

*From Chrysler Corporation*


# PLYMOUTH 1961 VALIANT





Introducing new Solid Beauty

# PLYMOUTH

There is so much to tell you about the 1961 Plymouth—things you may have trouble believing if you have never driven one. Of course, you don't have to drive one to appreciate its solid beauty; a glance at the opposite page tells you instantly that Plymouth's new styling is a harmony of motion, momentarily stilled in sleek steel and bright aluminum. And when you see it on the street—man, oh man—here's a car to make heads turn in any neighborhood. Yes, the solid beauty of Plymouth is, in itself, enough to make you eager to buy it but, when you discover the sound engineering behind that beauty, wild horses won't keep you from your nearest dealer. Chrysler Corporation engineers have created what might seem to be impossible—a car that's small in price and low in gas consumption yet is roomy in size and high in performance. This is not accidental. It took years to develop the rigid Unibody that practically abolishes any hint of twist, bend, groan, or rattle. It took new manufacturing techniques to develop a revolutionary rustproof treatment of Plymouth bodies. It took real engineering leadership to develop far-sighted improvements such as Torsion-Aire Ride, Push-Button Drive and Total-Contact brakes. All these things, and more, are a part of the 1961 Plymouth. When you add it all up, 1961 is the year to buy Plymouth. 

# PLYMOUTH FURY

The luxury line for 1961.



The Fury 4-door Sedan in Jet Black.



The Fury 2-door Hardtop in Lustrous Metallic and Alpine White.

Beauty-minded souls who appreciate the subtle extra touches that make a car stand out will love the Fury. So will fun-loving folk of all ages — those who feel that driving can be a lot more than just getting from here to there. For a Fury is a leader for people who want to be leaders. Fury comes out first while they're sitting down. Fury is Plymouth's finest. Almost lovely in its superior appointments, the Fury line includes — at no extra cost — features that are not available at any price on some of the more expensive cars. Note the smart aluminum aperture inserts, the aluminum inset on the trunk deck and the gleaming chrome-plated tail light pods. There are 34 beautiful body colors and five color-keyed interior trim shades available. ▲



The Fury Sedan. Available in Twilight Turquoise Metallic and Alpine White.

Shunning Fury interior is all nylon-velour long-wearing fabric set off by vinyl bolsters with attractive, contrasting white inserts. It features the Command Seat, with the high back that gives the driver extra shoulder support and helps prevent driver fatigue.



The Fury Convertible in Alpine White with Red Trim.

# PLYMOUTH BELVEDERE

The popular choice for 1961.



The Belvedere 4-door Sedan in Silver Gray Metallic.



The Belvedere 4-door Sedan in Bronze Metallic and Alpine White.

Belvedere appeals to families because it gives them what every family wants in a car. First, Belvedere is big and roomy and comfortable. Important? You bet! Then there's the solid beauty—so advanced that any family will be proud to park it on their driveway. Performance? Belvedere's got that, too—its controls and its engine will answer every command with quick and lively response. And last, Belvedere is friendly to a family's budget—with either 6 or 8-cylinder engines—both of which are Mobilgas Economy Run winners. And, when it comes to the added touches such as front and rear arm rests, painted sports insert, and other convenience features, Belvedere offers far more than you'd ever expect in this price range—at no extra cost. Check the difference in popular price cars. You will find that any family is ahead with a Plymouth Belvedere. 

The Belvedere 2-door Hardtop in Cardinal Red and Alpine White.



This plating Green is but one of two color-keyed interiors in the Belvedere line. Fabrics are evenly color-matched, and are easy to clean.

# PLYMOUTH SAVOY

The economy line for 1955.



The Savoy 4-door Sedan in Noble's Egg Blue.

The Savoy 4-door sedan in Mist Green.



Don't compare the Savoy with other low-priced lines because there's a big difference. Savoy is low-priced, true. But it still gives you Plymouth's solid beauty plus Plymouth's important features like Unibody and Turbo-Air Kide. Truly, you save without sacrifice when you pick Savoy. In addition to full-size beauty you even get such usually-extra-cost items as dual horns, right and left sun visors, and custom-positioned front seat. And, of course, Savoy gives you all the fine standard mechanical features listed on Page 12 of this book. 




Handsome Savoy color-laced interiors have been tested for their resistance to wear, spilling, and fading.

# PLYMOUTH SUBURBAN

America's most beautiful station wagon.



