Model year:	2006
Date:	09/2005
Engine data	
Engine:	1.8 ECOTEC
Engine, location:	front, transverse in front of axle, 7° 50' forward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	80.5
Stroke (mm):	88.2
Displacement (cc):	1796
Compression ratio:	10.5:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	cast iron/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt
Valve train:	hydraulic bucket tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	automatic - hydraulic
Fuel system: Ignition system:	sequential multi point fuel injection electr. ignition map, ignition coil direct to spark plug
Fuel pump:	electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	90/122 at 6000
Specific power (kW/I; hp/I):	50.1; 67.9
Max. torque (Nm at 1/min):	167 at 3800
Specific torque (Nm/liter):	93.0
Mean effective pressure at	
max. power/max. torque (kPa):	1002.2/1169.0
Average piston speed (m/s):	17.6
Engine oil, capacity (I):	4.25
Cooling capacity (I):	5.5
Battery 12 V, capacity (Ah): Alternator 14.2 V, capacity (W):	55 1704
	1704
Transmission	
Drive axle:	front wheel drive
Transmission, type:	5-speed manual
Gear ratios:	1st ratio: 3.73 2nd ratio: 2.14 3rd ratio: 1.41
	4th ratio: 1.12 5th ratio: 0.89
Clutch time.	reverse ratio: 3.31 final drive ratio: 3.94
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c₀):	0.32+
Frontal area (A in m²):	2.23
ndex (c _w xA):	0.71*
IDS Chassis	
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts
·	gas pre-loaded struts
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,
A .:	coil springs, gas-filled shock absorbers
Anti roll bar:	front + rear
Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 285
Brakes rear, diameter (mm):	solid disc, 278
Brakes rear, diameter (mm): ABS: -C. Plus:	solid disc, 278 standard equipment

standard equipment

standard equipment

TC Plus:

ESP Plus:

Weights and dimensions

Length (mm): 4839 1798 Width (mm): 1500 Height (mm): 2830 Wheelbase (mm): Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 1175 (max. 2046) Cargo-area length (mm): Cargo-area width (mm): 1060 (max. 1079)

Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size: 6.5Jx15/195/65 R15 up to 240 km/h category V

Turning clearance circle/turning circle (m): 11.90/11.15

Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hydr. power steering, 15.2

Steering wheel outside diameter (mm): 380

Kerb weight/max. allowable weight/additional load (kg): 1475/2030/555 Power to weight ratio (kg/kW; kg/hp)(empty): 16.4; 12.1 Max. axle load front/rear (kg): 950/1100 Trailer load braked/unbraked (kg): 1300/735

Trailer hook weight/roof load (kg): 85/75

Fuel tank capacity (I), location: 60. under rear seats

Performance

Top speed (km/h)*: 199 Acceleration 0-100 km/h (sec)*: 12 Acc. 80-120 km/h in 5th gear (sec)*: 15.7 Pass-by noise (dBA): 72

Fuel: unleaded premium 95 RON

Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.

Additional equipment can lead to increased

consumption and CO2 values. urban: 11 - 11.1 extra-urban: 6.1 - 6.2 total: 7.9 - 8.0

CO2 emission (g/km): 190 - 192 Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;

interim service with oil exchange after 12 months or

30.000 km

* Basic model

Vactua Ctation Ma

Vectra Station Wagon 1.9 CDTI	74kW/100hp 6-speed station wagon 5 doors		
Model year:	2006	Brakes	
Date:	09/2005		0 diamond
		Brake circuits: Brakes front, diameter (mm):	2, diagonal ventilated disc, 285
Engine data		Brakes rear, diameter (mm):	solid disc, 278
Engine:	1.9 CDTI ECOTEC	ABS:	standard equipment
Engine, location:	front, transverse in front of axle, 17° 24' forward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number:	4	201 1 100.	otandara oquipmont
Bore (mm):	82	Weights and dimensions	
Stroke (mm):	90.4		
Displacement (cc):	1910	Length (mm):	4839
Compression ratio:	18:1	Width (mm):	1798
Engine, type:	in line; 5 main bearings	Height (mm):	1500
Cylinder block/head, material:	cast iron/aluminum	Wheelbase (mm):	2830
Camshaft(s), location:	1 overhead (OHC), driven by toothed belt	Overhang front/rear: Track front/rear (mm):	920/1089 1536/1525
Valve train:	bucket tappets	Cargo-area volume (m³) ECIE:	530-1850
Valve, arrangement:	parallel; 2 per cylinder	Cargo-area length (mm):	1175 (max. 2046)
Valve adjustment:	automatic - hydraulic	Cargo-area width (mm):	1060 (max. 1079)
Fuel system:	diesel direct injection, common rail	Cargo-area height (mm):	841
Fuel pump:	mecanical oxidizing catalytic converter, diesel	Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 up to 210 km/h category H
Emission control system:	particulate filter	Turning clearance circle/turning circle (m):	11.90/11.15
Charger system:	turbo with intercooler	Steer. wheel turns lock/lock:	2.75
Output (kW/hp CEE at 1/min):	74/100 at 3500-4000	Steering, ratio:	electrhydr. power steering, 15.2
Specific power (kW/I; hp/I):	38.7: 52.4	Steering wheel outside diameter (mm):	380
Max. torque (Nm at 1/min):	260 at 1700-2500	Kerb weight/max. allowable weight/additional load (kg)	: 1585/2140/555
Specific torque (Nm/liter):	136.1	Power to weight ratio (kg/kW; kg/hp)(empty):	21.4; 15.9
Mean effective pressure at		Max. axle load front/rear (kg):	1070/1100
max. power/max. torque (kPa):	1328.3/1711.4	Trailer load braked/unbraked (kg):	1400/750
Average piston speed (m/s):	10.5	Trailer hook weight/roof load (kg):	85/75
Engine oil, capacity (I):	4.3	Fuel tank capacity (I), location:	60, under rear seats
Cooling capacity (I):	7.5		
Battery 12 V, capacity (Ah):	70	Performance	
Alternator 14.2 V, capacity (W):	1420	Top speed (km/h)*:	182
		Acceleration 0-100 km/h (sec)*:	13.9
Transmission		Acc. 80-120 km/h in 5th gear (sec)*:	14.8
Drive axle:	front wheel drive	Pass-by noise (dBA):	73
Transmission, type:	6-speed manual	Fuel:	Diesel
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
	4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61		Additional equipment can lead to increased
	reverse ratio: 3.55 final drive ratio: 3.35		consumption and CO ₂ values.
Clutch, type:	dry single plate		urban: 7.6 - 7.7
•			extra-urban: 4.9 - 5.0
Body		00	total: 5.9 - 6.0
Seats:	5	CO ₂ emission (g/km):	159 - 162
Drag coefficient (c_):	0.32*	Emission class:	Euro 4
Frontal area (A in m²):	2.23	NA-1-1	
Index (c "xA):	0.71+	Maintenance	
maox (o _w /a t).	0.11	Service intervals:	General inspection after 24 months or 60.000 km;
IDS Chassis			interim service with oil exchange after 12 months of
			30.000 km
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,		
NA# 1	gas pre-loaded struts		
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,	* Basic model	
Anti roll bar:	coil springs, gas-filled shock absorbers front + rear	* Kerb weight (70156 EEC) and 125 kg payload	
Allu IVII Dal.	IIOIIL T IGAI	Specifications may differ outside Germany	

