

2006 Opel Astra Twin Top 1.6

User Manual

Bodywork

Type 4/5S DHC

Doors 2

Engine information

Bore × stroke	79.00 mm × 81.50 mm 3.11 in × 3.21 in
Cylinders	S-4
Displace	1.6 litre 1598 cc (97.516 cu in)
Engine type	DOHC
Valves	4 valves per cylinder 16 valves in total
Engine construction	cast iron block; aluminium all
Sump	Wet sumped
Compression ratio	10.50:1
Fuel system	SMPFi
Maximum power	
0-50 mph	
0-60 mph	
0-100 mph	
0-100 km/h	14.10 s
80 - 120 km/h	
402 m (Quarter mile)	
Standing km	
Top speed	186 km/h (116 mph)
Fuel consumption	9.1/5.8/7.0 l/100km urban/extra-urban/combined
CO2 emissions	168.0 g/km
Power to weight ratio	68.65 bhp/ton
Specific output	
Maximum torque	
Bmep	1179.6 kPa (171.1 psi)
Specific torque	93.87 Nm/litre
Maximum rpm	
Code	1.6 TWINPORT ECOTEC
Main bearings	5

Coolant	Water
Bore / stroke ratio	0.97
Unitary capacity	399.5 cc/cylinder
Aspiration	Normal
Compressor type	N/A
Intercooler	None
Catalytic converter	Y

Dimensions and weight

Wheelbase	2614 mm
Wheelbase	102.9 in
Length (millimeters)	4476 mm
Length (inches)	176.2 in
Width (millimeters)	1831 mm
Width (inches)	72.1 in
Height (millimeters)	1411 mm
Height (inches)	55.6 in
L:W ratio	1.71
Ground clearance (millimeters)	
Ground clearance (inches)	
Kerb weight (kilograms)	1515 kg
Kerb weight (pounds)	3340 lb
Weight distribuiton	
Fuel capacity (litres)	
Fuel capacity (UK Ga)	
Fuel capacity (US Gal)	

Aerodynamics

Drag coefficient	
Frontal area	
Cx	

Chassis

Engine location	Front
Engine alignment	Transverse
Drive	FWD
Steering	rack & pinion PAS
Turns lock-to-lock	

Turning circle

Tyres

Wheels

Brakes F/R VeDi/Di-S-ABS

Brake ?

Braked area

Transmission 5M

Top gear ratio

Final drive ratio

General information

RAC rating 15.5

Number made

Model code

Model family

Insurance classification No information available

Tax band No information available