

**mazda**



ON ROAD  
\$ 6548.00

RON TUCKER  
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# Capella 1600

The 1600, sedan and coupe.

We won't tell you anything about their styling and appearance. Your own eyes can do that as you glance through these pages. But there are many nice things about these cars that you should know about.

**SAFETY.** The body is of the semi-monocoque type. The frames at the front and rear have been designed to absorb much of the force of front or rear end collision. Windshield and rear window are fitted to the body by a specially developed glass-to-body bonding method which prevents the glass from 'popping out' under impact, the windshield itself is made of HPR laminated safety glass.

Each of the headlights is independently fused, with the fusebox for the car's electrical system conveniently placed inside the car under the dash, where it's easy to reach in case of emergency. Front disc and rear drum brakes are power assisted, working through a dual circuit system. Secondary safety aids include warning flashers front, back and sides and a front-hinged bonnet.

**COMFORT.** Safety and comfort go hand in hand. You'll drive better and more safely if you're comfortably seated with all controls within easy reach. The 1600 has deep, form-fitting bucket seats which are adjustable to nine different positions for height and leg reach. They both fully recline for you or your passenger to take a nap. The four-spoke steering wheel is covered in soft, easy-to-clean leather-like material, horn pads are placed in the centre and sides.

Instruments are sunk deeply into the padded dashboard. In the sedan, a large electric clock and speedometer are placed directly in front of the driver with water temperature and fuel gauges to left and right. The coupe is equipped with tachometer and speedometer, with an electric clock in the centre console. All instruments are illuminated, with the light intensity adjustable by a hand-controlled rheostat. A multi-action, lever cum switch on the steering column gives finger-tip control of windshield washers, wipers, turn signals, passing lights and headlight dimmer. A separate stalk operates head, parking and instrument lights.

The 1600's ventilation system has been widely praised by the

motoring press. It brings in a steady stream of cooling, fresh air through vents on each side of the dash, and through lower vents for the legs and feet. Stale air exit vents are placed in the rear, so ensuring a constant stream of fresh air for front and rear seat passengers.

Other comforts and conveniences include thick, wall-to-wall carpets, twin sun visors, cigarette lighter, and ashtrays front and rear. The coupe has a useful parcel tray under the dashboard, with roll down windows in the rear.

**HANDLING.** Out on the open road the 1600 is a sheer pleasure to drive. The steering is light and positive with a variable ratio that makes tight, lock-to-lock turns easy and straight-line highway driving effortless. Through the corners it's sure-footed and safe thanks to wide, low profile tyres matched to a four-link spring/coil rear and strut/coil front suspension.

**PERFORMANCE.** The ratios of the smooth, all-synchromesh gearbox have been carefully selected to get the very best all-round performance from the 1,586cc, OHC alloy head engine. Third gear acceleration when overtaking is truly impressive, yet the car will potter about town quite comfortably in top. Considering the performance, it's hard to believe—but very gratifying for economy-conscious drivers, to realize that the 1600 prefers the cheaper, regular grade gasolines.

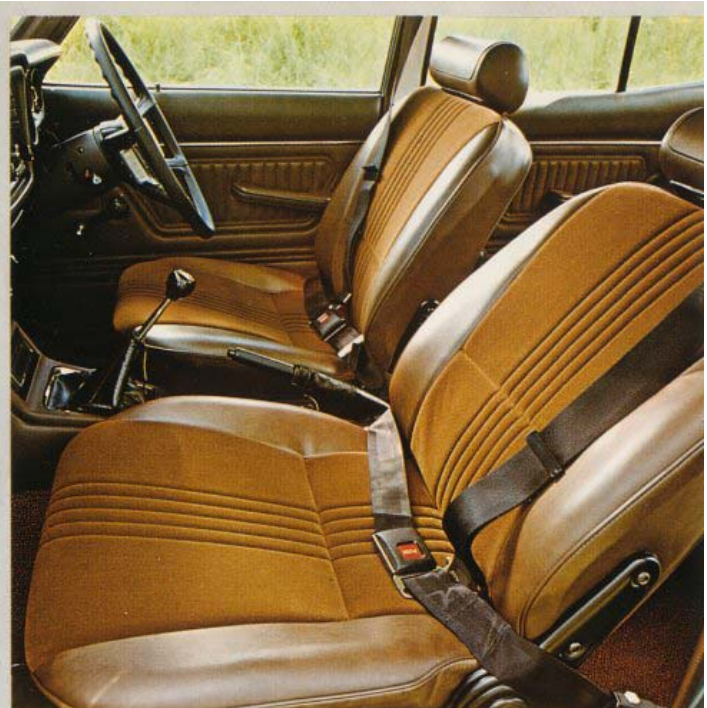
**QUALITY.** Mazda automobiles are renowned for the excellence of their workmanship and finish. There are sound reasons for this reputation which are not generally known. Unlike most auto makers, we produce our own gauge blocks (precision measuring) units which are used throughout the machining industry as well as in Mazda plants. The degree of technological expertise required to make these blocks can be judged from the fact that our AA grade gauge blocks are accurate to within 5/100,000mm.

