level of illumination, and easy servicing
- Three "ZR-1" emblems — one on the rear fascia and one each above the "gills" located behind the front-wheel openings
- Center High-Mounted Stop Lamp (CHMSL) located on the rear-hatch glass (CHMSL is recessed in the rear fascia on LT1)
- A 3"-wider body from the doors rearward to accommodate larger tires
- Raised-letter "Corvette" Emblem on the rear fascia ("Corvette" is recessed on rear the fascia on LT1)
- Wider front and rear tires and five-spoke wheels (see "Wheels and Tires" page 13).

ZR-1 Exterior

Five unique exterior appointments distinguish ZR-1 Corvettes from other models:

Paint



Base-coat/clear-coat paint resists fading and provides a high-

gloss shine for long-lasting exterior beauty. The clear-coat system is formulated to minimize the effects of acid rain, water-spotting, and other environmental damage. Clear-coat finish is used with all colors — solids and metallics.

Exterior Colors

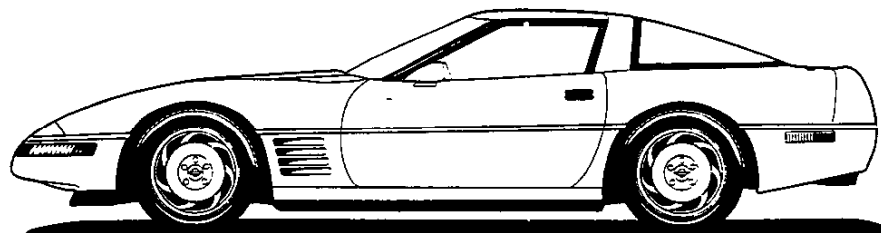
NEW! One new color is offered in 1995:

- Dark Purple Metallic.

Other colors:

- Admiral Blue Metallic
- Bright Aqua Metallic

- Dark Red Metallic
- Polo Green II Metallic
- Arctic White
- Black
- Competition Yellow
- Torch Red.



Technology



Corvette is manufactured at a General Motors

Design and Manufacturing

assembly plant in Bowling Green, Kentucky.

Body Structure

Corvette has a welded-steel uniframe with a corrosion-resistant coating. Body panels are made from fiberglass-reinforced plastic (SMC).

5.7 Liter SFI V8 Engine (LT1)



A 5.7 Liter small-block V8 (LT1) is the standard powerplant for

Corvette Coupe and Convertible.

- 300 horsepower at 5000 rpm
- 340 lb.-ft. of torque at 4000 rpm
- Cast-iron block for strength and durability
- Aluminum cylinder heads are strong and light-weight.

Introduced in the 1992 Corvette, the second-generation 5.7 Liter LT1 V8 packs impressive performance and responsiveness into an efficient package. The LT1's operating range extends hundreds of rpm beyond most overhead valve engines, giving the LT1 the low-speed punch of a traditional two-valve pushrod engine and the high-speed performance of a multi-valve overhead cam design. This "best of both worlds" character makes the LT1 a potent powerplant for the high-performance Corvette.

- The LT1 combines outstanding efficiency, emissions compliance, durability and performance

- The LT1 equals or exceeds world-class V8 engine standards for mass, size, fuel consumption, emissions and cold-start.

Numerous technical features contribute to the LT1's outstanding performance:

- Sequential-Port Fuel Injection (SFI) optimizes combustion by precisely matching fuel delivery to each cylinder's intake stroke. SFI provides a smoother idle, better driveability, and lower emissions
- A mass airflow sensor provides accurate information on the amount of air entering the engine, which the Powertrain Control Module uses to determine the fuel requirement, enhancing engine efficiency
- Composite rocker covers reduce valve train noise
- A low-restriction intake and air filtration system lets the engine breathe freely while meeting federal noise regulations
- The LT1's cylinder head porting — coupled with a weight-saving, one-piece intake manifold — improves airflow into the combustion chambers

for cleaner, more controlled burning, enhancing engine efficiency

- A reverse-flow cooling system circulates coolant through the cylinder heads before the engine block, improving heat transfer in the engine and radiator, allowing a higher compression ratio for enhanced engine power
- A gear-driven coolant pump virtually eliminates side-load stresses and ensures coolant flow even in the event of accessory belt breakage, helping to prevent engine damage due to coolant deprivation
- A remote-mounted electric air injection pump reduces hydrocarbon emissions during cold starts without the power loss and noise associated with a mechanical air pump
- An "Opti-Spark" electronic spark control system automatically adjusts spark advance to prevent detonation, enhancing engine efficiency
- Four-bolt main bearing caps strengthen the block's bottom end
- Synthetic 5W-30 Mobil 1 engine oil eliminates the need for an auxiliary engine oil cooler.

Technology

5.7 Liter DOHC V8 Engine (LT5)



The 1995 model year will be the final year of production for the ZR-1 Corvette — “the ultimate performance option.” The centerpiece of the ZR-1 model, which is only available as a Coupe, is the 5.7 Liter DOHC V8 (LT5) engine.

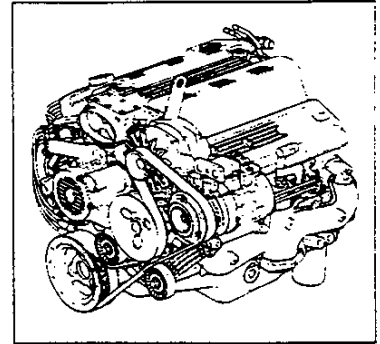
- 405 horsepower at 5800 rpm
- 385 lb.-ft. of torque at 5200 rpm
- Aluminum block for strength and durability
- Aluminum cylinder heads are strong and light weight.

Designed and developed by General Motors Group Lotus Division in Hethal, England and manufactured under contract by the Mercury Marine Power Division of Brunswick in Stillwater, Oklahoma, the LT5 made its public debut in the fall of 1989 on the 1990 Corvette ZR-1 Coupe.

A “Power Key” feature gives the driver a choice between two engine settings — “Full” or “Normal.” Selecting the “Full” mode unleashes the engine’s entire 405 horsepower capability. The “Normal” mode limits the engine output to approximately 210 horsepower by utilizing a dual mode induction system. Within each cylinder, the intake ports, valves and cam lobes are divided into two groups, the primary and secondary. Below half-throttle, or 3000 rpm, the engine breathes through the primary ports only. So operation, in effect, is on three valves per cylinder.

Technical highlights of the LT5 engine include:

- Fast-burn cloverleaf combustion chambers with centrally located, platinum-tipped spark plugs for enhanced engine efficiency
- Four valves per cylinder (32 total) for optimum induction and exhaust breathing, enhancing power and efficiency
- High-speed, dual-spring, direct-acting valve train reduces friction, increasing power and efficiency
- Dual overhead camshafts (four total) with direct lobe-to-lifter contact enhance engine efficiency
- Three-valve, high-flow throttle body optimizes the induction of fuel and air, enhancing both power and efficiency
- Tuned 16-runner inlet manifold provides optimum balance of air and fuel to the cylinders, enhancing both power and efficiency
- Secondary inlet-port-throttling for optimum high-speed performance and low-speed driving
- Direct fire ignition system with crankshaft sensor and electronic spark control enhances ignition system efficiency and reduces ignition system (tune-up) maintenance requirements
- Center-oiled, forged-steel crankshaft is strong and durable
- Thermostatically controlled oil cooler keeps oil temperature at the proper level for optimum performance
- Gerotor oil pump is high volume, enhancing engine durability and longevity
- Single-belt accessory drive with tensioner ensure proper belt alignment and tension, reducing maintenance and enhancing longevity of the belt
- Remote, Electric Air Injection Reaction (AIR) pump is quieter than belt-driven air pumps and reduces emissions
- Two-piece catalytic converter and exhaust runner assembly reduce emissions without restricting performance.



1995 will be the final year of production for the ZR-1 Corvette — “the ultimate performance option.”

Technology



A Hydraulic 4L60-E 4-speed automatic overdrive

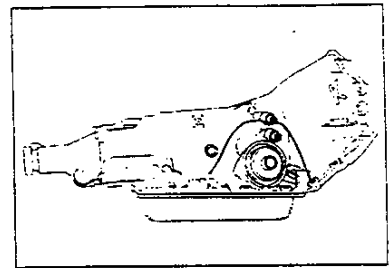
transmission is standard equipment on LT1-equipped Corvette Coupes and Convertibles. The 4L60-E's "intelligent" electronic controls allow the transmission to match the engine's performance.

The 4L60-E's wide range of gear ratios enhances both performance and economy. The 3.06:1 first gear ratio provides high torque multiplication for initial acceleration. The overdrive 0.70:1 fourth gear reduces engine rpm at cruising speed, thereby increasing fuel economy and reducing wear.

The 4L60-E provides the precision and flexibility of electronic controls. Shift points and shift smoothness are controlled by four solenoids that are connected to the Powertrain Control Module (PCM).

4-Speed Electronic Automatic Transmission

- The PCM acts as an interface between the engine and transmission to provide the feel of a virtually "seamless" powertrain
- The PCM monitors engine and transmission performance several times a second to ensure smooth gear changes and proper shift points
- The 4L60-E also senses and adapts to changes in altitude, barometric pressure, and engine load
- **NEW!** The torque converter clutch controls have been refined, resulting in nearly imperceptible clutch application and release
- **NEW!** A new 298mm torque converter clutch assembly is lighter and uses fewer parts than its predecessor, and has a higher torque capacity
- **NEW!** Improved 2-4 band and 3-4 clutch friction material enhances shift feel



- **NEW!** Dexron III automatic transmission fluid never needs replacement under normal operating conditions.

A brake/transmission shift interlock is standard on all automatic-equipped models. The interlock requires the driver to apply the brakes to shift from "Park."

The standard rear axle ratio with the automatic transmission is 2.59:1. An optional 3.07:1 performance axle ratio is available (required with Z07 performance handling package).

6-Speed Manual Transmission

A ZF 6-speed manual transmission is standard on ZR-1 models and a no-cost option on LT1-equipped coupes and convertibles. Introduced in 1989, the 6-speed gearbox was designed specifically for the Corvette by Zahradfabrik Friedshafen A.G. (ZF), a German transmission manufacturer known worldwide for its transmission expertise. The 6-speed became an unrestricted option on both the Corvette Coupe and Convertible in the 1990 model year.

The 6-speed's 2.68:1 ratio in first gear provides high torque multiplication for quick initial acceleration: two overdrive gears (0.75:1 fifth and 0.50:1 sixth) produce quiet, economical highway cruising. All 6-speed-equipped Corvettes have a 3.45:1 rear axle ratio.

The 6-speed incorporates a Computer-Aided Gear Selection (CAGS) system. The CAGS system is designed to improve fuel economy during normal driving situations by directing the driver from first gear to

fourth gear under light acceleration from a dead stop. Rapid acceleration automatically cancels the one-to-four shift.

Technology

All Corvette models have four-wheel independent front and rear suspension, providing outstanding handling characteristics. The front suspension features forged-aluminum Short/Long Arm (SLA) control arms, forged-aluminum steering knuckles, a glass-epoxy transverse monoleaf spring, and a steel stabilizer bar.

The rear suspension is a five-link design with forged-aluminum control arms, knuckles and struts. A transverse glass-epoxy monoleaf spring, steel tie rods, a steel stabilizer bar, and tubular U-joint driveshafts complete the assembly. Toe and camber are fully adjustable.

NEW! The spring rates on Corvette Coupes with base suspension (FE1) have been lowered to improve ride quality.

Three suspension levels are available:

Standard (FE1)

- New low-rate springs (Coupe)
- New de Carbon shock absorbers.

Selective Ride and Handling (RPO FX3)

- Driver-adjustable handling package provides comfort and control
- Speed-compensated Bilstein selective ride control system
- Low-rate springs for improved ride
- Standard on ZR-1
- Optional on LT1 Coupe and Convertible
- Available with manual or automatic transmission.

Three ranges are also available:

- Tour for a softer ride
- Sport for increased stiffness

Suspension

- Performance for maximum stiffness

Performance Handling Package (RPO Z07)

- Driver-adjustable performance handling suspension option for showroom stock, autocross, and gymkhana competition
- Bilstein adjustable ride control system
- Stiffer springs
- 30-mm front stabilizer bar
- 24-mm rear stabilizer bar
- Higher rate bushings
- 17"x9.5" front wheels
- P275/40ZR-17 tires
- Heavy-duty power steering cooler
- Requires adjustable power Sport seats
- Requires 3.07:1 performance axle ratio (with automatic transmission)
- Available on LT1 Coupe only.

de Carbon Shock Absorbers

NEW! de Carbon high-pressure gas monotube shock absorbers are standard on Corvette Coupe and Convertible with the standard (FE1) suspension.

In addition to improving heat dissipation and fade resistance, the de Carbon shock's single-tube construction provides an increased working area for a given outside diameter.

- Permanent pressurization eliminates cavitation, which leads to fade
- Separation of the oil and gas prevents aeration, which leads to fade

- Unique monodisc valve design allows for precise valve settings and near-instantaneous reaction times improving ride and handling.

Selective Ride Control

Selective Ride Control (SRC) is optional on LT1 Coupes and Convertibles and standard on ZR-1 models. The system gives the driver a choice of three suspension settings — "Tour," "Sport" and "Perf" (performance).

Components of the SRC system include:

- Bilstein shock absorbers with built-in actuators and double-digressive shock valving (for additional low-frequency damping and ride quality)
- Electronic processor
- Cockpit-operated control switch.

The SRC high-pressure gas shock absorbers provide consistent, fade-free performance. Their large diameter pistons are capable of producing high damping forces. Rotating the shocks' damping rods adjusts the damping characteristics by varying the oil flow through the bypass orifice. This action produces different damping rates and different ride qualities.

- An electrically powered actuator assembly is mounted at the top of each shock absorber
- The actuators rotate the shock absorber damping rods in response to electrical signals from the system processor
- The processor "reads" the vehicle speed as well as the switch setting and adjusts the position of the damper actuators accordingly — reacting about every tenth of a second
- The processor adjusts the dampers during both the compression and rebound stages; some other systems adjust only during rebound.

Technology

Steering

Standard power rack-and-pinion steering (15.6:1 ratio) enhances handling and responsiveness, providing precise control under demanding driving conditions.



Brakes



Heavy-duty four-wheel power disc brakes with new, larger

front rotors are standard on all LT1 Corvette models. The front disc size has been increased from 12"x.79" to 13"x1.1" on Corvette Coupe and Convertible.

Acceleration Slip Regulation (ASR)

Introduced as standard equipment in 1992, the Corvette Acceleration Slip Regulation (ASR) is a sophisticated traction control strategy that works with the anti-lock brake system (ABS) to provide improved acceleration and

enhanced vehicle stability. Created by Bosch and developed in cooperation with Corvette engineers, the system makes Corvette a year-round performer.

Highlights of the ASR system:

- The ASR electronic control unit monitors several key inputs, including drive wheel speeds, vehicle reference speed, the speed difference of the non-driven wheels, the front-to-rear wheel speeds on the same side of the car, vehicle acceleration, and throttle position
- ASR functionally integrates three subsystems — engine spark retard, throttle close-down, and brake intervention
- The system is calibrated to allow some wheel slip during acceleration if it is deemed beneficial for the driving conditions
- Engine torque control is used to reduce drive torque. When activated, the system reduces airflow to the engine by closing the throttle. A throttle-cable relaxer communicates to the driver by pushing back on the accelerator pedal
- Engine spark retard is also used to reduce engine torque, particularly when the demand is immediate and of short duration (e.g., encountering a short, slippery section of road at cruising speed)
- ASR has individual rear brake control, making it possible to utilize the available traction on a split coefficient (i.e., one rear wheel on slick pavement; one rear wheel on dry pavement) road surface
- ASR is automatically engaged when the vehicle is turned on, but can be turned off manually when additional wheel slip is desired, such as when the car is mired in snow or mud
- ASR does not require routine maintenance.

Introduced as standard equipment in 1992, the Corvette Acceleration Slip Regulation (ASR) is a sophisticated traction control strategy that works with the anti-lock brake system (ABS) to provide improved acceleration and enhanced vehicle stability.

Wheels and Tires

Corvette Coupe and Convertible:



- Standard 17"x8.5" (front), 17"x9.5" (rear) aluminum wheels
- Optional 17"x9.5" front aluminum wheels (with Z07 Performance Handling Package)
- Standard P255/45ZR-17 (front), P285/40ZR-17 (rear) Goodyear Eagle GS-C tires
- Optional P275/40ZR-17 Goodyear Eagle GS-C tires (with Z07 Performance Handling Package)
- Optional P255/45ZR-17 (front), P285/40ZR-17 (rear) Extended Mobility Tires (EMT) — require Low-Pressure-Tire Warning option; not available with Z07 Performance Handling Package.

Corvette ZR-1:



- Standard 17"x9.5" (front), 17"x11" (rear) 5-spoke aluminum wheels
- Standard P275/40ZR-17 (front), P315/35ZR-17 (rear) Goodyear Eagle GS-C tires

Goodyear GS-C Tires

Introduced as a Corvette exclusive in 1992, the Goodyear Eagle GS-C tire has a steel-belted, polyester cord body with a unique spiral overlay.

This design reduces heat buildup at high speeds and improves ride quality without inhibiting high-speed handling. The tread pattern is directional and asymmetrical.

- The directional groove design disperses water effectively
- The asymmetrical tread pattern increases the contact area on the outer portion of the tread and reduces road noise.

Extended Mobility Tires (EMT)

Introduced on Corvette in 1994, optional Goodyear Eagle GS-C Extended Mobility Tires (EMT) were the first run-flat tires to be fitted on conventional wheels. EMT virtually eliminates the inconvenience of a flat tire.

- Reinforced sidewalls and special materials enable EMT tires to withstand the stress of running without air pressure

- The ride, handling, and lateral stability of an EMT tire is so impressive without air that a driver may not perceive the loss of air pressure

- A low-tire pressure warning system alerts the driver to a loss of air pressure
- The spare tire can be deleted on models equipped with EMT tires (interim availability).

Low Tire Pressure Warning System

The low-tire-pressure warning system (optional on Corvette Coupe and Convertible and standard on ZR-1) monitors air pressure in each tire continuously while the vehicle is being driven.

- Wheel modules are installed inside each tire
- When tire pressure drops below 25 psi, the module transmits a signal to a radio receiver in the instrument panel
- The receiver illuminates a telltale on the instrument panel to alert the driver to check tire pressure
- This feature enhances safety and fuel economy.

Customer Care Package

Chevrolet owners are covered by **Genuine Customer Care**, a comprehensive owner-protection plan that includes the following:



The GM 3-year/36,000-mile (which ever comes first) limited warranty covers repairs for all 1995 Chevrolet cars and trucks, including labor and parts, to correct any defects in material or workmanship occurring during the warranty period. Warranty features include air conditioning repair, towing, no-cost warranty transfer, 6-year/100,000-mile (whichever comes

first) sheet-metal rust-through protection and 5-year/50,000-mile (whichever comes first) emissions control system coverage. Items not covered by the warranty include tires (which are covered by the manufacturer) and normal maintenance.



Courtesy Transportation. Customers who purchase or lease a Chevrolet car or truck will be able to take advantage of Courtesy Transportation at no additional charge when their vehicles are left at a participating dealership for repairs covered under the 3-year/36,000-mile New Vehicle Limited Warranty.



24-Hour Roadside Assistance.

For as long as a person owns a Chevrolet car or truck the security and convenience of round-the-clock Roadside Assistance is available via a toll-free hot line (1-800-CHEV-USA). Calls are answered by a Roadside Assistance phone advisor trained by Chevrolet who puts the callers in contact with a nearby service center. offers assistance with towing or arranges other helpful services.

Background

Product Milestones (by model year)

Introduced 1953

- 1957 — Factory-installed fuel injection
- 1963 — Split-window Coupe debuts
- 1965 — Disc brakes introduced
- 1968 — Major restyling with removable roof panels and pop-up headlamps
- 1970 — LT1 engine option available
- 1971 — First optional ZR-1 package available
- 1975 — Convertible dropped from lineup; catalytic converter added
- 1978 — Fastback body style introduced. 25th Anniversary Edition
- 1982 — First hatchback debuts: Crossfire Injection System introduced
- 1984 — All-new coupe introduced
- 1985 — 5.7 Liter V8 engine with Tuned-Port Fuel Injection debuts
- 1986 — Convertible returns to lineup: ABS system and PASS-Key theft-deterrent system introduced
- 1988 — 17-inch wheels and tires added as optional equipment
- 1989 — ZF 6-speed manual transmission and Selective Ride Control added
- 1990 — New interior: driver-side air bag added; ZR-1 option introduced with 375hp V8; convertible hardtop returns
- 1991 — Convex rear fascia added to all models
- 1992 — Second-generation 300-hp 5.7-liter V8 (RPO LT1) and Bosch ABS/ASR combination ABS and traction control strategy debut; 1,000,000th Corvette produced
- 1993 — ZR-1 output increased to 405-hp; Passive Keyless Entry introduced; 40th anniversary model
- 1994 — LT1 Sequential-Port Fuel Injection, 4L60-E 4-speed automatic, brake/transmission interlock, new interior introduced, and optional Extended Mobility Tires (EMTs).

Important: A word about this document:

We have tried to make this document as comprehensive and factual as possible. We reserve the right, however, to make changes at any time, without notice, in colors, materials, equipment, specifications, models and availability. Some information may have been updated since the time of printing, June 10, 1994.

A note about air bags:

Always wear safety belts, even with air bags.

General Motors, GM, the GM Emblem, Corvette, Chevrolet and the Chevrolet Emblem are registered trademarks and Chevy is a trademark of the General Motors Corporation. Scotchgard is a trademark of the 3M Corp.



'95 CORVETTE

FEATURE VEHICLE: CORVETTE CONVERTIBLE

Feature vehicle for 1995 is the Corvette Convertible, America's premier sports car, with the added thrill of open-air motoring. Its advanced design and leading-edge powertrain technology put this American legend in a class by itself. Corvette Convertible offers many unique features, such as:

- Heated Glass Rear Window — heated rear-glass feature is standard on Convertible model
- Full-Folding Convertible Roof — stows completely out of sight
- Removable Hardtop (optional).

FOCUS VEHICLE: CORVETTE COUPE

Ordering Recommendations:

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

Corvette Coupe with Preferred Equipment Group 1 (1SBX) includes:

- Electronic Air Conditioning with CFC-Free Refrigerant
- Delco/Bose AM/FM Stereo with Seek-Scan, Cassette Tape Player and Digital Clock
- Power Driver Seat.

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

'95 PRODUCT POSITIONING

Corvette Coupe is positioned as the sophisticated and refined sports car with performance that outclasses its competition. Corvette Convertible is positioned as the romantic top-down version of this legendary sports car. The world-class reputation of Corvette appeals to an upscale market, including status seekers who want to reward their success and buyers who want to belong to the Corvette "mystique." The car's proven technology and design, together with its unmistakable look, put Corvette in a league all its own as the true American roadster.

The limited-production Corvette ZR-1 is positioned as the ultra-high performance sports car that appeals to the collector/enthusiast.

COMPETITIVE VEHICLES

- Corvette Coupe's main competition includes:
Nissan 300 ZX
Porsche 968
Mazda RX7 Turbo
Dodge Stealth R/T
Mitsubishi 3000 GT
Toyota Supra.
- Corvette Convertible's primary competition includes:
Mercedes-Benz 560SL
BMW 325i
Porsche 968.
- Corvette ZR-1's primary competition includes:
Dodge Viper
Acura NSX.

BUYER DEMOGRAPHICS

Corvette:



Median age
of 43 years.



Median income
of \$90,000
annually.



Predominantly male, with managerial, executive and semi-professional occupations.

'95 CORVETTE

FEATURE AVAILABILITY

	Corvette Convertible	Corvette Coupe
5.7L SFI V8	S	S
4-Speed Automatic Transmission	S ¹	S ¹
6-Speed Manual Transmission	S ¹	S ¹
Distributorless Opti-Spark Ignition System	S	S
255/45ZR-17 (Front) P285/40ZR-17 (Rear) Performance Tires	S	S
Driver- and Passenger-Side Air Bags	S	S
4-Wheel Anti-Lock Brakes	S	S
Acceleration Slip Regulation	S	S
Independent Front/Rear Suspension with Transverse Fiberglass Leaf Springs and Forged Aluminum A-Arms	S	S
Five Carbon Shock Absorbers	S	S
Extended Mobility Tires	0	0
Base-Coat/Clear-Coat Paint	S	S
Spare Tire Delete	0 ³	0 ³
Air Conditioning with CFC-Free Refrigerant	S	S
Electronic Air Conditioning with CFC-Free Refrigerant	0	0
Brake/Transmission Shift Interlock	S ²	S ²
Passive Keyless Entry	S	S
PASS-Key II Theft-Deterrent System	S	S
Scotchgard™ Fabric Protector on Carpets	S	S
Power Windows with Driver's Express-Down Feature	S	S
Power Door Locks	S	S
Low-Tire-Pressure Warning System	0	0
Low-Oil-Level Indicator	S	S
Power Seats	0	0
Adjustable Sport Bucket Seats with Leather Seating Surfaces	0	0
Electronic Selective Ride and Handling Package	0	0
Delco/Bose Music Systems (Two)	0	0

S—Standard. 0—Optional. 1—Must order one transmission. 2—Automatic transmission only. 3—Interim availability.

DELETIONS/ RATIONALE

- Black Rose Metallic and Copper Metallic have been deleted. Dark Purple Metallic has been added for '95.

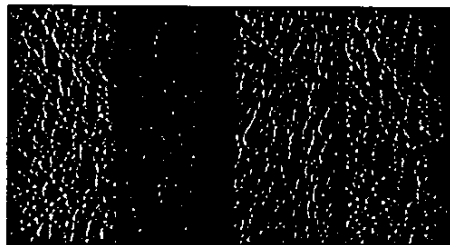
ADDITIONAL INFORMATION ON SIGNIFICANT FEATURES

- The 5.7 Liter LT1 V8 engine with SFI puts the Corvette among the sports car leaders of the world. This engine produces 300 hp at 5000 rpm and 340 lb.-ft. of torque at 4000 rpm.
- The 6-speed manual transmission was made to order for the LT1 engine. It was specifically designed to provide the best gearing available for the Corvette powerhouse. This manual transmission is fully synchronized. Six gear ratios allow the driver to select the best gear to keep the engine at the peak of its torque curve.
- The four-speed automatic transmission with electronic controls delivers world-class shift feel and exact compatibility with the torque curve of the Corvette V8.
- Corvette has a PASS-Key II Theft-Deterrent System, a completely passive system that requires no activation or deactivation before leaving the vehicle. The system consists of a small, resistance-coded pellet located in the ignition key and a resistor measurement circuit in the steering column. If a key is inserted that doesn't have the correct resistance value, the fuel system and starter are temporarily disabled.
- Heavy-duty, four-wheel disc brakes are standard on all Corvette models, helping ensure Corvette stops as well as it goes.
- Spare tire delete option available.

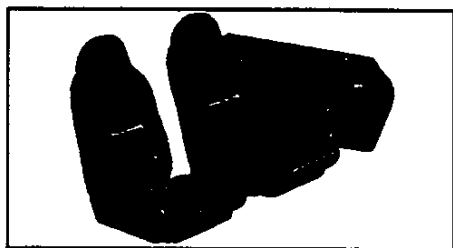
Chevrolet, the Chevrolet Emblem, Corvette, the Corvette Emblem and ZR-1 are registered trademarks and Chevy is a trademark of the General Motors Corporation. PASS-Key II is a registered trademark of Delco Electronics Corp. Scotchgard is a trademark of the 3M Corp. © 1994 General Motors Corporation. All rights reserved.

'95 CORVETTE

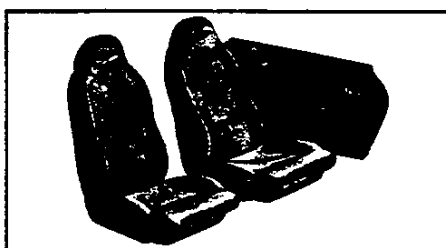
TRIM COLOR/SEAT STYLE AVAILABILITY



Leather seating surfaces available in Light Beige, Black, Light Gray and Torch Red.

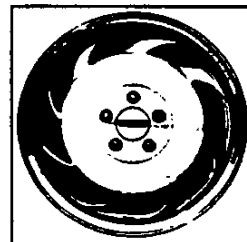


Reclining bucket seats.

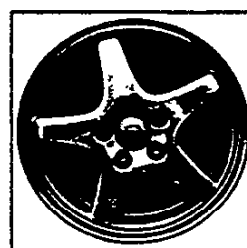


Adjustable Sport bucket seats.

WHEELS



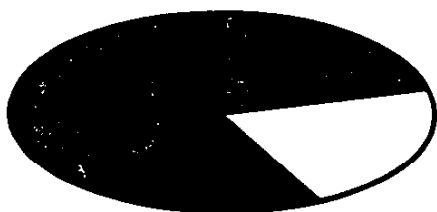
Corvette standard 17" cast-aluminum wheel.



Corvette ZR-1 standard 17" cast-aluminum wheel.

MOST POPULAR EXTERIOR COLORS BY PERCENTAGE

Below are the anticipated four most popular Corvette colors for 1995, 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).



Torch Red	20%
Arctic White	18%
Black	15%
Dark Purple Metallic	10%
Other colors	37%

MOST POPULAR EXTERIOR COLORS WITH CORRESPONDING INTERIOR COLOR AVAILABILITY

Exterior Colors	Interior Material Colors			
	Light Beige	Black	Light Gray	Torch Red
Torch Red	●	●	●	●
Arctic White	●	●	●	●
Black	●	●	●	●
Dark Purple Metallic	●	●	●	

'95 CORVETTE



Safety & security

- **Driver- and Passenger-Side Air Bags** — help to reduce the chance of injury in certain moderate to severe frontal collisions. Always wear safety belts, even with air bags.
- **Four-Wheel Anti-Lock Brakes** — designed to help reduce wheel lockup and to maintain steering control during severe braking, even on slippery surfaces.
- **4-Wheel Disc Brakes are Standard on All Models** — for impressive stopping capability.
- **Acceleration Slip Regulation (ASR)** — computerized traction control system helps to provide optimized acceleration and vehicle directional stability, even on low-traction surfaces.
- **Brake/Transmission Shift Interlock** — prevents transmission from being shifted out of Park without first applying foot brake (automatic transmission only).
- **PASS-Key II Theft-Deterrent System** — a small, resistance-coded pellet in the ignition key must match a measurement circuit in the steering column to enable the engine to start.



Performance

- **5.7 Liter LT1 V8 Sequential-Port Fuel-Injected Engine** — features include aluminum heads and intake manifold, composite valve rocker covers and roller valve lifters. These are combined into a reliable, high-performance package. Horsepower is 300 at 5000 rpm, one of the highest.
- **Opti-Spark Ignition System** — provides one of the highest precision spark control and delivery systems available.
- **5.7 Liter LT5 V8** — the limited-production Corvette ZR-1 Coupe features its own 32-valve, four-cam, all-aluminum V8. Horsepower of this ultra-high-performance V8 is 405 at 5800 rpm.
- **Suspension, Independent Front and Rear with Transverse Fiberglass Leaf Springs and Forged Aluminum A-Arms** — a lightweight state-of-the-art system providing excellent handling during hard and normal driving.
- **de Carbon Shock Absorbers** — designed to provide exceptional suspension control.
- **Z-Rated Tires** — specifically designed for the high-speed capability of Corvette.



Appearance

- **New Gill Panels** — in the lower front fenders provide a new look for 1995.
- **Base-Coat/Clear-Coat Paint** — resists fading and provides high-gloss shine for long-lasting beauty.
- **Two-Spoke Leather-Wrapped Steering Wheel** — provides a comfortable grip and adds a sporty interior accent.
- **New Exterior Color: Dark Purple Metallic** — an exciting new choice for '95.



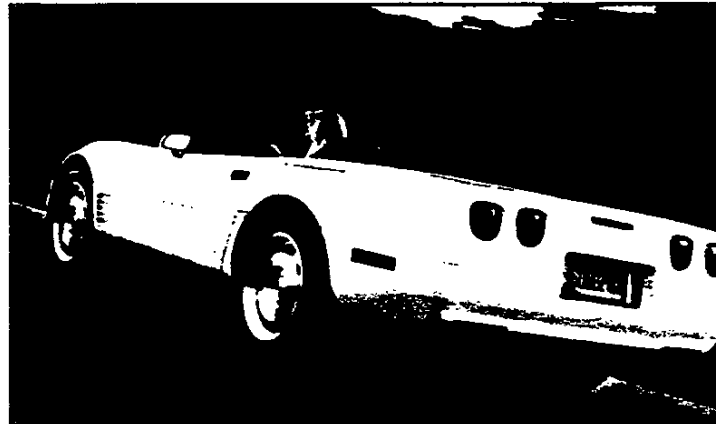
Comfort & convenience

- **Passive Keyless Entry** — transmitter key ring automatically unlocks vehicle doors as driver approaches, conveniently locks doors and unlocks hatch at the touch of a button.
- **Dual Electrically Adjustable Heated Outside Rearview Mirrors** — allow for improved rear visibility by defogging the mirrors automatically.
- **Power Windows with Driver's Express-Down Feature** — allow easy operation of all windows and one-touch operation to lower driver's window.
- **Available Extended Mobility Tires** — allow you to drive up to 50 miles with a flat tire without sustaining damage.
- **Standard Interior** — includes bucket seats with leather seating surfaces.
- **Optional Delco/Bose Radio** — includes AM/FM stereo with seek-scan, cassette tape player and digital clock.



Easy-to-own

- **Platinum-Tipped Spark Plugs** — designed to last up to 100,000 miles.
- **Low-Oil-Level Indicator** — warns driver of low-oil level to help prevent damage to engine.
- **Uni-Frame-Design Body Structure with Corrosion-Resistant Coating** — minimal flexing, performance-oriented design for the ultimate American sports car.
- **Scotchgard™ Fabric Protector** — on carpeting and floor mats: resists stains and makes cleanup easy.
- **Change-Oil Indicator** — advises driver when it is time to change oil.
- **Genuine Customer Care** — a no-deductible, 3-year/36,000-mile limited warranty, 24-hour roadside assistance via toll-free hot line, and courtesy transportation, if your vehicle ever needs warranty work (at participating dealers).



FEATURE VEHICLE

for 1995 is the Corvette Convertible (detailed on the following sheet).



FOCUS VEHICLE

for 1995 is the Corvette Coupe. This high-performance, high-tech sports car projects an image like no other, and has for over 40 years. Its LT1 small-block V8 engine, race-inspired suspension and ergonomically designed cockpit help the driver realize all the tremendous ride and handling potential Corvette offers. When equipped with the recommended PEG 1 (1SBX), this model represents the best opportunity for high-volume Corvette sales at your dealership.



- **NEW FRONT FENDER GILL PANEL**
- **NEW DARK PURPLE METALLIC PAINT**



BLUE: • New Feature

1995 CORVETTE

FRONT COMPARTMENT

COUPE/CONVERTIBLE

All linear dimensions are in millimeters (inches)	
Effective head room	927 mm (36.5 in.) / Conv. 941 mm (37.0 in.)
Max. eff. leg room (accelerator)	1068 mm (42.0 in.)
Back angle (deg.)	28.0
Hip angle (deg.)	95.5
Knee angle (deg.)	125.5
Foot angle (deg.)	87.0
Design H-point front travel	165.0 mm (6.5 in.)
Normal driving & riding seat track travel	147 mm (5.8 in.)
Shoulder room	1368 mm (53.9 in.)
Hip room	1253 mm (49.3 in.)
Upper body opening to ground*	1091 mm (42.9 in.)
Steering wheel maximum diameter	380 mm (15.0 in.)
Steering wheel angle (deg.)	18.4
Undepressed floor covering thickness	24 mm (0.9 in.)

LUGGAGE COMPARTMENT

Usable luggage capacity (cu.-ft.)	12.6 / 6.6
Liftover height*	898 mm (35.4 in.)

RESTRAINT SYSTEM

Seating Position	Left	Right
Active - First seat	3-Point Active Lap & Shoulder Belt	3-Point Active Lap & Shoulder Belt
Passive - First seat	Air Bag Standard	Air Bag Standard

*EPA loaded vehicle weight, loading conditions.

SUSPENSION - GENERAL INCLUDING ELECTRONIC CONTROLS

	Std./opt./n.a.	Optional
Shock Absorber damping controls	Manual/automatic control	Manual 3/6 Automatic Settings Within Each Manual Setting
	Number of damping rates	18
	Type of actuation	Manual Selection & Speed Control With Electric Motors
	Type	All: Monotube, Gas Charged
Shock Absorber (front & rear)	Make	Bilstein
	Piston diameter	46mm (1.81 in.)
	Rod diameter	10mm (0.393 in.)