The Sport 4-door Suburban in Flare Beige.

Whether it's a load of Boy Scouts off for camp, a load of lumber for the den, or a load of steaks for the picnic, the Plymouth Suburban is not only America's handiest trucker, but America's most beautiful station wagon. Its sleek and graceful lines conceal its great utility, make it at home in the finest surroundings. And whether you haul people or potatoes, you ought to find out what Plymouth's Unibody construction does for a station wagon. It makes these wagons unbelievably rigid. The all-solded body-frame creates tremendous space inside. On these two pages you see typical Suburban interiors in three great series: the exciting, luxurious Sport Suburbans, the handsomely-styled, moderately priced Custom Suburbans, and the low-priced Deluxe Suburbans. There are nine choices in the 1960 Suburban line to fit any pace or purpose in a total of 14 eye-catching colors. 

Comfortable Command Seat highlights this Sport Suburban interior; its extra high back gives the driver full body and shoulder support. Color-boost, easy-to-clean, long-wearing nylon-velour upholstery with vinyl trim.







Beautiful color-layered interior trim in tough, long-wearing vinyl and nylon-vinose fabrics that are highly fade-resistant and easy to keep clean.



The Deluxe 4-door Sebring in Alpine Metallic Blue.

The Custom 4-door Sebring (2 or 3-passenger) in Coral and Alpine White.



The Deluxe 4-door Sebring in Emerald Green Metallic and Alpine White.

# PLYMOUTH SUBURBAN FEATURES

First to start Aard from Chrysler Corporation.



Rear-facing third seat was a Plymouth first, now imitated by most other wagons. It is easy to enter, gives generous legroom, and children love to ride in it. Easily folds flat into the floor when it is not being used.



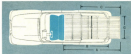
A safe bedroom and playroom for the children is just one of the hundreds of family uses for this roomy rear area of the 1963 Plymouth Suburban.



One-glass tailgate with roll-down rear window was also pioneered by Plymouth. It's easy to use, eliminates old-fashioned and clumsy 2-glass lift gates. Electrically operated rear window is standard equipment on 6-passenger models, optional at low extra cost on others.

## KEY DIMENSIONS OF PLYMOUTH SUBURBAN

- A Overall floor length, tailgate open, third seat and seat folded . . . 171.7 in.
- B Overall floor length, tailgate closed, third seat and seat folded . . . 165.7 in.
- C Overall floor length, tailgate open, third seat up, third seat folded . . . 161.9 in.
- D Overall floor length, tailgate closed, third seat up, third seat folded . . . 161.1 in.
- E Width between the rear wheel housings . . . 51.8 in.
- F Height of rear opening . . . 37.2 in.
- G Width of rear opening above the tailgate . . . 41.8 in.
- H Width of rear opening at the floor to the top of the tailgate . . . 37.2 in.



## COMFORT AND CONVENIENCE EXTRA

Tires built on its original 16 most durable major models. Your dealer will gladly give you details on availability.

Dual unit air conditioner designed by Chrysler Airtemp to give cool comfort on the hottest days.

Electric tailgate window lift—operated from a push button on the dash or by a lever from the outside.

Tailgate easy assist handles make it easier for passengers to enter the rear of station wagons.

Locked against the compartment guards your spare plus any small valuables you wish to store here.

Captive-Air Tires will not go flat when punctured. In white side walls and for station wagons only.

# PLYMOUTH ACCESSORIES

For your extra comfort and convenience. Picture features not available on all accessories. Prices set at retail cost.



Plymouth's 80-PS Radio has push button tuning, a 3.5-inch speaker system, and a big 4 x 6-inch speaker. Shown below is the RCA phonograph which plays and stores up to 14 standard 45 rpm records. It uses the sound system of the radio.



Full-Time Power Steering makes parking almost effortless, normal driving requires but a finger-touch. It's better than other types because it is more maneuverable, allows you to respond faster to any sudden situation.



Self-L-Matic Door locks offer a special cruise on the instrument panel that lets you lock all the doors automatically. Children can't open doors accidentally and you are protected at all times from intruders.



This magnificently designed dashboard is newly styled to incorporate either of two push-button radios and a new powerful push-button heating system. All push buttons are readily accessible to the driver.

Custom-Positioned front seat can be easily adjusted by any driver—as unusual standard feature of every Plymouth. Six adjustments handle seat height and degree of tilt to your liking. Seat can still be moved forward or backward manually. A 4-way power-operated seat is available at slight additional cost.



