

1978 Plymouth *Horizon*

GOES ANYWHERE WITH COMFORT AND CONFIDENCE

1978 CAR OF THE YEAR

... Motor Trend Magazine





With HORIZON . . . you'll discover a new confidence

Rain, snow, and wind can be tough on a car. With Horizon, you'll move confidently over mud, snow, or rain-slick roads. Its front wheels do the driving. You're being "pulled" by the front wheels. Horizon's combination of this front wheel drive and engine mounted ahead of the drive wheels adds weight and traction to give you effective control.

Horizon is the first front wheel drive car with transverse-mounted engine ever built in North America. Add this to its rack-and-pinion steering and you have a car with real road handling character.

Long trips . . . HORIZON passes "the test"

It hugs the road, rides quiet, and steady.

That's due to engineering excellence in combining a 2520-millimetre (99.2-inch) wheelbase with four-wheel coil spring suspension. This contributes to a great road-hugging performance with a minimum of road noise and less buffeting by strong crosswinds or side drafts from oncoming big trucks.

An anti-roll bar in the front suspension, an anti-roll bar effect in the rear, four-wheel independent coil spring suspension, and standard glass-belted radial tires all contribute to remarkable control and stability. You'll be surprised how smooth the ride will be.

That standard 1.7-litre overhead cam engine and four-speed transmission will let you discover the fun of driving and what economy really means.





Space designed for comfort and luxury

Horizon's roominess is a direct result of its basic engineering. Front wheel drive and crosswise engine placement reduces the driveshaft and transmission hump. Presto . . . this space can now be used. There's a lot less dead, unusable space. See it . . . believe it.

How does Horizon use the space? It serves to store the spare in a recessed area where the rear axle housing would be located in most cars.

How do you want your HORIZON?

You can select the decor of your personal Horizon from exterior and interior packages.

There are three exterior packages: Custom, Premium, and Premium Woodgrain. The interior offers a Custom and Premium package to suit your personal taste. All packages are offered on an optional basis.

Your salesman can give you full details so you get the car you want . . . at your budget.

Relax . . . *Horizon* can handle it





Discover new comfort and convenience

Four doors for people . . . a fifth one for stowing cargo . . . are standard.

And you'll like its people-room inside. With the drive-shaft and transmission tunnel reduced, there's room for legs, feet, shoulders, and hips—all adding up to seating comfort.

Bucket seats, cut-pile carpeting and plenty of glass area let you relax and enjoy your driving more.

Horizon's standard bucket seats are adjustable, vinyl-trimmed with integral head restraints. Colour-keyed cut-

pile carpeting, specially under-insulated with thick efficient sound deadening pad helps keep out road noises.

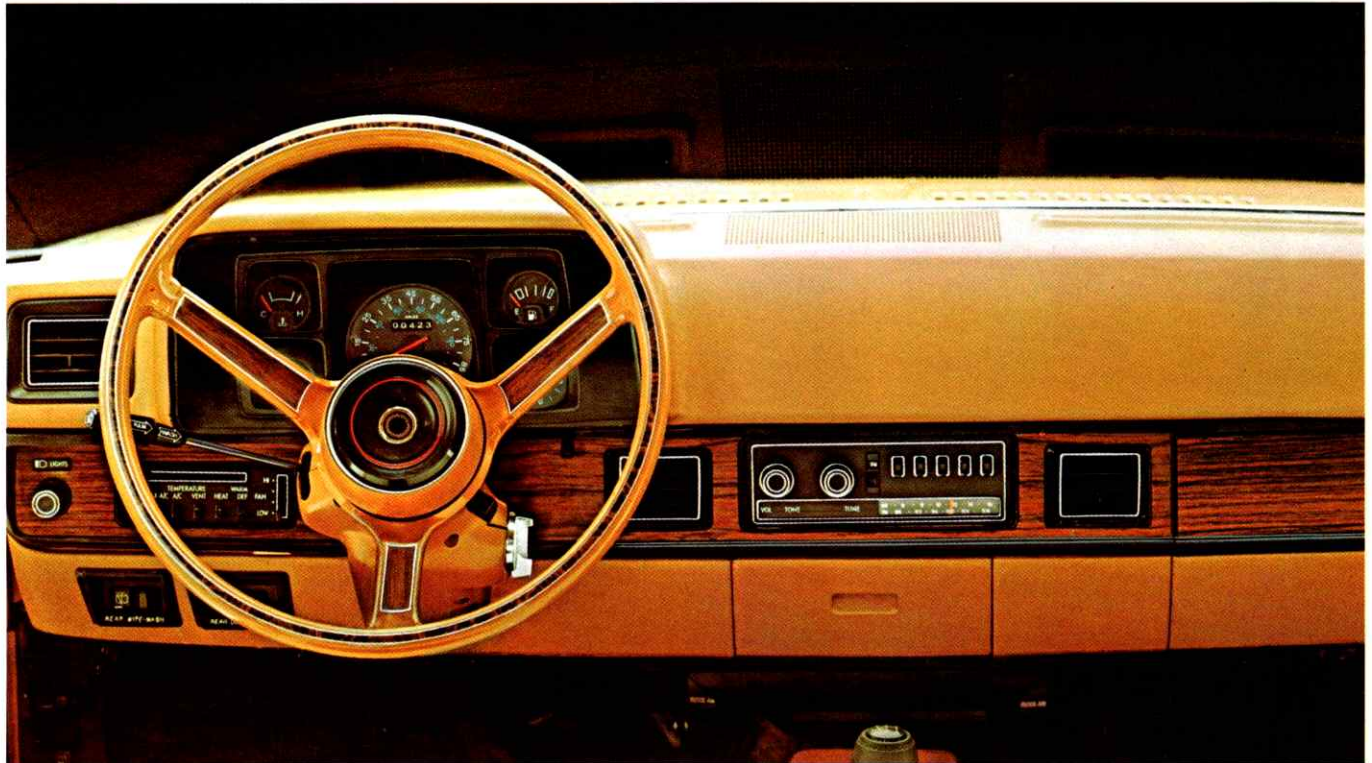
You can select, as an option, Custom or Premium interiors ranging from all-vinyl, cloth and vinyl, porous vinyl and crushed velour cloth.

