

Engine & Cooling

Fuel

Ignition

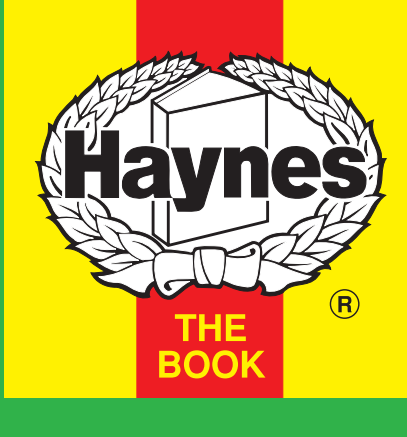
Electrical

Running gear

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Capacities

Notes & Illustrations



Automotive Technical
DATA BOOK

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Engine and cooling systemTrafic T1300 & T1000 4x4¹1986 to 1995

Type		J5R-7-16
Capacity (cm ³) / number of cylinders		1995 / 4
Compression ratio / pressure	bar	8.0 / _
Oil pressure	bar	0.8 [3.0]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.10
Valve clearance - exhaust	mm	0.25
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 systemTrafic T1300 & T1000 4x4¹1986 to 1995

Idle speed - manual [auto]	rpm	800±50
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		Solex
Type / ref		35SEIA 888(A) / 911(A)
Main jet / needle		135. 4x4: 137.5
Injection pressure	bar	_
Pump pressure	bar	0.27 to 0.32
Octane rating	RON	90[R] ²

Ignition systemTrafic T1300 & T1000 4x4¹1986 to 1995

Type		Electronic ³
Ignition coil		_
Primary resistance	ohms	0.4 to 0.8
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Ducellier
Points gap (air gap)	mm	_
Dwell angle	° (%)	_
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static	° Crankshaft @ rpm	10±1 BTDC @ 800±50
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	RE250
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	10 to 12 @ 750
	° Crankshaft @ rpm	10 to 13 @ 1550
	° Crankshaft @ rpm	37 to 40 @ 4050
Vacuum range check	mbar	0 to 300
Maximum vacuum advance	° Crankshaft	≥8
Spark plugs		Champion
Type		N281YC
Electrode gap	mm	0.90±0.05

Electrical systemTrafic T1300 & T1000 4x4¹1986 to 1995

Battery	V / CC / RC	12 / 255 / 85
Alternator voltage / full load current / engine rpm		13.5 to 15.0 / _ / 3000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	380 / _

Running gearTrafic T1300 & T1000 4x4¹1986 to 1995

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	175x14: 185x14: 195x14
Pressure - front / rear - Saloon	bar	_
- Estate / Van	bar	4.4 / 4.4 ⁴

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 settingsTrafic T1300 & T1000 4x4¹1986 to 1995

Cylinder head - stage 1	Nm	88 to 98
- stage 2	Nm	_
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	45 to 50
Main bearings	Nm	88 to 98
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	55 to 60
Front hubs	Nm	250 ⁵
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	90 ⁶
Spark plugs	Nm	_

CapacitiesTrafic T1300 & T1000 4x4¹1986 to 1995

Engine oil & filter	litres	6.2
Gearbox - 4-speed [5-speed]	litres	2.5. 4x4: 3.0 ⁷
Automatic transmission - refill	litres	_
Final drive	litres	0.8. 4x4: 1.3 ⁸
Cooling system	litres	7.1. 89 ►: 7.5
Fuel tank	litres	60. 4x4: 70

Notes and Illustrations

¹89 ►: T1400, T1100 & 4x4 (Txx2, Vxx2)

²89 ►: [E 95 RON]

³89 ►: AEI

⁴185x14: 3.5 / 4.5. 4x4: 3.8 / 3.8. 89 ► Fwd: 4.1 / 4.5

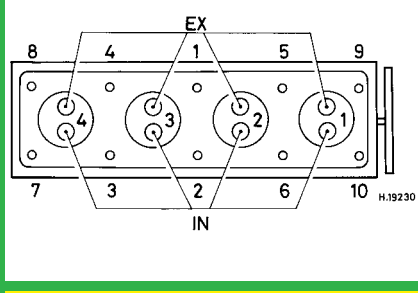
⁵89 ►: 190 to 210

⁶89 ►: 110 to 130

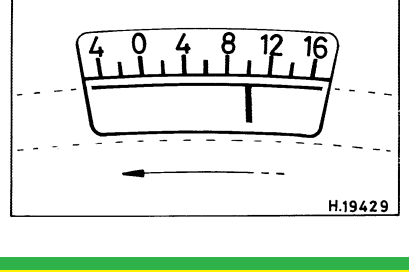
⁷89 ►: NE3: 1.8. 4x4 NE7: 2.0

⁸89 ►: NE3: 1.5. 4x4 NE7: 1.3

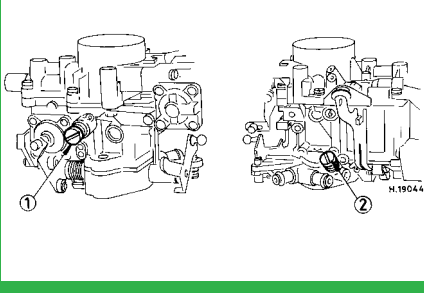
1: Idle speed 2: CO / Mixture



1995 cm³



1995 cm³



Solex 35 SEIA