**IN ADDITION, THESE FINE FACTORY-INSTALLED ACCESSORIES ARE AVAILABLE AT BUT SLIGHT EXTRA COST:**

Power Windows are electrically operated. All four windows can be operated from the driver's seat.

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Push-Button Starter and Delcovalve provides easy-to-operate positive heat and ventilation controls.

Air Conditioning for 9-6 models by Chrysler Air-Temp keeps you cool and clean on hot summer days.

Inter-Tinted Safety Glass for all windows cuts down on glare and reduces the heat from the sun.

Safety-Shielded Instrument Panel is made of shock-absorbent foam padding with neoprene surface.

Windshield Washers are fast operated to spray two jets of water to help clean dirty windshields.

Build-up Lights turn on automatically when you shift the transmission into reverse—a safety item.

Remote Control Outside Left Mirror can be easily adjusted by just a finger-touch from inside the car.

Undersealing including underbody pad absorbs mud, protects metal surfaces from corrosion.

Variable Speed Windshield Wipers let you adjust the wiping speed to match the rain conditions.

Inside Day/Nite Rear View Mirror allows you to flip the glass from the headlights of following cars.

**YOUR PLYMOUTH DEALER CAN INSTALL THESE MOPAR FACTORY-APPROVED ACCESSORIES!**

Air Conditioning system keeps your Plymouth cool and comfortable. Designed for Explorer models.

Rear Seat Radio Speaker has a volume control at the back to guarantee the sound to suit your taste.

Rear Window Defogger has a two-speed fan motor, removes fogging visibility from rear of all times.

Safety Seat Belts for front or rear seat passengers, hold them steady and steady but comfortably.

# PLYMOUTH FINE FEATURES

Engineered by Chrysler Corporation



90-D Economy Six, inclined 90° for greater efficiency.



Four V-4 engine range from 130 to 220 horsepower.

## FOR 1961—FIVE CRAMPONSHIP ENGINES

Plymouth's line-up of power plants for 1961 assures the right engine for every driver. Many new refinements in design and manufacture have added to Plymouth's already fine reputation for power-saving, low-maintenance economy.

**THE 90-D ECONOMY SIX**—140 horsepower with a displacement of 225 cu. in. and a compression ratio of 4.2 to 1. Runs on regular gas. Here's the new high-efficiency, 90° inclined, valve-in-head six that's loaded up with top honors for its class in the 1960 Motoplex Economy Run, from 1957 through 1960. Equipped with a 4-barrel carburetor, it develops amazing performance while using regular gasoline. Available on all Plymouth models.

**THE FURY V-400**—220 horsepower with a displacement of 318 cu. in. and a compression ratio of 9.8 to 1. It's been called the hottest V-8 in the low price field yet it's been a winner in four straight Motoplex Economy Runs, from 1957 through 1960. Equipped with a 4-barrel carburetor, it develops amazing performance while using regular gasoline. Available on all Plymouth models.

**THE SUPER FURY V-400**—220 horsepower with displacement of 318 cu. in. and a compression ratio of 9.8 to 1. The addition of a 4-barrel carburetor, special high output camshaft, dual exhausts, and other refinements to the standard Fury V-400 boosts the performance, get-away, and power reserve—means less engine strain, more flexible per-

formance at normal speeds. Available at extra cost for all models with TurqueFlyte transmission.

**THE COMMANDER COMMANDER 200**—200-horsepower with a displacement of 361 cu. in. and a compression ratio of 9.8 to 1. So powerful is this engine that it has become one of the favorites for police cars but it is equally attractive to the driver who wants to cruise effortlessly on turpentine and retain an extra mile power margin for passing. Larger displacement, 4-barrel carburetor, dual exhausts, and special high-output components give it high performance characteristics. Available at extra cost on all models, except with PowerFlyte transmission.

**THE SMOKEBACK COMMANDER WITH RAM INDUCTION**—220 horsepower with a displacement of 361 cu. in. and a compression ratio of 10.8 to 1. The addition of something new in engine manufacturing called "ram induction" supplies the benefits of supercharging without the cost and complications of a supercharger, boosts the horsepower and—especially in the middle speed range—increases the torque of the Commander engine. For those who demand lightning acceleration and top performance, this is the ultimate. It is the first mass-produced automobile engine to offer ram induction and is rated by many auto experts as the top performer in its field. Available at extra cost on all Plymouth models except those with PowerFlyte transmission, or air conditioning.

