

# Mazda

**An exciting range of vehicles—  
saloons, coupés, estates and a  
dual purpose pick-up truck.**

**1000, 1300, 818, 929,  
RX-3, RX-4 and B1600**

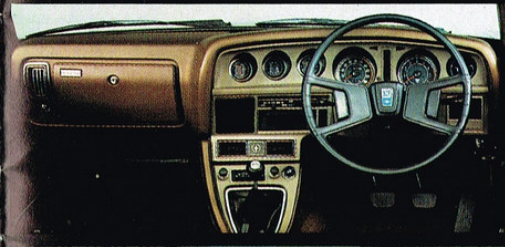




RX-4 estate



RX-4 coupe



RX-4 saloon

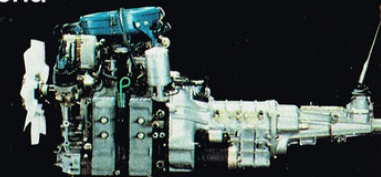


# Specifications

RX-4 SALOON (Model: LA23S)	RX-4 COUPE (Model: LA23S)	RX-4 ESTATE (Model: LA23W)	SPECIFICATIONS	RX-3 SALOON (Model: S102A)	RX-3 COUPE (Model: S102A)
Rotary engine, in-line, 2 rotors			<b>Engine</b>	Rotary engine, in-line, 2 rotors	
654cc x 2			<b>Displacement</b>	491cc x 2	
9.2:1			<b>Compression ratio</b>	9.4:1	
Downdraught, 2-stage, 4-barrel type			<b>Carburettor</b>	Downdraught, 2-stage, 4-barrel type	
65 lit. (14.3 gal.)		67 lit. (14.74 gal.)	<b>Fuel tank capacity</b>	60 lit. (13.2 gal.)	
5-speed, synchromesh on all forward gears			<b>Transmission</b>	4-speed, all synchromesh on all forward gears	
Recirculating ball, 18.0:1 - 20.0:1 (variable)			<b>Steering type, gear ratio</b>	Recirculating ball, 17.0:1 - 19.0:1 (variable)	
5.0m (16 ft. 5 in.)			<b>Minimum turning radius</b>	4.3m (14 ft. 6 in.)	
Hydraulic disc brakes with power assist			<b>Brakes, front</b>	Hydraulic disc brakes with power assist	
Hydraulic drum brakes with power assist			<b>Brakes, rear</b>	Hydraulic drum brakes with power assist	
195/70 HR 13 radial			<b>Tyre size, front &amp; rear</b>	155 SR 13 radial	
Strut type with coil springs			<b>Suspension, front</b>	Strut type with coil springs	
Live axle, semi-elliptic leaf springs			<b>Suspension, rear</b>	Live axle, semi-elliptic leaf springs	
2,510mm ( 99 in.)	2,510mm ( 99 in.)	2,510mm ( 99 in.)	<b>Wheelbase</b>	2,310mm ( 91 in.)	2,310mm ( 91 in.)
4,325mm (170 in.)	4,320mm (170 in.)	4,490mm (177 in.)	<b>Overall length</b>	4,065mm (160 in.)	4,065mm (160 in.)
1,660mm ( 65 in.)	1,665mm ( 66 in.)	1,660mm ( 65 in.)	<b>Overall width</b>	1,595mm ( 63 in.)	1,595mm ( 63 in.)
1,410mm ( 56 in.)	1,380mm ( 54 in.)	1,420mm ( 56 in.)	<b>Overall height</b>	1,375mm ( 54 in.)	1,350mm ( 53 in.)
1,380mm ( 54 in.)	1,380mm ( 54 in.)	1,380mm ( 54 in.)	<b>Track, front</b>	1,300mm ( 51 in.)	1,300mm ( 51 in.)
1,370mm ( 54 in.)	1,370mm ( 54 in.)	1,370mm ( 54 in.)	<b>Track, rear</b>	1,290mm ( 51 in.)	1,290mm ( 51 in.)
1,130kg (2,490 lb.)	1,130kg (2,490 lb.)	1,175kg (2,590 lb.)	<b>Kerb weight</b>	900kg (1,985 lb.)	895kg (1,975 lb.)