^{*} Basic model
* Kerb weight (70156 EEC) and 125 kg payload
Specifications may differ outside Germany

Vectra Station Wagon 1.9 CDTI 88kW/120hp 6-speed station wagon 5 doors

Model year:	2006	Brakes	
Date:	09/2005	Brake circuits:	2, diagonal
Engine data		Brakes front, diameter (mm):	ventilated disc, 285
Engine:	1.9 CDTI ECOTEC	Brakes rear, diameter (mm): ABS:	solid disc, 278 standard equipment
Engine, location:	front, transverse in front of axle, 17° 24' forward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number: Bore (mm):	4 82		
Stroke (mm):	90.4	Weights and dimensions	
Displacement (cc):	1910	Length (mm):	4839
Compression ratio:	18:1	Width (mm):	1798 1500
Engine, type: Cylinder block/head, material:	in line; 5 main bearings cast iron/aluminum	Height (mm): Wheelbase (mm):	2830
Camshaft(s), location:	1 overhead (OHC), driven by toothed belt	Overhang front/rear:	920/1089
Valve train:	direct, bucket tappets	Track front/rear (mm):	1536/1525
Valve, arrangement:	in line; 2 per cylinder	Cargo-area volume (m³) ECIE: Cargo-area length (mm):	530-1850 1175 (max. 2046)
Valve adjustment:	mecanical	Cargo-area width (mm):	1060 (max. 1079)
Fuel system: Fuel pump:	diesel direct injection, common rail high pressure, mechanical	Cargo-area height (mm):	841
Emission control system:	2-way cat. conv. (oxidizing catalytic	Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 up to 210 km/h category H
	converter), exhaust gas recirculation, diesel	Turning clearance circle/turning circle (m): Steer. wheel turns lock/lock:	11.90/11.15 2.75
Chargar avatam:	particulate filter turbo with intercooler	Steering, ratio:	electrhydr. power steering, 15.2
Charger system: Output (kW/hp CEE at 1/min):	88/120 at 3500-4000	Steering wheel outside diameter (mm):	380
Specific power (kW/I; hp/I):	46.1; 62.8	Kerb weight/max. allowable weight/additional load (kg	
Max. torque (Nm at 1/min):	280 at 2000-2750	Power to weight ratio (kg/kW; kg/hp)(empty): Max. axle load front/rear (kg):	18.0; 13.2 1070/1100
Specific torque (Nm/liter): Mean effective pressure at	146.6	Trailer load braked/unbraked (kg):	1500/750
max. power/max. torque (kPa):	1579.7/1843.0	Trailer hook weight/roof load (kg):	85/75
Average piston speed (m/s):	10.5	Fuel tank capacity (I), location:	60, under rear seats
Engine oil, capacity (I):	4.3	Dayfayyaaa	
Cooling capacity (I): Battery 12 V, capacity (Ah):	7.5 70	Performance	
Alternator 14.2 V, capacity (W):	1420	Top speed (km/h)*: Acceleration 0-100 km/h (sec)*:	195 11.9
, , , ,		Acc. 80-120 km/h in 5th gear (sec)*:	13.4
Transmission		Pass-by noise (dBA):	73
Drive axle:	front wheel drive	Fuel:	Diesel
Transmission, type:	6-speed manual	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU. Additional equipment can lead to increased
Gear ratios:	1st ratio: 3.82 2nd ratio: 2.05 3rd ratio: 1.30 4th ratio: 0.96 5th ratio: 0.74 6th ratio: 0.61		consumption and CO ₂ values.
	reverse ratio: 3.55 final drive ratio: 3.35		urban: 7.6 . 7.7
Clutch, type:	dry single plate		extra-urban: 4.9 - 5.0
		CO ₂ emission (g/km):	total: 5.9 - 6.0 159 - 162
Body		Emission class:	Euro 4
Seats:	5		
Drag coefficient (c _。): Frontal area (A in m²):	0.32 ⁺ 2.23	Maintenance	
Index (c "xA):	0.71*	Service intervals:	General inspection after 24 months or 60.000 km;
	***		interim service with oil exchange after 12 months or
IDS Chassis			30.000 km
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,		
	gas pre-loaded struts	* Basic model	
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm, coil springs, gas-filled shock absorbers	* Kerb weight (70156 EEC) and 125 kg payload	
Anti roll bar:	front + rear	Specifications may differ outside Germany	
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Vectra Station Wagon 1.9 CDTI 110kW/150hp 6-speed station wagon 5 doors

vectra Station wagon 1.9 cm	TI 110kW/150hp 6-speed station wagon 5 doors		
Model year:	2006	Brakes	
Date:	09/2005		
		Brake circuits:	2, diagonal ventilated disc, 285
Engine data		Brakes front, diameter (mm): Brakes rear, diameter (mm):	solid disc, 278
Engine:	1.9 CDTI ECOTEC	ABS:	standard equipment
Engine, location:	front, transverse in front of axle, 17° 24' forward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number:	4		
Bore (mm):	82	Weights and dimensions	
Stroke (mm):	90.4	Length (mm):	4839
Displacement (cc):	1910	Width (mm):	1798
Compression ratio: Engine, type:	17.5:1 in line; 5 main bearings	Height (mm):	1500
Cylinder block/head, material:	cast iron/aluminum	Wheelbase (mm):	2830
Camshaft(s), location:	2 overhead (DOHC), driven by toothed belt	Overhang front/rear:	920/1089
Valve train:	indirect, roller cam followers	Track front/rear (mm):	1536/1525
Valve, arrangement:	in line; 4 per cylinder	Cargo-area volume (m³) ECIE:	530-1850
Valve adjustment:	hydraulic	Cargo-area length (mm):	1175 (max. 2046)
Fuel system:	diesel direct injection, common rail	Cargo-area width (mm):	1060 (max. 1079)
Fuel pump:	high pressure, mechanical	Cargo-area height (mm):	841
Emission control system:	2-way cat. conv. (oxidizing catalytic	Rim width (inch)(mm)/tire size: Turning clearance circle/turning circle (m):	6.5Jx15/195/65 R15 up to 210 km/h category H 11.90/11.15
	converter), exhaust gas recirculation, diesel	Steer. wheel turns lock/lock:	2.75
Charger avatemy	particulate filter turbo with intercooler	Steering, ratio:	electrhydr. power steering, 15.2
Charger system: Output (kW/hp CEE at 1/min):	110/150 at 4000	Steering wheel outside diameter (mm):	380
Specific power (kW/I; hp/I):	57.6; 78.5	Kerb weight/max. allowable weight/additional load (kg	
Max. torque (Nm at 1/min):	320 at 2000-2750	Power to weight ratio (kg/kW; kg/hp)(empty):	14.5; 10.7
Specific torque (Nm/liter):	167.5	Max. axle load front/rear (kg):	1085/1100
Mean effective pressure at		Trailer load braked/unbraked (kg):	1500/750
max. power/max. torque (kPa):	1727.7/2106.3	Trailer hook weight/roof load (kg):	85/75
Average piston speed (m/s):	12.1	Fuel tank capacity (I), location:	60, under rear seats
Engine oil, capacity (I):	4.3	Dealerman	
Cooling capacity (I):	7.5	Performance	
Battery 12 V, capacity (Ah): Alternator 14.2 V, capacity (W):	70 1420	Top speed (km/h)*:	210
Alternator 14.2 v, capacity (vv).	1420	Acceleration 0-100 km/h (sec)*:	10.3
Transmission		Acc. 80-120 km/h in 5th gear (sec)*:	10.4
		Pass-by noise (dBA): Fuel:	73 Diesel
Drive axle:	front wheel drive	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
Transmission, type:	6-speed manual	i dei consumption (illei/100 km).	Additional equipment can lead to increased
Gear ratios:	1st ratio: 3.77 2nd ratio: 2.04 3rd ratio: 1.32 4th ratio: 0.95 5th ratio: 0.76 6th ratio: 0.62		consumption and CO ₂ values.
	reverse ratio: 3.54 final drive ratio: 3.54		urban: 7.6 - 7.7
Clutch, type:	dry single plate		extra-urban: 4.9 - 5.0
0.0.0., 1,50.	ary ornigio plato		total: 5.9 - 6.0
Body		CO ₂ emission (g/km):	159 - 162
Seats:	5	Emission class:	Euro 4
Drag coefficient (c _s):	0.32 ⁺	.	
Frontal area (A in m²):	2.23	Maintenance	
Index (c _xA):	0.71+	Service intervals:	General inspection after 24 months or 60.000 km;
, (, w ,			interim service with oil exchange after 12 months or
IDS Chassis			30.000 km
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,		
wheel suspension none.	gas pre-loaded struts	* Basic model	
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,	* Kerb weight (70156 EEC) and 125 kg payload	
	coil springs, gas-filled shock absorbers	Specifications may differ outside Germany	
Anti roll bar:	front + rear	Specifications may affect outside Confiding	