The premium interiors feature reclining seat backs and adjustable head restraints. They look good . . . and the reclining feature will make you feel good!

It's hard to believe it but your Horizon can really carry a great deal. The rear seat starts by accommodating two adults . . . not just a simple padded rear bench.



A standard movable security shelf panel is attached to the rear seat backrest and hinged to fold down against the backrest when the rear seat is folded down. A simple arrangement of detachable cords lets the panel raise up when the liftgate is raised. The shelf and its support panels are covered with soft trim material. When the shelf is in place, it acts as a security panel, concealing items in the luggage area from view.



You'll know what's going on

It's easy to establish a quick relationship with Horizon. Horizon's speedometer, ammeter, engine temperature and fuel information is all imparted on simple, readable gauges. Numerals are white on black background and are as easy to read at night as during the day. Flanking these gauges are reminder or warning lights for high beam, belt fastening, brakes and oil level. An optional clock is available. A three-spoke steering wheel is designed so that you get an uninterrupted view of the cluster. First-

time Horizon "testers" are always intrigued by the multi-purpose control stalk on the steering column. It houses the turn signals, the headlamp beam selector control and the windshield wiper and washer with its standard "pulse-wipe" feature. So much taking so little space and you needn't take your hand off the steering wheel.

The gear shift lever with shift pattern diagrammed on the lever knob is located near at hand for quick decisive changes. Relax. Horizon can handle it.

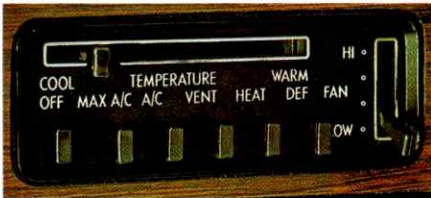
OPTIONS . . . to make your Horizon more enjoyable . . . worth more at trade-in



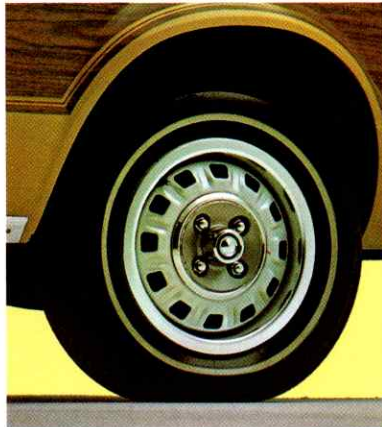
A.



B.



C.



E.



D.



F.&G.



H.



I.



J.

A.&B. ROOF RACK. Here's a handy multi-purpose, roof-mounted roof rack that can handle luggage, bikes or skis. Load capacity is 68 kilograms (150 pounds) and there's the added advantage of its being easily demountable.

