

advanced FLOW engineering

Instruction Manual P/N: 46-71160A / 46-71160B

68RFE Transmission Pan

Make: **RAM** Model: **2500/3500** Year: **2013-2019** Engine: **L6-6.7L**



- 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.
- Ensure that your vehicle is cooled off before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A1	1	Transmission Pan – Raw, Machined Fins (46-71160A)	05-60998A
A2	1	Transmission Pan – Black, Machined Fins (46-71160B)	05-60998B
B	1	RTV Silicone	05-60096
C	15	Screw, Socket Head M6x1.0x20	03-50241
D	15	Washer, M6	03-50177
E	1	Washer, Crush M12	03-50384
F	1	Drain Plug, Magnetic M12x1.25	03-50385



A1



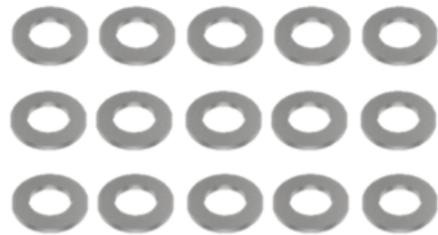
A2



B



C



D



E



F



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 truck to do this installation. Please use every precaution when lifting the vehicle.

2. Position a large catch pan under the transmission pan.

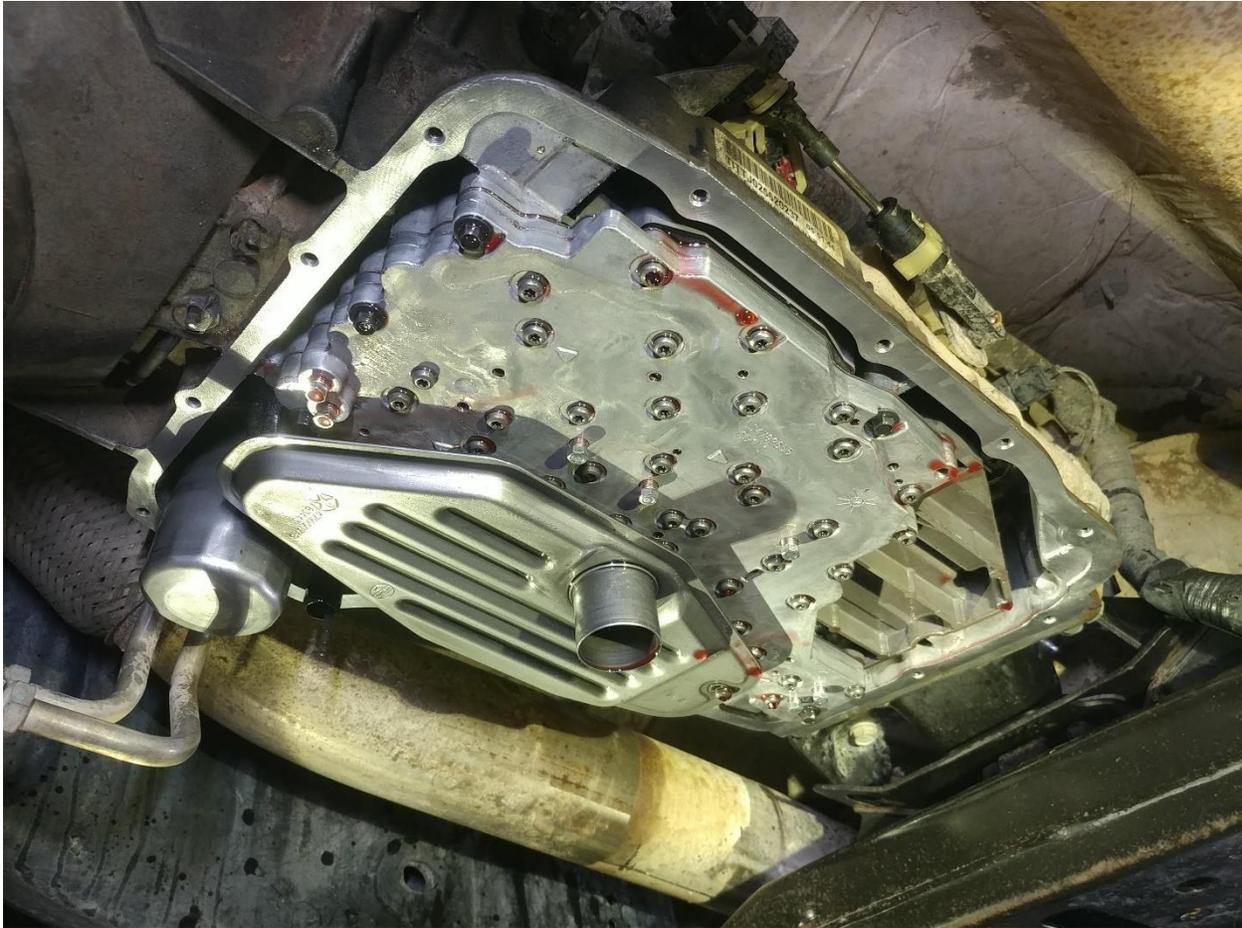


3. Remove 13 bolts from the transmission pan, leaving the front two (2) in place.
4. Loosen, but do not remove the front two (2) bolts.



5. While positioned towards the front side of the pan, break the seal between the transmission pan and the transmission. The transmission fluid will begin to drain.
6. Once the fluid stops draining, hold up the pan and remove the final two (2) bolts.
7. Slowly lower the pan while keeping it level and pour out the remaining transmission fluid.

Note: There will still be fluid left in the bottom of the transmission pan. Be careful not to spill this remaining fluid.



8. Clean the sealing surface with a gasket scraper. Be careful not to gouge the surface while cleaning.
9. If replacing the transmission filter, remove the old filter now.
10. Allow the remaining oil in the casing to drain out until there are periodic drips.
11. If applicable, reinstall the new transmission filter.



12. Hold the supplied aFe transmission pan up to the gasket surface to make sure you will be able to maneuver it into place. We recommend lifting the passenger side of the pan into place first.
13. Once you have a clear path to lift the aFe transmission pan into place, prepare all the required hardware to secure it into place. This includes the 15 supplied M6x1.0x20 socket head screws and M6 washers.
14. Spread the supplied RTV silicone across the gasket surface. Be generous when spreading the silicone across the surface and make sure that all the bolt holes are completely surrounded.



15. Hold the transmission pan up into position, aligning the screw holes. Install four (4) M6x1.0x20 socket head screws and M6 washers into each of the corners to hold the pan into place.

Note: Be careful not to move the pan around once it touches the gasket surface.

16. Continue installing the 11 remaining M6x1.0x20 socket head screws and M6 washers finger tight.

17. Torque the mounting screws to 8 ft. -lbs. in a crisscross pattern.



18. Install the supplied M12x1.25 magnetic drain plug and M12 crush washer into the bottom drain hole.



19. Refill the system with new ATF+4 transmission fluid. Your aFe pan holds about 2 quarts more than stock, about 12 quarts overall.

Note: The truck needs to be warmed up, running, and in neutral in order to get an accurate reading on the dipstick



20. Your installation is complete.

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 Covers/Transmission Pans/ Oil Pans	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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