## FOR 1961—FOUR SEPARATE TRANSMISSIONS

Plymouth offers both manual and automatic transmissions matched to the output of each of Plymouth's engines. All automatics offer the time-tested, trouble-free mechanical push buttons that give you positive gear control. An automatic is available at extra cost for all models.

**TURQUEFLYTE**—a 3-speed automatic transmission for all V6's, it gives smooth, quiet power, positive downhill engine braking. It permits rapid starts and effortless passing yet it is easy on gasoline.

**TURQUEFLYTE-6**—Identical in performance characteristics to the TurqueFlyte above but is tailored especially for maximum efficiency with the 90-D Economy Six engine.

**POWERFLYTE**—a 3-speed automatic transmission for the Fury V-400 engine only. This is an extremely simple, reliable type with few moving parts. Provides automatic driving at moderate cost.

**SYNCHRO-GLIDE**—Plymouth's popular standard 3-speed manual transmission is quiet, economical, efficient and extremely durable.

**SLAYE WITH SYNCHRO-GLIDE**—a 3-speed manual transmission built especially for Plymouth's high torque engines—the Gallex Commander and the SmokeBack Commander.



All Plymouth automatic transmissions are constructed by simple, positive, mechanical push buttons like these. Beautifully styled as an integral part of the entire dashboard design, they are well illuminated at night.



Total-Contact Brakes give you bonded linings, S-platelets shoe support, and two brake cylinders in each front wheel. This assures all-over even braking pressure for smooth stops and long lining life.



Plymouth's foot-operated, dual release parking brake cannot be easily operated by children. The brake does its job on the drive shaft, completely independent of the car's regular braking system.



New for 1961 is this Alternator which replaces the generator used in ordinary cars. The advantage of the Alternator is that it delivers current even at idling speeds.

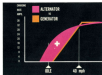


Chart compares charging rate of the Alternator with a conventional generator at all engine speeds. Note its greater capacity in idling range.



When you add the Sure-Grip Differential to any Plymouth it reduces the possibility of getting stuck in snow, ice or mud because this differential automatically shifts the power to the wheel with the most traction. An extra cost feature on all models, it returns wheel spin to a minimum, and also provides positive traction under nearly all road surface conditions.

**IN LIGHTER TO SOLID BEAUTY THESE POINTS OF MECHANICAL SUPERBILITY ARE FOUND IN EVERY 1961 PLYMOUTH AT NO EXTRA COST**



Exclusive Torsion-Air Suspension is a carefully engineered combination of torsion bars in front, widely spaced leaf springs in the rear and Chrysler Corporation's famous Off-Res check absorbers all around. Torsion-Air smooths out bumps, helps prevent dips and sways, assures greater stability on curves. In the photo above, right, the position of the little dots shows how the flexible spring steel torsion bar twists to soak up bumps. In the actual photo above at left, a light was attached to the hub cap and the body of a 1961 Plymouth. See how the body maintains an even line as Torsion-Air absorbs shocks while wheels move up and down over rough road.


- Body—one-piece body-frame
- Flush-top, easy-opening door handles
- 24-inch electric windshield wipers
- Easy Custom-Position front seat
- Torsion-Air Ride
- Total-Contact Brakes, bonded linings
- Independent parking brake
- Safety-Kin Wheels
- Aluminized muffler and heavy gauge tailpipe
- Alternator electrical generating system
- Fun views, right and left—full width
- Self-locking trunk lid
- Safety-guard door latches
- Fram padded front seat cushions
- Directional signals front and rear
- Dual horns
- Oil filter
- Front arm rest
- Glove box lock



# VALIANT

*Looks and drives like twice the price.*

CHRYSLER CORPORATION'S LOW-PRICED COMPACT CAR FOR 1961

Just about a year ago people discovered how to make instant fun. All you do is to take one new Valiant, add small amounts of regular gasoline, and presto, you're set for a bundle of enjoyment! Valiant is a remarkable compact car. It was less than one year old when it bit off more than any other compact car could chew. First, it won a national styling award as the best-looking automobile on four wheels. Then it dashed down to Daytona Beach to take the first seven places in a compact race—without even breathing hard. Now, that kind of muscle showing does not usually add up to economy...in most cars. You'd think that Valiant would quit while it was ahead. Oh, no! Undaunted, Valiant entered the 1960 Mobilgas Economy Run and—you guessed it—out-misered both of the other new compact cars. Here's a car to reckon with. And to love. Who can hope to compete with a triple threat like this—beauty, performance and economy? That's Valiant. And now it's better than ever for 1961, with two great series—the thrifty V-100's and the beautifully-appointed V-200's. 