Specifications may differ outside Germany

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Vectra Station Wagon 1.9 CDT	1 110kW/150hp 6-speed autom. station wagon 5 doors		
Model year:	2006	Brakes	
Date:	09/2005	Brake circuits:	2, diagonal
		Brakes front, diameter (mm):	ventilated disc. 285
Engine data		Brakes rear, diameter (mm):	solid disc, 278
Engine:	1.9 CDTI ECOTEC	ABS:	standard equipment
Engine, location:	front, transverse in front of axle, 17° 24' forward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number:	4		
Bore (mm):	82	Weights and dimensions	
Stroke (mm):	90.4	Length (mm):	4839
Displacement (cc):	1910	Width (mm):	1798
Compression ratio:	17.5:1	Height (mm):	1500
Engine, type:	in line; 5 main bearings	Wheelbase (mm):	2830
Cylinder block/head, material:	cast iron/aluminum 2 overhead (DOHC), driven by toothed belt	Overhang front/rear:	920/1089
Camshaft(s), location: Valve train:	indirect, roller cam followers	Track front/rear (mm):	1536/1525
Valve, arrangement:	in line; 4 per cylinder	Cargo-area volume (m³) ECIE:	530-1850
Valve adjustment:	hydraulic	Cargo-area length (mm):	1175 (max. 2046)
Fuel system:	diesel direct injection, common rail	Cargo-area width (mm):	1060 (max. 1079)
Fuel pump:	high pressure, mechanical	Cargo-area height (mm):	841
Emission control system:	2-way cat. conv. (oxidizing catalytic	Rim width (inch)(mm)/tire size:	6.5Jx15/195/65 R15 up to 210 km/h category H
,	converter), exhaust gas recirculation, diesel	Turning clearance circle/turning circle (m):	11.90/11.15
	particulate filter	Steer. wheel turns lock/lock:	2.75
Charger system:	turbo with intercooler	Steering, ratio:	electrhydr. power steering, 15.2
Output (kW/hp CEE at 1/min):	110/150 at 4000	Steering wheel outside diameter (mm):	380
Specific power (kW/l; hp/l):	57.6; 78.5	Kerb weight/max. allowable weight/additional load (kg) Power to weight ratio (kg/kW; kg/hp)(empty):	14.7; 10.8
Max. torque (Nm at 1/min):	320 at 2000-2750	Max. axle load front/rear (kg):	1110/1100
Specific torque (Nm/liter):	167.5	Trailer load braked/unbraked (kg):	1500/750
Mean effective pressure at	1727.7/2106.3	Trailer hook weight/roof load (kg):	85/75
max. power/max. torque (kPa): Average piston speed (m/s):	121.1/2106.3	Fuel tank capacity (I), location:	60, under rear seats
Engine oil, capacity (I):	4.3	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
Cooling capacity (I):	7.5	Performance	
Battery 12 V, capacity (Ah):	70		200
Alternator 14.2 V, capacity (W):	1704	Top speed (km/h)*: Acceleration 0-100 km/h (sec)*:	208 10.5
		Pass-by noise (dBA):	71
Transmission		Fuel:	Diesel
Drive axle:	front wheel drive	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
Transmission, type:	automatic with ActiveSelect	,	Additional equipment can lead to increased
Gear ratios:	1st ratio: 4.15 2nd ratio: 2.37 3rd ratio: 1.56		consumption and CO ₂ values.
Codi Talioc.	4th ratio: 1.16 5th ratio: 0.86 6th ratio: 0.69		urban: 9.6 - 9.7
	reverse ratio: 3.39 final drive ratio: 2.67		extra-urban: 5.5 - 5.6
			total: 7.0 - 7.1
Body		CO ₂ emission (g/km):	189 - 182
Seats:	5	Emission class:	Euro 4
Drag coefficient (c _x):	0.32 ⁺		
Frontal area (A in m²):	2.23	Maintenance	
Index (c "xA):	0.71*	Service intervals:	General inspection after 24 months or 60.000 km;
maox (o _w x t).	0.77		interim service with oil exchange after 12 months or
IDS Chassis			30.000 km
	independent wishbons on subfrage - M-Di		
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts, gas pre-loaded struts	* Designated	
Wheel suspension rear:	gas pre-loaded struts multi-link suspension, 3 transverse+1longitudinal arm,	* Basic model	
whice suspension real.	coil springs, gas-filled shock absorbers	* Kerb weight (70156 EEC) and 125 kg payload Specifications may differ outside Germany	
Anti roll bar:	front + rear	Specifications may unler outside Germany	

^{*} Basic model
* Kerb weight (70156 EEC) and 125 kg payload
Specifications may differ outside Germany

Vectra Station Wagon	2.0 Turbo 129kW/175hp 6-speed station wagon 5 doors
Model year: Date:	2006 09/2005
Engine data	
Engine:	2.0 Turbo ECOTEC
Engine, location:	front, transverse in front of axle, 10° backward inclined
Cooling system:	with liquid, sealed circuit
Cylinders, number:	4
Bore (mm):	86
Stroke (mm):	86
Displacement (cc):	1998
Compression ratio:	9.5:1
Engine, type: Cylinder block/head, material:	in line; 5 main bearings aluminum/aluminum
Camshaft(s), location:	2 overhead (DOHC), driven by chain
Valve train:	roller rocker with hydraulic bucket tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	automatic - hydraulic
Fuel system:	sequential multi point fuel injection
Ignition system:	electr. ignition map, ignition coil direct to spark plug
Fuel pump:	electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	129/175 at 5500
Specific power (kW/l; hp/l):	64.6; 87.6
Max. torque (Nm at 1/min): Specific torque (Nm/liter):	265 at 2500 132.6
Mean effective pressure at	132.0
max. power/max. torque (kPa):	1408.7/1667.5
Average piston speed (m/s):	15.8
Engine oil, capacity (I):	6
Cooling capacity (I):	7.5
Battery 12 V, capacity (Ah):	66
Alternator 14.2 V, capacity (W):	1704
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.77 2nd ratio: 2.04 3rd ratio: 1.37
	4th ratio: 1.04 5th ratio: 0.85 6th ratio: 0.71
	reverse ratio: 3.54 final drive ratio: 3.91
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _s):	0.32 ⁺
Frontal area (A in m²):	2.23
Index (c _w xA):	0.71*
IDS Chassis	
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,
Wheel suspension from:	gas pre-loaded struts
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,
•	coil springs, gas-filled shock absorbers
Anti roll bar:	front + rear
Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 302
Brakes rear, diameter (mm):	solid disc, 292
ABS:	standard equipment
TC Plus:	standard equipment

standard equipment

standard equipment

TC Plus:

ESP Plus:

Weights and dimensions

Length (mm): 4839 1798 Width (mm): 1500 Height (mm): 2830 Wheelbase (mm): Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 1175 (max. 2046) Cargo-area length (mm): Cargo-area width (mm): 1060 (max. 1079)

Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size: 6.5Jx16/215/55 R16 V

Turning clearance circle/turning circle (m): 11.90/11.15 Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hydr. power steering, 15.2

Steering wheel outside diameter (mm): 380

Kerb weight/max. allowable weight/additional load (kg): 1570/2125/555 Power to weight ratio (kg/kW; kg/hp)(empty): 12.2; 9.0 Max. axle load front/rear (kg): 1040/1100 Trailer load braked/unbraked (kg): 1700/750

Trailer hook weight/roof load (kg): 85/75 Fuel tank capacity (I), location: 60. under rear seats

Performance

Top speed (km/h)*: 224 Acceleration 0-100 km/h (sec)*: 9.4 Acc. 80-120 km/h in 5th gear (sec)*: 10 Pass-by noise (dBA): 73

Fuel: unleaded premium

Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.

Additional equipment can lead to increased

consumption and CO2 values. urban: 12.7 - 12.8 extra-urban: 6.5 - 6.6 total: 8.8 - 8.9

CO2 emission (g/km): 211 - 214 Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;

interim service with oil exchange after 12 months or

30.000 km

* Basic model

ors

Vectra Station Wagon	2.2 DIRECT 114kW/155hp 6-speed station wagon 5 door
Model year: Date:	2006 09/2005
Engine data	
Engine:	2.2 DIRECT ECOTEC
Engine. Engine, location:	front, transverse in front of axle, 10° backward inclined
Cooling system:	with liquid, sealed circuit
	4
Cylinders, number:	4 86
Bore (mm):	94.6
Stroke (mm):	
Displacement (cc):	2198 12:1
Compression ratio:	
Engine, type:	in line; 5 main bearings aluminum/aluminum
Cylinder block/head, material: Camshaft(s), location:	2 overhead (2 DOHC), driven by chain
Valve train:	indirect, roller cam followers
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	automatic - hydraulic
Fuel system:	gasoline direct injection
Ignition system:	electr. ignition map, ignition coil direct to spark plug
Fuel pump:	electric, in tank; mecanical at cylinder head
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	114/155 at 5600
Specific power (kW/l; hp/l):	51.9; 70.5
Max. torque (Nm at 1/min):	220 at 3800
Specific torque (Nm/liter):	100.1
Mean effective pressure at	4444 4/4050 0
max. power/max. torque (kPa):	1111.4/1258.3 17.7
Average piston speed (m/s):	5
Engine oil, capacity (I):	7.2
Cooling capacity (I):	7.2
Battery 12 V, capacity (Ah): Alternator 14.2 V, capacity (W):	1704
Transmission	
Drive axle:	front wheel drive
Transmission, type: Gear ratios:	6-speed manual 1st ratio: 3.82 2nd ratio: 2.16 3rd ratio: 1.48
Geal Tallos.	4th ratio: 1.07 5th ratio: 0.88 6th ratio: 0.74
	reverse ratio: 3.55 final drive ratio: 3.83
Clutch, type:	dry single plate
Clutch, type.	dry sirigle plate
Body	
Seats:	5
Drag coefficient (c _n):	0.32+
Frontal area (A in m2):	2.23
Index (c _w xA):	0.71*
IDC Chassis	
IDS Chassis	
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,
	gas pre-loaded struts
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,
Anti roll bar:	coil springs, gas-filled shock absorbers front + rear
Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 285
Brakes rear, diameter (mm):	solid disc, 278
ABS: TC Plus:	standard equipment
TC Plus:	standard equipment

standard equipment

ESP Plus:

Weights and dimensions

Length (mm): 4839 1798 Width (mm): 1500 Height (mm): 2830 Wheelbase (mm): Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 Cargo-area length (mm): 1175 (max. 2046) Cargo-area width (mm): 1060 (max. 1079)

Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size: 6.5Jx16/215/55 R16 H

Turning clearance circle/turning circle (m): 11.90/11.15

Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hydr. power steering, 15.2

Steering wheel outside diameter (mm): 380

Kerb weight/max. allowable weight/additional load (kg): 1503/2085/582 Power to weight ratio (kg/kW; kg/hp)(empty): 13.2; 9.7 Max. axle load front/rear (kg): 1000/1100 Trailer load braked/unbraked (kg): 1600/750 Trailer hook weight/roof load (kg): 85/75

Fuel tank capacity (I), location: 60. under rear seats

Performance

Top speed (km/h)*: 210 Acceleration 0-100 km/h (sec)*: 9.6 Acc. 80-120 km/h in 5th gear (sec)*: 13.3 Pass-by noise (dBA): 73

Fuel: unleaded premium 95 RON

Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.

Additional equipment can lead to increased

consumption and CO2 values. urban: 10.6 - 10.7 extra-urban: 6.2 - 6.3 total: 7.8 - 7.9

CO2 emission (g/km): 187 - 190 Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;

interim service with oil exchange after 12 months or

30.000 km

* Basic model

5 doors

Vectra Station Wagon	2.2 DIRECT 114kW/155hp 5-speed autom. station wagon 5
Model year: Date:	2006 09/2005
Engine data	
Engine:	2.2 DIRECT ECOTEC
	front, transverse in front of axle, 10° backward inclined
Engine, location:	
Cooling system:	with liquid, sealed circuit 4
Cylinders, number:	86
Bore (mm):	
Stroke (mm):	94.6
Displacement (cc):	2198
Compression ratio:	12:1
Engine, type:	in line; 5 main bearings
Cylinder block/head, material:	aluminum/aluminum
Camshaft(s), location:	2 overhead (2 DOHC), driven by chain
Valve train:	indirect, roller cam followers
Valve, arrangement:	v; 4 per cylinder
Valve adjustment:	automatic - hydraulic
Fuel system:	gasoline direct injection
Ignition system:	electr. ignition map, ignition coil direct to spark plug
Fuel pump:	electric, in tank; mecanical at cylinder head
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	114/155 at 5600
Specific power (kW/l; hp/l):	51.9; 70.5
Max. torque (Nm at 1/min):	220 at 3800
Specific torque (Nm/liter):	100.1
Mean effective pressure at	
max. power/max. torque (kPa):	1111.4/1258.3
Average piston speed (m/s):	17.7
Engine oil, capacity (I):	5
Cooling capacity (I):	7.4
Battery 12 V, capacity (Ah):	72
Alternator 14.2 V, capacity (W):	1704
Transmission	
Drive axle:	front wheel drive
Transmission, type:	automatic with ActiveSelect
Gear ratios:	1st ratio: 4.68 2nd ratio: 2.94 3rd ratio: 1.92
Geal fallos.	4th ratio: 1.30 5th ratio: 1.00
	reverse ratio: 3.17 final drive ratio: 2.60
	levelse latio. 5.17 illial drive latio. 2.00
Body	
Seats:	5
Drag coefficient (c _s):	0.32+
Frontal area (A in m2):	2.23
Index (c "xA):	0.71*
100 01	
IDS Chassis	
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,
	gas pre-loaded struts
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,
Time or euoperiori real.	coil springs, gas-filled shock absorbers
Anti roll bar:	front + rear
Brakes	
	O diamonal
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 285
Brakes rear, diameter (mm):	solid disc, 278
ABS:	standard equipment
TC Plus:	standard equipment

