

## TIGHTENING TORQUES

	daN.m	lbf.ft
Alternator to cylinder block	5.0	37.0
Alternator support to timing cover	1.5	11.0
Belt tensioner to alternator	2.0	15.0
Belt tensioner to timing cover	2.0	15.0
Belt tensioner, adjusting nut and bolt	1.5	11.0
Block drain plug to cylinder block	2.0	15.0
Distributor clamp to timing cover	1.0	7.0
Earth cable to alternator terminal	0.5	4.0
Positive cable to alternator terminal	0.5	4.0
Positive cable to starter terminal	1.0	7.0
Camshaft cover to cylinder head	0.5	4.0
Carburettor to inlet manifold	2.0	15.0
Inlet manifold to cylinder head	1.5	11.0
Exhaust manifold to cylinder head	2.0	15.0
Manifold strap to cylinder head	1.5	11.0
Spark plugs	3.0	22.0
Starter motor to cylinder block	5.5	40.0
Fuel pump to top timing cover	2.0	15.0
Water outlet to cylinder head	1.25	9.0
Thermostat cover to water outlet	1.25	9.0
Water pump to main timing cover	1.5	11.0
Sump to cylinder block	1.5	11.0
Sump oil drain plug	4.0	29.0
Cylinder head to cylinder block	9.0	66.0
Side cover plate to cylinder head	1.25	9.0
Top timing cover to cylinder head and main timing cover	1.25	9.0
Main timing cover casing to cylinder block	1.25	9.0
Temperature sender unit	1.5	11.0
Oil pressure gauge sender	3.5	26.0

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	daN.m	lbf.ft
Chain tensioner plug to timing cover	4.0	29.0
Chain tensioner to cylinder block	1.0	7.0
Chain damping pad to cylinder block	1.5	11.0
Chain guide pad to cylinder block	1.5	11.0
Sprocket to camshaft	1.5	11.0
Crankshaft pulley	13.5	100.0
Crankshaft bearing seal support	1.0	7.0
Main bearing cap bolts	11.0	81.0
Big end nuts	6.5	48.0
Oil pump to cylinder block	2.0	15.0
Oil strainer to oil pump cover	1.25	9.0
Oil pump valve plug to pump body	4.5	33.0
Oil pump cover to pump body	1.5	11.0
Oil pump valve body	1.0	7.0
Flywheel to crankshaft	8.0	59.0
Clutch cover to flywheel	2.5	18.0
Clutch housing to cylinder block	5.5	40.0
Clutch housing to gearbox	5.5	40.0
Engine earth braid (fitted to transaxle)	2.0	15.0
Engine mounting to alloy sump	2.5	18.0
Temperature switch to radiator	3.5	26.0
Hot air take-off support	1.5	11.0
Stiffener bracket to cylinder block (Tagora)	5.5	40.0
Stiffener bracket to clutch housing (Tagora)	5.5	40.0
Mounting pad assembly to mounting (Tagora)	2.0	15.0
Mounting pad assembly to cross member (Tagora)	2.5	18.0
Plug lead cover to cylinder head (Tagora)	1.5	11.0
(Torque Conversion Factor	7.216)	