

advanced FLOW engineering

Instruction Manual P/N: 46-70050 / 46-70052

Make: **Dodge** Model: **RAM 2500/3500** Year: **1994-2007** Engine: **L6-5.9L (td)**



- 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	Transmission Pan – Black, Machined Fins (46-70052)	05-60065
A2	1	Transmission Pan – Raw, Machined Fins (46-70050)	05-60065A
B	1	Transmission Filter and Gasket	44-TF004
C	14	Screws, Socket Head 5/16"-18 x 1.0"	03-50227
D	14	Washer, Flat 5/16"	03-50228
E	1	Plug, Square Socket Head, 3/4"-14 NPTF Magnet	03-50222
F	1	Plug, Hex Socket Head, 1/8" NPT	03-50029

A1



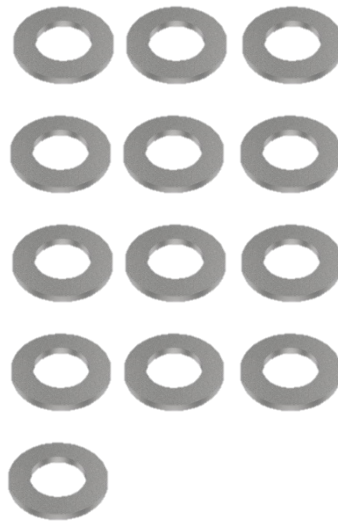
A2



B

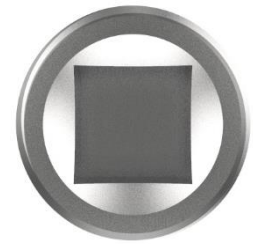


C



D

E



F





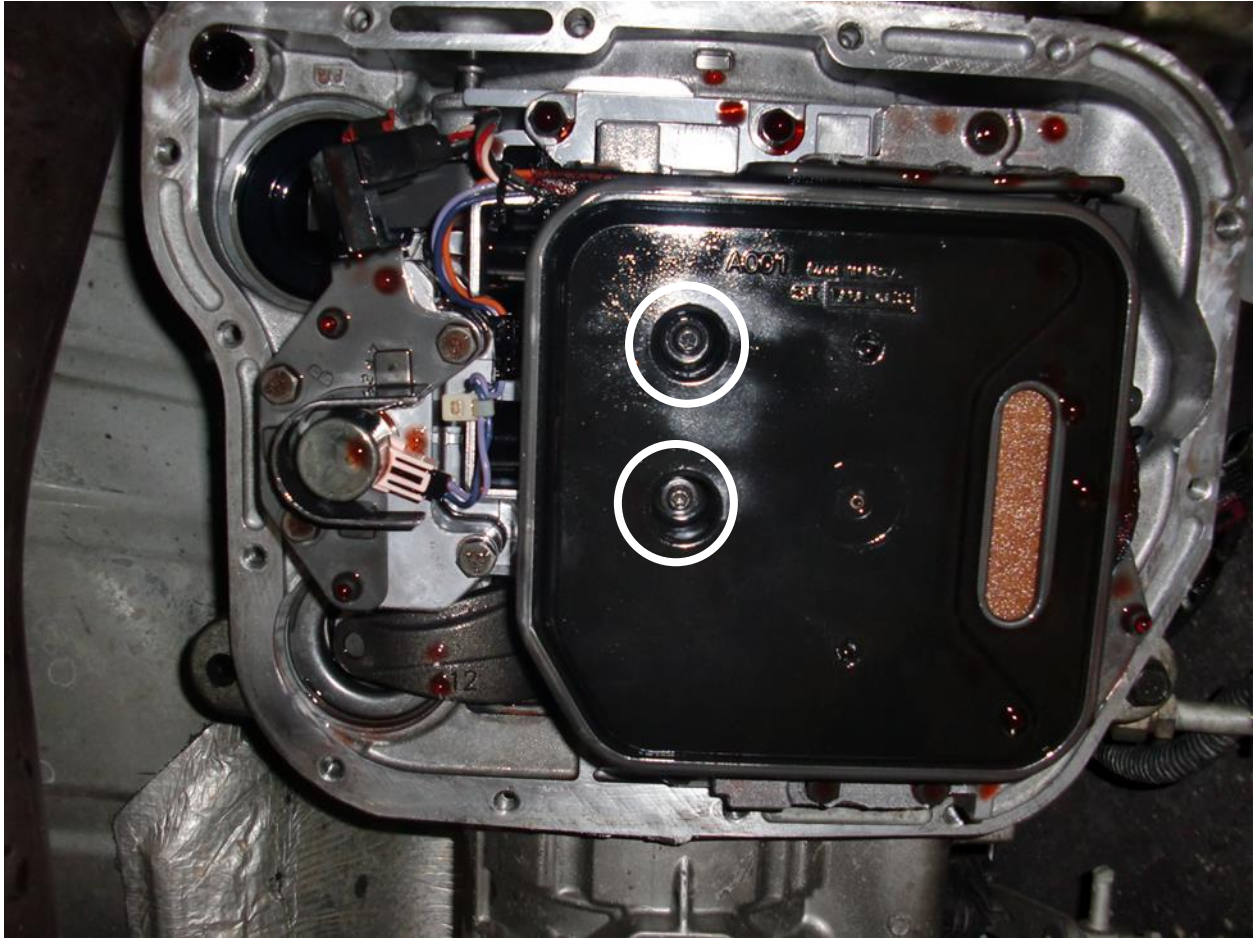
1. Park your truck on level ground and apply the parking brake.
2. Position a drain pan under the transmission pan.