# VALIANT HARDTOPS & SEDANS

Chrysler Corporation's Low-Priced Compact Car for 1961



The Valiant 4-door Sedan in Valiant White.



Interior upholstery and trim on the V-200 models is color-layered to a striking body color. The seat material is nylon based for long life—cleans easily.

The V-200 2-door Hardtop in Valiant Red.







The V-200 Valiant Sedan in Valiant Green Metallic.



This handsome multi-color and olive interior for V-200 sedans harmonizes beautifully with any color Valiant you should choose, sure, well, choose early.

Last year everybody and his brother said that there wasn't a smarter looking 4-door sedan in town than Valiant. Now, for 1961, there's a sporty 2-door Hardtop in the V-200 line plus a new, pure-saving model V-180 2-door sedan. It's hard to improve on success but you'll find more than a dozen mechanical improvements that will add to your driving pleasure in 1961. Thousands of people have discovered that a Valiant is a not-so-compact compact. You sit erect, you wear your hat, and you take a full-size family of six—not just around the block but for miles in relaxed, easy comfort. That's not all, every sedan has an extra large trunk with nearly 28 cubic feet of baggage space. No wonder Valiant is King of the Compacts! 



The V-200 Valiant Sedan in Valiant Light Blue.

Chrysler Corporation's Low-Priced Compact Car for 1961

# VALIANT STATION WAGONS

Show 72 cubic feet of storage.

# VALIANT



The V-100 4-door Station Wagon in Valiant Blue Metallic.

It's hard to believe that you could find all this room inside a compact car! On the outside Valiant has two feet less car to park and handle than full-size station wagons. Yet you can quickly and easily fold down the second seat to provide 72 cubic feet of loading space. It's not done with mirrors - Unibody construction and ingenious design are the answers. Look closely and you'll find most of the fine features you'd expect only on big, expensive wagons. Yes, Valiant's a pretty, pretty paradox - compact on the outside, cavernous on the inside. 



This rear-facing third seat is available at extra cost. It folds flat when not being used.



The 1958 4-door Station Wagon is Modern Light Green.

This is the practical and attractive interior for all 1958 Station Wagons. Trimmed in wearable and washable vinyl.



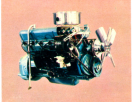
This roll-down tailgate window is standard on all 1958 station wagons. It eliminates the old-fashioned, clumsy 2-piece lift gate. Easy to operate with one hand. It is safe and secure. Electric operation is available at slight extra cost.

# VALIANT FEATURES

You'd expect them only in big cars.



These positive-action push buttons control operation of the 3-speed TorqueFlite-4 transmission which is optional on all Valiants. Specially tailored for maximum performance with Valiant's inclined 4-cylinder engine. More flexible and more economical than 3-speed transmissions, it will automatically down-shift as road conditions require. A special "park" lever, when engaged, automatically locks transmission in neutral and locks the rear wheels for safe parking.



One of the biggest points of difference between most compact cars and the Valiant is this agile, 4-cylinder engine—181 horsepower with a displacement of 178 cubic inches and a compression ratio of 8.8 to 1. It's different, too, because it's slanted 38 degrees to reduce the engine height, to eliminate waste space under the hood, and to permit a highly-efficient manifold system. How efficient? In 1966 this engine beat the other two new compacts in the Mustang Economy Run.



The standard, floor-mounted gear shift lever for the 3-speed manual transmission is so perfectly positioned that it seems an extension of your hand. The design includes short, positive linkage to the transmission, permitting quick shifting of gears with a minimum of effort. The entire transmission installation has been engineered to reduce the size of the "bump" on the floor of the Valiant.

This beautiful and well-planned panel puts every instrument in direct view of the driver, every control within easy reach. The push buttons on either side of the instruments are for the optional automatic transmission and heater.



Valiant was first to introduce this Alternator in place of a generator. It gives extra power and prolongs battery life because it delivers current when the engine is idling.



