



## SERVICE BULLETIN AND TECHNICAL DATA

FWN/DD. 60/1

March, 1960.

### 1960 TWIN CYLINDER MODELS

#### VALVE SPRINGS

Valve springs for these models are dissimilar to those used previously as they are now of the "rated" type and can be identified by a yellow paint marking on one end of both the inner and outer spring. For correct assembly the spring end with the yellow marking is fitted to the bottom valve spring seat and located against the cylinder head.

**THESE SPRINGS MUST NOT BE FITTED TO ENGINES MADE BEFORE 1960.**

#### ROCKER CLEARANCE

For maximum engine performance the clearance is now .008" as opposed to .006" previously used.

#### ENGINE LUBRICATION

Engines with numbers between X1994 and X2619 have been issued with a hole drilled in the cylinder spigot on one cylinder only. This cylinder is fitted to the timing gear side of the engine. If the cylinder barrels are inadvertently reversed, over-oiling on the drive side cylinder will occur.

#### PISTONS

An improved type cylinder head with a modified valve angle, also pistons to suit, are used on the 1960 twin cylinder models. In consequence early type pistons must not be fitted to current type engines.

### 1960 SCRAMBLES MODELS 500cc.

#### FLY WHEEL ASSEMBLY

The nut retaining the small timing pinion has a RIGHT HAND THREAD on these models. A tab type lock washer is also used between the pinion and pinion retaining nut.

Issued by:

continued ..

ASSOCIATED MOTOR CYCLES LTD · LONDON S.E.18  
MANUFACTURERS OF A.J.S. AND MATCHLESS MOTORCYCLES

SERVICE BULLETIN 60/1 - continued:

1960 MODEL G5, MODEL 8, 350cc.

ENGINE

Early issues of these models were intentionally assembled with two cylinder head gaskets. The cylinder barrel length on subsequent models has been adjusted to accommodate one gasket only. For identification the overall cylinder barrel lengths (using either one or two gaskets) are shown under "DATA" in the Instruction Book.

GEAR BOX

Gear boxes with numbers after G6014 are fitted with a circlip (042900) encircling the kickstarter axle (042130), together with a thrust washer (042901). This alteration prevents pre-loading the kickstarter axle bush against the first gear pinion under the influence of the kickstarter return spring. With this arrangement the kickstarter spring can be positioned to increase the tension. New parts can be fitted to early type gear boxes.

1959 - 250cc. MODELS

The improved type roll-on centre stand can be fitted to early models. Replacements should be ordered under part number 042235 to ensure that all fittings for the conversion are supplied. If a stop lamp switch is in use it must be repositioned. An illustration showing the new location also fitting instructions will be issued.

MODELS G2, 14 - MODELS G5, 8

SIDE STAND

This component is now available, which can be fitted to both 1959 and 1960 models. The cost for the assembly, also separate items, is shown in the 1960 Spares List.

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SERVICE BULLETIN 60/1 - continued:SPARE PARTSPRICE REVISION

042006	Crankpin	(250cc. Std)	.. Now	£ 1: 13: 4d.
042007	Crankpin cage	(250cc. Std)	.. Now	£ 1: 3: -
022313	Crankpin	(500cc. Scrambler	.. Now	£ 1: 16: 3d.
019368	Crankpin	(7R)	.. Now	£ 1: 16: 3d.

Twin cylinder Head Gaskets

011715	Gasket	..	.. Now	3: 4d. ea.
022236	Gasket	..	.. Now	3: 4d. ea.

650cc. Twin Piston Rings

024241	Scraper Ring	(Two piece type)	.. Now	7: - pr.
024483	Scraper Ring	(Two piece type)	.. Now	7: - pr.
024484	Scraper Ring	(Two piece type)	.. Now	7: - pr.

ERRATA.1959 Spares List

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Engine sprocket 024263-4-5-6-7 should read  
023263-4-5-6-7

ERRATA .1960 Instruction Book

Pages

86 &amp; 87.

Owing to a printers error the caption for the wiring dia-  
grams in illustration 49 and 50 have been transposed.