*These specifications are subject to change without notice.*

The Mazda Rotary Engine retains the precision of quality craftsmanship while leading the world in rotary engine production—over 700,000 units produced to date.



An engine whose time has come! The power plant of the future functioning reliably in the demanding conditions of today.

The Rotary Engine principle is not complicated — that is its beauty. The Rotary Engine gives a four cycle pulsing action with two cycle simplicity. The triangular shaped rotor *rotates* in a planetary path around the eccentric output shaft while at the same time rotating around its own center. This double rotation virtually eliminates all traditional engine vibration. The rotating rotor divides the close fitting housing into three combustion chambers, and the unique orbicular action causes these three reaction chambers to travel in a circular path within the housing. These chambers progressively grow larger and smaller, giving the intake-compression-expansion-exhaust cycles necessary for superior internal combustion engine performance. An eccentric

output shaft that is rotating three times faster than the rotor transfers the engine torque to the drive train.

The Rotary Engine has several inherent advantages over the equivalent power conventional engine:

- \* The size and weight are considerably less.
- \* Valve noise and wear is non-existent.
- \* The number of parts (and service problems) are greatly reduced.
- \* Nitrous oxide pollutants are kept at lower levels.
- \* Excellent performance even with low lead and low octane fuels.

Remember, the Mazda Rotary Engine is guaranteed for 24 months or 24,000 miles, whichever occurs first.