SUSPENSION - FRONT

Type and description		
Travel	Full jounce (define load condition)	88mm (3.46 in.), Metal To Metal
	Full rebound	91.0mm (3.58 in.)
Spring	Type	Monoleaf, Filament Wound Composite
	Insulators (type & material)	Pivot; Teflon-Filled Nylon And Aluminum Enclosed In Rubber
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Leaf: 1152mm (45.4 in.) x 115mm (4.53 in.) Coil & Bar - Not Applicable
	Spring rate N/mm (lb./in.)	Cpe. 60 (343), Conv. 73.2 (418), FX3 60.0 (343), FE7 90.1 (515), ZR-1 75.4 (431)
Suspension	Rate @ wheel N/mm (lb./in.)	Cpe. 25.5 (130), Conv. 25.7 (147), FX3 22.8 (130), FE7 29.4 (168), ZR-1 26.1 (149)
Stabilizer	Type	Link
	Material & O.D. bar/tube wall thickness	Base 24mm (0.94 in.) Dia. Tube, 3.6mm (0.14 in.) wall, FE7 30mm (1.18 in.) bar, ZR-1 26mm (1.02 in.) tube, 3.6mm (0.14 in.) wall

SUSPENSION - REAR

Type and description		
Travel	Full jounce (define load condition)	86mm (3.39 in.), Metal To Metal
	Full rebound	Base & Convertible - 78.0mm (3.07 in.), ZØ7 - 71.0mm (2.8 in.)
Spring	Type (coil, leaf, other & mat.)	Monoleaf, Filamound Wound Glass - Epoxy Composite
	Size (Leaf: length & width Coil: design height & i.d.; Bar: length & diameter)	Leaf 1186mm (46.7 in.) x 89mm (3.50 in.) Coil & Bar - Not Applicable
	Spring rate N/mm (lbs./in.)	Cpe. 26.0 (149), Conv. 39.9 (228), FX3 26.0 (149), FE7 57.2 (327), ZR-1 33.0 (188)
	Rate @ wheel n/mm (lbs./in.)	Cpe. 20.2 (116), Conv. 27.1 (135), FX3 20.2 (116), FE7 35.5 (203), ZR-1 23.7 (135)
	Insulators (type & material)	Dual Rubber Polyisoprene
	If leaf	No of leaves Shackle (comp or tens)
		Monoleaf Tension
Stabilizer	Type	Link
	Material & O.D. bar/tube, wall thickness	Base & FE7 24mm (0.94 in.) Dia. Tube, 3.6mm (0.14 in.) wall, ZR-1 26mm (1.02 in.) Bar

LT5 - ENGINE - COOLING SYSTEM

Coolant recovery system		Standard
Coolant fill location		Bottle, Coolant Recovery
Radiator cap relief valve pressure kPa (psi)		103 (15)
Circulation thermostat	Type	Choke
	Starts to open @ deg's C (F)	82 (180)
Coolant Pump	Type	Centrifugal
	GPM 1000 pump rpm	12
	Number of pumps	1
	Drive (V-belt, other)	Single Belt Poly 'V' Accessory Drive (Serpentine)
	Bearing type	Sealed Double Row Ball
	Impeller material	Steel
	Housing material	Cast Aluminum
Bypass recirculation type		Internal
Cooling system capacity	With air conditioner - L (qt.)	13.94 (14.73)
	Opt. equip. specify - L (qt.)	Not Applicable
Water jacket full length of cylinder		Yes
Water all around cylinder		Yes
Water jackets open at head face		Yes
Radiator Core	Std., A/C, HD	A/C, Standard
	Type	Cross-Flow
	Construction	Fin & Tube
	Matl., mass kg (wgt., lbs.)	Aluminum Header, Tubes And Fins, Plastic Tanks, 4.5360 (10.0)
	Width	599.5mm (23.6 in.)
	Height	438mm (17.24 in.)
	Thickness	34mm (1.34 in.)
	Fins per inch	16.9 fpi
Radiator end tank material		Plastic
Fan	Std., elec., opt.	Electric, Standard - Two Required
	Number of blades & type (flex, solid, material)	5 Blades, High Efficiency Curved Blades And Ring Shroud, Plastic
	Number & location	2 Fans, Rear Of Radiator
	Diameter & projected width	299mm (11.8 in.)
	Fan cutout type	Temperature Switch
	Drive type	Direct
	RPM at idle (elec.)	2100
	Motor rating (wattage/elec.)	150W - 2200RPM
	Motor switch (type & location/elec.)	Temperature Switch Located On A/C Liquid Line
	Switch point (temp./pressure/elec.)	Pressure Transducer
	Fan shroud (material)	Plastic Ring Shroud

LT1 - ENGINE - COOLING SYSTEM

Coolant recovery system		Standard
Coolant fill location		Bottle, Coolant Recovery
Radiator cap relief valve pressure kPa (psi)		103 (15)
Circulation thermostat	Type	Choke
	Starts to open @ deg's C (F)	82 (180)
Coolant Pump	Type	Centrifugal
	GPM 1000 pump rpm	13
	Number of pumps	1
	Drive (V-belt, other)	Gear Driven
	Bearing type	Sealed Double Row Ball
	Impeller material	Steel
	Housing material	Cast Aluminum
Bypass recirculation type		Internal
Cooling system capacity	With air conditioner - L (qt.)	8.89 (9.39), Auto Trans. 9.09 (9.61), Manual Trans.
	Opt. equip. specify - L (qt.)	Not Applicable
Water jacket full length of cylinder		Yes
Water all around cylinder		Yes
Water jackets open at head face		No
Radiator Core	Std., A/C, HD	A/C, Standard
	Type	Cross-Flow
	Construction	Fin & Tube
	Matl., mass kg (wgt., lbs.)	Aluminum Header Tubes And Fins, Plastic Tanks, 4.5360 (10.0)
	Width	600mm (23.6 in.)
	Height	438mm (17.24 in.)
	Thickness	235mm (0.93 in.), Auto; 34.0mm (1.34 in.), Manual Trans.
Fins per inch	16.9 fpi	
Radiator end tank material		Plastic
Fan	Std., elec., opt.	Electric, Standard
	Number of blades & type (flex, solid, material)	5 Blades, High Efficiency Curved Blades And Ring Shroud, Plastic
	Number & location	2 Fans, Rear Of Radiator
	Diameter & projected width	299.0mm (11.8 in.)
	Fan cutout type	Temperature Switch
	Drive type	Direct
	RPM at idle (elec.)	2100
	Motor rating (wattage/elec.)	150W - 2200RPM
	Motor switch (type & location/elec.)	Temperature Switch Located On A/C Liquid Line
	Switch point (temp./pressure/elec.)	Pressure Transducer
	Fan shroud (material)	Plastic Ring Shroud

LT1 & LT5 - FUEL SYSTEM

Induction type:		Sequential Fuel Injection
Manufacturer		AC/Rochester Products
Fuel A/F mixture		Preset - No Adjustment Provided
Fuel Injection	Point of inj. Constant, pulse, flow Control (elec., mech.) Sys. press. kPa (psi)	Fuel Injectors At Inlet Ports Pulse Electronic - On Board Computer LT1: 300 (43.5), LT5: Not Applicable
Intake manifold heat control (exhaust or water thermostatic or fixed)		LT1: None; LT5: Water, Thermostat
Air cleaner type		Replaceable Paper Element
Fuel filter location		Frame Mounted
Fuel pump	Type Location (eng., tank)	LT1: Electric In Fuel Tank LT5: Electric - Dual Turbine

FUEL TANK

Capacity refill	-	75.7L (20.0 gallons)
Location		Under Rear Deck
Attachment		Rests On Rear Frame Extension, Held With Straps
Material		Super Terne Coated Steel With High Density Polyethylene Liner (*)
Filler pipe	Location & material Connection to tank	Center Of Rear Deck Bolted With Gasket On Top Of Tank
Fuel line (material)		Super Terne Coated Steel
Fuel hose (material)		Viton
Return line (material)		Super Terne Coated Steel
Vapor line (material)		Super Terne Coated Steel

* 13.600 kg. (30.0 lbs.)

1995 CORVETTE

LT1 ENGINE - VALVE SYSTEM

Hydraulic lifters	Standard	
Valves	Number intake/exhaust Head O.D. intake/exhaust	8/8 49.28mm (1.94 in.) / 38.10mm (1.50 in.)

LT1 ENGINE - CONNECTING RODS

Material	Powdered Metal
Length (axis centerline to centerline)	144.78mm (5.70 in.)

LT1 ENGINE CRANKSHAFT

Material & mass kg (weight, lbs.)*	Modular Cast Iron, 23.360 (51.50)	
End thrust taken by bearing (no.)	5	
Number of main bearings	5	
Seal	Front - Rear -	Fluroelastomer / One Piece, Lip Seal Fluroelastomer / One Piece, Lip Seal

LT1 ENGINE - LUBRICATION SYSTEM

Normal oil pressure kPa (psi) @ eng. rpm	41 (6) @ 1000	124 (18) @ 2000	165 (24) @ 4000 (Hot)
Type oil intake	Stationary		
Oil filter system	Full Flow		
Capacity of crankcase, less filter-refill	3.8L (4.0 qt.)		

LT5 ENGINE - VALVE SYSTEM

Hydraulic lifters	Standard	
Valve	Number intake/exhaust Head O.D. intake/exhaust	16/16 39mm (1.54 in.) / 35.2mm (1.39 in.)

LT5 ENGINE - CONNECTING RODS

Material & mass kg (Weight, lbs.)*	Steel, .875 (1.93)
Length (axis centerline to centerline)	145.8mm (5.74 in.)

LT5 ENGINE - CRANKSHAFT

Material & mass kg (weight, lbs.)	Nitrided Forged Steel, 24.94 (55)	
End thrust taken by bearing (no.)	3	
Length & number of main bearings	5	
Seal	Front - Rear -	Fluroelastomer / One Piece, Lip Seal Fluroelastomer / One Piece, Lip Seal

LT5 ENGINE - LUBRICATION SYSTEM

Normal oil pressure kPa (psi) @ eng. rpm	124.1 (18) @ 2000, Minimum		
Type of intake	Stationary		
Oil filter system	Full Flow		
Capacity of crankcase, less filter-refill	8.55L (9 qt.)		

*Finished state.

LT5 ENGINE - GENERAL

Type & description	90 deg. V Front, Longitudinal
Manufacturer	General Motors Powertrain Division/Mercury Marine
No. of cylinders	8
Bore	99 mm (3.90 in.)
Stroke	93 mm (3.66 in.)
Bore spacing (C/L to C/L)	111.8 mm (4.40 in.)
Cylinder block material & mass kg (lbs. machined)	Aluminum Alloy 25.95 (57.0)
Cylinder block deck height	229.24 mm (9.03 in.)
Cylinder block length	506.2 mm (19.93 in.)
Cylinder head material & mass kg (lbs.)	Aluminum Alloy 34.01 (75)
Cylinder liner material	Forged Aluminum Extrusion
Minimum combustion chamber total volume cu.-cm. (cu.-in.)	40cc (2.44 cu.-in.)
Cylinder no. system (front to rear)*	L. Bank 1-3-5-7 R. Bank 2-4-6-8
Firing order	1-8-4-3-6-5-7-2
Intake manifold material	Cast Aluminum
Exhaust manifold material & mass kg (lbs.)**	Stainless Steel, 14.97 (33)
Knock sensor (number & location)	1 - Right side of case
Fuel required	Unleaded
Fuel antiknock index (R + M)/2	91
Engine mounts	Quantity Material & type Added isolation
	2 Hydraulic —
Total dressed engine mass (wt.) dry	341.83 kg (753.6 lbs.)

LT5 ENGINE - PISTONS

Material & mass kg (weight, lbs.)	Cast Aluminum 6.35 (14)
-----------------------------------	-------------------------

LT5 ENGINE - CAMSHAFT

Location	In Cylinder Head Above Valves
Material & Mass kg (weight, lbs.)	Induction Hardened Cast Iron, 9.07 (20)
Drive type	Chain

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

**Finished state.

1995 CORVETTE

LT1 ENGINE - GENERAL

Type & description	90 deg. V Front, Longitudinal
Manufacturer	General Motors Powertrain Division
No. of cylinders	8
Bore	101.6 mm (4.00 in.)
Stroke	88.4 mm (3.48 in.)
Bore spacing (C/L to C/L)	111.8 mm (4.40 in.)
Cylinder block material	Cast iron
Cylinder block deck height	229.4 mm (9.025 in.)
Cylinder block length	506.2 mm (19.93 in.)
Deck clearance (minimum above or below block)	.025 Below
Cylinder head material	Aluminum
Cylinder head volume cu.-cm. (cu.-in.)	53.7 (3.28)
Head gasket thickness (compressed)	1.245 mm (.049 in.)
Minimum combustion chamber total volume cu.-cm.	75.175 Combustion chamber with piston at top dead center and all components in place torqued to specifications
Cylinder no. system (front to rear)*	L Bank 1-3-5-7 R. Bank 2-4-6-8
Firing order	1-8-4-3-6-5-7-2
Intake manifold material	Cast Aluminum
Exhaust manifold material	Cast Iron
Knock sensor (number & location)	2 - One Each Side Of Cylinder Case
Fuel required	Unleaded
Fuel antiknock index (R + M)/2	87
Engine mounts	Quantity Material & type Added isolation
	2 Hydraulic Damper 1 Crossmember
Total dressed engine mass (wt.) dry	261.44 kg (576.4 lbs.), Auto.; 288.31 kg (635.6 lbs.), Manual

LT1 ENGINE - PISTONS

Material	Cast Aluminum (Impacted) Coated
----------	---------------------------------

LT1 ENGINE - CAMSHAFT

Location	In Cylinder Block "V" Above Crankshaft
Material	Steel
Drive type	Chain

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

CORVETTE SPECIFICATIONS

ENGINE SPECIFICATIONS

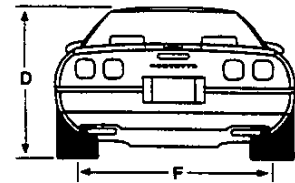
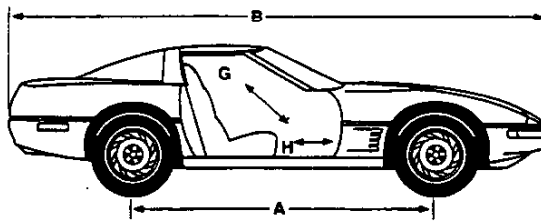
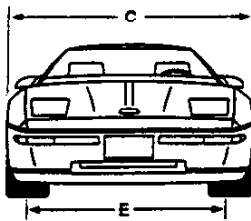
Description	5.7L V8 with SFI (RPO LT1)	5.7L V8 with SFI (RPO LT5)
Engine type	90° V8 OHV	90° V8 DOHC 32-Valve
Displacement (cu.-in.)	350	350
Bore and stroke (in.)	4.00 x 3.48	3.90 x 3.66
HP @ RPM	300 @ 5,000	405 @ 5,800
Torque @ RPM	340 @ 4,000	385 @ 5,200
Compression ratio (:1)	10.4	11.0
Fuel induction	Sequential Fuel Injection (SFI)	Sequential Fuel Injection (SFI)
Exhaust system	Aluminized stainless steel	Aluminized stainless steel
Tail pipes	Dual	Dual
Ignition system	12-volt Opti-Spark	12-volt direct fire
Delcotron generator	140 amp	140 amp
Battery (SAE capacity rating)	525 cca	690 cca
Cooling system capacity (qts.)	9.61 man./9.39 auto.	14.73

TRANSMISSION SPECIFICATIONS

Type	4-Speed Automatic (RPO MX0)	6-Speed Manual (RPO MN6)
Case Material	Aluminum	Aluminum
Gear Ratios :1		
1st gear	3.06	2.64
2nd gear	1.63	1.78
3rd gear	1.00*	1.30
4th gear	0.70*	1.00
5th gear	—	0.74
6th gear	—	0.49
Reverse	2.29	2.42
Std. Rear Axle Ratios :1		
Coupe/Convertible	2.59**	3.45
ZR-1 Coupe	—	3.45

S - Standard *Converter clutch engagement **3.07 w/G92 Performance Axle

CORVETTE SPECIFICATIONS



DIMENSIONS

Exterior Dimensions (in.)	Coupe	Convertible	ZR-1 Coupe
A Wheelbase	96.2	96.2	96.2
B Length (overall)	178.5	178.5	178.5
C Width (overall)	70.7	70.7	73.1
D Height (overall)	46.3	47.3	46.3
E Tread - front	57.7	57.7	57.7
F Tread - rear	59.1	59.1	60.6
Minimum ground clearance	4.2	3.6	4.2
Interior Dimensions (in.)			
G Head room	36.5	37.0	36.5
H Leg room	42.0	42.0	42.0
Shoulder room	53.9	53.9	53.9
Hip room	49.3	49.3	49.3
Luggage Compartment Capacity			
Luggage space (cu.-ft.)	12.6	6.6*	12.6
Rated Fuel Tank Capacity (gal.)	20.0	20.0	20.0
Curb Weight (lbs., estimated)	3203	3360	3512

*With top up; 4.2 cu. ft. with top down.

Note: Refer to ProSpec for detailed specifications.

CHASSIS SPECIFICATIONS

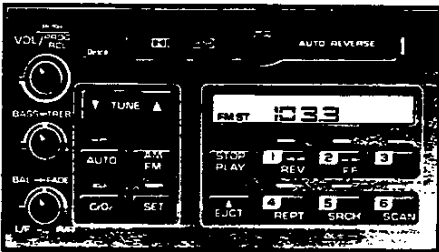
	Coupe	Convertible	ZR-1 Coupe
Brakes			
Anti-lock brake system	Bosch 4-wheel anti-lock brake system	Bosch 4-wheel anti-lock brake system	Bosch 4-wheel anti-lock brake system
Type	4-wheel vented disc	4-wheel vented disc	4-wheel vented disc
Disc rotor dia. front/rear (in.)	13.0/12.0	13.0/12.0	13.0/12.0
Steering			
Type	Power-assisted rack-and-pinion	Power-assisted rack-and-pinion	Power-assisted rack-and-pinion
Turning diameter, curb-to-curb (ft.)	40.0	40.0	40.0
Lock-to-lock turns	2.32	2.32	2.32
Suspension - Front			
Type	Independent short/long arm w/forged aluminum upper and lower control arms, transverse monoleaf spring and steel stabilizer bar	Independent short/long arm w/forged aluminum upper and lower control arms, transverse monoleaf spring and steel stabilizer bar	Independent short/long arm w/forged aluminum upper and lower control arms, transverse monoleaf spring and steel stabilizer bar
Suspension - Rear			
Type	Independent with transverse monoleaf spring and forged aluminum control arms	Independent with transverse monoleaf spring and forged aluminum control arms	Independent with transverse monoleaf spring and forged aluminum control arms

The Triumph of Technical Innovation



**AM/FM Stereo w/Cassette
Tape Player (RPO UN6)**

Standard on Corvette Coupe and Convertible. Features include: ■ Delco Electronics ETR AM/FM stereo with cassette player. ■ Electronic station seek. ■ Digital clock/frequency/operation status display. ■ DNR (Dynamic Noise Reduction) button. ■ Music search for cassette tape player. ■ 12 station presets (six AM/six FM).



AM/FM Stereo w/Cassette (RPO UN6)

**Delco/Bose Gold Series
AM/FM Stereo Music System
w/Cassette Tape Player
(RPO UU8)**

Optional on Corvette Coupe and Convertible. Features include: ■ Delco Electronics ETR radio receiver with 12 station presets (six AM/six FM). ■ Electronic station seek. ■ Digital clock/frequency/operation status display. ■ Cassette tape player with music search feature. ■ CrO₂ tape equalization. ■ DNR (Dynamic Noise Reduction). ■ Dolby Noise Reduction. ■ Dual front and dual rear Bose speakers. ■ 200 total watts of power.



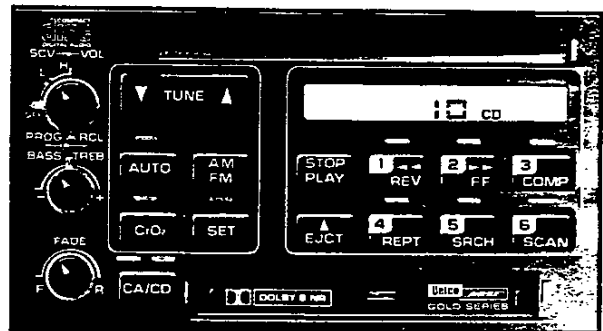
Delco-Bose Gold Series Cassette (RPO UU8)

**Delco/Bose Gold Series
AM/FM Stereo Music System
w/Cassette Tape Player and
Compact Disc Player
(RPO U1F)**

Optional on Corvette Coupe and Convertible, standard on ZR-1. Features include: ■ Delco Electronics ETR radio receiver with 12 station presets (six AM/six FM). ■ Electronic station seek. ■ Digital clock/frequency/operation status display. ■ Cassette tape player. ■ Compact disc player. ■ Optimum speaker placement with six separate speaker enclosures. ■ Patented bass amplifiers/driver, delivering up to 200 watts of total power. ■ Separate volume and On/Off controls. ■ Dolby Noise Reduction. ■ Separate bass and treble controls. ■ Front-to-rear fade controls. ■ Speed compensated volume control which regulates volume proportionate to vehicle speed.

Cassette/Disc Player

Cassette player features include: ■ Music search. ■ Auto reverse. ■ CrO₂ tape equalization. ■ Tape protection when system is turned off. Compact disc player features include: ■ Music search. ■ Program recall button. ■ Track scan. ■ Protection circuit provides heat protection for the player's laser diode.



Delco-Bose Gold Series Cassette/Compact Disc (RPO U1F)

CORVETTE OPTIONS

PREFERRED EQUIPMENT GROUP OPTION—CORVETTE COUPE/CONVERTIBLE & ZR-1

Description	PEG	Coupe		Convertible		ZR-1
		1SAX	1SBX	1SCX	1SDX	
Base Preferred Equipment Group (Refer to Standard Equipment Summary)		X	X	X	X	X
Electronic air conditioning (with CFC-free refrigerant)			X		X	S
Delco Bose music system, electronically tuned AM/FM stereo radio w/seek-scan, digital clock and stereo cassette tape player			X		X	NA
Power seat (driver)			X		X	S

INDIVIDUAL OPTIONS

Description	RPO					
Transmission						
6-speed manual (no-cost)	MN6	○	○	○	○	S
Tires						
Extended mobility tires (requires UJ6)	WY5	○	○	○	○	NA
Spare tire delete (requires WY5 tires and UJ6)	N84	○	○	○	○	NA
Sound System						
Delco-Bose music system, electronically tuned AM/FM stereo w/seek-scan, digital clock, cassette tape and CD	U1F	NA	○	NA	○	S
Interior						
Leather adjustable sport bucket (requires AG1 & AG2 seats)	AQ9	○	○	○	○	S

ADDITIONAL INDIVIDUAL OPTIONS

Axle, performance ratio (reqs. MX0 trans.)	G92	○	○	○	○	NA
Hardtop, removable (includes rear defogger)	CC2	NA	NA	○	○	NA
Low tire pressure warning system	UJ6	○	○	○	○	S
Performance Handling Package*	Z07	○	○	NA	NA	NA**
Power seat, 6-way driver	AG1	○	X	○	X	S
Power seat, 6-way passenger (requires AG1 power seat)	AG2	○	○	○	○	S
Roof panel, transparent removable - blue tint	24S	○	○	NA	NA	○
Roof panel, transparent removable - bronze tint	64S	○	○	NA	NA	○
Roof package (requires 24S or 64S panel)	C2L	○	○	NA	NA	○
Selective ride and handling, electronic*	FX3	○	○	○	○	S

S - Standard ○ - Optional X - Included in option package NA - Not Available

*Please refer to Order Guide for complete details and/or restrictions.

**RPO-Z07 Not Available with ZR-1, however contents of Z07 package are standard equipment with ZR-1.

DID YOU KNOW?

- Adjustable Performance Handling Package (RPO-Z07) is optional on all 1997 Corvettes. It's a driver-adjustable performance oriented package for the Gymkhana/AVI cross-country driver.
- Electronic Selective Ride Control— an adjustable handling package, which allows you to adjust the ride.
- Stiffer springs, shock absorbers, stabilizer bars and bushings.
- Heavy duty power steering oil cooler.

Note: RPO Z07 is available with automatic transmission with Performance Handling Package.

EQUIPMENT SUMMARY

POWER TEAMS FEATURES

	Corvette Coupe	Corvette Convertible	Corvette ZR-1
Aluminized stainless steel exhaust system, including manifolds	S	S	S
Aluminum alloy engine crankcase	NA	NA	S
Aluminum alloy engine cylinder head	S	S	S
Aluminum intake manifold	S	S	S
Brake/transmission shift interlock (automatic transmission)	S	S	NA
Cast-iron engine crankcase	S	S	NA
Delco Freedom II Battery	S	S	S
Delcotron generator with built-in solid-state regulators	S	S	S
Direct fire ignition	NA	NA	S
Electric engine cooling fan	S	S	S
Engine oil life monitor	S	S	S
Heavy-duty engine oil cooler (thermostatically controlled)	NA	NA	S
Low oil sensor with telltale lamp on the Driver Information Center panel	S	S	S
Opti-Spark ignition system	S	S	S
Outside air induction system	S	S	S
Roller valve lifters	S	S	NA
Single-belt accessory drive	S	S	S
Sparkplugs, platinum-tipped	S	S	S
Waterpump, direct drive	S	S	S

TIRES/WHEELS

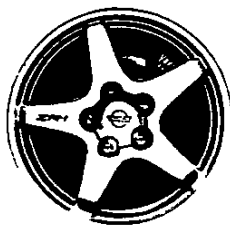
P255/45ZR 17 Z-rated steel-belted black-lettered Eagle GSC performance tires (front)	S	S	NA
P285/40ZR 17 Z-rated steel-belted black-lettered Eagle GSC performance tires (rear)	S	S	NA
P275/40ZR 17 Z-rated steel-belted black-lettered Eagle GSC performance tires (front)	NA	NA	S
P315/35ZR 17 Z-rated steel-belted black-lettered Eagle GSC performance tires (rear)	NA	NA	S
17" x 8.5" cast-aluminum alloy wheels (front)	S	S	NA
17" x 9.5" cast-aluminum alloy wheels (rear Coupe & Conv./front ZR-1)	S	S	S
17" x 11" cast-aluminum alloy wheels (rear)	NA	NA	S
Extended Mobility Tires	O	O	NA
Low tire pressure warning system	O	O	S

S - Standard O - Optional NA - Not Available

WHEELS



■ Corvette standard cast-aluminum wheel



■ Corvette ZR-1 standard cast-aluminum wheel

EQUIPMENT SUMMARY

INTERIOR FEATURES

Instrument Panel/Controls	Corvette Coupe	Corvette Convertible	Corvette ZR-1
Accessory "delay" feature	S	S	S
Air conditioning, manual control (with CFC-free refrigerant)	S	S	NA
Air conditioning, electronic control (with CFC-free refrigerant)	O	O	S
Carpeting — Deep-twist floor and storage area carpeting	S	S	S
Cellular phone power wiring connector	S	S	S
Comfortilt Tilt-Wheel Adjustable Steering Column	S	S	S
Day/night rear view mirror with integral map light	S	S	S
Driver information center digital display of MPG and cruising range	S	S	S
Driver's- and passenger's-side air bags	S	S	S
Electronic liquid-crystal instrumentation with analog and digital display; switchable between English and Metric	S	S	S
Electronic speed control	S	S	S
"Full Power" graphics with green LED	NA	NA	S
Headlamps-on reminder tone	S	S	S
Illuminated driver and passenger vanity mirrors	S	S	S
Intermittent windshield wiper system	S	S	S
Keyed lockout of full engine power	NA	NA	S
Leather-wrapped sport steering wheel	S	S	S
PASS-Key II™ theft-deterrent system	S	S	S
Scotchgard™ Fabric Protector on floor carpeting and mats	S	S	S
Side window defoggers	S	S	S
Sound system, electronically-tuned AM/FM stereo with cassette tape player, digital clock, power antenna and extended range speakers	S	S	NA
Sound system, Delco-Bose Gold Series electronically-tuned AM/FM stereo with cassette tape player, compact disc player, digital clock, Bose Speaker System and power antenna	O	O	S
Luggage/Cargo Area			
Luggage compartment concealment roller shade	S	NA	S
Rear underfloor storage compartment	S	S	S
Seats/Console/Door Panels			
Adjustable bucket seats with leather seating surfaces	S	S	NA
Sport bucket seats with leather seating surfaces, lateral support and back angle adjustment	O	O	S
Center console with coin tray, cassette and CD storage, locking lighted storage compartment and integral armrest	S	S	S
Manual lap/shoulder safety belts for driver and right front seat passenger	S	S	S
Power door locks	S	S	S
Power windows with "Express-Down" driver window	S	S	S
Soft-padded door panels	S	S	S

POWER TEAM AVAILABILITY

LT1 5.7L (350 CID) V8 engine with Sequential Fuel Injection	S	S	NA
LT5 5.7L (350 CID) 32-valve DOHC V8 engine with Sequential Fuel Injection	NA	NA	S
MN6 6-speed manual transmission with overdrive 5th & 6th gears	O*	O*	S
MX0 4-speed automatic overdrive transmission	S	S	NA

S - Standard O - Optional NA - Not Available *No-cost option

EQUIPMENT SUMMARY

BODY FEATURES

	Corvette Coupe	Corvette Convertible	Corvette ZR-1
Acoustical insulation package	O	NA	O
Blue- or bronze-tint transparent removable roof panel	O	NA	O
Concealed wipers with integral washers in wiper arms	S	S	S
Energy-absorbing bumper system	S	S	S
Full-folding convertible roof	NA	S	NA
Full-glass rear hatch with two remote releases	S	NA	S
Full-tilting clamshell-opening front-end assembly	S	S	S
One-piece removable fiberglass roof panel	S	NA	S
Removable lightweight (64 lb.) hardtop	NA	O	NA
Tinted, flush-mounted glass	S	S	S
Underhood lamps	S	S	S
Uniframe-design body structure with corrosion-resistant coating	S	S	S

CHASSIS FEATURES

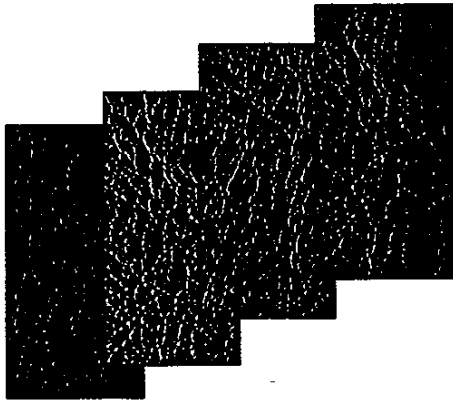
Acceleration Slip Regulation (ASR) traction control	S	S	S
Bilstein shock absorbers	S	S	S
Bosch ABS 4-Wheel Anti-Lock Brake System	S	S	S
Electric in-tank fuel pump	S	S	NA
Electric in-tank fuel pumps, dual	NA	NA	S
Forged aluminum front and rear suspension arms	S	S	S
Front suspension—zero-scrub independent, aluminum parallel Short-Long Arm (SLA) transverse monoleaf fiberglass spring with steel stabilizer bar	S	S	S
Heavy-duty power steering oil cooler	NA	NA	S
Heavy-duty power-assisted 4-wheel disc brakes	S	S	S
Limited slip differential	S	S	S
Power-assisted rack-and-pinion steering	S	S	S
Power steering cooler	S	S	S
Rear suspension—-independent with transverse monoleaf fiberglass spring, steel tie-rods and stabilizer	S	S	S
Rear-wheel drive	S	S	S
Special performance suspension components	O*	NA	S
20-gal. fuel tank	S	S	S

EXTERIOR FEATURES

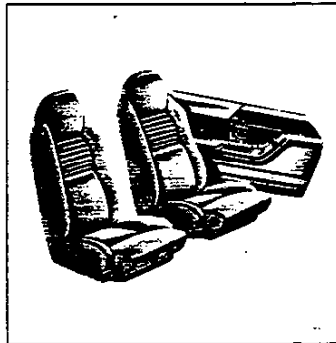
Base-coat/clear-coat paint	S	S	S
Body-colored side moldings	S	S	S
Center high-mounted stop lamp in rear fascia	S	S	NA
Center high-mounted stop lamp, roof mounted	NA	NA	S
Dual electric remote control adjustable heated outside rear view mirrors	S	S	S
Front fender ventilating louvers (gill panels)	S	S	S
Heated glass backlite	NA	S	NA
Power-operated retractable halogen headlamps	S	S	S
Rear backup lamps	S	S	S
Rear marker lamps with red clear lens	S	S	S
Rear window defogger	S	S	S
Remote Passive Keyless Entry System (PKE)	S	S	S
Wraparound front parking/cornering/fog lamp assemblies	S	S	S

S - Standard O - Optional NA - Not Available
 *Included with Adjustable Performance Handling Package (RPO Z07).

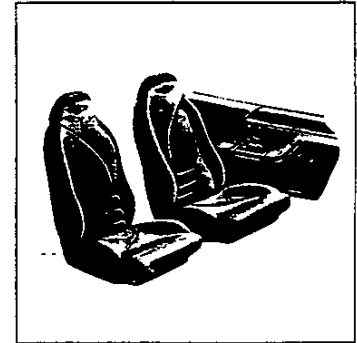
SEATS



- Black
- Light Beige
- Light Gray
- Torch Red

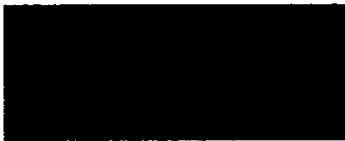


Standard seat with leather seating surfaces.



Optional sport seat with leather seating surfaces.

EXTERIOR COLORS



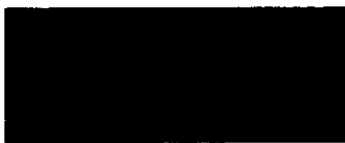
■ 05 — Purple, Dark (Metallic)



■ 10 — White



■ 28 — Blue, Admiral (Metallic)



■ 41 — Black



■ 43 — Aqua, Bright (Metallic)



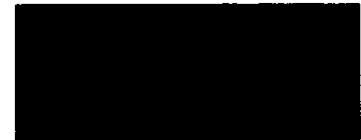
■ 45 — Green, Polo II (Metallic)



■ 53 — Yellow, Competition



■ 70 — Red, Torch



■ 75 — Red, Dark (Metallic)

COLOR/TRIM SELECTION

SEAT STYLE & TRIM COMBINATION

Model	Availability	Seat Type	Interior			
			Black	Light Beige	Light Gray	Torch Red
Coupe/Convertible	Std.	Leather Bucket	193X	643X	143X	703X
	Opt.	Leather Adjustable Sport Bucket	193X	643X	143X	703X
ZR-1 Coupe	Std.	Leather Adjustable Sport Bucket	193X	643X	143X	703X

CORVETTE COUPE AND ZR-1 (EXTERIOR/INTERIOR COMBINATIONS)

Exterior Paint Color	Color Code	Interior			
		Black	Light Beige	Light Gray	Torch Red
▲ Purple, Dark (Metallic)	05UX	X	X	X	
■ White, Arctic	10UX	X	X	X	X
■ Blue, Admiral (Metallic)	28UX	X	X	X	
■ Black	41UX	X	X	X	X
■ Aqua, Bright (Metallic)	43UX	X	X	X	
■ Green, Polo II (Metallic)	45UX	X	X		
■ Yellow, Competition	53UX	X	X	X	
■ Red, Torch	70UX	X	X	X	X
■ Red, Dark (Metallic)	75UX	X	X	X	

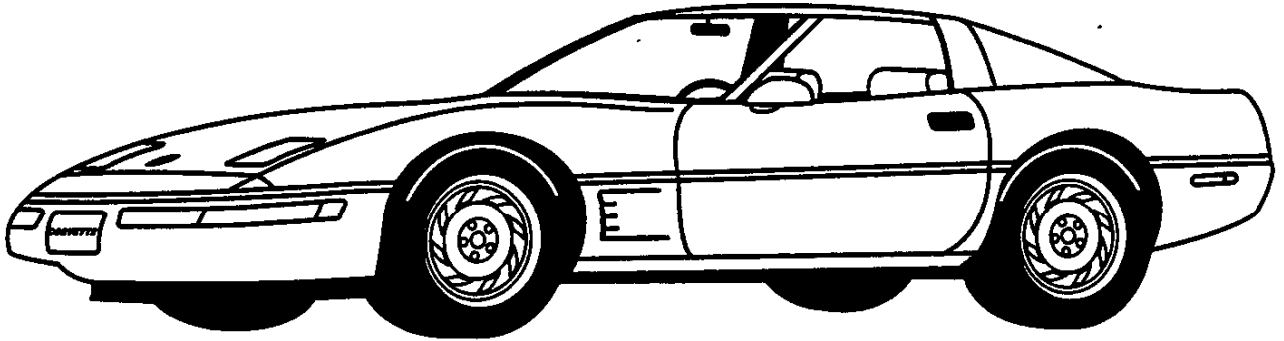
CORVETTE CONVERTIBLE (EXTERIOR/INTERIOR COMBINATIONS)

Exterior Paint Color	Color Code	Interior			
		Black	Light Geige	Light Gray	Torch Red
▲ Purple, Dark (Metallic)	05UX	41T/34T	41T/34T	41T/16T	
■ White, Arctic	10UX	41T/16T/34T	41T/16T/34T	41T/16T	41T/16T
■ Blue, Admiral (Metallic)	28UX	41T/16T/34T	41T/16T/34T	41T/16T	
■ Black	41UX	41T/16T/34T	41T/34T	41T/16T	41T
■ Aqua, Bright (Metallic)	43UX	41T/16T	16T/34T	41T/16T	
■ Green, Polo II (Metallic)	45UX	41T/34T	34T		
■ Yellow, Competition	53UX	41T/16T/34T	41T/16T/34T	41T/16T	
■ Red, Torch	70UX	41T/16T/34T	41T/16T/34T	41T/16T	41T/16T/34T
■ Red, Dark (Metallic)	75UX	41T/16T/34T	41T/16T/34T	41T/16T	

Top Color Codes: 16T - White (Vinyl), 41T - Black (Fabric), 34T - Beige (Fabric)

▲=New color for 1995

CORVETTE SAFETY OVERVIEW



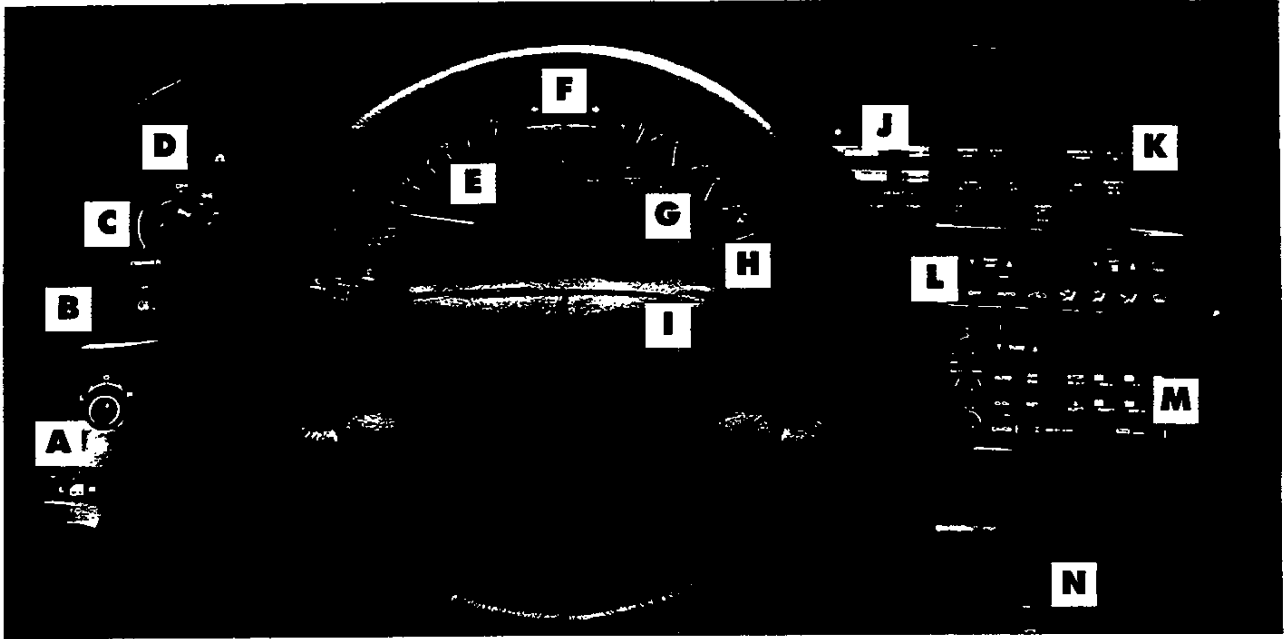
Accident Avoidance

- Acceleration Slip Regulation (ASR)
- Backup lamps
- Brake system with dual master cylinder plus warning light
- Brake/transmission shift interlock (automatic transmission)
- Center high-mounted stop light
- Directional signal control
- Dual-action hood latch
- Illuminated heater and defroster controls
- Inside day/night rear view mirror
- Outside rear view mirrors
- Parking lamps
- Rear window defogger
- Side-marker lamps and reflectors
- Starter safety switch (manual transmission)
- Tires with built-in tread-wear indicators
- Windshield defrosters, washer and multi-speed wipers
- 4-way hazard warning flashers
- 4-wheel anti-lock brakes

Occupant Protection

- Break-away inside rear view mirror
- Driver's- and passenger's-side air bags
- Energy-absorbing instrument panel
- Energy-absorbing steering column
- Front and rear crush zones
- Head restraints
- Laminated windshield glass
- Interlocking door latches
- Safety armrests
- Safety belts, manual lap/shoulder
- Security door locks and door-retention components
- Side door guard beams

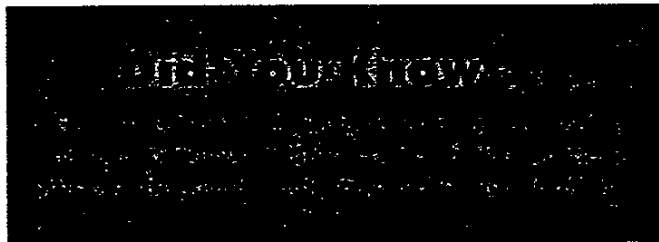
CORVETTE PRODUCT FEATURES



Corvette's standard instrument panel and controls include:

- [A]** Power outside mirror control.
- [B]** Fog lamp switch.
- [C]** Headlamp and parking lamp switch and panel lamps dimmer control.
- [D]** Acceleration Slip Regulation (ASR) switch.
- [E]** Analog 6,000 rpm tachometer graphics for easy monitoring of engine speed.
- [F]** Speedometer and fuel gauge. Digital display also includes oil temperature, engine temperature, voltage and automatic transmission fluid temperature readouts. Driver's can also choose English or Metric displays. Fuel readouts include instant and average mileage, trip mileage and available mileage.
- [G]** Analog gauge displays for oil temperature and pressure, voltage and coolant temperature.
- [H]** Driver-alert lamps (including CHECK GAUGES and CHANGE OIL service messages).
- [I]** Driver's-side air bag.
- [J]** Trip monitor computer for specific mileage references.
- [K]** Driver Information Center alerts driver to specific vehicle functions.
- [L]** Heater/air conditioning/ventilation system for accurate temperature settings. Optional* electronic system (shown) allows digital temperature settings for precise climate control.
- [M]** Sound system. Optional* Delco-Bose Gold Series music system.
- [N]** Center console. Includes storage for roof panel ratchet, lug nut key and CD/cassette stowage.

*Standard on ZR-1



INTERIOR

Major Features

- Standard driver's- and passenger's-side air bags complement the lap/shoulder safety belt system by helping to restrain the driver and passenger in the event of a moderate to severe frontal impact. (Always wear safety belts, even with air bags.)



Corvette provides standard air bag protection for both occupants.

