

VT No. 11-9866 Adjustable Moly Pushrod Set

Installation instructions for standard version adjustable pushrods (Evolution engines)

1. Remove stock pushrods first. This requires removal of gas tanks and also rocker boxes.
2. Since stock (non-adjustable) pushrods may be different lengths, they should be identified for future reference.
3. Adjust each pushrod to its shortest length by turning tip in as far as possible before installation.
4. For EV-80 motors, the two shortest rods are intakes, the longest rod is the front exhaust and the remaining pushrod fits the rear exhaust. EV-80 aluminum rods are gold colored while the chrome moly rods are silver.
5. '91-up: EV Sportsters: adjustable aluminum rods are black; chrome moly rods are silver. For '91-up Sportsters, the two short rods are intakes; the longer rods are exhausts;
6. '84-'89 EV Sportsters; all four pushrods are the same length.
7. With the new pushrods in place (and still adjusted short), rotate the engine so any one cam lobe is positioned at its lowest lift point. Then adjust pushrod tip longer to remove all loose clearance. At this point, pushrod will be finger tight in the lifter seat.
8. When pushrod is snug (fully seated at both ends), turn adjustment longer by 3-4 full turns. Tighten locknut using two 7/16 inch wrenches. Do not exceed 15 ft. lbs. of torque!
9. 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. Repeat this procedure for the remaining three pushrods.
10. With all four pushrods correctly adjusted, engine should turn freely without any binding.