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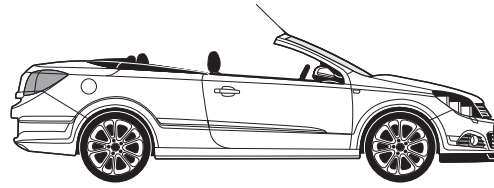
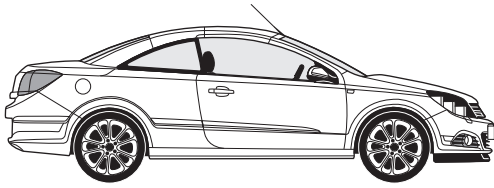
Astra TwinTop

Model Year 2006



Recommended price and specification details for Republic of Ireland

Astra TwinTop



Prices – 2-door coupé roadster

Model	Recommended Retail Price (ex-works) (€)
Astra TwinTop	
1.6i 16v	30495.00
Astra TwinTop Sport	
1.6i 16v	31495.00
1.8i 16v VVT	32495.00
Astra TwinTop Design	
1.6i 16v	32295.00
1.8i 16v VVT	33295.00
2.0i 16v Turbo (200PS)	37795.00
1.9CDTi 16v (150PS)	37795.00

Accessories

	Recommended Retail Price incl. VAT (€)
Interior – load area	
Electrically chilled 12-litre cool bag	172.46
Boot storage box	64.60
Practical	
Spare bulb kit (not for xenon headlights)	32.55
Safety	
First aid kit	18.69
Warning triangle	10.49
Fire extinguisher (2kg)	62.07

Please note: Prices quoted are ex-works, excluding number plates, delivery and other related charges. Prices effective as of February 1 2006. Prices are subject to alteration without notice or obligation.

Option availability

	TwinTop	Sport	Design	Recommended Retail Prices incl. Taxes (€)	
				1.6i 16v 1.8i 16v	2.0i 16v Turbo/ 1.9CDTi 16v
Option packs					
Leather pack • Leather seat facings • Electrically heated sports front seats with tilt and lumbar adjustment • Indirect door night lighting			○	1900.00	2017.00
Plus pack • 17-inch Twin Spoke alloy wheels with 225/45 R 17 ultra-low profile tyres • Cruise control • CD 30 MP3 stereo radio/CD with MP3 capability • Two pop-up rear rollover protection bars • Height-adjustable rear seat head restraints		○		750.00	–
Plus pack • 18-inch 11-spoke alloy wheels with 225/40 R 18 ultra-low profile tyres • Cruise control • CDC 40 stereo radio/integral six-disc CD autochanger/graphic display			○	1000.00	1061.00
Smoker pack • Cigar lighter • Front and rear ashtrays	○	○	○	100.00	106.00
Exterior and convenience options					
Adaptive Forward Lighting (AFL) incorporating bi-xenon headlights with dynamic beam levelling and high-pressure washers		○	○	1400.00	1486.00
Rear parking distance sensor	○	○	○	500.00	531.00
Windbreak	○	○	●	400.00	424.00
Two-coat metallic or pearlescent (mica) paint	○	○	○	550.00	584.00
Audio and communication options					
CDC 40 stereo radio/integral six-disc CD autochanger/graphic display		○	○	750.00	796.00
CD 70 stereo radio/CD with MP3 capability/satellite navigation with colour monitor		○	○	1400.00	1486.00

○ = Optional at extra cost. ● = Standard equipment.

Technical data

Engines

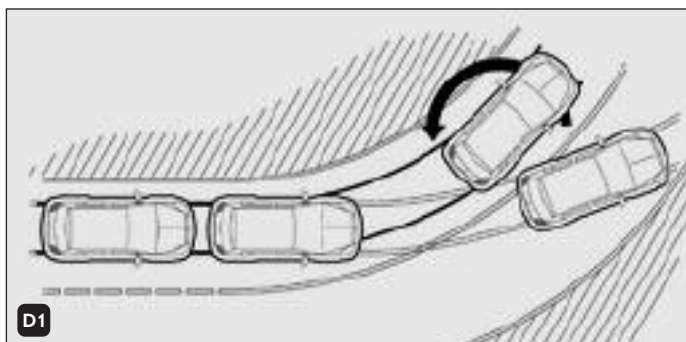
	1.6i 16v Twinport ECOTEC-4 Petrol	1.8i 16v VVT ECOTEC-4 Petrol	2.0i 16v Turbo ECOTEC-4 Petrol	1.9CDTi 16v ECOTEC-4 Turbo diesel with Diesel Particulate Filter (DPF)
Capacity	1598cc	1796cc	1998cc	1910cc
Maximum power*	105PS (77kW) @ 6000rpm	140PS (103kW) @ 6300rpm	200PS (147kW) @ 5400rpm	150PS (110kW) @ 4000rpm
Maximum torque	150Nm (111 lb.ft.) @ 3900rpm	175Nm (129 lb.ft.) @ 3800rpm	262Nm (193 lb.ft.) @ 4200rpm	320Nm (236 lb.ft.) @ 2000rpm
Compression ratio	10.5:1	10.5:1	8.8:1	17.5:1
Emission compliance	Euro 4			
Configuration	4 cylinders, 16 valves			
Service intervals	30,000 km or 1 year (whichever occurs sooner)			

* = To calculate BHP divide the PS figure by 1.0136.

