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

		Transit 2.0 CFI CAT 1990 to 1991
Type		N6T (OHC) 57kW US83 LDT
Capacity (cm³) / number of cylinders		1993 / 4
Compression ratio / pressure	bar	8.2 / 10 to 12
Oil pressure	bar	2.1 [2.5]
Oil temperature	ºC	80
Valve clearance - inlet	mm	0.20±0.03
Valve clearance - exhaust	mm	0.25±0.03
Firing order		1-3-4-2
No 1 cylinder position		TBE
Thermostat opening temperature	ºC	88 to 102
Radiator cap pressure	bar	1.0

Fuel system

		Transit 2.0 CFI CAT 1990 to 1991
Idle speed - manual [auto]	rpm	900±50
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	≤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		Weber
Type / ref		SPI (CFI)
Main jet / needle		_
Injection pressure	bar	1.0
Pump pressure	bar	3.0
Octane rating	RON	91[U]

Ignition system

		Transit 2.0 CFI CAT 1990 to 1991
Type		Electronic - Hall effect
Ignition coil		High output
Primary resistance	ohms	0.72 to 0.88
Ballast resistor	ohms	_
Voltage - Tmnl 15(+) to earth	V	_
Distributor		Bosch
Points gap (air gap)	mm	_
Dwell angle	º (%)	_
Condenser capacity	µF	_
Rotation		Clockwise
Ignition timing - basic [static	º Crankshaft @ rpm	[10±2 BTDC]
V = Vacuum NV = No Vacuum		_
Total ignition advance	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Centrifugal check.	º Crankshaft @ rpm	Computer control
	º Crankshaft @ rpm	_
	º Crankshaft @ rpm	_
Vacuum range check	mbar	Computer control
Maximum vacuum advance	º Crankshaft	_
Spark plugs		Motorcraft
Type		BRF32C1
Electrode gap	mm	1.00

Electrical system

		Transit 2.0 CFI CAT 1990 to 1991
Battery	V / CC / RC	12 / 200 / 70
Alternator voltage / full load current / engine rpm		13.7 to 14.6 / _ / 4000
Starter motor current / voltage - cranking	A / V	_
- locked	A / V	_

Running gear

		Transit 2.0 CFI CAT 1990 to 1991
Brakes -		
Front (min. friction material thickness)	mm	1.5
Rear (min. friction material thickness)	mm	1.0
Tyres		
Saloon	Size	_
Estate / Van	Size	185x14: 195x14
Pressure - front / rear - Saloon	bar	_
- Estate / Van	bar	WSM
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	0 to +1.6
Camber		-30’ to +2°30’[1]
Castor		+15’ to +4°30’[2]
King pin inclination		_
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [º]	_
Camber		_

Torque wrench settings

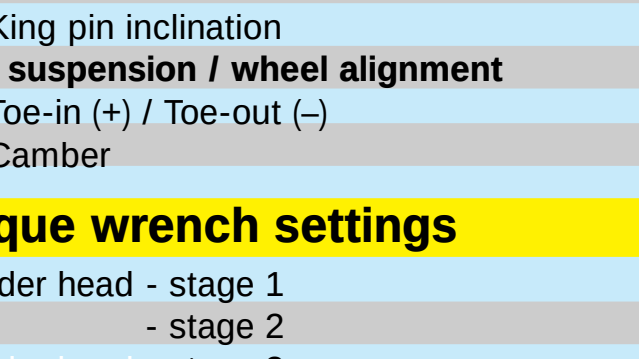
		Transit 2.0 CFI CAT 1990 to 1991
Cylinder head - stage 1	Nm	38 N
- stage 2	Nm	73
Cylinder head - stage 3	Nm	Wait 5 min.
- stage 4	Nm	+ 90°
Big-end bearings	Nm	44
Main bearings	Nm	95
Clutch cover	Nm	19
Flywheel [driveplate]	Nm	67
Front hubs	Nm	WSM
Rear hubs	Nm	WSM
Wheel nuts / bolts	Nm	5 stud: 75 to 95[3]
Spark plugs	Nm	24

Capacities

		Transit 2.0 CFI CAT 1990 to 1991
Engine oil & filter	litres	3.75
Gearbox - 4-speed [5-speed]	litres	1.2
Automatic transmission - refill	litres	6.3. A4LD: 8.5
Final drive	litres	Type G: 1.7[4]
Cooling system	litres	8.4
Fuel tank	litres	68

Notes and Illustrations

[1]**MacPherson type only. Beam axle: +30’ to 1°30’**
[2]**MacPherson type only. Beam axle: +2°30’ to 6°15’**
[3]**6 stud: 155 to 180**
[4]**Type H axle: 2.7**



1993 cm³

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