

Torque Wrench Settings

Cylinder Head Area

Application	Torque (Nm)	Notes
Cam cover to cylinder head	10	Lubricate seals with engine oil
Secondary air injection valve covers to cam cover	9	
Cam chain tensioner to crankcase	9	
Cam chain tensioner centre bolt	23	
Camshaft bearing caps and camshaft bearing ladder to head	See section 5	Lubricate threads
Camshaft sprocket to camshaft	15	Use new fixings
Cam chain tensioner blade to crankcase	18	Use new fixings
Cam chain top pad to head	10	Use new fixings
Cylinder head to crankcase <M6 screws)	10	
Cylinder head to crankcase bolts	See section 3	
Sound suppression bolt in head	10	
Oil feed pipe	25	
Spark plug to cylinder head	12	

Clutch

Application	Torque (Nm)	Notes
Clutch cover to crankcase	9	
Clutch centre nut	105	
Clutch pressure plate to centre	10	
Clutch lever to handlebar	1S	
Clutch lever pivot bolt	1	
Clutch lever pivot nut	3.5	

Balancer, Crankshaft and Crankcase

Application	Torque (Nm)	Notes
Crankcase lower to upper <MS fixings)	See section 6	
Crankcase upper to lower <M6 fixings)	See section 6	
Connecting rod big end nut	See section 6	
Balancer retaining bolt	60	Apply ThreeBond 1305 to the threads
Big end bearings	See section 6	
Sprag clutch to crankshaft	54	
Starter drive cover to crankcase	9	

General Information

Engine Covers

Application	Torque (Nm)	Notes
Clutch cover to crankcase	9	
Clutch cover sound suppression plate to cover	9	
Sprocket cover to crankcase	9	
Water outlet cover	9	
Alternator cover to crankcase	9	
Crank cover to crankcase	9	
Starter cover to crank cover	9	
Plug, crank cover	18	

Transmission

Application	Torque (Nm)	Notes
Output sprocket to output shaft	132	Use new tab washers
Detent wheel to selector drum	12	Use a new fixing
Detent arm bolt	12	Use a new fixing
Selector drum bearing retaining screw	12	Use a new fixing
Selector shaft retainer	12	Use a new fixing
Spring abutment bolt	23	
Neutral switch	10	
Gear pedal pinch bolt	9	
Gear change rod locknuts (upper nut 's len hand thread)	6	
Gear pedal pivot bolt	22	

Lubrication System

Application	Torque (Nm)	Notes
Sump to crankcase	12	
Sump drain plug to sump	25	Use a new washer
Oil pressure relief valve to crankcase	15	Apply ThreeBond 1305 to the threads
Low oil pressure warning light switch to crankcase	13	Use new washers
Oil filter to adapter	10	
Oil cooler pipe union bolts	10	
Oil cooler to mounting bracket/radiator	9	
Oil pump to crankcase	13.5	
Oil pump drive sprocket to pump shaft	15	
Oil feed pipe union to head	25	
Transmission oil feed pipes to crankcase	8	
Oil cooler bracket to crankcase	9	

General Information

Fmal Drive

Application	Torque (Nm)	NotesRear
sprocket to sprocket carrier	55	
Rear sprocket studs to sprocket carrier	30	Use new fixings
Chain guard bolts	4.5	

Cooling System

Applkation	Torque (Nm)	Notes
Water pump to crankcase	10	
Radiator to frame	9	
Water elbow to head	12	
Thermostat housing to head	12	
Fan shroud to radiator	2.5	
Expansion tank to frame	4	

Fuel System, Exhaust System and Airbox

Application	Torque (Nm)	Notes
Fuel tank to frame (front fixing)	9	
Fuel tank to frame (rear fixing)	9	
Fuel tank brackets to frame (rear)	9	
Fuel cap to fuel tank	3	
Fuel pump mounting plate to fuel tank	9	
Throttle body transition piece to cylinder head	12	
Fuel rail to bracket	6	
Throttle potentiometer to throttle body	2	
Throttle restrictor bracket to throttle body	2	Apply ThreeBond 1360 to the threads
Exhaust downpipe to cylinder head	19	See section 10
Airbox to bracket	5	
Airbox upper to lower section	3	
Exhaust down pipe to frame	15	
Exhaust clamp to down pipe	22	
Silencer mounting bracket to frame	15	
Catalyst heatshield to down pipe (only if catalyst fitted)	5	
Exhaust pipe heatshield	5	
Silencer heatshield	5	