

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 systemTrafic T1000 & T1100 fwd1986 to 1995

Type		F1N-7-20 / F1N-A7-20
Capacity (cm³) / number of cylinders		1721 / 4
Compression ratio / pressure	bar	9.2. 89 ►: 9.25 / _
Oil pressure	bar	2.0 [3.5]
Oil temperature	°C	80
Valve clearance - inlet	mm	0.20
Valve clearance - exhaust	mm	0.40
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 T1000 & T1100 fwd1986 to 1995

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		Solex
Type / ref		35SEIA 870. 89 ►: 978
Main jet / needle		127.5
Injection pressure	bar	_
Pump pressure	bar	0.17 to 0.33
Octane rating	RON	96[R] ¹

Ignition systemTrafic T1000 & T1100 fwd1986 to 1995

Type		Electronic ²
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	2±1 BTDC @ 700±25
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	RE235
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	0 to 2 @ 750
	° Crankshaft @ rpm	1 to 3 @ 1550
	° Crankshaft @ rpm	21 to 25 @ 4050
Vacuum range check	mbar	0 to 300
Maximum vacuum advance	° Crankshaft	≥11
Spark plugs		Champion
Type		N279YC
Electrode gap	mm	0.75 to 0.85

Electrical systemTrafic T1000 & T1100 fwd1986 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	460 / _

Running gearTrafic T1000 & T1100 fwd1986 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
Pressure - front / rear - Saloon	bar	_
- Estate / Van	bar	3.8 / 3.8

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 T1000 & T1100 fwd1986 to 1995

Cylinder head - stage 1	Nm	30
- stage 2	Nm	70, leave for 3+ minutes
Cylinder head - stage 3	Nm	Slacken, then 20
- stage 4	Nm	+ 123±2°
Big-end bearings	Nm	45 to 50
Main bearings	Nm	60 to 65
Clutch cover	Nm	25
Flywheel [driveplate]	Nm	50 to 55
Front hubs	Nm	250 ³
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	90 ⁴
Spark plugs	Nm	_

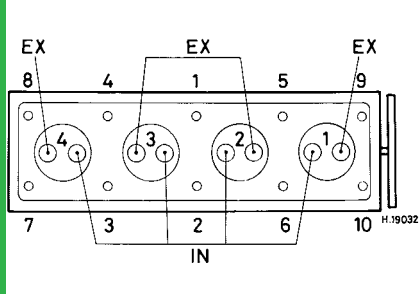
CapacitiesTrafic T1000 & T1100 fwd1986 to 1995

Engine oil & filter	litres	5.2
Gearbox - 4-speed [5-speed]	litres	2.5. NE3: 1.8
Automatic transmission - refill	litres	_
Final drive	litres	0.8. NE3: 1.5
Cooling system	litres	6.3. 89 ►: 7.1
Fuel tank	litres	60

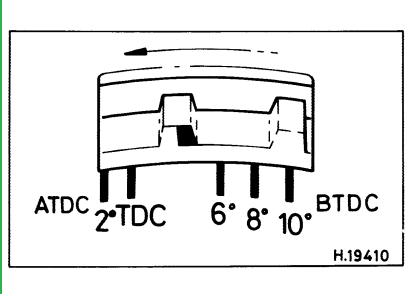
Notes and Illustrations

¹89 ►: [E 95 RON]
²89 ►: AEI
³89 ►: 190 to 210
⁴89 ►: 110 to 130

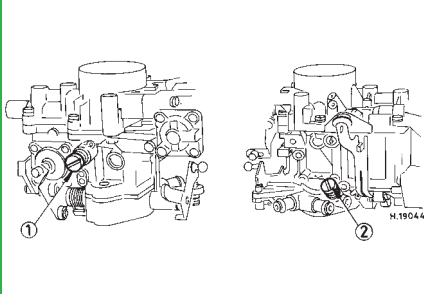
1: Idle speed 2: CO / Mixture



1721 cm³



1721 cm³



Solex 35 SEIA