

Telephone:
Fax:
VAT Registration No.:

Name:		Manufacturer:	Fiat
Address:		Model:	Brava 1.9 TD 100
		Year:	1998
		Registration:	
Tel - Private:		Mileage:	
Tel - Business:		Job number:	

Tightening torques				
Notes			Specified value	Measured value
	Cylinder head instructions			
Cylinder head				
		Renew bolts	No	
	Stage 1	Tighten	20 Nm	
	Stage 2	Tighten	65 Nm	
	Stage 3	Tighten	90°	
	Stage 4	Tighten	90°	
	Stage 5	Tighten	90°	
Other tightening torques				
	Main bearings	Renew bolts/nuts	No	
	Main bearings	Stage 1	20 Nm	
	Main bearings	Stage 2	100°	
	Big end bearings	Renew bolts/nuts	No	
	Big end bearings	Stage 1	20 Nm	
	Big end bearings	Stage 2	60°	
	Oil pump to cylinder block		9 Nm	
	Sump bolts		M6=9 Nm M8=25 Nm	
	Sump drain bolt		20 Nm	
	Flywheel/driveplate		160 Nm	
	Crankshaft pulley/damper		360 Nm	
	Camshaft sprocket/gear		120 Nm	
	Camshaft carrier/cap		15 Nm	
	Camshaft/rocker cover		9 Nm	
	Inlet manifold to cylinder head		25 Nm	
	Exhaust manifold to cylinder head		25 Nm	
	Injector/clamp		55 Nm	
	Injector pipe unions		29 Nm	
	Injection pump sprocket/gear		50 Nm	
	Injection pump flange		25 Nm	
	Injection pump mounting		25 Nm	
	Glow plugs		15 Nm	
27	Front hub			
	Rear hub		280 Nm	

Manufacturer: Fiat
Engine code: 182A7.000
Tuned for:

Model: Brava 1,9D TD 100
Output: 74 (100) 4200
Year: 1995-00

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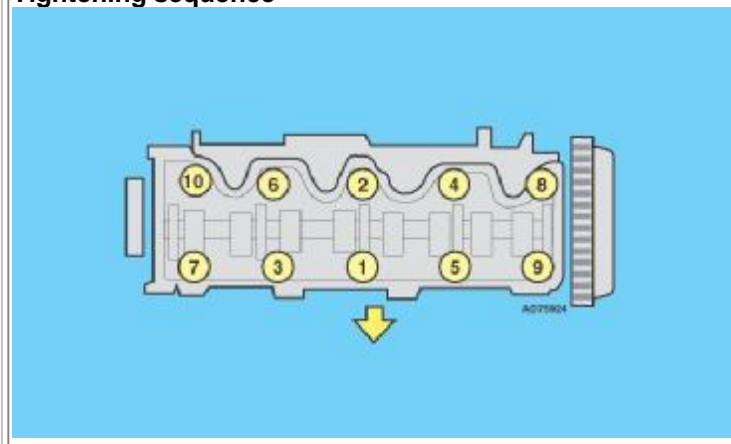
Steering track rod end		70 Nm	
Brake caliper to carrier	Front	57 Nm	
Road wheels		86 Nm	

Autodata Note 27

M22 = 70 Nm + 55°

M24 = 70 Nm + 62°

Tightening sequence



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