## RX-3 coupe



## RX-3 saloon



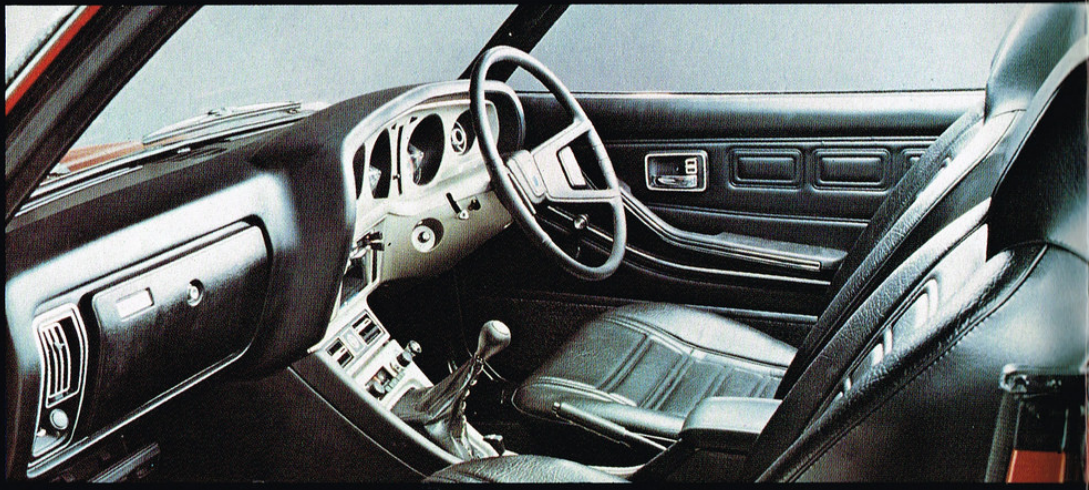
929 coupe



929 saloon



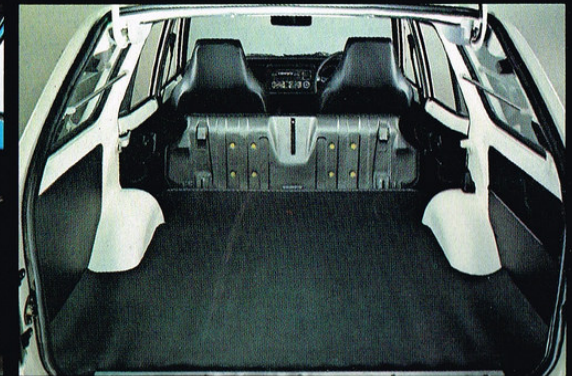
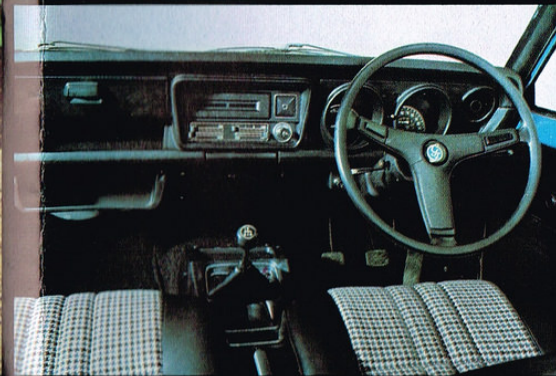
929 estate



