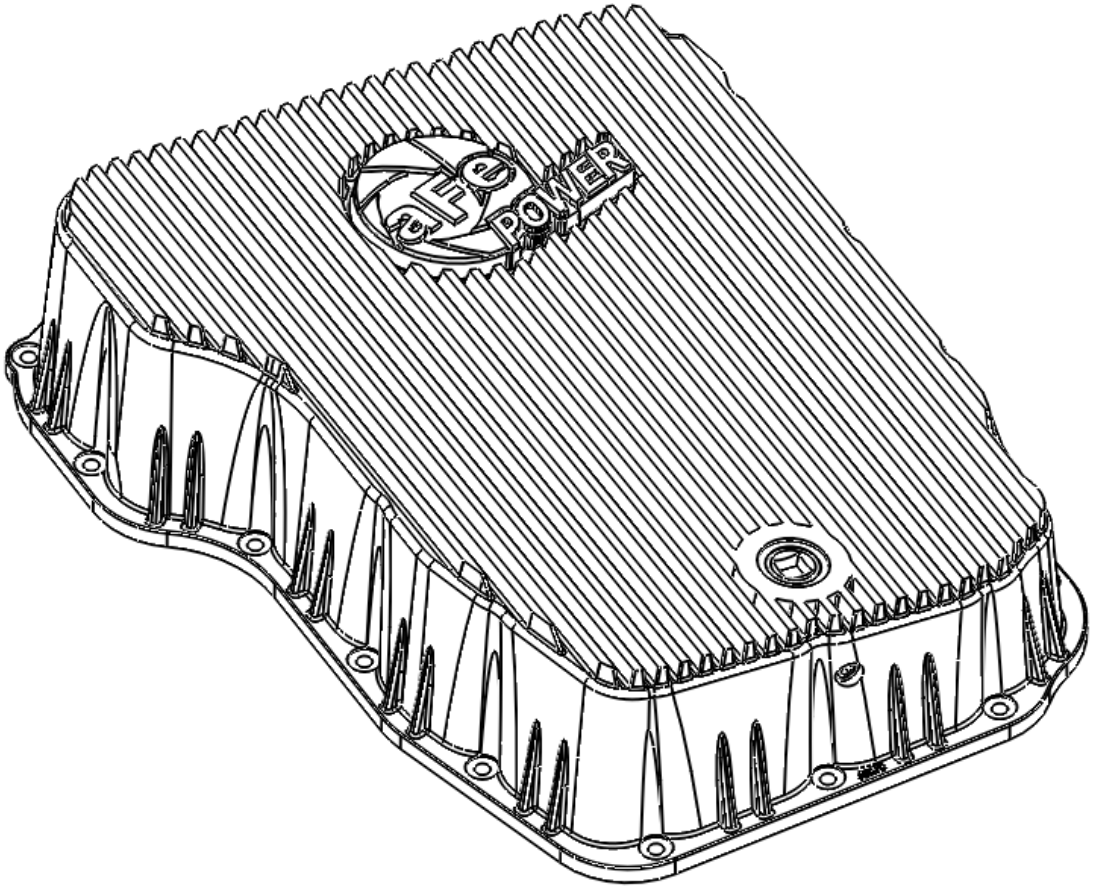

advanced FLOW engineering

Instruction Manual P/N: 46-70060 / 46-70061 / 46-70062

Make: **Dodge** Model: **RAM 2500/3500** Year: **2007.5-2012** Engine: **L6-6.7L (td)**

- **Please read the entire instruction manual before proceeding.**
- **Ensure all components listed are present.**
- **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	Trans. Pan - Black Fins (46-70061)	05-60066
A2	1	Trans. Pan - Black, Machined Fins (46-70062)	05-60067
A3	1	Trans. Pan - Raw, Machined Fins (46-70060)	05-60067A
B	1	Silicone (3 oz Tube)	05-60096
C	1	Plug, Square Socket Head, 3/4” - 14 NPTF Magnet	03-50222
D	1	Plug, Hex Head Socket, 1/8" - 27 NPT (Zn Plt)	03-50029
E	15	Socket Head Cap Screws	03-50241
F	15	Flat Washers	03-50235

Installation will require the following tools:
Oil Drain Pan (12 QT. Capacity Minimum), Gasket Scraper,10mm Socket, 5mm Allen Bit, 3/16 Allen Bit, Ratchet, 3/8" and 1/2" Torque Wrench.

A1

B

C

A2

A2

D

E

F

Figure A

Refer to Figure A for steps 1-4

Step 1: Park your truck on level ground and apply the parking brake.

Step 2: Position a drain pan under the transmission pan.

Step 3: Begin by loosening the 7 screws on the rear of the transmission pan.

Step 4: Loosen the 8 screws on the front of the transmission pan. DO NOT remove screws yet.

NOTE: You may need to pry the pan so the old fluid can start draining.

Figure B

Refer to Figure B for steps 5-7

Step 5: Begin removing the screws one by one from rear to front of pan to let more of the fluid drain out.

Step 6: Once you get the majority of the fluid drained out, you can remove the transmission pan from the vehicle.

Step 7: Once the transmission pan is removed, check the mounting surface for any irregularities. Should there be any, carefully remove high spots using a smooth flat file.
DO NOT “ROUND OFF” THE FLAT GASKET SURFACE!

