ΤΟΥΟΤΑ

Corolla 1.6 4x4 (AE95)

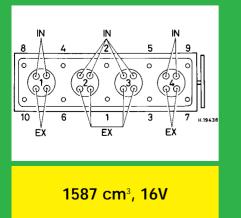
1988 to 1991

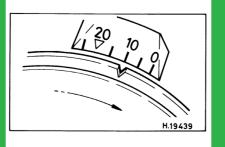
Engine & Cooling	Fuel	Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
	1924	A	utomo	tive			
H a	vne		echnica				
					-	Click on c buttons abo data for th	ove to view
	ТНЕ ВООК	®	30	<u> Ok</u>		return to this make anoth click anywh	ner choice,
						data s	
F						MENU	HELP
Engine ar				(Corolla 1.6 4x4 4A-F (DOHC		988 to 1991
Capacity (cm ³ Compression Oil pressure		-	ſS	bar bar	1587 / 4 9.5 / ≥9.8 [2.5 to 5.0]		
Oil temperatur Valve clearance	ce - inlet			°C mm	80 0.15 to 0.25		
Firing order No 1 cylinder	- exhau	ıst		mm	0.20 to 0.30 1-3-4-2 TBE		
Thermostat of Radiator cap	bening ter	mperature		°C bar	80 to 84 0.74 to 1.03		
Fuel syste		utol			Corolla 1.6 4x4	<mark>l (AE95) 1</mark>	988 to 1991
Idle speed - n Fast idle spee CO @ idle spe	d - manua	al [auto]	page VI	rpm rpm %	800 3000±200 1.0 to 2.0		
HC @ idle spe CO2 @ idle sp	ed [3000 beed [3000	rpm] - see 0 rpm] - see	page VI e page VI	ppm %	≤1200 _		
O2 @ idle spe Carburettor / t Type / ref	fuel injecti		page VI	%	_ Aisan 2V, 21100-16	300	
Main jet /	needle			bar	2 V, 2 I I UU- I O 	300	
Pump pressur Octane rating	e			bar RON	_ 95[E 95 RON]	
Ignition s Type	<mark>ystem</mark>			(Corolla 1.6 4x4 Electronic	<mark>l (AE95) 1</mark>	988 to 1991
Ignition coil Primary re				ohms	_ 1.3 to 1.5		
Ballast re Voltage - Distributor) to earth		ohms V	-		
	p (air gap Jle)		mm ° (%)	_ [0.20 to 0.40] _		
Condense Rotation	•	-	0 Crankshaf	μF	- - 10 BTDC @ 9	200	
Ignition timing V = Vacut Total ignition a	um NV =	= No Vacuu	 ^o Crankshaf m ^o Crankshaf 		NV	700	
			 ^o Crankshaf ^o Crankshaf 	t @ rpm t @ rpm	-	~ 1	
Centrifuga	al check.		 ^o Crankshaf ^o Crankshaf ^o Crankshaf 	t @ rpm	0 to 3 @ 1600 11.4 to 14.4 0 19.4 to 23.4 0	@ 33001	
Vacuum r Maximu	•	ck m advance		mbar ankshaft	133 to 560 ² 13 to 17 ²		
Spark plugs Type	aan			200	NGK/Champ BCRE 527Y / 0.80		
Electrode Electrical	0.	n		mm (Corolla 1.6 4x4	<mark>l (AE95) 1</mark>	988 to 1991
Battery Alternator volt	•		t / engine rpn		12 / 50Ah 13.5 to 15.1 /	/ _ / 3000	
Starter motor		-	anking cked	A / V A / V	-		
Running (Brakes -					Corolla 1.6 4x4	I (AE95) 1	988 to 1991
		material thic material thic		mm mm	1.0 1.0		
Saloon Estate / V				Size Size	_ 165x13: 185/	70x13	
Pressure Front suspen		ear - Saloor - Estate peel alignm	/ Van	bar bar	_ 1.9 / 1.9		
Toe-in (+) Camber		-		mm [º]	+1.0±2.0 +10'±30'		
Castor King pin i Rear suspens			ant		+1°15±30' +12°05'±30'		
	/ Toe-out	-		mm [º]	+1.0±1.0 –		
Torque w Cylinder head		U		(Nm	Corolla 1.6 4x4 60 in several		988 to 1991
	- stage 2 - stage 3			Nm Nm	_ _	stages	
Big-end bearing				Nm Nm Nm	_ 49 60		
Main bearings Clutch cover Flywheel [driv				Nm Nm Nm	19 78		
Front hubs Rear hubs				Nm Nm	186 ³ WSM 103		
Wheel nuts / k Spark plugs				Nm Nm	103 18		
Capacitie Engine oil & fi	lter			litres	Corolla 1.6 4x4 3.3	<mark>1 (AE95) 1</mark>	988 to 1991
Gearbox - 4-s Automatic trai Final drive				litres litres litres	5.0⁴ _ Rear: 1.1		
Cooling syste Fuel tank	m			litres litres	6.2 50		
Notos an							

Notes and Illustrations

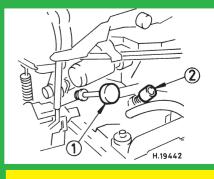
¹Distributor 19020-16110: 0.4 to 3.4 @ 1800, 16 to 19 @ 3700, 26.4 to 30.4 @ 6600 ²Distributor 19020-16110: 133 to 573 @ 20 to 24° ³If noisy, retighten to 273 ⁴Transfer box: 0.7

1: Idle speed 2: CO / Mixture





1587 cm³, 4A-F



Aisan 2V