VAUXHALL/OPEL

Astra-F 1.8i 16V

1996 to 1997

Engine & Cooling	Fuel Ignition	Electrical	Running gear	Torque settings	Capacities	Notes & Illustrations
		Automot	ive			
A PROVIDENCE		lechnica	al			
	ynesi	DAI	A	_	buttons ab	one of the ove to view
В	BO	SOOK		data for this car. To return to this screen and make another choice, click anywhere on the		
					data s	creen.
Engine and	d cooling sys	stom		Asha E	MENU	HELP
Туре	/ number of cylind			Astra-F X18XE 16V 8 1798 / 4		1996 to 1997 EC
Compression ra Oil pressure	atio / pressure		bar bar	10.8 / _ 2.0		
Oil temperature Valve clearance Valve clearance	e - inlet		°C mm mm	80 0: Hyd. 0: Hyd.		
Firing order No 1 cylinder p Thermostat ope	osition ening temperature		°C	1-3-4-2 TBE 92		
Radiator cap pr	ressure		bar	1.2 to 1.5	1.8i 16V 1	996 to 1997
Idle speed - ma Fast idle speed	anual [auto] - manual [auto]		rpm rpm	700 to 1000 -		
HC @ idle spee	ed [3000 rpm] - see ed [3000 rpm] - see eed [3000 rpm] - se	e page VI	% ppm %	1.5±0.5 WSN ≤200	1	
-	d [3000 rpm] - see		%	_ _GM Simtec 56.5		
Main jet / n	ressure		bar	- -		
Pump pressure Octane rating			bar RON	_ 95[U]		
Ignition sy Type Ignition coil	stem			Astra-F DIS	1.8i 16V 1	996 to 1997
Primary res Ballast resi	stor		ohms ohms	-		
Voltage - T Distributor Points gap	mnl 15(+) to earth (air gap)		V mm	_ _ _		
Dwell angle Condenser Rotation	9		° (%) µF	-		
Ignition timing - V = Vacuur	m NV = No Vacu			Computer co		
Total ignition ac	avance	 ° Crankshaf ° Crankshaf ° Crankshaf 	t @ rpm	Computer cc -	ntroi	
Centrifugal	check.	 ° Crankshaf ° Crankshaf ° Crankshaf 	t @ rpm	Computer co	ontrol	
	nge check n vacuum advance		mbar ankshaft	Computer co	ontrol	
Spark plugs Type Electrode g	јар		mm	Bosch FR8LDC 0.7 to 0.8		
Electrical s Battery	system	V / (CC / RC	Astra-F	<mark>1.8i 16V</mark> 1	996 to 1997
Alternator volta	ge / full load curre urrent / voltage - o	ent / engine rpn		-		
Running g		ockeu	A / V	– Astra-F	<mark>1.8i 16V 1</mark>	996 to 1997
	friction material th		mm mm	_		
Tyres Saloon Estate / Va			Size Size	175/65x14: 1 175/65x14: 1		
Pressure -	front / rear - Saloo - Estat	e / Van	bar bar	Refer to vehi Refer to vehi	cle	
Toe-in (+) / Camber	ion / wheel align Toe-out (-)	nent	mm [º]	-1.5±1.0 -1°5′±45′		
Castor King pin ind Rear suspension	clination on / wheel alignr	nent		2°15′±1° –		
_	Toe-out (–)		mm [°]	1.0±2.0 -1°40′±30′		
Cylinder head -	•	S	Nm	25 N	<mark>1.8i 16V</mark> 1	996 to 1997
Cylinder head -	stage 2 stage 3 stage 4		Nm Nm Nm	+90° +90° +90°		
Big-end bearing Main bearings Clutch cover	gs		Nm Nm Nm	35 +45° +15° 50 +45° +15° 15		
Flywheel [driver Front hubs Rear hubs	plate]		Nm Nm Nm	65 +30° +15° WSM WSM	° [50] N	
Rear hubs Wheel nuts / bo Spark plugs	olts		Nm Nm Nm	110 25		
Capacities			litres	Astra-F 4.0	<mark>1.8i 16V ′</mark>	1996 to 1997
Gearbox - 4-sp Automatic trans Final drive	eed [5-speed]		litres litres litres	1.9 – WT		
Final drive Cooling system Fuel tank)		litres litres litres	6.9 52		
	Ullustration					

Notes and Illustrations

