



By-Pass Filter Installation

2007 Nissan Titan 5.6 CI V8

AMSOIL Dual Remote By-Pass Filter System

Submitted by Dealer Tom Georgalos

Components:

- BMK-13 AMSOIL Oil By-Pass Filter Kit
- BK-11 90-degree fittings
- EaBP-90 AMSOIL By-Pass Oil Filter
- EaO-34 AMSOIL Full-Flow Oil Filter
- GM-style wire loom harness protector for oil lines
- Series 2000 OW-30 AMSOIL Synthetic Motor Oil

We used the BMK-13 system. By using this system we able to upgrade the full-flow filter to a larger filter and get away from the very small Nissan/Mazda filter. The biggest challenge was that vehicle was four-wheel drive, so we tucked the mount way up outside the driver's frame-rail. There is a small pocket inside the frame rail that gave us that small edge in making this a clean installation. By pre-assembling the brackets and then tack welding the nuts to the top of the bracket we could get the installation in a higher location and merely run the bolts up through. Capacity is up from 6.5 quarts to 9 quarts.

The main full-flow filter is an EaO-34; this is a drastic improvement over the stock Nissan filter being specified. The EaBP-90 brought oil capacity to a total increase of 38% more oil. I guided my customer to use TSO OW-30 Series 2000 Motor Oil.

Execution:

- Mount BMK-13 in a pocket high up outside drivers side frame-rail. Spot-weld nuts atop mounting bracket to aid installation and locate system and still give the most ground clearance. Bolt up the BMK-13 filling both filters with the AMSOIL of your choice.
- Utilize 90-degree fittings at the oil filter adaptor, which mounts on the engine block in front.
- Slide on GM wire loom sleeve on hoses where you think it will benefit long-term use.
- Fill with your favorite AMSOIL and check for proper flow and pressure.



Installation was kept nice and high inside drivers outer frame rail.

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