

Ford Super Duty 4x4 Fumoto Quick Oil Drain Valve Install

2004 F250 4x4 XLT Sport Crew Cab

[Back to 2004 F250 Main Page](#)

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Since I plan to keep this truck for a long long time, I decided to install a Fumoto quick drain valve in place of the oil drain plug. I figured over the lifetime of oil changes this might save a problem with the oil pan threads down the road.

Since there's not much to the drain valve install, I decided to put up a few pics of the oil change as well.

TOOLS & PARTS I USED

- 5/8" socket & ratchet (for drain plug removal)
- oil filter removal tool
- Adjustable Wrench
- Drain pan
- Several rags
- Fumoto # F-106 drain valve with pipe extension
- Mobil 1 5W20 oil, 6 quarts
- Motorcraft FL-620S oil filter
- Funnel

PROCEDURE

Here's a few pics of the "Fumoto Quick Oil Drain Valve"

In the closed position. Note how the lever is spring loaded and locked in position.



In the open position



Now on to the actual installation...

We'll start with the typical oil change procedure. After warming up the truck, slide the drain pan under the oil pan and remove the drain plug with the 5/8" socket & ratchet. I also always loosen the oil cap during this part.





Then remove the oil filter with the removal tool. Look to make sure the old gasket came off with the filter.



Once the oil has completely drained, install the new drain valve.



I put a plastic cap over the end of it to keep dirt and other stuff out of there.



After looking at it, I had the same thoughts as some others.... what if this thing jumps loose somehow? So, I put a cable tie around it to maybe keep it from bouncing loose. More than likely unnecessary but it certainly doesn't hurt anything.



Next, install the new oil filter. I always put about 1/2 quart in it before putting it on. Here's a shot of it with the Fumoto in the background.



Finally, refill the engine with the new oil. I always put about half of the 5 qt jug in and check for leaks. Then pour the rest in, let it settle, and check the oil level. If you drained it all out, it should still want the 6th quart.



Questions or Comments? Email jmray@frontiernet.net