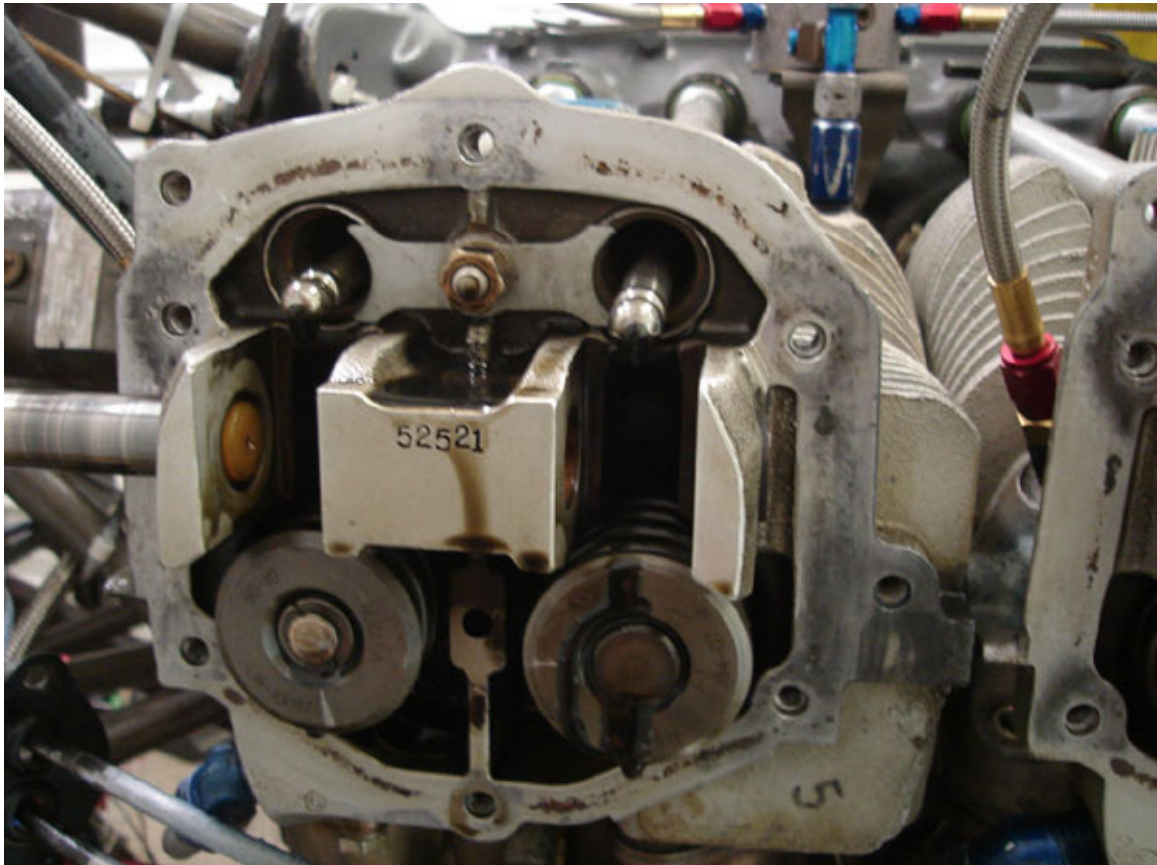




# Solid Lifter Conversion Installation Instructions

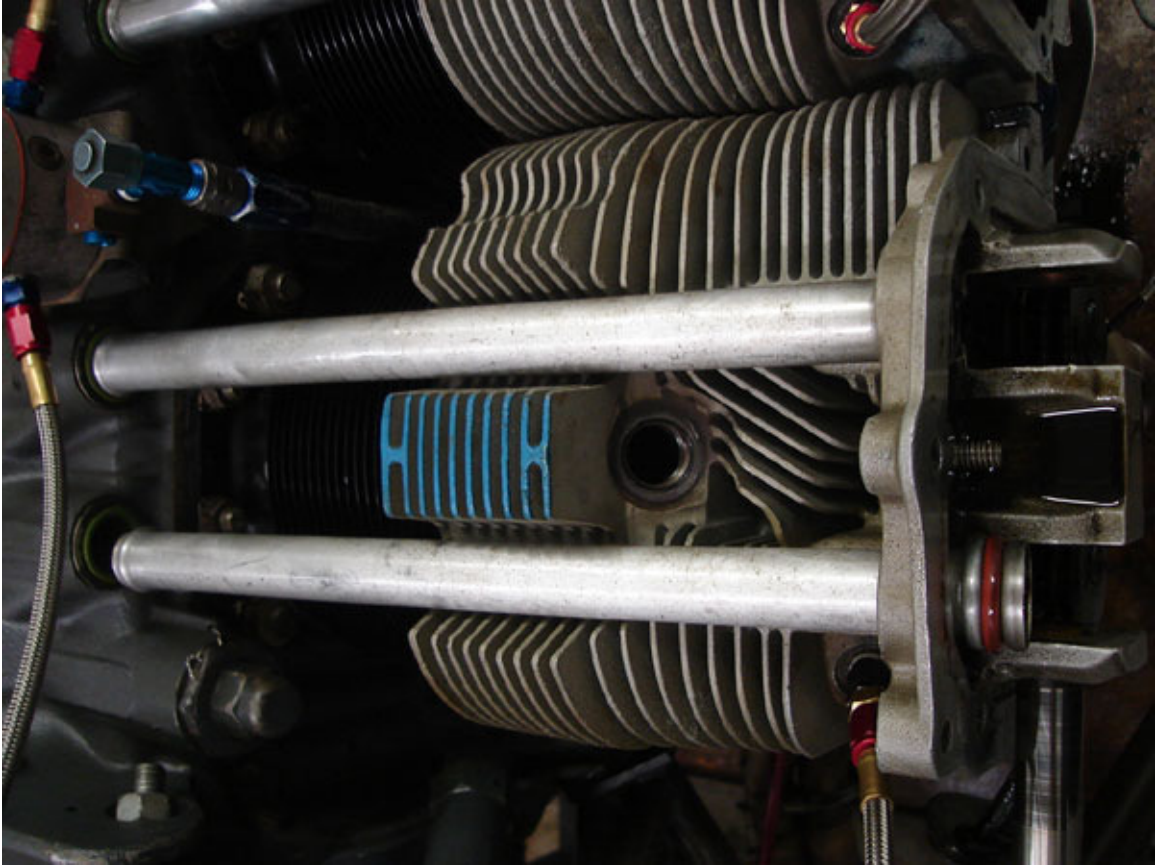
## Parallel-Valve Lycoming Engines

1. Remove spark plugs from each cylinder – this makes it safe and easy to spin the engine. Remove rocker arm covers and engine baffling as necessary.
2. Starting with the cylinder that is at TDC with both valves fully closed, slide rocker pin to the outside and remove rocker arms.

