



## High – Lift Rocker Arm Installation Instructions

1. Remove spark plugs from each cylinder. Remove rocker arm covers and engine baffling as necessary.
2. Beginning with the cylinder that is currently at TDC – Compression (both valves fully seated), slide rocker shaft to the outside and remove both standard rocker arms.
3. Remove pushrods, pushrod tube retaining clip, and finally pushrod tubes along with the upper tube seals.
4. Using a pushrod with a dab of grease on the end, insert ball end into pushrod socket and remove from lifter bore.
5. Using a small extended finger grab tool, grip and remove hydraulic lash adjuster from lifter bore. Bleed oil from lash adjusters.
6. Re-install lash adjusters, pushrod sockets, pushrod tube seals, pushrod tubes, and pushrod tube retaining clip.
7. Oil pushrod ball ends and slide new pushrods into position, feeling that they seat into pushrod sockets. The larger end goes in the upper pushrod socket, smaller ball end seats to the rocker arm.
8. Install High-Lift Rocker Arms and slide rocker shaft back through, be sure both shaft thrust buttons remain in place.
9. Using a ¼" hex wrench, set valve lash to 0.050" for both intake and exhaust valves. While holding hex wrench at the proper lash position, tighten lock nut with ¾" open end wrench.
10. Rotate engine **backwards** through a full cycle and back to TDC – Compression, check valve lash for the proper setting.
11. Re-install rocker cover and continue on to the next cylinder.
12. When all cylinders are complete and engine is ready to be started, crank engine with starter and **mags cold / mixture @ ICO** to allow oil to flow back into the lash adjusters. Once your oil pressure gauge reaches 20 psi via cranking, the engine is safe to start. Maintain a comfortably low rpm setting so that oil can flow back into rocker area before increasing engine speed.

If you have any questions about the installation procedure or special requirements for your installation, please contact us:

1 (540) 297-6754  
sales@skydynamics.com