

***advanced FLOW engineering***

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

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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.
- 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.

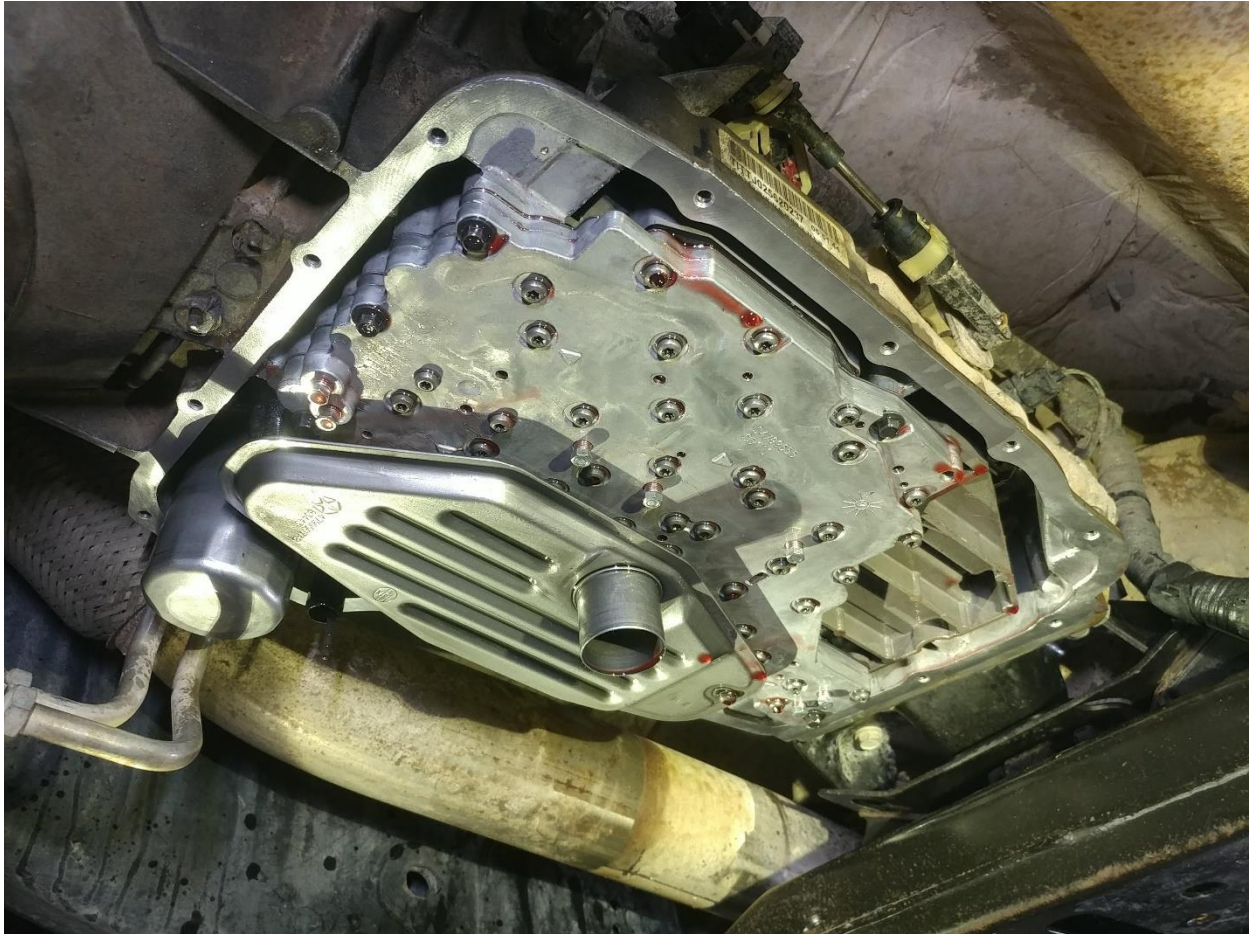


3. Remove 13 bolts from the transmission pan, leaving the front two (2) in place.
4. Loosen, but do not remove the front two (2) bolts.



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.

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