

Engine & Cooling

Fuel

Ignition

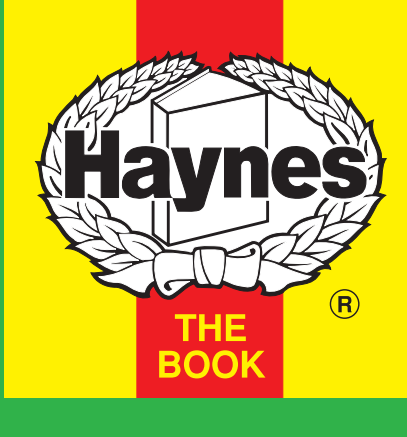
Electrical

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

Trafic T800 fwd 1986 to 1989

Type		847-D7-00
Capacity (cm³) / number of cylinders		1397 / 4
Compression ratio / pressure	bar	8.2 / _
Oil pressure	bar	0.7 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.15
Valve clearance - exhaust	mm	0.20
Firing order		1-3-4-2
No 1 cylinder position		FE
Thermostat opening temperature	°C	_
Radiator cap pressure	bar	0.8 to 1.2

Fuel system

Trafic T800 fwd 1986 to 1989

Idle speed - manual [auto]	rpm	700±25
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	1.5±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		Zenith
Type / ref		32 IF7 V10424
Main jet / needle		130
Injection pressure	bar	_
Pump pressure	bar	0.17 to 0.27
Octane rating	RON	90[R]

Ignition system

Trafic T800 fwd 1986 to 1989

Type		Contact breaker - CIS
Ignition coil		_
Primary resistance	ohms	_
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Ducellier
Points gap (air gap)	mm	0.40
Dwell angle	° (%)	57±3
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	6±1 BTDC @ idle
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	R249-D59
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	0 @ 1380
	° Crankshaft @ rpm	8 to 12 @ 2000
	° Crankshaft @ rpm	34 to 38 @ 3640
Vacuum range check	mbar	100 to 485
Maximum vacuum advance	° Crankshaft	13 to 17
Spark plugs		AC/Champion
Type		43XLS / N9YC
Electrode gap	mm	0.55 to 0.65

Electrical system

Trafic T800 fwd 1986 to 1989

Battery	V / CC / RC	12 / 190 / 65
Alternator voltage / full load current / engine rpm		13.5 to 15.0 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear

Trafic T800 fwd 1986 to 1989

Brakes -		
Front (min. friction material thickness)	mm	9.0 with backing
Rear (min. friction material thickness)	mm	5.0 with backing

Tyres		
Saloon	Size	_
Estate / Van	Size	165x14
Pressure - front / rear - Saloon	bar	_
- Estate / Van	bar	2.9 / 2.9

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0±1.0
Camber		+1°±30'
Castor		+1°30'±30'
King pin inclination		+9°±30'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	0 to +3.0
Camber		0 to +30'

Torque wrench settings

Trafic T800 fwd 1986 to 1989

Cylinder head - stage 1	Nm	55 to 65
- stage 2	Nm	_
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	45
Main bearings	Nm	55 to 65
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	50
Front hubs	Nm	250
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	90
Spark plugs	Nm	_

Capacities

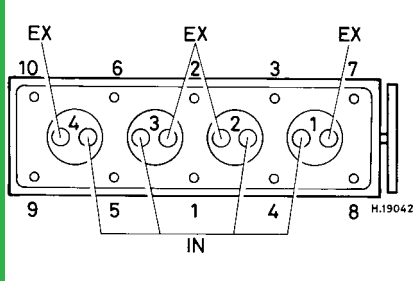
Trafic T800 fwd 1986 to 1989

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.5. NE2: 1.7
Automatic transmission - refill	litres	_
Final drive	litres	0.8. NE2: 1.5
Cooling system	litres	6.0
Fuel tank	litres	60

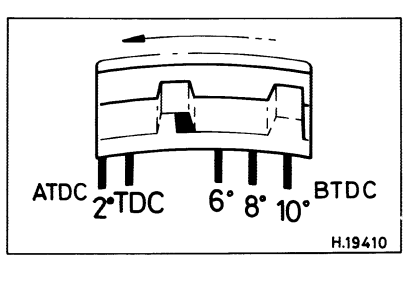
Notes and Illustrations



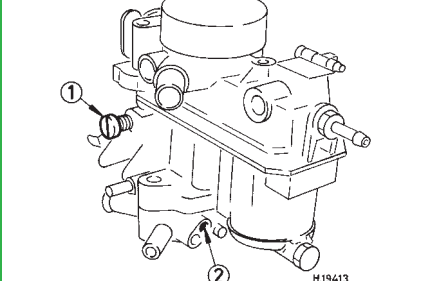
1: Idle speed 2: CO / Mixture



1397 cm³



1397 cm³



Zenith 32 IF7