



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR #2459-1, 2460-1 & 2461-1



POWER GLIDE™ TAPPET -STD O.D. IS .731”

No.2459-1 - USE ON BIG TWIN 1953-84, AFTERMARKET ENGINES.

No.2460-1 - OVERSIZE +.002”

No.2461-1 - OVERSIZE +.005”

JIMS® Power Glide™ replaces and surpasses H-D® No.18522-53 tappet body & H-D® No.17920-53 hydraulic unit. Use with JIMS® pushrods No.2404 for panhead or JIMS® No.2369 for shovelheads or H-D® style pushrods No.17904-66, or equivalent.

INSTALLATION & ADJUSTMENT INSTRUCTIONS

INSTALL TAPPETS PER H-D® SERVICE MANUAL

1. These tappets will work best in Jims® Tappet Blocks No.1095. See H-D service manual for running clearance.
2. Jims® Power Glide™ Tappet can also be run in H-D® blocks. see H-D service manual running clearance.

Caution: Some H-D® lifter blocks between 1978-84 have oil drain hole location problems.

3. Install lifters in tappet blocks with oil hole on tappet facing each other in the blocks.
4. Jims® Power Glide™ Tappets are assembled with a small amount of oil to ease in the adjustment.
5. With the Power Glide™ Tappet installed, start with the front tappet at the lowest point on the cam, extend the pushrod to zero lash (no up and down play, this is not moving the hydraulic unit from snap ring down).
6. Extend the pushrod adjuster 15 wrench flats if your pushrods have 24 threads per inch (H-D® pushrods have 32 threads per inch), Tighten locknut. See chart below for various pushrods and adjustment specifications based on thread pitch.

IMPORTANT NOTE: This adjustment will make the pushrod tight, which will bleed the hydraulic lifter. It will take 10-15 minutes, or longer, to bleed off. It is very important that the engine is not rotated while pushrods are tight. The pushrod will spin with your fingers after it has bled off properly.

7. Recheck lock nut, close covers and install clips.
8. Repeat exact procedure on rear set.
9. Turn motor over several times to pump oil into the Power Glide™ Tappet or until the oil light goes out, or oil is returning to the oil tank.

USE JIMS® No.2369 PUSHRODS ON SHOVEL MOTORS OR H-D® No.17904-66 OR EQUIVALENT
USE JIMS® No.2404 PUSHRODS ON PANHEAD MOTORS OR H-D® No.17905-53B OR EQUIVALENT

**CAUTION: USE 20W-50 MOTORCYCLE OIL AND CLEAN THE TAPPET FILTER SCREEN.
MAY ALSO BE USED WITH 50W OR 60W OIL**

For detailed hydraulic lifter and trouble shooting information see JIMS catalog pages 48 to 51 or website catalog at www.jimsusa.com

PUSHROD ADJUSTMENTS				
Threads per inch	Wrench Flats	Total Travel Distance	Distance Per Turn	Distance Per Flat
24	15	.1042"	.0417"	.0069"
28	17	.1011"	.0357"	.0059"
32	18	.0937"	.0313"	.0052"
36	21	.0965"	.0275"	.0045"
40	24	.100"	.025"	.0042"
52	30	.0962"	.0192"	.0032"

POPULAR PUSHRODS		
JIMS® Pro-lite	24	No.s 2380, 2400
Slim Jims	32	No.s 2404, 2369
Andrews	28	
Andrews	32	
Crane	28	New Time Savers
Crane	24	Old Time Savers
Crane	32	
H-D	32	
S & S	32	
Screamin Egl.	32	
Rivera	40	Taper Lite
Rev Tech	36	

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



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WARRANTY

All JIMS® parts are guaranteed to the original purchaser to be free of manufacturing defects in materials and workmanship for a period of six (6) months from the date of purchase. Merchandise that fails to conform to these conditions will be repaired or replaced at JIMS option if the parts are returned to us by the dealer (purchaser) within the six (6) month warranty period or within ten (10) days thereafter. In the event warranty service is required, the original purchaser must call or write JIMS immediately with the problem. Some problems can be rectified by a telephone call and need no further course of action. A part suspected of being defective must not be replaced by a dealer without prior authorization from JIMS. If it is deemed necessary for JIMS to make an evaluation to determine whether the part is defective, it must be packaged properly to prevent further damage and be returned prepaid to JIMS with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem, how the part was used and the circumstances at the time of failure. If after an evaluation has been made by JIMS and the part was found to be defective, repair, replacement or credit will be granted.

ADDITIONAL WARRANTY PROVISIONS

- 1.)** JIMS shall have no obligation in the event a JIMS part is modified by any other person or organization.
- 2.)** JIMS shall have no obligation if a JIMS part becomes defective in whole or in part as a result of improper installation, improper maintenance, improper use, abnormal operation, or any other misuse or mistreatment of the part.
- 3.)** JIMS shall not be liable for any consequential or incidental damages resulting from the failure of a JIMS part, the breach of any warranties, the failure to deliver, delay in delivery, delivery in nonconforming condition, or for any other breach of contract or duty between JIMS and a customer.
- 4.)** JIMS parts are designed exclusively for use in Harley-Davidson® Motorcycles. JIMS shall have no warranty or liability obligation if a JIMS part is used in any other application.
- 5.)** If it has been determined that one or more of the tappets needs to be returned to JIMS for inspection the following must be carried out before returning.
 - A)** As each tappet (one at a time) is removed from the engine it must be cleaned so it can be marked with grease pencil or a similar marker that will not come off during shipping.
 - Caution:** Do not use a scribe, electric pencil or any other type of marking that will damage the tappets surfaces, all warrants will be void if any permanent marking is used.
 - B)** Mark each tappet for its location i.e. front or rear, intake or exhaust; all marked for the side that was facing the cylinders.

Example: Rear Intake with a "C" on the side of tappet that had faced the cylinders, R/I/C

Note: If tappets have been revised and marked as above they will be repaired or replaced as required. If repaired and returned they must be installed in the same location they were removed from. If any are replaced they will be marked for there location.

Example: F/I, for front intake.

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