standard equipment

ESP Plus:

Weights and dimensions

Length (mm): 4839 Width (mm): 1798 Height (mm): 1500 2830 Wheelbase (mm): Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 1175 (max. 2046) Cargo-area length (mm): Cargo-area width (mm): 1060 (max. 1079)

Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size: 6.5Jx16/215/55 R16 H Turning clearance circle/turning circle (m): 11.90/11.15

Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hydr. power steering, 15.2

Steering wheel outside diameter (mm): 380

Kerb weight/max. allowable weight/additional load (kg): 1553/2115/562 Power to weight ratio (kg/kW; kg/hp)(empty): 13.6; 10.0 Max. axle load front/rear (kg): 1030/1100 Trailer load braked/unbraked (kg): 1600/750 Trailer hook weight/roof load (kg): 85/75

Fuel tank capacity (I), location: 60. under rear seats

Performance

Top speed (km/h)*: 208 Acceleration 0-100 km/h (sec)*: 10.8 Pass-by noise (dBA): 73

Fuel: unleaded premium 95 RON

Measured according to EU guideline 99/100/EU. Fuel consumption (liter/100 km):

Additional equipment can lead to increased

consumption and CO2 values. urban: 11.5 - 11.6

extra-urban: 6.3 - 6.4 total: 8.2 - 8.3

CO2 emission (g/km): 197 - 199 Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;

interim service with oil exchange after 12 months or

30.000 km

* Basic model

Vectra Station Wagon	2.8 169kW/230hp 6-speed station wagon 5 doors
Model year: Date:	2006 09/2005
Engine data	
Engine: Engine, location:	2.8 ECOTEC front, transverse in front of axle, 2° backward inclined
Cooling system: Cylinders, number:	with liquid, sealed circuit 6
Bore (mm): Stroke (mm):	89 74.8
Displacement (cc): Compression ratio:	2792 9.5:1
Engine, type:	v; 5 main bearings
Cylinder block/head, material: Camshaft(s), location:	aluminum/aluminum 4 overhead (DOHC), driven by chain
Valve train:	roller rocker with hydraulic bucket tappets
Valve, arrangement:	v; 4 per cylinder
Valve adjustment: Fuel system:	automatic - hydraulic sequential multi point fuel injection
Ignition system: Fuel pump:	electr. ignition map, ignition coil direct to spark plug electric, in tank
Emission control system:	3-way cat. conv. with 2 oxygen sensors
Output (kW/hp CEE at 1/min):	169/230 at 5500
Specific power (kW/l; hp/l): Max. torque (Nm at 1/min):	60.5; 82.4 330 at 1800
Specific torque (Nm/liter):	118.2
Mean effective pressure at	4000 7/4 405 0
max. power/max. torque (kPa): Average piston speed (m/s):	1320.7/1485.9 13.7
Engine oil, capacity (I):	6
Cooling capacity (I):	9.6
Battery 12 V, capacity (Ah): Alternator 14.2 V, capacity (W):	66 2130
Transmission	
Drive axle:	front wheel drive
Transmission, type:	6-speed manual
Gear ratios:	1st ratio: 3.77 2nd ratio: 2.04 3rd ratio: 1.37 4th ratio: 1.04 5th ratio: 0.85 6th ratio: 0.71
	reverse ratio: 3.54 final drive ratio: 3.55
Clutch, type:	dry single plate
Body	
Seats:	5
Drag coefficient (c _D): Frontal area (A in m²):	0.32* 2.23
Index (c _w xA):	0.71 ⁺
IDS Chassis	
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts, gas pre-loaded struts
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,
Anti roll bar:	coil springs, gas-filled shock absorbers front + rear
Brakes	
Brake circuits:	2, diagonal
Brakes front, diameter (mm):	ventilated disc, 314
Brakes rear, diameter (mm): ABS:	solid disc, 292 standard equipment
TC Plus:	standard equipment
ESD Dive	standard equipment

standard equipment

ESP Plus:

Weights and dimensions

Length (mm): 4839 1798 Width (mm): 1500 Height (mm): 2830 Wheelbase (mm): Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 Cargo-area length (mm): 1175 (max. 2046) Cargo-area width (mm): 1060 (max. 1079)

Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size: 6.5Jx16/215/55 R16 V

Turning clearance circle/turning circle (m): 11.90/11.15

Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hydr. power steering, 15.2

Steering wheel outside diameter (mm): 380

Kerb weight/max. allowable weight/additional load (kg): 1613/2190/577 Power to weight ratio (kg/kW; kg/hp)(empty): 9.5; 7.0 Max. axle load front/rear (kg): 1105/1100 Trailer load braked/unbraked (kg): 1800/750 Trailer hook weight/roof load (kg): 85/75

Fuel tank capacity (I), location: 60. under rear seats

Performance

Top speed (km/h)*: 245 Acceleration 0-100 km/h (sec)*: 7.5 Acc. 80-120 km/h in 5th gear (sec)*: 8.4 Pass-by noise (dBA): 73

Fuel: unleaded premium 95 RON

Fuel consumption (liter/100 km): Measured according to EU guideline 99/100/EU.

Additional equipment can lead to increased

consumption and CO2 values. urban: 15.5 - 15.6 extra-urban: 7.4 - 7.5 total: 10.4 - 10.5

