



advanced FLOW engineering

Instruction Manual P/N: 46-70320 / 46-70322

Make: **Ford** Model: **Super Duty F-250/F-350** Year: **2011-2021** Engine: **V8-6.7L (td) Power Stroke**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Oil Pan (Black Machined Fins)	05-60719B
A2	1	Oil Pan (Unpainted Machined Fins)	05-60719A
B	1	Plug, 1/2" NPT	03-50249
C	1	O-Ring, Buna-N (1280)	03-50557
D	15	Screw, Socket Head Cap: M6	03-50556
E	15	Washer, M6	03-50177
F	1	Washer, Aluminum: M12	03-50384
G	1	Plug, M12 x 1.25	03-50385
H	1	Oil Filter	44-LF024

Installation will require the following tools:

14mm socket, 10mm deep socket, 6mm hex driver, socket driver, 3/8" drive ratchet, 1/2" drive ratchet, 6" socket extension, Teflon tape, gasket scraper, oil drain pan.

Warranty Information available at: <https://afepower.com/contact#warranty>

A1



B



C



D



A2



F

F



H



G



E



Figure A

Refer to Figure A for steps 1-2

Step 1: Park your vehicle on a flat dry surface. You will need to block the tires to prevent the vehicle from rolling.

NOTE: You will need to get under the vehicle to do this installation. Please use every precaution when lifting vehicle.

Step 2: Place a drain pan under the oil pan. Remove the drain plug using a 3/8 ratchet and allow the oil pan to drain (about 13 quarts)



Figure B

Refer to Figure B for steps 3-4

Step 3: Using an 10mm socket with a 6" extension, remove the 15 bolts and factory oil pan.

Step 4: Clean oil pan gasket surface, be careful not to gouge surface while cleaning.



Figure C

Refer to Figure C for step 5-7

Step 5: Lightly coat the supplied O-ring with oil and install in the aFe pan.

Step 6: Install the aFe oil pan with the supplied cap screws and tighten to 7-10 ft. lbs.

Step 7: Install the M12 drain plug with M12 washer.

INSTALL



Figure D

Refer to Figure D for step 8

Step 8: Install the 1/2" NPT plug into the side of the oil pan.

NOTE: If an engine oil pan heater is desired install it in the 1/2" NPT port.



Figure E

Refer to Figure E for step 9

Step 9: Apply a light coat of engine oil to the oil filter seal and install oil filter. Refer to instructions on side of filter.



Figure F

Refer to Figure F for steps 10-11

Step 10: Install new oil into the oil fill on the vehicle (approximately 15 quarts). Make sure you have the proper level of oil on the oil dip stick. Check the pan for any leaks.

Step 11: Your installation is now complete. Drive at least 25 miles and check oil level using factory oil dip stick and fill if necessary.



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