TN Acty

1982 to 1991



Engine & Running Torque Notes & Fuel Ignition Electrical Capacities Cooling settings Illustrations gear Automotive Technical DATA BOOK Click on one of the buttons above to view data for this car. To R return to this screen and THE BOOK make another choice, click anywhere on the data screen. MENU HELP Engine and cooling system 1982 to 1991 **TN Acty** Туре EΗ Capacity (cm³) / number of cylinders 545/2 Compression ratio / pressure bar 8.8 / ≥5.9 **Oil pressure** bar [3.8 to 4.4] Oil temperature °C Valve clearance - inlet 0.12 to 0.17 mm clearance - exhaust 0.17 to 0.23 mm Firing order 1-2 No 1 cylinder position TBE Thermostat opening temperature °C 80 to 84 Radiator cap pressure bar 0.76 to 1.04 **Fuel system TN Acty** 1982 to 1991 Idle speed - manual [auto] rpm 950±100 Fast idle speed - manual [auto] 2200 to 3200 rpm CO @ idle speed [3000 rpm] - see page VI % ≤0.1 HC @ idle speed [3000 rpm] - see page VI ≤200 ppm CO2 @ idle speed [3000 rpm] - see page VI % O2 @ idle speed [3000 rpm] - see page VI % Carburettor / fuel injection Keihin Type / ref VV Main jet / needle Injection pressure bar Pump pressure 0.07 to 0.14 bar RON Octane rating 91[R]

ignition system			TN Acty	1982 to 1991
Туре		Electronic		
Ignition coil		_		
Primary resistance	ohms	1.78 to 2.08		

Ballast resistor	ol	hms	_	
Voltage - Tmnl 15(+) to earth		V	12.0	
Distributor			_	
Points gap (air gap) Dwell angle		mm (%)	_	
Condenser capacity		μF	-	
Rotation			- Anticlockwise	
Ignition timing - basic [static	° Crankshaft @	rpm	17±2 BTDC @ idle	
V = Vacuum NV = No Vacuur			_	
Total ignition advance	° Crankshaft @		-	
	 ^o Crankshaft @ ^o Crankshaft @ 		_	
Centrifugal check.	° Crankshaft @	•	– 0 @ 1000 to 1400	
e en agai en en en	° Crankshaft @		18 to 22 @ 2400 to 26	00
	° Crankshaft @		28 to 32 @ 5500	
Vacuum range check			73 to 307	
Maximum vacuum advance	° Cranks		14 to 16	
Spark plugs Type			NGK/Champion BPR6EY / N9YC	
Electrode gap		mm	0.80 to 0.90	
Electrical system				1982 to 1991
Battery	V / CC /		12 / 35Ah	
Alternator voltage / full load current	e .		13.5 to 14.5 / _ / 2500	
Starter motor current / voltage - cra - loc	-	A / V A / V	_ 380 / 5.5	
		(/ V	3007 3:3	
Running gear			TN Acty	1982 to 1991
Brakes -				
Front (min. friction material thic	•		2.0	
Rear (min. friction material thick	(ness)	mm	2.0	
Tyres Saloon		Size		
Estate / Van			_ 5.00x10	
Pressure - front / rear - Saloon		bar	_	
- Estate	/ Van	bar	1.8 / 2.3	
Front suspension / wheel alignme		[0]		
Toe-in (+) / Toe-out (–) Camber	mr	n [º]	+2.0 to 8.0 +1°30′±1°	
Castor			+1°50 ±1°	
King pin inclination			+12°30′	
Rear suspension / wheel alignme	nt			
Toe-in (+) / Toe-out (–)	mr		0	
Camber			0	
Torque wrench settings			TN Acty	1982 to 1991
Cylinder head - stage 1		Nm	M10: 54 to 64	
- stage 2			M6: 8 to 12	
Cylinder head - stage 3		Nm	_	
- stage 4		Nm	_	
Big-end bearings			22 to 26 M10: 37 to 42 ¹	
Main bearings Clutch cover			8 to 12	
Flywheel [driveplate]			71	
Front hubs			WSM	
Rear hubs		Nm	200	
Wheel nuts / bolts			65	
Spark plugs		Nm	23	
Capacities			TN Acty	1982 to 1991
Engine oil & filter	li	itres	2.8	
-				
Gearbox - 4-speed [5-speed]	li	itres	2.3 [2.4]	
Automatic transmission - refill	li	itres	_	
Automatic transmission - refill Final drive	li li	itres itres	– WT	
Automatic transmission - refill	ii ii ii	itres	_	

Notes and Illustrations



1: Idle speed 2: CO / Mixture

