

Valiant/Ranger.

BY CHRYSLER.



Design concept.

The "value edge" Valiant Ranger. An economical 6-place sedan with a lot more.

Outside. A rounded aerodynamic look in 16 colours, (6 of them new). Round headlamps that throw a solid core of light. A wedge-shaped rear-end with clean, horizontal tail lights. New quietness, all over the car. Flush-fitting door handles; burst-proof locks. Reversing lights. A huge boot, complete with an automatic light.

High speed anti-lift windscreen wipers.

Things like electrophoretic body priming give greatly improved rust resistance; and chrome parts that have been microscopically scratched — again, to fight rust.

Inside. Wide, bolstered bench seat with built-in head restraints. A wide variety of easy to clean vinyl combinations. Easy to read instrument cluster.

The value-edge department.

There's a standard heater/demister. Power disc brakes. Door reflectors. Front retractor seat belts. Lockable glove box. And a list of safety features far too long for here. (See next page).

Engines.

Standard is the Hemi 215 Six. The Hemi 245 Single-barrel; 265 2-barrel; and proven 318 V-8 are all available as options on the Family Man's Ranger.

Design concept.

The action Valiant Ranger

A lean, honest car, especially for the young. Dress-up extras — for not much extra.

Looks. The picture pretty well tells the story. New dual tone side stripes. Clean, curved body panels. Special styled wheels to set them off. Mag wheels with ER70 tyres are available, if you want them. Inside: Full instrumentation set in woodgrain fascia. Soft grip 3-spoke steering wheel. Deep bench seat. The floor-mounted handbrake drops down out of the way when engaged.

Your turn.

You can give the action man's Ranger, bucket seats with integral head restraints. A vinyl roof. A push-button, long range radio set-up. Carpet and air-conditioning.

You can also add a limited-slip differential. And take your choice of axles, to balance performance with economy. Just run your finger down the option chart.

Build your own Ranger. From the selection of comfort/convenience, sports package and performance options on back page.

Anything goes in equipping Ranger your way.



Ranger with optional sports pack and bucket seats.

Ranger with optional vinyl roof and wheel covers.





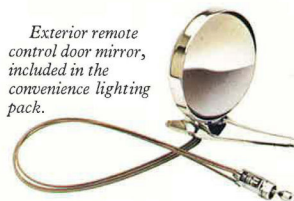
Comprehensive, practical dashboard with easy to read instrumentation. Colour coded steering wheel.



Optional high-backed front bucket seats with centre armrest if desired.



Optional push-button radio.



Exterior remote control door mirror, included in the convenience lighting pack.



Retractable vehicle-sensitive seat belts are standard equipment.



Optional console mounted automatic 3-speed transmission lever.



Rear bumper override, one of the items of the protection pack option.



Optional Satellite wheel cover.



Optional 6.5" silver styled road wheel with E70 HR radial tyres.



Optional 7" wide track mag wheel.

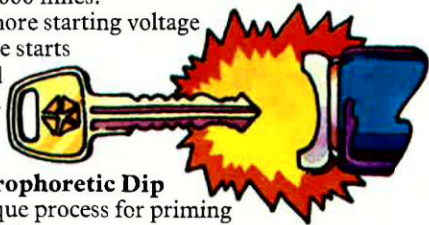
Engine details and specifications.

Electronic Ignition

Valiants are available with an exclusive electronic ignition system. The condenser and points are no longer there. So they'll never wear out or need to be replaced.

There's no need for ignition tune-ups (except for plug changes). Spark plug life is extended. Timing won't have to be touched for 50,000 miles.

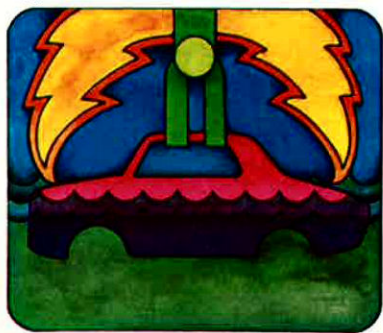
35% more starting voltage for sure starts in cold or wet.