Performance, fuel economy and emissions

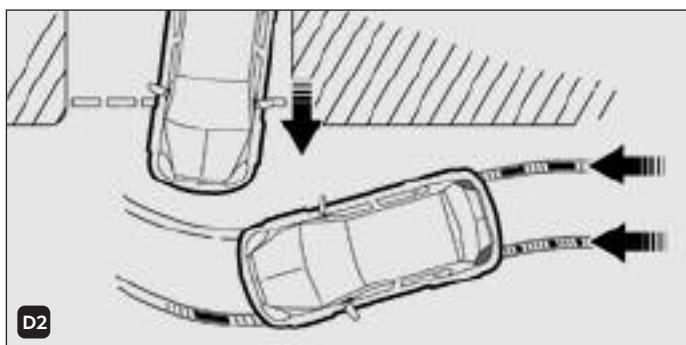
	Maximum speed km/h (mph)	Performance Acceleration (secs)		Wheel size (inches)	Fuel economy litres/100km (mpg)			CO ₂ emissions (g/km)
		0-100km/h	48-80km/h (4th gear)		Urban driving	Extra- urban driving	Combined figure	
1.6i 16v Twinport	186 (116)	14.1	10.1	16/17	9.1 (31.0)	5.8 (48.7)	7.0 (40.4)	168
1.8i 16v VVT	209 (130)	11.4	8.0	16/17/18	10.3 (27.4)	6.2 (45.6)	7.7 (36.7)	185
2.0i 16v Turbo	237 (147)	8.9	5.7	17/18	13.3 (21.2)	7.3 (38.7)	9.5 (29.7)	228
1.9CDTi 16v	213 (132)	10.2	6.5	16/17/18	7.7 (36.7)	5.2 (54.3)	6.1 (46.3)	165

The fuel consumption figures shown comply with EC directive 1999/100 to provide a realistic indication of fuel consumption by taking into account everyday driving conditions, such as cold starts, acceleration, braking and even differences in the weight of models with the same engine. **Important:** the results given relate to the particular car tested; inevitably there are differences between individual cars of the same model. In addition, some cars may incorporate particular modifications. Driving style, road and traffic conditions, vehicle mileage and standard of maintenance may also affect fuel consumption; therefore the results do not express or imply any guarantee of the fuel consumption attainable.



Electronic Stability Programme-plus (ESP-plus)

D1. ESP-plus provides enhanced yaw compensation during understeer or oversteer. The system works by monitoring the front and rear of the car, comparing their respective directions of travel going in to the bend with the input received through the steering wheel. If the vehicle starts to slide, ESP-plus applies corrective braking to the appropriate wheel, or wheels, compensating for the slide and helping you regain control more rapidly.

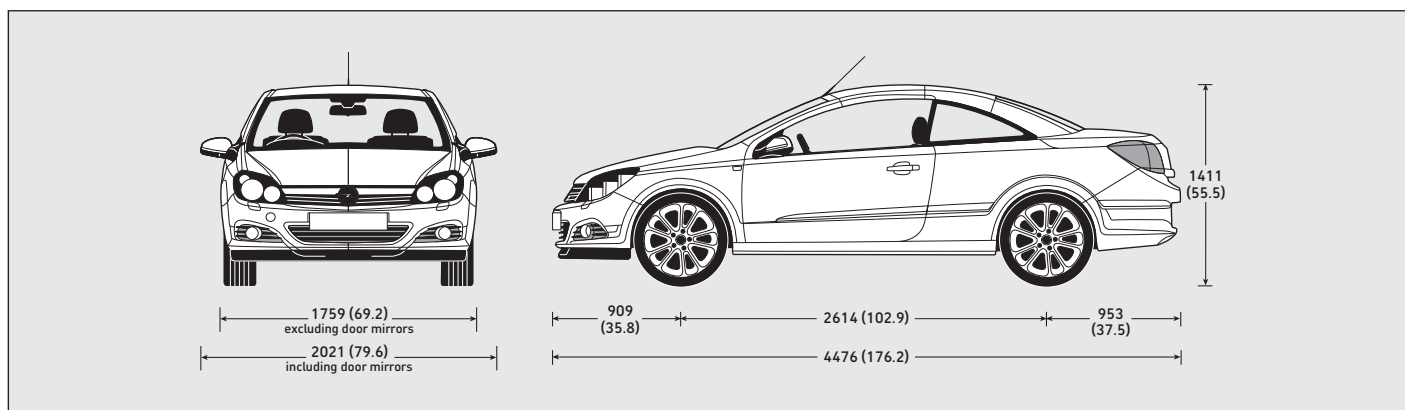


Anti-lock Braking System (ABS) with Cornering Brake Control (CBC)

