

THE 1987 VAUXHALL Astra



Sets new standards
in its class.

- New models
- New engines
- New features

**IMPROVEMENT
HIGHLIGHTS**

ASTRAL

New features for 1987 include:

- 5-speed gearbox standard on 1600 petrol-engined models
- Tinted glass with graduated windscreen shadeband
- Rear compartment heating ducts
- Internally adjustable passenger door mirror
- Cassette storage facility

Metallie paint is at extra cost.



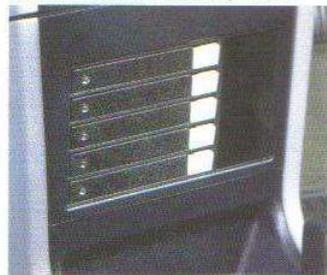
Cassette storage facility is now standard from Astra L upwards.

ASTRA MERIT

New '87 Model

New features for 1987 include:

- 60/40 split-folding rear seat on hatchbacks
- 50/50 split-folding rear seat on estates
- Dipping rear view mirror
- Front door pockets
- Trip odometer
- Internally adjustable passenger door mirror
- Merit decal badging



Metallie paint is at extra cost.

ASTRA GTE 2.0i 3-door Hatch

Here's an Astra to set the pulses racing not only with its tremendous performance

**Diesel power
for GL now available**

ASTRA GL

New features for 1987 include:

- 5-speed gearbox
- Central door locking
- Cassette storage facility
- 1600 diesel engine available



Metallic paint is at extra cost.



**Available
Spring '87**



Sunroof is at extra cost.

thrust, but also in its sheer style and combination of features that matter to the sports-minded driver. At the heart of this high performance Astra is GM's newly-developed 2.0i engine incorporating the latest type of Bosch fuel injection as part of the advanced Motronic Engine

Management System. Building on the strengths of its predecessor, these are just a few of the new GTE's highlights in addition to the new engine. More detailed specification information will be available later.

- Alloy wheels
- 185/65 VR 14 tyres
- Front fog lamps
- Up-rated front disc brakes and brake servo
- New exhaust system tuned for minimum back pressure
- New engine mounts for improved refinement
- Additional noise insulation
- Revised seat trim with red piping
- Cassette storage facility



ASTRA SRi

With its new 1800 fuel-injected engine and the availability of three and five door body styles, the 1987 SRi allies scorching performance and stylish looks with family accommodation.

**New '87
Model**

New exterior features include:

- Body-coloured rear spoiler and door mirror housings
- Red inserts to front/rear bumpers and side mouldings
- Electrically adjustable and heated door mirrors
- Flush wheel covers
- Black B and C-pillars

- Available in five colours – Polar White, Carmine Red, Black, Midnight Blue metallic and Silver metallic, and all come with a grey interior

New interior features include:

- Plaid cloth door trim inserts
- Grey fleece-velour carpet
- Cassette storage facility

Standard equipment already includes:

- Sports front seats
- Stereo radio/stereo cassette player with four speakers
- Sports instrumentation
- 60/40 split-folding rear seat
- Close ratio 5-speed gearbox
- Tinted glass
- Headlamp high pressure washers
- Ultra-low profile tyres
- Up-rated suspension and many more features.

1987 ASTRA RANGE HIGHLIGHTS

New SRi models, new Merit price-leaders, new engines, more diesels and for Spring 1987 a new, more powerful 2.0 litre GTE all confirm the Astra as the most progressive range in its class.

For 1987 in comes an exciting new addition to the Astra range, the new **Astra SRi**. What's more, it comes in two body styles: a three-door hatch plus a 5-door hatch designed for sports-minded drivers with family needs. And both are in the extra-fast league with a new 1800 fuel-injected engine. This is a second-generation version of GM's famed 1800i unit, already noted for its smooth power delivery and economy.

In comes new Astra value with the complete upgrading of Astra price-leaders to become **Astra Merits**, complete with such attractions as split-folding rear seat, front door pockets and a host of other worthwhile improvements.

In comes even more sophistication for **Astra L and GL** models to enhance their appeal and endorse their value. And both are available with the **new 1600 engine** giving lively acceleration and impressive economy.

In come no less than **five new diesel Astras** – including two estates – to bring the total diesel choice to eight models – a move reflecting the wider appreciation of diesel power advantages. What's more, the 1600 diesel unit has been extensively revised and now has considerably improved fuel economy. Also the **new Astra 1600D GL Hatch** visibly raises the comfort and status of the diesel car.

The New Year will also see the introduction of the hottest hatch that has ever carried a Vauxhall badge – the **new 2.0 litre Astra GTE**. New engine, new features – in fact an entirely new performance package – mark this exciting Astra which will be available in Spring 1987.

And refinements right across the range include asbestos-free rear brake linings, complementing the asbestos-free front pads. In addition, electrics receive a boost with a more powerful 55amp alternator (SRi and GTE models 65 amp) and all models have the latest dim-dip headlights and three rear seat belts, consisting of two inertia reel belts and one centre static lap belt.

