

V-Twin Mfg.
Sifton Solid Lifter Kit
Fits 1991-2003 XL
VT Part No. 11-9544

This is a custom application and rider safety depends on proper installation. This product should only be installed by a knowledgeable and trained motorcycle technician. V-Twin Mfg. accepts no responsibility for improper installation.

Installation Instructions for Adjustable Pushrods (Evolution Engines)

1. Remove stock push rods first. This requires removal of gas tanks and also rocker boxes.
2. Since all four stock (non-adjustable) push rods are different lengths. they should be identified for reference.
3. Adjust each pushrod to its shortest length by turning tip in as far as possible before installation.
4. For EVO 80 Motors, the two shortest are intakes, the longest rod is intended for the front exhaust and the remaining pushrod fits the rear exhaust. EVO 80 aluminum rods are anodized with a gold color, the chromemoly steel rods are silver.
5. EVO Sportster adjustable aluminum rods are black; EVO Sportster chromemoly rods are silver. The two shorter rods are intakes, the two longer rods are exhausts.
6. With the new pushrods in place (and still adjusted short), rotate the engine so anyone cam lobe is positioned at its lowest lift point. Then adjust push rod tip longer to remove all slack. At this point the pushrod will be finger tight in the lifter.
7. When push rod is snug (seated at both ends), turn adjustment longer by 4 full turns. Tighten locknut using two 7/16 inch. wrenches. Do not exceed 15 ft. Lbs of torque.
8. If the valve unseated during the final adjustment, wait 10/15 minutes for hydraulic lifter to bleed down and seat the valve before adjusting the second valve.
9. Repeat this procedure for the remaining three pushrods.
10. With all four pushrods correctly adjusted, engine should turn freely without any binding.