Again, unlike most manufacturers, we make our own machine tools which we use extensively to machine the key components of our automobiles. Parts like cylinder blocks and heads, crankshafts and pistons are made in our own plants with our own machine tools. The 1600's paint process is another example of our concern for quality. Before its final inspection, the shell will have gone through sixteen different stages including five applications of paint. The 1600.

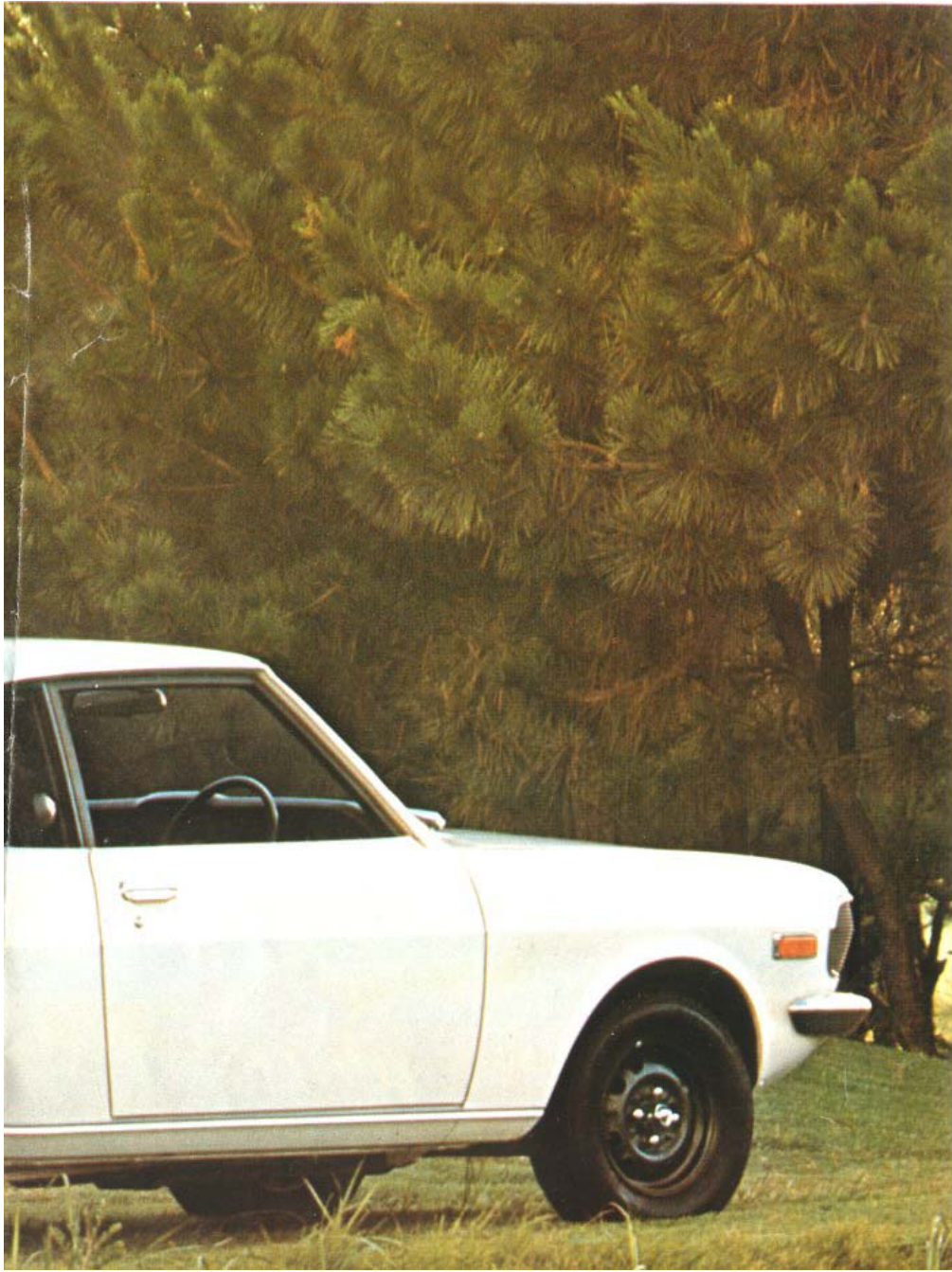
A car for the discerning buyer.