CO2 emission (g/km): 250 - 252 Emission class: Euro 4

Maintenance

Service intervals: General inspection after 24 months or 60.000 km;

interim service with oil exchange after 12 months or

30.000 km

* Basic model

Vectra Station Wagon 2.8 169kW/230hp 6-speed autom, station wagon 5 doors Model year: 2006 Date: 09/2005 Engine data Engine: 2.8 FCOTEC Engine, location: front, transverse in front of axle, 2° backward inclined Cooling system: with liquid, sealed circuit Cylinders, number: 89 Bore (mm): 74.8 Stroke (mm): Displacement (cc): 2792 Compression ratio: 9.5:1 Engine, type: v; 5 main bearings Cylinder block/head, material: aluminum/aluminum Camshaft(s), location: 4 overhead (DOHC), driven by chain roller rocker with hydraulic bucket tappets Valve train: Valve, arrangement: v: 4 per cylinder Valve adjustment: automatic - hydraulic Fuel system: sequential multi point fuel injection lanition system: electr. ignition map, ignition coil direct to spark plug Fuel pump: electric, in tank Emission control system: 3-way cat. conv. with 2 oxygen sensors Output (kW/hp CEE at 1/min): 169/230 at 5500 Specific power (kW/l: hp/l): 60.5: 82.4 Max. torque (Nm at 1/min): 330 at 1800 Specific torque (Nm/liter): 118.2 Mean effective pressure at max. power/max. torque (kPa): 1320.7/1485.9 Average piston speed (m/s): 13.7 Engine oil, capacity (I): 6 Cooling capacity (I): 9.6 Battery 12 V, capacity (Ah): 66 Alternator 14.2 V, capacity (W): 2130 Transmission Drive axle: front wheel drive Transmission, type: automatic with ActiveSelect Gear ratios: 1st ratio: 4.15 2nd ratio: 2.37 3rd ratio: 1.56 4th ratio: 1.16 5th ratio: 0.86 6th ratio: 0.69 reverse ratio: 3.39 final drive ratio: 3.20 Body Seats: Drag coefficient (c): 0.32^{+} Frontal area (A in m2): 2.23 Index (c _xA): 0.71+ **IDS Chassis** Wheel suspension front: independent, wishbone, on subframe, McPherson struts, gas pre-loaded struts Wheel suspension rear: multi-link suspension, 3 transverse+1longitudinal arm, coil springs, gas-filled shock absorbers Anti roll bar: front + rear Brakes Brake circuits: 2, diagonal Brakes front, diameter (mm): ventilated disc, 314 Brakes rear, diameter (mm): solid disc, 292 ABS: standard equipment TC Plus: standard equipment

standard equipment

ESP Plus:

Weights and dimensions

Length (mm): 4839 Width (mm): 1798 1500 Height (mm): Wheelbase (mm): 2830 Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 Cargo-area length (mm): 1175 (max. 2046) Cargo-area width (mm): 1060 (max. 1079) Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size:

6.5Jx16/215/55 R16 V Turning clearance circle/turning circle (m): 11.90/11.15

Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hvdr. power steering, 15.2

Steering wheel outside diameter (mm): 380 Kerb weight/max. allowable weight/additional load (kg): 1638/2215/577 Power to weight ratio (kg/kW: kg/hp)(empty): 9.7: 7.1 Max. axle load front/rear (kg): 1130/1100 Trailer load braked/unbraked (kg): 1800/750

Fuel tank capacity (I), location: 60. under rear seats

Performance

Trailer hook weight/roof load (kg):

Top speed (km/h)*: 245 Acceleration 0-100 km/h (sec)*: 7.9 Pass-by noise (dBA): 73

Fuel: unleaded premium 95 RON

Measured according to EU guideline 99/100/EU. Fuel consumption (liter/100 km):

85/75

Additional equipment can lead to increased

consumption and CO2 values. 17.4 - 17.5 urban:

extra-urban: 7.6 - 7.7 total: 11.2 - 11.3

CO₂ emission (g/km): 269 - 271 Emission class: Furo 4

Maintenance

Service intervals: General inspection after 24 months or 60,000 km: interim service with oil exchange after 12 months or

30.000 km

* Basic model

Vectra Station Wagon 2.8 184kW/250hp 6-speed station wagon 5 doors

Model year:	2006	Brakes	
Date:	09/2005	Brake circuits:	2, diagonal
Engine data		Brakes front, diameter (mm):	ventilated disc, 314
•		Brakes rear, diameter (mm):	solid disc, 292
Engine:	2.8 ECOTEC	ABS:	standard equipment
Engine, location:	front, transverse in front of axle, 2° backward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number:	6		
Bore (mm):	89	Weights and dimensions	
Stroke (mm): Displacement (cc):	74.8 2792	Length (mm):	4839
Compression ratio:	9.5:1	Width (mm):	1798
Engine, type:	v; 5 main bearings	Height (mm):	1500
Cylinder block/head, material:	aluminum/aluminum	Wheelbase (mm):	2830
Camshaft(s), location:	4 overhead (DOHC), driven by chain	Overhang front/rear:	920/1089
Valve train:	roller rocker with hydraulic bucket tappets	Track front/rear (mm):	1536/1525
Valve, arrangement:	v; 4 per cylinder	Cargo-area volume (m³) ECIE:	530-1850
Valve adjustment:	automatic - hydraulic	Cargo-area length (mm):	1175 (max. 2046)
Fuel system:	sequential multi point fuel injection	Cargo-area width (mm):	1060 (max. 1079)
Ignition system:	electr. ignition map, ignition coil direct to spark plug	Cargo-area height (mm):	841
Fuel pump:	electric, in tank	Rim width (inch)(mm)/tire size:	6.5Jx16/215/55 R16 V
Emission control system:	3-way cat. conv. with 2 oxygen sensors	Turning clearance circle/turning circle (m):	11.90/11.15
Max. boost pressure (bar):	0.7	Steer. wheel turns lock/lock:	2.75
Output (kW/hp CEE at 1/min):	184/250 at 5500	Steering, ratio:	electrhydr. power steering, 15.2 380
Specific power (kW/l; hp/l):	65.9; 89.5	Steering wheel outside diameter (mm): Kerb weight/max. allowable weight/additional load (kg	
Max. torque (Nm at 1/min):	350 at 1800	Power to weight ratio (kg/kW; kg/hp)(empty):	8.8; 6.5
Specific torque (Nm/liter):	125.4	Max. axle load front/rear (kg):	1105/1100
Mean effective pressure at	4.407.0/4.570.0	Trailer load braked/unbraked (kg):	1800/750
max. power/max. torque (kPa):	1437.9/1576.0	Trailer load brakes dribtakes (kg):	85/75
Average piston speed (m/s): Engine oil, capacity (l):	13.7 6	Fuel tank capacity (I), location:	60, under rear seats
Cooling capacity (I):	9.6	r acr tarm supusity (1), issumerin	co, andorroal coale
Battery 12 V, capacity (Ah):	66	Performance	
Alternator 14.2 V, capacity (W):	2130		0.50
Alternator 14.2 V, capacity (VV).	2100	Top speed (km/h)*:	250
Transmission		Acceleration 0-100 km/h (sec)*:	7.1
		Acc. 80-120 km/h in 5th gear (sec)*:	7.9 73
Drive axle:	front wheel drive	Pass-by noise (dBA): Fuel:	unleaded premium 95 RON
Transmission, type:	6-speed manual	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
Gear ratios:	1st ratio: 3.77 2nd ratio: 2.04 3rd ratio: 1.37	i dei consumption (ilter/100 km).	Additional equipment can lead to increased
	4th ratio: 1.04 5th ratio: 0.85 6th ratio: 0.71		consumption and CO ₂ values.
Clustely tymps	reverse ratio: 3.54 final drive ratio: 3.55		urban: 15.5 - 15.6
Clutch, type:	dry single plate		extra-urban: 7.4 - 7.5
D a ali			total: 10.4 - 10.5
Body		CO ₂ emission (g/km):	250 - 252
Seats:	5	Emission class:	Euro 4
Drag coefficient (c,):	0.32 ⁺		
Frontal area (A in m²):	2.23	Maintenance	
Index (c "xA):	0.71+		Canaral inapaction ofter 24 months or 60 000 km.
		Service intervals:	General inspection after 24 months or 60.000 km;
IDS chassis			interim service with oil exchange after 12 months or 30.000 km
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,		30.000 KIII
	gas pre-loaded struts		
		+ Davis assista	
Wheel suspension rear:	multi-link suspension, 3 transverse+ nonditudinal arm.	Basic model	
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm, coil springs, gas-filled shock absorbers	* Basic model * Kerb weight (70156 EEC) and 125 kg payload	