3. Loosen the seven (7) screws on the rear of the transmission pan. DO NOT remove screws.
4. Then loosen the seven (7) screws on the front side of the transmission pan. DO NOT remove screws.
5. Carefully pry the pan to break the seal to start draining the fluid.



6. Remove the screws one by one from the rear to the front of the pan to let more fluid drain out.
7. With all of the screws removed, pull the transmission pan off of the vehicle.



8. Check the mounting surface for any irregularities. Should there be any, carefully remove the high spots using a smooth flat file. DO NOT "ROUND OFF" THE FLAT GASKET SURFACE!
9. Remove the two (2) screws holding the transmission filter (circled in white).



10. Install the supplied transmission filter using the screws removed in step 9.



11. Apply Teflon pipe sealant tape to the threads of the supplied 1/8" NPT and 3/4" NPT plugs.

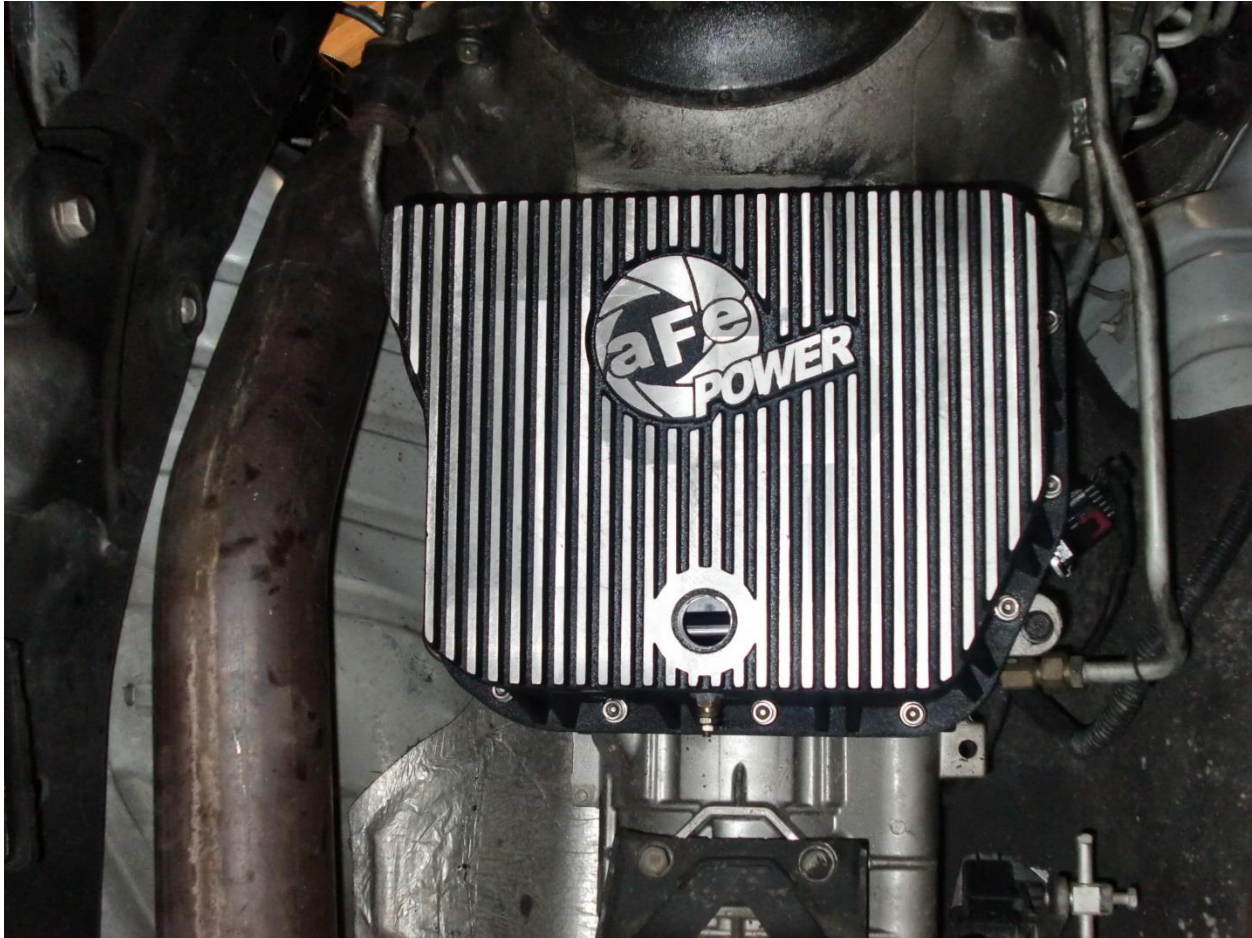


Note: If using a temperature sensor, install it instead of the 1/8" NPT plug.