## ENGINE

The 1600 sedan and coupe are equipped with a 1,586cc in-line overhead camshaft engine. To reduce weight and assist heat dissipation it is fitted with an aluminum alloy cylinder head. With a compression ratio of 8.6, the engine runs smoothly and efficiently on regular grade gasoline, so it is indeed a power plant designed for this day and age. This does not mean that performance has been sacrificed for economy; a perfect balance has been struck between the two.

Efficient use of the car's four-speed synchromesh gearbox will provide the kind of performance usually associated with sports cars, and the engine will cruise at high revs all day long without complaining. The crankshaft is of the type found on cars costing much more than the 1600, a five-bearing unit noted for its strength and wear resistance.

## STANDARD FEATURES

- Choice of eleven body and four interior colours
- 4-spoke steering wheel
- Electric clock
- Tachometre (coupe)
- Trip recorder
- Rheostat-controlled instrument panel
- Hazard warning flashers
- Anti-dazzle interior mirror (coupe)
- Twin sun visors
- 5-function lever/switch
- Steering lock
- 2-speed wipers with twin jet washers
- Door-operated interior courtesy lamp
- Front reclining seats
- Centre console (coupe)
- Door to door carpeting
- Front parcel tray (coupe)
- Independent headlight fuses
- Cigarette lighter
- Ashtrays front and rear
- Locking glovebox (coupe)
- Interior fusebox
- Windshield antenna (Sandwiched in windshield)
- HPR (High Penetration Resistance) laminated safety glass windshield
- Front disc brakes
- Dual circuit brake system with power assist
- Roll-down quarter windows (coupe)
- Locking petrol tank cover
- Bonded windshield and rear window
- Front hinged bonnet
- Variable, ball & nut steering
- Semi-monocoque body
- 4-link type rear suspension
- 6.45S 13-4 low profile tyres



## OPTIONAL EQUIPMENT

Item	Sedan	Coupe
Radio	△	△
Stereo tape player	△	△
Three-speed, fan-boosted heater	△	△
Heated rear window	△	△
Air conditioner	△	△
Adjustable headrests	△	△
165SR 13 radial tyres	△	△
Centre console	△	○
Front parcel tray	△	○
Anti-dazzle interior mirror	△	○
3-speed, 6-position automatic transmission	△	□
Seat belts	△	△

- △ . . . Option  
○ . . . Standard  
□ . . . Not available



## SPECIFICATIONS

CAPELLA 1600 SEDAN (MODEL: SNA)  
\*COUPE (MODEL: SNA)

<b>ENGINE</b>	
Type	4-cylinder, in-line, OHC
Cooling System	Water-cooled
Bore & Stroke	78mm (3.07 in.) x 83mm (3.27 in.)
Displacement	1,586cc (96.8 cu.in.)
Carburetor	Down-draft, 2-stage, 2-barrel type
Compression Ratio	8.6
Fuel Pump	Electric
<b>DRIVE TRAIN</b>	
Clutch	Single dry plate, diaphragm
Transmission	4-speed, fully synchronized
Gear Ratios	1st: 3.403 2nd: 2.005 3rd: 1.373 4th: 1.000 Rev.: 3.665
Final Drive	Rear wheel drive
Final Drive Ratio	3.909
<b>CHASSIS &amp; SUSPENSION</b>	
Frame	Semi-monocoque
Suspension, Front	Strut type with coil springs
Suspension, Rear	4-link type coil springs and lateral rod
Shock Absorbers, Front	Hydraulic, double acting type
Shock Absorbers, Rear	Gas filled, hydraulic double acting type
<b>STEERING</b>	
Type	Ball & nut, variable (17.0-19.0)
Turning Circle (Approx.)	9.4m (30 ft. 10 in.)
<b>BRAKES</b>	
Type, Front	Hydraulic disc brakes (184mm (7.24") diameter) with power assist
Type, Rear	Hydraulic drum brakes (200mm (7.87") diameter) with power assist
Emergency Brake	Mechanical, on rear wheels
<b>WHEELS &amp; TIRES</b>	
Wheel Size	4½J x 13
Tire Size	6.45S 13-4PR
<b>DIMENSIONS &amp; WEIGHT</b>	
Wheelbase	2,470mm ( 97 in.)
Track, Front	1,290mm ( 51 in.)
Track, Rear	1,290mm ( 51 in.)
Overall Length	4,260mm ( 168 in.)
Overall Width	1,580mm ( 62 in.)
Overall Height	1,435mm ( 56 in.)
	*1,395mm ( 55 in.)
Curb Weight (Approx.)	995 Kg ( 2,195 lb.)
	*985 Kg ( 2,175 lb.)
<b>FUEL TANK</b>	
Capacity	50 lit. (11.0 Imp. gal.)

**NOTE:** As this catalogue is printed for various world markets, a number of specifications and standard equipment items shown do not apply in your country. Additionally, several items shown as optional are, in fact, standard. And all specifications are subject to change without notice. Please check the exact current specification with your local Mazda Agent.