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EASTERN STATES DISTRIBUTOR FOR BSA MOTORCYCLES / A SUBSIDIARY OF THE BIRMINGHAM SMALL ARMS COMPANY, LTD. OF ENGLAND

despatch to all dealers:

SERVICE BULLETON NO. 275 (Revised) March 3, 1969

FROM: Walter Brown, Service Manager

SUBJECT: A75 MODEL - TORQUE WRENCH SETTINGS (DRY)

Listed below are the recommended torque wrench settings for critical bolts and nuts. Over-tightening or non-uniform tightening of the cylinder head and barrel nuts for instance, can cause distortion, resulting in loss of compression, increased engine wear and poor fuel economy.

APPLICATION	THREAD	T.P.I.	HEX.AF	TORQUE lb/ft
Alternator rotor nut	0.4375" UNF	20	0.9375"	50
Clutch center nut	0.5625" UNF	18	0.875"	60
Connecting rod bolt nuts (SL)	0.3125" UNF	24	0.50"	17-1/2-18-1/2
Crankcase junction bolts	0.3125" UNC	18	0.50"	15
Crankcase junction stud nuts	0.3125" UNF	24	0.50"	15
Cylinder barrel nuts	0.375" UNF	24	0.5625"	20-22
Cylinder head bolts	0.3125" UNF	24	0.50"	18
Cylinder head stud nuts	0.375" UNF	24	0.5625"	18
Engine sprocket nut	0.75" UNF	20	1.125"	58-63
Front fork bottom yoke pinch bolts	0.375" UNF	24	0.5625"	23-25
Front fork top cap nuts	1.0625" UNS	28	1.50"	75-80
Front fork top yoke pinch bolts	0.375" UNF	24	0.5625"	23-25
Front wheel spindle cap bolts	0.3125" UNF	24	0.50"	23-25
Kickstart ratchet nut	0.5625" UNF	18	0.9375"	40-45
Main bearing cap stud nuts (SL)	0.375" UNF	24	0.5625"	17-1/2-18-1/2
Rocker box bolts	0.25" UNC	20	0.4375"	6
Rocker box stud nuts	0.25" UNF	28	0.4375"	6
Shock absorber nut	0.625" UNF	18	0.9375"	75-80
Stator mounting nuts (SL)	0.3125" UNF	24	0.445"	8
Zener diode nut	0.25" UNF	28	0.4375"	2-2.3
Gearbox output shaft nut	1.25" UNF	28	1.675"	58
Headlamp mounting bolts	0.3125" WF	26	0.525"	10

ABBREVIATIONS

AF	Across Flats	SL	Self-locking
T.P.I.	Threads Per Inch	UNC	Unified Coarse
UNF	Unified Fine	UNS	Unified Special
		WF	Whitworth Form