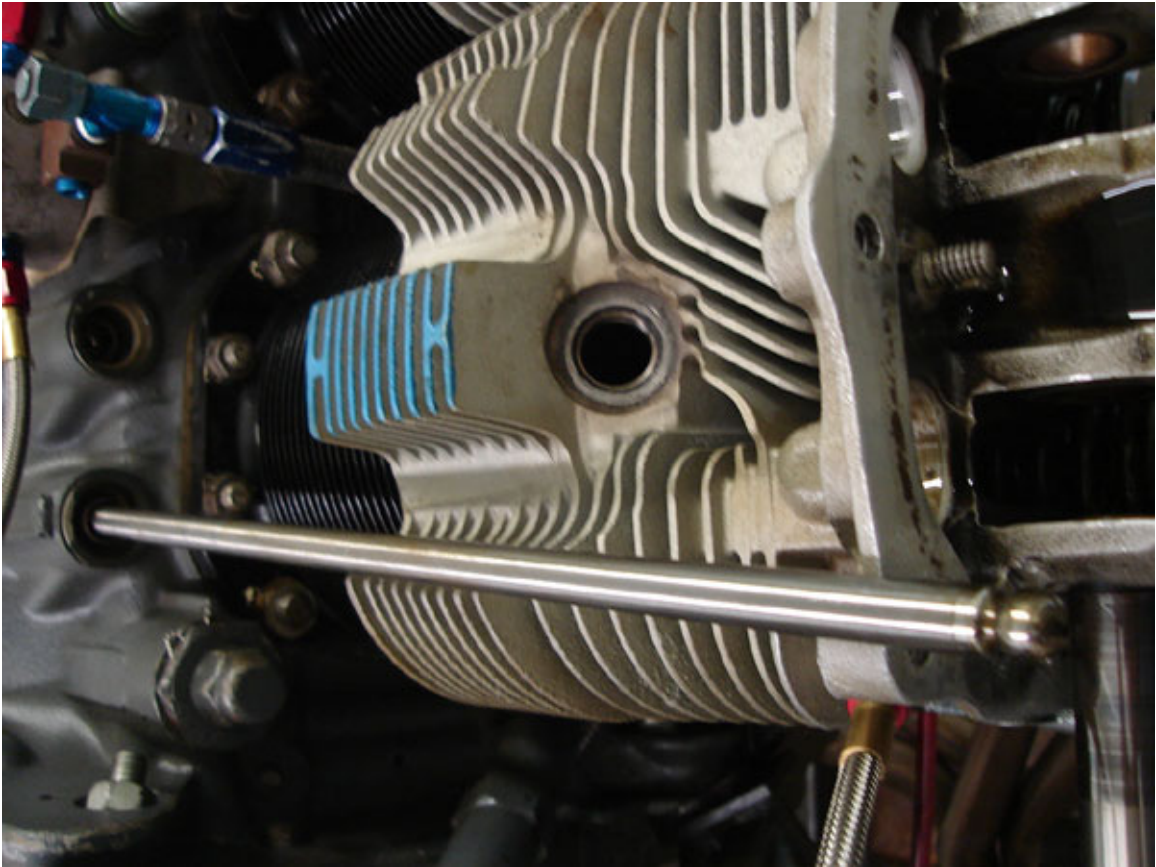


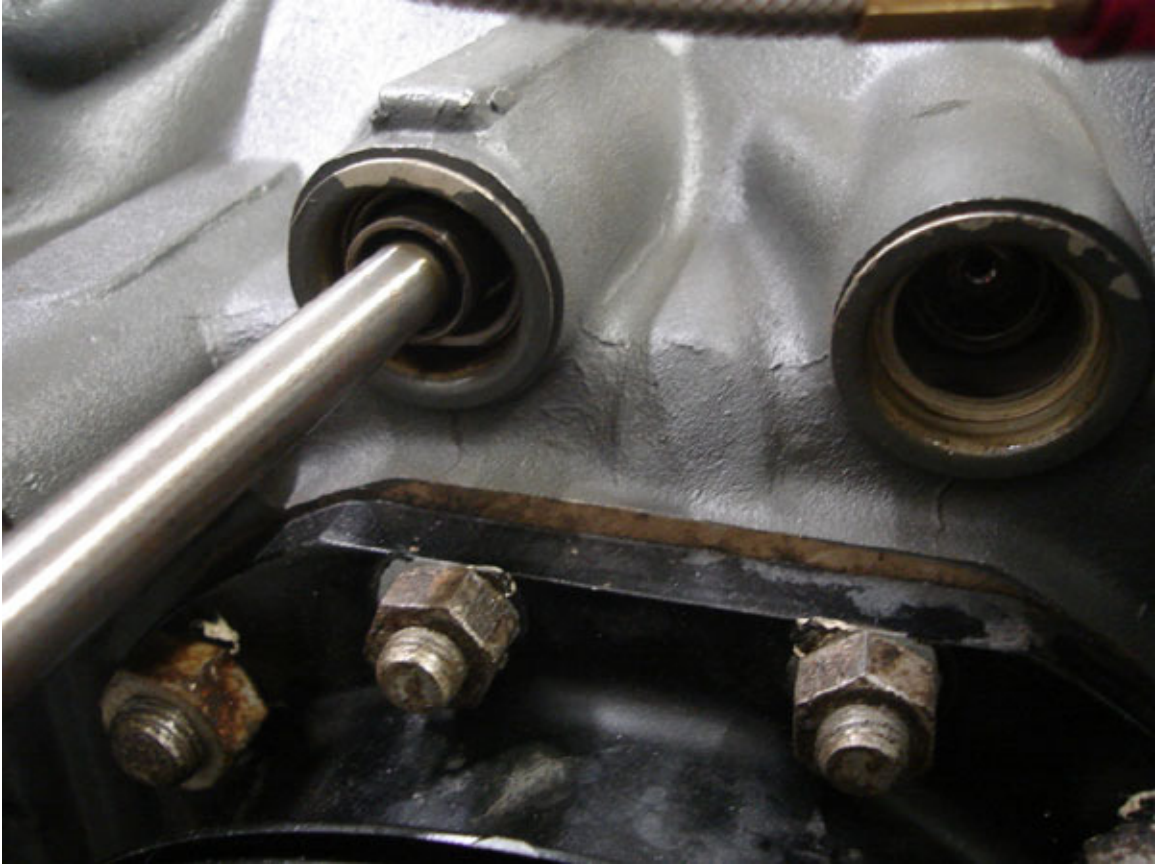
3. Loosen and remove nut holding pushrod tube lock, slide lock plate off of stud.

