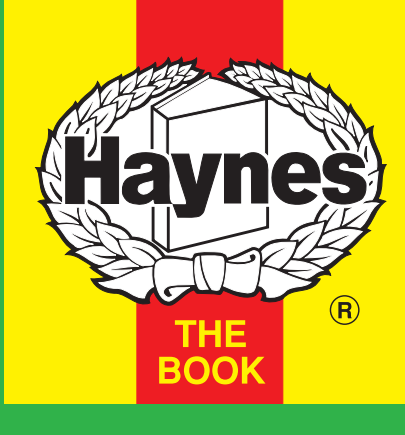


Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
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Automotive Technical
DATA BOOK

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
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Engine and cooling systemAccord 1.81990 to 1992

Type		F18A2 SOHC 16V
Capacity (cm³) / number of cylinders		1849 / 4
Compression ratio / pressure	bar	9.0 / ≥9.3
Oil pressure	bar	[3.4]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.24 to 0.28
Valve clearance - exhaust	mm	0.28 to 0.32
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	°C	76 to 80
Radiator cap pressure	bar	0.93 to 1.23

Fuel systemAccord 1.81990 to 1992

Idle speed - manual [auto]	rpm	800±50 [750±50]
Fast idle speed - manual [auto]	rpm	1400±200
CO @ idle speed [3000 rpm] - see page VI	%	≤0.1
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		Keihin
Type / ref		2xCD type
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	0.09 to 0.14
Octane rating	RON	95[E 95 RON]

Ignition systemAccord 1.81990 to 1992

Type		Electronic
Ignition coil		—
Primary resistance	ohms	0.5 to 0.7
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		—
Points gap (air gap)	mm	—
Dwell angle	° (%)	—
Condenser capacity	µF	—
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	15±2 [10±2] BTDC @ idle
V = Vacuum NV = No Vacuum		—
Total ignition advance	° Crankshaft @ rpm	—
	° 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/Champion
Type		ZFR6F-11 / RC9YCC
Electrode gap	mm	1.00 to 1.10

Electrical systemAccord 1.81990 to 1992

Battery	V / CC / RC	12 / 65Ah
Alternator voltage / full load current / engine rpm		13.5 to 14.5 / _ / 3000
Starter motor current / voltage - cranking	A / V	—
- locked	A / V	—

Running gearAccord 1.81990 to 1992

Brakes -		
Front (min. friction material thickness)	mm	1.6
Rear (min. friction material thickness)	mm	2.0. Discs: 1.6

Tyres		
Saloon	Size	185/70x14
Estate / Van	Size	—
Pressure - front / rear - Saloon	bar	1.8 / 1.8
- Estate / Van	bar	—

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	0±2.0
Camber		0±1°
Castor		+3°±1°
King pin inclination		—

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+2.0±2.0
Camber		-30'±1°

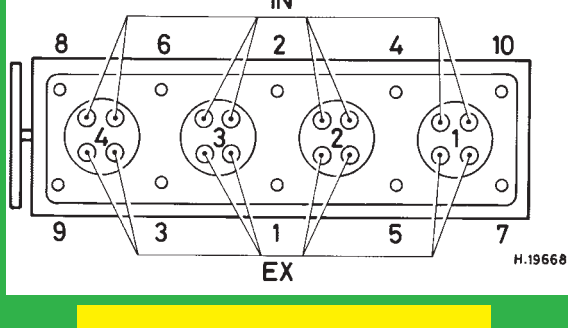
Torque wrench settingsAccord 1.81990 to 1992

Cylinder head - stage 1	Nm	40 oiled
- stage 2	Nm	70
Cylinder head - stage 3	Nm	108
- stage 4	Nm	—
Big-end bearings	Nm	32
Main bearings	Nm	35, then 75 oiled
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	105 [75]
Front hubs	Nm	245
Rear hubs	Nm	—
Wheel nuts / bolts	Nm	108
Spark plugs	Nm	18

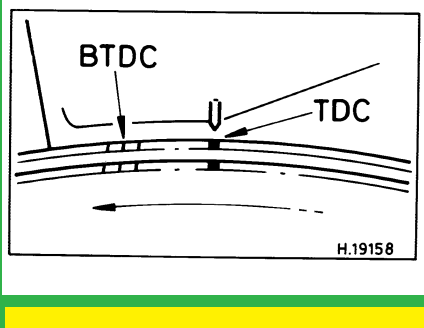
CapacitiesAccord 1.81990 to 1992

Engine oil & filter	litres	3.8
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	2.4
Final drive	litres	WT
Cooling system	litres	6.6 [6.5]
Fuel tank	litres	65

Notes and Illustrations



1849 cm³



1849 cm³