X-90 1.6

1996 to 1997

SUZUKI

Primary resistance

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 make another choice, BOOK click anywhere on the data screen. MENU HELP Engine and cooling system X-90 1.6 1996 to 1997 G16B SOHC 16V 71kW Туре Capacity (cm³) / number of cylinders 1590 / 4 Compression ratio / pressure bar 9.5 / ≥11.0 **Oil pressure** bar [3.6 to 4.4] Oil temperature °C 80 Valve clearance - inlet mm 0.08 - exhaust mm 0.12 Firing order 1-3-4-2 No 1 cylinder position TBE °C Thermostat opening temperature 82 to 88 Radiator cap pressure bar 0.9 **Fuel system** X-90 1.6 1996 to 1997 Idle speed - manual [auto] rpm 750±50 Fast idle speed - manual [auto] rpm CO @ idle speed [3000 rpm] - see page VI % ≤0.3 HC @ idle speed [3000 rpm] - see page VI ppm ≤200 CO2 @ idle speed [3000 rpm] - see page VI % O2 @ idle speed [3000 rpm] - see page VI % Carburettor / fuel injection _Suzuki MPI Type / ref Main jet / needle 2.0 to 2.4 Injection pressure bar Pump pressure bar 95[U] Octane rating RON **Ignition system** X-90 1.6 1996 to 1997 Electronic Туре Ignition coil

0.86 to 1.06

ohms

Ballast resistor		ohms	_	•	
Voltage - Tmnl 15(+) to earth		V	_		
Distributor			_		
Points gap (air gap)		mm	[0.2 to 0.4]		
Dwell angle		° (%)	_		
Condenser capacity		μF	_		
Rotation	^o Crankshaft	@ rpm	_ 5° BTDC @	750+50	
Ignition timing - basic [static V = Vacuum NV = No Vacuum	° Crankshaft	erpin	5 BIDC @	730±30	
Total ignition advance	° Crankshaft	@ rpm	Computer of	control	
	° Crankshaft	•	_		
	° Crankshaft		_		
Centrifugal check.	° Crankshaft	@ rpm	Computer of	control	
	° Crankshaft	@ rpm	_		
	° Crankshaft	•	_		
Vacuum range check		mbar	Computer of	control	
Maximum vacuum advance	° Crar	nkshaft			
Spark plugs			Nippon Der K20PR-U /		
Type Electrode gap		mm	0.70 to 0.80		
Electiode gap		mm	0.70 10 0.80)	
Electrical system				X-90 1.6	1996 to 1997
Battery	V / C	C / RC	12 / 36Ah		
Alternator voltage / full load current	/ engine rpm		_		
Starter motor current / voltage - cra	-	A / V	_		
- loc	ked	A / V	_		
Running gear				X-90 1.6	1996 to 1997
Brakes -				X /0 1.0	
Front (min. friction material thic	kness)	mm			
Rear (min. friction material thick		mm	_		
Tyres			_		
Saloon		Size	195/65x15		
Estate / Van		Size	_		
Pressure - front / rear - Saloon		bar	1.6 / 1.6		
- Estate /		bar	_		
Front suspension / wheel alignme		[0]			
Toe-in (+) / Toe-out (-) Camber		mm [º]	2.0 to 6.0 0°00'±1°		
Camper			1°30′±1°		
King pin inclination			1 30 11		
Rear suspension / wheel alignme	nt		_		
Toe-in (+) / Toe-out (-)		mm [°]			
Camber			_		
Torque wrench cettinge				N 00 4 4	400/1 4007
Torque wrench settings				X-90 1.6	1996 to 1997
Cylinder head - stage 1		Nm	35		
- stage 2		Nm	55 68		
- stage 3		Nm Nm	00		
- stage 4 Big-end bearings		Nm	_ 35		
Main bearings		Nm	54		
Clutch cover		Nm	23		
Flywheel [driveplate]		Nm	78 [95]		
Front hubs		Nm	120 to 170		
Rear hubs		Nm	120 to 200		
Wheel nuts / bolts		Nm	50 to 80		
Spark plugs		Nm	25		
Capacities				X-90 1.6	1996 to 1997
Engine oil & filter		litres	4.2		
Gearbox - 4-speed [5-speed]		litres	1.5		
Automatic transmission - refill		litres	_		
Final drive		litres	Front: 1.0	Rear: 2.21	
Cooling system		litres	5.0		
Fuel tank		litres	42 / 55		

Notes and Illustrations

¹Transfer box: 1.7



