

HINTS AND TIPS ON

SERVICE

For **BSA** Dealers

from **BSA** Incorporated, 639 Passaic Avenue, Nutley, N. J.

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SUBJECT: A50 - A65 MODEL CYLINDER HEAD GASKET FAILURE

When Cylinder head bolts and nuts are not re-tightened at the Pre-Delivery Check up and at the 500 mile Service Check there is a DANGER OF CYLINDER HEAD GASKET FAILURES.

You must remove the rocker box cover, exhaust rocker spindle and rocker and tighten the cylinder head bolts and nuts when you are preparing a new motor-cycle for delivery.

You must perform the same operation again at the 500 mile and 1500 mile Service Checks to eliminate the possibility of a cylinder head gasket failure which if or when does occur will inconvenience you and your customer. The gasket replacement job will take much more time than the three cylinder head bolt tightening operations at Pre-Delivery Service Checks and at the 500 mile and 1500 mile Service Checks.

The cylinder head, the gasket and the bolts will have taken a "set" by the end of 1500 miles of running and the final tightening operation will eliminate any possibility of further danger of a gasket failure.

The valve tappets must be checked and adjusted if necessary after the cylinder head bolts and nuts have been tightened.

The Recommended Torque Wrench Settings are as follows:

Cylinder head bolts - 3/8" - 25 LB./FT.
Cylinder head bolts - 5/16" - 25 LB./FT.
Cylinder head nuts - 3/8" - 26 LB./FT.

The sequence of tightening the cylinder head bolts is described and shown in the A50-A65 Instruction Manual on Page 28.

For your Torque Wrench and attachment requirements contact -P.A. Sturtevant Co. Addison, Illinois.

Please be sure to take this Preventative Maintenance advise to assure more complete owner satisfaction.

WB/jw

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