



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR #1732 ROCKER ARMS

JIMS SHOVELHEAD ROLLER ROCKERS RATIO OF 1.50
 STOCK RATIOS: (1.43) STOCK RATIO FROM 1966 TO ABOUT 1980
 (1.50) STOCK RATIO FROM ABOUT 1980-1984.



SHOVELHEAD ROLLER ROCKERS RATIO 1.50

By popular demand, JIMS® introduces roller rocker arms for Shovelheads. Designed to reduce friction in the valve train, providing more horsepower and less heat in the top end. Cast from 4340 chrome moly steel and heat treated. JIMS® Roller Rocker's feature a 660 bronze bushing fit to .0007" - .0012" for the best wear resistance and oil control, along with a roller tip made from bearing grade material to reduce valve guide wear and valve tip galling. Other features include a

segmented parabolic pushrod cup which reduces friction at pushrod end and also puts the load on the outer perimeter of pushrod ends, with full oil pressure at pushrod tip. Designed to work in conjunction with other JIMS® valve train components. Use JIMS® No. 17611-66B Rocker Arm Shafts, or equivalent. These rocker arms replace H-D® No's 17630-66A & 17375-66A.

1. Remove heads and rocker boxes from engine as per H-D®Service Manual.
2. Remove rocker shafts from rocker covers by first removing rocker arm shaft screw and o-ring from one side, then remove acorn nut and washer from other side.
3. Tap rocker arm shaft from cover being careful not to damage threads. Inspect shafts for wear and burrs, replace with JIMS® # 17611-66B if needed. Remove rocker arm and spacer. Remove old gaskets. Check for excessive wear at the valve stem tip and pushrod tips. Replace any valve train parts that are worn, bent, broken, pitted or discolored. Keep in mind that excessively worn parts at the pushrod ends and valve stem tips are an indication of wear at the valves and seats. This might be a good time for a valve job, and/or new valve springs etc.
4. Install JIMS® rocker arms with spacer. Use assembly lube on rocker shaft. Install shaft and tighten acorn nut. Use a new washer.
5. Check rocker end play. See H-D® Service Manual specs, adjust if necessary.
6. Check rocker arm to rocker box clearance.

NOTE: When installing a performance cam with high lift, you should always check for rocker arm to rocker box clearance. This can be done with clay or machinist dye. Keep in mind all rocker boxes are different due to casting differences. Minimum clearance .060". Remove material from the rocker boxes only. Also, if you are using a valve spring with a large diameter top collar check for clearance between underside of rocker arm to the edge of the top collar. Also check valve to valve at overlap (should have at least .035" to .040"). Then check valve to piston to have at least .060". All this must be performed with your valve train set with zero valve lash. If you have hydraulic tappets, adjust them to be solids for the above check. Readjust tappets after check per tappet instructions.

CAUTION: WEAR SAFETY GLASSES. EXCESSIVE FORCE MAY DAMAGE PARTS AND TOOLS. SEE JIMS® CATALOG FOR HUNDREDS OF OTHER TOP QUALITY PROFESSIONAL PRODUCTS AND TOOLS FOR USE ON HARLEY-DAVIDSONS®.

"From the Track... To the Street!"

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