

Engine & Cooling

Fuel

Ignition

Electrical

Running gear

Torque settings

Capacities

Notes & Illustrations



Automotive
Technical
DATA BOOK

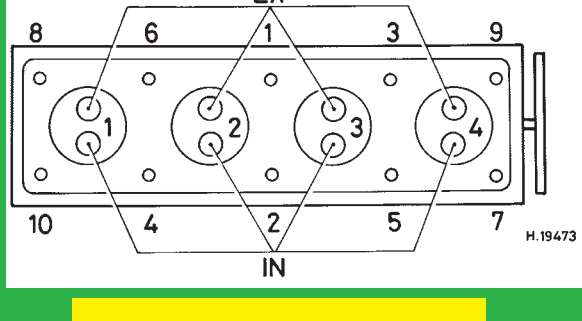
Click on one of the buttons above to view data for this car. To return to this screen and make another choice, click anywhere on the data screen.

MENU

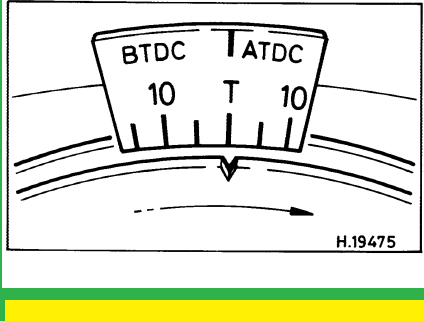
HELP

Engine and cooling system			Pony X2 1.5i CAT	1990 to 1994
Type			4G15 / G4J SOHC 62kW	
Capacity (cm³) / number of cylinders			1468 / 4	
Compression ratio / pressure		bar	9.4 / ≥11.8	
Oil pressure		bar	1.5	
Oil temperature		°C	90	
Valve clearance - inlet		mm	0.15 H	
Valve clearance - exhaust		mm	0.25 H	
Firing order			1-3-4-2	
No 1 cylinder position			TBE	
Thermostat opening temperature		°C	88	
Radiator cap pressure		bar	0.81 to 1.08	
Fuel system			Pony X2 1.5i CAT	1990 to 1994
Idle speed - manual [auto]		rpm	800±30 [850±30]	
Fast idle speed - manual [auto]		rpm	—	
CO @ idle speed [3000 rpm] - see page VI		%	≤0.5 N/A	
HC @ idle speed [3000 rpm] - see page VI		ppm	100	
CO2 @ idle speed [3000 rpm] - see page VI		%	—	
O2 @ idle speed [3000 rpm] - see page VI		%	—	
Carburettor / fuel injection			Mitsubishi	
Type / ref			ECI MPI	
Main jet / needle			—	
Injection pressure		bar	—	
Pump pressure		bar	3.3	
Octane rating		RON	95[U]	
Ignition system			Pony X2 1.5i CAT	1990 to 1994
Type			Electronic	
Ignition coil			Diamond. Poon Sung. Dae Joon.	
Primary resistance		ohms	0.80±0.08	
Ballast resistor		ohms	—	
Voltage - Tmnl 15(+) to earth		V	—	
Distributor			Mitsubishi	
Points gap (air gap)		mm	—	
Dwell angle		° (%)	—	
Condenser capacity		µF	—	
Rotation			Clockwise	
Ignition timing - basic [static		° Crankshaft @ rpm	5±2 BTDC @ 700 (Basic)	
V = Vacuum NV = No Vacuum			NV	
Total ignition advance		° Crankshaft @ rpm	26 to 34 BTDC @ 2000	
		° Crankshaft @ rpm	—	
		° Crankshaft @ rpm	—	
Centrifugal check.		° Crankshaft @ rpm	Computer control	
		° Crankshaft @ rpm	—	
		° Crankshaft @ rpm	—	
Vacuum range check		mbar	Computer control	
Maximum vacuum advance			° Crankshaft	
			—	
Spark plugs			NGK/Champion	
Type			BPR6ES-11 / RN9YC4	
Electrode gap		mm	1.00 to 1.10	
Electrical system			Pony X2 1.5i CAT	1990 to 1994
Battery		V / CC / RC	12 / 380 / 80	
Alternator voltage / full load current / engine rpm			14.4 / 75 / 2500	
Starter motor current / voltage - cranking		A / V	60 / 11.5 (no load)	
- locked		A / V	—	
Running gear			Pony X2 1.5i CAT	1990 to 1994
Brakes -				
Front (min. friction material thickness)		mm	1.0	
Rear (min. friction material thickness)		mm	1.0	
Tyres				
Saloon		Size	175/70x13	
Estate / Van		Size	—	
Pressure - front / rear - Saloon		bar	1.9 / 1.9	
- Estate / Van		bar	—	
Front suspension / wheel alignment				
Toe-in (+) / Toe-out (–)		mm [°]	+4.0 to -2.0	
Camber			0±30'	
Castor			+1°40'±30'	
King pin inclination			+12°59'	
Rear suspension / wheel alignment				
Toe-in (+) / Toe-out (–)		mm [°]	+6.0 to -3.0	
Camber			-40'±30'	
Torque wrench settings			Pony X2 1.5i CAT	1990 to 1994
Cylinder head - stage 1		Nm	35	
- stage 2		Nm	70 to 75 C	
Cylinder head - stage 3		Nm	80 to 85 H	
- stage 4		Nm	—	
Big-end bearings		Nm	32 to 35	
Main bearings		Nm	50 to 54	
Clutch cover		Nm	15 to 22	
Flywheel [driveplate]		Nm	130 to 140	
Front hubs		Nm	200 to 260	
Rear hubs		Nm	150 to 200	
Wheel nuts / bolts		Nm	90 to 110	
Spark plugs		Nm	20 to 30	
Capacities			Pony X2 1.5i CAT	1990 to 1994
Engine oil & filter		litres	3.4	
Gearbox - 4-speed [5-speed]		litres	1.8	
Automatic transmission - refill		litres	6.1	
Final drive		litres	WT	
Cooling system		litres	5.3	
Fuel tank		litres	45	

Notes and Illustrations



1468 cm³



1468 cm³