

Engine & Cooling

Fuel

Ignition

Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



Automotive Technical
DATA BOOK

Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENU

HELP

Engine and cooling system

626, 1.8 LX

1987 to 1990

Type	F8. SOHC 8V	
Capacity (cm ³) / number of cylinders	1789 / 4	
Compression ratio / pressure	bar	8.6 / ≥9.1
Oil pressure	bar	[3.0 to 3.9]
Oil temperature	°C	—
Valve clearance - inlet	mm	0.30 H
Valve clearance - exhaust	mm	0.30 H
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	80 to 83
Radiator cap pressure	bar	1.04

Fuel system

626, 1.8 LX

1987 to 1990

Idle speed - manual [auto]	rpm	800±50
Fast idle speed - manual [auto]	rpm	—
CO @ idle speed [3000 rpm] - see page VI	%	2.0±0.5
HC @ idle speed [3000 rpm] - see page VI	ppm	≤1200
CO2 @ idle speed [3000 rpm] - see page VI	%	—
O2 @ idle speed [3000 rpm] - see page VI	%	—
Carburettor / fuel injection	Hitachi	
Type / ref	30-34 2V downdraught	
Main jet / needle	114, 150	
Injection pressure	bar	—
Pump pressure	bar	0.19 to 0.26
Octane rating	RON	91[E 91 RON]

Ignition system

626, 1.8 LX

1987 to 1990

Type	Electronic	
Ignition coil	—	
Primary resistance	ohms	1.03 to 1.27
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor	—	
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation	Anticlockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	6±1 BTDC @ idle
V = Vacuum NV = No Vacuum	NV	
Total ignition advance	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	0±2 @ 1000
	° Crankshaft @ rpm	12±2 @ 2100
	° Crankshaft @ rpm	20±2 @ 6100
Vacuum range check	mbar	133 to 400
Maximum vacuum advance	° Crankshaft	6 to 10
Spark plugs	NGK/Champion	
Type	BPR5ES / RN9YC	
Electrode gap	mm	0.75 to 0.85

Electrical system

626, 1.8 LX

1987 to 1990

Battery	V / CC / RC	12 / 210 / 65
Alternator voltage / full load current / engine rpm	14.1 to 14.7 / _ / 3000	
Starter motor current / voltage - cranking	A / V	60 / 11.5 (no load)
- locked	A / V	—

Running gear

626, 1.8 LX

1987 to 1990

Brakes -		
Front (min. friction material thickness)	mm	2.0
Rear (min. friction material thickness)	mm	1.0

Tyres		
Saloon	Size	165x13
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.9 / 1.8
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+3.0±3.0
Camber	+17'±45'	
Castor	+1°13'±45'	
King pin inclination	+12°47'	

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±3.0
Camber	-30'±45'	

Torque wrench settings

626, 1.8 LX

1987 to 1990

Cylinder head - stage 1	Nm	80 to 86
- stage 2	Nm	—
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	65 to 69
Main bearings	Nm	83 to 88
Clutch cover	Nm	22 to 32
Flywheel [driveplate]	Nm	96 to 103
Front hubs	Nm	235 to 319
Rear hubs	Nm	98 to 117
Wheel nuts / bolts	Nm	108
Spark plugs	Nm	15 to 23

Capacities

626, 1.8 LX

1987 to 1990

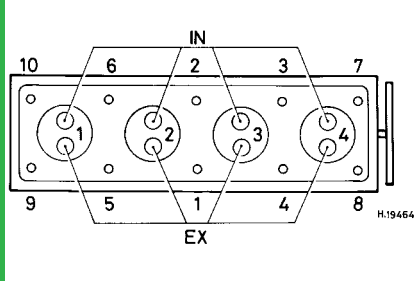
Engine oil & filter	litres	4.3
Gearbox - 4-speed [5-speed]	litres	3.4
Automatic transmission - refill	litres	—
Final drive	litres	WT
Cooling system	litres	7.5
Fuel tank	litres	60

Notes and Illustrations

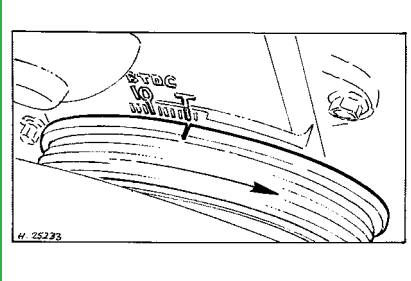


1: Idle speed

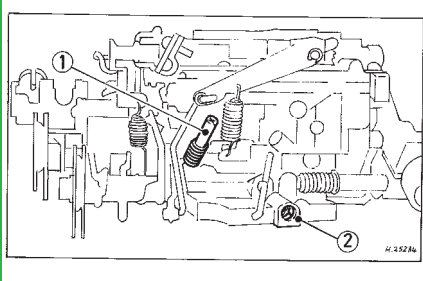
2: CO / Mixture



1789 cm³, 8V



1789 cm³, 8V



Hitachi 30-34