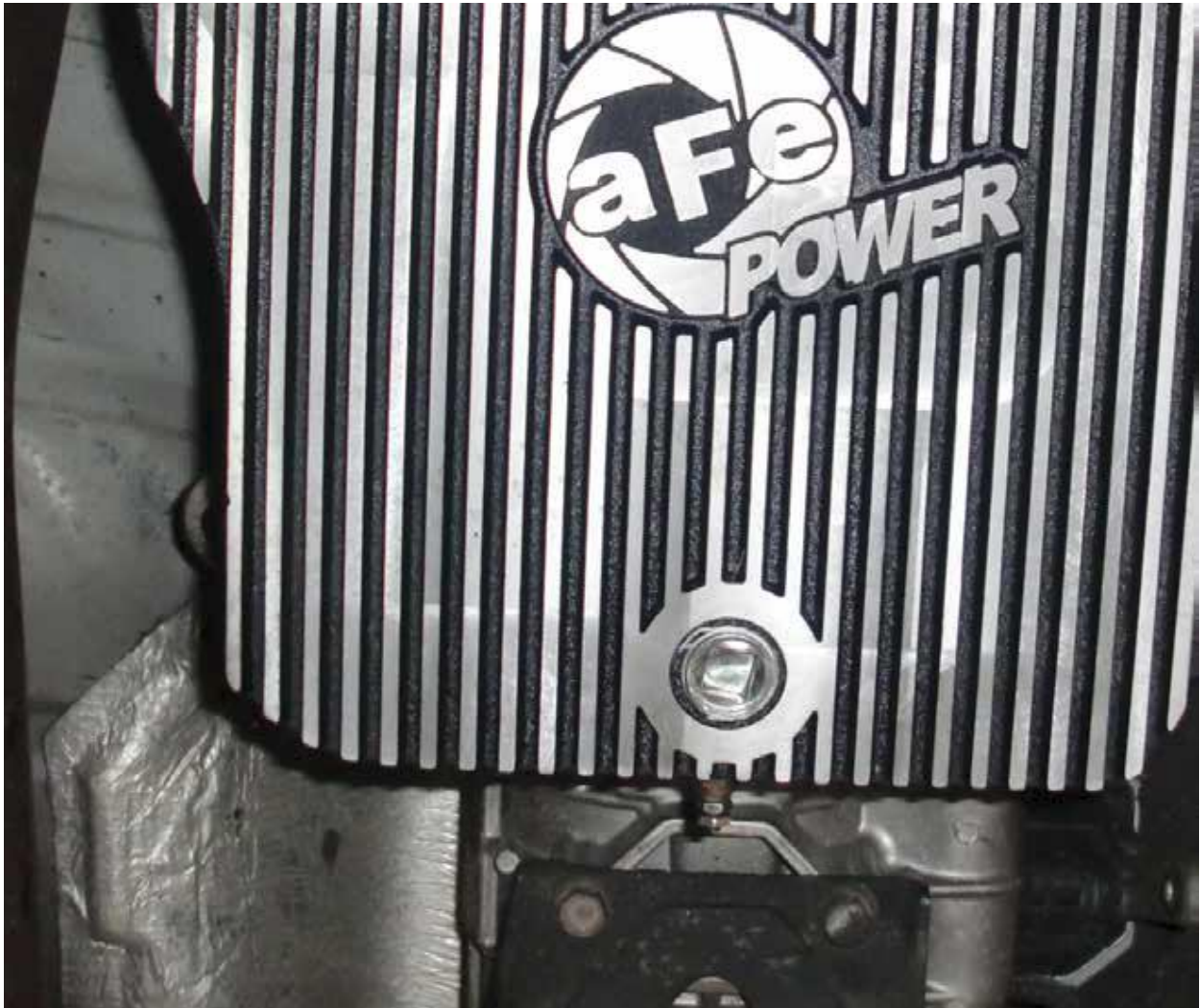
12. Install the 1/8" NPT plug into the side of the supplied aFe transmission pan.



13. Align the supplied transmission pan gasket with the screw holes on the aFe transmission pan.



14. Place the aFe transmission pan into position, aligning the screw holes. Install four (4) supplied 5/16"-18 x 1.0" socket head screws and 5/16" flat washers into each corner of the pan to secure it from falling.
15. Continue installing the ten (10) remaining 5/16"-18 x 1.0" socket head screws and 5/16" flat washers finger tight.
16. Torque the mounting screws to 16 ft.-lbs. in a crisscross pattern.



17. Install the supplied 3/4" NPT drain plug on the bottom of the aFe transmission pan.



18. Remove the dipstick and refill the transmission with new transmission fluid. Remember your new aFe transmission pan holds about four (4) quarts more than stock (fill to full line on dipstick).

Note: The truck needs to be warmed up, running and in neutral to get accurate readings on the level of the transmission fluid.



19. Your installation is now complete. Verify all connections are secure and check for leaks before driving.

Warranty

General Terms:

- aFe warrants their products to be free from manufacturer’s defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization (“RGA”), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty Duration
Direct OE Replacement Filters	10,11,30,31,71,73	Life of the vehicle
Racing Filters	18	1 year
Universal	21,24,72	2 years
Air Intake Systems	50,51,54,55,75	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover/Transmission Pan	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81,87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

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