818 coupe 818 estate



818 saloon



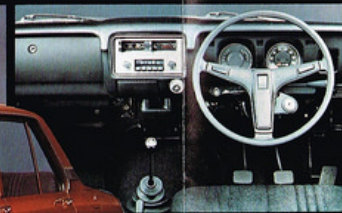
# Specifications

SPECIFICATIONS	929 SALOON* (Model: LA2VS)	929 COUPE (Model: LA2VS)	929 ESTATE (Model: LA2VV)	818 SALOON (Model: STC)	818 COUPE (Model: STC)	1000 ESTATE (Model: STCV)	1300 SALOON (Model: FA3TS)	1300 ESTATE (Model: STBV)	1000 SALOON (Model: FA3PS)	B1600 PICKUP (Model: BNA61)	SPECIFICATIONS
Engine	In-line, 4-cylinder, OHC			In-line, 4-cylinder, OHC			In-line, 4-cylinder, OHC		In-line, 4 cylinder, OHC	In-line, 4 cylinder, OHC	Engine
Displacement	1769cc			1272cc			985cc		1586cc	1586cc	Displacement
Compression ratio	8.6:1			9.2:1			9.2:1		8.8:1	8.6:1	Compression ratio
Carburettor	Downdraught, 2-stage, 2-barrel type			Downdraught, 2-stage, 2-barrel type			Downdraught, 2-stage, 2-barrel type		Downdraught, 2-stage, 2-barrel type	Downdraught, 2-stage, 2-barrel type	Carburettor
Fuel tank capacity	65 lit. (14.3 gal.)	67 lit. (14.7 gal.)		45 lit. (9.9 gal.)	40 lit. (8.8 gal.)		40 lit. (8.8 gal.)	35 lit. (7.7 gal.)	40 lit. (8.8 gal.)	45 lit. (9.9 gal.)	Fuel tank capacity
Transmission	4-speed, synchromesh on all forward gears			4-speed, synchromesh on all forward gears			4-speed, synchromesh on all forward gears		4-speed, synchromesh on all forward gears	4-speed, synchromesh on all forward gears	Transmission
Steering type, gear ratio	Recirculating ball, 18.0:1 - 20.0:1 (variable)			Recirculating ball, 17.0:1 - 19.0:1 (variable)			Recirculating ball, 17.0:1 - 19.0:1 (variable)		Recirculating ball, 17.0:1 - 19.0:1 (variable)	Recirculating ball, 17.6:1	Steering type, gear ratio
Minimum turning radius	5m (16 ft. 5 in.)			4.3m (14 ft. 6 in.)			4.2m (13 ft. 8 in.)	4m (13 ft. 2 in.)	4.2m (13 ft. 8 in.)	5.0m (16 ft. 5 in.)	Minimum turning radius
Brakes, front	Hydraulic disc brakes with power-assist			Hydraulic disc brakes			Hydraulic disc brakes		Hydraulic disc brakes	Hydraulic drum brakes	Brakes, front
Brakes, rear	Hydraulic drum brakes with power-assist			Hydraulic drum brakes			Hydraulic drum brakes		Hydraulic drum brakes	Hydraulic drum brakes	Brakes, rear
Tyre size, front & rear	175 SR 13 radial			155 SR 13 radial			155 SR 13 radial		155 SR 13 radial	6.70-14C-8PR	Tyre size, front & rear
Suspension, front	Strut type with coil springs			Strut type with coil springs			Strut type with coil springs		Strut type with coil springs	Wishbone, coil spring	Suspension, front
Suspension, rear	Live axle, semi-elliptic leaf springs			Live axle, semi-elliptic leaf springs			Live axle, semi-elliptic leaf springs		Live axle, semi-elliptic leaf springs	Live axle, semi-elliptic leaf springs	Suspension, rear
Wheelbase	2,510mm ( 99 in.)	2,510mm ( 99 in.)	2,510mm ( 99 in.)	2,310mm ( 91 in.)	2,310mm ( 91 in.)	2,310mm ( 91 in.)	2,260mm ( 89 in.)	2,260mm ( 89 in.)	2,260mm ( 89 in.)	2,650mm (104 in.)	Wheelbase
Overall length	4,240mm (167 in.)	4,320mm (170 in.)	4,405mm (173 in.)	3,970mm (156 in.)	3,970mm (156 in.)	3,995mm (157 in.)	3,855mm (152 in.)	3,700mm (146 in.)	3,855mm (152 in.)	4,370mm (172 in.)	Overall length
Overall width	1,660mm ( 65 in.)	1,665mm ( 66 in.)	1,660mm ( 65 in.)	1,595mm ( 63 in.)	1,595mm ( 63 in.)	1,595mm ( 63 in.)	1,540mm ( 61 in.)	1,480mm ( 58 in.)	1,540mm ( 61 in.)	1,600mm ( 63 in.)	Overall width
Overall height	1,410mm ( 56 in.)	1,380mm ( 54 in.)	1,410mm ( 56 in.)	1,380mm ( 54 in.)	1,355mm ( 53 in.)	1,405mm ( 55 in.)	1,385mm ( 55 in.)	1,405mm ( 55 in.)	1,385mm ( 55 in.)	1,565mm ( 62 in.)	Overall height
Track, front	1,380mm ( 54 in.)	1,380mm ( 54 in.)	1,380mm ( 54 in.)	1,295mm ( 51 in.)	1,295mm ( 51 in.)	1,285mm ( 51 in.)	1,275mm ( 50 in.)	1,220mm ( 48 in.)	1,275mm ( 50 in.)	1,300mm ( 51 in.)	Track, front
Track, rear	1,370mm ( 54 in.)	1,370mm ( 54 in.)	1,370mm ( 54 in.)	1,290mm ( 51 in.)	1,290mm ( 51 in.)	1,280mm ( 51 in.)	1,255mm ( 49 in.)	1,200mm ( 47 in.)	1,255mm ( 49 in.)	1,300mm ( 51 in.)	Track, rear
Kerb weight	1,055kg (2,325 lb.)	1,055kg (2,325 lb.)	1,120kg (2,460 lb.)	830kg (1,810 lb.)	820kg (1,810 lb.)	875kg (1,930 lb.)	4-door 835kg (1,840 lb.) 2-door 820kg (1,810 lb.)	820kg (1,810 lb.)	810kg (1,785 lb.)	1,125kg (2,480 lb.)	Kerb weight

\*Optional automatic transmission available.

These specifications are subject to change without notice.

1300 saloon 2door/4door



1000 saloon 2door



1300 estate



B1600 pickup



CONCESSIONAIRE:

# MAZDA CAR IMPORTS (GB) LIMITED

LONGFIELD ROAD, NORTH FARM INDUSTRIAL ESTATE, TUNBRIDGE WELLS, KENT TEL. TUNBRIDGE WELLS 34431 (STD CODE 0892)

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# MAZDA

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MAZDA ROTARY ENGINE: LICENSED BY NSU/WANKEL