

Fuel system		323 Turbo 4x4	1986 to 1989
Idle speed - manual [auto]	rpm	800 to 900	
Fast idle speed - manual [auto]	rpm	_	
CO @ idle speed [3000 rpm] - see page VI	%	≤0.3	
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200	
CO2 @ idle speed [3000 rpm] - see page VI	%	_	
O2 @ idle speed [3000 rpm] - see page VI	%	_	
Carburettor / fuel injection		Mazda	
Type / ref		EGI electronic injection	
Main jet / needle		_	
Injection pressure	bar	1.7 to 2.2	
Pump pressure	bar	4.4 to 5.9	
Octane rating	RON	96[E 98 RON]	
Ignition system		323 Turbo 4x4	1986 to 1989
Туре		Electronic	
Ignition coil		_	

ohms

3.1

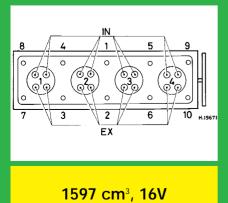
Ballast resistor		ohms	_	
Voltage - Tmnl 15(+) to earth		V	_	
Distributor			_	
Points gap (air gap) Dwell angle		mm ° (%)	-	
Condenser capacity		μF	-	
Rotation		P	Anticlockwise	
Ignition timing - basic [static	° Crankshaft (@ rpm	12±1 BTDC @ idle	
V = Vacuum NV = No Vacuum			NV	
Total ignition advance	° Crankshaft (_	
	 Crankshaft Crankshaft 		_	
Centrifugal check.	° Crankshaft (•	0@1200	
e en la gar en e en	° Crankshaft		18 @ 3500	
	° Crankshaft	@ rpm	25 @ 5800	
Vacuum range check		mbar	80 to 600	
Maximum vacuum advance	° Cran	kshaft	18 NGK/Channelon	
Spark plugs			NGK/Champion BCPR6E / RC7YC	
Type Electrode gap		mm	0.70 to 0.80	
Electrical system			323 Turbo 4x4	1986 to 1989
Battery		C / RC	12 / 50Ah	
Alternator voltage / full load current	U 1		14.1 to 14.7 / _ / 2500	
Starter motor current / voltage - cra	-	A/V	60 / 11.5 (no load)	
- loc	кеа	A / V	-	
Running gear			323 Turbo 4x4	1986 to 1989
Brakes -				
Front (min. friction material thic	•	mm	2.0	
Rear (min. friction material thick	iness)	mm	1.0	
Tyres		Cizo	105/60/14	
Saloon Estate / Van		Size Size	185/60x14	
Pressure - front / rear - Saloon		bar	2.0 / 1.8	
- Estate	Van	bar	_	
Front suspension / wheel alignme	nt			
Toe-in (+) / Toe-out (–)	r	nm [º]	+2.0±3.0	
Camber			+1°4′±30′	
Castor King pin inclination			+1°48′±45′ +13°	
Rear suspension / wheel alignme	nt		10	
Toe-in (+) / Toe-out (–)		nm [º]	_	
Camber			_	
Torque wrench settings			323 Turbo 4x4	1096 to 1090
		Nm	40	1700 10 1707
Cylinder head - stage 1 - stage 2		Nm	76 to 81	
Cylinder head - stage 3		Nm	_	
- stage 4		Nm	_	
Big-end bearings		Nm	65 to 69	
Main bearings		Nm	54 to 59	
Clutch cover		Nm	18 to 26 96 to 103	
Flywheel [driveplate] Front hubs		Nm Nm	157 to 236	
Rear hubs		Nm	157 to 236	
Wheel nuts / bolts		Nm	118	
Spark plugs		Nm	15 to 23	
Capacities			323 Turbo 4x4	1986 to 1989
		litroc		1700 10 1989
Engine oil & filter Gearbox - 4-speed [5-speed]		litres litres	3.6 3.6 ¹	
Automatic transmission - refill		litres		
Final drive		litres	- Ft. 0.5. Rear 0.7	
Cooling system		litres	6.0	
Fuel tank		litres	50	

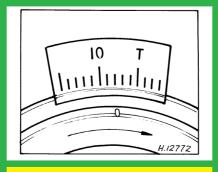
Notes and Illustrations

Primary resistance

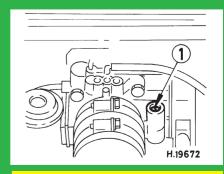


1: Idle speed 2: CO / Mixture

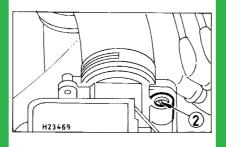




1597 cm³, 16V



Fuel injection, Turbo



Fuel injection, Turbo