^{*} Basic model
* Kerb weight (70156 EEC) and 125 kg payload
Specifications may differ outside Germany

Vectra Station Wagon 2.8 184kW/250hp 6-speed autom, station wagon 5 doors

Model year: 2006 Date: 09/2005 Engine data Engine: 2.8 FCOTEC Engine, location: front, transverse in front of axle, 2° backward inclined Cooling system: with liquid, sealed circuit Cylinders, number: 89 Bore (mm): 74.8 Stroke (mm): Displacement (cc): 2792 Compression ratio: 9.5:1 Engine, type: v; 5 main bearings Cylinder block/head, material: aluminum/aluminum Camshaft(s), location: 4 overhead (DOHC), driven by chain roller rocker with hydraulic bucket tappets Valve train: Valve, arrangement: v: 4 per cylinder Valve adjustment: automatic - hydraulic Fuel system: sequential multi point fuel injection lanition system: electr. ignition map, ignition coil direct to spark plug Fuel pump: electric, in tank Emission control system: 3-way cat. conv. with 2 oxygen sensors Max. boost pressure (bar): 0.7 Output (kW/hp CEE at 1/min): 184/250 at 5500 Specific power (kW/l: hp/l): 65.9: 89.5 Max. torque (Nm at 1/min): 350 at 1800 Specific torque (Nm/liter): 125.4 Mean effective pressure at max. power/max. torque (kPa): 1437.9/1576.0 Average piston speed (m/s): 13.7 Engine oil, capacity (I): 6 Cooling capacity (I): 9.6 Battery 12 V, capacity (Ah): 66 Alternator 14.2 V, capacity (W): 2130 Transmission Drive axle: front wheel drive Transmission, type: automatic with ActiveSelect Gear ratios: 1st ratio: 4.15 2nd ratio: 2.37 3rd ratio: 1.56 4th ratio: 1.16 5th ratio: 0.86 6th ratio: 0.69 reverse ratio: 3.39 final drive ratio: 3.20 Body Seats: 5 Drag coefficient (c_a): 0.32^{+} Frontal area (A in m2): 2.23 0.71+ Index (c _xA): **IDS Chassis** independent, wishbone, on subframe, McPherson struts, Wheel suspension front: gas pre-loaded struts Wheel suspension rear: multi-link suspension, 3 transverse+1longitudinal arm, coil springs, gas-filled shock absorbers front + rear Anti roll bar:

> 2, diagonal ventilated disc, 314

solid disc. 292

standard equipment

standard equipment

standard equipment

Brakes Brake circuits:

ABS:

TC Plus:

ESP Plus:

Brakes front, diameter (mm): Brakes rear, diameter (mm):

Weights and dimensions

Length (mm): 4839 Width (mm): 1798 1500 Height (mm): Wheelbase (mm): 2830 Overhang front/rear: 920/1089 Track front/rear (mm): 1536/1525 Cargo-area volume (m³) ECIE: 530-1850 Cargo-area length (mm): 1175 (max. 2046) Cargo-area width (mm): 1060 (max. 1079)

Cargo-area height (mm): 841

Rim width (inch)(mm)/tire size: 6.5Jx16/215/55 R16 V

Turning clearance circle/turning circle (m): 11.90/11.15 Steer. wheel turns lock/lock: 2.75

Steering, ratio: electr.-hvdr. power steering, 15.2 Steering wheel outside diameter (mm): 380

Kerb weight/max. allowable weight/additional load (kg): 1638/2215/577 Power to weight ratio (kg/kW: kg/hp)(empty): 8.9: 6.6 Max. axle load front/rear (kg): 1130/1100 Trailer load braked/unbraked (kg): 1800/750 Trailer hook weight/roof load (kg): 85/75

Fuel tank capacity (I), location: 60. under rear seats

Performance

Top speed (km/h)*: 250 Acceleration 0-100 km/h (sec)*: 7.5 Pass-by noise (dBA): 73

Fuel: unleaded premium 95 RON

Measured according to EU guideline 99/100/EU. Fuel consumption (liter/100 km):

Additional equipment can lead to increased

consumption and CO2 values. 17.4 - 17.5 urban: extra-urban: 7.6 - 7.7 total: 11.2 - 11.3

CO₂ emission (g/km): 269 - 271 Emission class: Furo 4

Maintenance

Service intervals: General inspection after 24 months or 60,000 km:

interim service with oil exchange after 12 months or

30.000 km

* Basic model

Vectra Station Wagon OPC 2.8 188kW/255hp 6-speed station wagon 5 doors

vectra Station wagon OPC 2.	8 188kW/255hp 6-speed station wagon 5 doors		
Model year:	2006	Brakes	
Date:	10/2005		0. diamond
		Brake circuits: Brakes front, diameter (mm):	2, diagonal ventilated disc, 345
Engine data		Brakes rear, diameter (mm):	ventilated disc, 343 ventilated disc, 292
Engine:	2.8 ECOTEC	ABS:	standard equipment
Engine, location:	front, transverse in front of axle, 2° backward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number:	6		
Bore (mm):	89	Weights and dimensions	
Stroke (mm):	74.8	Length (mm):	4870
Displacement (cc):	2792	Width (mm):	1798
Compression ratio:	9.5:1	Height (mm):	1487
Engine, type: Cylinder block/head, material:	v; 5 main bearings aluminum/aluminum	Wheelbase (mm):	2830
Camshaft(s), location:	4 overhead (DOHC), driven by chain	Overhang front/rear:	944/1096
Valve train:	roller rocker with hydraulic bucket tappets	Track front/rear (mm):	1536/1525
Valve, arrangement:	v; 4 per cylinder	Cargo-area volume (m³) ECIE:	530-1850
Valve adjustment:	automatic - hydraulic	Cargo-area length (mm):	1175 (max. 2046)
Fuel system:	sequential multi point fuel injection	Cargo-area width (mm):	1060 (max. 1079)
Ignition system:	electr. ignition map, ignition coil direct to spark plug	Cargo-area height (mm):	841
Fuel pump:	electric, in tank	Rim width (inch)(mm)/tire size:	8Jx18/235/40 R18-95W
Emission control system:	3-way cat. conv. with 2 oxygen sensors	Turning clearance circle/turning circle (m):	12.40/11.68
Max. boost pressure (bar):	0.7	Steer. wheel turns lock/lock: Steering, ratio:	2.75 electrhydr. power steering, 15.2
Output (kW/hp CEE at 1/min):	188/255 at 5500	Steering, ratio. Steering wheel outside diameter (mm):	380
Specific power (kW/l; hp/l):	67.3; 91.3	Kerb weight/max. allowable weight/additional load (kg)	
Max. torque (Nm at 1/min):	355 at 1800 127.1	Power to weight ratio (kg/kW; kg/hp)(empty):	8.6: 6.3
Specific torque (Nm/liter): Mean effective pressure at	121.1	Max. axle load front/rear (kg):	1105/1100
max. power/max. torque (kPa):	1469.1/1623.7	Trailer load braked/unbraked (kg):	1800/750
Average piston speed (m/s):	13.7	Trailer hook weight/roof load (kg):	85/75
Engine oil, capacity (I):	6	Fuel tank capacity (I), location:	60, under rear seats
Cooling capacity (I):	9.6		
Battery 12 V, capacity (Ah):	70	Performance	
Alternator 14.2 V, capacity (W):	2130	Top speed (km/h)*:	254
		Acceleration 0-100 km/h (sec)*:	6.9
Transmission		Acc. 80-120 km/h in 5th gear (sec)*:	7.7
Drive axle:	front wheel drive	Pass-by noise (dBA):	75
Transmission, type:	6-speed manual	Fuel:	unleaded premium 95 RON
Gear ratios:	1st ratio: 3.77 2nd ratio: 2.04 3rd ratio: 1.37	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
	4th ratio: 1.04 5th ratio: 0.85 6th ratio: 0.71		Additional equipment can lead to increased
	reverse ratio: 3.54 final drive ratio: 3.54		consumption and CO ₂ values. urban: 15.6
Clutch, type:	dry single plate		extra-urban: 7.5
Б			total: 10.5
Body		CO ₂ emission (g/km):	252
Seats:	5	Emission class:	Euro 4
Drag coefficient (c _p):	0.32 ⁺		
Frontal area (A in m²):	2.23	Maintenance	
Index (c _w xA):	0.71+	Service intervals:	General inspection after 24 months or 60.000 km;
100.01		Ocivide intervals.	interim service with oil exchange after 12 months or
IDS Chassis			30.000 km
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,		
•	gas pre-loaded struts		
Wheel suspension rear:	multi-link suspension, 3 transverse+1longitudinal arm,	* Basic model	
A . C . II I	coil springs, gas-filled shock absorbers	* Kerb weight (70156 EEC) and 125 kg payload	
Anti roll bar:	front + rear	Specifications may differ outside Germany	

