A. HY-REV™ HYDRAULIC LIFTERS

Patented hydraulic lifters feature a unique anti-pump up race retainer designed to replace the stock spring retaining clip which precisely limits plunger travel. The roller and axle are manufactured of bearing quality carbon/chromium steel, the pushrod seat is carbo-nitrided for severe service applications. High performance at a budget price.

91-837 For Evolution® Sportster® 1991 thru 1999. SOLD EACH
91-838 For Evolution® Sportster® 1991 / 1999. SOLD AS KIT OF FOUR

For Twin Cam 88® 1999 thru 2004 and XL 2000 thru 20004,
91-590 High Energy™ lifters (street). SOLD EACH
91-591 Pro Magnum™ (race).

B. CRANE HYDRAULIC TAPPETS

Steel billet body CNC machined for strength & durability. Micro-precision ball-type internal valving for superior lash control & sealing. Unique design stops tappet noise & increase durability.

91-547 For 1984 & later Big Twin and 1986 thru 1990 Sportster®. SOLD EACH
91-877 Big axle — designed specifically for high performance street applications in stock or mildly modified Evolution® engines. For 1984 & later Big Twin and 1986 thru 1990 Sportster®.
91-599 For Twin Cam 88® 1999 & later and 2000 & later Sportster® & Buell.

C. HYDRAULIC UNITS FOR BIG TWINS

Hydraulic roller tappet inserts are precision manufactured for original equipment performance & durability. Fits Pan & Shovel engines 1953 thru 1984. Replaces OEM 17920-53A.

91-605 Midwest hydraulic unit. SOLD EACH
91-555 Crane hydraulic unit.

D. EVOLUTION® BILLET TAPPET BLOCK KIT

WITH THE BIG AXLE POWERGLIDE™ TAPPETS

➤ Front & rear tappet blocks.
➤ 4 Big Axle “Powerglide™” tappets.
➤ Tappet block gaskets (not shown).
➤ Chrome tappet block screws (not shown).

Designed to accommodate a gross valve lift of .550” at the valves. This is about .350” at the tappets, leaving a clearance of .035” roller-to-block free play. (Please note: if using a cam with a higher lift, a simple modification is all that is needed.) These blocks will clear most small base circle cams having a lift of .600” or more.

Made from billet 7075-T651 aluminum with a tensile strength 3 times stronger than cast aluminum tappet blocks. These tappet blocks are machined to the center line of the cam and hold ±.002” Also, the bores are held perpendicular to the mounting flange to ± .0002”.

Add the precision quality of jims® “Big Axle” tappet and you can’t buy a better tappet block kit for your bike (gaskets and chrome screws included).

For the ultimate in valve train technology, and stability, add jims® Roller Rocker Arms (20 grams lighter than stock) and jims® billet cam cover (use with any Evolution® Big Twin adjustable pushrods).

This kit is for use on Big Twins 1984 & later.

91-749 With polished blocks. SOLD EACH
91-750 With the new chrome blocks.