- "Express-Down" driver's power window opens completely at the touch of the window control switch.
- White instrument panel graphics turn tangerine when illuminated at night.
- Storage space in armrests under lift-up lids in both door panels.
- Tire jack stored under the interior storage compartment behind the passenger seat for easy access.
- An anti-theft horn alarm circuit is also standard on all Corvettes for additional security.
- Electronic speed control with resume speed, tap up/tap down feature maintains established road speed for added convenience.
- Power-operated windows and door locks enhance driver convenience.
- Standard air conditioning keeps the interior cool and dehumidified.

Passive Keyless Entry (PKE)

- Passive Keyless Entry (PKE) system adds both convenience and security. When the driver approaches or leaves the car, the key-fob transmitter automatically unlocks or locks the doors.
- Operator can program the system to:
 - Lock/unlock both doors
 - Lock/unlock just the driver's door
 - Not operate at all.
- The PKE also automatically arms and disarms the standard theft-deterrent system and a built-in feature prevents doors from locking when the keys are left in the ignition.
- See the 1995 Corvette Owner's Video Feature Operation Module for a demonstration of PKE features and programming.

Sound Systems

- Standard AM/FM stereo sound system with cassette tape player for excellent sound reproduction.
- Optional sound systems include a 200-watt, Delco-Bose Gold Series system with cassette tape player, or cassette and compact disc players and Speed Compensated Volume Control (CD player standard on ZR-1).
- All systems allow you to search for radio stations:
 - First press the "AUTO" button
 - Then press either the "UP" or "DOWN" arrow on the tune button.
- The cassette and compact disc players also feature:
 - A "REPEAT" button that automatically replays the previous selection
 - A "SEARCH" button that advances to the next selection
 - A "SCAN" function that plays the first eight seconds of each selection.
- Standard power antenna lowers automatically when the sound system or vehicle is turned off to help protect it from damage.

SUSPENSION SYSTEM

Front

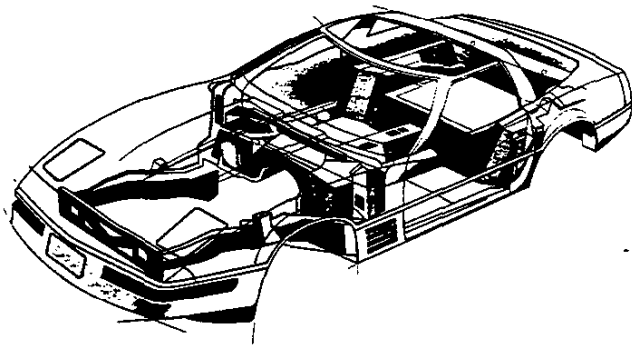
- Double-wishbone setup similar to design used on race cars.
- High-strength forged aluminum alloy components maximize strength and minimize weight.
- Tubular high-strength steel stabilizer bar enhances maneuverability.
- Transverse-mounted single glass-epoxy monoleaf spring improves ride control while reducing weight.
- Gas-charged shock absorbers help improve the suspension feel without sacrificing ride comfort.

REAR

- 5-link point design permits independent wheel action for remarkable handling and a smooth ride.
- Single lightweight glass-epoxy monoleaf spring absorbs road shocks while providing excellent control.

Selective Ride Control

- Selective Ride Control (RPO FX3), standard on ZR-1 and optional on Coupe and Convertible models, utilizes electronically adjustable Bilstein shock absorbers that allow the driver to select a suspension setting that will meet specific driving situations.
- Three ranges are available: Tour ("soft"), Sport (increased stiffness) and Perf (maximum stiffness).



Corvette's body is formed from a composite plastic material over an all-welded steel space frame.

BODY

Corvette

- Corvette's body is formed from a composite plastic material, over an all-welded 100% galvanized steel space frame that forms a structurally rigid cage for the passenger compartment.
- Clamshell hood opening eases access to engine and accessories.
- Raked windshield angled at 64° contributes to aerodynamic efficiency and a sleek appearance.
- Full-opening glass hatch with concealed hinges for added versatility and a clean appearance (Coupe/ZR-1 only).
- Removable fiberglass roof panel or optional blue-tinted or bronze-tinted transparent roof panel (Coupe/ZR-1 only) offer an open-air ride. Only four bolts need to be loosened to remove panel. Ratchet stowed in center console.
- High-gloss acrylic enamel basecoat/clearcoat exterior paint finish contributes to a long-lasting, deep shine.

Convertible

- Corvette Convertible's top disappears beneath a fiberglass panel when lowered, for a sleek appearance.
- Optional lightweight (64 lbs.) removable hard-top for Convertible includes electric rear window defogger and an integral headliner for sound deadening. Makes Convertible a comfortable four-seasons vehicle.

ZR-1

- ZR-1 body widened to accommodate larger 17-in. X 11-in. rear wheels and P315/35ZR17 rear tires.
- ZR-1 identification on hood and rear fascia.
- Roof-mounted center high-mount stop light.

ABS/ASR 5

Brake System

- Heavy-duty power 4-wheel vented disc brakes—with large 13-in. x 1.1-in. rotors and dual piston front calipers—are standard on all Corvettes, providing sure response in a variety of road and weather conditions.
- Bosch 4-Wheel Anti-Lock Brake System (ABS) is standard. ABS helps the driver maintain vehicle control during braking, even under many adverse road conditions, by minimizing wheel lock-up.

Acceleration Slip Regulation

- Acceleration Slip Regulation (ASR), Corvette's sophisticated traction control system, works with the anti-lock brake system to provide improved traction and enhance vehicle stability.
- The system's control module and speed sensors continually monitor for drive wheel slip.
- In the event of wheel slip, ASR automatically corrects the situation using the appropriate combination of throttle relaxer, spark retard and brake intervention. (Brake intervention does not occur at speeds above 25 mph.)
- See 1995 Corvette Owner's Video for a demonstration of ASR.

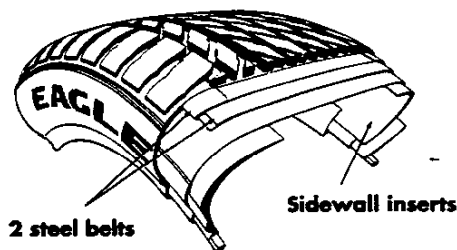
TIRES

Goodyear Eagle GS-C

- The Goodyear Eagle GS-C has a unidirectional and asymmetrical tread pattern for superb wet and dry performance.
- Front tire size is P255/45ZR17 on 17-in. X 8.5-in. cast aluminum-alloy rims with standard wheel nut locks on all wheels for added security.
- P285/40ZR17 rear tires on 9.5-in. rims are standard on Coupe and Convertible models for even greater traction.
- Larger P275/40ZR17 front tires on 9.5-in. wheels and P315/35ZR17 rear tires on 11-in. rims are used on the ZR-1 for increased traction and performance.

Extended Mobility Tires (EMT)

- Optional Goodyear Eagle GS-C EMTs offer driving capability at 55 mph for up to 200 miles after complete air loss.
- Specially compounded sidewalls support the weight of the vehicle after air loss to help prevent wheel rims from contacting the ground.
- When inflated, EMTs deliver performance very comparable to standard GS-Cs — most drivers will not notice any difference.
- Since air loss may be imperceptible to the driver, LTPWS is a required option w/EMT.



Optional LTPWS

- Optional Low Tire Pressure Warning System (RPO UJ6)—standard on ZR-1—alerts the driver via a signal lamp in the Driver Information Center should one or more of the tires become underinflated.
- Utilizes radio transmitters on each wheel, which send low-frequency signals to a central control unit that constantly monitors tire pressure.

ENGINES

ENGINE RATINGS

5.7L LT1 V8 with SFI	5.7L LT5 DOHC V8 with SFI
300 hp @ 5,000 rpm	405 hp @ 5,800 rpm
340 lbs.-ft. torque @ 4,000 rpm	385 lbs.-ft. torque @ 5,200 rpm

5.7L V8 with SFI (LT1)

■ Refined 5.7L LT1 V8 features Sequential Fuel Injection for optimum combustion that precisely matches fuel delivery to each cylinder's intake stroke, pulsing the individual injectors in sequence with the LT1's firing order for a smoother idle, improved driveability and lower emissions.

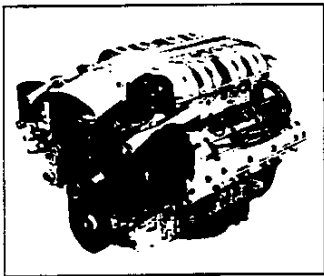


Standard Corvette 300-hp LT1 V8 engine. This version of Corvette's legendary "Small Block" V8 is one of the most powerful ever.

- Aluminum cylinder heads and pistons help reduce overall weight and increase performance.
- Reverse flow cooling system routes cold coolant to the heads, which are the hottest part of the engine, first. Cooler heads help maximize performance capability.
- LT1 weight-to-horsepower ratios are approximately 11 lbs. to 1 hp. in coupe and 11.2 lbs. to 1 hp. for convertible.

5.7L DOHC V8 (LT5)

- Sophisticated 5.7L DOHC V8 engine—exclusive to ZR-1—boosts performance by 105 horsepower over the LT1 engine.
- Dual overhead camshafts with four valves per cylinder ensure optimum engine breathing.



ZR-1 is powered by the LT5, 32-valve dual overhead cam engine.

■ The nearly total aluminum construction provides outstanding performance, fuel economy and vehicle balance.

■ Computer-controlled Multec fuel injectors (two per cylinder) create a precise fuel/air mixture for a wide range of driving needs.

■ LT5 weight-to-horsepower ratio is approximately 8.6 lbs. to 1 hp.

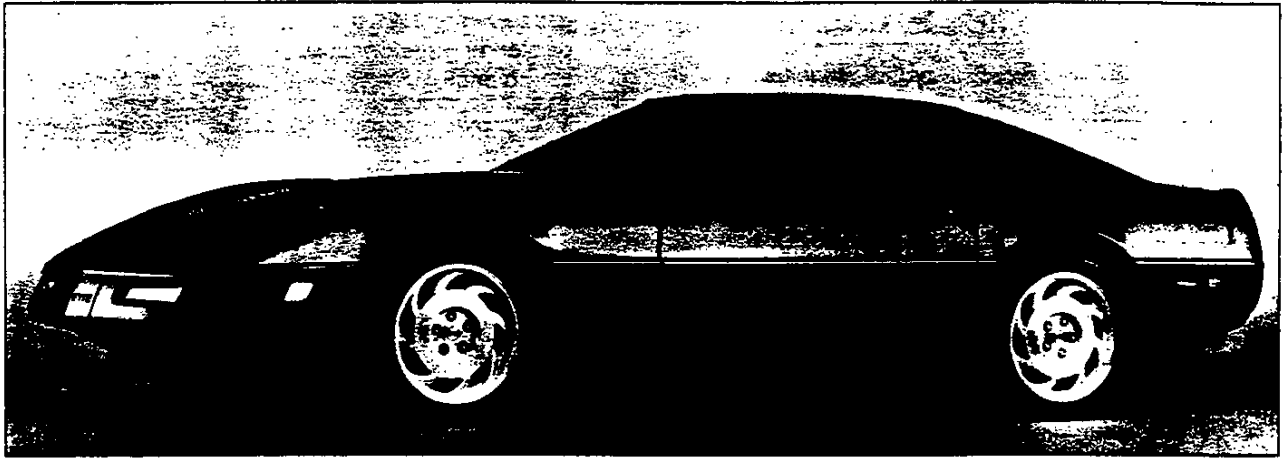
TRANSMISSIONS

4-Speed Automatic (LT1 only)

- 4L60-E 4-speed automatic overdrive transmission utilizes electronic controls to deliver smooth, precision shift points.
- Computer controlled operation helps maintain a more consistent shift feel even with significant changes in altitude or driving situations.
- First gear (3.06:1 ratio) provides high-end torque for impressive acceleration while overdrive gear (.70:1 ratio) offers impressive fuel economy at highway cruising speeds.
- Brake/Transmission shift interlock requires driver to press the brake pedal before shifting out of PARK for added security.

6-Speed Manual

- 6-speed manual transmission (available on all Corvettes as a no-cost option, standard on ZR-1) maximizes both performance and efficiency.
- Overdrive in 5th and 6th gears helps deliver outstanding fuel economy at highway speeds.
- Design centers shift lever in the 3-4 gate's neutral position to enhance shift feel and help minimize the chance of mis-shifting.
- Dual-mass flywheel dampens torque fluctuations at idle for quiet performance.
- Lock-out ring on shift handle eliminated for 1995 to help make it easier to engage reverse gear.



COMFORT & CONVENIENCE

- Passive Keyless Entry system (PKE), when activated, operates the security system and automatically unlocks/locks door(s) as the owner approaches/leaves the car.
- Express-down power driver's window provides increased comfort and convenience.
- One-piece removable roof panel on Coupe models lifts off for open-air driving. Optional transparent panels available with blue or bronze tint.
- AM/FM stereo sound system with stereo cassette player provides 4-speaker stereo listening pleasure. Optional Delco-Bose Gold Series system includes cassette tape player, or cassette tape player and compact disc player with 200 watts of power.
- Glass rear window on Corvette Convertible with standard heated grid defogger.

EASY TO OWN

- Theft-deterrent systems, driver's- and passenger's-side air bag and 4-wheel ABS may qualify for reduced insurance rates.
- Composite body panels will never rust.
- Stainless steel exhaust system offers longer life and reduced cost of ownership.
- Dexron III automatic transmission fluid designed for long-life usage. (See Owner's Manual for recommended maintenance schedules.)
- Chevrolet/Geo Customer Care includes the following items at no additional cost:
 - 3 year/36,000 mile Bumper to Bumper warranty with no deductible for the entire term of warranty.
 - 24-Hour Roadside Assistance Program provides the security of round-the-clock peace of mind to every Chevrolet owner via a toll-free hotline (1-800-CHEV-USA).
 - Courtesy Transportation at participating dealer provides no-cost transportation any time a vehicle comes in for warranty work. (Some restrictions apply.)
- Special Corvette Action Center telephone line links Corvette owners directly to factory representatives who can answer in-depth product questions—1-800-457-VETT or (502) 745-8101.

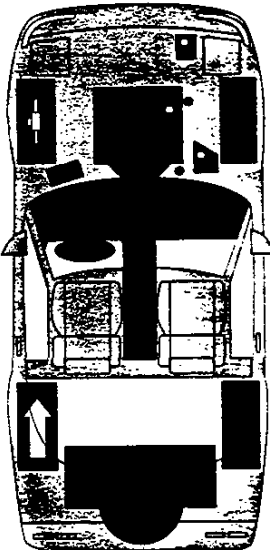
SAFETY & SECURITY

- Standard driver's- and passenger's-side air bags complement the lap/shoulder safety belt system by helping to restrain the driver and passenger in the event of a moderate to severe frontal impact. (Always wear safety belts, even with air bags).
- Power 4-wheel disc brakes with the Bosch ABS/ASR 5—a unique combination of anti-lock brakes and Acceleration Slip Regulation (ASR) traction control—enhance Corvette's driveability. (See page 25 for overview of ASR operation.)
- PASS-Key anti-theft system—consisting of a small resistance-coded pellet in the ignition key which must match a measurement circuit in the ignition column to enable the engine to start—helps protect Corvette from theft.
- Dual electrically adjusted and heated outside rear view mirrors help to maintain visibility

PERFORMANCE

- 5.7L LT1 V8 engine with Sequential Fuel Injection generates 300 horsepower @ 5,000 rpm and 340 lbs.-ft. of torque @ 4,000 rpm, making it one of the most powerful versions of the "Chevy Small Block" V8 to date.
- 4L60-E electronically controlled 4-speed automatic overdrive transmission, teamed with the LT1 engine, offers responsive driving performance qualities.
- 6-speed manual transmission available as a no-cost option.
- 4-wheel independent suspension with gas-charged shock absorbers help "drive" Corvette's reputation for road-hugging control and handling.
- Goodyear Eagle GS-C unidirectional/asymmetrical tires offer outstanding wet and dry performance with minimal road noise.
- Optional Goodyear Extended Mobility Tires (EMT). (See Page 25 for more detailed information.)

CORVETTE DELIVERY TIPS

- 
- Dipsticks (note synthetic oil for both LT1 and LT5 engines)
 - Basecoat/clearcoat paint (explain care)
 - Bosch ABS/ASR 5 (explain operation)
 - Dual air bags (discuss operation)
 - Explain roof panel removal and storage procedure
 - Unidirectional Goodyear Eagle GS-C tires
 - Sound system (explain pre-sets, time set, additional features)
 - Fuel filler (20-gal. tank, requires 87 for LT1, 91 for LT5 octane or higher unleaded gas)
 - Compact spare and jack stowage (show special wheel-nut socket location, discuss contents)

APPEARANCE

- Aerodynamic, performance-inspired design is the trademark of this true American classic.
- New gill panel design distinguishes 1995 Corvette from previous model year.
- Cockpit-style interior offers a performance-oriented appearance and places all controls within easy reach for the driver.
- Standard leather seating surfaces promote Corvette's luxurious performance image.
- Square-tipped exhaust pipes add performance character.
- Large, 17-in. cast aluminum wheels on Coupe and Convertible.
- 5-spoke non-directional aluminum wheels are standard on ZR-1 models.

1995 Corvette Highlights

New for '95

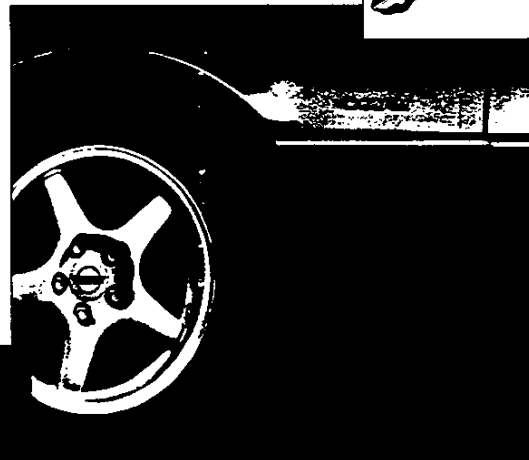
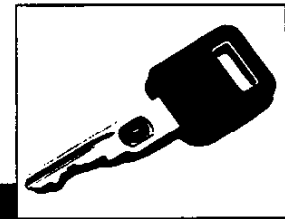
- Restyled gill panels
- Dark purple metallic paint color
- Dexron III automatic transmission fluid
- Digital automatic transmission fluid temperature display
- Heavy-duty brake system with larger front rotors on LT1 models
- Spare tire delete option available on vehicles with Extended Mobility Tires

Key Product Features

- Dual air bags
- ABS/ASR 5
- LT1 & LT5 engines
- Goodyear Eagle GS-C Tires
- Optional Extended Mobility Tires
- Composite body panels
- Standard leather seating surfaces
- Passive Keyless Entry
- PASS-Key™ anti-theft system
- Vehicle alarm system

Customer Care Package

- Bumper to Bumper 3-Year/36,000-Mile limited warranty
- 24-Hour Roadside Assistance
- Courtesy Transportation at participating dealerships



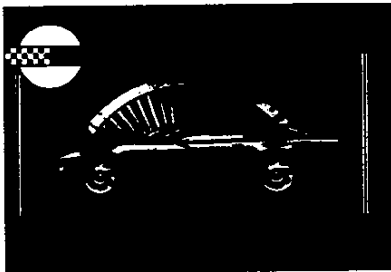
**ABS
ACTIVE**

Corvette Quarterly

Corvette Quarterly provides a unique glimpse at the culture surrounding Corvette. It offers a look at all aspects of the Corvette lifestyle, from the people who design and build Corvettes to the renowned enthusiasts who drive them. All new Corvette owners receive a complimentary four-year subscription to Corvette Quarterly.

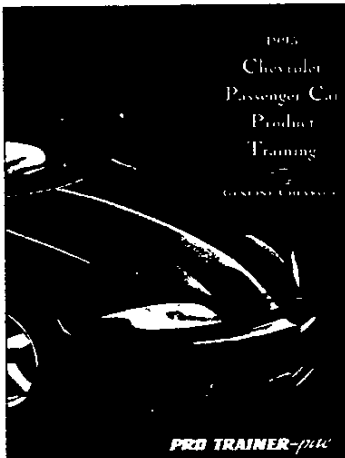


Corvette Owner's Manual



The Corvette Owner's Manual is an outstanding resource of in-depth Corvette information, including maintenance tips and schedules.

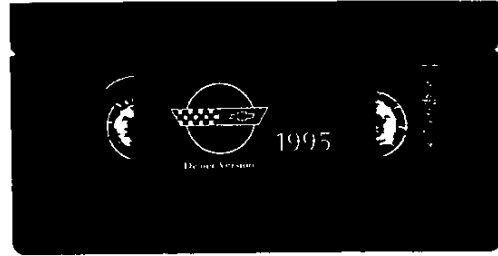
Product Training Video & Audio



The 1995 Chevrolet Passenger Car New Product Training program includes a video segment dedicated to Corvette. Along with reviewing Corvette's new features for 1995, the video includes presentations by successful Corvette salespeople and key Corvette engineers.

In addition, there's an audio cassette presentation that guides listeners through a walkaround presentation of the vehicle.

1995 Corvette Owner's Video



There's also a special *Dealer Version* of the 1995 Corvette Owner's Video that was sent to your dealership. It can be used for Corvette Specialist Training. The programs on the video are:

- **Performance Review** with Indy 500 Champion Rick Mears and Corvette Continuous Improvement Manager John Heinrich who review Corvette's performance capability.
- **'95 Technical Highlights** that delves more deeply into Corvette's technology, including the design and operation of Acceleration Slip Regulation (ASR), its anti-lock brakes and the Goodyear Eagle GS-C EMT tires.
- **Feature Operation** provides an overview of key instruments and controls, including Passive Keyless Entry (PKE).
- **Corvette Care** offers added information about special care techniques that will help preserve the classic beauty and value of Corvette.
- **The Corvette Assembly Plant** goes inside Corvette's assembly plant in Bowling Green, Kentucky for a firsthand look at the technology and craftsmanship that build Corvette.
- **Commitment to Quality** takes viewers along with members of the Corvette engineering team on a pre-production audit drive as they carefully evaluate pilot vehicles to help ensure design and assembly quality.

Buyer Motivations

The research study provided other valuable information that can help you better understand the motivations of today's Corvette buyers. It can help you build rapport and win their trust.

A Personal Decision

The influence and input of family members, friends and co-workers often has very little impact on a person thinking about buying a high-sport car like Corvette. It's a very personal decision. They buy the car for themselves — not for other people. One Corvette owner said:

"My wife doesn't want me to buy it ... I order the car and it arrives the day of our 10th wedding anniversary. I bought my wife a string of pearls and put it in the glove compartment."



Once a person decides to buy Corvette, their mind is made up. Other people don't have much influence over it.



Do Not Disturb The Dream

Most Corvette buyers have already made the decision to purchase the car. "Do Not Disturb The Dream" means that Corvette buyers don't have to be, and most importantly, don't want to be, sold. The salesperson's role is to guide them through the process. Here's what owners said is important.

- They need to feel that the car they buy is unique, so they feel special
- They want salespeople who share their dream — someone who understands what it means to own a Corvette.
- A well-rounded understanding of the car is important, but it's not necessary to try to overwhelm the customer with technical facts.
- Sincerity and understanding about the Corvette experience are just as important as product knowledge.
- Don't come on too strong.

The Corvette Specialist

The role of the Corvette Specialist is to nurture the dreams people have of owning Corvette. Successful Corvette salespeople were interviewed during the development of this book, and they say there are several things you can do to help prepare yourself:

- Become a Corvette product expert. Use the training and reference materials provided by Chevrolet and also review the Owner's Manual and Owner's Video. But, most importantly, get hands-on experience with the car.
- Keep up to date on articles published about Corvette and its competitors in magazines such as Motor Trend, Road & Track and Car & Driver.
- Stay in touch with the Corvette culture by reading magazines like Corvette Quarterly and participate in, and even host, Corvette Club events.

The Game

The fact that Corvette owners said they viewed the sales/buying process as a game is very enlightening. It's a game in which both players can win if it's played correctly. The customer drives off in his dream car and the salesperson has the opportunity to win a tremendous prize — a Corvette sale.

Knowing the "rules of the game" means knowing that many prospective Corvette buyers have a negative predisposition about having to go to a Chevrolet dealership. Many believe salespeople will approach them in the same manner they would as if they were selling a Cavalier or Lumina. This feeling is illustrated with comments like:

"It's like going to K-Mart to buy a diamond. They don't understand that a car can mean so much more to a person. Porsche dealers do."

Some owners said they even "dressed down" for the occasion — walking into the dealership, almost daring salespeople not to take them seriously. One person told this story:

"I came into the Corvette dealership with a straw in my hair. The salesman said, 'What makes you think you can buy this car?' I said to him, 'Because I can buy and sell three of you right now.' I was so ticked off I left."

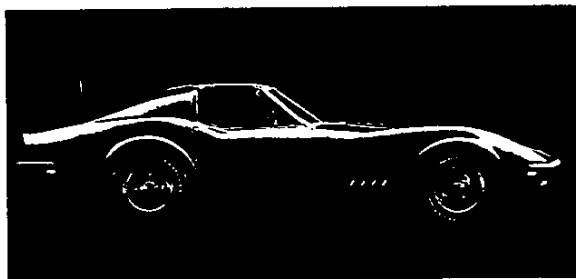
The Buyer

Chevrolet recently conducted an extensive research project to learn more about the needs and desires of Corvette buyers. Along with Corvette owners, the study also included people who owned Porsche 944 and 911, Nissan 300ZX, Toyota Supra, Mazda RX-7, Acura Legend as well as BMW, Lexus and Mercedes models.

The intent of the study wasn't to compile statistical data about these people, but, rather, to get at the heart at what fuels their desires for high-performance cars and how Chevrolet salespeople can use this information to help make Corvette their vehicle of choice. Given this mission, there were two very significant findings:

- Purchasing a Corvette is something many have dreamed of for a long time, perhaps even since their youth.
- Corvette buyers view the dealership and purchase experience as a game in which the ultimate prize is a new Corvette.

Understanding more about each of these key points will help you, as a Corvette Specialist, build solid relationships with Corvette prospects and improve your chances of making sales. In the pages that follow, we'll look more closely at how these two issues are entwined. First we'll cover more about the "Corvette Dream" and then how the sales process is looked upon as "A Game."



Many Corvette buyers say they grew up dreaming that someday they'd own a Corvette. Sometimes it's a significant event in their lives, such as a 40th birthday, divorce or job change, that convinces people that "now is the time" to own a Corvette.

The Corvette Dream

For many people, purchasing a new Corvette is the fulfillment of a life-long dream. They've always desired, and now they have the opportunity to make their dreams a reality.

Often, their aspiration for Corvette goes back many years to their youth. Remember, for more than 40 years, Corvette has been part of the American fabric — and its appeal spans our society. Just consider how many times Corvette has been seen in the movies, on television or immortalized in songs like:

- "Dead Man's Curve," by Jan & Dean
- "The Corvette Song," by George Jones
- Or "Little Red Corvette," by Prince.

One Corvette owner summed up the Corvette dream like this:

"I see a 1950-something Corvette. I'm at a drugstore, looking at the picture on the back of a magazine. I tell myself that, when I grow up, I'm gonna own one."

An important reason why the Corvette dream is so strong is the image that owners say the car conveys.

"I feel impressive in this car. It gives me confidence. I feel like I can do anything. The car forces me to be confident and successful."

"It's nice to portray yourself as a certain type when you pull up for an appointment. They treat you differently."

"The Corvette says I'm alive, well and in working condition."

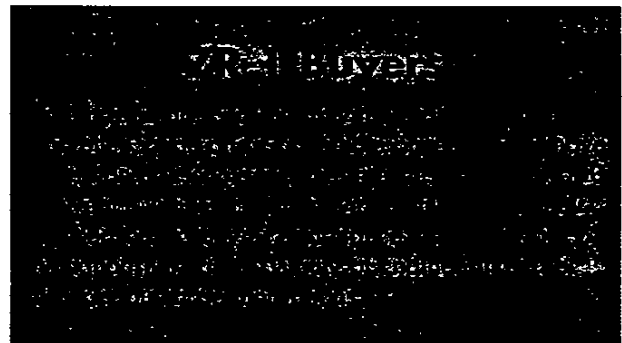
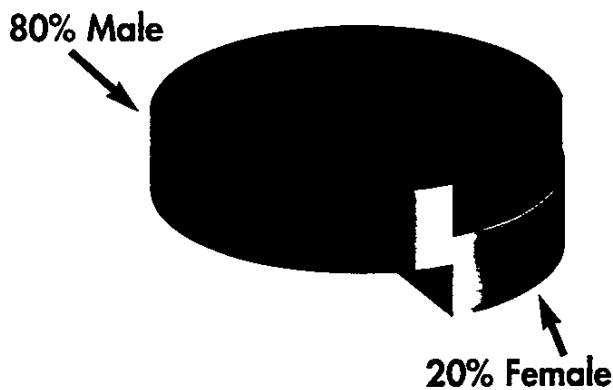
CORVETTE CUSTOMER FOCUS

Customer Profiles

Anybody might be a Corvette buyer. Corvette's appeal transcends generations, professions and even gender. The entrepreneur wearing blue jeans can just as likely be your dealership's next Corvette buyer as the corporate attorney in a pinstriped suit. The demographic chart below provides a "snapshot" of the people who are buying Corvette today. Remember, though, it's just a snapshot. Just because somebody does not fit the chart, doesn't mean they don't have the desire or ability to buy a Corvette.

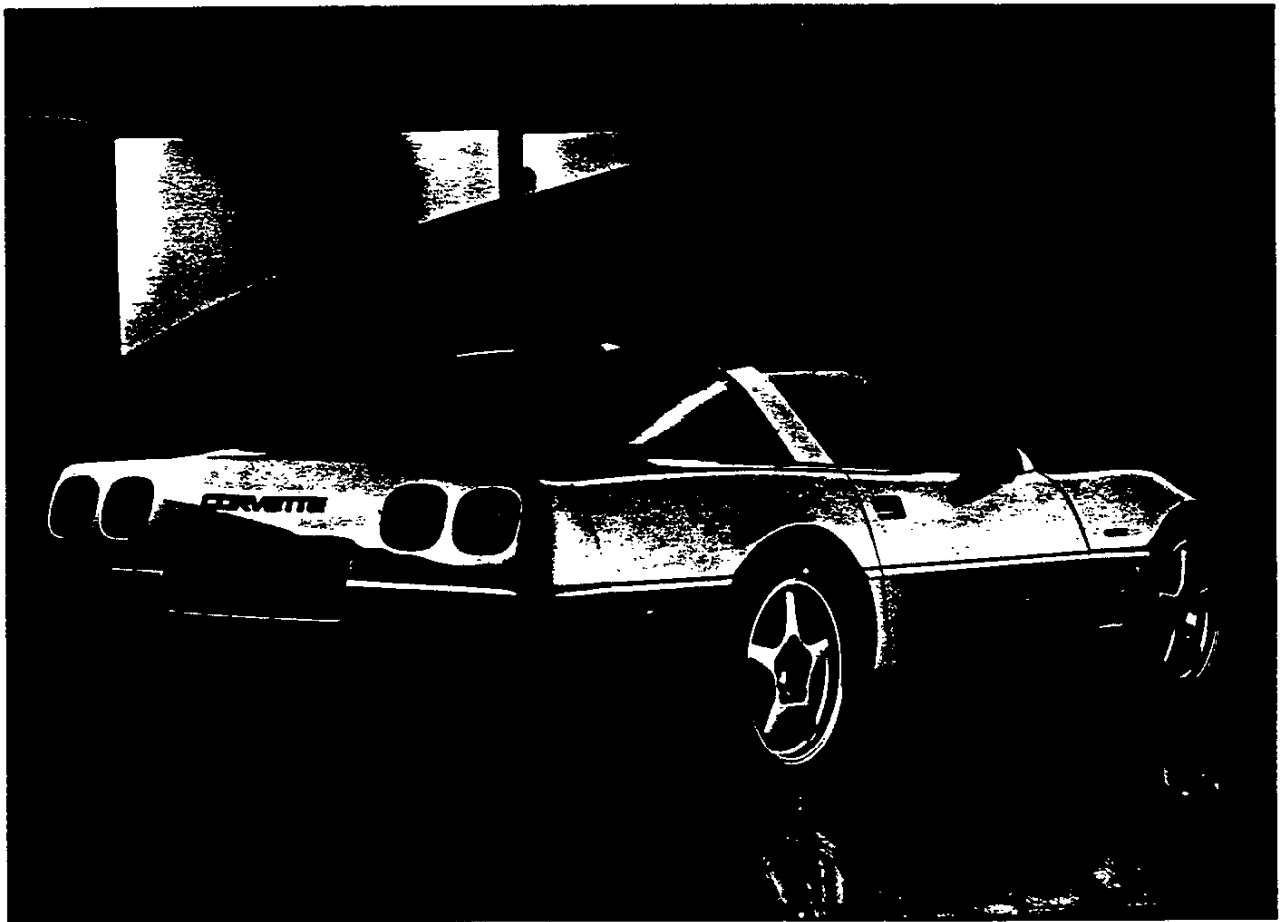
DEMOGRAPHICS	Coupe	Convertible
Median Age	43	44
% Male	80%	80%
% Married	64%	62%
% College Graduates	59%	63%
Median Household Income	\$85,000	\$100,000
Top Occupations		
Professional/Managerial	51%	51%
Tech/Sales/Administrative	14%	14%
Intended Uses		
Recreation	30%	32%
Social Activity	24%	25%
Commute to Work	21%	17%
Top Reasons for Purchase*		
Fun to Drive	57%	55%
Exterior Styling	37%	40%
Vehicle Handling	25%	26%
Prestige Nameplate	23%	8%

* Totals equal more than 100% because owners could indicate more than one category.



CORVETTE BUYERS. Although Corvette appeals predominantly to men, it also has a loyal following of women, who account for 20% of sales each year.

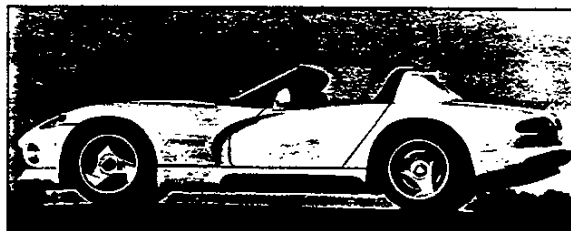
"It gives me confidence."



COMPETITIVE VEHICLES



Dodge Stealth R/T Turbo



Dodge Viper



Lexus SC400



Mazda RX-7



Nissan 300ZX Turbo



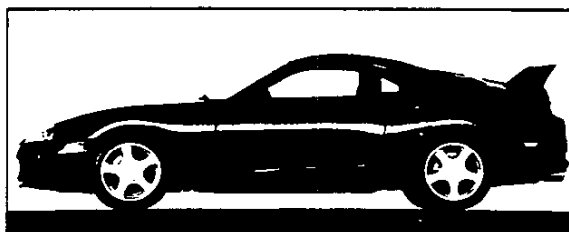
Porsche 911 Turbo



Porsche 968



Porsche 968 Cabriolet



Toyota Supra

1995 Competitive Specifications

	Corvette Convertible	Porsche 968 Cabriolet	Corvette ZR-1	Dodge Viper	Porsche 911 Turbo
EXTERIOR DIMENSIONS					
WHEELBASE (in.)	96.2	94.5	96.2	96.2	89.4
LENGTH (in.)	178.5	170.9	178.5	75.7	168.3
WIDTH (in.)	70.7	68.3	73.1	68.9	69.9
TREAD, FRONT (in.)	57.7	58.9	57.7	59.6	56.8
TREAD, REAR (in.)	59.0	61.2	60.6	60.8	58.6
ENGINE POWERTRAIN TYPE					
DISPLACEMENT	5.7L	3.0L	5.7L	8.0L	3.6L
BORE & STROKE (in.)	4.00 x 3.48	4.09 x 3.46	3.90 x 3.66	4.00 x 3.88	NA
FUEL DELIVERY	SFI	SFI	SFI	MFI	CFI
COMPRESSION RATIO (:1)	10.5	11.0	11.0	9.1	7.5
NET HORSEPOWER @ RPM	300 @ 5,000	236 @ 6,200	405 @ 5,800	400 @ 4,600	355 @ 5,500
NET TORQUE @ RPM	340 @ 3,600	225 @ 4,100	385 @ 5,200	480 @ 3,600	384 @ 4,200
FUEL CAPACITY (gal.)	20	19.6	20	22	20.8
TRANSMISSION (standard)	4AOD/6MOD	6MOD	6MOD	6MOD	5MOD
AXLE RATIO (standard)	2.59/3.45	3.78	3.45	3.07	NA
DRIVE SYSTEM	RWD	RWD	RWD	RWD	RWD
PERFORMANCE					
0-60 mph (Seconds)	NA	NA	5.2	4.5	4.4
1/4 MILE (Seconds)	NA	NA	13.6	13.2	12.7
BRAKING 60-0 mph (ft.)	NA	NA	117	129	120
LATERAL ACCELERATION (g)	NA	NA	0.92	0.97	0.90

The performance figures shown above were gathered from various periodicals. Use the above performance data as a guide; actual numbers may vary. Testing conducted on closed tracks with professional drivers. Do not attempt to duplicate.

CORVETTE MARKETING

1995 Competitive Specifications

	Corvette Coupe	Dodge * Stealth R/T Turbo	Lexus SC400	Mazda RX-7	Nissan 300ZX Turbo	Porsche 968	Toyota Supra
EXTERIOR DIMENSIONS							
WHEELBASE (in.)	96.2	97.2	105.9	95.5	96.5	94.5	100.4
LENGTH (in.)	178.5	180.3	191.1	168.5	169.5	170.9	177.7
WIDTH (in.)	70.7	72.4	70.5	68.9	70.5	68.3	71.3
TREAD, FRONT (in.)	57.7	61.4	59.8	57.5	58.9	58.2	59.9
TREAD, REAR (in.)	59.1	62.2	60.0	57.5	61.2	51.12	60.1
ENGINE POWERTRAIN TYPE	V8	V6	V8	RTRY	V6	I4	I6
DISPLACEMENT	5.7L	3.0L	4.0L	1.3L	3.0L	3.0L	3.0L
BORE & STROKE (in.)	4.00 x 3.48	3.59 x 2.99	3.44 x 3.25	NA	3.50 x 3.78	4.09 x 3.46	3.39 x 3.39
FUEL DELIVERY	SFI	MFI	MFI	MFI	MFI	SFI	MFI
COMPRESSION RATIO (:1)	10.5	8.0	10.0	9.0	8.5	11.0	8.5
NET HORSEPOWER @ RPM	300 @ 5,000	320 @ 6,000	250 @ 5,600	255 @ 6,500	300 @ 6,400	236 @ 6,200	320 @ 5,600
NET TORQUE @ RPM	340 @ 3,600	307 @ 2,500	260 @ 4,400	217 @ 5,500	283 @ 3,600	225 @ 4,100	315 @ 4,000
FUEL CAPACITY (gal.)	20	19.8	20.6	20.1	19.0	19.6	18.5
TRANSMISSION (standard)	4AOD/6MOD	5MOD	4AOD	5MOD	5MOD	6MOD	6MOD
AXLE RATIO (standard)	2.59/3.45	2.88	3.92	4.10	3.39	3.78	3.27
DRIVE SYSTEM	RWD	AWD	RWD	RWD	RWD	RWD	RWD
PERFORMANCE							
0-60 mph (Seconds)	5.4	5.5	6.8	5.3	5.6	5.9	5.2
1/4 MILE (Seconds)	14.0	14.0	15.3	14.1	14.2	14.6	13.8
BRAKING 70-0 mph (ft.)	176	156	163	161	175	167	160
LATERAL ACCELERATION (g)	0.89	0.99	0.85	0.93	0.89	0.91	0.95

The performance figures shown above were gathered from various periodicals. Use the above performance data as a guide; actual numbers may vary. Testing conducted on closed tracks with professional drivers. Do not attempt to duplicate.

* Joint-venture model of Chrysler and Mitsubishi. Also sold as Mitsubishi 3000GT.



COLLECTOR'S CARDS

Dear Card Collector,

Thank you for your interest in Collect-A-Card products. I hope you have had a chance to see the "Vette Set" trading cards since we began the distribution of them in July. We've received a lot of compliments on the cards for both the quality and the contents.

The "Vette Set" foil packs are packaged in packs of 10 cards. There are 100 cards in the set. Card # 100 will give you a checklist of all the cards.