Electrophoretic Dip

A unique process for priming our bodies.

The entire body is first placed in a tank full of primer. Then an electric current is run through it (something like silver or chrome plating).



The result is improved rust resistance, because the primer bonds perfectly with the body, and penetrates into every little crevice. And the surface becomes more uniform than with spray priming.

Dimensions:

Wheelbase 2819mm (111"). Overall length 4895mm (192.7"). Overall width 1885mm (74.2"). Overall height 1407mm (55.4"). Front track 1481mm (58.32"). Rear track 1491mm (58.72"). Trunk capacity .821m³ (29.0 cu ft.). Turning circle: 11.7 metres (38.6').

Weight (Estimated):

Ranger — Manual and Auto Six 1413kg (3115lb). Auto V8 1483kg (3270lb). (All weights unladen but with petrol and oil).

Transmission:

Manual: 3-speed, all synchromesh gearbox. Shift lever column mounted. Gear ratios — 1st, 2.95:1; 2nd, 1.69:1; 3rd, 1.00:1; reverse, 3.67:1. Optional 4-speed manual transmission 6 cyl. only. Lever floor mounted. Ratios — 1st, 3.32:1; 2nd, 2.00:1; 3rd, 1.43:1; 4th, 1.00:1; reverse, 3.00:1. Automatic: Torqueflite — torque converter coupled to 3-speed epicyclic transmission — manual override on 1st and 2nd gears. Gear selector lever and quadrant on steering column.

Rear Axle:

Hypoid, semi-floating type. Ratio 3.23:1 (Hemi 215) — 2.92:1 (Hemi 245, 265 and 318 V8).

Brakes:

Tandem master cylinder with separate front and rear brake circuits. 280mm (11") ventilated power assisted front disc brakes with sliding calipers. 230mm (9") diameter duo-servo rear drum brakes. Automatic adjustment during reverse stops. Swept disc/drum area 2114cm² (327.7 sq in). Cable operated handbrake, floor mounted on driver's side.

Wheels and Tyres:

Pressed steel with double-sided safety rims. Rim width 140mm (5.50"), 6.95 x 14 x 4-ply tyres.

Suspension:

Independent front suspension with chromium steel alloy torsion bars. 4-leaf longitudinal rear springs with double-action telescopic shock absorbers.

Fuel System/Capacity:

Mechanical pump with "in line" filter. Tank capacity 88.6 litres (19.5 gallons).

Instrumentation:

Speedometer. Odometer. Ammeter. Fuel gauge. Oil pressure warning light. Water temperature gauge. Braking system and hand brake warning light. High beam warning light. Turn signal indicators.

Steering Gear:

High efficiency recirculating-ball type. Ratio 20:1. Power steering option 15.7:1.

Clutch:

Diaphragm spring with pressure plate 241mm (9½") driving disc.

Colour Information:

As colour and trim availability differs between models, separate literature is available.

Ranger standard equipment includes:

Comfort/Convenience items:

Luxurious stitched and bolstered seats. Reversible key for doors and steering column/ignition locks. Ash trays front and rear. Remote controlled fresh-flow ventilation. Interior courtesy light with front door switches. Driver's side floor-mounted hand brake. Coat hooks. Cigar lighter. Quiet door locks. Trunk lamp. Finger-tip horn tabs. Extensive sound insulation. Glove box lock.

Standard Safety Features:

Seat belts, all passenger locations (retractable in front). 360° energy-absorbing steering column. Heater/demister. Tandem master cylinder, power assisted braking system, front discs. Flush fitting door handles, side impact protected, non override. Door reflectors. Power operated windscreen washers. Padded steering wheel hub. Two speed windscreen wipers. Non-glare windscreen wipers arms and "speed" blades. Safety padded sunvisors. Padded armrest, door handles with soft knob window regulators. Cushioned instrument panel (all controls behind steering wheel). Break-away interior rear view mirror. Reversing lamps. Double engine hood latch with interior release. Safety-zone toughened windshield. Double-sided safety wheel rims. Fusible link wiring. Anti-glare recessed instrument panel, with variable lighting. Radiator push button pressure release valve. Solid unibody construction.