4. Remove pushrods. Slide pushrod tubes out away from the engine case by tapping lightly on the backside of tube flare. When tubes are out, remove oil seals from outside of lifter bore.

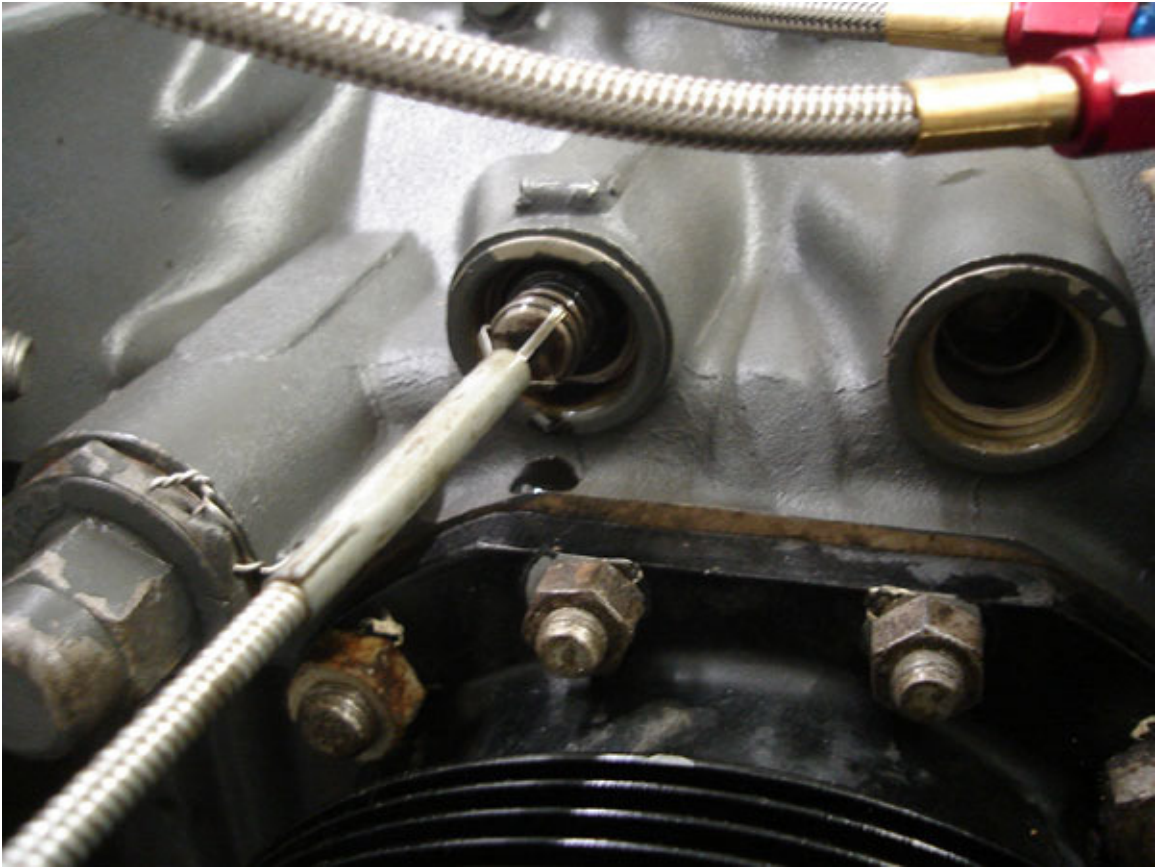


5. Remove pushrod caps from lifter bore by placing a small dab of grease on the end of a pushrod. Then engage cap with pushrod, turning pushrod while pulling gently forms a suction and pushrod cap will slide out.