^{*} Kerb weight (70156 EEC) and 125 kg payload Specifications may differ outside Germany

Vectra Station Wagon 3.0 V6 CDTI 135kW/184hp 6-speed station wagon 5 doors

front + rear

vectra Station wagon	3.0 V6 CDTI 135kW/184hp 6-speed station wagon 5 doors		
Model year:	2006	Brakes	
Date:	09/2005	Brake circuits:	2, diagonal
Engine data		Brakes front, diameter (mm):	ventilated disc, 314
<u> </u>	0.0.1/0.007/1500750	Brakes rear, diameter (mm):	solid disc, 292
Engine:	3.0 V6 CDTI ECOTEC	ABS:	standard equipment
Engine, location:	front, transverse in front of axle, 1° forward inclined	TC Plus:	standard equipment
Cooling system:	with liquid, sealed circuit	ESP Plus:	standard equipment
Cylinders, number:	6		
Bore (mm):	87.5	Weights and dimensions	
Stroke (mm):	82	Length (mm):	4839
Displacement (cc):	2958	Width (mm):	1798
Compression ratio:	18.5:1	Height (mm):	1500
Engine, type:	v 66°; 4 main bearings	Wheelbase (mm):	2830
Cylinder block/head, material:	aluminum/aluminum	Overhang front/rear:	920/1089
Camshaft(s), location:	4 overhead (DOHC), gear/toothed belt	Track front/rear (mm):	1536/1525
Valve train:	direct, bucket tappets	Cargo-area volume (m³) ECIE:	530-1850
Valve, arrangement:	v; 4 per cylinder	Cargo-area length (mm):	1175 (max. 2046)
Valve adjustment:	mecanical	Cargo-area width (mm):	1060 (max. 1079)
Fuel system:	diesel direct injection, common rail	Cargo-area height (mm):	841
Fuel pump:	high pressure, mechanical	Rim width (inch)(mm)/tire size:	6.5Jx16/215/55 R16 V
Emission control system:	2-way cat. conv. (oxidizing catalytic	Turning clearance circle/turning circle (m):	11.90/11.15
	converter), exhaust gas recirculation, diesel	Steer. wheel turns lock/lock:	2.75
	particulate filter		
Charger system:	turbo with intercooler	Steering, ratio:	electrhydr. power steering, 15.2 380
Max. boost pressure (bar at 1/min):	1.2 at 4.000	Steering wheel outside diameter (mm): Kerb weight/max. allowable weight/additional load (
Output (kW/hp CEE at 1/min):	135/184 at 4000		12.5; 9.2
Specific power (kW/I; hp/I):	45.6; 62.2	Power to weight ratio (kg/kW; kg/hp)(empty):	11.5, 9.2
Max. torque (Nm at 1/min):	400 at 1900-2700	Max. axle load front/rear (kg):	
Specific torque (Nm/liter):	135.2	Trailer load braked/unbraked (kg):	1800/750
Mean effective pressure at		Trailer hook weight/roof load (kg):	85/75
max. power/max. torque (kPa):	1369.2/1700.1	Fuel tank capacity (I), location:	60, under rear seats
Average piston speed (m/s):	10.9		
Engine oil, capacity (I):	7.5	Performance	
Cooling capacity (I):	7.1	Top speed (km/h)*:	225
Battery 12 V, capacity (Ah):	120	Acceleration 0-100 km/h (sec)*:	9.1
Alternator 14.2 V, capacity (W):	1988	Acc. 80-120 km/h in 5th gear (sec)*:	9.1
		Pass-by noise (dBA):	73
Transmission		Fuel:	Diesel
Drive axle:	front wheel drive	Fuel consumption (liter/100 km):	Measured according to EU guideline 99/100/EU.
Transmission, type:	6-speed manual	(,,	Additional equipment can lead to increased
Gear ratios:	1st ratio: 3.77 2nd ratio: 2.04 3rd ratio: 1.32		consumption and CO ₂ values.
Geal Tallos.	4th ratio: 0.95 5th ratio: 0.76 6th ratio: 0.62		urban: 9.8 - 9.9
	reverse ratio: 3.54 final drive ratio: 3.55		extra-urban: 5.2 - 5.3
Clutch, type:	dry single plate		total: 6.9 - 7.0
Ciuton, type.	ury sirigie plate	CO ₂ emission (g/km):	186 - 189
D. J		Emission class:	Euro 4
Body			
Seats:	5	Maintenance	
Drag coefficient (c _s):	0.32+		
Frontal area (A in m²):	2.23	Service intervals:	General inspection after 24 months or 60.000 km;
Index (c "xA):	0.71 ⁺		interim service with oil exchange after 12 months or
м .			30.000 km
IDS Chassis			
	independent wishbons on subframe McDhorror of the	+5	
Wheel suspension front:	independent, wishbone, on subframe, McPherson struts,	* Basic model	
Wheel suspension rear:	gas pre-loaded struts multi-link suspension, 3 transverse+1longitudinal arm,	* Kerb weight (70156 EEC) and 125 kg payload	
wheel suspension real:	coil enringe, gas filled shock shearhars	Specifications may differ outside Germany	
Anti roll har:	coil springs, gas-filled shock absorbers		
ALIII IVII DAI	110H + 1841		

^{*} Kerb weight (70156 EEC) and 125 kg payload Specifications may differ outside Germany