



Hydraulic Roller Lifter Kit
For Small Block Chevy, Big Block Chevy and Small Block Ford
Catalog #s 97383, 97443, & 97453
INSTALLATION INSTRUCTIONS

- **PLEASE** study these instructions carefully before installing your new Edelbrock Hydraulic Roller Lifter Kit. If you have any questions or problems, do not hesitate to contact our **Technical Hotline** at: 1-800-416-8628, from 7am-5pm PST, Monday-Friday, or via e-mail at: **Edelbrock@Edelbrock.com**
- **Description:** These precision self-aligning hydraulic roller lifter kits are the perfect match for Edelbrock Performer RPM hydraulic roller lifter camshafts. The kit is a retrofit kit for engines not originally equipped with a hydraulic roller camshaft and lifters. Kit contains 8 hydraulic roller lifter assemblies, consisting of one intake and one exhaust lifter connected with a tie bar. They may also be used with other manufacturer's roller camshafts. (**Note:** *Shorter than stock pushrods are required to retrofit these lifters.*)

Installation Notes

- When installing these hydraulic roller lifters, make sure the guide bar faces the opposite side of the block. (Example: If facing the front of the engine, lifters being installed on the left side, should have guidebars facing the right side of the block)
- Refer to a service manual for your particular application or see instructions for the camshaft being used for directions on removal and installation of lifters. These lifters do not replace original flat tappet lifters, and may only be used with hydraulic roller camshafts.
- Roller camshafts in Chevrolet engines require a Thrust Button to control camshaft end play. Check camshaft end play with the timing cover and timing cover gasket in place. End play should be kept between .005" and .008". Check end play without the roller lifters installed. If end play is excessive, a thinner timing cover gasket may be used to correct end play.
- Most Ford engines use a thrust plate to control end play, and do not require the use of a thrust button. Check end play clearance according to factory specifications.
- When installing these lifters on Ford 289-302 engines, the cylinder heads must be removed to gain enough clearance to install the lifters. Refer to a factory service manual for your particular vehicle/engine for cylinder head removal instructions.
- Install the lifters using a high quality engine oil. Briefly dip the lifters in fresh, clean oil just before installation. Do not soak the lifters for a long period of time before installation.
- Hydraulic roller lifters require adjusting the lifter preload. Adjustable rocker arms or pushrods are required. Adjust lifter preload one cylinder at a time. Hand rotate the engine until the #1 cylinder at TDC firing position (Both #1 lifters are down in the lifter bores). You may now adjust intake and exhaust preload on that cylinder as follows: You need to set rockers at zero lash. While tightening the rocker nut, spin the pushrod, when you feel resistance, you are at zero lash. Tighten rocker nut one half to three quarters of a turn past zero lash. (**Note:** *Adjustable roller rockers are recommended.*)

PLEASE complete and mail your warranty card. Be sure to write the model number of this product in the "Part # ____" space. **THANK YOU.**

Edelbrock Corporation
2700 California St. • Torrance, CA 90503
Tech Line: (800) 416-8628 • E-Mail: Edelbrock@Edelbrock.com