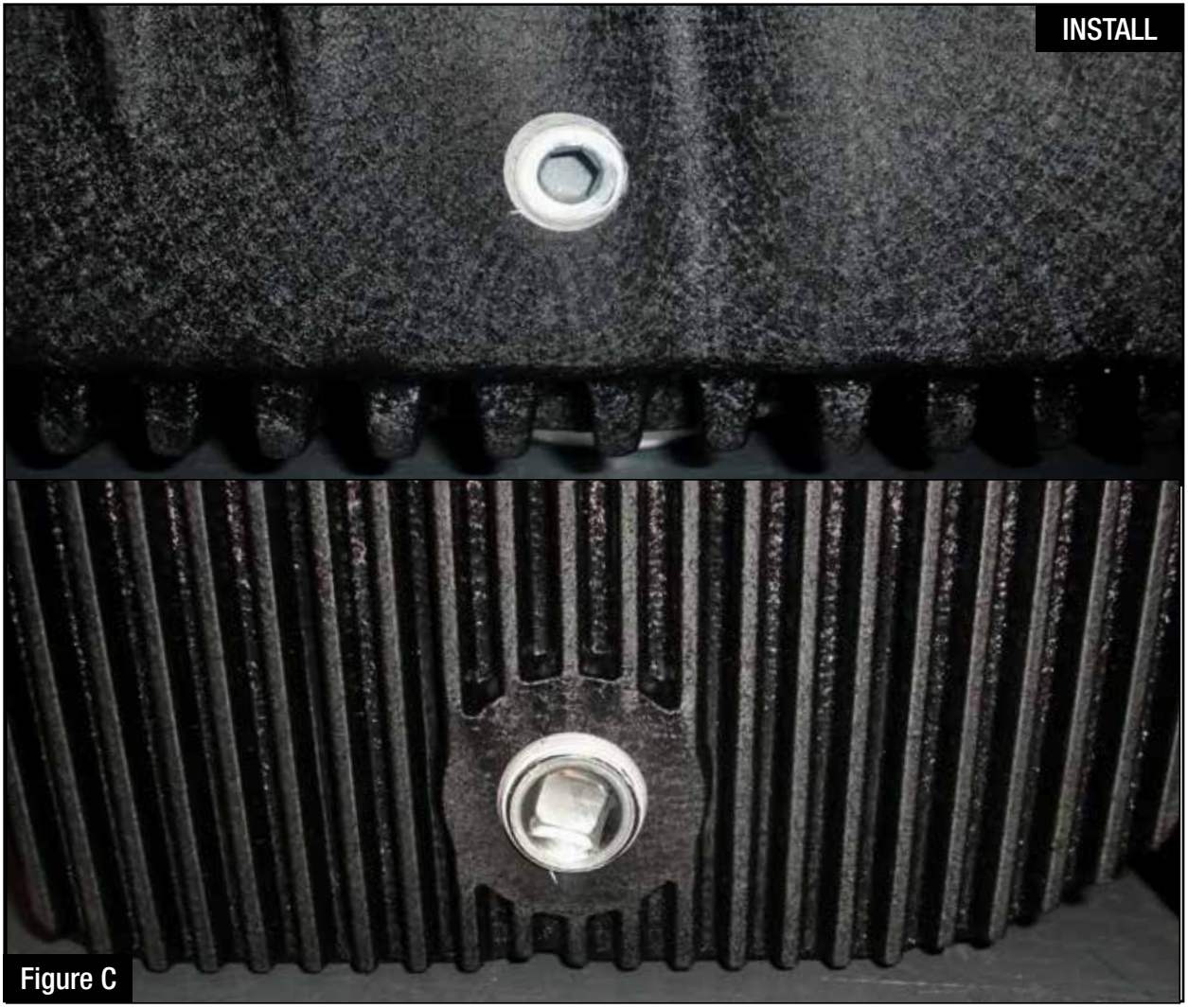

Figure C

Refer to Figure C for step 8-10

Step 8: Apply teflon pipe sealant tape on the threads of all the plug components before installing.

Step 9: Install your temperature sensor or the 1/8” NPT plug on the back of the aFe transmission pan (torque to 30 in.-lbs.).

Step 10: Install the drain plug on the bottom of aFe transmission pan (torque to 50 ft.-lbs.).

Figure D

Refer to Figure D for step 11

Step 11: Now use the tube of silicone provided to create your gasket around the mounting surface of the aFe transmission pan. Allow 15-20 minutes for silicone to skin-over.

Figure E

Refer to Figure E for steps 12-14

Step 12: Install the aFe transmission pan by aligning the screw holes and start the first 4 allen cap screws and washers in the 4 corner screw holes. Continue around the bolt pattern until all 15 screws and washers are installed and finger tight.

Step 13: Wait about 1 hour to allow the silicone to cure.

Step 14: Using a 5mm hex bit and a 3/8 drive torque wrench, torque the allen cap screws to 7-9 ft.-lbs. in a cross tight pattern.

Figure F

Refer to Figure F for step 15-16

Step 15: Refill the aFe transmission pan with new transmission fluid, which holds about 2.5 quarts more than stock.

Step 16: If fluid level is good, be sure to reinstall your transmission dip stick.

Figure G

Refer to Figure G for step 17

Step 17: Your install is now complete.

NOTE: Retighten all connections after approximately 100-200 miles.