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SERVICE SHEET

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TORQUE WRENCH SETTINGS

The following are recommended torque wrench settings for critical nuts and bolts used on A50 and A65 models:-

APPLICATION	THREAD DIA. AND TYPE	T.P.I.	HEX A/F	TORQUE (lb.ft.)
Carburettor flange nuts (SL)	5/16" B.S.C.	26	0.525"	10
Clutch centre nut	9/16" B.S.C.	20	0.920"	65/70
Crankcase stud nuts	5/16" B.S.C.	26	0.525"	16/18
Oil pump drive worm (L.H.T.)	9/16" B.S.C.	20	0.781"	28/30
Connecting rod bolts	5/16" B.S.C.	26	0.485"	22
Cylinder barrel nuts	5/16" B.S.C.	26	0.525"	18/20
Cylinder head bolts	3/8" B.S.F.	20	0.594"	28/30
Cylinder head bolts	3/8" B.S.F.	20	0.525"	28/30
Cylinder head nuts	3/8" B.S.C.	26	0.600"	31/33
Flywheel bolts	3/8" B.S.C.	26	0.525"	45
Front fork cap nuts	1.1/16" W.F.	20	1.300"	50/55
Front fork bottom yoke bolts	3/8" U.N.F.	24	0.562"	23/25
Kickstart ratchet nut	9/16" B.S.C.	20	0.820"	55/60
Manifold stud nuts	1/4" B.S.C.	26	0.375"	6
Oil pump stud nuts	1/4" B.S.C.	26	0.440"	8/10
Rotor fixing nut	5/8" B.S.C.	20	1.010"	60
Stator fixing nuts (SL)	1/4" B.S.C.	26	0.440"	5/7
Zener Diode nut	1/4" U.N.F.	28	0.437"	2/2.3

ABBREVIATIONS

SL	-	Self-locking
B.S.C.	-	British Standard Cycle
B.S.F.	-	British Standard Fine
L.H.T.	-	Left-hand Thread
U.N.F.	-	Unified Fine
W.F.	-	Whitworth Form.