



SERVICE BULLETIN AND TECHNICAL DATA

FWN/DD. 58/1.

MASTER SPARES LIST

A new Master Spares List has been compiled to show up to date consolidated prices. The Sports Twin Models introduced for the 1958 Season are included in this list. Copies will be available shortly on application at a cost of 6s/- each, post free.

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TORQUE SPANNER SETTINGS

<u>Twin-cylinder Models</u>		
Cylinder head bolts ...		20 foot lbs
Big End Nuts ...		22 foot lbs
Centre web nuts ...		11 foot lbs
<u>Single-cylinder Models</u>		
Cylinder head bolts ...		38 foot lbs
Crankpin nuts ...		190 foot lbs
Scramble Engine Crankpin nuts ...		220 foot lbs
Rocker box bolts ...		10½ foot lbs

AMENDED 1960
6 FT/LBS

TWIN-CYLINDER CRANKSHAFT ASSEMBLY

Side clearance between the connecting rod and the crankshaft is occasionally confused with wear on the connecting rod bearing or on the crankshaft journals. The undermentioned dimensions indicate that the liberal side clearance is intentional, which has no relation to wear on the connecting rod bearing or journal.

	<u>high limit</u>	<u>low limit</u>
<u>Crankpin journal, nominal size</u>	=1.62575"	=1.62525"
<u>Centre web journal, -do-</u>	=1.62675"	=1.62625"
<u>Connecting rod, side clearance</u>	=.032"	=.026"
<u>Centre web, -do-</u>	=.012"	=.002"

continued ..

Issued by:

ASSOCIATED MOTOR CYCLES LTD · LONDON S.E.18

MANUFACTURERS OF A.J.S. AND MATCHLESS MOTORCYCLES

SERVICE BULLETIN 58/1 - continued

OIL LEAKS FROM GEAR BOX KICKSTARTER AXLE:

A modification to the kickstarter case has been introduced for the 1958 Models. 1957 Models that are affected with an oil leak from this part of the gear box, which persists after replacing the oil sealing ring, can be corrected by reducing the oil content from 20-ozs to 14-ozs.

SPORTS TWINS

An air vent is cast in the rear portion of the front chaincase. When machines of this type are used in competitions and where deep water is an included hazard, a length of flexible tubing should be attached to the vent and anchored to a convenient place on the frame, to prevent the entry of water.

ERRATA - 1958 INSTRUCTION BOOKS

Page 6 - IGNITION

Delete 17.7 mm. Add 12.7 mm.

Page 36 - VALVE TIMING

Delete "Use mark 2 for exhaust cam all Competition Models" Add "Use mark 1"

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March, 1958.