D2. Cornering brake control makes the car easier to control in extreme situations, particularly when braking sharply on a bend. It is particularly effective when carrying out emergency procedures, such as avoiding a child's ball that's rolled out from the kerb. The system works by sensing the different rotational speeds of the individual road wheels and co-ordinating the level of braking pressure applied to each wheel. CBC is an integral part of Astra TwinTop's comprehensive ABS.

Technical data

Exterior dimensions millimetres (inches)



Brakes

Front ventilated disc brakes:

1.6i 16v Twinport/1.8i 16v VVT – 280mm diameter.

2.0i 16v Turbo/1.9CDTi 16v – 308mm diameter.

Rear disc brakes:

All models – 264mm diameter.

- Anti-lock Braking System (ABS) with Electronic Brakeforce Distribution (EBD)
- Cornering Brake Control (CBC)
- Emergency Brake Assist (EBA)
- Dual circuit, diagonally split braking system
- Front brake pad wear warning

Suspension

Front: Independent. Lightweight MacPherson struts with gas-pressure dampers and coil springs. Anti-roll bar. Hydro-formed subframe offers increased lateral stiffness. Hydraulic control arm bushing to give improved insulation from road noise.

Rear: Lightweight torsion beam rear axle with one-piece, hollow cast trailing arms. Built-in anti-roll bar. Progressive-rate double conical mini-block springs and gas-pressure dampers.

Transmissions

- Front-wheel drive
- Hydraulically actuated, asbestos-free, self-adjusting single-plate clutch

Five-speed manual gearbox:

- Standard on 1.6i 16v Twinport/1.8i 16v VVT models

Six-speed manual gearbox:

- Standard on 2.0i 16v Turbo/1.9CDTi 16v models

Electrics

Alternator:

All models (exc. 2.0i 16v Turbo) – 100A
2.0i 16v Turbo – 120A

Maintenance-free battery:

All models (exc. 1.9CDTi 16v) – 55Ah
1.9CDTi 16v – 60Ah

Wheels and tyres

TwinTop – 16-inch Structure wheels with 205/55 R 16 ultra-low profile tyres

Sport – 16-inch 10-spoke alloy wheels with 205/55 R 16 ultra-low profile tyres

Design – 17-inch 10-spoke alloy wheels with 225/45 R 17 ultra-low profile tyres

- All models feature a steel space-saver spare wheel/tyre

Body

- Aerodynamic drag co-efficient: Cd 0.31 (with roof raised)
- Polypropylene front and rear bumpers capable of withstanding minor impacts up to 4km/h without permanent deformation
- Extensive use of dual-phase steels
- Electro-hydraulic retractable hard top

Steering

- Electro-hydraulic power-assisted steering
- Design models are fitted with map-controlled steering
- Turning circle (kerb-to-kerb): 10.75m (35.3ft.)

Fuel tank capacity

All models – 52 litres (11.4 gallons).

Anti-corrosion protection

- Six-year body panel anti-perforation warranty
- Extensive use of zinc-coated sheet metal
- Plastic front wheel arch liners

Luggage capacities*

	litres	cu.ft.
Roof up	440	15.5
Roof down	205	7.2

* = Measured using the ECIE method.

Weights and towing data

	Kerbweight (Gross vehicle weight) kg	Max. towing weights Trailer with brakes (without brakes) kg
1.6i 16v Twinport	1440 (1865)	1050 (745)
1.6i 16v Twinport Sport	1440 (1865)	1050 (745)
1.6i 16v Twinport Design	1558 (1865)	1050 (745)
1.8i 16v VVT Sport	1445 (1870)	1200 (750)
1.8i 16v VVT Design	1556 (1870)	1200 (750)
2.0i 16v Turbo Design	1645 (1955)	1200 (750)
1.9CDTi 16v Design	1656 (1990)	1200 (750)

Gross vehicle weight is the total permissible weight of the vehicle including passengers and their luggage. To determine total carrying capacity, deduct kerbweight from gross vehicle weight. Note that the figure obtained will include the weight of the driver, passengers and any optional equipment or accessories. The **maximum towing weights** are based on the ability of the car, with two occupants of 70kg each, to restart on a 12% gradient, which is approximately 1 in 8.3 at sea level. At altitudes above 1500 metres, the engine output may drop with a corresponding reduction in towing capability. Any extra weight, such as luggage or additional passengers, should be deducted from the maximum towing weight. With a trailer fully loaded, **maximum noseweight** should not exceed 75kg. Always fit Opel towing attachments and accessories available from your Opel retailer. They are designed specifically for Opel models and carry a 24-month guarantee.