This chart compares the charging rate of the Valiant Alternator with that of an ordinary generator at all engine speeds. Notice how it develops much greater charging capacity in the idling range.



Chevrolet Corporation's exclusive Torsion-Air Ride is in Valiant, too. It's a combination of torsion bars, friction shock absorbers, and rear leaf springs that not only smooths bumps but holds the car almost level on curves and during starts and stops. An automatic oiler waxes all Torsion-Air. On a rough, rugged country road the Valiant performed for me beautifully, soaking up the ruts, ridges and gravel ruts as well as a large rut."

**CUSTOMIZE YOUR VALIANT WITH THESE FACTORY-INSTALLED ACCESSORIES AT SLIGHT EXTRA COST.**

**Push-Button Heater-Defroster** has positive on-to-operate heat and ventilation controls.

**Push-Button automatic Transmission** provides 3-speed smooth, effortless, clutch-free driving.

**Push-Button Transistorized Radio** has plenty of power and tone stations at a fingertouch.

**Radio-Flushed Instrument Panel** at speed, shock-absorbing trim pad has no-glass surface.

**Complete Undercoating** including an underhood pad help in great ly to quiet any noise.

**Windshield Wipers** in fast operation, spray two streams of water to clear a dirty windshield.

**Variable Speed Windshield Wipers** let you adjust the wiping speed to match road conditions.

**Electrically-operated Tailgate Window** is controlled from the dash or by key from tailgate.

**Outside Left Mirror** is an attractive addition and provides added safety and convenience.

**Back-Up Lights** turn on automatically when you shift the Transmission into "Reverse".

**Seals Pined Safety Glass** for all windows sets down on glass and reduces heat from the sun.

**Front and Rear Bumper Guards** add greatly to both appearance and protection of your car.

**Euler-Matched Cupping** for the Bumper and Bumpers greatly enhances the interior ride.

**YOUR VALIANT DEALER CAN SUPPLY AND INSTALL THESE CHEVROLET FACTORY-ENGINEERED EQUIPMENT ACCESSORIES AT LITTLE EXTRA COST.**

**Efficient Air Conditioning System** keeps your Valiant cool and clean on the very hottest days.

**Child-Proof Safety Locks** designed to prevent both rear doors from being opened accidentally.

**Inside Day/Nite Rear View Mirror** allows you to flip glass from following headlights at night.

**Rear Seat Radio Speaker** has heavy volume control on the dash in proportion sound level.

**Radio-Flushed Side Floor** of dash from padding give added safety to the front seat passengers.

**Footing Brake Warning Light** warns red when you stall the engine, tells you the brake is on.

**Motor Compartment Light** turns on automatically when the compartment door is opened.

**Emergency Warning Light** lets you flash all four tail-lights in case you are stalled at night.

**Safety Seat Belts** for the front or rear seats hold the passengers steady, safely yet comfortably.

**Rear Window Dragger** has a 1-speed fan motor, removes pollen, dirt from rear at all times.

**THESE IMPORTANT FEATURES ARE FOUND ON EVERY VALIANT AT NO EXTRA COST.**

Automatic electrical system  
Electric windshield wipers  
Foot-operated parking brake  
Full-body—negative body-frame  
Torsion-ride suspension  
Inclined 4-cylinder engine  
Directional signals

Oil filter  
Aluminum muffler and heavy-gauge tailpipe  
Dual headlights  
On-glass tailgate station wipers only  
Roll-down rear window curtain wipers only



Steering and parking are nearly effortless because all moving parts in Valiant's steering gear turn on ball or needle bearings. For those who want the added convenience of Power Steering it is available with automatic transmission at extra cost.



A handsome addition to Valiant's beauty, these gleaming chrome wheel covers make a smart accessory. White wall tires are also available for an even richer appearance. Both of these extras can be added to all models of Valiant at but a slight additional cost.



The extra large living area of 1962 Valiant's hydraulic brakes operate easy, smooth stops, long brake life. Power Brakes for those who desire this modern feature, are also available on all models with automatic transmission at but a slight additional cost.



Careful welding of bodies is inspected at many points.



Bodies are actually immersed seven times for special cleaning, rinsing, and rustproofing treatments after welding.




This is the one-piece solid body-frame from Chrysler Corporation, welded into an integral, grid-like, lattice that practically eliminates every kind of squeak, rattle or groan.

