Supplemental Information & Instructions
for
635-828 or TT10861 Description
TR3 from TS12649E on, TR4, TR4A
Will not fit TR2, or TR3 to TS12649E

Contents of the Kit

635-827 CNC machined aluminum adapter plate (Fig 1.1)
Adapter bolt, Tecalemit Filter head (3/8-24 or UNF) (Fig 2.1)
Adapter bolt, Purolator Filter head (3/8-16 or UNC) (Fig 2.2)
435-347 Sealing ring, adapter plate to Purolator filter head, square cross-section (Fig 1.2)
(OD 3.15 inch, wall thickness 0.087-0.090 inch. This is the thicker one)
021-467 Sealing ring, adapter plate to Tecalemit filter head, square cross-section (Fig 1.3)
(OD 3.15 inch, wall thickness 0.075 inch This is the thinner one)
635-807 O-ring, seals the adapter center to the filter head, round cross-section (Fig 1.4)
(OD 1.57 inch)
980-185 Instruction Sheet (this one)
Installation Instructions

1. Remove existing oil filter canister and sealing ring. Be sure you get the entire old sealing ring out of the groove. If you don’t, you will have an oil leak.
2. Determine whether you have a Tecalemit (Fig 1) or Purolator (Fig 2) filter head.

If You Have a Tecalemit Filter Head (Fig 3)

3. Place the 021-467 sealing ring (Fig 1.3) in the groove in filter head.
4. Fit the 635-807 o-ring (Fig 1.4) in the recess in adapter.
5. Hold the adapter plate up to the filter head.
6. Put some blue Loctite on the threads on the 3/8”-24 (UNF) stud on the adaptor bolt (Fig 2.1).
7. Thread the adapter bolt through the adapter plate into the filter head.
8. Tighten it with a torque wrench
   DO NOT EXCEED 11-12 lbs-ft.
   If over tightened, you may pull the central stud out of the adaptor bolt.

If You Have a Purolator Filter Head (Fig 4)

4. Place the 435-347 sealing ring (Fig 1.2) in the groove in filter head.
5. Fit the 635-807 o-ring (Fig 1.4) in the recess in adapter.
6. Place adapter plate in position on filter head.
7. Put some blue Loctite on the threads on the 3/8”-16 (UNC) stud on the adaptor bolt (Fig 2.2).
8. Thread the adapter bolt through the adapter plate into the filter head.
9. Tighten it with a torque wrench
   DO NOT EXCEED 11-12 lbs-ft.
   If over tightened, you may pull the central stud out of the adaptor bolt.

Both

10. Fit new spin-on filter in accordance with filter manufacturer’s instructions.

We recommend that you use either 235-830 K&N Oil Filter (best), 235-855 Wix Oil Filter, or a 235-880 Fram Oil Filter. However, any other spin-on filter may be used which has the same ¾ UNF thread, and an internal bypass valve.