1987 ASTRA RANGE

Hatchbacks

* Merit 1200	3-dr	L	1600D	5-dr
* Merit 1200	5-dr	GL	1300	5-dr
* Merit 1300	3-dr	GL	1600	5-dr
* Merit 1300	5-dr	* GL	1600D	5-dr
* Merit 1600D	3-dr	* SRi	1800i	3-dr
* Merit 1600D	5-dr	* SRi	1800i	5-dr
L	1300	+ GTE	2.0i	3-dr
L	1300			5-dr
L	1600			5-dr
* L	1600D			3-dr

Estates

* Merit 1300	3-dr	* New model for 1987
* Merit 1300	5-dr	+ Available Spring 1987
* Merit 1600D	3-dr	
* Merit 1600D	5-dr	
L	1300	5-dr
L	1600	5-dr
L	1600D	5-dr



For full specification and technical details of the Astra Range please read this brochure in conjunction with the Vauxhall-Opel Range Catalogue, June-October, '86 edition

GM's engine know-how is nowhere better illustrated than in the wide range of power units available for the Astra range. Even the smallest in capacity, the 1200, has that special GM characteristic of feeling like an engine a size up. And that the same applies to the sparkling 1300 has been well documented by the motoring press. And endorsing their modernity, all current Astra engines can run on lead-free petrol. Only a very minor adjustment to the ignition timing may be necessary to ensure the customary smooth running.

Now GM engine technology is displayed yet again with the introduction of no less than three new units - 1600, 1800i and 2.0i. All feature in the new 1987 Astra range together with the extensively modified 1600 diesel unit; all have a range of improvements aimed at creating impressive refinement.

How the Astra owner benefits

These were just a few of the principal objectives set for the new petrol engines:

- Improved fuel economy
- Increased torque developed at lower revs for better driveability

- Maximum power developed at lower revs
- Idling speed lowered
- Reduced engine vibration for smoother running and response
- Quicker engine warm-up characteristics
- Reduced friction losses
- Full compliance with new EEC regulations

New 1600 engine

Designed to the Low End Torque (LET) principle - which means shifting maximum power and torque lower down the rev range - and employing a Microprocessor Spark Timing System (MSTS) allied to a new Pierburg 2E 3 carburettor with automatic choke, this 1600 unit endows the Astra with a smoother performance, improved acceleration and impressive high speed cruising.

Economy too shows worthwhile improvements: in the Urban Cycle of the DoT

tests the new Astra 1600 Hatchback shows a gain of 4.4 mpg and at a steady 56 mph an improvement of 3.3 mpg compared with its predecessor.

New 1800i

For power, smoothness and reliability the GM 1800i is widely acknowledged as among the very best. The second generation version of this famous unit, now extensively re-designed, builds on those features and incorporates the latest Bosch L3 Jetronic fuel injection system.

Like its 1600 stablemate, it's torque-optimised - more power lower down the rev range making for extra-quick response. Several of its new features contribute to fast burn rates, which in turn mean improved overall performance efficiency with even better fuel economy in stop-start traffic conditions.

Maximum power is 112PS at 5600rpm, with maximum

torque of 116.5lb.ft. developed at a low 3000rpm.

New 2.0i

A 'clean sheet' design, this all-new engine powering the GTE features the advanced Bosch Motronic engine management system.

The new Bosch 'Phase 2' Motronic fitted to this engine is a digital microcomputer system that is both highly sophisticated and reliable.

Its multi-monitoring of engine functions gives extremely accurate readings that translate into total engine operating efficiency. And a self-diagnostic capability is an integral part of the system which not only alerts to any failure, but is also self-compensating to allow the car to continue being driven despite any unlikely malfunction of the Motronic system.

Super-economy diesels

The latest version of GM's advanced 1600 diesel engine benefits from modifications to the exhaust system and camshaft, coupled with improved combustion characteristics, to improve overall refinement as well as fuel economy.

Summary of the new 1600/1800i Astra engines.

Engine	Power PS@rpm	Torque lb.ft.@rpm	Fuel System	Max. Speed mph
1600	82@5400	95.9@2600	Pierburg 2E 3 Carburettor with auto. choke.	109
1800i	112@5600	116.5@3000	Bosch L3 Jetronic fuel injection.	123

DoT FUEL CONSUMPTION TESTS mpg (Litres/100km)

		Simulated			Constant Speed				
		Urban Driving	56mph (90km/h)	75mph (120km/h)	56mph (90km/h)	75mph (120km/h)			
1200 Hatch	(4-M)	33.6(8.4)	55.4(5.1)	42.0(6.7)	1600 Estate	(5-M)	33.2(8.5)	57.6(4.9)	42.8(6.6)
1200 Hatch	(5-M)	32.8(8.6)	58.8(4.8)	44.0(6.4)	1600 Estate	(3-A)	32.5(8.7)	45.6(6.2)	33.6(8.4)
1300 Hatch	(4-M)	32.5(8.7)	54.3(5.2)	42.0(6.7)	1600D Hatch	(4-M)	44.8(6.3)	65.7(4.3)	46.3(6.1)
1300 Hatch	(5-M)	31.7(8.9)	56.5(5.0)	43.6(6.5)	1600D Hatch	(5-M)	42.8(6.6)	68.9(4.1)	48.7(5.8)
1300 Hatch	(3-A)	30.0(9.4)	45.5(6.2)	36.7(7.7)	1600D Estate	(4-M)	42.8(6.6)	58.9(4.8)	42.2(6.7)
1300 Estate	(4-M)	31.7(8.9)	51.4(5.5)	38.7(7.3)	1600D Estate	(5-M)	42.8(6.6)	64.2(4.4)	46.3(6.1)
1300 Estate	(5-M)	31.7(8.9)	54.3(5.2)	40.9(6.9)	1800i Hatch	(5-M)	27.4(10.3)	50.4(5.6)	39.2(7.2)
1300 Estate	(3-A)	30.0(9.4)	44.8(6.3)	34.9(8.1)					
1600 Hatch	(5-M)	33.2(8.5)	57.6(4.9)	42.8(6.6)					
1600 Hatch	(3-A)	32.5(8.7)	47.9(5.9)	35.8(7.9)					

4-M = 4-speed manual transmission 5-M = 5-speed manual transmission 3-A = 3-speed automatic transmission

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