# PLYMOUTH & VALIANT QUALITY

Why these cars perform and last so brilliantly?

Throughout this book you've seen and read about the thrilling new beauty of these two cars. For outward styling they know no peer. But Plymouth and Valiant beauty is more than skin deep. There's a deeper kind of beauty in the careful craftsmanship with which they are constructed . . . a hidden element that will result in preserving these gleaming lines year after year.

All automobiles are built on assembly lines in modern factories. But no cars are built the way Chrysler Corporation goes about it. A trip through a Plymouth or Valiant plant, for example, would be a revelation to you. Can you imagine watching expert workmen putting more than 5000 precision welds in every single body-frame to make sure they become one solid shell? Can you visualize this rugged unit traveling through six chemical sprays, seven anti-corrosion dips, four paintings, a wet sanding, and two oven bakings? It's this kind of extra care and attention that makes Plymouth and Valiant cars resist rust and keep their brilliant gleam for years. All through the building process, at step after step, inspectors check for quality—singling out any car that fails to measure up to their high standards. If you live near a Chrysler Corporation factory, we invite you to take a guided trip through it and see for yourself. If not, merely drive one of these fine cars, and you'll know instantly that every word you have read here is true. Careful construction like this pays off—in performance, in long life, in happy owners. 

PLYMOUTH

VALIANT

**EXTENSION DIMENSIONS**

	Inches	Millim. approx.
Wheelbase, Front*	27.0 in.	685.4 mm.
Wheelbase, Rear*	32.4 in.	822.9 mm.
Luggage, Front	35.0 in.	891.5 mm.
Luggage, Rear	35.0 in.	891.5 mm.
Engine, Front	35.0 in.	891.5 mm.
Engine, Rear	35.0 in.	891.5 mm.
Seat Height, Front	15.0 in.	381.0 mm.
Seat Height, Rear	15.0 in.	381.0 mm.

\*Includes cushion deflection due to passenger weight.

**EXTENSION DIMENSIONS**

	All Cycles	Millim. approx.
Wheelbase	110.0 in.	2793.8 mm.
Track, Front	55.0 in.	1397.0 mm.
Track, Rear (Optional)	55.0 in.	1397.0 mm.
Track, Rear (Standard)	55.0 in.	1397.0 mm.
Length, Overall	200.0 in.	5080.0 mm.
Width, Overall	60.0 in.	1524.0 mm.
Height, Overall	55.0 in.	1397.0 mm.

**STEERING**

Hydraulic, 11-link, Torque-Converter Brakes with bonded linings. Lining area is 1.6 square inches per passenger seat. 257 square inches for steering wheels. Intersecting suspension design with 1.6-inch dampers for accurate alignment. Two coil-overs at each front wheel, one at each rear. Separate, foot-operated parking brake with drive shaft drum.

**TRANSMISSION**

Front 3-speed manual transmission with full positive lock. 27-inch bolt-on manual optional. Rear 2-speed automatic. 27-inch bolt-on manual optional. Exclusive OverDrive type.

**VALIANT ENGINE**

160-C Engine, 160-C Engine is standard on all 4-cylinder models. Located 48 degrees to the right. Six cylinders in line, overhead valve arrangement. Horsepower is 100 at 2000 RPM. Torque 161.0 lb.-ft. at 1600 RPM. Compression ratio 8.2 to 1. Bore 4.28 inches. Stroke 4.23 inches. Piston displacement 220 cubic inches. Single, overhead carburetor. Separate carburetor on floor. See dealer.

**V-6 ENGINE**

	Four Cyl. 160-C	Four Cyl. 160-C*	Six Cyl. 225-C	Six Cyl. 225-C*
Horsepower	100 at 2000	100 at 2000	150 at 2200	150 at 2200
Torque, lb.-ft.	160 at 1600	160 at 1600	210 at 1600	210 at 1600

Compression Ratio 8.2 to 1 8.2 to 1 8.2 to 1 (8.8 to 1)

Rev. Inches 3.04 3.04 4.12 4.12  
Stroke, Inches 3.12 3.12 3.28 3.28

Displacement, Cubic Inches 110 110 160 160

Carburetor Type 4-Barrel 4-Barrel 4-Barrel 4-Barrel

Air Cleaner Type Dry Dry Dry Dry

\*Optional at extra cost on all models.

**VALIANT DRIVE**

Power-Steer, 11-link, MacPherson-Strut, Chrysler Corporation. Absorbent with high damping rate at low engine speeds.

