

AUDI

80/Coupé & 4x4, 2.0 CAT

1990 to 1992

Engine & Cooling

Fuel

Ignition

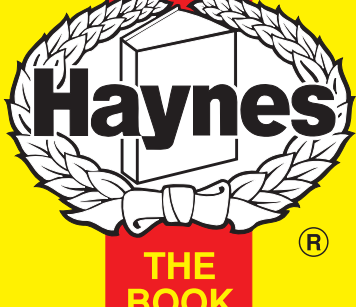
Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



Automotive Technical
DATA BOOK

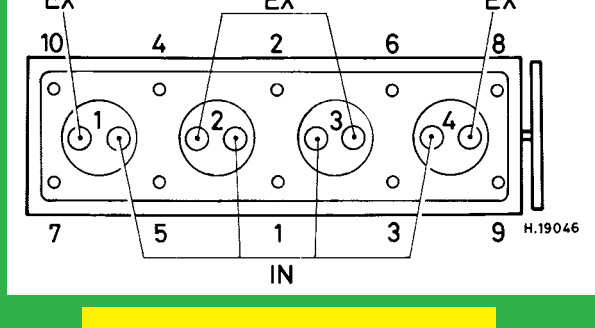
Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENU

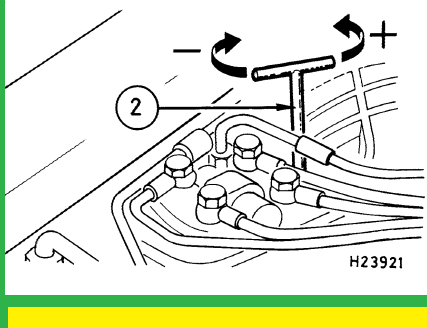
HELP

Engine and cooling system			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Type			AAD (85kW) SOHC	
Capacity (cm³) / number of cylinders			1984 / 4	
Compression ratio / pressure		bar	10.4 / ≥7.5	
Oil pressure		bar	[2.0]	
Oil temperature		°C	80	
Valve clearance - inlet		mm	0: Hyd.	
Valve clearance - exhaust		mm	0: Hyd.	
Firing order			1-3-4-2	
No 1 cylinder position			TBE	
Thermostat opening temperature		°C	85	
Radiator cap pressure		bar	1.2 to 1.5	
Fuel system			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Idle speed - manual [auto]		rpm	750 to 950 N/A	
Fast idle speed - manual [auto]		rpm	—	
CO @ idle speed [3000 rpm] - see page VI		%	≤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			Bosch	
Type / ref			KE-Motronic	
Main jet / needle			—	
Injection pressure		bar	3.7 to 4.8	
Pump pressure		bar	6.1 to 6.6	
Octane rating		RON	95[U] ¹	
Ignition system			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Type			DME Motronic	
Ignition coil			Bosch N70	
Primary resistance		ohms	0.52 to 0.76	
Ballast resistor		ohms	—	
Voltage - Tmnl 15(+) to earth		V	—	
Distributor			Bosch	
Points gap (air gap)		mm	—	
Dwell angle		° (%)	—	
Condenser capacity		µF	—	
Rotation			Clockwise	
Ignition timing - basic [static		° Crankshaft @ rpm	6±1 BTDC @ 750 to 950 N/A	
V = Vacuum NV = No Vacuum			NV	
Total ignition advance		° Crankshaft @ rpm	4 to 8 BTDC @ 750 to 950	
		° Crankshaft @ rpm	—	
		° Crankshaft @ rpm	—	
Centrifugal check.		° Crankshaft @ rpm	Computer control	
		° Crankshaft @ rpm	—	
		° Crankshaft @ rpm	—	
Vacuum range check		mbar	Computer control	
Maximum vacuum advance		° Crankshaft	—	
Spark plugs			NGK	
Type			BUR6ET	
Electrode gap		mm	0.70 to 0.90	
Electrical system			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Battery		V / CC / RC	12 / _	
Alternator voltage / full load current / engine rpm			12.5 to 14.5 / _ / 2000	
Starter motor current / voltage - cranking		A / V	—	
- locked		A / V	—	
Running gear			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Brakes -				
Front (min. friction material thickness)		mm	2.0	
Rear (min. friction material thickness)		mm	2.0	
Tyres				
Saloon		Size	175/70x14: 195/60x14 ²	
Estate / Van		Size	—	
Pressure - front / rear - Saloon		bar	2.1 / 2.1 ³	
- Estate / Van		bar	—	
Front suspension / wheel alignment				
Toe-in (+) / Toe-out (–)		mm [°]	[+10'±10']	
Camber			-45'±30'. Coupé &4x4: -50'±30'	
Castor			+1°15'±30'. Sport: +1°25'±30'	
King pin inclination			—	
Rear suspension / wheel alignment				
Toe-in (+) / Toe-out (–)		mm [°]	[+20'±20']. 4x4: [+20'±10']	
Camber			-1°±20'. 4x4: -45'±30'	
Torque wrench settings			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Cylinder head - stage 1		Nm	40 N	
- stage 2		Nm	60	
Cylinder head - stage 3		Nm	+ 90°	
- stage 4		Nm	+ 90°	
Big-end bearings		Nm	30 + 90°	
Main bearings		Nm	65	
Clutch cover		Nm	25	
Flywheel [driveplate]		Nm	60 + 90° N	
Front hubs		Nm	265 LkC ⁴	
Rear hubs		Nm	WSM	
Wheel nuts / bolts		Nm	110	
Spark plugs		Nm	25	
Capacities			80/Coupé & 4x4, 2.0 CAT	1990 to 1992
Engine oil & filter		litres	3.0	
Gearbox - 4-speed [5-speed]		litres	2.4. 4x4: 2.9	
Automatic transmission - refill		litres	3.0	
Final drive		litres	AT & 4x4: 0.75	
Cooling system		litres	7.0	
Fuel tank		litres	68. 4x4: 70	

1: Idle speed 2: CO / Mixture



1984 cm³, 8V



KE-Motronic, AAD