



QUICK FUEL FABRICATED VALVE COVERS INSTALLATION INSTRUCTIONS

LIST OF INCLUDED PARTS:

QTY.	PART DESCRIPTION
2	FABRICATED VALVE COVER w/ QFT LOGO, NON EMISSIONS
1	WARRANTY STATEMENT – 90 DAY
1	INSTALLATION INSTRUCTIONS

RECOMMENDED TOOLS FOR INSTALLATION:

3/8" Ratchet Handle	Scraper Blade
1/2" Standard or Deep-Well Socket	Adhesive Gasket Sealant
6" Socket Extension	Torque Wrench

To preserve the warranty, these instructions must be read and followed thoroughly BEFORE and DURING installation.

CAUTION! If your engine has non-standard valve train components, such as a high-lift camshaft, roller-tip rocker arm, higher lift ratio rocker arms, stud girdles, etc., there may be insufficient clearance when using the Quick Fuel aluminum valve cover. You must check all internal clearances according to steps 8-11 below.

WARNING! INSUFFICIENT CLEARANCE TO MOVING VALVE TRAIN COMPONENTS COULD LEAD TO PART BREAKAGE AND RESULT IN SERIOUS ENGINE DAMAGE.

Part #	Item Description
128-21QFT	QuickFuel Fabricated Aluminum Tall V/C short bolt PR natural (silver) Ford FE 390/427/428 w/ breather hole
128-21BQFT	QuickFuel Fabricated Aluminum Tall V/C short bolt PR black Ford FE 390/427/428 w/ breather hole
128-22QFT	QuickFuel Fabricated Aluminum V/C PR natural (silver) 65/95 BBC 396-502 w/ 1/4" thick billet rail w/ breather hole
128-22BQFT	QuickFuel Fabricated Aluminum V/C PR black 65/95 BBC 396-502 w/ 1/4" thick billet rail w/ breather hole
128-24QFT	QuickFuel Fabricated Aluminum V/C PR natural (silver) SBM 273/318/340/360 w/ breather hole (exc. Magnum)
128-24BQFT	QuickFuel Fabricated Aluminum V/C PR black SBM 273/318/340/360 w/ breather hole (exc. Magnum)
128-23QFT	QuickFuel Fabricated Aluminum V/C PR natural (silver) 65/95 BBC 396-502 w/ 1/4" thick billet rail w/o breather hole
128-23BQFT	QuickFuel Fabricated Aluminum V/C PR black 65/95 BBC 396-502 w/ 1/4" thick billet rail w/o breather hole
128-25QFT	QuickFuel Fabricated Aluminum V/C PR natural (silver) BBM long bolt 383/400/440 w/ breather hole
128-25BQFT	QuickFuel Fabricated Aluminum V/C PR black BBM long bolt 383/400/440 w/ breather hole
128-26QFT	QuickFuel Fabricated Aluminum V/C PR natural (silver) BBF 429/460 w/ breather hole
128-26BQFT	QuickFuel Fabricated Aluminum V/C PR black BBF 429/460 w/ breather hole
128-27QFT	QuickFuel Fabricated Aluminum Valve Cover Flat Top pr natural (silver) SBC w/breather hole
128-27BQFT	QuickFuel Fabricated Aluminum Valve Cover Flat Top pr Black SBC w/breather hole
128-28QFT	QuickFuel Fabricated Aluminum Valve Cover Flat Top pr natural (silver) w/o breather hole SBC
128-28BQFT	QuickFuel Fabricated Aluminum Valve Cover Flat Top pr Black SBC w/o breather hole
128-29QFT	QuickFuel Fabricated Aluminum Tall V/C PR natural (silver) SBF w/ breather hole
128-29BQFT	QuickFuel Fabricated Aluminum Tall V/C PR black SBF w/ breather hole
128-30QFT	QuickFuel Fabricated Aluminum Tall V/C PR natural (silver) SBF w/o breather hole
128-30BQFT	QuickFuel Fabricated Aluminum Tall V/C PR black SBF w/o breather hole

INSTALLATION INSTRUCTIONS:

CAUTION! Never work on a hot engine. Open hood and allow all components to cool before installing.

1. Remove any oil fill caps or wires that are attached to the existing valve cover.
2. Remove the existing valve cover hardware and covers, then carefully clean any gasket material that adheres to the head surface. Do not allow any gasket debris to enter the engine.
3. Install the new valve cover gaskets in the Quick Fuel Aluminum valve covers using an adhesive type gasket sealant (if applicable).
4. If you are using 100% stock valve train components, then install valve covers. **If any parts of the valve gear are aftermarket, see steps 8-11 to ensure proper clearances.**
5. Torque the valve cover bolts to 5-6 ft./lbs., making sure gaskets do not slip out of position. Proper torquing will help to ensure that your covers do not leak oil.
6. Re-install any applicable items removed in Step 1.
7. Start the engine and carefully check for any signs of oil leakage.

-
8. Place small pieces of modeling clay on any protruding areas of the valve train (both moving and stationary). Include the following: both tips of the rocker arms, the pushrods (closest to the valve cover flange surface), on the rocker arm studs, or on the rocker shaft attachments. In general, check all the points that you are not sure about.
 9. Install the valve cover, using the correct gasket and tighten the valve cover hardware to 5-6 ft./lbs. of torque. Turn the engine over by hand or with a SHORT lever, at least two full revolutions of the flywheel. Removing the spark plugs is advised.

CAUTION! Be alert for any signs of unusual binding as the engine is turned. If binding occurs; stop turning immediately, remove the valve cover, and check the clay pieces. **DO NOT FORCE THE ENGINE TO TURN.**

10. After two complete revolutions, remove the valve cover and check the clay thickness with a depth micrometer, or suitable instrument. Clay should compress to no thinner than .080" at any point for moving **parts, and no thinner than .040" for stationary parts.**

NOTE: If the clearance is not acceptable according to Step 10, Quick Fuel recommends that you install a spacer to increase clearance to the valve cover.

11. If valve train clearance is acceptable, carefully remove all traces of the modeling clay from the engine. Return to step 5 and complete the installation.

Please contact us if you have any questions or concerns:

Quick Fuel Technical Support
Phone: 1-270-781-9741
www.quickfueltechnology.com

199R11268
Date: 2-8-16