Standard features

DESIGN (features over Sport)

- > 17-inch 10-spoke alloy wheels with 225/45 R 17 ultra-low profile tyres
- > Sport switch
- > Three-spoke leather-covered sports steering wheel
- > CD 30 MP3 stereo radio/CD player with MP3 capability
- > Rain-sensitive windscreen wipers
- > Electro-chromatic anti-dazzle rear-view mirror
- > Automatic Lighting Control (ALC)
- > Two pop-up rear rollover protection bars
- > Windbreak
- > Two height-adjustable rear seat head restraints
- > Chrome-effect sports exhaust tailpipe
- > Two-tone horn
- > Electronic Stability Programme-plus (ESP-plus)



SPORT (features over TwinTop)

- > 16-inch 10-spoke alloy wheels with 205/55 R 16 ultra-low profile tyres
- > Front fog lights
- > Multi-function trip computer
- > Steering wheel mounted audio controls
- > Remote control roof operation



TWINTOP

- > 16-inch Structure wheels with 205/55 R 16 ultra-low profile tyres
- > Chrome grille and chrome boot moulding
- > Two integral rear rollover protection hoops
- > CD 30 stereo radio/CD player
- > Three-spoke leather-covered steering wheel



ALL MODELS

Safety and security features > Driver's and front passenger's airbags > Front seat side-impact airbags > Anti-lock Braking System (ABS) > Electronic Brakeforce Distribution (EBD) > Cornering Brake Control (CBC) > Emergency Brake Assist (EBA) > Height-adjustable front seat head restraints > Pyrotechnic front body-lock seatbelt pretensioner system > Front seatbelt force limiters > Pedal release system > Front brake pad wear warning > Adaptive Brake Lights (ABL) > Anti-submarining ramps in all seats > Energy-absorbing steering column > Laminated windscreen > Reinforced passenger safety cell > Inertia-reel lap and diagonal seatbelts > ISOFIX child seat restraint system for rear seats (does not include child seat) > Remote control central deadlocking > Remote control ultrasonic security alarm > Electronic theft protection for audio equipment > Folding key > Door-to-door illumination > Driver's internal central locking switch

Interior features > Multi-function display incorporating audio information, outside air temperature (including ice warning), time and date > Black instruments with chrome edging > Steering column adjustable for reach and rake > Electronic odometer and trip odometer > Instrument panel light dimmer > Rev counter > Air-conditioning > Interior pollen filter > Driver's and front passenger's seats with reach and recline adjustment > Driver's and front passenger's seat height adjusters > Lockable, split level glovebox > 12-volt auxiliary power socket within centre console > Satin Stone-effect centre console and inserts on fascia and doors > Chrome-effect internal door handles > Charcoal fleece velour carpet > Fully carpeted luggage area > Illuminated luggage area and glovebox > Front map reading lights with integral courtesy light > Driver's and front passenger's sunvisors with vanity mirrors > Fade up/fade down courtesy lighting operated by door switches > Easy Load boot access system > Rear seat centre armrest with load-through facility > Sport-style front seats

Exterior features > Electro-hydraulic retractable steel roof > Electrically operated front and rear windows > Electrically adjustable/heated door mirrors with manual fold-flat function > Body-colour bumpers, side-protection mouldings, door handles and door mirrors > Heated rear window with automatic timed cut-off > Alloy-effect door sill covers > Honeycomb grille

Astra TwinTop

Colour and trim availability

Exterior colour	Model, trim name and trim colour			
	TwinTop Alpha cloth	Sport Alpha cloth	Design Silver Alpha/Morrocana	Design Leather*
Solid				
Royal Blue	Charcoal	Charcoal	Charcoal	Charcoal or Saddle Brown
Power Red	Charcoal	Charcoal or Red	Charcoal	Charcoal
Two-coat metallic*				
Star Silver	Charcoal	Charcoal or Red	Charcoal	Charcoal or Saddle Brown
Metro Blue	–	Charcoal	Charcoal	Charcoal or Saddle Brown
Two-coat pearlescent (mica)*				
Black Sapphire	Charcoal	Charcoal or Red	Charcoal	Charcoal or Saddle Brown
Ultra Blue	–	Charcoal	Charcoal	Charcoal
Air Blue	–	Charcoal	Charcoal	Charcoal
Digital Green	–	Charcoal	Charcoal	Charcoal
Panacotta	–	Charcoal	Charcoal	Charcoal or Saddle Brown

For colour illustrations please refer to the Opel Car Range brochure, available from your Opel dealer.

– = Exterior colour is not available on this model.

* = Optional at extra cost.



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