The "Vette Set" Factory sets will begin shipping on November 1st. We are now taking orders on these sets as it will be a limited production. The Factory sets will include the original 100 cards PLUS 10 bonus cards, PLUS a hologram card of the Callaway Sledgehammer Corvette, PLUS a Snap-it Deluxe card holder, PLUS a "Vette Set" logo badge AND it will be packaged in a felt lined acrylic box. It will be really nice for gift-giving or to put away for investment purposes. The "Vette Set" is a three year project. Next Years "Vette Set" will still be just Corvettes but will be totally different. I'm sure you will want to collect the entire series.

Our newest product is the "Musclecar" card set. This 100 card collection, with 9 cards per pack, features the powerful big block vehicles of the 1964-1974 era. All major manufacturers are represented and all prominent models during that time frame are included. These cards will be available in foil packs ONLY which will begin shipping November 1st. Card #'s 50 and 100 are checklist cards.

We have several more projects on the drawing board which will be released after the first of the year. They will be similar in quality to their predecessors and equally as appealing. They will also be vehicular oriented.

ALL OF THE ABOVE PRODUCTS ARE AVAILABLE THROUGH YOUR LOCAL BASEBALL CARD & HOBBY SHOPS.

THE FOLLOWING ITEMS MAY BE ORDERED DIRECTLY FROM COLLECT-A-CARD CORPORATION.

1991 "Vette Set" factory sets.....\$35.00 plus \$3.50 S & H
"Musclecar" Prototypes (2).....\$ 2.00
22" X 34" "Musclecar" Poster.....\$ 3.50

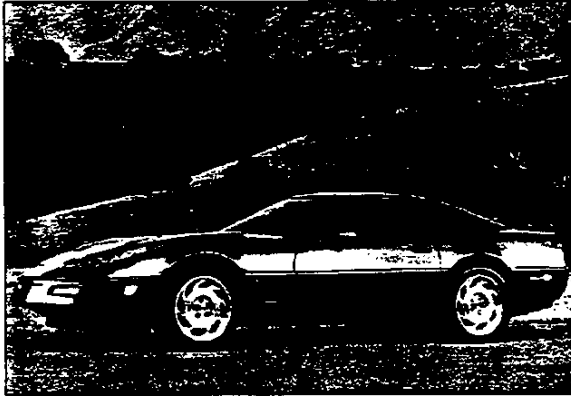
You may order by phone on your VISA/MC Toll Free: 1-800-243-7273

Make Checks Payable to Collect-A-Card Corp.
P. O. Box 17588
Greenville, S. C. 29606-8588

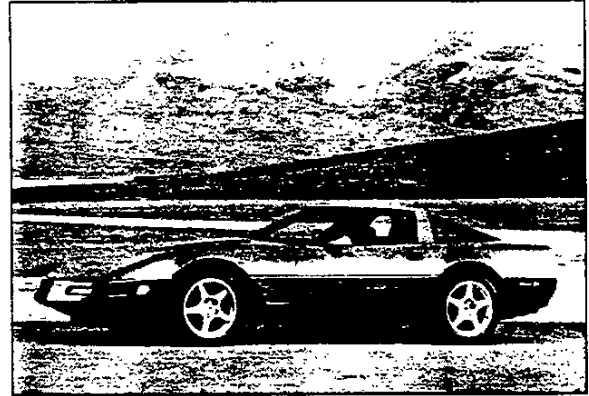


Photography Ordering Guide

Use this Ordering Guide to assist in your photography selection. Under each photo is a reference number that corresponds to the numbers listed on the Photo Ordering form, found in the tabbed section *Forms/Additional Information* in this package. Once preferred shot(s) have been selected, check the box next to the corresponding number on the Photo Ordering form. Follow the directions on the form to submit your photography order to Chevrolet/Geo Communications.



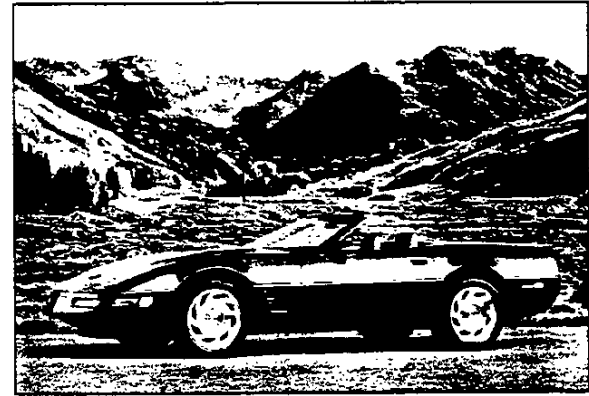
C7409-020 Corvette



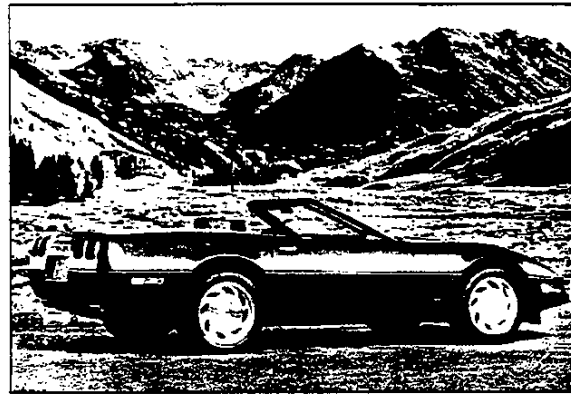
C7409-019 Corvette ZR-1 7/8 Front



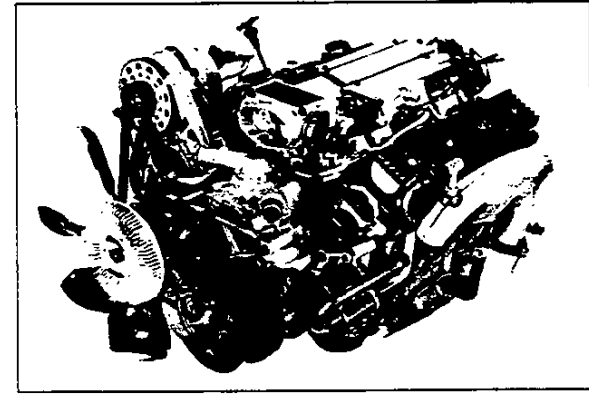
C7409-018 Corvette ZR-1 7/8 Rear



B7409-073 Corvette Convertible 3/4 Front



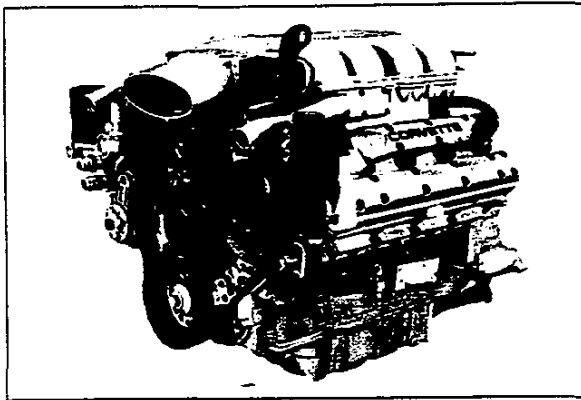
B7409-072 Corvette Convertible 3/4 Rear



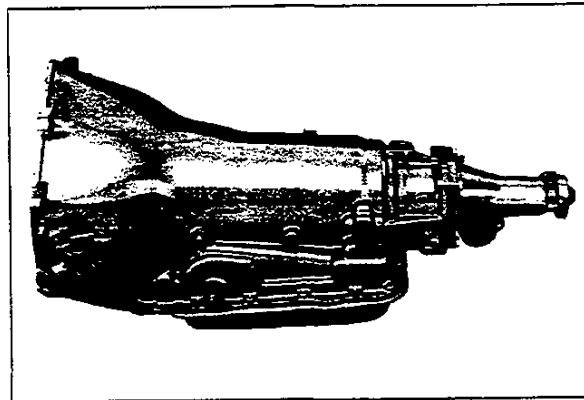
B7529-009 Corvette 5.7 Liter SFI V8
(LT1) Engine

Photography Ordering Guide

Use this Ordering Guide to assist in your photography selection. Under each photo is a reference number that corresponds to the numbers listed on the Photo Ordering form, found in the tabbed section *Forms/Additional Information* in this package. Once preferred shot(s) have been selected, check the box next to the corresponding number on the Photo Ordering form. Follow the directions on the form to submit your photography order to Chevrolet/Geo Communications.



B7529-034 Corvette 5.7 Liter DOHC V8
Engine (LT5)



B7529-050 Corvette 4-Speed Elec. Auto. Trans.
(4L60-E)

Specification Charts

1995 Chevrolet Corvette

Standard Equipment (continued):	
Additional ZR-1 Exterior Features:	
Engine	5.7 Liter DOHC V8
Suspension Package	Electronic Selective Ride & Handling
Tires	P275/40 ZR-17 Front P315/35 ZR-17 Rear Performance Tires
Wheels	17" x 9.5" Aluminum - Front 17" x 11" Aluminum - Rear
Additional ZR-1 Interior Features:	
Air Conditioning	Electronic Control
Seats	Power, Adjustable Sport Bucket w/Leather Seating Surfaces
Exterior Colors	
Dark Purple*	Polo Green II*
Arctic White	Competition Yellow
Admiral Blue*	Torch Red
Black	Dark Red*
Bright Aqua*	* Metallic Paint

Dimensions (inches unless otherwise noted)			
	Coupe	Convertible	ZR-1
Length	178.5	178.5	178.5
Width	70.7	70.7	73.1
Height	46.3	47.3	46.3
Wheelbase	96.2	96.2	96.2
Front Tread	57.7	57.7	57.7
Rear Tread	59.1	59.1	60.6
Min. Run Ground Clearance			
	4.2	3.6	4.2
Front Overhang	41.6	41.6	41.6
Rear Overhang	40.7	40.7	40.7
Interior Front:			
Leg Room	42.0	42.0	42.0
Head Room	36.5	37.0	36.5
Shoulder Room	53.9	53.9	53.9
Hip Room	49.3	49.3	49.3
Passengers:			
Front	2	2	2
Rear	0	0	0
Volume (cu. ft.):			
Passenger Index	N/A	N/A	N/A
Cargo Index	12.6	6.6	12.6
EPA Interior Index	N/A	N/A	N/A
Fuel Tank (gal.)	20.0	20.0	20.0
Est. Curb Weight (lbs.)	3203	3360	3512

All specifications are preliminary and subject to change.
Chevrolet Motor Division, June 10, 1994.



SECTION 0A

GENERAL INFORMATION

CONTENTS

General Information.....	Section 0A	Assembling and Coding Lock Cylinders	0A-8
Maintenance and Lubrication.....	Section 0B	All Lock Cylinders Except Console Door, Right	
Supplemental Inflatable Restraint (SIR) Handling	0A-1	Storage Compartment and Full Engine	
When to Disconnect the Negative Battery Cable.	0A-1	Power.....	0A-8
Handling Electrostatic Discharge (ESD) Sensitive		Console Door and Rear Storage compartment Lock	
Parts	0A-2	Cylinder	0A-9
Special Tool Ordering Information.....	0A-2	Metric Fasteners	0A-9
Vehicle Identification Number Plate.....	0A-2	Fastener Strength Identification	0A-10
Removable Roof Panel VIN Identification	0A-3	Prevailing Torque Fasteners.....	0A-10
Engine Identification	0A-3	Recommendations for Reuse	0A-10
Transmission Identification.....	0A-5	Replacement Labels.....	0A-11
General Vehicle Lifting and Jacking.....	0A-5	Production and Process Codes.....	0A-12
Rear Spindle Support Protector Sleeve	0A-7	Service Part Identification Label.....	0A-14
Lock Cylinder Coding.....	0A-7	English/SI Metric Conversion Table.....	0A-14
Key Identificaton and Usage	0A-7	Decimal and Metric Equivalents	0A-14
Cutting Keys.....	0A-7	Abbreviations Chart.....	0A-14
Replacement Lock Cylinders.....	0A-8	Standard Nomenclature	0A-18
Door and Rear Storage Compartment.....	0A-8		

SUPPLEMENTAL INFLATABLE RESTRAINT (SIR) HANDLING

CAUTION: This vehicle is equipped with Supplemental Inflatable Restraint (SIR). Refer to CAUTIONS in Section 9J under "ON-VEHICLE SERVICE" and the SIR Component and Wiring Location view in Section 9J before performing service on or around SIR components or wiring. Failure to follow CAUTIONS could result in possible air bag deployment, personal injury, or otherwise unneeded SIR system repairs.

SIR identification includes:

- INFL REST warning light on driver information center.
- A code "3" is the seventh digit of vehicle identification number.....0A-18

WHEN TO DISCONNECT THE NEGATIVE BATTERY CABLE

CAUTION: Before removing or installing any electrical unit or when a tool or equipment could easily come in contact with "live" exposed electrical terminals, disconnect the negative battery cable to help prevent personal injury and/or damage to the vehicle or components. Unless instructed otherwise, the ignition switch must be in the "OFF" or "LOCK" position.

HANDLING ELECTROSTATIC DISCHARGE (ESD) SENSITIVE PARTS

Many solid state electrical components can be damaged by Electrostatic Discharge (ESD). Some will display a label as shown in Figure 1 but many will not.

NOTICE: In order to avoid possibly damaging any components, observe the following:

1. Body movement produces an electrostatic charge. To discharge personal static electricity, touch a ground point (metal) on the vehicle.

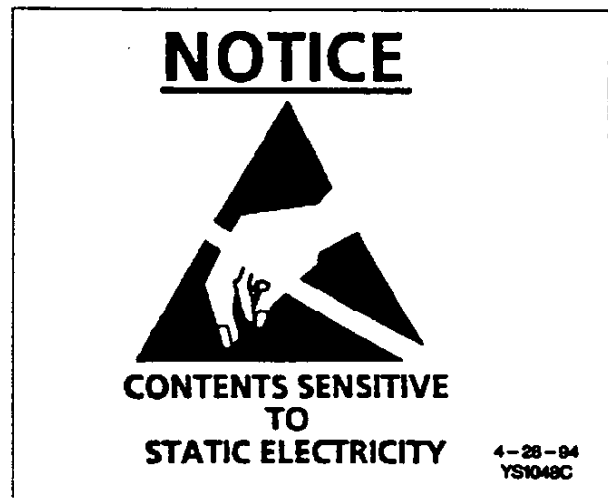


Figure 1 - Electrostatic Discharge Sensitive Parts Label

0A-2 GENERAL INFORMATION

This should be done any time you:

- Slide across the vehicle seat.
 - Sit down or get up.
 - Do any walking.
2. Do not touch exposed electric terminals on components or connectors with your fingers or any tools. Remember the connector you are checking might be tied into a circuit that could be damaged by electrostatic discharge.
 3. When using a screwdriver or similar tool to disconnect a connector, never let the tool come in contact with or come between the exposed terminals.
 4. Never jumper, ground or use test equipment probes on any components or connectors unless specified in diagnosis. When using test equipment, always connect the ground lead first.
 5. Do not remove the solid state component from its protective packaging until you are ready to install the part.
 6. Always touch the solid state component's package to a ground before opening. Solid state components can also be damaged if:
 - They are bumped or dropped.
 - They are laid on any metal work benches or components that operated electrically, such as a radio, TV or oscilloscope.

SPECIAL TOOL ORDERING INFORMATION

Special service tools that are shown in this service manual that have tool product numbers beginning with "J" or "BT" are available for world wide distribution from:

Kent-Moore SPX Corporation
29784 Little Mack
Roseville, MI 48066-2298
1-800-345-2233
Mon.-Fri. 8:00 a.m. - 8:00 p.m. EST Telex:
244040KMTR UR
FAX: 313-578-7375

General Motors dealers can purchase Tech 1 scan tools and accessories through Kent-Moore at the above address and phone number. Non-General Motors dealer repair facilities can purchase Tech 1 scan tools and accessories from Kent-Moore at the above address or:

Sun Electric Corporation
One Sun Parkway
Crystal Lake, IL 60014
1-800-CALL SUN (255-5768) 6:45 a.m. - 7:00 p.m. CST.

VEHICLE IDENTIFICATION NUMBER PLATE

The Vehicle Identification Number (VIN) plate (Figure 2) is the legal identifier of the vehicle.

The plate is located on the left upper corner of the instrument panel and can be seen through the windshield from outside the vehicle. Figure 3 identifies the numbers and letters that appear on the plate.

The last five digits of the plant sequential number are also stamped into the rear side of the front cross bar tie. This number is the same as the last five digits of the VIN. This plate also has bar code characteristics.

REMOVABLE ROOF PANEL (PLASTIC) VIN IDENTIFICATION

A VIN identification is stamped on the left or right front of the roof panel frame. The numbers are similar to the VIN plate (Figure 3):

- 1=Chevrolet division (VIN#3)
- S=1995 model year (VIN#10)
- 5=Bowling Green manufacture (VIN#11)

Position four through nine represent the assembly plant sequential number for the vehicle.

ENGINE IDENTIFICATION

The engine code letter is the eighth digit on the vehicle identification number (Figure 3) which identifies the engines as a 5.7L V8 (VIN P) (RPO LT1) or 5.7L V8 (VIN J) (RPO LT5).

Stick-on labels attached to the engine, laser etching, or stampings in the engine block, indicate the engine unit number or build date code.

The engine is stamped with a partial vehicle identification number (Figures 4 or 5). The stamping contains nine positions:

- Position one is the GM division identifier: 1 = Chevrolet
- Position two is the model year: S = 1995
- Position three is the Corvette assembly plant code: 5 = Bowling Green, KY
- Positions four through nine represent the assembly plant sequential number for the vehicle.

TRANSMISSION IDENTIFICATION

Figures 6 and 7

The identification label for the ZF S6-40 6-speed manual transmission (Figure 6) is located on the left side of the transmission case.

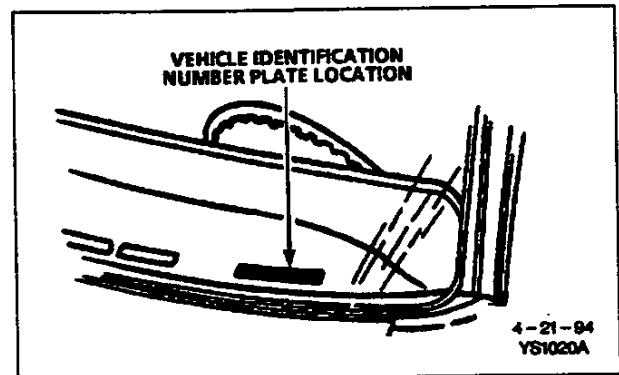


Figure 2 - Vehicle Identification Number Plate Location

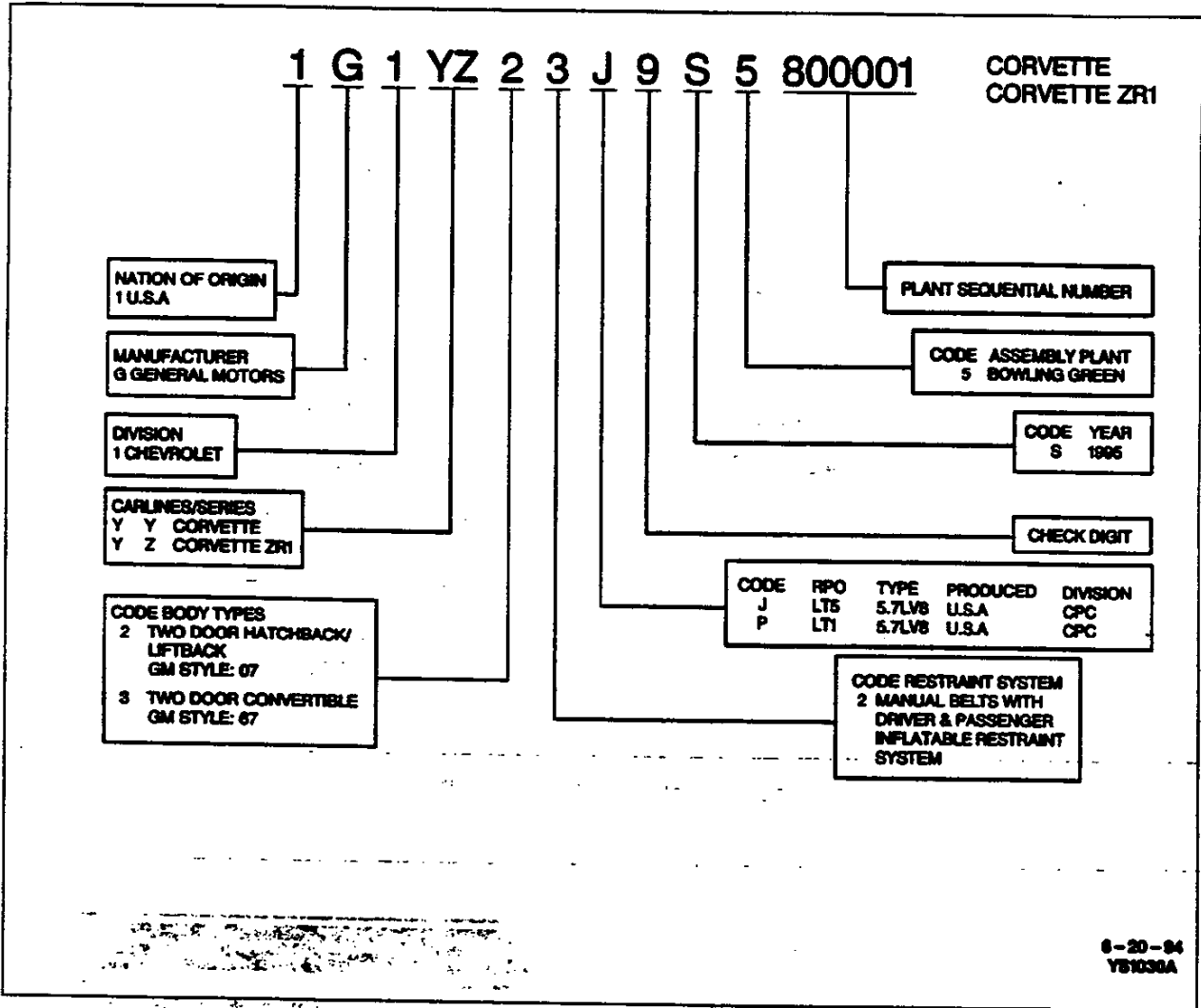


Figure 3 - Vehicle Identification Number Chart

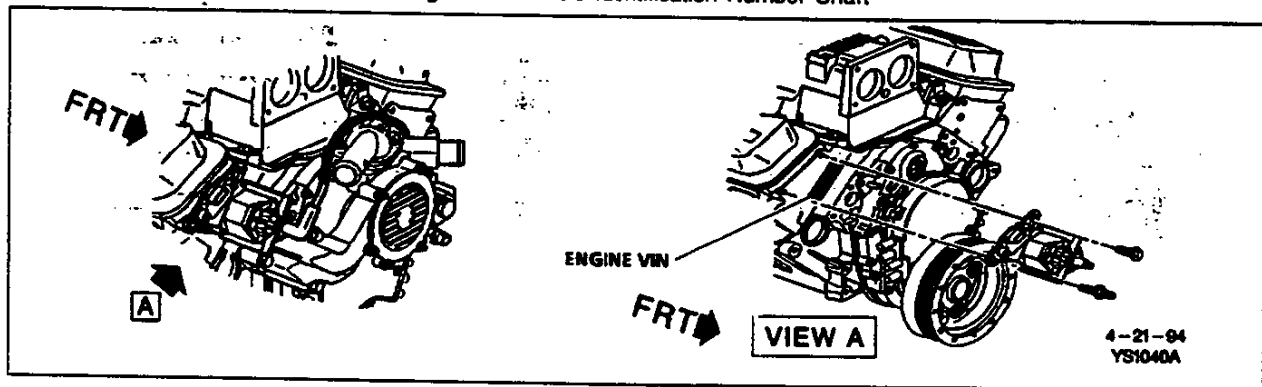


Figure 4 - Engine Identification - VIN P

0A-4 GENERAL INFORMATION

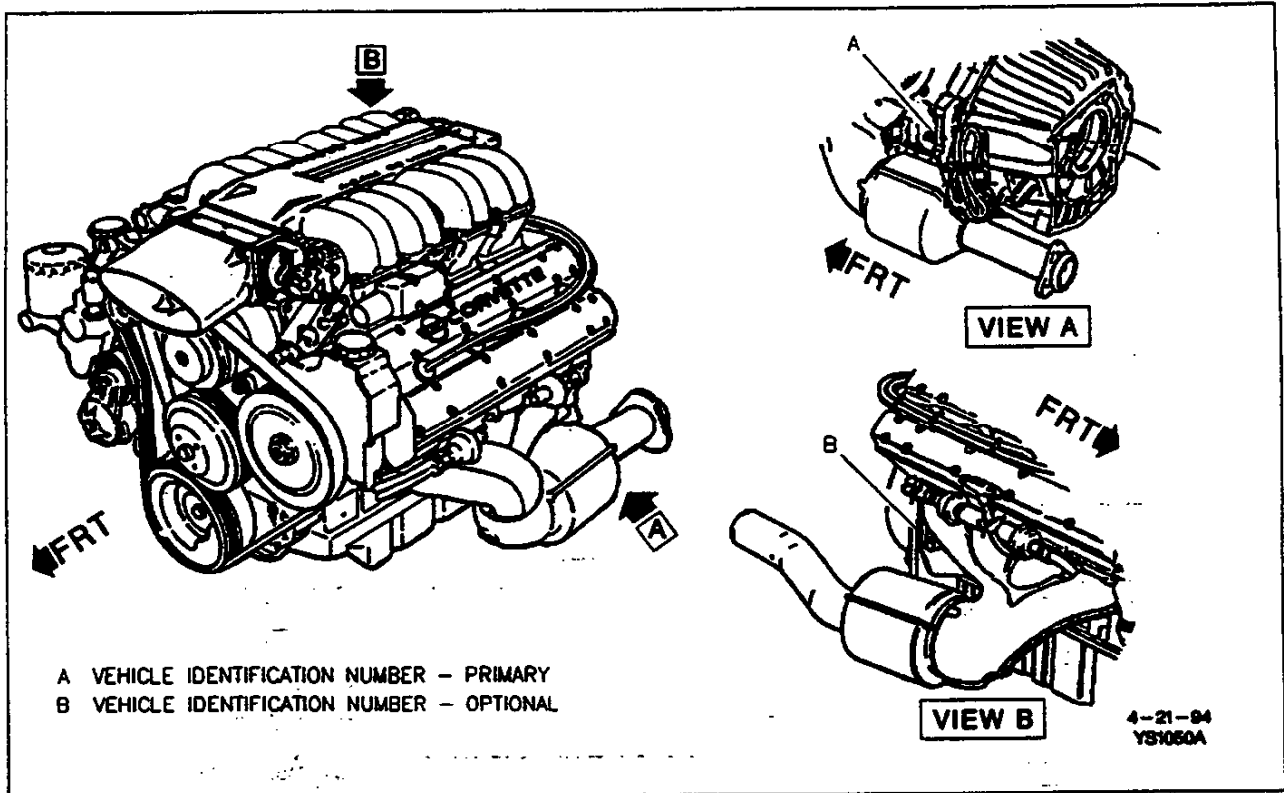


Figure 5 - Engine Identification - VIN J

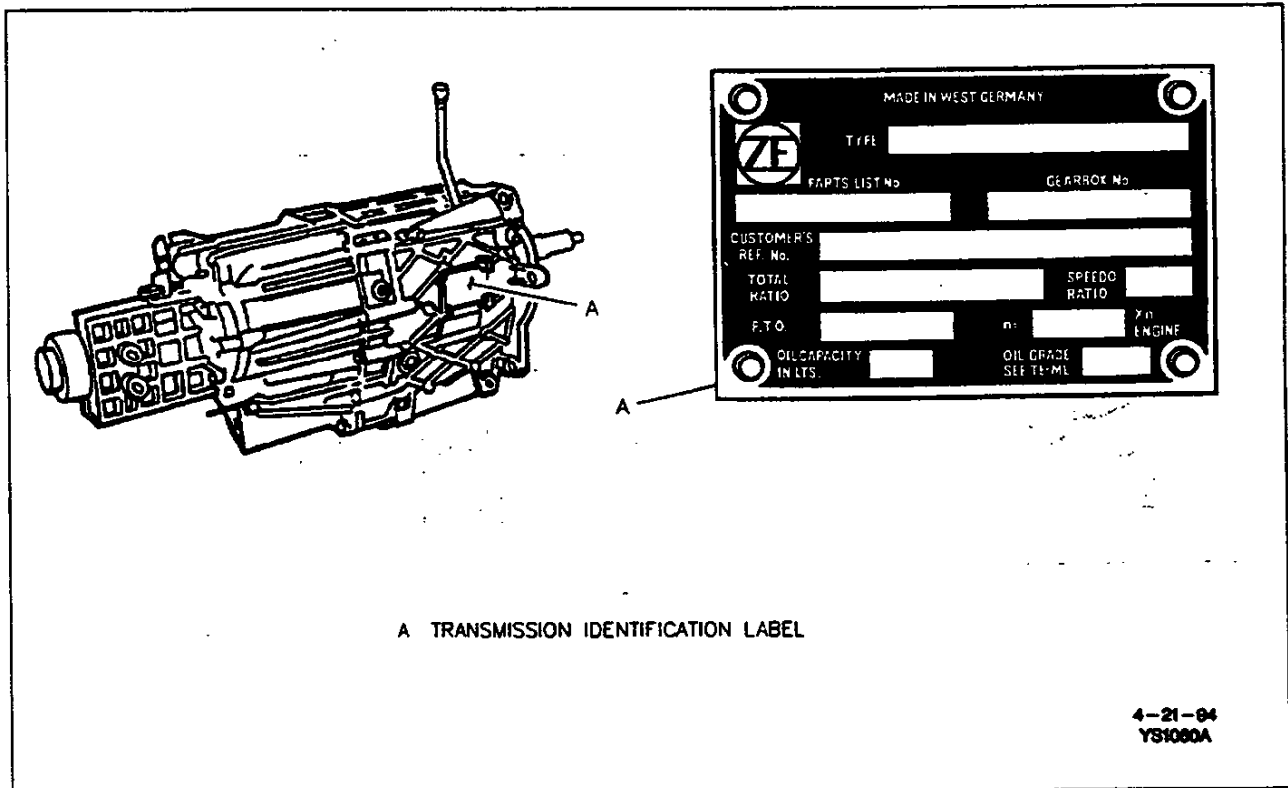


Figure 6 - Manual Transmission Identification

0A-6 GENERAL INFORMATION

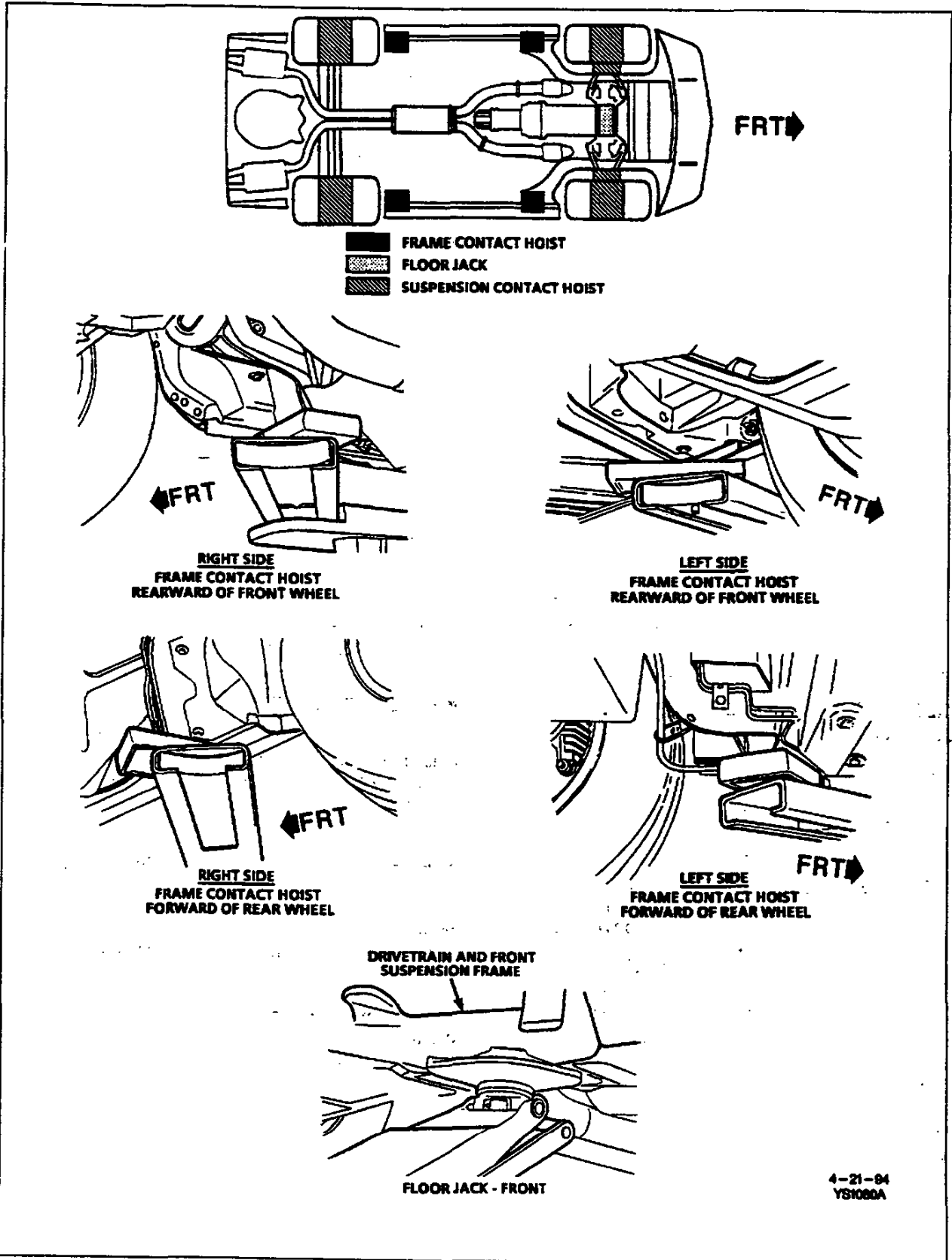


Figure 8 - Vehicle Lift Points (1 of 2)

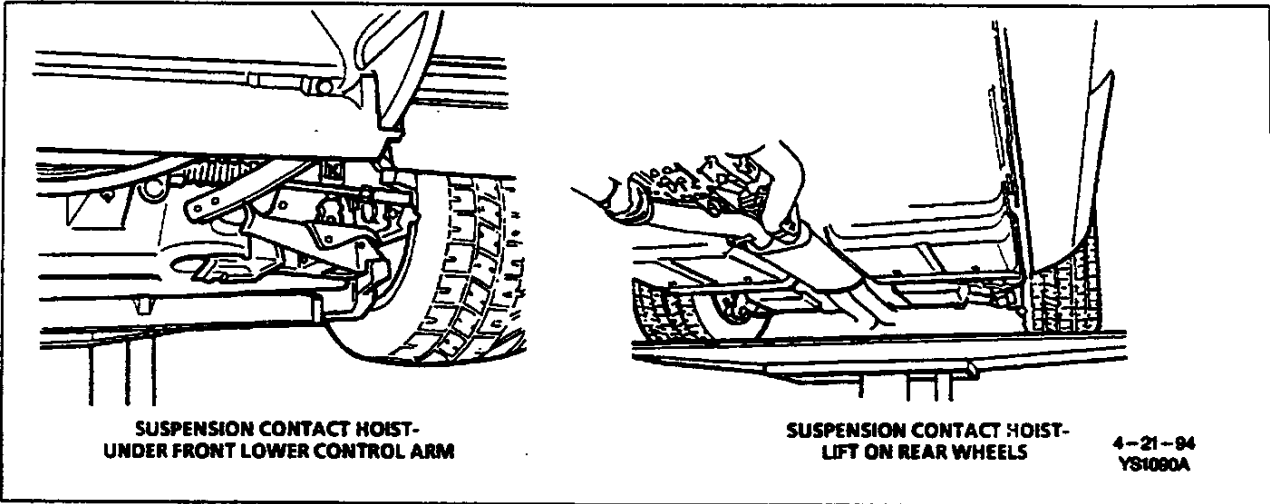


Figure 9 - Vehicle Lift Points (2 of 2)

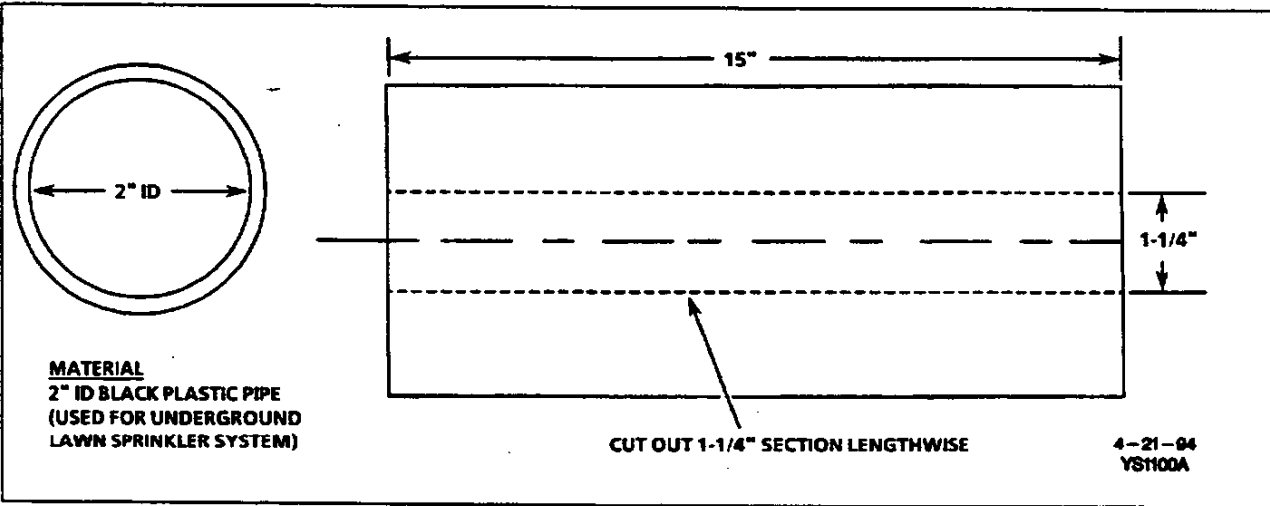


Figure 10 - Support Rod Protector Sleeve

NOTICE: The mechanical code for the ignition lock cylinder (square key) must be cut on a special key blank designed for use in the Personalized Automotive Security System (PASS-Key®). If all PASS-Key® ignition keys are lost or the ignition lock cylinder or PASS-Key® decoder module is replaced, all PASS-Key® ignition keys should be replaced. Refer to SECTION 8A for diagnosis. Refer to SECTION 9D for service.

The engine power key (Coupe - ZR1) is a special square-head key that is used to operate the engine power switch located on the console. Refer to SECTION 8C for service information and SECTION 8A for diagnosis.

CUTTING KEYS

Figure 11

After the code has been determined from the code list or the key code diagram, cut a blank key to the proper level of each of the six tumbler positions, and check key operation in lock cylinder.

REPLACEMENT LOCK CYLINDERS

Door and Rear Storage Compartment

New lock cylinders, other than ignition lock cylinders, are available from the service parts warehouse with new lock cylinder locking bars. Tumblers are also available and must be assembled into cylinder as outlined below.

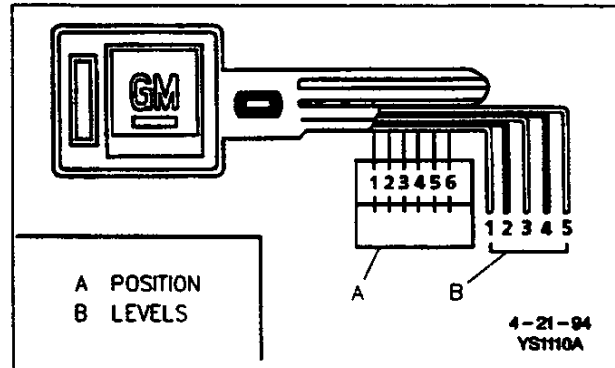


Figure 11 - Key Code Diagram

0A-8 GENERAL INFORMATION

ASSEMBLING AND CODING LOCK CYLINDERS

All Lock Cylinders Except Console Door, Right Rear Storage Compartment, and Full Engine Power

Figures 12 through 15

Tumblers for all locks, are shaped alike with the exception of a notched position on one side. As key is inserted in lock cylinder, tumblers are lowered to correct height so that notches on each tumbler are at the same level. When the notches on all six tumblers line up, the side bar is pushed into the notches by two small springs; thus allowing cylinder to turn in its bore. five types of tumblers are used to make various lock tumbler combinations and each is coded according to a number 1 through 5, stamped on its side.

