

VOLKSWAGEN

Taro 4x2

1989 to 1994

Engine & Cooling

Fuel

Ignition

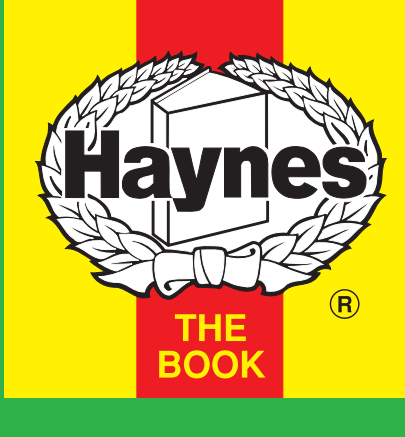
Electrical

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

Taro 4x2

1989 to 1994

Type		2Y. OHV. 61kW
Capacity (cm ³) / number of cylinders		1812 / 4
Compression ratio / pressure	bar	8.8 / ≥9.0
Oil pressure	bar	[2.5 to 4.9]
Oil temperature	°C	—
Valve clearance - inlet	mm	0: Hyd.
Valve clearance - exhaust	mm	0: Hyd.
Firing order		1-3-4-2
No 1 cylinder position		TCE
Thermostat opening temperature	°C	80 to 84
Radiator cap pressure	bar	0.7 to 1.0

Fuel system

Taro 4x2

1989 to 1994

Idle speed - manual [auto]	rpm	700±50
Fast idle speed - manual [auto]	rpm	2600±200
CO @ idle speed [3000 rpm] - see page VI	%	1.5±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		Aisan
Type / ref		2V 21100-72270
Main jet / needle		—
Injection pressure	bar	—
Pump pressure	bar	—
Octane rating	RON	91[E 95 RON]

Ignition system

Taro 4x2

1989 to 1994

Type		Contact breaker - CIS
Ignition coil		—
Primary resistance	ohms	1.3 to 1.6
Ballast resistor	ohms	—
Voltage - Tmnl 15(+) to earth	V	—
Distributor		Toyo Denso
Points gap (air gap)	mm	0.45
Dwell angle	° (%)	52±6
Condenser capacity	µF	—
Rotation		—
Ignition timing - basic [static	° Crankshaft @ rpm	8 BTDC @ 850
V = Vacuum NV = No Vacuum		NV
Total ignition advance	° Crankshaft @ rpm	20 BTDC @ 850
	° Crankshaft @ rpm	—
	° Crankshaft @ rpm	—
Centrifugal check.	° Crankshaft @ rpm	0 to 4 @ 1400
	° Crankshaft @ rpm	10 to 14 @ 3000
	° Crankshaft @ rpm	16 to 20 @ 5000
Vacuum range check	mbar	105 to 440
Maximum vacuum advance	° Crankshaft	17 to 21
Spark plugs		Nippon Denso/Champion
Type		W16EXR-U / RN9YC
Electrode gap	mm	0.80

Electrical system

Taro 4x2

1989 to 1994

Battery	V / CC / RC	12 / 60Ah
Alternator voltage / full load current / engine rpm		13.8 to 14.8 / _ / 3000
Starter motor current / voltage - cranking	A / V	90 / 11.5 (no load)
- locked	A / V	—

Running gear

Taro 4x2

1989 to 1994

Brakes -		
Front (min. friction material thickness)	mm	1.0
Rear (min. friction material thickness)	mm	1.0

Tyres		
Saloon	Size	—
Estate / Van	Size	185x14
Pressure - front / rear - Saloon	bar	—
- Estate / Van	bar	1.8 / 1.8

Front suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	+3.3±1.0
Camber		+40'±30'
Castor		+45'±30'
King pin inclination		+9°49'±45'

Rear suspension / wheel alignment		
Toe-in (+) / Toe-out (–)	mm [°]	—
Camber		—

Torque wrench settings

Taro 4x2

1989 to 1994

Cylinder head - stage 1	Nm	12mm bolt: 19
- stage 2	Nm	14mm bolt: 88
Cylinder head - stage 3	Nm	—
- stage 4	Nm	—
Big-end bearings	Nm	49
Main bearings	Nm	78
Clutch cover	Nm	19
Flywheel [driveplate]	Nm	83
Front hubs	Nm	WSM
Rear hubs	Nm	—
Wheel nuts / bolts	Nm	140
Spark plugs	Nm	18

Capacities

Taro 4x2

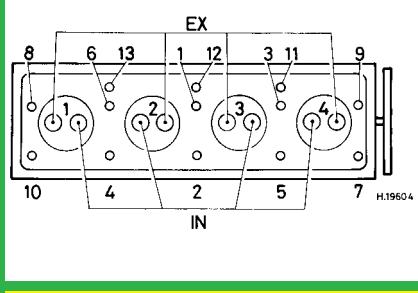
1989 to 1994

Engine oil & filter	litres	3.5
Gearbox - 4-speed [5-speed]	litres	2.2
Automatic transmission - refill	litres	—
Final drive	litres	1.8
Cooling system	litres	7.0
Fuel tank	litres	56

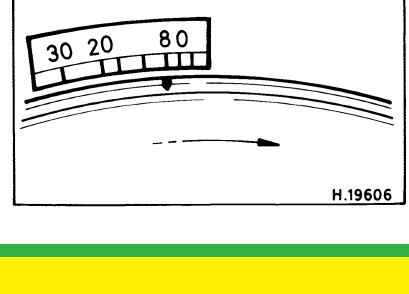
Notes and Illustrations

1: Idle speed

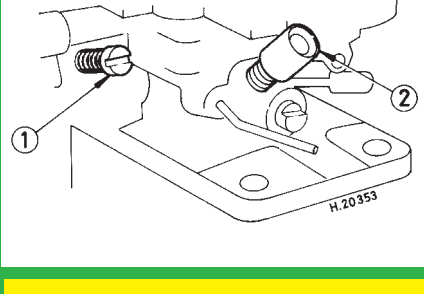
2: CO / Mixture



1812 cm³



1812 cm³



Aisan 2V, 1812 cm³