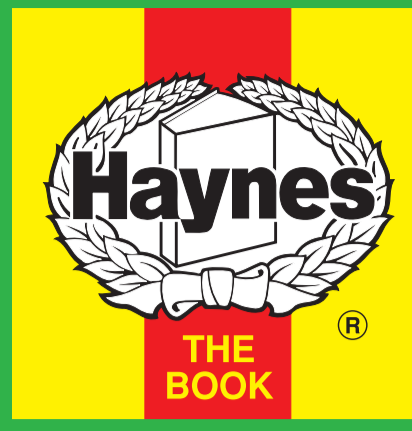


- Engine & Cooling
- Fuel
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- Electrical
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Automotive Technical DATA BOOK

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.

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HELP

Engine and cooling system Accord 2.0i-16 1987 to 1989

Type	B20 A2 DOHC 16V	
Capacity (cm ³) / number of cylinders	1958 / 4	
Compression ratio / pressure	bar	9.5 / ≥10.3
Oil pressure	bar	[4.7 to 5.6]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.08 to 0.12
Valve clearance - exhaust	mm	0.16 to 0.20
Firing order	1-3-4-2	
No 1 cylinder position	TBE	
Thermostat opening temperature	°C	82±2
Radiator cap pressure	bar	0.76 to 1.04

Fuel system Accord 2.0i-16 1987 to 1989

Idle speed - manual [auto]	rpm	800±50
Fast idle speed - manual [auto]	rpm	1000 to 1800
CO @ idle speed [3000 rpm] - see page VI	%	≤0.1
HC @ idle speed [3000 rpm] - see page VI	ppm	≤200
CO ₂ @ idle speed [3000 rpm] - see page VI	%	-
O ₂ @ idle speed [3000 rpm] - see page VI	%	-
Carburettor / fuel injection	Honda	
Type / ref	PGM-Fi	
Main jet / needle	-	
Injection pressure	bar	2.3 to 2.7
Pump pressure	bar	2.3 to 2.7
Octane rating	RON	97[RA]

Ignition system Accord 2.0i-16 1987 to 1989

Type	Electronic	
Ignition coil	-	
Primary resistance	ohms	1.22 to 1.49
Ballast resistor	ohms	-
Voltage - Tmnl 15(+) to earth	V	-
Distributor	Toyo Denso	
Points gap (air gap)	mm	[equal gaps]
Dwell angle	° (%)	-
Condenser capacity	µF	-
Rotation	Clockwise	
Ignition timing - basic [static	° Crankshaft @ rpm	15±2 BTDC @ idle
V = Vacuum NV = No Vacuum	NV	
Total ignition advance	° Crankshaft @ rpm	-
	° Crankshaft @ rpm	-
	° Crankshaft @ rpm	-
Centrifugal check.	° Crankshaft @ rpm	Electronic control
	° Crankshaft @ rpm	-
	° Crankshaft @ rpm	-
Vacuum range check	mbar	Electronic control
Maximum vacuum advance	° Crankshaft	-
Spark plugs	NGK/Champion	
Type	BCPR6E-11 / RC9YC	
Electrode gap	mm	1.00 to 1.10

Electrical system Accord 2.0i-16 1987 to 1989

Battery	V / CC / RC	12 / 410 / 50Ah
Alternator voltage / full load current / engine rpm	14.0 / _ / 3000	
Starter motor current / voltage - cranking	A / V	-
- locked	A / V	-

Running gear Accord 2.0i-16 1987 to 1989

Brakes -		
Front (min. friction material thickness)	mm	3.0
Rear (min. friction material thickness)	mm	1.6. 1989: 3.0
Tyres		
Saloon	Size	195/60x14
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±3.0
Camber		0±1°
Castor		+31'±1°
King pin inclination		+6°50'
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0±2.0
Camber		0±1°

Torque wrench settings Accord 2.0i-16 1987 to 1989

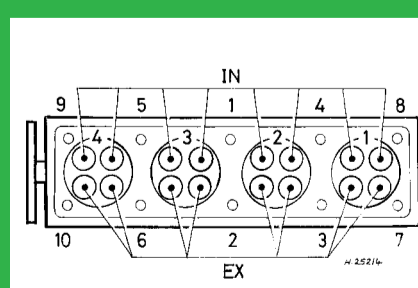
Cylinder head - stage 1	Nm	30 oiled
- stage 2	Nm	68
Cylinder head - stage 3	Nm	-
- stage 4	Nm	-
Big-end bearings	Nm	45
Main bearings	Nm	55 oiled
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	105
Front hubs	Nm	185
Rear hubs	Nm	185
Wheel nuts / bolts	Nm	110
Spark plugs	Nm	18

Capacities Accord 2.0i-16 1987 to 1989

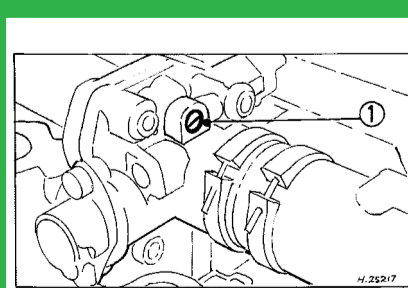
Engine oil & filter	litres	4.0
Gearbox - 4-speed [5-speed]	litres	2.0
Automatic transmission - refill	litres	-
Final drive	litres	WT
Cooling system	litres	7.1
Fuel tank	litres	60

Notes and Illustrations

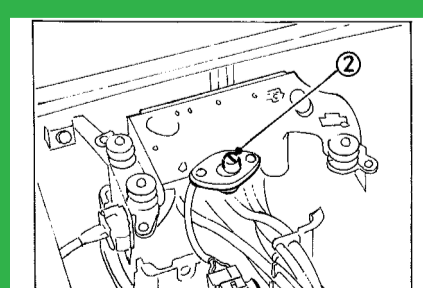
1: Idle speed 2: CO / Mixture



1958 cm³



PGM-Fi



PGM-Fi