

SERVICE BULLETIN



THE
Indian
MOTORCYCLE COMPANY

Bulletin No. SVB-114/1

Model MM-5A and JC-5A

Subject Modifications

Date 11-20-72

MODIFICATIONS NECESSARY TO ASSEMBLE THE HIGH PERFORMANCE
ENGINE PARTS ON A MM-5A or JC-5A --- ORDER PART NUMBER
MM-5A-KIT --- MM-5A and JC-5A HOP UP KIT

Remove the stock cylinder head, cylinder and carburetor, replace the piston with piston kit A24-13 (standard (38.8) or A24-13/M(oversize) (39.0, .2, .4, .6, .8) pistons.

Install a new base gasket M2-10.

Install the cylinder M24-13 over the 4 studs.

Install the intake gasket M38-39.

Install the intake manifold M24-161-14.14.

Install a 58 (lean) through 59 (rich) main jet (part C1486-02) in the SHA-14.14 MM carburetor.

Install the carburetor onto the intake manifold.

Modify the M24-12 head according to instructions on page 3 with the exception of drilling the 1/4" hole into fins #1, 2 and 3. Then install head gasket M2-11, then set the head on the cylinder, locate the head mounting tab and drill a 1/4" hole through the fins, tighten down the cylinder head stud nuts to 8 foot pounds, then install the washers #25-4001 between fins #1 and 2 and 2 and 3, then install the engine mount bolt through the head mounting tabs and the head itself.

All of the main jet numbers are calculated using the high performance foam air cleaner RI102.

Use either a Champion L2-G or a NGKB8HS spark plug.

Use an oil ratio of 20 to 1.

The ignition timing should be set at 2.8 to 3 MM B.T.D.C.