1. Find lock cylinder tumbler numbers and tumbler arrangement by use of numerical key code lock cylinder code list. Code lists are made available to owners of key cutting equipment by equipment suppliers. If code list is not available, proceed as follows:

A. Lay key on the key code diagram with key outlined by diagram.
B. Starting at head of key blade, find and record lowest level (tumbler number) that is visible in position number 1 and subsequent position number 2 through 6. After tumbler numbers and arrangement have been determined, assemble as follows:

2. Starting at open end (head) of cylinder, insert tumblers in their proper slots in the order called by the code.
3. Pull out side bar with fingers so that tumblers will drop completely into place.

NOTICE: If the springs become tangled, do not pull them apart. Unscrew them or they may be damaged. Insert one tumbler spring in space provided above each number.

4. Insert spring retainer so the two end prongs slide into the slots at either end of cylinder and press retainer down. If tumblers have not been assembled correctly, they can be removed from cylinder by holding cylinder with tumbler slots down, pulling side bar out with fingers and jarring cylinder to shake tumblers out. This procedure is necessary because once the tumblers have been pressed down into the cylinder they are held in their slots by the side bar.
5. To check if tumblers have been installed properly insert key into lock cylinder. If tumblers are installed properly, the side bar will drop down. If bar does not drop down, remove key, spring retainer, springs and tumblers and reassemble.

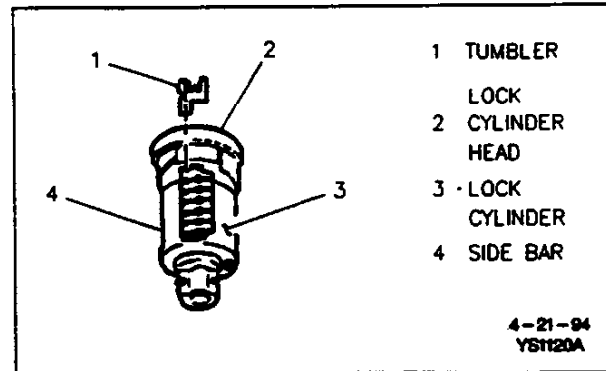


Figure 12 - Lock Cylinder Components

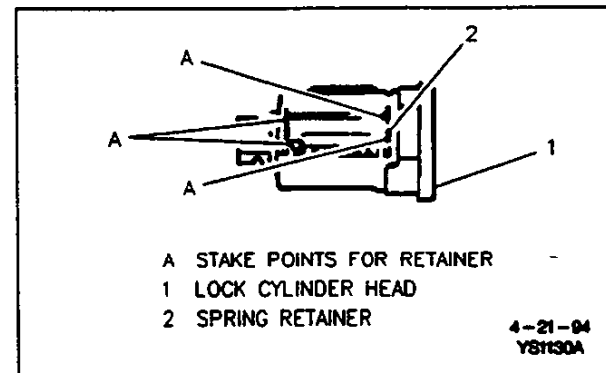


Figure 13 - Installing Spring Retainer

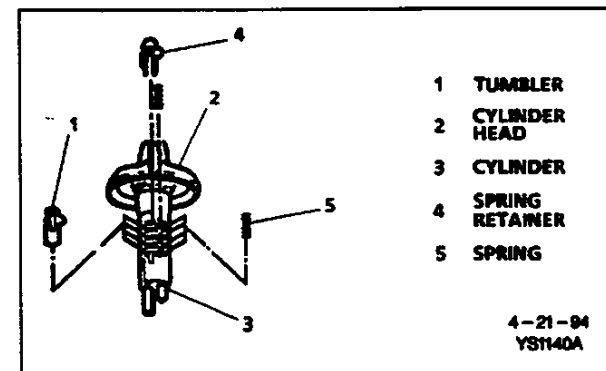


Figure 14 - Installing Tumblers

NOTICE: Use leather or wood at each vise jaw to prevent damage to cylinder.

6. If lock cylinder is assembled properly, remove key and secure cylinder in a vise with spring retainer exposed.
7. Using suitable staking tool, stake spring retainer securely in place by staking cylinder metal over retainer at each end.
8. Lubricate cylinder with a multipurpose lubricant GM part number 12345120 or synthetic SAE 5W30 engine oil.

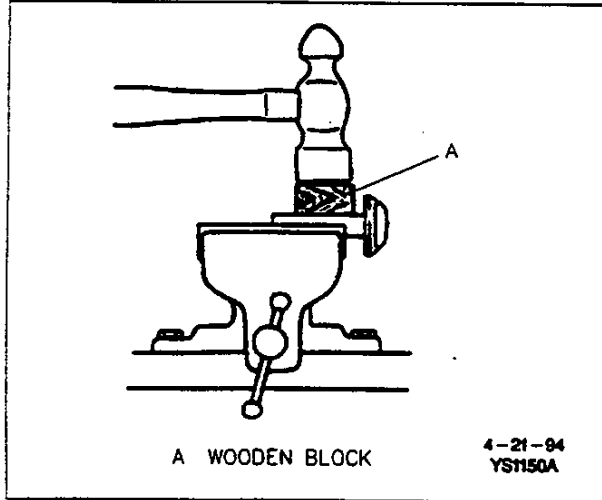


Figure 15 - Locking Tumblers in Place

Console Door and Rear Storage Compartment Lock Cylinder

The lock cylinder has four or five snap in tumblers. The number 1 or 2 position (closest to cylinder head) is a brass retainer tumbler. The 2 through 5 positions or 3 through 5 positions are standard tumbler positions depending upon cylinder type. Therefore, only these tumbler combinations are required.

Assemble

- Determine tumbler numbers and arrangement as previously described and install tumblers.

METRIC FASTENERS

Figures 16 and 17

The Corvette is primarily dimensioned in the metric system. Most metric fasteners are very close in dimension to well-known fasteners in the inch system. It is important that replacement fasteners be of the correct nominal diameter, thread pitch and strength.

Original equipment metric fasteners (except cross-recess head screws) are identified by a number marking which indicates the strength of the material in the fastener. Metric cross-recess screws are identified

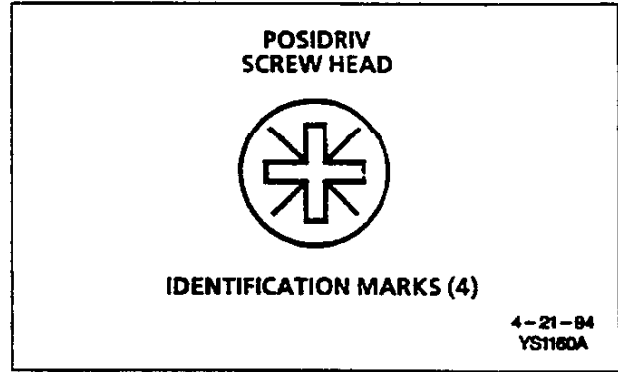


Figure 16 - Cross-Recess Screw

by a Posidriv or Type 1A cross-recess. For best results, use a Type 1A cross-recess screwdriver, or equivalent, in Posidriv recess head screws.

NOTICE: Most metric fasteners have a blue color coating. However, this should not be used as positive identification as some metric fasteners are not colored coded.

"General Motors Engineering Standards," along with "North American Industries," have adopted a portion of the standard metric fastener sizes defined by ISO (International Standards Organization). This was done to reduce the number of fastener sizes used, and yet retain the best strength qualities in each thread size. For example, the English 1/4-20 and 1/4-28 screws are replaced by the metric M6.0 X 1 screw, which has nearly the same diameter and 25.4 threads per inch. The thread pitch is in between the English coarse and fine thread pitches.

Metric and English thread notation differ slightly. The difference is shown in Figure 17.

FASTENER STRENGTH IDENTIFICATION

Figure 18

The most commonly used metric fastener strength property classes are 9.8 and 10.9, with the class identification being embossed on the head of each bolt. English (inch) strength classes range from grade 2 to grade 8. the number of markings is two lines less than the actual grade (i.e., grade 8 bolt will exhibit 6 embossed radial lines on the bolt head).

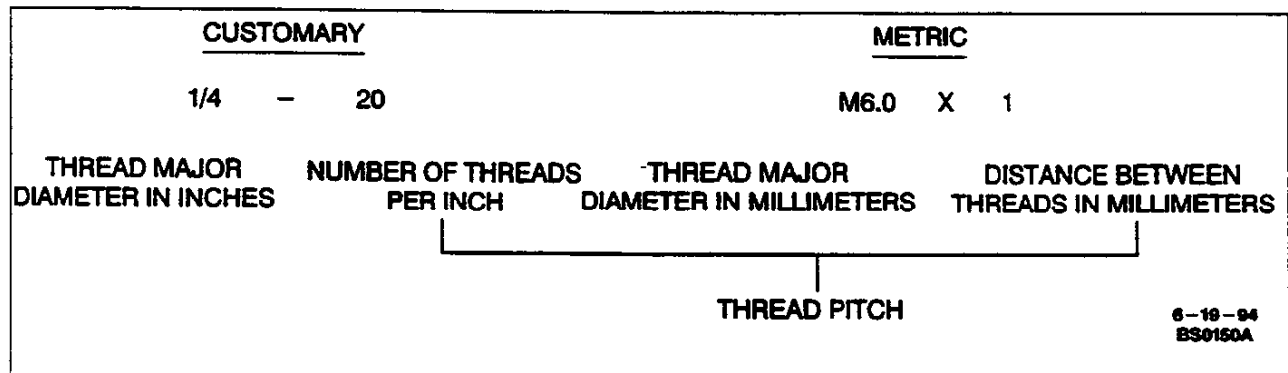


Figure 17 - Thread Notation

0A-10 GENERAL INFORMATION

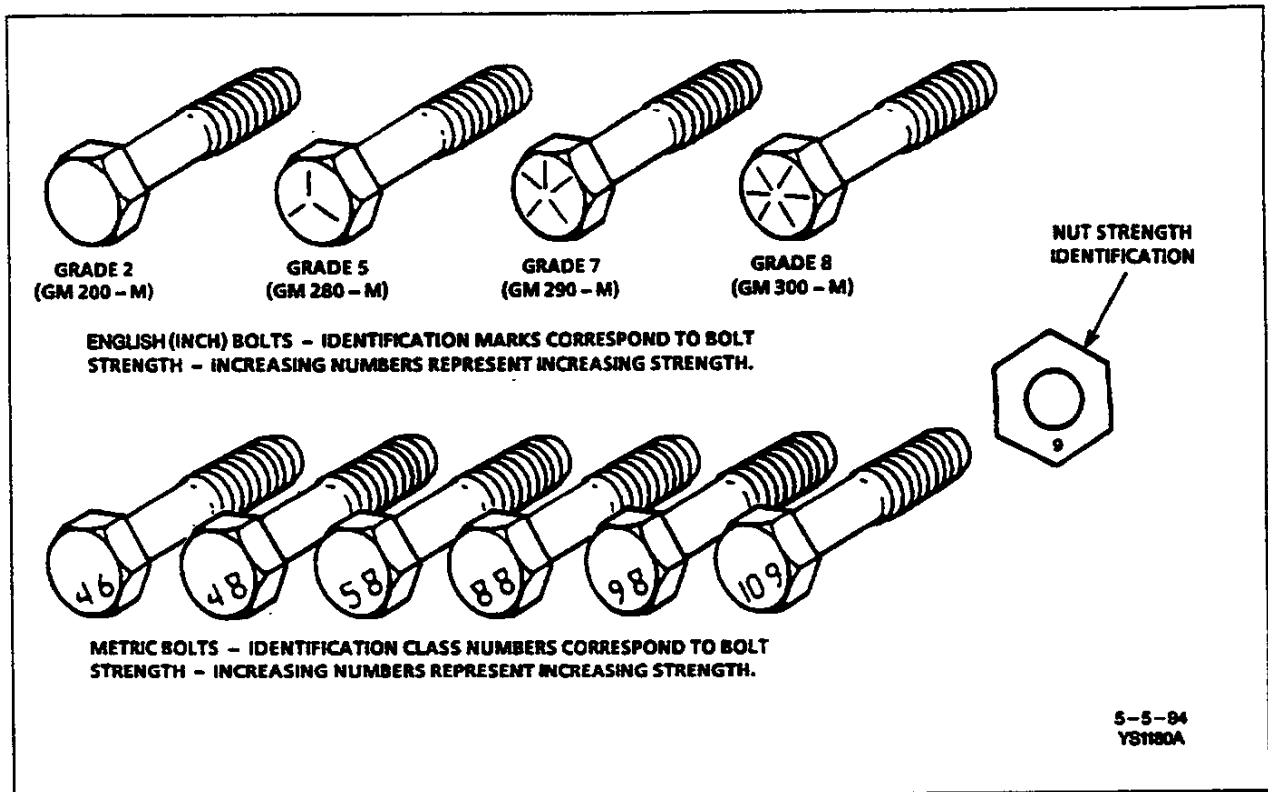


Figure 18 - Fastener Strength Markings

Some metric nuts will be marked with single digit strength identification numbers on the nut face.

When replacing metric fasteners, be careful to use bolts and nuts of equal strength as the original (the same number marking). It is also important to select replacement fasteners of the correct size. Correct replacement bolts and nuts are available through GM-SPO. Many metric fasteners available in the aftermarket parts channels were designed to metric standards of countries other than the United States and may be of a lower strength, may not have the numbered head marking system, and may be of different thread pitch. The metric fasteners used on GM products are designed to new, international standards that may not yet be manufactured by some non-domestic bolt and nut suppliers. In general, except for special applications, the common sizes and pitches are: M 6.0 X 1, M 8 X 1.25, M 10 X 1.5, and M 12 X 1.75.

PREVAILING TORQUE FASTENERS

A prevailing torque nut is designed to develop an interference between the nut and bolt threads. This is most often accomplished by distortion of the top of an all metal nut, or by using a nylon patch on threads in the middle of the hex flat. A nylon insert may also be used as a method of interference between nut and bolt threads (Figure 19).

A prevailing torque bolt is designed to develop an interference between bolt and nut threads, or the treads of a tapped hole. This is accomplished by distorting some of the threads, or by using a nylon patch or adhesive.

Recommendations For Reuse

1. Clean, unruined prevailing torque nuts and bolts may be reused as follows:
 - A. Clean dirt and other foreign material from nut or bolt.
 - B. Inspect nut or bolt to assure there are no cracks, elongation, or other signs of abuse or overtightening. (If there is any doubt, replace with a new prevailing torque fastener of equal strength.)
 - C. Assemble parts and hand start nut or bolt.

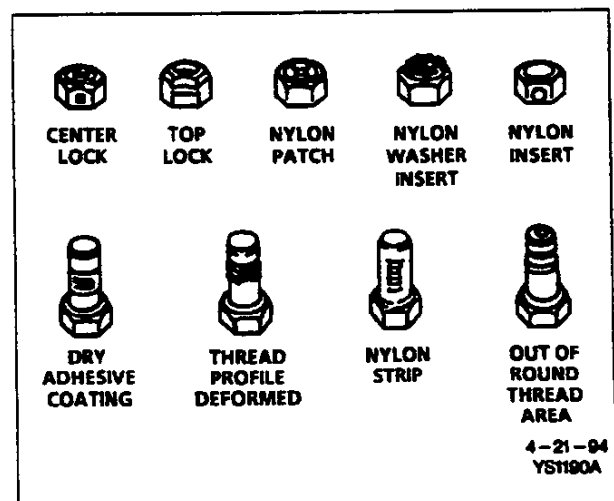


Figure 19 - Prevailing Torque and Nuts and Bolts

FASTENER TYPE	TORQUE UNITS	METRIC-SIZE FASTENERS							
		6	6.3	8	10	12	14	16	20
Nuts and All Metal Bolts/Screws	N•m	0.4	0.4	0.8	1.4	2.2	3.0	4.2	7.0
	Lb. In.	4	4	7	12	19	27	37	62
Adhesive or Nylon Coated Bolts/Screws	N•m	0.4	0.4	0.6	1.2	1.6	2.4	3.4	5.6
	Lb. In.	4	4	5	11	14	21	30	50
FASTENER TYPE	TORQUE UNITS	INCH-SIZE FASTENERS							
		.250	.312	.375	.437	.500	.562	.625	.750
Nuts and All Metal Bolts/Screws	N•m	0.4	0.6	1.4	1.8	2.4	3.2	4.2	6.2
	Lb. In.	4	5	12	16	21	28	37	55
Adhesive or Nylon Coated Bolts/Screws	N•m	0.4	0.6	1.0	1.4	1.8	2.6	3.4	5.2
	Lb. In.	4	5	9	12	16	23	30	49

6-26-84
Y81200A

Figure 20 - Prevailing Torque Chart

- D. Observe that, before faster seats, it develops torque per the chart in Figure 20. (If there is any doubt, replace with a new prevailing torque fastener of equal strength.)
 - E. Tighten fastener to torque specified in appropriate section of this manual.
2. Bolts and nuts which are rusty or damaged should be replaced with new parts of equal strength.

REPLACEMENT LABELS

Replacement labels are available through GM Service Parts Operations for the following:

- Vehicle Emission Control Information (Exhaust Emission Tune Up).
- Spare Wheel Caution.
- Jacking.
- Spare Tire Storage.
- Serpentine Belt Routing (when a separate label).
- Engine Fan Caution.
- Jump Start.
- Odometer Reset

These and other labels will be found in the Standard Parts Catalog.

The Vehicle Certification Label, Tire Pressure Placard and Service Parts Identification Label are not available as service parts.

PRODUCTION AND PROCESS CODES

The production and process codes provide the description of the Regular Production Options (RPO) used on a Corvette. The RPO list is also printed on the Service Parts Identification Label. The following is a list of regular production options and description:

- | RPO | Description |
|-----|---|
| AG1 | Driver 6-Way Power Seat Adjuster |
| AG2 | Passenger 6-Way Power Seat Adjuster |
| AK5 | Driver and Passenger Front Seat Inflatable Restraint System |
| AQ9 | Passenger/Driver Reclining Seat |
| AR9 | European Style Reclining Seat |
| CC2 | Auxiliary Roof (Convertible) |

- | | |
|-----|--|
| CC3 | Removable Panel (Plastic) |
| CF7 | Removable (nontransparent) sun roof |
| C2L | Removable Roof Package (consists of CF7 and CC3) |
| C60 | Manual control Air Conditioning |
| C68 | Electronic Control Air Conditioning |
| DC8 | Remote Control Electric LH & RH Outside Mirror |
| DL8 | LH/RH Heated Sport Mirrors |
| FE1 | Soft Ride Suspension |
| FE7 | Heavy Duty Suspension |
| FE9 | Federal emission Certification |
| FX3 | Electronic Ride & Handling |
| GM1 | 2.59 Ratio Rear Axle |
| GM3 | 3.45 Ratio Rear Axle |
| GT7 | 3.33 Ratio Rear Axle |
| G44 | 3.07 Ratio Rear Axle |
| G92 | Performance Ratio Rear Axle |
| G95 | Economy Rear Axle |
| J55 | Heavy Duty Brakes |
| KG9 | 140 Amp Generator |
| KW2 | 124 Amp Generator |
| KO5 | Engine Coolant Heater (Canada only) |
| LT1 | 8-Cylinder, 5.7L (VIN P) Engine |
| LT5 | 8-Cylinder 5.7L (VIN J) Engine |
| ML9 | ZF 6-Speed Manual Transmission |
| M30 | Automatic 4-Speed 4L60-E Transmission |
| NA5 | Federal Emission System |
| NB2 | California Emission System |
| NK4 | Sport Leather Steering Wheel |
| N84 | Spare Tire Delete |
| QA0 | 17 X 8.5 Aluminum Styled Wheel |
| QA1 | 17 X 9.5 Rear Aluminum Styled Wheel |
| QA2 | 17 X 9.5 Front and 17 X .11 Rear Aluminum Styled Wheel. |
| QB6 | 17 X 8.5 Front and 17 X 9.5 Rear Aluminum Styled Wheel |
| T61 | Day time Running Lighting |
| UJ6 | Low Tire Pressure Indicator |
| UM6 | AM/FM Stereo, Seek/Scan, Auto Reverse Cassette, Clock, ETR Radio |
| UU8 | AM/FM Stereo , Cassette, Seek/Scan Auto Reverse Music Search, HPS, Clock ETR Radio |

0A-12 GENERAL INFORMATION

UXO	Dual Floor Sill and Dual Extended Range 6 Speaker System
UY5	Dual Floor sill and Dual Extended Range 4 Speaker System
UIF	AM/FM Stereo, Seek/Scan, Auto Reverse Music Search Cassette, Compact Disc, HPS, Clock and ETR Radio
U19	Kilometers and Miles Cluster
U52	Electronic Instrument Cluster
U75	Power Antenna
WY5	Extended Mobility Tire (EMT) Performance Package
XAA	Front Tire (P255/45ZR17)
XAU	Front Tire (P275/40ZR17)
XFR	Front Tire (P255/45ZR17, EMT)
YAA	Rear Tire (P285/40ZR17)
YAU	Rear Tire (P275/40ZR17)
YBE	Rear Tire (P315/35ZR17)
YFR	Rear Tire (P255/45 ZR17 EMT)
YFS	Rear Tire (P285/40ZR17, EMT)
Z07	Aggressive Sport Package
ZR1	Special Performance Coupe Package
O5U	Cyclamen External Color
10U	Artic White Exterior Color
14I	Light Gray Interior Trim
143	Light Gray Leather Trim
16T	Artic White Vinyl Top
19I	Black Interior Trim
193	Black Leather Trim
24S	Blue Removable Panel Roof
28U	Dark Cloison Blue Metallic Exterior Color
34T	Beige Cloth Top
41T	Black Cloth Top
41U	Black Exterior Color
43U	Bright Aqua Metallic Exterior Color
45U	Medium Green pearl Exterior color
53U	Competition Yellow Exterior Color
64I	Light Beige Interior Trim
643	Light Beige Leather Trim
64S	Bronze Removable Panel Roof
70I	Torch Red Interior Trim
70U	Torch Red Exterior Color
703	Torch Red Leather Trim CB
75U	Brilliant Red Metallic Exterior Color

SERVICE PARTS IDENTIFICATION LABEL

The Service Parts Identification Label (Figure 21) has been developed to aid service and parts personnel in identifying parts, production and process codes. The label also identifies the vehicle identification number, body type style, type of paint, paint color codes and trim combination. The table is located behind the passenger seat on the inside of the rear floor storage compartment.

ENGLISH METRIC CONVERSION TABLE

Figure 22 provides a conversion table. Divide metric number by conversion number to get English equivalent number. To convert temperature degrees Celsius to degrees Fahrenheit, multiply Celsius number by 1.8 and add 32.

DECIMAL AND METRIC EQUIVALENTS

Refer to Figure 23 for equivalent of fractions to decimal in inches to metric in millimeters.

ABBREVIATIONS, ACRONYMS, AND SYMBOLS CHART

Refer to Figure 24 for the abbreviation of-words used in this manual.

STANDARD NOMENCLATURE

Starting with the 1993 model year, General Motors complied with the Society of Automotive Engineers (SAE) recommended Electrical/Electronic Systems Diagnostic Terms, Definitions, Abbreviations and Acronyms SAE J1930. SAE J1930 is an industry wide standard that was adopted into government regulations and requires certain electrical and electronic components and systems to be known by the same nomenclature that have the same function. The standard is also being applied to abbreviations and acronyms. This standard is being used in all 1995 service publications.

To comply with this standard some GM terms, abbreviations, and acronyms have been replaced with those recommended by SAE J1930. Figures 25 and 26 are a listing of former GM names and abbreviations beside the new J1930 name and abbreviations.

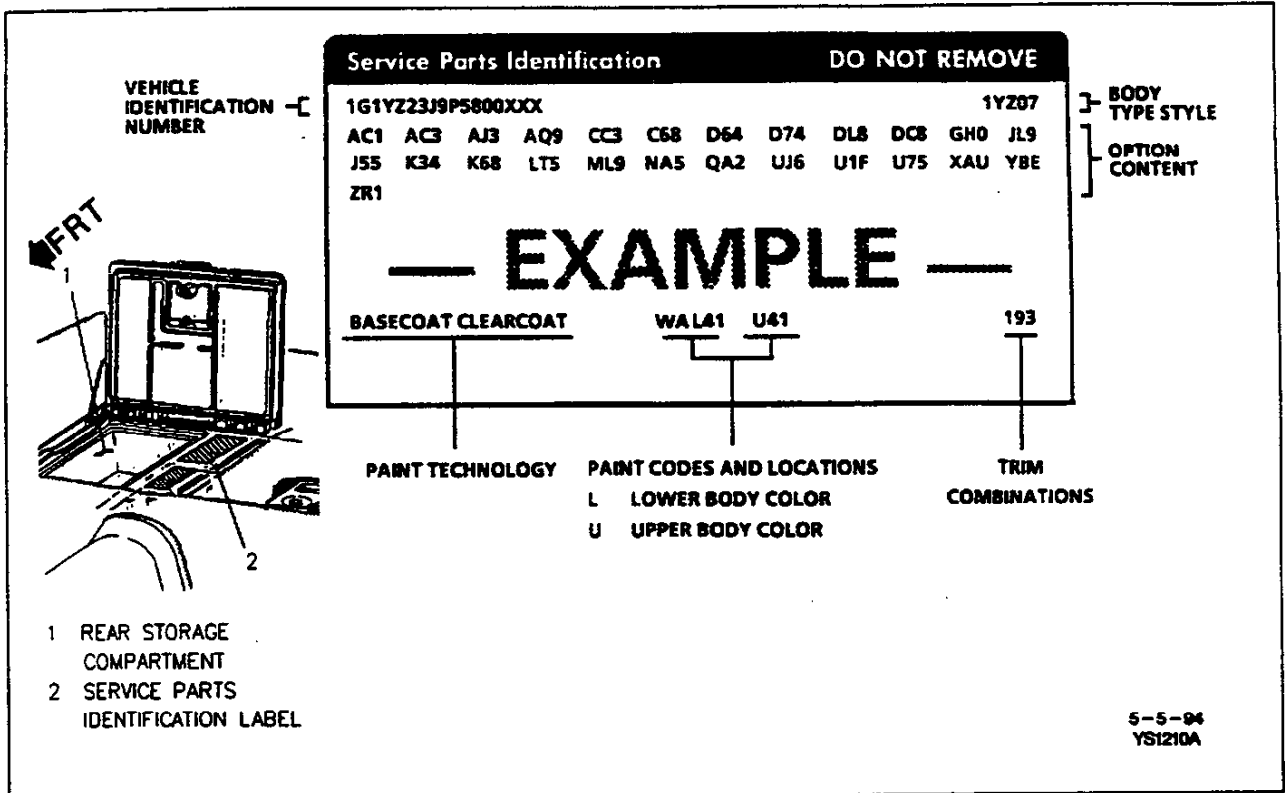


Figure 21 - Service Parts Identification Label

0A-14 GENERAL INFORMATION

Multiply	by	to get equivalent number of:	Multiply	by	to get equivalent number of:
LENGTH			ACCELERATION		
Inch	25.4	Millimeter (mm)	Foot/sec ²	0.3048	meter/sec ² (m/s ²)
Foot	0.3048	meters (m)	Inch/sec ²	0.0254	meter/sec ²
Yard	0.9144	meters			
Mile	1.609	kilometers (km)			
AREA			TORQUE		
Inch ²	645.2	millimeters ² (mm ²)	Pound-Inch	0.11298	newton-meters (N•m)
Foot ²	6.45	centimeters ² (cm ²)	Pound-foot	1.3558	newton1-meters
Yard ²	0.0929	meters ² (m ²)			
	0.836.1	meters ²			
VOLUME			POWER		
Inch ³	16387.	mm ³	Horsepower	0.746	kilowatts (kW)
	16.397	cm ³			
Quart	0.0164	liters (L)			
Gallon	0.9464	liters			
Yard ³	3.7854	liters			
	0.7646	meters ³ (m ³)			
MASS			PRESSURE OR STRESS		
Pound	0.4536	kilograms (kg)	Inches of water	0.2491	kilopascals (kPa)
Ton	907.18	kilograms (kg)	Pounds/sq. in.	6.895	kilopascals
Ton	0.907	tonne (t)			
FORCE			ENERGY OR WORK		
Kilogram	9.807	newtons (N)	BTU	1055.	joules (J)
Ounce	0.2780	newtons	Pound-foot	1.3558	joules
Pound	4.448	newtons	Kilowatt-hour	3600000.	joules (J = one W.s)
				or 3.6 x 10 ⁶	
			LIGHT		
			Foot Candle	10.764	lumens/meter ² (lm/m ²)
			VELOCITY		
			Miles/hour	1.609 3	kilometers/hr. (km/h)
TEMPERATURE					
To convert Fahrenheit temperature to Celsius temperature, use formula: °C = 5/9 (°F - 32)			To convert Celsius temperature to Fahrenheit temperature, use formula: °F = 9/5 °C + 32)		
FUEL PERFORMANCE					
Miles/gal ÷ 235.215 = liters/100 Kilometers					

Figure 22 - English/SI Metric Conversion Table

DECIMAL AND METRIC EQUIVALENTS

Fractional Inch	Decimal Inch	Metric mm.	Fractional Inch	Decimal Inch	Metric mm.
1/64	.015625	.39688	33/64	.515625	13.09687
1/32	.03125	.79375	17/32	.53125	13.49375
3/64	.046875	1.19062	35/64	.546875	13.89062
1/16	.0625	1.58750	9/16	.5625	14.28750
5/64	.078125	1.98437	37/64	.578125	14.68437
3/32	.09375	2.38125	19/32	.59375	15.08125
7/64	.109375	2.77812	39/64	.609375	15.47812
1/8	.125	3.1750	5/8	.625	15.87500
9/64	.140625	3.57187	41/64	.640625	16.27187
5/32	.15625	3.96875	21/32	.65625	16.66875
11/64	.171875	4.36562	43/64	.671875	17.06562
3/16	.1875	4.76250	11/16	.6875	17.46250
13/64	.203125	5.15937	45/64	.703125	17.85937
7/32	.21875	5.55625	23/32	.71875	18.25625
15/64	.234375	5.95312	47/64	.734375	18.65312
1/4	.250	6.35000	3/4	.750	19.05000
17/64	.265625	6.74687	49/64	.765625	19.44687
9/32	.28125	7.14375	25/32	.78125	19.84375
19/64	.296875	7.54062	51/64	.796875	20.24062
5/16	.3125	7.93750	13/16	.8125	20.63750
21/64	.328125	8.33437	53/64	.828125	21.03437
11/32	.34375	8.73125	27/32	.84375	21.43125
23/64	.359375	9.12812	55/64	.859375	21.82812
3/8	.375	9.52500	7/8	.875	22.22500
25/64	.390625	9.92187	57/64	.890625	22.62187
13/32	.40625	10.31875	29/32	.90625	23.01875
27/64	.421875	10.71562	59/64	.921875	23.41562
7/16	.4375	11.11250	15/16	.9375	23.81250
29/64	.453125	11.50937	61/64	.953125	24.20937
15/32	.46875	11.90625	31/32	.96875	24.60625
31/64	.484375	12.30312	63/64	.984375	25.00312
1/2	.500	12.70000	1	1.00	25.40000

4-4-94
F80210A

Figure 23 - Decimal and Metric Equivalents

0A-16 GENERAL INFORMATION

ABS	- AntiLock Brake System	*F	- Degrees Fahrenheit	P/B	- Power Brakes
A/C	- Air Conditioning	Fed.	- Federal (All States Exc. Calif.)	P/N	- Part Number
ACL	- Air Cleaner	Feds	- Fuel Enable Data Stream	PNP	- Park Neutral Position
A/D	- Analog/Digital	FM	- Frequency Modulation	PRNDL	- Park, Reverse Neutral, Drive, Low
Adj	- Adjust	FMVSS	- Federal Motor Vehicle Safety Standards	PROM	- Programmable Read Only Memory
A/F	- Air/Fuel Ratio	gal.	- Gallon	PS	- Power Steering
AH	- Ampere Hours	GMSPO	- GM Service Parts	PSI	- Pounds Per Square Inch
AIR System	- Secondary Air Injection System	GND	- Ground	Pt.	- Pint
Alt.	- Altitude	GPM	- Gallons Per Minute	QDM	- Quad-Driver
AM	- Amplitude Modulation	HC	- Hydrocarbons	Qt.	- Quart
AMP	- Ampere(s)	HD	- Heavy Duty	R	- Resistance
API	- American Petroleum Institute	Hg.	- Mercury	RC	- Rate of Capacity
APT	- Adjustable Part Throttle	Hi. Alt.	- High Altitude	Ref.	- Reference
ASM	- Assembly	HO2S	- Heated Oxygen Sensor	RF	- Right Front
A/T	- Automatic Transmission	HP	- Horse Power	RFI	- Radio Frequency Interference
ATC	- Automatic Temperature Control	HPS	- High Performance System	RH	- Right Hand
ATDC	- After Top Dead Center	HVAC	- Heater-Vent-Air Conditioning	R/M	- Reaction Injection Molding
BARO	- Barometric	HVACM	- Heater-Vent-Air Conditioning Module	RPM	- Engine Speed
Bat.	- Battery	HVM	- Heater-Vent-Module	RPO	- Regular Production Option
B+	- Positive Terminal	IAC	- Idle Air Control	RR	- Right Rear
BHP	- Brake Horsepower	IAT	- Intake Air Temperature	RTV	- Room Temperature Vulcanizing (Sealer)
BP	- Back Pressure	IC	- Ignition Control	RVR	- Response Vacuum Reducer
BTDC	- Before Top Dead Center	IC	- Integrated Circuit	RWD	- Rear Wheel Drive
°C	- Degrees Celsius	ICM	- Ignition Control Module	SAE	- Society of Automotive Engineers
CC	- Cubic Centimeter	ID	- Identification or Inside Diameter	SFI	- Sequential Multiport Fuel Injection
CCM	- Central Control Module	IGN	- Ignition	SI	- System International
CCOT	- Cycling Clutch (Office) Tube	INJ	- Injection	SIR	- Supplemental Inflatable Restraint
CD	- Compact Disc	INT	- Intake	SOL.	- Solenoid
CEAB	- Cold Engine Airbleed	I/P	- Instrument Panel	ST	- Scan Tool
CEMF	- Counter Electromotive Force	ISO	- International Standards Organization	Syn.	- Synchronizer
CID	- Cubic Inch Displacement	km	- Kilometers	TACH	- Tachometer
CLOOP	- Closed Loop	km/h	- Kilometers Per Hour	TCC	- Transmission Converter Clutch
CMP	- Camshaft Position	KV	- Kilovolts (Thousands of Volts)	TDC	- Top Dead Center
CO	- Carbon Monoxide	km/l	- Kilometers per liter	TP	- Throttle Position
CO ₂	- Carbon Dioxide	kPa	- Kilopascals	TPC	- Tire Performance Criteria
Conn	- Connector	KS	- Knock Sensor	TPD	- Tire Problem Detector
CPU	- Central Processing Unit	Kv	- Kilovolts (Thousands of Volts)	T.V.	- Throttle Valve
CS	- Changing System	L	- Liter	TVV	- Thermal Vacuum Valve
CTS	- Closed Throttle Position	lb.ft.	- Pound Feet	TWC	- Three Way Converter
Cu.in.	- Cubic Inch	lb.in.	- Pound Inch	UJT	- Universal Joint
CV	- Constant Velocity	LCD	- Liquid Crystal Display	UTD	- Universal Theft Deterrent
Cyl.	- Cylinder(s)	LED	- Light Emitting Diode	V	- Volt(s)
DERM	- Diagnostic Energy Reserve Module	LF	- Left Front	V-8	- Eight Cylinder Engine - Arranged in a "V"
DI	- Distributor Ignition	LR	- Left Rear	Vac.	- Vacuum
DIC	- Driver Information Center	LTPWS	- Low Tire Pressure Warning System	VIN	- Vehicle Identification Number
Diff.	- Differential	MAP	- Manifold Absolute Pressure	VMV	- Vacuum Modulator Valve
DLC	- Data Link Connector	MIL	- Malfunction Indicator Lamp	VSS	- Vehicle Speed Sensor
DTC	- Diagnostic Trouble Code	MFI	- Multiport Fuel Injection	W/	- With
DVM	- Digital Voltmeter	mm	- Millimeter	W/B	- Wheel Base
EBTCM	- Electronic Brake and Traction Control Module	MPG	- Miles Per Gallon	W/O	- Without
ECC	- Electronic Comfort Control	mph	- Miles Per Hour	WOT	- Wide Open Throttle
ECM	- Engine Control Module	M/T	- Manual Transmission	WU	- Warm Up
ECT	- Engine Coolant Temperature	mV	- Millivolt	X-Valve	- Expansion Valve
EEC	- Evaporative Emission Control	N.C.	- Normally Closed	ZF	- Zahradfabrik Friedrichshafen
EEPROM	- Electronically Erasable Programmable Read Only Memory	N-m	- Newton Metres		
EGR	- Exhaust Gas Recirculation	NOx	- Nitrogen, Oxides of		
EI	- Electronic Ignition	OBD	- On-Board Diagnostics		
EMF	- Electromotive Force	OC	- Oxidation Catalytic Converter		
EMI	- Electromagnetic Interference	OD	- Outside Diameter		
EPA	- Environmental Protection Agency	OE	- Original Equipment		
EPROM	- Erasable Programmable Read Only Memory	OHC	- Overhead Cam		
ESD	- Electrostatic Discharge	OL	- Open Loop		
ETC	- Electronic Temperature Control	OSA	- Outside Air (Temperature)		
ETR	- Electronically Tuned Receiver	O2S	- Oxygen Sensor		
EVAP	- Evaporative Emission	O2	- Oxygen		
Exh.	- Exhaust	PASS	- Personalized Automotive Security System		
		Key®			

Figure 24 - Abbreviations, Acronyms, and Symbols Chart

Former GM Name	New SAE Name Term
Absolute Pressure Sensor Aps - APS	Manifold Absolute Pressure Sensor - MAP Sensor
Air Cleaner Assembly	Air Cleaner - ACL
Air Cleaner Filter Element	Air Cleaner Filter - ACL Filter
Air Injection Reaction System - A.I.R. System	Secondary Air Injection System - AIR System
Assembly Line Communication Link - ALCL	Data Link Connector - DLC
Assembly Line Data Link - ALDL	Data Link Connector - DLC
Barometric Pressure Sensor - BARO Sensor	Barometric Pressure Sensor - BARO Sensor
BCM-PCM Data Problem	BCM-PCM Data Link
Calibration Pack - CAL-PAK	Electronically Erasable Programmable Read Only Memory - EEPROM
Calibration Pack - CAL-PAK	Erasable Programmable Read Only Memory - EPROM
Calibration Pack - CAL-PAK	Programmable Read Only Memory - PROM
Camshaft Sensor	Camshaft Position Sensor - CMP Sensor
Canister Purge - CP	Evaporator Emission Canister Purge - EVAP Canister Purge
Catalytic Converter - Cat. Conv.	Oxidation Catalytic Converter - OC
Catalytic Converter - Cat. Conv.	Three Way + Oxidation Catalytic Converter - TWC + OC
Catalytic Converter - Cat. Conv.	Three Way Catalytic Converter - TWC
Catalytic Converter - Cat. Conv.	Warm Up Oxidation Catalytic Converter - WU-OC
Catalytic Converter - Cat. Conv.	Warm Up Three Way Catalytic Converter - WU-TWC
Check Engine Indicator Code	Malfunction Indicator Lamp - MIL
Computer Command Control - CCC	Diagnostic Trouble Code - DTC
Computer Controlled Coil Ignition - C3I	Engine Control Module - ECM
Controlled Canister Purge - CCP	Electronic Ignition - EI
Coolant Temperature Sensor - CTS	Evaporative Emission Canister Purge - EVAP Canister Purge
Coolant Temperature Switch - CTS	Engine Coolant Temperature Sensor - ECT Sensor
	Engine Coolant Temperature Switch - ECT Switch
Detonation Sensor	Knock Sensor - KS
Diagnostic Circuit Check	On-Board Diagnostic System Check - OBD System Check
Digital Electronic Fuel Injection - DEFI	Multipoint Fuel Injection - MFI
Digital Electronic Fuel Injection - DEFI	Sequential Multipoint Fuel Injection - SFI
Digital Fuel Injection - DFI	Multipoint Fuel Injection - MFI
Digital Fuel Injection - DFI	Sequential Multipoint Fuel Injection - SFI
Direct Ignition System - DIS	Electronic Ignition System - EI System
Distributor HEI Module	Distributor Ignition Control Module - DI Control Module
Distributorless Ignition System - DIS	Electronic Ignition System - EI System
Dual Bed Monolith - DBM	Oxidation Catalytic Converter - OC
Dual Bed Monolith - DBM	Three Way Catalytic Converter - TWC
Electronic Air Control - EAC	Secondary Air Injection Bypass Valve - AIR Bypass Valve
Electronic Air Switching - EAS	Secondary Air Injection Switching Valve - AIR Switching Valve
Electronic Control Module - ECM	Powertrain Control Module - PCM
Electronic Fuel Injection - EFI	Multipoint Fuel Injection - MFI
Electronic Fuel Injection - EFI	Sequential Multipoint Fuel Injection - SFI
Electronic Fuel Injection - EFI	Throttle Body Fuel Injection - TBI
Electronic Spark Control Circuit - ESC Circuit	Knock Sensor Circuit - KS Circuit
Electronic Spark Control System - ESC System	Knock Sensor System - KS System

4-4-84
FS0220A

Figure 25—Standard Nomenclature for Electrical/Electronic Components and Systems (1 of 2)

0A-18 GENERAL INFORMATION

Former GM Name	New SAE Name Term
Electronic Spark Timing – EST Electronic Spark Timing Circuit – EST Circuit Electronic Vacuum Regulator Valve – EVRV	Ignition Control – IC Ignition Control Circuit – IC Circuit Exhaust Gas Recirculation Electronic Vacuum Regulator Solenoid Valve – EGR Electronic Vacuum Regulator Solenoid Valve
Engine Calibration Unit – ECU Evaporative Emission Control System – EECS Exhaust Gas Recirculation/Thermostatic Vacuum Switch – EGR/TVS	Programmable Read Only Memory – PROM Evaporative Emission System – EVAP System Exhaust Gas Recirculation Thermal Vacuum Valve – EGR TVV
Fuel CAL-PAK Missing	Programmable Read Only Memory Missing – PROM Missing
High Energy Ignition – HEI	Distributor Ignition – DI
Lean Exhaust Lean Exhaust	Lean Heated Oxygen Sensor Signal – Lean HO ₂ S Lean Oxygen Sensor Signal – Lean O ₂ S Signal
Manifold Air Temperature Sensor – MAT Sensor MEM-CAL Error	Intake Air Temperature Sensor – IAT Sensor Erasable Programmable Read Only – Only Memory Error – EPROM Error
MEM-CAL Error	Programmable Read Only Memory Error – PROM Error
Memory and Calibration Unit – MEM-CAL Memory and Calibration Unit – MEM-CAL Multi-Port Fuel Injection – MPFI	Erasable Programmable Read Only Memory – EPROM Programmable Read Only Memory – PROM Multiport Fuel Injection – MFI
Oxygen Sensor – O ₂ Oxygen Sensor – O ₂	Heated Oxygen Sensor – HO ₂ S Oxygen Sensor – O ₂ S
Park/Neutral Switch – P/N Switch Port Fuel Injection – PFI Pulse Air Injection System – PAIR	Park/Neutral Position Switch – PNP Switch Multiport Fuel Injection – MFI Pulsed Secondary Air Injection System – PAIR System
Revolutions Per Minute – rpm Rich Exhaust Rich Exhaust	Engine Speed – RPM Rich Heated Oxygen Sensor Signal – Rich HO ₂ S Signal Rich Oxygen Sensor Signal – Rich O ₂ S Signal
"Scan" Data Service Engine Soon Indicator – SES Indicator	Scan Tool Data – ST Data Malfunction Indicator Lamp – MIL
Thermal Vacuum Switch – TVS Thermostatic Air Cleaner – TAC Throttle Body Injection – TBI Throttle Position Sensor – TPS Throttle Position Switch – TPS Throttle Switch Throttle Switch Tuned Port Injection – TPI	Thermal Vacuum Valve – TVV Air Cleaner – ACL Throttle Body Fuel Injection – TBI Throttle Position Sensor – TP Sensor Closed Throttle Position Switch – CTP Switch Closed Throttle Position Switch – CTP Switch Wide Open Throttle Switch – WOT Switch Multiport Fuel Injection – MFI
Viscous Converter Clutch – VCC	Torque Converter Clutch – TCC

4-4-84
FS0230A

Figure 26—Standard Nomenclature for Electrical/Electronic Components and Systems (2 of 2).

