



**INSTRUCTION SHEET FOR TITANIUM PUSHRODS**

**INSTRUCTION SHEET FOR PART NUMBERS 2492, 2493, & 2504**

*Jim Thiessen* **SIGNATURE SERIES TITANIUM PUSHRODS  
FOR TWIN CAM 88™ OR EVOLUTION**



These pushrods are the latest in valvetrain technology from JIMS®. These pushrods are machined out of a special titanium alloy found in the medical field. This alloy results in a pushrod that is as strong as chromoly, but as light as JIMS® Pro-Lite aluminum pushrods. These pushrods have been developed due to the large demand for reducing reciprocating weight in the V-Twin Valvetrain.

**Note:** Please read all instructions before performing any work.

Application/ Year	Part No.	Ball-End Rocker	Ball-End Tappet	Thread	Weight
Use on all Twin Cam 88™ 1999-present	2493	3/8"	3/8"	24	67 Grams
Evo Single Cam 1984-99	2492	3/8"	3/8"	24	67 Grams
Sportster & Buell 1991-present	2504	3/8"	3/8"	24	67 Grams
Sportster 1986-90	2493	3/8"	3/8"	24	67 Grams

*Note:* All of JIMS® pushrods eliminate the need to disassemble the top end or remove the rocker arms to change tappets, tappet blocks, pushrod covers seals, and cams. These pushrods will work in the new "Taller" JIMS® Twin Cam stroker cylinders.

1. Refer to H.D.® Service Manual for specifications.
2. These pushrods were designed and engineered for use with JIMS® "Power Glide™", JIMS® Hydrosolids™ or stock replacement tappets.
3. If you are using these pushrods with JIMS® tappets No.1806, follow the adjustment instructions using 24 threads per inch adjustment.  
 Note: This adjustment will make the pushrods tight, which will bleed the hydraulic lifter. It can take five to fifteen minutes (or longer) to bleed off. It is very important that the engine is not rotated while pushrods are tight. The pushrod will slip with your fingers after the tappet has bled off. If you are using No.1800 Hydrosolid™ Tappets, follow the adjustment instructions with the Hydrosolids.
4. Recheck the lock nut, close covers and install clips.
5. Repeat exact procedure on rear set.
6. Turn motor over several times to pump oil into the "Power Glide™" tappets, until the oil light goes out or until oil is returning to the oil tank.

**Note:** On Sportster models, when using aftermarket collapsible pushrod covers you may find it easier to adjust pushrods by lifting conversion bases.

POPULAR PUSHRODS		
JIMS®	32	Slim-Jims
JIMS®	24	Pro-Lite
Andrews	28	
Andrews	32	
Crane	24	Time Savers
Crane	32	
H.D.	32	
S & S	32	
Rivera	40	Taper Lite

PUSHROD ADJUSTMENTS					
Distance per turn	Distance per flat	Threads per inch	Wrench Flats	Total Travel Distance	
.0417	.0069	24	15	.1042"	
.0357	.0059	28	17	.1011"	
.0313	.0052	32	18	.0937"	
.025	.0042	40	24	.100"	
.0192	.0032	52	30	.0962"	

**NOTE: IT IS THE BUILDER'S RESPONSIBILITY TO CHECK AND CONFIRM ALL OPERATING CLEARANCES WHEN INSTALLING ANY JIMS® PRODUCT.**