C. AIR-CONDITIONING. Horizon's optional air-conditioning system incorporates a new compressor and aluminum condenser that work to provide conditioned air to the car interior smoothly and with vibration-free action. The system provides rapid cool-down and excellent air distribution throughout the car interior.

D. RADIOS. Horizon sound systems include available AM/FM and AM/FM Multiplex stereo units—all Chrysler manufactured. Systems include a stainless steel fender-mount antenna and the stereo system includes speakers for each front door trim panel as well as the instrument panel.

E. WHEELS. A combination of wheel trim rings and rallye hubs, added to Horizon's standard wheels, give it a snappy road car look. You can add steel-belted whitewalls, too, for the added road life and durability they deliver along with improved fuel economy and smooth highway ride.

F. REAR WINDOW DEFROSTER. Another beneficial safety item is an electric defroster for the rear window. When activated by a switch on the instrument panel, the wires heat up, clearing the window of snow, ice and fog.

G. REAR WINDOW WIPER. You can be assured that Horizon's rear window will be kept clean with this handy rear window wiper and washer system.

H. STORAGE COMPARTMENT. Dress-up Horizon's interior. This convenient, up-front storage compartment has a handy roll-top cover.

I. TORQUEFLITE AUTOMATIC TRANSMISSION For those who wish to drive without shifting gears, Horizon has the three-speed automatic transmission.

J. REMOTE CONTROL MIRRORS (Left and Right) Provides additional safety and convenience. From inside the car, you can adjust your mirrors and see what's coming left and right.

HORIZON . . . tomorrow's engineering today

1. Horizon is the first front wheel drive car with transverse-mounted engine ever built in North America.
2. Horizon is a "metric car" . . . components were designed to metric measure.
3. Horizon passengers enjoy a smooth ride. Horizon offers four-wheel independent suspension using low-rate coil springs, shock-absorbing front strut units, rear trailing arms, and anti-sway bars at front and rear. The suspension is wonderfully supple.
4. Horizon provides a diagnostic plug in the engine compartment. Makes electrical system tests quick and efficient.
5. Horizon serviceability is refreshingly simple.*
 - *Components like the distributor, spark plugs, and engine oil dipstick are forward facing, easy to see and reach.
 - *Electronic ignition system eliminates need for distributor contact points or a condenser.

- *The cooling system has a single easy-to-reach drain plug.
- *Clutch adjustments can be made without tools or measuring instruments in cars equipped with manual transmission.
- *The cooling system thermostat is easily removable. It's located at the front of the engine.
- *The engine oil pan is easy to remove and replace.
- *You don't have to pull the air cleaner housing to set the carburetor idle speed.
- *There's no fan belt to replace. Horizon uses an electric driven fan (thermostatically-actuated).
- *Headlights are easily replaced simply by removing the headlamp frame. You can align the lights without removing any trim.
- *Changing tires is remarkably easy . . . the tire/wheel weighs less than larger cars, jacking points are readily available at four body-sill locations.

- *If a radio antenna is damaged, it is easily replaced without removing the antenna mount or disturbing the lead-in wire.
6. Horizon makes liberal use of corrosion-resistant galvanized steel in all major body side panels.
 7. Horizon oil changes are needed only at 12,000 km/six-month (7,500 miles/six-month) intervals in normal conditions.
 8. Horizon includes Chrysler's exclusive Electronic "Lean-Burn" Engine System which promotes smooth warm-up, zesty performance, and efficient fuel use.
 9. Horizon features rack-and-pinion steering, a system commonly used in expensive sports cars.
 10. Horizon provides excellent directional and cross wind stability.
 - *front wheels drive and steer.
 - *engine/transmission weight located over the driving wheels.

Standard Equipment

Alternator—60 amp.
Battery—325 amp.
Segmented argent grille with single rectangular headlamps
1.7 litre overhead cam four-cylinder engine with Electronic "Lean-Burn" System and two-barrel carburetor
Floor-mounted four-speed manual transmission
All-vinyl bucket seats with door armrests
Unibody construction
Colour-coded vinyl sun visors
Two coat hooks
Colour-coded perforated hardboard headlining
Counter-balanced hatchback
Precision electric choke
Upper level ventilation system
Full coil suspension with anti-sway bar, front and rear
Tri-colour taillamps
Built-in electronic diagnostic connectors to facilitate servicing
Convenient column-mounted single-lever master control for turn signals (with lane change feature), headlamp dimmer, and windshield wiper and washer (with "pulse wiper") feature
Rack-and-pinion steering
Anodized, bright aluminum front and rear bumper face bars
Cut-pile carpeting in passenger compartment
Three-spoke steering wheel
Radio—AM