OPTIONS/FEATURES	VALIANT	VALIANT RANGER
COMFORT/CONVENIENCE		
Air conditioning (inc. tinted glass)		O
Power steering (auto only)		O
Centre cushion armrest (bucket seat only)		O
Bucket seats — reclining — vinyl		O
Vent windows	O	O
Push-button radio		O
Taxi Package (215 & 245 only)	O	O
Taxi instrument panel	O	O
Retractor seat belts	S	S
Laminated windshield	O	O
DECOR/DRESS-UP		
Styled wheels 6.5" (require 185 SR x 14" or E70 HR x 14" tyres)		O
Cast alloy wheels—7" (require E70 HR x 14" tyres)		O
Carpeted interior		O
Vinyl roof		O
Convenience lighting Pack includes: Soft grip steering wheel, remote controlled mirror, prismatic mirror, ash receiver lamp, engine compartment lamp, rear door courtesy switches		O
Sports Package includes: Stripe treatment, instrument cluster, 3 spoke steering wheel, styled wheels radial tyres		O
Protection Package includes: Body side vinyl filled moulding—rear overriders		O
PERFORMANCE		
215 cu in. single barrel Hemi	S	S
245 cu in. single barrel Hemi		O
265 cu in. 2 barrel Hemi		O
318 cu in. 2 barrel V8 (auto only)		O
3 speed column shift—manual	S	S
4-speed floor shift—manual (with carpets only and bucket seats)		O
3 speed auto—column shift	O	O
Console auto shift (Bucket seats & carpet only)		O
Power disc brakes	S	S
Sure grip diff. 3.23:1 (6 cyl. only)	O	O
Heavy duty suspension pack	O	O
3.23:1 Rear axle std. 215 (N.A. V8)	S	O
185 SR B.S.W. tyres	O	O
E70 HR14 B.S.W. tyres		O
6.95 x 14" W.S.W. tyres		O
F78 x 14" x 4 W.S.W. tyres		O
F78 x 14" x 4 B.S.W. tyres		O

ENGINE DETAILS	HEMI 215 SIX	HEMI 245 SIX	HEMI 265 SIX	FIREBALL 318 V8
Displacement	3.5 l. (215 cu in)	4.0 l. (245 cu in)	4.3 l. (265 cu in)	5.2 l. (318 cu in)
Max. Power @ RPM	104kW (140bhp) @ 4400	123kW (165bhp) @ 4400	151kW (203bhp) @ 4800	171kW (230bhp) @ 4400
Max. torque @ RPM	271Nm (200lb/ft) @ 1800	319Nm (235lb/ft) @ 1800	355Nm (262lb/ft) @ 2000	461Nm (340lb/ft) @ 2400
Comp. Ratio	8.0:1	9.5:1	9.5:1	9.2:1
Bore x Stroke	89.4mm x 93.5mm (3.52" x 3.68")	95.5mm x 93.5mm (3.76" x 3.68")	99.3mm x 93.5mm (3.91" x 3.68")	99.3mm x 84.0mm (3.91" x 3.31")
Valves	Overhead	Overhead	Overhead	Overhead
Crankshaft	7-bearing	7-bearing	7-bearing	5-bearing
Tappets	Hydraulic (self adjusting)	Hydraulic (self adjusting)	Hydraulic (self adjusting)	Hydraulic (self adjusting)
Choke	Manual	Automatic	Automatic	Automatic
Carburettor	Single 1-bbl. down-draught	Single 1-bbl. down-draught	Single 2-bbl. down-draught	Single 2-bbl. down-draught
Exhaust System	Single outlet	Single outlet	Single outlet	Single outlet
Air Cleaner	Dry-paper element	Dry-paper element	Dry-paper element	Dry-paper element
Alternator	35 Amp	35 Amp	35 Amp	35 Amp
Recom. Fuel	Standard	Super	Super	Super

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