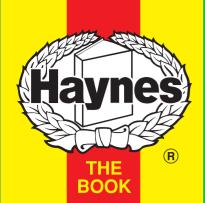
HONDABalade EXiSubset of the section o



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.

HELP

MENU

Engine and cooling system		Ballade EXi	1986 to 1989
Туре		EW 3 SOHC 12V	
Capacity (cm ³) / number of cylinders		1488 / 4	
Compression ratio / pressure	bar	8.7 / ≥10.8	
Oil pressure	bar	[3.3 to 4.1]	
Oil temperature	°C	80	
Valve clearance - inlet	mm	0.17 to 0.22	
Valve clearance - exhaust	mm	0.22 to 0.27	
Firing order		1-3-4-2	
No 1 cylinder position		TBE	
Thermostat opening temperature	°C	76 to 78	
Radiator cap pressure	bar	0.76 to 1.04	
Fuel system		Ballade EXi	1986 to 1989
Idle speed - manual [auto]	rpm	800 to 900	
Fast idle speed - manual [auto]	rpm	1250 to 2250	

Fast idle speed - manual [auto]	rpm	1250 to 2250	
CO @ idle speed [3000 rpm] - see page VI	%	≤1.5	
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		Honda	
Type / ref		PGM-Fi	
Main jet / needle		_	
Injection pressure	bar	_	
Pump pressure	bar	2.3 to 2.7	
Octane rating	RON	97[E 95 RON]	
Ignition system		Ballade EXi	1986 to 1989

Ignition system		Ballade EXi	1986 to 1989
Туре		Electronic	
Ignition coil		_	
Primary resistance	ohms	1.24 to 1.46	
-			

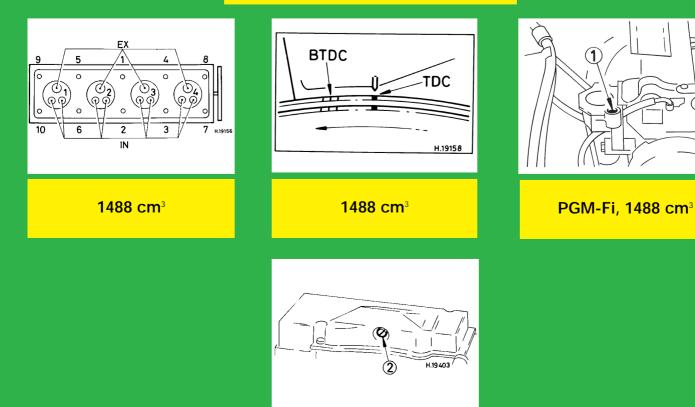
Ballast resistor		ohms	_		
Voltage - Tmnl 15(+) to earth		V	_		
Distributor			_		
Points gap (air gap) Dwell angle		mm ° (%)	_		
Condenser capacity		μF	_		
Rotation		P	_		
Ignition timing - basic [static V = Vacuum NV = No Vacuum	° Crankshaft	@ rpm	16±2 BT –	DC @ idle	
Total ignition advance	° Crankshaft	•	_		
	^o Crankshaft		_		
Centrifugal check.	° Crankshaft° Crankshaft	•	0@800		
Centinugar check.	° Crankshaft		0 8 000		
	° Crankshaft		19 to 23	@ 5500	
Vacuum range check		mbar	139 to 4	13	
Maximum vacuum advance	° Crar	nkshaft	9 to 11		
Spark plugs			NGK/Ch	-11 / RN9YC	
Type Electrode gap		mm	1.00 to 1		
			1.00 10 1		
Electrical system				Ballade EXi	1986 to 1989
Battery		C / RC	12 / 45A		
Alternator voltage / full load current	e .		14.0 / _ /	/ 3000	
Starter motor current / voltage - cra - loc	•	A / V	_		
	keu	A / V	_		
Running gear				Ballade EXi	1986 to 1989
Brakes -					
Front (min. friction material thick	•	mm	3.0		
Rear (min. friction material thick	iness)	mm	2.0		
Tyres Saloon		Size	175/70x ⁻	12	
Estate / Van		Size	175/708	15	
Pressure - front / rear - Saloon		bar	_ 1.9 / 1.9		
- Estate /	Van	bar	_		
Front suspension / wheel alignme					
Toe-in (+) / Toe-out (–)		mm [°]	0±3.0		
Camber Castor			-10'±1° +2°50'±1	1 °	
King pin inclination			+2 50 ± +12°55′±		
Rear suspension / wheel alignment	nt		12 00 1		
Toe-in (+) / Toe-out (–)		mm [°]	+2.0±2.0)	
Camber			-45′±15′		
Torque wrench settings				Ballade EXi	1986 to 1989
Cylinder head - stage 1		Nm	30 oiled	Dullace EXI	
- stage 2		Nm	60		
Cylinder head - stage 3		Nm	_		
- stage 4		Nm	_		
Big-end bearings		Nm	28		
Main bearings		Nm	50 oiled		
Clutch cover Flywheel [driveplate]		Nm Nm	26 105		
Front hubs		Nm	185		
Rear hubs		Nm	_		
Wheel nuts / bolts		Nm	110		
Spark plugs		Nm	18		
Capacities				Ballade EXi	1986 to 1989
Engine oil & filter		litres	3.5		
Gearbox - 4-speed [5-speed]		litres	2.3		
Automatic transmission - refill		litres	2.4		
Final drive		litres	WT		
Cooling system		litres	5.2		
Fuel tank		litres	46		

Notes and Illustrations



1: Idle speed 2: CO / Mixture

H.19402



PGM-Fi, 1488 cm³