

Part # LI-0130

Instruction Sheet for Part Numbers 17-2770 and 17-2775: “Bolt from the Bottom” Spin-On Oil Filter Conversion Kits

Remove the canister, springs, plates, Circlip, felt washer, and everything else attached to the filter housing.

Remove the old O-ring and ensure that the O-ring groove is perfectly clean. Coat the new o-ring with clean oil before pressing into its groove.

Place the 7/16” star lock washer on end of the hold-down bolt. Thread the hold down bolt into the filter housing, and tighten by hand.

Slip adaptor plate over the hold-down bolt, and tighten the hold-down bolt with Channellock® (tongue and groove-type) pliers about one-quarter turn, or until the lock washer is compressed. Tap the adaptor plate with a rubber or plastic hammer. This will assist seating the adaptor plate against the O-ring gasket. If resistance is felt, you may have to use some fine sandpaper to smooth the 1 ½” sleeve protruding down from the filter housing. (The oil filter castings are inconsistent – some may require this minor modification.) Lubricating the sleeve will help when sliding the adaptor plate over it.

Thread nut, with Schnorr lock washer, on to the hold-down bolt. The beveled Schnorr washer must be installed such that the OD touches the aluminum adaptor plate and the ID touches the hold-down nut. The machined side of the nut must go against the Schnorr washer.

Tighten by hand with a deep-well 1 ½” socket while tapping the aluminum adaptor plate with a rubber or plastic hammer. **DO NOT USE A HAMMER AND CHISEL TO TIGHTEN THE HOLD-DOWN NUT.** If the deep-well socket does not fit into the recess of the aluminum adapter plate, a small amount may have to be removed from the OD of the socket. A properly fitting deep-well socket is the only accepted means to tighten the hold-down nut.

Once you are certain the adaptor plate is well seated and tight against the O-ring, tighten the hold-down nut to 46 to 50 foot-pounds. That will be enough to flatten the beveled lock washer, and seal the O-ring. Anything more than 50 foot pounds is unnecessary, and may put undue stress on the brass thread in the filter head.

Coat rubber seal of spin-on filter with clean engine oil and attach. Do not use grease, as this may cause the rubber gasket to decompose. After the rubber gasket has touched the aluminum adaptor plate, tighten ¾ of a turn. Filter numbers: WIX 57106, NAPA 7106, CARQUEST 84106, BALDWIN B7131.

Note: To reduce dry start time, it is advisable to fill the spin-on filter with oil before installing.

Start engine, and check for leaks.

If any problems are experienced with the installation, call (903) 647-2476 for assistance.