

advanced FLOW engineering

Instruction Manual P/N: 46-70052

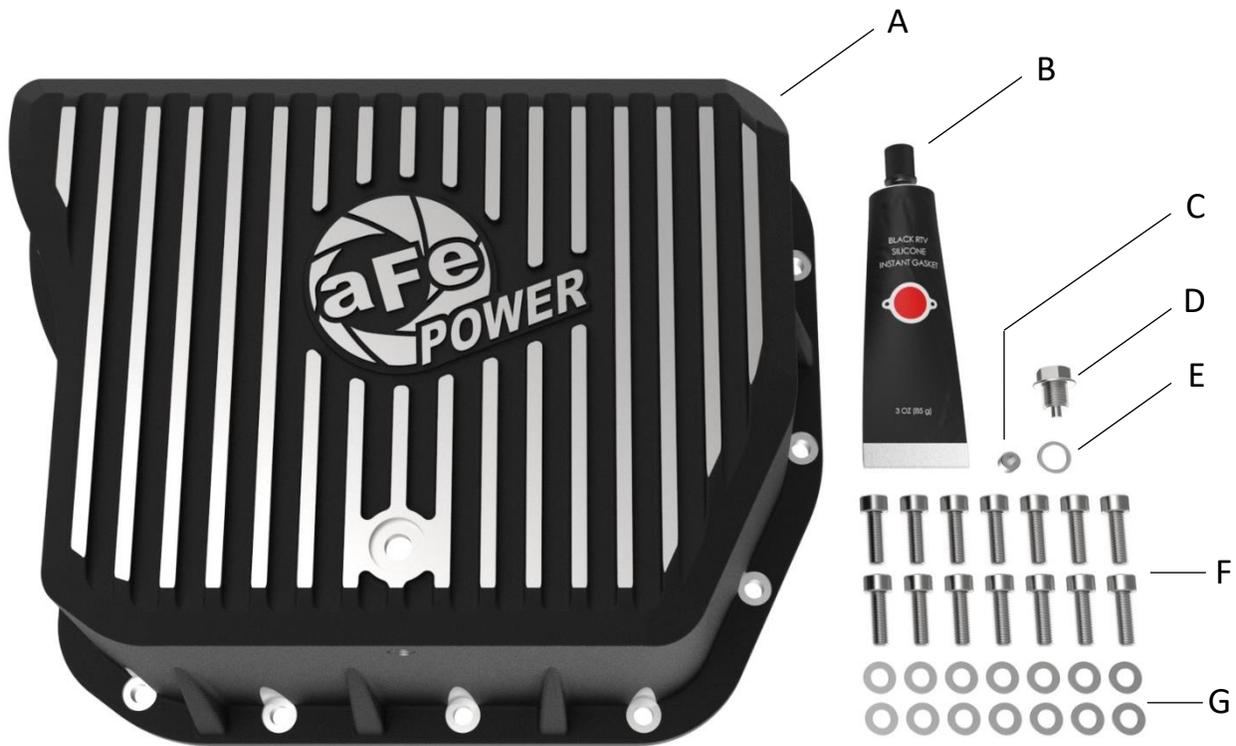
727 / 518 / 618 Transmission Pan

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

Label	Qty.	Description	Part Number
A	1	Transmission Pan – Black, Machined Fins	05-60065
B	1	RTV Silicone	05-60096
C	1	Plug, 1/8" NPT	03-50029
D	1	Drain Plug, Magnetic M12x1.25	03-50385
E	1	Washer, Crush M12	03-50384
F	14	Screw, Socket Head 5/16"-18 x 1.0"	03-50227
G	14	Washer, Flat 5/16"	03-50228