**REAR AXLE**

Type	Bevel-shaft drive, hypoid rear axle
Rails with Torque-Flax 7-0	2.00 to 1
Rails with Torque-Flax 6-0	2.00 to 1
Rails with Power-Flax 7-0	2.00 to 1
Rails with Manual 7-0	2.00 to 1
Rails with Manual 7-0	2.00 to 1

**TIRES AND WHEELS**

Subsidiary-Drive wheels with 1-ply, low pressure tubular tires standard on all models. 14 x 15-inch wheels with 7.00 x 14 tires standard on all 4-cylinder passenger cars. 7.00 x 14 standard on all V-6 passenger cars. 16 x 15 1/2 inch wheels and 100 x 14 tire standard on extra cost on all models except Passenger station wagons. 14 x 8 inch wheels with 4.00 x 14 tire standard on 4-cylinder station wagons. 14 x 8 inch wheels with 100 x 14 tire standard on 4-cylinder three optional at extra cost on all station wagons.

**EXTERIOR**

Fuel Tank	21 gallons
Fuel tank, station wagon	21 gallons
Cooling system	20 quarts
Four engine—without Heater	20 quarts
Commander engine—without Heater	20 quarts
Lubricating oil	12 quarts

# SPECIFICATIONS 1961

**EXTENSION DIMENSIONS**

	Inches	Millim. approx.
Wheelbase, Front*	27.0 in.	685.4 mm.
Wheelbase, Rear*	27.0 in.	685.4 mm.
Luggage, Front	42.0 in.	1066.8 mm.
Luggage, Rear	35.0 in.	891.5 mm.
Engine, Front	35.0 in.	891.5 mm.
Engine, Rear	35.0 in.	891.5 mm.
Seat Height, Front	15.0 in.	381.0 mm.
Seat Height, Rear	15.0 in.	381.0 mm.
Trunk Volume—Inches 24.0 cu. ft.		

\*Includes cushion deflection due to passenger weight.

**EXTENSION DIMENSIONS**

	Inches	Millim. approx.
Wheelbase	100.0 in.	2540.0 mm.
Track, Front	50.0 in.	1270.0 mm.
Track, Rear	50.0 in.	1270.0 mm.
Length, Overall	181.1 in.	4599.1 mm.
Width, Overall	70.4 in.	1787.4 mm.
Height, Overall	52.0 in.	1320.8 mm.

**STEERING**

Four-wheel hydraulic, internal expanding, disc-type with self-aligning alloy. Modified column design, 4-wheel to allow driver a 1 1/2 inches in front, a 2 inches in rear. Lining area, 100.5 square inches.

**TRANSMISSION**

Front 3-speed manual transmission with full positive lock. 27-inch bolt-on manual optional. Rear 2-speed automatic. 27-inch bolt-on manual optional.

**VALIANT ENGINE**

Horsepower	100 at 2000 rpm
Torque, lb.-ft.	150 at 1600 rpm
Compression Ratio	8.2 to 1
Rev. Inches	4.12
Stroke, Inches	3.28
Displacement, Cubic Inches	170

**VALIANT DRIVE**

Power-Steer, 11-link, MacPherson-Strut, Chrysler Corporation. Absorbent with high damping rate at low engine speeds.

**REAR AXLE**

Type	Bevel-shaft drive, hypoid rear axle
Rails with manual transmission	2.00 to 1
Rails with automatic transmission	2.00 to 1

**TIRES AND WHEELS**

Subsidiary-Drive wheels with 1-ply, low pressure tubular tires. Wheels are 14 x 15 1/2 inches with 4.00 x 14 tire standard on all models.

**EXTERIOR**

Fuel Tank	21 gallons
Cooling System—without Heater	20 quarts
Engine Coolant	9 quarts

**INTERIOR SEATSPACE DIMENSIONS**

Length—rear seat up, collapse up	42.0 in.
With seat	38.0 in.
Between wheel housings	44.0 in.
Height (back)—back to ceiling	41.0 in.
Seat opening width—maximum	41.0 in.
Seat opening height	27.0 in.
Cushion L, seat space, of seat belt	50.0 in.

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The only 1961 Plymouth Valiant is a 4-cylinder passenger car with standard wheel covers and 160-C or V-6 engine. Standard 11-link MacPherson-Strut front drive axle.

