

Telephone:
 Fax:
 VAT Registration No.:

Name: **Manufacturer:** Opel/Vauxhall
Address: **Model:**
Tel - Private: **Year:**
Tel - Business: **Registration:**
Tel - Mobile: **Mileage:**
Date **Job number:**

Notes		Specified value	Measured value
Vehicle identification			
No. of cylinders	Type	4/OHC	
Capacity	cc	1686	
Compression ratio	:1	23	
Injection system			
Fuel/injection pump assembly	Make	Bosch	
Fuel/injection pump assembly	Type	VER 554	
Fuel/injection pump assembly	Part No.	8 970 851 820	
Pump type		Rotary	
Injection sequence		1-3-4-2	
Injector nozzle	Make	Bosch	
Nozzle and holder assembly	Part No.	NP-DN0PDN108	
Nozzle opening pressure - new/used	bar	142-162	
Leak rate (dribble)	bar/secs	120/10	
Tuning and emissions			
Plunger travel (pump)	mm ABDC	0,65±0,05	
Crankshaft position (n = ATDC)	°BTDC	0	
Adjusting method	Engine/Pump	Pointer/ Dial gauge	
Idle speed	rpm	830-930	
Rated no load speed	rpm	5100-5300	
Oil temperature	°C	80	
Idle speed - for smoke test	rpm	830-930	
Governed speed range - for smoke test	rpm	5100-5300	
Maximum time at governed speed	secs	1,0	
Test mode	A/B	B	
Probe type	1/2	1	
Conditioning	Accelerations/rpm	5-8/5100	
Smoke opacity - EU limit	m-1 (%)	2,50 (66)	
Smoke opacity - homologation value	m-1 (%)	4,00 (82)	
Starting and charging			
Battery	V/RC(Ah)	12/110 (66)	
Starter motor	Make	Hitachi	
Starter motor	Type	94 386 328	
Maximum cranking amps	A	178-218	
Alternator	Make	Hitachi	
Alternator	Type	LR170-411	
Alternator output	A/V/rpm	65/13,5/3500	
Regulated voltage	V	14,4-15,0	
Glow plugs			
Glow plug nominal rating	V/A	5/12,5	
Glow plug activation time	secs	20 Max	

Manufacturer: Opel/Vauxhall
Engine code: 17D (4EE1)
Tuned for:

Model: Corsa-B/Combo 1,7D
Output: 44 (60) 4500
Year: 1993-96

© Autodata Limited 2007
 23.12.2011
 V6.410- **/Autodata**

<http://dieselmater.ucoz.ru>

Glow plug - part no.	Bosch	0 250 202 008
Glow plug - part no.	Lucas/CAV	DS032

Service checks and adjustments

Valve clearance - INLET	mm	0,15 cold
Valve clearance - EXHAUST	mm	0,25 cold
Compression pressure	bar	22 Min
Oil pressure	bar/rpm	2,0/880
Radiator cap	bar	1,20-1,35
Thermostat (primary/secondary) open	°C	88
Drive belt size - alternator	mm	13,3x916

Lubricants and capacities

Engine oil grade - cold climate	SAE	5W/30 Semi-synthetic
Engine oil grade - moderate climate	SAE	15W/40 Semi-synthetic
Engine oil grade - hot climate	SAE	Semi-synthetic
Engine oil classification	API/ACEA	CF/B3-98
Engine oil grade - alternative - moderate climate	SAE	10W/30 Synthetic
Engine oil classification - alternative - moderate climate	API/ACEA	CF/B3-96
Engine with filter(s)	litres	3,7
78 Manual gearbox oil grade	SAE	
Manual gearbox 4/5 speed	litres	1,6
Cooling system	litres	6,0
Brake fluid	Type	DOT 4
Brake fluid	litres	0,4
Power steering fluid	Type	Dexron II
Power steering fluid	litres	1,0

Tightening torques

Cylinder head instructions		
----------------------------	--	--

Cylinder head

	Renew bolts	Yes
Stage 1	Tighten	40 Nm
Stage 2	Tighten	60°-75°
Stage 3	Tighten	60°-75°

Other tightening torques

Main bearings	Renew bolts/nuts	Yes
Main bearings	Stage 1	50 Nm
Main bearings	Stage 2	45°
Big end bearings	Renew bolts/nuts	Yes
Big end bearings	Stage 1	35 Nm
Big end bearings	Stage 2	45°
Oil pump to cylinder block		10 Nm
Sump bolts		10 Nm
Sump drain bolt		78 Nm
16 Flywheel/driveplate		50 Nm+30°
Clutch to flywheel		15 Nm
16 Crankshaft pulley/damper centre bolt		130 Nm+45°
16 Camshaft sprocket/gear		75 Nm+60°
Camshaft carrier/cap		25 Nm
Camshaft/rocker cover		8 Nm
Inlet manifold to cylinder head		25 Nm
Exhaust manifold to cylinder head		30 Nm
Injector/clamp		50 Nm
Injector pipe unions		25 Nm
Fuel/injection pump sprocket/gear		64 Nm
Fuel/injection pump flange		25 Nm
Fuel/injection pump mounting		40 Nm
Injector nozzle to holder		45 Nm
Glow plugs		20 Nm
18 Front hub		
Steering track rod end		35 Nm
Brake disc to hub	Front	8 Nm
Brake caliper to carrier	Front	30 Nm
Brake caliper carrier to hub	Front	95 Nm
ABS sensor	Front	8 Nm
ABS sensor	Rear	4 Nm

Manufacturer: Opel/Vauxhall
Engine code: 17D (4EE1)
Tuned for:

Model: Corsa-B/Combo 1,7D
Output: 44 (60) 4500
Year: 1993-96

© Autodata Limited 2007
23.12.2011
V6.410- **Autodata**

<http://dieselmater.ucoz.ru>

Brake disc and drum dimensions

	Minimum disc thickness - solid	Front	9,7 mm	
	Disc thickness variation	Front	0,010 mm	
	Disc runout	Front	0,10 mm	
	Maximum drum diameter	Rear	231 mm	
51	Minimum pad thickness	Front	9 mm	
52	Minimum shoe thickness	Rear		
	Parking brake travel	No. of notches	8	

Air conditioning

	Air conditioning refrigerant	Type	R134a	
	Air conditioning refrigerant quantity	grams	900	
	Air conditioning oil	Type	Dens Oil 8	
	Air conditioning oil quantity	cmi	300	
	Air conditioning oil viscosity	ISO	46	

Autodata Note 78

Opel part No. 09120541

Autodata Note 16

Use new nuts/bolts.

Autodata Note 18

- 1) 100 Nm
- 2) Slacken off
- 3) 20 Nm + 80-89°

Autodata Note 51

Measurement includes lining and pad/shoe backing plate.

Autodata Note 52

0,5 mm above rivets.

Manufacturer: Opel/Vauxhall
Engine code: 17D (4EE1)
Tuned for:

Model: Corsa-B/Combo 1,7D
Output: 44 (60) 4500
Year: 1993-96

© **Autodata Limited 2007**
23.12.2011
V6.410- ***/Autodata***

<http://dieselmater.ucoz.ru>



Распределительный топливный насос

Изделие 9 460 620 010 - Распределительный топливный насос - VE4/10F2250R554