SECTION 0B

MAINTENANCE AND LUBRICATION

NOTICE: When fasteners are removed, always reinstall them at the same location from which they were removed. If a fastener needs to be replaced, use the correct part number fastener for that application. Fasteners that are not reused, and those requiring thread-locking compound will be called out. The correct torque value must be used when installing fasteners that require it. If the above conditions are not followed, parts of system damage could result.

CONTENTS

Scheduled Maintenance Service	0B-1	Restraint Systems	0B-6
Schedule I	0B-1	Steering and Suspension Inspection ...	0B-6
Schedule II	0B-1	Tire and Wheel Inspection	0B-6
Explanation of Scheduled		Exhaust System Inspection	0B-6
Maintenance Services	0B-4	Manual Transmission	0B-6
Item 1 Engine Oil and		Rear Axle Service	0B-6
Oil Filter Change	0B-4	Brake Systems Inspection	0B-7
Adding Substitute Oil		Services Performed Annually	0B-7
(VIN P Engine Only)	0B-4	Key Lock Cylinders	0B-7
(VIN J Engine Only)	0B-4	Body Lubrication	0B-7
Engine Oil Life Monitor	0B-4	Starter Switch	0B-7
Item 2 Chassis Lubrication	0B-4	Brake-Transmission Shift	
Item 3 Engine Accessory Drive Belt		Interlock	0B-7
Inspection	0B-4	Steering Column Lock	0B-7
Item 4 Cooling System Service	0B-4	Parking Brake and Automatic	
Item 5 Transmission Service	0B-5	Transmission "P" (Park)	
Item 6 Spark Plug Replacement	0B-5	Mechanism Check	0B-7
Item 7 Spark Plug Wire Inspection	0B-5	Underbody Flushing	0B-7
Item 8 Air Cleaner Filter		Capacities	0B-8
Replacement	0B-5	Maintenance Items	0B-8
Item 9 Fuel Tank, Cap and Lines		Specifications	0B-8
Inspection	0B-5	Tightening Specifications	0B-8
Inspections and Other Required		Tire Pressure Specifications	0B-8
Services	0B-6	Belt Tension	0B-8
Services Performed Twice a Year	0B-6	Recommended Fluids and Lubricants	0B-9

SCHEDULED MAINTENANCE SERVICE

The maintenance instructions contained in the Maintenance Schedule are based on the assumption that the vehicle will be used as designed:

- To carry passengers and cargo within the limitation indicated on the Tire Placard located on the edge of the driver's door.
- On reasonable road surfaces within legal operating limits.
- On unleaded gasoline.

SCHEDULE I

Figure 1

Follow Schedule I if the vehicle is operated under one or more of the following conditions:

- When most trips are less than 4 miles (6 km).
- When most trips are less than 10 miles (16 km) and outside temperatures remain below freezing.
- When most trips include extended idling and/or frequent low-speed operation as in stop-and-go traffic.
- When operating in dusty areas.

Schedule I should also be followed if the vehicle is used in delivery service, police, taxi or other commercial applications.

SCHEDULE II

Figure 2

Follow Schedule II ONLY if none of the driving conditions specified in Schedule I apply.

0B-2 MAINTENANCE AND LUBRICATION

SCHEDULE I

Follow Schedule I if the car is MAINLY driven under one or more of the following conditions:

- Most trips are less than 4 miles (6 kilometers).
- Most trips are less than 10 miles (16 kilometers) when outside temperatures are below freezing.
- When most trips include extended idling and/or frequent low-speed operation, as in stop-and-go traffic.
- Operating in dusty areas.

ITEM NO.	TO BE SERVICED	WHEN TO PERFORM Miles (Kilometers) or Months, Whichever Occurs First	The services shown in this schedule up to 48,000 miles (80,000 km) are to be performed after 48,000 miles (80,000 km) at the same intervals															
			3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
1	Engine Oil & Oil Filter change*	MILES (000) KILOMETERS (000)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2	Chassis Lubrication	Every 3,000 mi. (5,000 km) or 3 months	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3	Engine Accessory Drive Belt Inspection	Every other oil change	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4	Cooling System Service*	Every 30,000 mi. (50,000 km) or 24 months																
5	Transmission Service	Every 30,000 mi. (50,000 km) or 24 months																
6	Spark Plug Replacement*	See text for service interval																
7	Spark Plug Wire Inspection* †	Every 100,000 mi. (166,000 km)																
8	Air Cleaner Filter Replacement*	Every 30,000 mi. (50,000 km)																
9	Fuel Tank, Cap & Lines Inspection* †	See text for service interval																
		Every 30,000 mi. (50,000 km)																

FOOTNOTES: * An Emission Control Service

† The U.S. Environmental Protection Agency or the California Air Resources Board has determined that the failure to perform this maintenance item will not nullify the emission warranty or limit recall liability prior to the completion of vehicle useful life. General Motors, however, urges that all recommended maintenance services be performed at the indicated intervals and the maintenance be recorded in the Maintenance Record in the Owner's Manual.

Figure 1 - Maintenance Schedule I

SCHEDULE II

Follow Schedule II only if none of the driving conditions specified in Schedule I apply.

ITEM NO.	TO BE SERVICED	WHEN TO PERFORM Miles (Kilometers) or Months, Whichever Occurs First	The services shown in this schedule up to 45,000 miles (75 000 km) are to be performed after 45,000 miles (75 000 km) at the same intervals							
			MILES (000)	7.5	15	22.5	30	37.5	45	
		KILOMETERS (000)	12.5	25	37.5	50	62.5	75		
1	Engine Oil Change*	Every 7,500 (12,500 km) or 12 months	•	•	•	•	•	•	•	
	Oil Filter Change*	Every 7,500 (12,500 km) or 12 months	•	•	•	•	•	•	•	
2	Chassis Lubrication	Every 7,500 (12,500 km) or 12 months	•	•	•	•	•	•	•	
3	Engine Accessory Drive Belt Inspection	Every 30,000 mi. (50 000 km) or 24 months								
4	Cooling System Service*	See text for service interval								
5	Transmission Service	Every 100,000 mi. (166 000 km)								
6	Spark Plug Replacement*	Every 30,000 mi. (50 000 km)								
7	Spark Plug Wire Inspection* †	Every 30,000 mi. (50 000 km)								
8	Air Cleaner Filter Replacement*	Every 30,000 mi. (50 000 km)								
9	Fuel Tank, Cap & Lines Inspection* †	Every 30,000 mi. (50 000 km)								

FOOTNOTES: * An Emission Control Service

† The U.S. Environmental Protection Agency or the California Air Resources Board has determined that the failure to perform this maintenance item will not nullify the emission warranty or limit recall liability prior to the completion of vehicle useful life. General Motors, however, urges that all recommended maintenance services be performed at the indicated intervals and the maintenance be recorded in the Maintenance Record in the Owner's Manual.

Figure 2 - Maintenance Schedule II

0B-4 MAINTENANCE AND LUBRICATION

EXPLANATION OF SCHEDULED MAINTENANCE SERVICES

Refer to Figures 1 and 2 for the schedules of time and/or mileage intervals. The following text and illustrations describe the details of the required maintenance services.

The proper fluids and lubricants are listed at the end of this section.

Item 1 Engine Oil and Oil Filter Change

An engine is filled at the factory with Mobil 1[®] synthetic oil, which meets all requirements of GM Standard GM4718M.

When changing oil always replace with "API Service SH," SAE grade 5W-30, "Energy Conserving 11," synthetic oil meeting GM Standard GM4718M. Not all API Service SH synthetic oils meet this standard. At temperatures above -18°C (0°F) a grade 10W-30 oil meeting GM4718M may be used.

NOTICE: Oil that does not have the GM4718M standard designation can cause engine damage not covered by the warranty.

- Replace the oil filter at each oil change.
- Do not use engine oil additives.
- Reset engine oil life monitor after changing oil even if the light was not on.
- Protect the environment. Properly collect used oil for recycling.

Adding Substitute Oil (VIN P Engine Only)

When adding oil to maintain engine oil level, if an oil meeting GM Standard GM4718M is not available, you can use oil designated either SAE 5W-30 API Service SH or SG at all temperatures, or SAE 10W-30 API Service SH or SG at temperatures above 0°F (-18°C). This oil should not be used for an oil change.

(VIN J Engine Only)

When adding oil to maintain engine oil level, if an oil meeting GM Standard GM4718M is not available, you can use oil designated SAE 10W-30 API Service SH or SG at all temperatures. This oil should not be used for an oil change.

Engine Oil Life Monitor

The oil life monitor indicator light will come on when the engine oil needs to be changed, usually between 5 000 km (3,000 miles) and 12 500 km (7,500 miles) after the last oil change. Under severe conditions, the "CHANGE OIL" light may come on before 5 000 km (3,000 miles). The vehicle should not be driven more than 12 500 km (7,500 miles) or twelve months without an oil change.

The system will not detect dust in the oil, so if the vehicle has been driven under dusty conditions, the oil should be changed every 5 000 km (3,000 miles) or sooner if the "CHANGE OIL" light comes on.

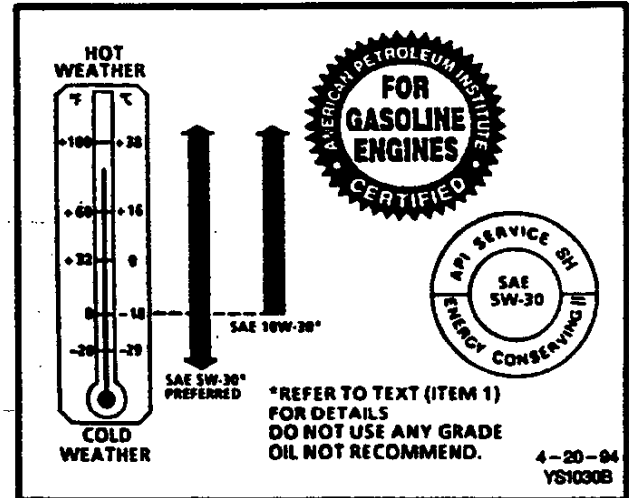


Figure 3 - Engine Oil Viscosity Recommendation

When changing oil, reset engine oil life monitor whether "CHANGE OIL" light comes on or not.

Reset monitor as follows:

1. Turn the key to the "ON" position, but don't start the engine.
2. Press the "ENG MET" button on the trip monitor and release. Then, within five seconds, press and release the "ENG MET" button again.
3. Within five seconds of Step 2, press and hold the "GAUGES" button on the trip monitor. The "CHANGE OIL" light will flash.
4. Hold the "GAUGES" button until the "CHANGE OIL" light stops flashing and goes out. When the light goes out, the engine oil life monitor is reset. If it doesn't reset, turn the ignition "OFF" and repeat the procedure.

Item 2 Chassis Lubrication

Lubricate transmission shift linkage, parking brake cable guides, underbody contact points and linkage. Lubricate the front suspension and steering linkage. Refer to Figures 4 and 5.

Item 3 Engine Accessory Drive Belt Inspection

Inspect the belt for cracks, fraying, wear and proper tension. Replace as needed. Refer to SECTION 6A1A (VIN P) and SECTION 6B (VIN J) for replacement. Belts can have many small cracks in individual ribs without affecting performance.

Item 4 Cooling System Service

Drain, flush and refill the system with new or approved recycled coolant meeting GM Specification 1825M as described in SECTION 6B.

Keep coolant at the proper mixture as specified in SECTION 6B. This provides proper freeze and boil protection, corrosion inhibitor level, and engine operating temperature.

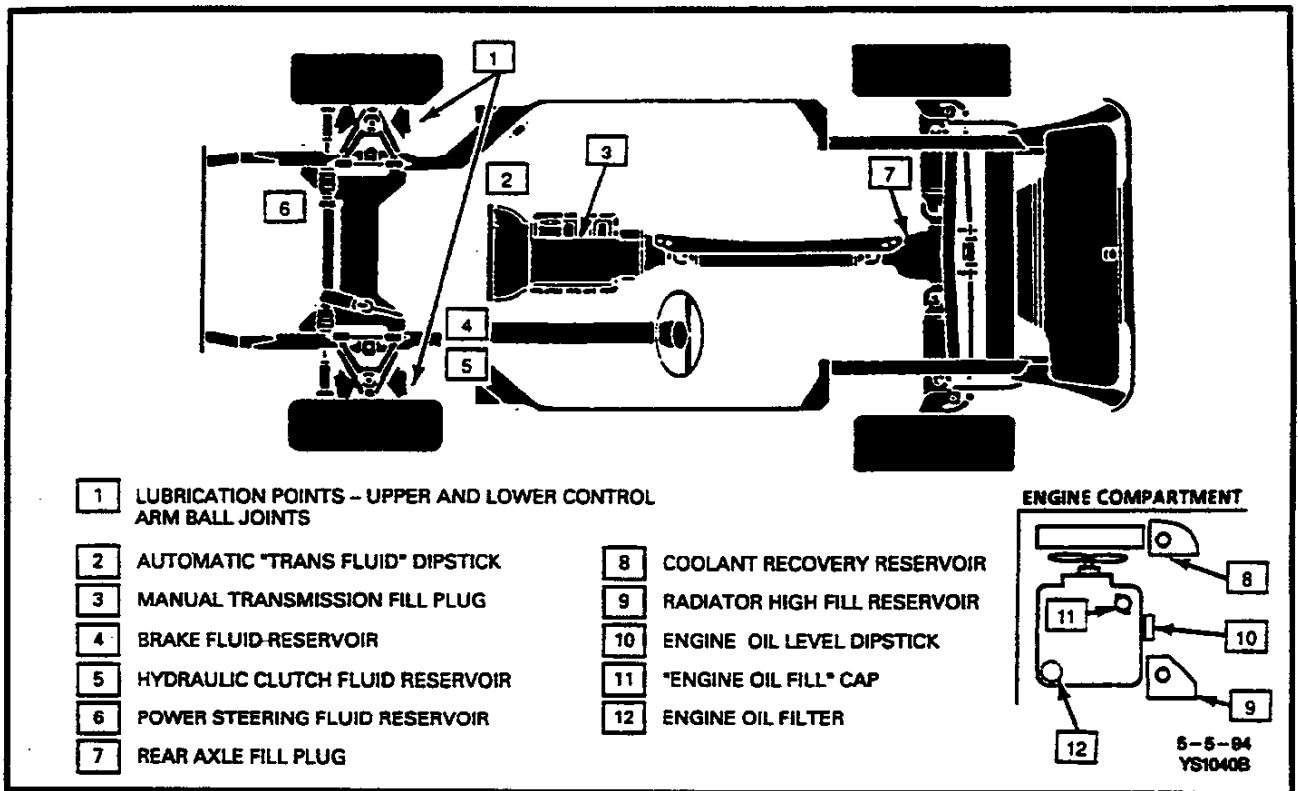


Figure 4 - Maintenance and Lube Fitting Locations - VIN P (LT1)

Inspect hoses and replace if they are cracked, swollen, or deteriorated. Tighten screw-type hose clamps. Clean the outside of the radiator and air conditioning condenser. Wash the pressure cap and neck.

To help ensure proper operation, pressure test both the cooling system and the pressure cap. Refer to SECTION 6B.

Item 5 Transmission Service

MANUAL TRANSMISSION

No fluid changing service required. Refer to "Inspections and Other Required Services" in this section.

AUTOMATIC TRANSMISSION

Change both the fluid and the filter every 15,000 miles (25 000 km) if the vehicle is mainly driven under one or more of these conditions:

- In heavy city traffic where the outside temperature regularly reaches 90°F (32°C) or higher.
- In hilly or mountainous terrain.
- When doing frequent trailer towing.
- Uses such as found in taxi, police, or delivery service.

If the vehicle is not used under any of these conditions, change both the fluid and filter every 100,000 miles (160,000 km).

Change fluid and filter as described in SECTION 7A under "Changing Fluid Filter and Seal."

Item 6 Spark Plug Replacement

Replace spark plugs with the type listed in "Maintenance Items" at the end of this section. Replace spark plugs every 100,000 miles (160 000 km).

Refer to SECTION 6D4 for replacement of spark plugs.

Item 7 Spark Plug Wire Inspection

Clean wires and inspect for burns, cracks or other damage. Check the wire boot fit at the coil and at the spark plugs. Replace wires as needed. Refer to SECTION 6D4.

Item 8 Air Cleaner Filter Replacement

Check the air filter element every 15,000 miles (25,000 km). Replace the air filter element every 30,000 miles (50 000 km), or more often under dusty conditions. Refer to SECTION 6E3-C14 for air filter element.

Item 9 Fuel Tank, Cap and Lines Inspection

Inspect fuel tank, cap, lines, fuel rails and injection assemblies for damage or leaks. Inspect fuel cap gasket for an even filler neck imprint or any damage. Replace parts as needed. Periodic replacement of the fuel filter is not required. Refer to SECTION 6C for more information.

0B-6 MAINTENANCE AND LUBRICATION

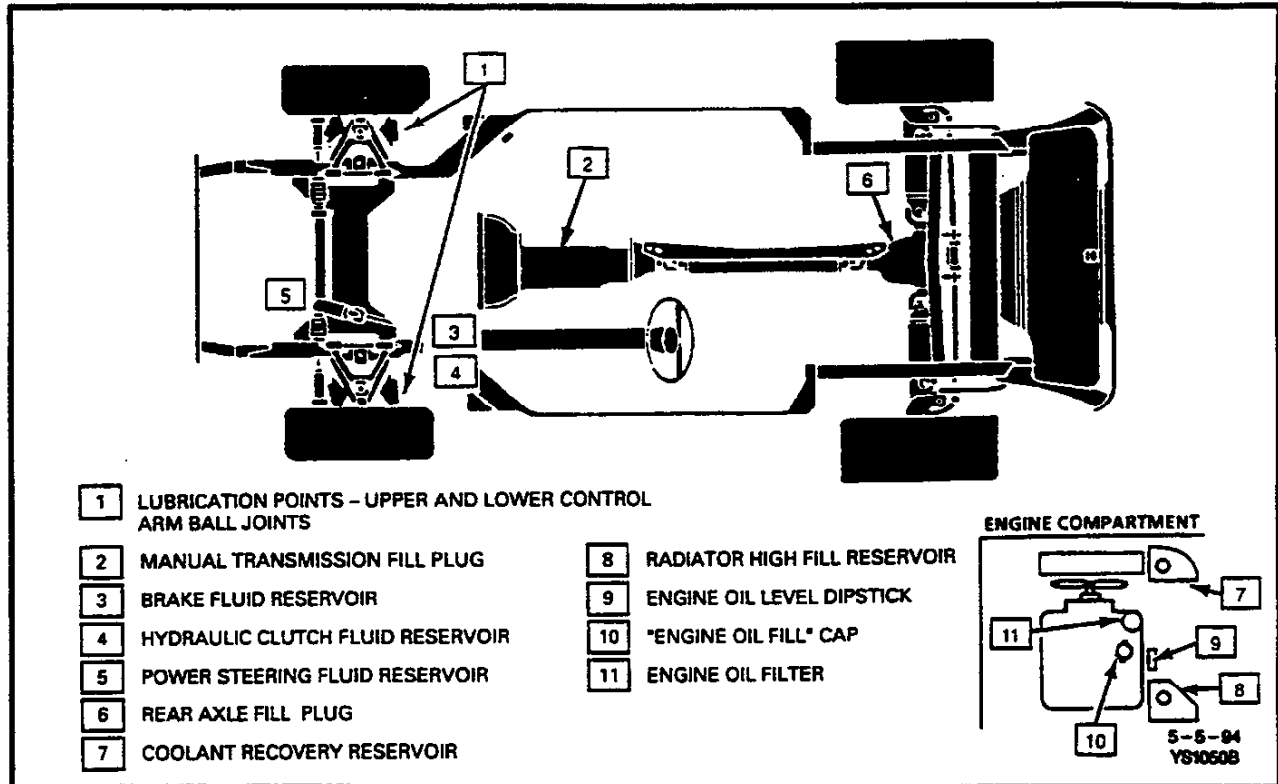


Figure 5 - Maintenance and Lube Fitting Locations - VIN J (LT5)

INSPECTIONS AND OTHER REQUIRED SERVICES

Listed below are inspections and services which should be made at the time period specified.

Any safety related or emissions related components that could have been damaged in an accident should be inspected and all needed repairs should be performed before operating the vehicle.

Refer to SECTION 6E3 for driveability and emission service. Refer to "Recommended Fluids and Lubricants" at the end of this section when service is required.

SERVICE PERFORMED TWICE A YEAR

Restraint Systems

Make sure all belts, buckles, latch plates, retractors, anchorages and reminder systems are working properly. Look for any loose parts or damage. Replace parts as needed. Refer to SECTION 10-11.

Steering and Suspension Inspection

Inspect front and rear suspension and steering system for damaged, loose or missing parts, signs of wear or lack of lubrication. Inspect power steering lines and hoses for proper hookup, binding, leaks, cracks, chafing, etc. Refer to SECTION 3C and 3D.

Tire and Wheel Inspection

Inspect the tires for uneven wear or damage. If there is irregular or premature wear, check the wheel alignment. Inspect for damaged wheels. Refer to SECTION 3 for diagnosis and SECTION 3A for wheel alignment.

Exhaust System Inspection

Inspect complete system. Inspect body near the exhaust system. Look for broken, damaged, missing or out-of-position parts as well as open seams, holes, loose connections or other conditions which could cause a heat build up in the floor pan or could let exhaust fumes into the vehicle. Refer to SECTION 6F for exhaust system service.

Manual Transmission

Check transmission fluid level; add if needed. A fluid loss may indicate a problem. Check system and repair if needed. Refer to SECTION 7B.

To check or add fluid:

Hoist vehicle, refer to SECTION 0A. Keep vehicle level. Clean dirt or foreign material from around filler plug opening before removing the filler plug. Maintain fluid level flush with bottom of opening. Always replace filler plug and be sure it is fully seated and tightened to 35 N•m (26 lb. ft.).

Rear Axle Service

Check fluid gear lubricant level and add if needed. A fluid loss in this system may indicate a problem. Check the system and repair it if needed. Refer to SECTION 4B for service.

To check or add fluid:

Hoist vehicle, refer to SECTION 0A. Keep vehicle level. Clean dirt or foreign material from around filler plug opening before removing the filler plug. Maintain fluid level from flush with bottom of opening to no lower than 6 mm (1/4") below opening. Always replace filler plug, tighten to 41 N•m (30 lb. ft.).

Brake Systems Inspection

Inspect the complete system. Inspect brake lines and hoses for proper hookup, binding, leaks, cracks, chafing, etc. Inspect disc brake pads for wear and rotors for surface condition. Inspect other brake parts, including calipers, parking brake, etc., at the same time. Check parking brake adjustment. Cycling the parking brake lever three times should result in lever movement of 3 to 5 notches when a 270 N (61 lb.) force is applied.

Inspect brakes more often if habit or conditions result in frequent braking.

NOTICE: A low brake fluid level can indicate worn disc brake pads which may need to be serviced. Also, if the brake system warning light stays on or comes on, something may be wrong with the brake system. If the anti-lock brake system warning light stays on or comes on, something may be wrong with the anti-lock brake system. See SECTION 5 and 5E2.

SERVICE PERFORMED ANNUALLY

Key Lock Cylinders

Lubricate the key lock cylinders with lubricant specified in "Recommended Fluids and Lubricants."

Body Lubrication

Lubricate all body door hinges, including the hood, fuel door and rear compartment hinges and latches, console doors, and any folding seat hardware.

Starter Switch

CAUTION: Before performing the following transmission neutral or clutch start switch check, be sure to have enough room around the vehicle. Then, firmly apply both the parking brake and the regular brakes. Do not use the accelerator pedal. If the engine starts, be ready to turn "OFF" the ignition promptly. Take these precautions because the vehicle could move without warning and possibly cause personal injury or property damage.

On an automatic transmission vehicle, try to start the engine in each gear. The starter should crank only in "P" (Park) or "N" (Neutral). If the starter operates in any other position, the vehicle needs service. Refer to SECTION 8A for diagnosis and SECTION 7A for service.

On a manual transmission vehicle, place the shift lever in "Neutral," push the clutch halfway and try to start the engine. The starter should crank only when the clutch is fully depressed

all the way to the floor. If the starter operates when the clutch isn't pushed all the way down, the vehicle needs service. Refer to SECTION 8A for diagnosis and SECTION 7B for service.

Brake-Transmission Shift Interlock

Before performing the following procedure, place the vehicle on a level surface. Be sure to have enough room around the vehicle and do not use the accelerator pedal. Firmly apply the parking brake.

CAUTION: Follow the above precautions because the vehicle could move without warning and possibly cause personal injury and/or property damage.

With the engine off, turn the ignition "ON," but do not start the engine. Without applying the regular brakes, try to move the transmission shift lever out of "P" (Park) with normal effort. If the shift lever moves out of "P" (Park), repair the brake-transmission shift interlock. Refer to SECTION 8A.

Steering Column Lock

While parked and with the parking brake set, try to turn key to "Lock" in each shift lever position. The key should turn to "Lock" only when the shift lever is in "Park" on an automatic transmission.

On a vehicle with manual transmission, try to turn key to "Lock" without depressing the key release button. The key should turn to "Lock" only with key release button depressed.

On all vehicles, the key should come out only in "Lock" position. Refer to SECTION 3F5B for service information.

Parking Brake and Automatic Transmission "P" (Park) Mechanism Check

CAUTION: When doing this check, the vehicle could begin to move. You could be injured and property could be damaged. Make sure there is room in case the vehicle begins to roll. Be ready to apply the regular brake at once should the vehicle begin to roll. Park on a fairly steep hill, with the vehicle facing downhill. Keeping your foot on the brake, set the parking brake.

To check the parking brake, with the engine running and transmission in (N) "Neutral," slowly remove foot pressure from the regular brake pedal (until the vehicle is held by only the parking brake). Refer to SECTION 5F for service information.

To check the automatic transmission "Park" mechanism holding ability, shift the transmission to "Park" and release all brakes. Refer to SECTION 7A for service information.

Underbody Flushing

At least every spring, use plain water to flush any corrosive materials from the underbody. Take care to thoroughly clean any areas where mud and other debris can collect.

OB-8 MAINTENANCE AND LUBRICATION

CAPACITIES

Cooling System	
VIN P Engine	17.8 qts. (16.9L)
VIN J Engine	14.7 qts. (13.9L)
Coolant High Fill Reservoir	
Pressure Cap	15 psi (103.4 kPa)
Thermostat	180°F (82°C)
Engine Crankcase	
VIN P (Less Filter)	4.0 qts. (3.8L)*
VIN P (With Filter)	4.5 qts. (4.2L)*
VIN J (Less Filter)	7.6 qts. (7.2L)*
VIN J (With Filter)	8.6 qts. (8.1L)*
* Recheck levels after refill.	
Fuel Tank	20.0 gal. (75.7L)
Rear Axle Lubricant	
Limited-Slip Additive	4.0 oz. (118 ml)
Transmission	
Automatic*	
Drain and Refill	10.0 pts. (4.7L)
Overhaul	21.6 pts. (10.2L)
Manual Overhaul	4.4 pts. (2.1L)
* Initial fill capacity – recheck after refill.	
Air Conditioning	
R134a Refrigerant	2.0 lb. (0.907 kg)

MAINTENANCE ITEMS

Air Cleaner Filter	
All	AC Type A1097C
Engine Oil Filter	
VIN P Engine	AC Type PF51
VIN J Engine	AC Type PF970C (Black)
PCV Valve	
VIN P Engine	AC Type CV895C
VIN J Engine	AC Type CV746CB and CV913C
Spark Plug and Gap	
VIN P Engine	AC Type 41-906 (0.050") 1.27mm
VIN J Engine	AC Type 41-907 (0.050") 1.27mm
Engine Drive Belt	
VIN P Engine	GM P/N 10230259
VIN J Engine	GM P/N 10067477
Coolant System (VIN P Only)	
Sealer Pellet	GM P/N 3634621
Battery	
VIN P Engine	Delco 75B-72
VIN J Engine	Delco 75Z-72

SPECIFICATIONS

TIGHTENING SPECIFICATIONS

Transmission (Manual) Fill and	
Drain Plugs	35 N•m (26 lb. ft.)
Spark Plug (VIN P)	15 N•m (11 lb. ft.)
Spark Plug (VIN J)	20 N•m (15 lb. ft.)
Engine Oil Drain Plug	
(VIN P)	27 N•m (20 lb. ft.)
Engine Oil Drain Plug	
(VIN J)	50 N•m (37 lb. ft.)
Rear Axle Fill Plug	41 N•m (30 lb. ft.)
Wheel Nuts	140 N•m (100 lb. ft.)

TIRE PRESSURE SPECIFICATIONS

Spare	60 psi (448 kPa)
Regular Road Tires	
Coupe	35 psi (240 kPa)
Convertible	30 psi (210 kPa)
Run Flat Tires	30 psi (210 kPa)

BELT TENSION

A single serpentine belt with a belt tensioner is used to drive all engine accessories. A tensioner controls belt tension. The tensioner on a VIN P engine has marks to indicate a minimum and maximum belt length and belt replacement. Any reading outside these limits indicates either a defective belt or tensioner. Refer to SECTION 6A1A (VIN P) or SECTION 6B (VIN J) for additional information.

RECOMMENDED FLUIDS AND LUBRICANTS

AUTOMATIC TRANSMISSION - DEXRON®-III OR DEXRON®-IIIE – Automatic Transmission Fluid.

AUTOMATIC TRANSMISSION SHIFT LINKAGE – Engine Oil.

CHASSIS LUBRICATION – Chassis lubricant or lubricant meeting requirements of NLGI Grade 2, Category LB or GC-LB. (GM Part No. 1052497 or equivalent).

CLUTCH LINKAGE PIVOT POINTS – Engine Oil.

ENGINE COOLANT – A 50/50 mixture of water (preferably distilled) and good quality ethylene glycol base anti-freeze (GM Part No. 1052753 or equivalent) conforming to GM Specification 1825M or approved recycled coolant conforming to GM Specification 1825M.

ENGINE OIL – Use only a synthetic API service SH or SG Energy Conserving II oil that meets GM Standard 4718M. The preferred viscosity is SAE 5W-30. Also refer to "Engine Oil and Oil Filter Change" in maintenance schedule for additional information.

FLOOR SHIFT LINKAGE – Engine Oil.

HOOD & DOOR HINGES, CONCEALED HEADLIGHT HINGES, FUEL DOOR HINGE, REAR COMPARTMENT LID HINGE, HATCH HINGES, FOLDING FRONT SEATS – Engine Oil or Lubriplate Lubricant (GM Part No. 1050109)

HOOD LATCH, PIVOTS AND SPRING ANCHOR – Engine oil.

HOOD RELEASE PAWL – Chassis lubricant meeting requirements of NLGI Grade 2, Category LB or GC-LB (GM Part No. 1052497 or equivalent) or lubricant.

HYDRAULIC BRAKE SYSTEM – Delco-Supreme 11® Brake Fluid (GM Part No. 1052535 or equivalent DOT-3 brake fluid).

HYDRAULIC CLUTCH SYSTEM – Hydraulic Clutch Fluid (GM Part No. 12345347 or equivalent).

KEY LOCK CYLINDERS – Lubricate with Multi-Purpose Lubricant (GM Part No. 12345120) or synthetic SAE 5W-30 engine oil.

MANUAL TRANSMISSION – Manual Transmission Fluid SAE 5W-30 (GM Part No. 1052931 or equivalent).

MANUAL TRANSMISSION SHIFT LINKAGE – Chassis lubricant (GM Part No. 1052497 or equivalent) or lubricant meeting requirements of NLGI Grade 2, Category LB or GC-LB.

PARKING BRAKE GUIDES – Chassis lubricant (GM Part No. 1052497 or equivalent) or lubricant meeting requirements of NLGI Grade 2, Category LB or GC-LB.

POWER STEERING SYSTEM – GM Synthetic Power Steering Fluid (GM Part No. 12345867 (32oz./0.946L) or 12345866 (16oz./0.473L) or equivalent).

REAR AXLE (LIMITED SLIP DIFFERENTIAL) – Axle Lubricant (GM Part No. 12345977) or SAE 80W-90 GL-5 Gear Lubricant and Limited-Slip Differential Lubricant Additive (GM Part No. 1052358 or equivalent) where required.

WEATHERSTRIPS – Dielectric Silicone Grease (GM Part No. 12345579 or equivalent).

WINDSHIELD WASHER SOLVENT – GM Optikleen® Washer Solvent (GM Part No. 1051515 (32 oz./0.946L) or equivalent).

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1995

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Vehicle Line CORVETTE	
Mailing Address 30007 VAN DYKE WARREN, MI 48090-9065	Issued SEPTEMBER, 1994	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.

AAMA

American Automobile Manufacturers Association

Blank Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

Table of Contents

	1	Vehicle Models/Origin	∅	Indicates Format Change From Previous Year
	2	Power Teams		
	3	Engine		
	4	Lubrication System		
	4	Diesel Information		
	5	Cooling System		
	6	Fuel System		
	7	Vehicle Emission Control		
∅	7	Exhaust System		
∅	8-10	Transmission, Axles and Shafts		
	11	Suspension		
	12-13	Brakes, Tires and Wheels		
	14	Steering		
	15-16	Electrical		
∅	17	Body - Miscellaneous Information		
	17	Frame		
	18	Restraint System		
	18	Glass		
	18	Headlamps		
	19	Climate Control System		
	20-21	Convenience Equipment		
	21	Trailer Towing		
	22-24	Vehicle Dimensions		
	25	Vehicle Fiducial Marks		
	26	Vehicle Mass (weight)		
	27	Optional Equipment Differential Mass (Weight)		
	28-34	Vehicle Dimensions Definitions - Key Sheets		
	35	Index		

NOTE:

1. 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.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incur obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	G.M. Midsize 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)*	Introduction Date	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)
CORVETTE					
2-Door Coupe (RWD)		1YY07	2 (2/0)	45.4 (100)	17/24
2-Door Convertible (RWD)		1YY67	2 (2/0)	45.5 (100)	17/24
2-Door Coupe (RWD) (Special Performance)		1YZ07	2 (2/0)	45.5 (100)	17/24

* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary)

Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

		A	B	C	D	
ENGINE	Engine Code	LT1	LT1	LT1	LT5	
	Displacement Liters (in ³)	5.7 (350)	5.7 (350)	5.7 (350)	5.7 (350)	
	Induction system (FI, Carb, etc.)	Sequential Fuel Injection	Sequential Fuel Injection	Sequential Fuel Injection	Sequential Fuel Injection	
	Compression ratio	10.4:1	10.4:1	10.4:1	11.0:1	
	SAE Net at RPM	Power kW (bhp)	224 (300) @ 5000	224 (300) @ 5000	224 (300) @ 5000	302 (405) @ 5800
		Torque N • m (lb. ft.)	461 (340) @ 4000	461 (340) @ 4000	461 (340) @ 4000	522 (385) @ 5200
	Exhaust single, dual	Dual	Dual	Dual	Dual	
TRANS	Transmission/ Transaxle	ML9 Manual Transmission 6-Speed	M30 Auto Transmission 4-Speed	M30 Auto Transmission 4-Speed	ML9 Manual Transmission 6-Speed	
	Effective Final Drive / Axle Ratio (std. first)	3.45	2.59	3.07	3.45	

Series Availability		Power Teams (A - B - C - D)	
Model	Code	Standard	Optional
CORVETTE			
2-Door Coupe	1YY07	B	A,C
2-Door Convertible	1YY67	B	A
2-Door Coupe (Special Performance ZR-1)	1YZ07	D	

MVMA Specifications

Vehicle Line **CORVETTE**
 Model Year **1995** Issued **8/94** Revised **(*)**

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO LT1

Engine - General

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	90 deg. V, Front, Longitudinal	
Manufacturer	General Motors Powertrain Division	
No. of cylinders	8	
Bore	101.6 mm (4.00 in.)	
Stroke	88.4 mm (3.48 in.)	
Bore Spacing (C/L to C/L)	111.8 mm (4.40 in.)	
Cylinder block material & mass kg. (lbs.) (machined)	Cast Iron	
Cylinder block deck height	229.4 mm (9.025 in.)	
Cylinder block length	506.2 mm (19.93 in.)	
Deck clearance (minimum) (above or below block)	.025 Below	
Cylinder head material & mass kg. (lbs.)	Aluminum	
Cylinder head volume cm ³ (inches ³)	53.7 (3.28)	
Cylinder liner material	Not Applicable	
Head gasket thickness (compressed)	1.245 mm (.049 in.)	
Minimum combustion chamber total volume cm ³ (inches ³)	75.175 Combustion Chamber with Piston at Top Dead Center and All Components in Place Torqued to Specifications	
Cyl. no. system (front to rear)*	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing order	1-8-4-3-6-5-7-2	
Intake manifold material & mass kg. (lbs.)**	Cast Aluminum	
Exhaust manifold material & mass kg. (lbs.)**	Cast Iron	
Knock sensor (number & location)	2 - One Each Side of Cylinder Case	
Fuel required unleaded, diesel, etc.	Unleaded	
Fuel antiknock index (R + M) + 2	87	
Engine Mounts	Quantity	2
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Hydraulic Damper
	Added isolation (sub-frame, crossmember, etc.)	1 Crossmember
Total dressed engine mass (wt) dry***	261.44 kg. (576.4 lbs.), Auto.; 288.31 kg. (635.6 lbs.), Manual	

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Cast Aluminum (Impacted) Coated
--	--

Engine - Camshaft

Location	In Cylinder Block "V" Above Crankshaft	
Material & mass kg (weight, lbs.)	Steel	
Drive type	Chain / belt	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: All those items necessary to make the engine a complete ready-to-run unit.

