

Engine & Cooling

Fuel

Ignition

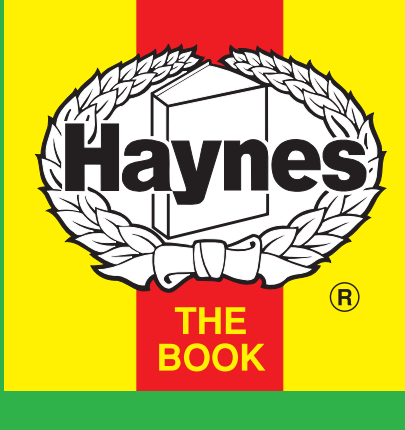
Electrical

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 systemPony 1.31985 to 1990

Type		G4AG
Capacity (cm³) / number of cylinders		1298 / 4
Compression ratio / pressure	bar	9.8 / _
Oil pressure	bar	1.5
Oil temperature	°C	_
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	82
Radiator cap pressure	bar	0.78 to 0.98

Fuel systemPony 1.31985 to 1990

Idle speed - manual [auto]	rpm	750±30
Fast idle speed - manual [auto]	rpm	_
CO @ idle speed [3000 rpm] - see page VI	%	1.5
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		Changwon
Type / ref		2V
Main jet / needle		100, 150
Injection pressure	bar	_
Pump pressure	bar	_
Octane rating	RON	97[E 95 RON]

Ignition systemPony 1.31985 to 1990

Type		Electronic
Ignition coil		Diamond
Primary resistance	ohms	1.08 to 1.32
Ballast resistor	ohms	1.15 to 1.55
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	TDC @ 750±30
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	_
Centrifugal check.	° Crankshaft @ rpm	0 @ 1000
	° Crankshaft @ rpm	_
	° Crankshaft @ rpm	20 @ 6000
Vacuum range check	mbar	133 to 400
Maximum vacuum advance	° Crankshaft	15
Spark plugs		NGK/Champion
Type		BPR6ES / RN9YC
Electrode gap	mm	0.70 to 0.80

Electrical systemPony 1.31985 to 1990

Battery	V / CC / RC	12 / 350 / 80
Alternator voltage / full load current / engine rpm		14.4 to 15.0 / _ / 2300
Starter motor current / voltage - cranking	A / V	60 / 11.5 (no load)
- locked	A / V	_

Running gearPony 1.31985 to 1990

Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	1.0
Tyres		
Saloon	Size	155x13
Estate / Van	Size	_
Pressure - front / rear - Saloon	bar	1.9 / 1.9
- Estate / Van	bar	_
Front suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	-1.0±1.0
Camber		0 to +1°
Castor		+30' to 1°10'
King pin inclination		+12°42'
Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (-)	mm [°]	_
Camber		-10' to -1°20'

Torque wrench settingsPony 1.31985 to 1990

Cylinder head - stage 1	Nm	69 to 73 C
- stage 2	Nm	OR 79 to 83 H
Cylinder head - stage 3	Nm	_
- stage 4	Nm	_
Big-end bearings	Nm	32 to 34
Main bearings	Nm	49 to 53
Clutch cover	Nm	15 to 22
Flywheel [driveplate]	Nm	128 to 137
Front hubs	Nm	200 to 260
Rear hubs	Nm	20 then 0 then 5
Wheel nuts / bolts	Nm	70 to 80
Spark plugs	Nm	20 to 30

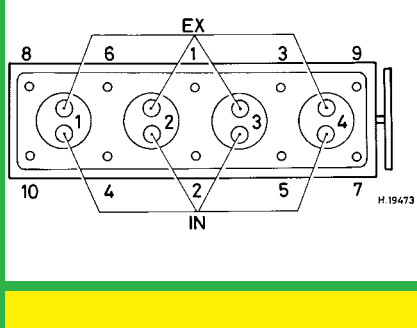
CapacitiesPony 1.31985 to 1990

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.1
Automatic transmission - refill	litres	_
Final drive	litres	WT
Cooling system	litres	6.2
Fuel tank	litres	40

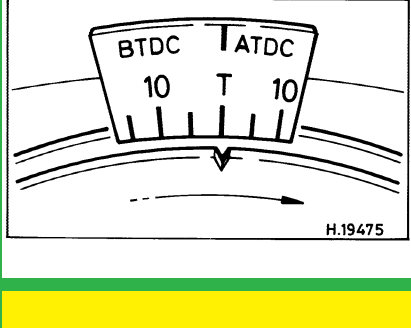
Notes and Illustrations



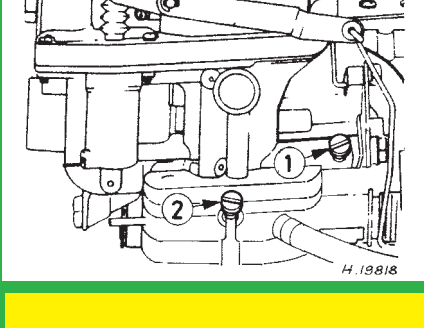
1: Idle speed 2: CO / Mixture



1298 cm³



1298 cm³



Changwon