



2002 Mitsubishi Fuso Four Cylinder Turbo Diesel

AMSOIL Dual Remote By-Pass Filter System

Submitted by AMSOIL Dealer Tom Georgalos

Installation @ Lee Myles Transmission & AutoCare, Salinas, CA

Components:

- BMK-12 AMSOIL By-Pass Filter Kit
- 1/8" NPT male - JIC male (included in BMK-12) x 2
- AMSOIL EaBP90 By Pass Oil Filters x 2
- Donaldson P502008 Spin on Combination Oil Filter
- 90 Degree JIC Re-usable hose ends x 2
- 16 gauge flat steel stock
- L-channel steel

I used the BMK-12 system, which now gives this vehicle 3 oil filters. The Donaldson filter has an internal by-pass filter (combination) as well. The owner was changing the oil in this commercial vehicle every 5,000 miles. We are now going to sample oil at 20,000-mile intervals and keep this truck on the road making money. This truck is using 15W/40 AMSOIL Synthetic H.D. Diesel & Marine Oil (AME). Capacity is up from 10 quarts to 13 quarts.

Execution:

- Remove, Drill and tap stock oil filter adaptor for 1/8" NPT
- Remove, Drill and tap valve cover for 1/8" NPT
- Install 1/8" NPT male-to-male JIC fittings in both tapped holes.
- Fabricate steel bracket and weld; BMK-12 will mount to this surface.
- Attach steel mounting plate to stock Mitsubishi brackets in front of radiator; crossmember to frame rail. Improvise with proper fasteners.
- Install kit per instructions, using 90-degree JIC reusable hose ends on oil filter adaptor and valve cover connections.
- Fill with your favorite Amsoil and check for proper flow and pressure.

The kit was very complete & I love the way the hose ends go together. I could have used more fittings from the kit, yet I went to my local hydraulic shop and simplified the installation a bit with two JIC 90-degree re-usable hose ends.





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