MVMA Specifications

Vehicle Line **CORVETTE**
 Model Year **1995** Issued **9/94** Revised **(*)**

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO LT5

Engine - General

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		90 deg. V. Front, Longitudinal
Manufacturer		General Motors Powertrain Division
No. of cylinders		8
Bore		99 mm (3.90 in.)
Stroke		83 mm (3.66 in.)
Bore Spacing (C/L to C/L)		111.8 mm (4.40 in.)
Cylinder block material & mass kg. (lbs.) (machined)		Aluminum Alloy, 25.95 (57.0)
Cylinder block deck height		229.24 mm (9.03 in.)
Cylinder block length		506.2 mm (19.93 in.)
Deck clearance (minimum) (above or below block)		
Cylinder head material & mass kg. (lbs.)		Aluminum Alloy, 34.01 (75)
Cylinder head volume cm ³ (inches ³)		Not Available
Cylinder liner material		Forged Aluminum Extrusion
Head gasket thickness (compressed)		
Minimum combustion chamber total volume cm ³ (inches ³)		40 cc (2.44 cu. in.)
Cyl. no. system (front to rear)*	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
Intake manifold material & mass kg. (lbs.)**		Cast Aluminum
Exhaust manifold material & mass kg. (lbs.)**		Stainless Steel, 14.97 (33)
Knock sensor (number & location)		1, Right Side of Case
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) + 2		91
Engine Mounts	Quantity	2
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Hydraulic
	Added isolation (sub-frame, crossmember, etc.)	-
Total dressed engine mass (wt) dry***		341.83 kg. (753.6 lbs.)

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Cast Aluminum, 6.35 (14)
--	--------------------------

Engine - Camshaft

Location		In Cylinder Head Above Valves
Material & mass kg (weight, lbs.)		9.07 (20) Induction Hardened Cast Iron
Drive type	Chain / belt	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: All those items necessary to make the engine a complete ready-to-run unit.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

**5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO LT1**

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)	Standard	
Valves	Number intake / exhaust	8/8
	Head O.D. intake / exhaust	49.28 mm (1.94 in.) / 38.10 mm (1.50 in.)

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Powdered Metal
Length (axes C/L to C/L)	144.78 mm (5.70 in.)

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Nodular Cast Iron, 23.360 (51.50)	
End thrust taken by bearing (no.)	5	
Length & number of main bearings	5	
Seal (material, one, two piece design, etc.)	Front	Fluoroelastomer / One Piece, Lip Seal
	Rear	Fluoroelastomer / One Piece, Lip Seal

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	41 (6) @ 1000 / 124 (18) @ 2000 / 165 (24) @ 4000 (Hot)
Type of intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full Flow
Capacity of crcase, less filter-refill (qt.)	3.8 (4.0)

Engine - Diesel Information

(NOT APPLICABLE)

Diesel engine manufacturer		
Glow plug, current drain at 0°F.		1
Injector nozzle	Type	
	Opening pressure kPa (psi)	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection 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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (9)

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
 Engine Code SEQUENTIAL FUEL INJECTION RPO LT5

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)		Standard
Valves	Number Intake / exhaust	15/16
	Head O.D. Intake / exhaust	39 mm (1.54 in.) / 35.2 mm (1.39 in.)

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Steel, .875 (1.93)
Length (axis C/L to C/L)	145.8 mm (5.74 in.)

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Nitrided Forged Steel, 24.94 (55)	
End thrust taken by bearing (no.)	3	
Length & number of main bearings	5	
Seal (material, one, two piece design, etc.)	Front	Fluoroelastomer / One Piece, Lip Seal
	Rear	Fluoroelastomer / One Piece, Lip Seal

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	124.1 (18) @ 2000, Minimum
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full Flow
Capacity of c/case, less filter-refill-L (qt.)	8.55 (9)

Engine - Diesel Information

(NOT APPLICABLE)

Diesel engine manufacturer		
Glow plug, current drain at 0°F.		
Injector nozzle	Type	
	Opening pressure kPa (psi)	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection 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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description **5.7 LITER V8 (350 CID)**
 Engine Code **SEQUENTIAL FUEL INJECTION RPO LT1**

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)	Standard	
Coolant fill location (rad., bottle)	Bottle, Coolant Recovery	
Radiator cap relief valve pressure kPa (psi)	103 (15)	
Circulation thermostat	Type (choke, bypass)	Choke
	Starts to open at °C (°F)	82 (180)
Water pump	Type (centrifugal, other)	Centrifugal
	GMP 1000 pump rpm	13
	Number of pumps	1
	Drive (V-belt, other)	Gear Driven
	Bearing type	Sealed Double Row Ball
	Impeller material	Steel
	Housing material	Cast Aluminum
By-pass recirculation type (inter., ext.)	Internal	
Cooling System capacity	With heater - L (qt.)	Not Applicable
	With air conditioner - L (qt.)	8.89 (9.39), Auto Trans.; 9.09 (9.61), Manual Trans.
	Opt. equipment specify - L (qt.)	Not Applicable
Water jackets full length of cyl. (yes, no)	Yes	
Water all around cylinder (yes, no)	Yes	
Water jackets open at head face (yes, no)	No	
Radiator core	Std., A/C, HD	A/C, Standard
	Type (cross-flow, etc.)	Cross-Flow
	Construction (fin & tube mechanical, brazes, etc.)	Fin & Tube
	Material, mass kg (wgt., lbs.)	Aluminum Header, Tubes and Fins, Plastic Tanks, 4.5360 (10.0)
	Width	600 mm (23.6 in.)
	Height	438 mm (17.24 in.)
	Thickness	235 mm (0.93 in.), Auto; 34.0 mm (1.34 in.), Manual Trans.
	Fins per inch	3.0 (16.9 fpi)
Radiator end tank material	Plastic	
Fan	Std., elec., opt.	Electric, Standard
	Number of blades & type (flex, solid, material)	5-Blades, High Efficiency Curved Blades and Ring Shroud, Plastic
	Number & location (front, rear of radiator)	2 Fans, Rear of Radiator
	Diameter & projected width	299.0 mm (11.8 in.)
	Ratio (fan to crankshaft rev.)	-
	Fan cutout type	Temperature Switch
	Drive type (direct, remote)	Direct
	RPM at idle (elec.)	2100
	Motor rating (wattage/elec.)	150 W - 2200 RPM
	Motor switch (type & location/elec.)	Temperature Switch Located on AC Liquid Line
	Switch point (temp./pressure/elec.)	Pressure Transducer
	Fan shroud (material)	Plastic Ring Shroud

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO L75

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard
Coolant fill location (rad., bottle)		Bottle, Coolant Recovery
Radiator cap relief valve pressure kPa (psi)		103 (15)
Circulation thermostat	Type (choke, bypass)	Choke
	Starts to open at °C (°F)	82 (180)
Water pump	Type (centrifugal, other)	Centrifugal
	GMP 1000 pump rpm	12
	Number of pumps	1
	Drive (V-belt, other)	Single Belt Poly "V" Accessory Drive (Serpentine)
	Bearing type	Sealed Double Row Ball
	Impeller material	Steel
Housing material		Cast Aluminum
By-pass recirculation type (inter., ext.)		Internal
Cooling System capacity	With heater - L (qt.)	Not Applicable
	With air conditioner - L (qt.)	13.94 (14.73)
	Opt. equipment specify - L (qt.)	Not Applicable
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	A/C, Standard
	Type (cross-flow, etc.)	Cross-Flow
	Construction (fin & tube mechanical, braze, etc.)	Fin & Tube
	Material, mass kg (wgt., lbs.)	Aluminum Header, Tubes and Fins, Plastic Tanks, 4.5360 (10.0)
	Width	599.5 mm (23.6 in.)
	Height	438 mm (17.24 in.)
	Thickness	34 mm (1.34 in.)
Fins per inch		3.0
Radiator end tank material		Plastic
Fan	Std., elec., opt.	Electric, Standard - Two Required
	Number of blades & type (flex, solid, material)	5-Blades, High Efficiency Curved Blades and Ring Shroud, Plastic
	Number & location (front, rear of radiator)	2 Fans, Rear of Radiator
	Diameter & projected width	299.0 mm (11.8 in.)
	Ratio (fan to crankshaft rev.)	Not Applicable
	Fan cutout type	Temperature Switch
	Drive type (direct, remote)	Direct
	RPM at idle (elec.)	2100
	Motor rating (wattage/elec.)	150 W - 2200 RPM
	Motor switch (type & location/elec.)	Temperature Switch Located on AC Liquid Line
	Switch point (temp./pressure/elec.)	Pressure Transducer
Fan shroud (material)		Plastic Ring Shroud

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (0) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO LT1

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

Induction type: carburetor, fuel injection system, etc.		Sequential Fuel Injection
Manufacturer		AC/Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Preset - No Adjustment Provided
Fuel Injection	Point of injection (no.)	Fuel injectors at Inlet Ports
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic - On Board Computer
	System pressure kPa (psi)	300 (43.5)
Idle speed-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)		None
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		Frame Mounted
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	In Fuel Tank
	Pressure range kPa (psi)	Normal 83.0 (12.0), Shut Off 135 (19.6)
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	23-30 gr/sec @ 83 (12.0)

Fuel Tank

Capacity refill L (gallons)		75.7 (20.0)
Location (describe)		Under Rear Deck
Attachment		Rests on Rear Frame Extension, Held with Straps
Material & Mass kg. (weight lbs.)		Super Tempe Coated Steel with High Density Polyethylene Liner (*)
Filter pipe	Location & material	Center of Rear Deck
	Connection to tank	Bolted with Gasket on Top of Tank
Fuel line (material)		Super Tempe Coated Steel
Fuel hose (material)		Viton
Return line (material)		Super Tempe Coated Steel
Vapor line (material)		Super Tempe Coated Steel
Extended range tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	-
	Location & material	-
	Attachment	-
Auxiliary tank	Opt., n.a.	Not Applicable
	Capacity L (gallons)	-
	Location & material	-
	Attachment	-
	Selector switch or valve	-
Separate fill		-

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO LT5

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

Induction type: carburetor, fuel injection system, etc.		Sequential Fuel Injection
Manufacturer		AC/Rochester Products
Carburetor no. of barrels		None
Idle A/F mix.		Preset - No Adjustment Provided
Fuel injection	Point of injection (no.)	Fuel injectors at Inlet Ports
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic - On Board Computer
	System pressure kPa (psi)	Not Applicable
Idle speed-rpm (spec. neutral or drive and propane if used)	Manual	None
	Automatic	PCM Controlled
Intake manifold heat control (exhaust or water thermostatic or fixed)		Water, Thermostat
Air cleaner type		Replaceable Paper Element
Fuel filter (type/location)		Frame Mounted
Fuel pump	Type (elec. or mech.)	Electric - Dual Turbine
	Location (eng., tank)	In Fuel Tank
	Pressure range kPa (psi)	
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	

Fuel Tank

Capacity refill L (gallons)		75.7 (20.0)
Location (describe)		Under Rear Deck
Attachment		Rests on Rear Frame Extension, Held with Straps
Material & Mass kg. (weight lbs.)		Super Tempe Coated Steel with High Density Polyethylene Liner (*)
Filler pipe	Location & material	Center of Rear Deck
	Connection to tank	Bolted with Gasket on Top of Tank
Fuel line (material)		Super Tempe Coated Steel
Fuel hose (material)		Viton
Return line (material)		Super Tempe Coated Steel
Vapor line (material)		Super Tempe Coated Steel
Extended range tank	Opt., n.s.	Not Applicable
	Capacity L (gallons)	.
	Location & material	.
	Attachment	.
Auxiliary tank	Opt., n.s.	Not Applicable
	Capacity L (gallons)	.
	Location & material	.
	Attachment	.
	Selector switch or valve	.
Separate fill		.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO LT1

Vehicle Emission Control

Type (air injection, engine modifications, other)		Air Injection W/Computer Command Control		
Exhaust Emission Control	Air Injection	Pump or pulse	Vane	
		Driven by	Electric	
		Air distribution (head, manifold, etc.)	Exhaust Manifold (Computer Command Control)	
		Point of entry	Exhaust Manifold, Top Center Two Exhaust Ports	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow	
		Exhaust source	Exhaust Manifold	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold	
	Catalytic Converter	Type	3 Way	
		Number of	2	
		Location(s)	Exhaust Manifold (Close Coupled)	
		Volume L (in ³)	2.05 (125.3), Each	
		Substrate type	Monolith	
Noble metal type		Platinum (Pt), Rhodium (Rh)		
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 Plenum		
	Air inlet (breather cap, other)	Air Cleaner		
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel Tank	Charcoal	
		Carburetor	--	
	Vapor storage provision	Canister		
Electronic system	Closed loop (yes/no)	Yes		
	Open loop (yes/no)	No		

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Dual
⊗	Muffler no. & type (reverse flow, straight thru, separate resonator), Muffler volume (liters), Material & Mass kg. (weight lbs.)	2, Tri Flow, Aluminized Stainless Steel, 28.57 (62.98)
⊗	Resonator no., type, & volume (liters)	1, Cross Flow
Exhaust pipe	Branch o.d., wall thickness	RH - 69.85 x 1.37 mm (2.75 x .054 in.); LH - 69.85 x 1.37 mm (2.75 x .054 in.)
	Main o.d., wall thickness	
	Material & Mass kg. (weight lbs.)	Aluminized Stainless Steel
Intermediate pipe	o.d. & wall thickness	RH - 69.85 x 1.09 mm (2.75 x .04 in.); LH - 69.85 x 1.09 mm (2.75 x .04 in.)
	Material & Mass kg. (weight lbs.)	Aluminized Stainless Steel
Tail pipe	o.d. & wall thickness	Single Wide Wall, 1.37 mm (0.54 in.)
	Material & Mass kg. (weight lbs.)	Aluminized Stainless Steel/RH & LH Outer

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO L75

Vehicle Emission Control

Type (air injection, engine modifications, other)		Air Injection W/Computer Command Control	
Exhaust Emission Control	Air Injection	Pump or pulse	Vane
		Driven by	Electric
		Air distribution (head, manifold, etc.)	Exhaust Manifold (Computer Command Control)
		Point of entry	Exhaust Manifold
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow - Linear
		Exhaust source	Exhaust Manifold
	Catalytic Converter	Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold
		Type	3 Way
		Number of	2
		Location(s)	Exhaust Manifold (Close Coupled)
Volume L (in ³)		2.05 (125.3), Each	
Substrate type		Monolith	
Crankcase Emission Control	Noble metal type	Platinum (Pt), Rhodium (Rh)	
	Noble metal concentration (g/cm ²)	0.0009233 Each	
	Type (ventilates to atmosphere, induction system, other)	Induction System	
	Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum	
Evaporative Emission Control	Discharges to (intake manifold, other)	Intake Plenum	
	Air Inlet (breather cap, other)	Air Cleaner	
	Vapor vented to (crankcase, canister, other)	Canister	
Electronic system	Fuel Tank	Charcoal	
	Carburetor	--	
Electronic system	Vapor storage provision	Canister	
	Closed loop (yes/no)	Yes	
	Open loop (yes/no)	No	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Dual
⊘	Muffler no. & type (reverse flow, straight thru, separate resonator), Muffler volume (liters), Material & Mass kg. (weight lbs.)	2, Straight Thru Aluminized Stainless Steel, 28.35 (62.50)
⊘	Resonator no., type, & volume (liters)	1, Cross Flow
Exhaust pipe	Branch o.d., wall thickness	RH - 69.85 x 1.37 mm (2.75 x .054 in.); LH - 69.85 x 1.37 mm (2.75 x .054 in.)
	Main o.d., wall thickness	
	Material & Mass kg. (weight lbs.)	Aluminized Stainless Steel
Intermediate pipe	o.d. & wall thickness	RH - 69.85 x 1.09 mm (2.75 x .04 in.); LH - 69.85 x 1.09 mm (2.75 x .04 in.)
	Material & Mass kg. (weight lbs.)	Aluminized Stainless Steel
Tail pipe	o.d. & wall thickness	RH & LH Outer - 69.85 x 1.37 (2.75 x .05 in.);
	Material & Mass kg. (weight lbs.)	Aluminized Stainless Steel/RH & LH Outer

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (e) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO LT1

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

Manual 4-speed (manufacturer/country)	Not Applicable
Manual 5-speed (manufacturer/country)	"
Manual 6-speed (manufacturer/country)	Zahnradfabrik Friedrichshafen AG (ZF) Gainesville, Georgia, USA
Automatic (manufacturer/country)	Not Applicable
Automatic overdrive (manufacturer/country)	Hydra-Matic, U.S.A. (M30)

Manual Transmission/Transaxle

Number of forward speeds		6
Gear ratios	1st	2.64
	2nd	1.78
	3rd	1.30
	4th	1.00
	5th	.74
	6th	.49
	Reverse	2.42
Synchronous meshing (specify gears)		All Forward Gears, including Reverse
Shift lever location		Rear - Trans MTD.
Trans. case material & mass kg. (lbs.)*		Aluminum, 69.0 (151.8)
Lubricant	Capacity L (pt.)	2.1 (.987)
	Type recommended	5W-30 Texaco

Clutch (Manual Transmission)

Clutch manufacturer		Valeo Clutches & Transmissions *
Clutch type (dry, wet; single, multiple disc)		280 mm Pull Type - Dry Clutch, Magnesium Housing
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic Pre-Filled
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	178 (40)
	Released	133 (30)
Assist (spring, power/percent, nominal)		None
Type pressure plate springs		Diaphragm
Total spring load (nominal) N (lbs.)		10,600 (2,383)
Clutch facing	Facing mfg. & material coding	Valeo F-202
	Facing material & construction	Non-Asbestos Woven
	Rivets per facing	18
	Outside x inside dia. (nominal)	280 x 180 mm (11.02 x 7.09 in.)
	Total eff. area cm ² (in. ²)	361.3 (56)
	Thickness (pressure plate side/fly wheel side)	3.3 / 3.3mm (.130 / .130 in.)
	Rivet depth (pressure plate side/fly wheel side)	1.0 mm (.039 in.)
Engagement cushion method		Cushion Springs
Release bearing type & method lub.		Angular Contact Ball Bearing
Torsional damping method, springs, hysteresis		Dual-Mass Flywheel (Non-Dampened Clutch Disc)

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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (•) _____

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO L75

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

Manual 4-speed (manufacturer/country)	Not Applicable
Manual 5-speed (manufacturer/country)	
Manual 6-speed (manufacturer/country)	Zahnradfabrik Friedrichshafen AG (ZF) Gainesville, Georgia, USA *
Automatic (manufacturer/country)	
Automatic overdrive (manufacturer/country)	

Manual Transmission/Transaxle

Number of forward speeds		6
Gear ratios	1st	2.64
	2nd	1.78
	3rd	1.30
	4th	1.00
	5th	.74
	6th	.49
	Reverse	2.42
Synchronous meshing (specify gears)		All Forward Gears, including Reverse
Shift lever location		Rear - Trans MTD.
Trans. case material & mass kg. (lbs.)*		Aluminum, 69.0 (151.8)
Lubricant	Capacity L (pt.)	2.1 (.987)
	Type recommended	5W-30 Texaco

Clutch (Manual Transmission)

Clutch manufacturer		Valeo Clutches & Transmissions *
Clutch type (dry, wet; single, multiple disc)		280 mm Pull Type - Dry Clutch, Magnesium Housing
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic Pre-Filled
Max. pedal effort (nom. spring load) N (lbs.)	Depressed	178 (40)
	Released	133 (30)
Assist (spring, power/percent, nominal)		None
Type pressure plate springs		Diaphragm
Total spring load (nominal) N (lbs.)		12,000 (2,638)
Clutch facing	Facing mfg. & material coding	Valeo F-202
	Facing material & construction	Non-Asbestos Woven
	Rivets per facing	18
	Outside x inside dia. (nominal)	280 x 180 mm (11.02 x 7.09 in.)
	Total eff. area cm ² (in. ²)	361.3 (56)
	Thickness (pressure plate side/fly wheel side)	3.3 / 3.3mm (.130 / .130 in.)
	Rivet depth (pressure plate side/fly wheel side)	1.0 mm (.039 in.)
Engagement cushion method		Cushion Springs
Release bearing type & method lub.		Angular Contact Ball Bearing
Torsional damping method, springs, hysteresis		Dual-Mass Flywheel (Non-Dampened Clutch Disc)

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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (e) _____

METRIC (U.S. Customary)

Engine Description	5.7 LITER V8 (350 CID)
Engine Code	SEQUENTIAL FUEL INJECTION RPO LT1

Automatic Transmission/Transaxle

Trade Name		Hydra-Matic 4L60E
Type and special features (describe)		4-Speed Automatic Overdrive 4th Gear, Lock Up Torque Converter Clutch
Shift mechanics		2-3 and 3-2 Shifts are Synchronized
Gear selector	Location (column, floor, other)	On Floor Console
	Ltr./No. designation (e.g. PRND21)	P-R-N-D-2-1
	Shift interlock (yes, no, describe)	Yes (Brake Interlock)
Gear ratios	1st	3.06
	2nd	1.63
	3rd	1.00
	4th	0.70 (Computer Controlled Torque Converter Clutch)
	5th	Not Applicable
	6th	-
	Reverse	2.29
	Final drive ratio	Not Applicable
Max. upshift vehicle speed - drive range km/h (mph)		2.59 Axle: 1-2 = 79 (49); 2-3 = 150 (93); 3-4 = N/A (@ Wide Open Throttle) 3.07 Axle: 1-2 = 66 (41); 2-3 = 124 (77); 3-4 = 214 (133) (@ Wide Open Thrst)
Max. upshift engine speed RPM		5700 RPM
Max. kickdown speed - drive range km/h (mph)		2.59 Axle: 4-3 = N/A; 3-2 = 140 (87); 2-1 = 64 (40) 3.07 Axle: 4-3 = 201 (125); 3-2 = 116 (72); 2-1 = 51 (32)
Min. overdrive speed km/h (mph)		47 (29)
Torque converter	Type	3 Element with Converter Clutch
	Torus design	
	Number of elements	3
	Max. ratio at stall	1.91
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 (11.75)
Capacity factor "K"		100
Pump type		Vane
Lubricant	Capacity refill L (pt.)	4.8 (10)
	Type recommended	Dexron III
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Standard External, Liquid
Transmission mass kg (lbs.) & case material**		80.5 (176) Wet, Aluminum

All Wheel / 4 Wheel Drive

(Not Applicable)

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		
Transfer case	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 (% front/rear)	

* Input speed + $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Engine Description 5.7 LITER V8 (350 CID)
 Engine Code SEQUENTIAL FUEL INJECTION RPO LT5

Automatic Transmission/Transaxle (Not Applicable)

Trade Name		
Type and special features (describe)		
Shift mechanics		
Gear selector	Location (column, floor, other)	
	Ltr./No. designation (e.g. PRND21)	
	Shift interlock (yes, no, describe)	
Gear ratios	1st	
	2nd	
	3rd	
	4th	
	5th	
	6th	
	Reverse	
	Final drive ratio	
Max. upshift vehicle speed - drive range km/h (mph)		
Max. upshift engine speed RPM		
Max. lockdown speed - drive range km/h (mph)		
Min. overdrive speed km/h (mph)		
Torque converter	Type	
	Torus design	
	Number of elements	
	Max. ratio at stall	
	Type of cooling (air, liquid)	
	Nominal diameter	
Capacity factor "K"		
Pump type		
Lubricant	Capacity refill L (pt.)	
	Type recommended	
Oil cooler (std., opt., N.A., internal, external, air, liquid)		
Transmission mass kg (lbs.) & case material**		

All Wheel / 4 Wheel Drive (Not Applicable)

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		
Transfer case	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 (% front/rear)	

* Input speed + $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (0)

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO LT1

Axle Ratio and Tooth Combinations

(See "Power Teams" for axle ratio usage)

		AUTOMATIC - M30		MANUAL - M19
Axle ratio (or overall top gear ratio)		2.59 (1.81)	3.07 (2.15)	3.45 (1.72)
Ring gear o.d.		200 (7.875)		216 (8.5)
No. of teeth	Pinion	17	14	11
	Ring gear	44	43	38

Rear Axle Unit

Description		Overhung Pinion Gear Dana Model 36	Dana Model 44
Limited slip differential (type)		Disc Clutches	
Drive pinion	Type	Hypoid	
	Offset	38.1 (1.50)	
No. of differential pinions		2	
Pinion / differential	Adjustment (shim, etc.)	Shim	
	Bearing adjustment	Shim	
Driving wheel bearing (type)		Tapered Roller	
Lubricant	Capacity L (pt.)	1.42 (3.0)	1.30 (2.75)
	Type recommended	GL-5 Gear Lubricant EOW-90	

Propeller Shaft - Rear Wheel Drive

Manufacturer		Straight Tube, External Damper (Auto)		Manual (No Damper)
Type (straight tube, tube-in-tube, internal-external damper, etc.)				
Outer diam. x length* x wall thickness	Manual 4-speed transmission	Not Available		
	Manual 5-speed transmission	Not Available		
	Manual 6-speed transmission	Not Available		
	Overdrive			
Intermediate bearing	Automatic transmission	Aluminum 76.2 x 825.5 x 3.05 mm (3.00 x 32.5 x 0.12 in.)		
	Type (plain, anti-friction)	None		
Slip yoke	Lubrication (fitting, prepack)	-		
	Type	Spined		
	Number of teeth	Manual Trans - 32 Automatic Trans - 27		
Universal joints	Spline o.d.	Manual Trans - 34.95 mm (1.38 in.) Automatic Trans - 29.7 mm (1.17 in.)		
	Make and mfg. no.	Front	#1311	
		Rear	#1318	
	Number used	2		
Type (ball and trunnion, cross)	Cross			
Rear attach (u-bolt, clamp, etc.)	Strap and Bolt			
Bearing	Type (plain, anti-friction)	Anti-Friction		
	Lubrication (fitting, prepack)	Prepacked		
Drive taken through (torque tube, arms or springs)		Driveline Beam		
Torque taken through (torque tube, arms or springs)		Torque Control Arms		

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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (#)

METRIC (U.S. Customary)

Engine Description
 Engine Code

5.7 LITER V8 (350 CID)
SEQUENTIAL FUEL INJECTION RPO LT1

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Axle ratio (or overall top gear ratio)		3.45:1 (1.72)
Ring gear o.d.		216 (8.5)
No. of teeth	Pinion	11
	Ring gear	38

Rear Axle Unit

Description		Overhung Pinion Gear Dana Model 44
Limited slip differential (type)		Disc Clutches
Drive pinion	Type	Hypoid
	Offset	38.1 (1.50)
No. of differential pinions		2
Pinion / differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Shim
Driving wheel bearing (type)		Tapered Roller
Lubricant	Capacity L (pt.)	1.30 (2.75)
	Type recommended	GL-5 Gear Lubricant EOW-90

Propeller Shaft - Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight Tube	
Outer diam. x length* x wall thickness	Manual 4-speed transmission	Not Applicable	
	Manual 5-speed transmission		
	Manual 6-speed transmission	76.2 x 804.9 x 2.41 (3.0 x 31.69 x .095) Aluminum	
	Overdrive		
Intermediate bearing	Automatic transmission	Not Applicable	
	Type (plain, anti-friction)	None	
Slip yoke	Lubrication (fitting, prepack)		
	Type	Splined	
	Number of teeth	32	
Universal joints	Spline o.d.	34.95 mm (1.38 in.)	
	Make and mfg. no.	Front	Dana #1311
		Rear	Dana #1318
	Number used	2	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt, clamp, etc.)	Strap and Bolt	
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubrication (fitting, prepack)		Prepacked	
Drive taken through (torque tube, arms or springs)		Driveline Beam	
Torque taken through (torque tube, arms or springs)		Torque Control Arms	

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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (e) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

2 DOOR 1YY07 HATCHBACK COUPE

2-Door 1YY67 CONVERTIBLE

Suspension - General Including Electronic Controls

Car leveling	Standard/optional/not available	Not Applicable	
	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	See Page 11A		
Shock absorber damping controls	Standard/option/not available	Optional	
	Manual/automatic control	Manual 3/6 Automatic Settings within Each Manual Setting	
	Number of damping rates	18	
	Type of actuation (manual/electric motor/air, etc.)	Manual Selection & Speed Control with Electric Motors	
	Sensors	Lateral acceleration	Not Applicable
		Deceleration	"
		Acceleration	"
Road surface		"	
Shock absorber (front & rear)	Type	All: Monotube, Gas Charged	
	Make	Base - de Carbon Opt. Bilstein	
	Piston diameter	46 mm (1.81 in.)	
	Rod diameter	10 mm (0.393 in.)	

Suspension - Front

Type and description	See Page 11A	
Travel	Full bounce (define load condition)	88 mm (3.46 in.), Metal to Metal
	Full rebound	91.0 mm (3.58 in.)
Spring	Type (coil, leaf, other & material)	Monoleaf, Filament Wound Glass - Epoxy Composite
	Insulators (type & material)	Pivot: Teflon - Filled Nylon and Aluminum, Enclosed in Rubber
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Leaf: 1152 mm (45.4 in.) x 115 mm (4.53 in.) Coil & Bar - Not Applicable
	Spring rate N/mm (lb./in.)	Cpe. 60.0 (34.3), Conv. 73.2 (418), FX3 60.0 (343), FE7 90.1 (515), ZR1 75.4 (431)
	Rate at wheel N/mm (lb./in.)	Cpe. 22.8 (130), Conv. 25.7 (147), FX3 22.8 (130), FE7 29.4 (168), ZR1 26.1 (149)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & O.D. bar/tube, wall thickness	Base 24 mm (0.94 in.) Dia. Tube, 3.6 mm (0.14 in.) wall, FE7 30 mm (1.18 in.) bar, ZR1 26 mm (1.02 in.) tube, 3.6 mm (0.14 in.) wall

Suspension - Rear

Type and description	See Page 11A	
Travel	Full bounce (define load condition)	86 mm (3.39 in.), Metal to Metal
	Full rebound	Base & Convertible - 78.0 mm (3.07 in.), Z07-71.0 mm (2.8 in.)
Spring	Type (coil, leaf, other & material)	Monoleaf, Filament Wound Glass - Epoxy Composite
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	Leaf: 1186 mm (46.7 in.) x 89 mm (3.50 in.) Coil & Bar - Not Applicable
	Spring rate N/mm (lb./in.)	Cpe. 26.0 (149), Conv. 39.9 (228), FX3 26.0 (149), FE7 57.2 (327), ZR1 33.0 (188)
	Rate at wheel N/mm (lb./in.)	Cpe. 20.2 (116), Conv. 27.1 (135), FX3 20.2 (116), FE7 35.5 (203), ZR1 23.7 (135)
	Insulators (type & material)	Dual Polyurethane
	If leaf	No. of leaves
Shackle (comp. or tens.)		Tension
Stabilizer	Type (link, linkless, frameless)	Link
	Material & O.D. bar/tube, wall thickness	Base & FE7 24mm (0.94 in.) Dia. Tube, 3.6 mm (0.14 in.) wall, ZR1 26 mm (1.02 in.) Bar
Track bar (type)	None	

MVMA Specifications

Vehicle Line	<u>CORVETTE</u>	Issued	<u>9/94</u>	Revised (●)	<u> </u>
Model Year	<u>1995</u>				

METRIC (U.S. Customary) SUPPLEMENTAL PAGE

PROVISIONS FOR JACKING:

Place Jackhead Between Locator Triangles on Rocker Flange Nearest to Tire Being Changed. Make Sure Jack is Under The Steel Flange.

SUSPENSION - FRONT

Independent SLA Forged Aluminum Upper and Lower Control Arms and Steering Knuckle, Transverse Monoleaf Spring and Steel Stabilizer, Spindle Offset.

SUSPENSION - REAR

Independent 5 - Link Design with Tow and Camber Adjustment, Forged Aluminum Control Links and Knuckle, Transverse Monoleaf Spring, Steel Tie Rods and Stabilizer, Tubular U-Jointed Aluminum Driveshafts.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (0)

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

Brakes - Service

Description		Hydraulic Power Brake Front and Rear Disc Base J19 and Heavy Duty J55 Systems	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	B.C.I.A. Standard Pad Guided Caliper	
	Rear (disc or drum)	B.C.I.A. Standard Pin Guided Caliper	
Valving type (proportion, delay, metering, other)		Rear Proportioner Integral with Master Cylinder	
Power brake (std., opt., n.a.)		Standard	
Booster type (remote, integral, vac., hyd., etc.)		Vac 240 mm Single Diaph. .65 sq. in.	
Vacuum	Source (inline, pump, etc.)	Engine Plenum	
	Reservoir (volume in. ³)	Not Applicable	
	Pump-type (elec., gear or belt driven)	-	
Traction assist	Operational speed range	All Speeds	
	Type (engine or brake intervention)	Engine and Brake Intervention	
Antilock device	Front/rear (std., opt., n.a.)	Standard Front and Rear	
	Manufacturer	Bosch ABS/ASR IIU	
	Type (electronic, mech.)	Electrohydraulic	
	Number sensors or circuits	(4) Wheel Sensors	
	Number antilock hydraulic circuits	4 (2 Front and 2 Rear) Hydraulic	
	Integral or add-on system	Add-On	
	Yaw control (yes, no)	Yes	
Hyd. power source (elec., vac., mtr., pwr., strg.)		Electronic Motor Pump	
Effective area cm ² (in. ²)*		Front Linings 209 (32.4) (W/O Grooves); Rear Linings 119 (18.4) (W/O Grooves)	
Gross Lining area cm ² (in. ²)** (F/R)		Front Linings 213 (33.0) (W/O Grooves); Rear Linings 119 (18.4) (W/O Grooves)	
Swept area cm ² (in. ²)*** (F/R)		Front 660 Base / 722 H.D.; 589 Rear	
Rotor	Outer working diameter	F/R	F-Base/302.3 mm; F-H.D. / 327.3 mm; R/302.7 mm
	Inner working diameter	F/R	F-Base/222.3 mm; F-H.D. / 247.3 mm; R/232.7 mm
	Thickness	F/R	F-Base/20 mm; F-H.D./28 mm; R/20 mm
	Material & type (vented/solid)	F/R	Gray Iron Vented Front, HCE Iron, Vented Rear
Drum	Diameter & width	F/R	Not Applicable
	Type and material	F/R	-
Wheel cylinder bore		Front Dual Piston 38 mm (1.5 in.) Rear 40.5 mm (1.6 in.)	
Master cylinder	Bore/stroke	F/R	Front 23.7 / 20.4 mm (.93/.80 in.) Rear 23.7 / 13.7 mm (.93/.54 in.)
Pedal arc ratio		4.0:1	
Line press. at 445 N (100 lb.) pedal load [kPa (psi)]		W/Power Front 8005 (1160), Rear 4690 (680)	
Lining clearance		F/R	Front and Rear Self Adjusting
Brake lining	Front wheel	Bonded or riveted (rvts/seg.)	Integral Mold
		Rivet Size	Not Applicable
		Manufacturer	Japan Brake Industries
		Lining code ****	JB CP26, FE Code
		Material	Semi-Metallic Non-Asbestos
		**** Primary or out-board	Front 135 x 40 x 9.5 mm (5.31 x 1.57 x 0.37 in.)
		Size Secondary or in-board	Front 135 x 40 x 9.5 mm (5.31 x 1.57 x 0.37 in.)
	Shoe thickness (no lining)	6.0 mm (0.236 in.)	
	Rear wheel	Bonded or riveted (rvts/seg.)	Integral Mold
		Manufacturer	Japan Brake Industries
		Lining code ****	JB H3H - B33, GF Code
		Material	Semi-Metallic Non-Asbestos
		**** Primary or out-board	108 x 35 x 8.5 mm (4.25 x 1.38 x 0.33 in.)
		Size Secondary or in-board	94 x 35 x 8.5 mm (3.70 x 1.38 x 0.33 in.)
Shoe thickness (no lining)		O.B. 4mm (0.157 in.), I.B. 5.5 mm (0.216 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 circumference.)
 (Disc brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by Pi/2 for each brake.)
 **** Size for drum brakes includes length x width x thickness. ***** Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (#) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

Tires And Wheels (Standard)

Tires	Size (service description)		P255/45ZR17 Front, P285/40ZR17 Rear, Base		
	Type (bias, radial, steel, nylon, etc.)		High Speed Steel Belted Radial Eagle 40ZR (Goodyear), Unidirectional & Asymmetrical		
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	240 (35)	207 (30)	
		Rear kPa (psi)	240 (35)	207 (30)	
Rev./mile at 70 km/h (45 mph)		497 (P255), 499 (P285)			
Wheels	Type & material		Left-Right Aluminum Alloy Road Wheels with Specific Vent Design		
	Rim (size & flange type)		17 x 8.5 Front, 17 x 9.5 Rear, Left-Right Specific		
	Wheel offset		56 mm (1.97 in.)		
	Attachment	Type (bolt or stud & nut)	Stud		
		Circle diameter	120.7 mm (4.75 in.)		
Number & size		5 Hex Nuts, One Anti-Theft; M12 x 1.5 - 6H			
Spare	Tire and wheel		T155/70D17, (17 x 4 Wheel)		
	Storage position & location (describe)		Horizontal Under Fuel Tank		

Tires And Wheels (Optional)

Tire size (service description)		P315/35ZR17 (1YZ07) Rear Only	
Type (bias, radial, steel, nylon, etc.)		High Speed Steel Belted Radial Eagle 35 ZR (Goodyear)	
Wheel (type & material)		Left-Right Aluminum Alloy Road Wheels W/Specific Vent Design	
Rim (size, flange type and offset)		17 x 11 Rear, Left - Right Specific 36.0 Offset ZR-1 Rear Only	
Tire size (service description)		P275/40ZR17-ZR-1 Front Only; Z07 Front & Rear	
Type (bias, radial, steel, nylon, etc.)		High Speed Steel Belted Radial Eagle 40ZR (Goodyear)	
Wheel (type & material)		17 x 9.5 - ZR-1 Front Only; Z07 Front & Rear	
Rim (size, flange type and offset)			
Tire size (service description)			
Type (bias, radial, steel, nylon, etc.)			
Wheel (type & material)			
Rim (size, flange type and offset)			
Tire size (service description)			
Type (bias, radial, steel, nylon, etc.)			
Wheel (type & material)			
Rim (size, flange type and offset)			
Spare tire and wheel size			
(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		Same As Standard	

Brakes - Parking

Type of control		Lever Apply, Button Release, Auto Cable Adjust	
Location of control		Inner Left Door Sill	
Operates on		Integral Rear Caliper Lock Plate Actuator	
If separate from service brakes	Type (internal or external)	Not Applicable	
	Drum diameter	-	
	Lining size (length x width x thickness)	-	