6. Remove hydraulic lash adjusters (lifters) using small extended grab tool.



7. Apply oil to outside surface of solid lash insert and slide into lifter bore.

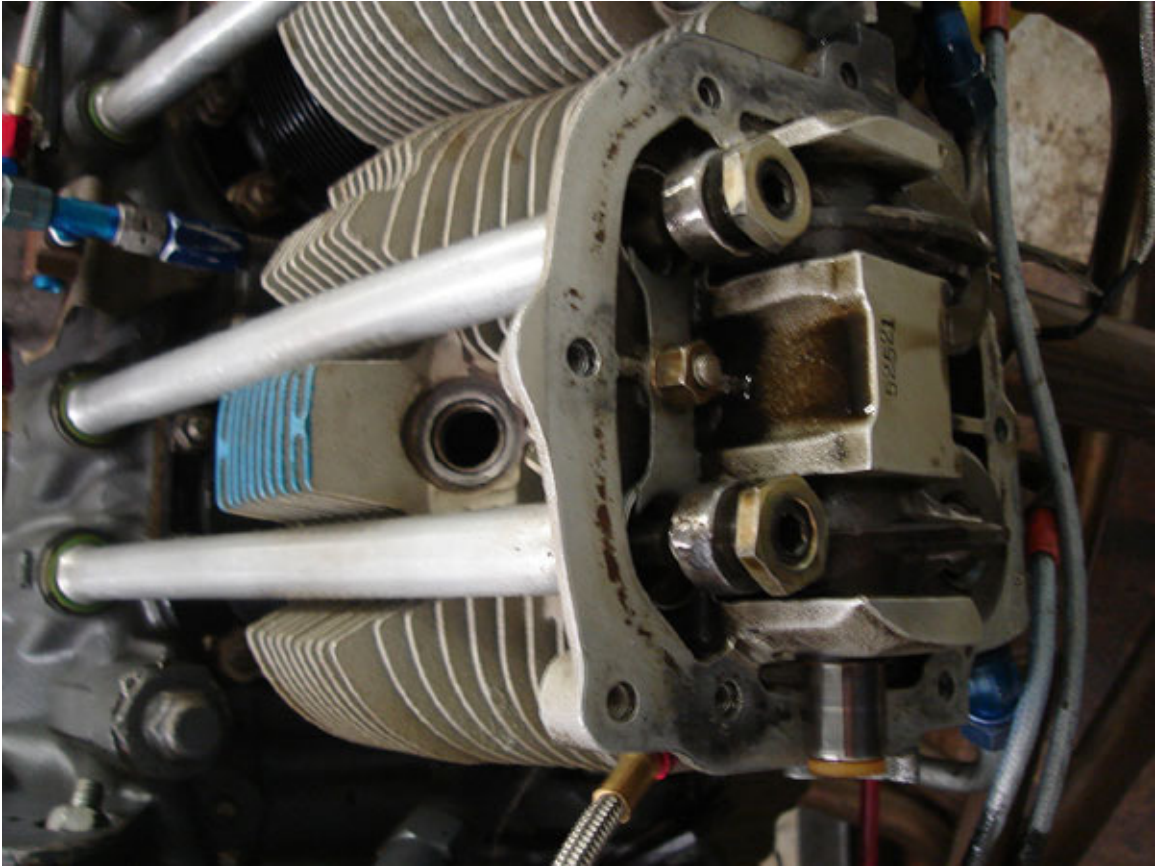


8. With both solid lash inserts fully installed in their lifter bores, slide pushrod end cap onto solid insert.



9. Install pushrod oil seals at end of lifter bore, then re-install pushrod tubes. Re-install pushrod tube lock plate.

10. Lube new pushrods and slide into place. Loosen adjustment nut and install high-lift rocker arms by sliding rocker pin back into place.



11. With cylinder still at TDC, slide 0.006" feeler gauge between exhaust valve stem cap and rocker tip. Tighten adjustment screw with 1/4" hex wrench and lock in place with nut, feeler gauge should slide out using light force. Repeat on Intake side using 0.005" feeler gauge.

