

Engine & Cooling

Fuel

Ignition

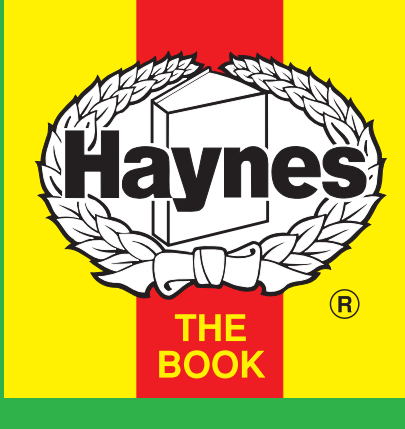
Electrical

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 system8271988 to 1990

Type		V6 OHC-24 valve
Capacity (cm ³) / number of cylinders		2675 / 6
Compression ratio / pressure	bar	9.4 / _
Oil pressure	bar	_
Oil temperature	°C	_
Valve clearance - inlet	mm	0: Hyd.
- exhaust	mm	0: Hyd.
Firing order		1-4-2-5-3-6
No 1 cylinder position		_
Thermostat opening temperature	°C	78
Radiator cap pressure	bar	1.04

Fuel system8271988 to 1990

Idle speed - manual [auto]	rpm	720±50 controlled by ECU
Fast idle speed - manual [auto]	rpm	1000 to 2000 (ECU control)
CO @ idle speed [3000 rpm] - see page VI	%	0.5±0.25
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		Honda
Type / ref		PGMFi
Main jet / needle		_
Injection pressure	bar	2.0
Pump pressure	bar	4.1
Octane rating	RON	97[RA] ¹

Ignition system8271988 to 1990

Type		Computerized
Ignition coil		Toyo Denso TC-04A
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Toyo Denso
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		Anticlockwise
Ignition timing - basic [static	° Crankshaft @ rpm	Leaded: 15±2 BTDC @ idle
V = Vacuum NV = No Vacuum		
Total ignition advance	° Crankshaft @ rpm	Unleaded: 11±2 BTDC @ idle
	° 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		Unipart/Champion
Type		XHM279 or 281 / RC9YC
Electrode gap	mm	1.0

Electrical system8271988 to 1990

Battery	V / CC / RC	12 / 520 / 120
Alternator voltage / full load current / engine rpm		14.0 / _ / 2500
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear8271988 to 1990

Brakes -		
Front (min. friction material thickness)	mm	8.2 with backing plate
Rear (min. friction material thickness)	mm	7.2 with backing plate

Tyres		
Saloon	Size	195/65x15:205/60x15:205/55x16
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.9 / 1.9 ²
- Estate / Van	bar	_

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	[0±8']
Camber		+24'±1°12' N/A
Castor		+2°36'±2° N/A
King pin inclination		+8°±1°12' N/A

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	[+22'±12'] N/A
Camber		+13'±1°12' N/A

Torque wrench settings8271988 to 1990

Cylinder head - stage 1	Nm	40
- stage 2	Nm	78
- stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	50
Main bearings	Nm	68 bolts 9 to 16 ³
Clutch cover	Nm	26
Flywheel [driveplate]	Nm	105 [75]
Front hubs	Nm	290
Rear hubs	Nm	245
Wheel nuts / bolts	Nm	72
Spark plugs	Nm	18

Capacities8271988 to 1990

Engine oil & filter	litres	4.5
Gearbox - 4-speed [5-speed]	litres	2.3
Automatic transmission - refill	litres	3.2
Final drive	litres	WT
Cooling system	litres	8.6
Fuel tank	litres	68

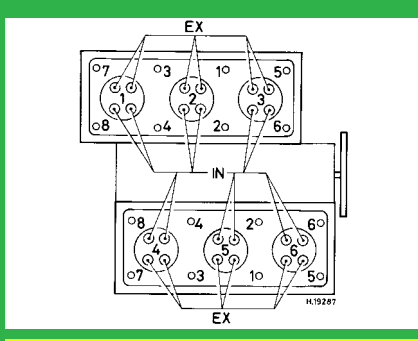
Notes and Illustrations

¹See ignition timing details for UL (95 RON)

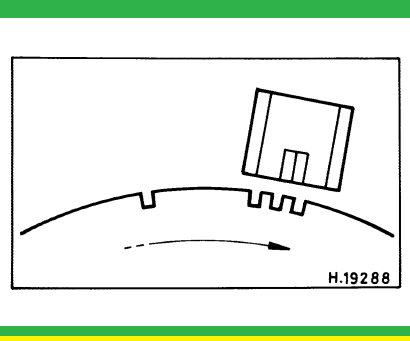
²205/60x15: 2.0 / 2.0. 205/55x16: 2.2 / 2.2

³Main bolts only. Others: WSM

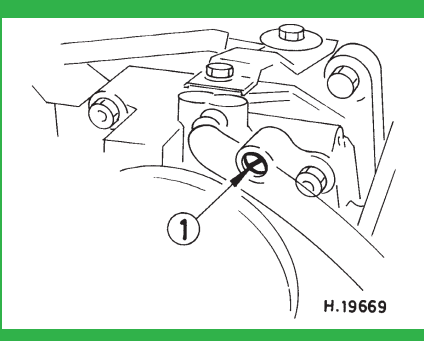
1: Idle speed2: CO / Mixture



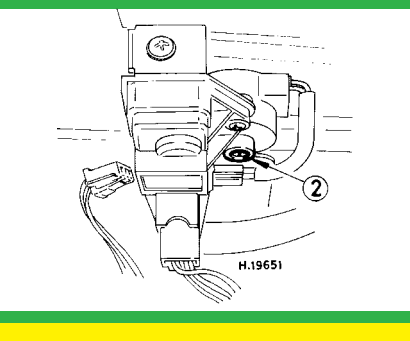
2675 cm³



2675 cm³



PGM-Fi, 2675 cm³



PGM-Fi, 2675 cm³