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

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	
	(std., opt., n.a.)	Standard	
Wheel diameter ^{**} (W9) SAE J1100	Manual	Not Available	
	Power	380 mm (15.0 in.)	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	12.6 (41.3)
		Curb to curb (l. & r.)	12.2 (40.0)
	Inside rear	Wall to wall (l. & r.)	Not Available
		Curb to curb (l. & r.)	-
Scrub Radius*			
Manual	Gear	Type	Not Available
		Manufacturer	-
		Ratios	Overall
	No. wheel turns (stop to stop)		-
Power	Type (coaxial, elec. hyd., etc.)		Alloy Rack and Pinion Hydraulic
	Manufacturer		Saginaw Division
	Gear	Type	End Take-Off
		Ratios	Overall
	Pump (drive)		Accessory Belt Driven, Lt. Wt. Transverse Compact Pump
No. wheel turns (stop to stop)		2.32 Turns	
Linkage	Type		End Take-Off
	Location (front or rear of wheels, other)		Front of Wheel
	Tie rods (one or two)		2
Steering axis	Inclination at camber (deg.)		8.744
	Bearings (type)	Upper	Ball Joint (M/M W/Anti-Friction Washer); Anti-Corrosive
		Lower	Ball Joint (M/M W/Anti-Friction Washer); Anti-Corrosive
		Thrust	Lower Ball Joint
Steering spindle/truckle & joint type		Upper and Lower Ball Joints; Anti-Corrosive	

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

** See Page 23.

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*)

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY6

Wheel Alignment

Front wheel at curb mass (wL)	Service checking	Caster (deg.)	6.0 (±) 0.5
		Camber (deg.)	0.8 (±) 0.5
		Toe-in outside track mm (in.)	0.0 (±) .10
	Service reset*	Caster (deg.)	—
		Camber (deg.)	—
		Toe-in mm (in.)	—
Periodic M.V. inspection	Caster (deg.)	—	
	Camber (deg.)	—	
	Toe-in mm (in.)	—	
Rear wheel at curb mass (wL)	Service checking	Camber (deg.)	0 (±) 0.5
		Toe-in outside track mm (in.)	0.0 (±) .1
	Service reset*	Camber (deg.)	—
		Toe-in mm (in.)	—
	Periodic M.V. insp.	Camber (deg.)	—
		Toe-in mm (in.)	—

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

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)	Digital, Standard
	Trip odometer (std., opt., n.a.)	Standard
Head-up display	Standard, optional, not available	Not Available
	Type	Secondary, opto-electronic
	Speedometer	Digital
	Status/warning indicators	Turn signals, high beam, low fuel, check gauges
	Brightness control	Day / night mode, adjustable
EGR maintenance indicator		Not Available
Charge indicator	Type	Analog Display, Digital
	Warning device (light, audible)	Standard - Warning Indicator and Lamp
Temperature indicator	Type	Analog Display, Digital
	Warning device (light, audible)	Standard - Warning Indicator and Lamp
Oil pressure indicator	Type	Analog Display
	Warning device (light, audible)	Standard - Warning Indicator and Lamp
Fuel indicator	Type	Electric Liquid Crystal - Analog
	Warning device (light, audible)	Standard - Warning Indicator Signals - Reserve
Windshield wiper	Type (standard)	Intermittent Control System
	Type (optional)	Not Available
	Blade length	508 mm (20 in.)
Windshield washer	Swept area cm ² (in. ²)	6920 (1072.9)
	Type (standard)	Push Button - Manual
	Type (optional)	Not Available
Rear window wiper, wiper/washer (std., opt., n.a.)	Fluid level indicator (light, audible)	Not Available
	Type	Not Available
Horn	Type	Air Horn
	Number used	2
Other		See Page 15A

MVMA Specifications

Vehicle Line CORVETTE
Model Year 1995 Issued 9/94 Revised (e) _____

METRIC (U.S. Customary) SUPPLEMENTAL PAGE

These Lights surround the IP Cluster:

- Door Ajar Light
- Check Gages Light
- Security Light
- Change Oil Light
- Shift One to Four Light
- Brake Light
- Safety Belt Light
- Park Brake Light

The Center of the Cluster Shows:

- Speedometer
- Odometer
- Fuel Gage
- Trip Monitor Readout

These Telltales Illuminate in The Driver Information Center (DIC)

- Service LTPWS
- Low/Flat Tire
- Low Coolant
- Air Bag
- Service Ride Control
- Battery Symbol
- Service Engine Soon
- ABS Active
- Low Oil
- Service ABS
- Service ASR
- ASR Active
- ASR Off
- Passive Keyless Entry
- Hazard Icon (Europe)
- Cat Temp (Japan Only)

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Engine Code/Description

5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO LT1

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	655
	Voltage	12
	Amps at 0° F. cold crank	525
	Minutes-reserve capacity	90
	Amps/hrs.-20 hr. rate	54
Location		Engine Compartment Directly Behind Left Wheel Opening
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	50/140
	Ratio (alt. crank/rev.)	3.07:1
	Output at idle (rpm, park)	50 Amps @ 618 rpm
	Optional (type & rating)	Not Available
Regulator	Type	Micro Circuit Unit, Integral with Alternator

Electrical - Starting System

Motor	Manufacturer	Nippon Denso
	Current drain _____ °C (°F)	350 Amps
	Power rating (hp)	1.6 (2.1)
Motor drive	Engagement type	Positive Shift Solenoid
	Pinion engages from (front, rear)	Rear

Electrical - Ignition System

Type	Electronic (std., opt., n.s.)	Standard	
	Other (specify)	Opti-Spark Ignition System	
Coil	Manufacturer	Delco Remy	
	Model	1106011	
	Current	Engine stopped - A	--
		Engine idling - A	--
Spark plug	Manufacturer	AC	
	Model	R45LTSP	
	Thread (mm)	M14 x 1.25	
	Tightening torque N-m (lb. ft.)	24-30 (18-22)	
	Gap	1.27 mm (0.050 in.)	
Distributor	Number per cylinder	1	
	Manufacturer	Delco Remy	
	Model	1103878	

Electrical - Suppression

Locations & type	Internal Generator Capacitor, Non-Metallic High-Tension Cables, Resistor Spark Plugs, Ignition Coil By-Pass Capacitor, Internal AC Blower Motor By-Pass Capacitor & A/C Compression Diode, with Radio Provisions; Fuse Block Capacitor and On "Heater Only" Blower Motors and Coax Capacitor.
------------------	---

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (●) _____

METRIC (U.S. Customary)

Engine Code/Description

**5.7 LITER V8 (350 CID)
 SEQUENTIAL FUEL INJECTION RPO LTS**

Electrical - Supply System

Battery	Manufacturer	Delco Remy
	Model, std., (opt.)	Model # 484, Standard
	Voltage	12
	Amps at 0° F. cold crank	690
	Minute-reserve capacity	90
	Amps/hrs.-20 hr. rate	54
	Location	Engine Compartment Directly Behind Left Wheel Opening
Alternator	Manufacturer	Delco Remy
	Rating (idle/max. rpm)	50/140
	Ratio (alt. crank/rev.)	2.559
	Output at idle (rpm, park)	50 Amps @ 618 rpm
	Optional (type & rating)	None
Regulator	Type	Micro Circuit Unit, Integral with Alternator

Electrical - Starting System

Motor	Manufacturer	Nippon Denso
	Current drain _____ °C (°F)	425 Amps
	Power rating (kw (hp))	1.6 (2.1)
Motor drive	Engagement type	Coaxial Solenoid
	Pinion engages from (front, rear)	Front

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Standard	
	Other (specify)	Direct Fire Ignition System	
Coil	Manufacturer	Delco Remy	
	Model	--	
	Current	Engine stopped - A	--
		Engine idling - A	--
Spark plug	Manufacturer	AC	
	Model	FR2LS	
	Thread (mm)	M14 x 1.25	
	Tightening torque N-m (lb. ft.)	9-20 (7-15)	
	Gap	.035 (.089)	
	Number per cylinder	1	
Distributor	Manufacturer	Delco Remy	
	Model	Direct Fire Ignition (40TY)	

Electrical - Suppression

Locations & type	Internal Alternator Capacitor, Non-Metallic High-Tension Cables, Resistor Spark Plugs, Ignition Coil By-Pass Capacitor, Internal AC Blower Motor By-Pass Capacitor & A/C Compression Diode, with Radio Provisions; Fuse Block Capacitor and Coax Capacitor.
------------------	---

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY

Body

Structure	Integral Perimeter Frame - Birdcage Forms Strong Unitized Body Structure. Aerodynamically Shaped Body with Deeply Angled Windshield (64 deg.). All Major Body Panels SMC Reinforced Composite with Molded-In Coating. Single Lift Off Roof Panel (Coupe) Effective Pass; Compartment Insulation, Tinted Glass All Around. "Unibase" Paint Process, Final Clear Coat Paint Finish.
Bumper system front -rear	Front - Full-width polypropylene foam energy absorber backed up by an impact bar of strong continuous glass fiber plastic. Body color, glass-reinforced rim fascia. Rear-full width polypropylene foam energy absorber. Body color, glass-reinforced rim fascia. Extruded aluminum impact bar.
Anti-corrosion treatment	All Encompassing Corrosion Protection Including Extensive Use of Aluminum; Galvanization; Use of Specially Treated Fasteners; Austenitic Stainless Steel or Specially Coated Brackets, Clamps, Clips and Braces; Use of Aluminized Steel, Dip Painted; Use of Materials that Resist Corrosion.

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	High Solids Base Coat Enamel with High Solids Clear Coat	
Hood	Material & mass	Sheet Molding Compound with Steel Reinforcements, 33.6 kg (74.1 lbs.)
	Hinge location (front, rear)	Front
	Type (counterbalance, prop)	Hinged Clamshell Hood
	Release control (internal, external)	Interior
Trunk lid	Material & mass	Not Applicable
	Type (counterbalance, other)	-
	Internal release control (elec., mech., n.a.)	-
Hatchback lid	Material & mass	Tempered, Tinted Safety Glass 19.05 kg. (42.0 lbs.)
	Type (counterbalance, other)	Dual Gas Struts
	Internal release control (elec., mech., n.a.)	Electric Release, Standard (Driver Door and Console Glove Box and Key Fob).
Tailgate	Material & mass	Not Applicable
	Type (drop, lift, door)	-
	Internal release control (elec., mech., n.a.)	-
Vent window control (crank, friction, pivot, power)	Front	None
	Rear	-
Window regulator type (cable, tape, flex drive, etc.)	Front	Drive
	Rear	None
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket Seat, Full Cloth Trim @
	Rear	None
	3rd seat	-
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Bucket Seat, Full Cloth Trim @
	Rear	None
	3rd seat	-

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	All-Welded Steel Body-Frame Construction, 100% Galvanized Bolt-On Front Crossmember to Allow Bottom Loaded Engine.
---	--

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (e) _____

METRIC (U.S. Customary)

Model Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	3-Point Active Lap & Shoulder Belt		3-Point Active Lap & Shoulder Belt
	Standard / Optional	Second seat			
		Third seat			
Passive	Type & description (air bag, motorized-2-point belt, fixed belt, knee bolster, manual-lap belt)	First seat	Air Bag Standard		Air Bag Standard
	Standard / Optional	Second seat			
		Third seat			
Glass		SAE Ref.No.			
Windshield glass exposed surface area cm ² (in. ²)		S1	8710.0 (1350.0)		8710 (1350)
Side glass exposed surface area cm ² (in. ²) - total 2 sides		S2	4007.2 (621.1)		4007.2 (621.1)
Backlight glass exposed surface area cm ² (in. ²)		S3	6205.0 (961.8)		2554.8 (396.0)
Total glass exposed surface area cm ² (in. ²)		S4	18922.2 (2932.9)		15272.0 (2367.1)
Windshield glass (type/thickness)			Curved - Laminated Plate - Tinted - 5.4 mm		
Side glass (type/thickness)			Curved - Temperature Plate - Tinted - 5.0 mm		
Backlight glass (type/thickness)			Curved - Tempered Plate - Tinted (Hatchback) 6.2 mm		Glass
Tinted (yes/no, location)					
Solar control (yes/no, coated/batched, location)					

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Sealed Beam
Shape	Rectangular
Lo-beam type (2A1, 2B1, 2C1, etc.)	2B1 on Both - 1 Capsule Per Side
Quantity	
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	
Quantity	

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (*) _____

METRIC (U.S. Customary)

Engine Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

Climate Control System

Air conditioning (std., opt., man., auto.)		Manual A/C Standard Automatic A/C, Optional
Condenser	Type	Header Tube and Center
	Eff. face area (sq. mm.)	245,420
	Fins per inch	16.9 Fins/inch
Evaporator	Type	Staggered Rib, Plate Type
	Eff. face area (sq. mm.)	48,387
	Fins per inch	14 Fins/inch
Heater core	Material	Copper-Brass
	Eff. face area (sq. mm.)	29,060
	Fins per inch	11 Fins/inch
Compressor	Type	Piston Type, Swash Plate, Fixed Displacement
	Displacement (cc.)	177 cc (LT5), 207 cc (LT1)
	Manufacturer	Nippondenso
	A/C pulley ratio	1.58:1 (LT5), 1.67:1 (LT1)
Accumulator	Type	Accumulator/Dehydrator
	Height (mm.)	231
	Diameter (mm.)	93
Receiver	Type	Not Available
	Height (mm.)	"
	Diameter (mm.)	"
Refrigerant control (CCOT, TVS, etc.)		CCOT
Heater water valve (yes / no)		No
Refrigerant (R - 12, R - 134a, etc.)		R-134a
Charge level (lbs. - oz.)		2.25 lbs.
Cold engine lockout switch (yes / no)		No
Wide open throttle cutout switch (yes / no)		No

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (9) _____

METRIC (U.S. Customary)

Model Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

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

	Clock (digital, analog)	
	Compass / thermometer	Thermometer on C68
	Console (floor, overhead)	Standard Floor
	Defroster, electric windshield	Not Available
	Defroster, electric backlight	Standard
Electronic	Diagnostic monitor (integrated, individual)	Standard - ALCL (Assembly Line Communications Link); Integrated
	Instrument cluster (list instruments)	Speedo, Tach, Oil and Coolant Temps, Oil Pressure, Volts, Fuel, Seat Belt Symbol, Change Oil
	Keyless entry	Passive, Standard
	Tripfinder (avg. spd., fuel)	Range, Average and Instant MPG
	Voice alert (list items)	Not Available
	Other	LCD and Analog Instrumentation Standard
	Fuel door lock (remote, key, electric)	
Integrated Child Seating	Std. opt. & location in vehicle	
	Number of occupants	
	Occupant weight/height (min. & max.)	
	Restraint system description (3 or 5-point belts/booster seat capability)	
Lamps	Auto head on/off delay, dimming	Not Available
	Cornering	Front, Standard
	Courtesy (map, reading)	Standard - One Lamp in Each Door Panel Mounted on 1/8 R/V Mirror
	Door lock, ignition	Not Available
	Engine compartment	Standard
	Fog	Standard
	Glove compartment	Standard - In Console & I/P
	Trunk	Std. - 2 Lamps Mounted in "B" Pillars Back of Seat, Cpe (Seat Riser, Convrt)
	Illuminated entry system (list lamps, activation)	Not Applicable
Other	-	
Mirrors	Day / night (auto., man.)	Standard, Manual
	L.H. (remote, power, heated)	Power Standard, Heated
	R.H. (convex, remote, power, heated)	Power Standard, Heated
	Visor vanity (RH / LH, illuminated)	Standard
	Navigation system (describe)	None
	Parking brake-auto release (warning light)	Manual Release, Tell-Tale-Standard

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (0)

METRIC (U.S. Customary)

Model Code/Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1

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

Power equipment	Deck lid (release, pull down)		Standard - Electric Hatch Release (3 Remote Location)
	Door locks (manual, automatic, describe system)		Standard Deck Lid Hatch Standard Door Locks
	Seats	2 - 4 - 6 way, etc.	6-Way Optional
		Reclining (R.H., L.H.)	Manual Standard, Power Optional
		Memory (R.H., L.H., preset recline)	Not Available
		Support (lumbar, hip, thigh, etc.)	Power Optional
		Heated (R.H., L.H., other)	Not Available
	Side windows		Standard
	Vent windows		Not Available
	Rear windows		
Convertible Deck Lid		Standard - Power Release (3 Remote Locations)	
Radio systems	Antenna (location, whip, w/shield, power)		Rear Power Antenna
	Standard		AM/FM Stereo Cassette
	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM Stereo Cassette / Bose AM/FM Stereo Cassette / Compact Disc / Bose
	Speaker (number, location)		Standard - 2 Front, 2 Rear Bose - 1 Each Door, 2 Rear
Roof: open air or fixed (flip-up, sliding, "T")			Single, Full Width Lift - Off Roof Panel Conv. Flgd. Top
Speed control device			Standard - Electronic Speed & Cruise Control W/Resume Feature
Speed warning device (light, buzzer, etc.)			Not Available
Tachometer (rpm)			6,000 W/LT1 8,000 W/LT5
Telephone system (describe)			Cellular Phone Power Connector in Console
Theft deterrent system			"VATS" Pass Key (Personal Automobile Security System) Includes Special Module with Resistor Decoder and Ignition Key with Embedded Pellets of Specified Resistance. Built-In Time Lag. Forces Delay Between Attempts to Start Vehicle with Improper Key. Also Includes Anti-Theft Horn Alarm System with Starter Enable (Doors and Hatch).

Trailer Towing

Towing capable	Yes / No
Engine / transmission / axle	Std. / Opt.
Tow class (I, II, III)*	Std. / Opt.
Max. gross trailer wgt. (lbs.)	Std / Opt.
Max. trailer tongue load (lbs.)	Std. / Opt.
Towing package available	Yes / No

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

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (•) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Model Code/Description	SAE Ref. No.	COUPE	CONVERTIBLE	ZR1 COUPE
Width				
Tread (front)	W101	1466 (57.7)		
Tread (rear)	W102	1500 (59.1)		1539 (60.6)
Vehicle width	W103	1786 (70.7)		1856 (73.1)
Body width at SgRP (front)	W117	1788 (70.4)		
Vehicle width (front doors open)	W120	3706 (145.9)		
Vehicle width (rear doors open)	W121	—		
Tumble-home (degrees)	W122	37.3		
Outside mirror width	W410	1865 (73.4)		

Length

Wheelbase	L101	2444 (96.2)		
Vehicle length	L103	4535 (178.5)	4534 (178.5)	
Overhang (front)	L104	1056 (41.6)		
Overhang (rear)	L105	1035 (40.7)		
Upper structure length	L123	2358 (92.8)		
Rear Wheel C/L "X" coordinate	L127	3886 (153.0)		

Height **

Passenger distribution (front/rear)	PD1 2,3			**
Trunk/cargo load				**
Vehicle height	H101	1177 (46.3)	1202 (47.3)	
Cowl point to ground	H114	841 (33.1)		
Deck point to ground	H138	895 (35.2)		
Rocker panel-front to ground	H112	176 (6.9)		
Rocker panel-rear to ground	H111	172 (6.8)		
Windshield slope angle (degrees)	H122	64.1		
Backlight slope angle (degrees)	H121	73.7		

Ground Clearance **

Front bumper to ground	H102	129 (5.1)		
Rear bumper to ground	H104	233 (9.2)		
Bumper to ground front at curb mass (wt.)	H103	134.3 (5.3)		
Bumper to ground rear at curb mass (wt.)	H105	258 (10.2)		
Angle of approach (degrees)	H106	15.2		
Angle of departure (degrees)	H107	16.3		
Ramp breakover angle (degrees)	H147	11.4	8.7 (0.343)	
Axle differential to ground (front/rear)	H153	179 (7.0)		
Min. running ground clearance	H156	107 (4.2)	91 (3.6)	
Location of min. running ground clear.		Catalytic Converter		

** 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.

All linear dimensions are in millimeters (inches).

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 8/94 Revised (*) _____

METRIC (U.S. Customary)

Vehicle Dimensions

See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	2-DOOR HATCHBACK COUPE 1Y07	2-DOOR CONVERTIBLE 1Y67
------------------------	--------------	-----------------------------	-------------------------

Front Compartment

SgRP front, 'X' coordinate	L31	3150 (124.0)	
Effective head room	H61	927 (36.5)	841 (37.0)
Max. effective leg room (accelerator)	L34	1068 (42.0)	
SgRP to heel point	H30	188 (7.4)	
SgRP to heel point	L53	878 (34.6)	
Back angle (degrees)	L40	28.0	
Hip angle (degrees)	L42	95.5	
Knee angle (degrees)	L44	125.5	
Foot angle (degrees)	L46	87.0	
Design H-point front travel	L17	165.0 (6.5)	
Normal driving & riding seat track trvl.	L23	147 (5.8)	
Shoulder room	W3	1368 (53.9)	
Hip room	W5	1253 (49.3)	
*** Upper body opening to ground	H50	1091 (42.9)	
Steering wheel maximum diameter*	W9	380 (15.0)	
Steering wheel angle (degrees)	H18	18.4	
Accel. heel pt. to steer. whl. cntr.	L11		
Accel. heel pt. to steer. whl. cntr.	H17		
Undepressed floor covering thickness	H67	24 (0.9)	

Front Compartment Interior Dimensions are Measured with the Seating Reference Point (SgRP) _____ mm forward and _____ mm Upward of Rearmost Position.

Rear Compartment

SgRP point couple distance	L50		
Effective head room	H63		
Min. effective leg room	L51		
SgRP (second to heel)	H31		
Knee clearance	L48		
Shoulder room	W4		
Hip room	W6		
*** Upper body opening to ground	H51		
Back angle (degrees)	L41		
Hip angle (degrees)	L43		
Knee angle (degrees)	L45		
Foot angle (degrees)	L47		
Depressed floor covering thickness	H73		

Luggage Compartment

*** Usable luggage capacity L (cu. ft.)	V1	356.8 (12.6)	186.9 (6.6)
Liftover height	H195	898 (35.4)	

Interior Volumes (EPA Classification)

Vehicle class	Mini-Compact
Interior volume index including trunk/cargo (cu. ft.)**	Not Available, On Two Passenger Vehicles
Trunk/cargo index (cu. ft.)	-

* See page 14.

** See definition page 33.

All linear dimensions are in millimeters (inches) unless otherwise noted.

*** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 issued 9/94 Revised (#) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

2-DOOR HATCHBACK COUPE 1YY07

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 (degrees)	L88	
Hip angle (degrees)	L89	
Knee angle (degrees)	L90	
Foot angle (degrees)	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 m ³ (ft. ³)	V2	
Hidden cargo volume index m ³ (ft. ³)	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

Cargo length at front seatback height	L208	792 (31.2)
Cargo length at floor (front)	L209	838 (33.0)
Cargo length at second seatback height	L210	Not Applicable
Cargo length at floor (second)	L211	"
Front seatback to load floor height	H197	454 (17.9)
Second seatback to load floor height	H198	Not Applicable
Cargo volume index m ³ (ft. ³)	V3	508L (17.9)
Hidden cargo volume index m ³ (ft. ³)	V4	Not Applicable
Cargo volume index - rear of 2-seat	V11	"

All linear dimensions are in millimeters (inches) unless otherwise noted.

* MPV - Multipurpose Vehicle

** EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications

Vehicle Line CORVETTE
 Model Year 1995 Issued 9/94 Revised (●)

METRIC (U.S. Customary)

Model Code/
Description

2-DOOR HATCHBACK COUPE 1YY07

2-DOOR CONVERTIBLE 1YY67

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location	
Front	<p>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.</p> <p>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.</p> <p>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.</p>	
Rear	<p>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.)</p> <p>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.)</p> <p>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.)</p>	
NOTE: Provide 3 of 4 Fiducial Mark Locations		
Front	W21**	552.5 (21.8)
	L54**	2830.7 (111.4)
	H81**	377 (14.8)
	H161***	187.5 (7.4)
	H163***	169.7 (6.7)
Rear	W22**	296 (11.7)
	L55**	4713.2 (185.6)
	H82**	546.5 (21.5)
	H162***	360.5 (14.2)
	H164***	337.7 (13.1)

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

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

*** EPA Loaded Vehicle Weight, Loading Conditions

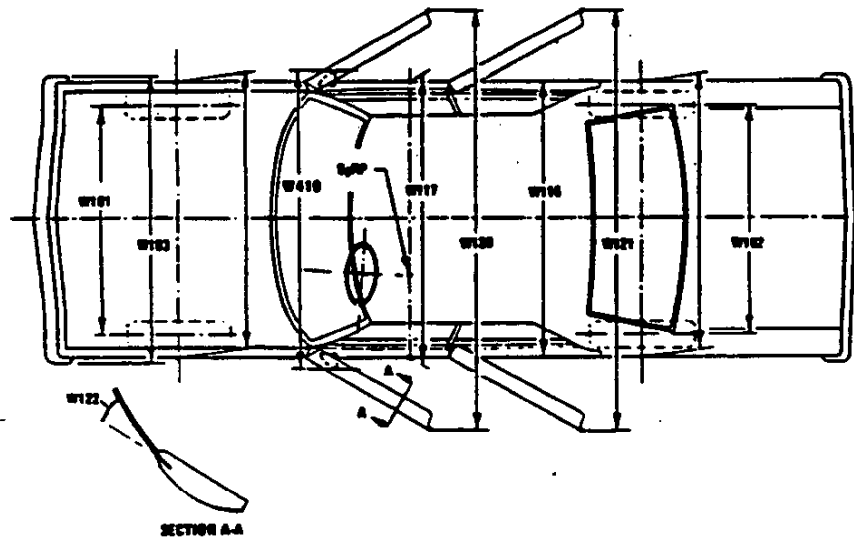
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

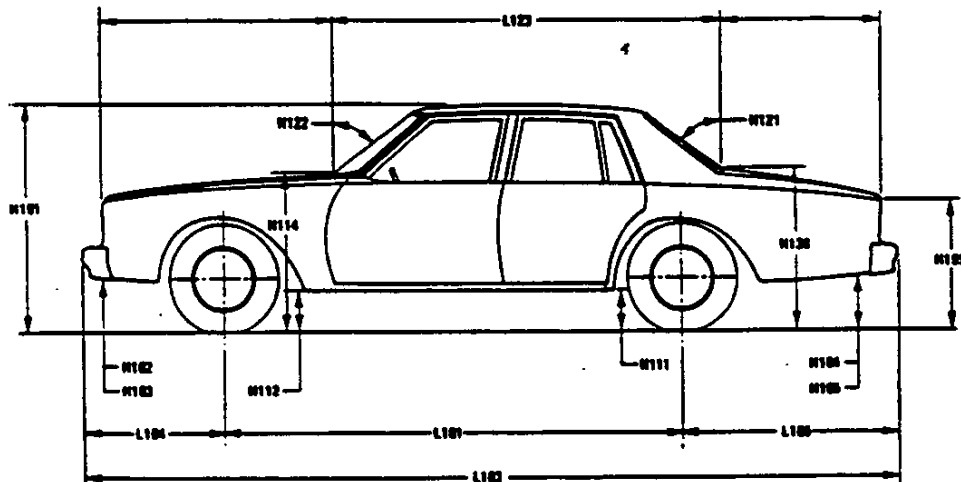
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions – Key Sheet

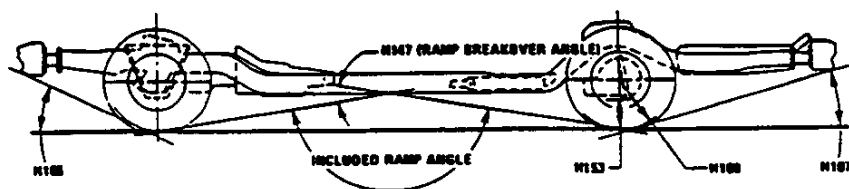
Exterior Width



Exterior Length & Height



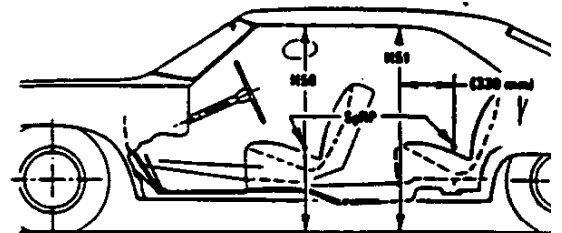
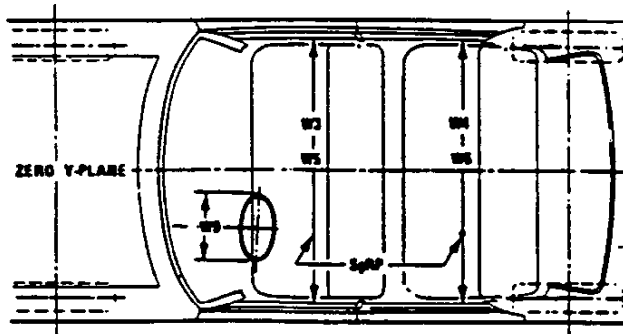
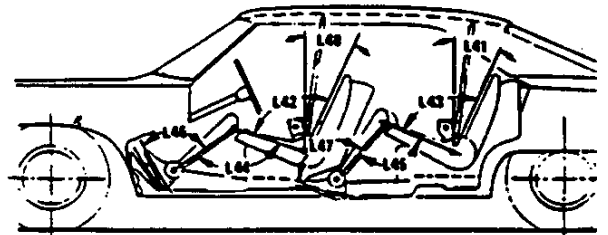
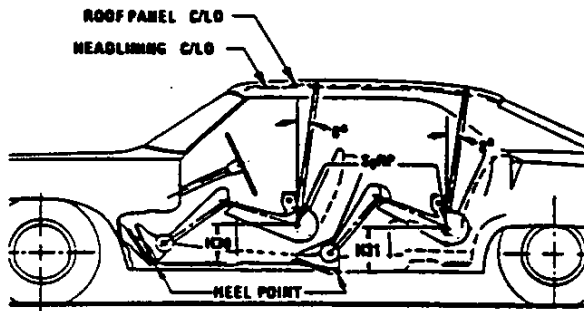
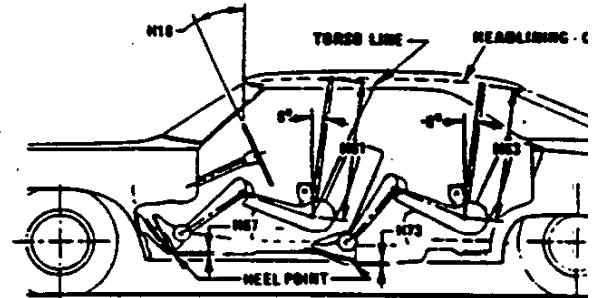
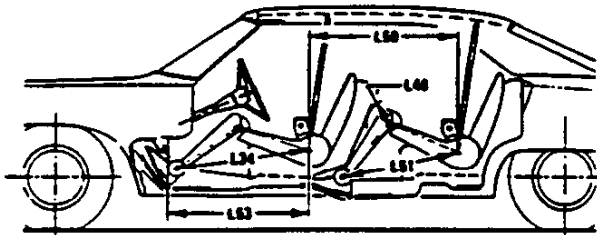
Exterior Ground Clearance



MVMA Specifications Form

METRIC (U.S. Customary)

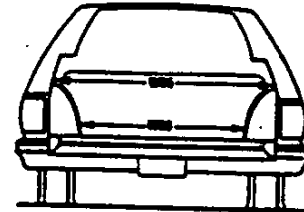
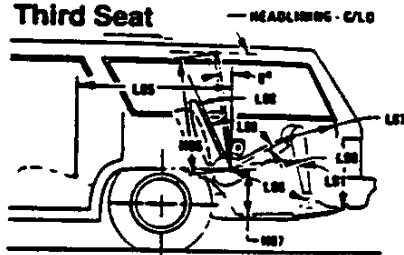
Interior Vehicle And Body Dimensions - Key Sheet



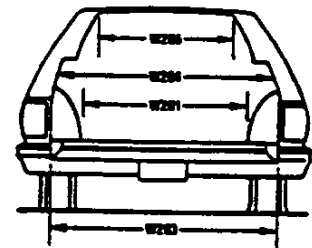
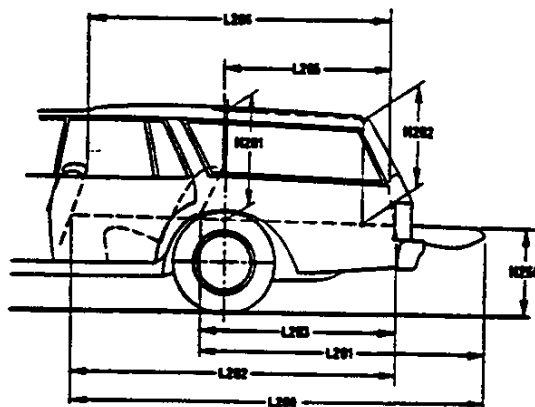
MVMA Specifications
METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet

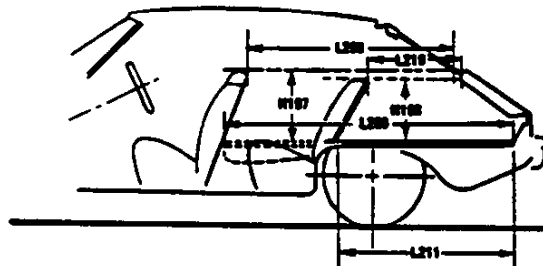
Third Seat



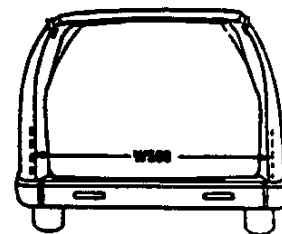
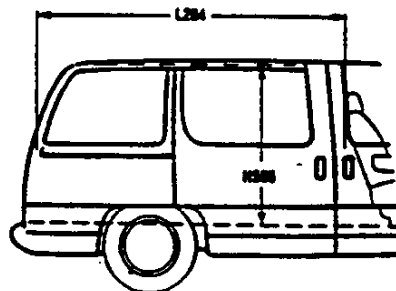
Cargo Space



Station Wagon



Hatchback



Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Seating Reference Point

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

- (a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- (b) Has coordinates established relative to the 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.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.
- 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 sid 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 air 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 of the windshield.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109 STATIC LOAD – TIRE RADIUS – 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 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 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.

MVMA SPECIFICATIONS

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

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.
- Fiducial Mark - Number 2
- 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" COORDINATED.
- 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.
- L-40 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.
- L-42 HIP ANGLE - FRONT. The angle measured between torso line and thigh centerline.
- L44 KNEE ANGLE - FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.
- 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.
- L53 SgRP - FRONT TO HEEL. The dimension measured horizontally from the SgRP - front to the accelerator heel point.
- 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 HIP ROOM - FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP - front within 25 mm (1.0 in.) below and mm (3.0 in.) above the SgRP - front and 76 mm (3.0 in.) to and aft of the SgRP - front.
- W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
- 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.
- H18 STEERING WHEEL ANGLE. The angle measured from 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 top 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

- L-41 BACK ANGLE - SECOND. The angle measured between vertical line through the SgRP - second and the torso line.
- L43 HIP ANGLE - SECOND. The angle measured between torso line and thigh centerline.
- 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 device bare foot flesh line (Reference J826).
- 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.).
- L50 SgRP COUPLE DISTANCE - SECOND. The dimension measured horizontally from the driver SgRP - front to the SgRP - second.
- 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.).
- W4 SHOULDER ROOM - SECOND. The minimum dimension measured laterally between door or quarter trim surfaces on the "X" plane through the SgRP - second height between 254-406 mm (10.0-16.0 in.) above the SgRP - second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM - SECOND. Measured in the same manner as W5.
- 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.
- H51 UPPER BODY OPENING TO GROUND - SECOND. The dimension measured vertically from the trimmed top opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP - second.
- 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.).
- H73 FLOOR COVERING - DEPRESSED - SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions - Key Sheet Dimensions Definitions

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 axle 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 undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.
- L201 CARGO LENGTH - OPEN - SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

- L202 CARGO LENGTH - CLOSED - FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to rearmost point on the undepressed floor covering on closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L203 CARGO LENGTH - CLOSED - SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT - FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backrest 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 wheelhousing floor level. For any vehicle not trimmed, measure to 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 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 floor level. This dimension shall include ribs and pillars, will exclude wheelhouses.
- H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tang to the top of the seatback to the undepressed floor covering at the rear wheel "X" coordinate on the zero "Y" plane.
- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed 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 undepressed 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 undepressed 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 top or headlining at the zero "Y" plane.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

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:

$$\frac{L506 \times W500 \times H503}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

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:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

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 adjustable 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.

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.

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

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.

Measured in inches:

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

Measured in mm:

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

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:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

METRIC (U.S. Customary)

Index

Subject	Page No.
Alternator	16
Axle Drive, Front, Rear, All Four	2, 9, 10
Axle Shafts	10
Battery	16
Body and Miscellaneous Information	17
Brakes - Parking Service	12, 13
Camber	15
Camshaft	3
Capacities	
Cooling System	5
Fuel Tank	6
Lubricants	
Engine Crankcase	4
Transmission / Transaxle	8, 9
Rear Axle	10
Carburetor	2, 6
Caster	15
Climate Control System	19
Clutch - Pedal Operated	8
Coil, Ignition	16
Connecting Rods	4
Convenience Equipment	20-21
Cooling System	5
Crankshaft	4
Cylinders and Cylinder Head	3
Diesel Information	4
Dimension Definitions	
Key Sheet - Exterior	28, 31, 32
Key Sheet - Interior	29, 30, 32, 33, 34
Electrical System	15, 16
Emission Controls	7
Engine - General	
Bore, Stroke, Type	3
Compression Ratio	2
Displacement	2, 3
Firing Order, Cylinder Numbering	3
General Information, Power & Torque	2
Intake System	4
Power Teams	2
Exhaust System	7
Equipment Availability, Convenience	20
Fan, Cooling	5
Filters - Engine Oil, Fuel System	4
Four Wheel Drive	10
Frame	17
Front Suspension	11
Front Wheel Drive Unit	10
Fuel Economy, EPA	1
Fuel Injection	6
Fuel System	6
Fuel Tank	6
Glass	18
Headlamps	18
Headroom - Body	23, 24
Heights	22
Horns	15
Horsepower - Brake	2
Ignition System	16
Inflation - Tires	13
Interior Volumes	23
Instruments	15
Lagroom	23, 24
Lengths	22
Leveling, Suspension	11
Liters, Valve	4
Linings - Clutch, Brake	5, 12
Lubrication - Engine Transmission / Transaxle	4, 8, 9
Luggage Compartment	23
Models	1
Motor Starting	16
Muffler	7
Origin	1

Subject	Page No.
Passenger Capacity	1
Passenger Mass Distribution	1
Pistons	1
Power Brakes	1
Power, Engine	1
Power Steering	1
Power Teams	1
Propeller Shaft	1
Pumps - Fuel	1
Water	1
Radiator - Cap, Hoses, Core	1
Ratios - Axle, Transaxle	2, 9
Compression	1
Steering	1
Transmission / Transaxle	2, 1
Rear Axle	2
Regulator - Alternator	2
Restraint System	1
Rims	1
Rods - Connecting	1
Scrub Radius	1
Seats	1
Shock Absorbers, Front & Rear	1
Spark Plugs	1
Speedometer	1
Springs - Front & Rear Suspension	1
Stabilizer (Sway Bar) - Front & Rear	1
Starting System	1
Steering	1
Suppression - Ignition, Radio	1
Suspension - Front & Rear	1
Tail Pipe	1
Theft Protection	1
Thermostat, Cooling	1
Tires	1
Toe-In	1
Torque Converter	1
Torque - Engine	2
Trailer Towing	1
Transaxle	1
Transmission - Types	2
Transmission - Automatic	1
Transmission - Manual	1
Transmission - Ratios	2
Tread	1
Trunk Cargo Load	1
Trunk Luggage Capacity	1
Turning Diameter	1
Utilized Construction	1
Universal Joints, Propeller Shaft	1
Valve System	1
Vehicle Dimensions	
Width	1
Length	1
Height	1
Ground Clearance	1
Front Compartment	1
Rear Compartment	1
Luggage Compartment	1
Station Wagon - Third Seat	1
Station Wagon - Cargo Space	1
Hatchback - Cargo Space	1
Fiducial Marks	1
Voltage Regulator	1
Water Pump	1
Weights	21
Wheel Alignment	1
Wheelbase	1
Wheels & Tires	1
Wheel Spindle	1
Widths	1
Windshield	1
Windshield Wiper and Washer	1