Folding security shelf panel
Cigarette lighter
Bumper nerf strips
Hood release—Inside
Tires—P155/80R13 glass belted radial whitewall
Protection vinyl side moulding (black)
Mirrors—Interior rear view and outside left rear view
Manual front disc/rear drum brake system
Fuel Tank—49.2 litre (10.8 gallons)
Coolant recovery system

Optional Equipment

Air conditioning
Guards, front and rear (rub strips are required)
Cargo compartment carpet and sound insulation
Console with rear ashtray and woodgrain accents (included with Premium Interior Package)
Clock (dealer installed)
Rear electric defroster (includes 65 amp. alternator and tinted rear window)
Locking gas cap
Tinted glass: all windows. Or windshield only
Dual horns
Glove box lock (included with Premium Interior Package)
Luggage rack, roof
Accessory floor mats—colour-keyed

Mirrors: Day/Night, inside
Remote-control, left-hand (included with Popular Equipment Group)
Remote-control, left and right-hand
Power steering
Power front disc brakes
Radios: AM/FM
AM/FM stereo (two front door speakers)
Rear window wiper/washer
Deluxe three-spoke steering wheel (included with Premium Interior Package)
Sport stripes (three-tone tape striping)
Heavy-duty suspension
Three-speed automatic transmission
Undercoating
Vinyl roof (red, tan, green, blue, silver, black, white)
Tires: P165/75R13, glass-belted radial ply whitewall minimum size (with air conditioning)
P165/75R13 steel-belted radial ply whitewall
Wheel trim rings (included with Popular Equipment Group)
Rallye wheel (with bright hubs and trim rings)
Bright rallye hubs (without trim rings)
Classic two-tone paint in five combinations (not available with Premium Woodgrain Exterior Package)

HORIZON — Basic Specifications

Exterior Dimensions

	4-Door Hatchback	
	Millimetres	Inches
Wheelbase	2520	99.2
Overall Length	4186	164.8
Overall Width	1681	66.2
Height	1356	53.4
Track—Front	1410	55.5
—Rear	1400	55.1

Interior Dimensions

	4-Door Hatchback	
	Millimetres	Inches
Headroom—Front	973	38.3
—Rear	950	37.4
Legroom—Front	1062	41.8
—Rear	838	33.0
Shoulder Room—Front	1314	51.7
—Rear	1309	51.5
Hiproom—Front	1336	52.6
—Rear	1330	52.4
Cargo Compartment* (dm ³) (cu. ft.)	1014	35.8

*Second seat in down position

Engine Specifications

Displacement (litres)	1.7
Application	Standard
Installed Net Power (kW @ R.P.M.)	55 @ 5600
(H.P. @ R.P.M.)	75 @ 5600
Installed Net Torque (N•m @ R.P.M.)	120 @ 3200
(Lb/ft. @ R.P.M.)	90 @ 3200
Compression Ratio	8.2:1
Air Cleaner	Dry Type, Replaceable Element
Carburetor	2-Barrel
Cooling System	Crossflow (includes Coolant Recovery System)
Alternator—12 volt	60 ampere
Battery—12 volt	325 amp.
Fan (blades)	6
Oil Capacity (litres)	4.3
Oil Filter	Full Flow Throwaway
Transmission—Standard	4-Speed Manual
—Optional	Automatic
Electronic "Lean-Burn" System	Standard

Chassis Specifications

ENGINE DISPLACEMENT (litres)	4-Cylinder	1.7
BRAKES	Type	Disc Front, Drum Rear
	Size (mm)	Disc Brakes, Front Wheels
		Drum Brakes, Rear Wheels
	(inches)	Disc Brakes, Front Wheels
	Drum Brakes, Rear Wheels	
FUEL CAPACITY	litres	49.2
	gallons—Imperial	10.8
FUEL USAGE		Leaded or Unleaded
STEERING RATIO	Type	(Rack & Pinion) Manual
		Overall Ratio—Manual
		—Power
	Turning Diameter	Curb to curb (metres)
	(feet)	
SUSPENSION	Type	Coil Springs
		Front & Rear



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REG. SAITH MOTORS LTD.
95 COMMERCE RD., P.O. BOX 370
ORILLIA, ONT. TEL. 326-6485