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

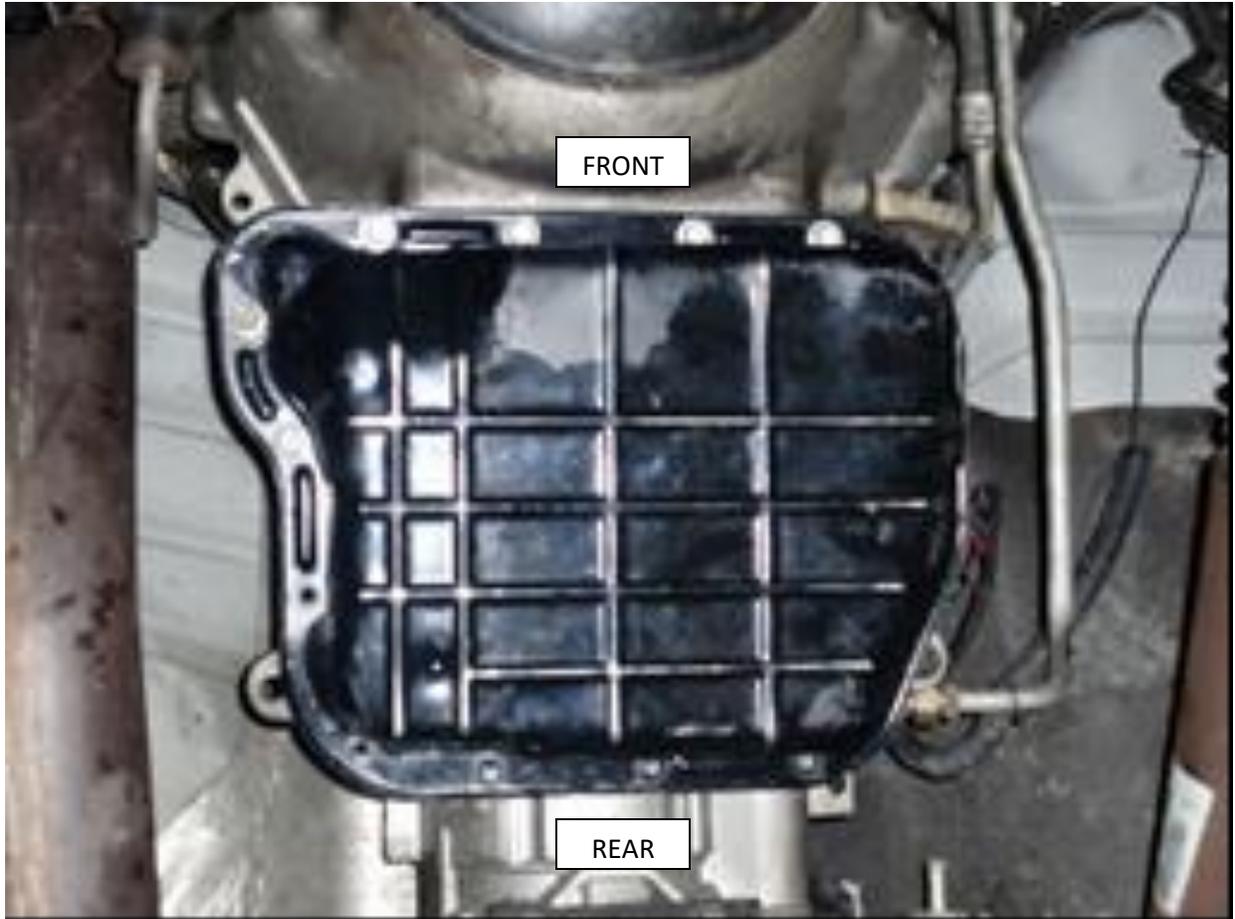


Note: Your vehicle must be completely cooled off before proceeding with the installation.

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. Loosen, but do not remove, the seven (7) screws on the rear side of the transmission pan.
4. Then loosen, but do not remove, the remaining seven (7) screws on the front side of the transmission pan.
5. Carefully pry the pan to break the seal. At this point, fluid should begin to drain from around the sides of the pan.
6. Begin removing the bolts one by one. Start at the rear and move towards the front of the pan, allowing more fluid to drain out.
7. Once all the screws have been removed, 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. If applicable, remove the OEM gasket from the sealing surface.



9. Clean the sealing surface with a gasket scraper. Be careful not to gouge the surface while cleaning.
10. If replacing the transmission filter, remove the old filter now.



11. Allow the remaining oil in the casing to drain out until there are periodic drips.
12. If applicable, reinstall the new transmission filter using the two screws removed in Step 10.

Note: Ensure the filter is installed correctly as shown.



13. Hold the supplied aFe transmission pan up to the gasket surface to make sure you will be able to maneuver it into place.
14. 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 14 supplied 5/16"-18 socket head screws and 5/16" flat washers.

Note: If using a reusable gasket, install it in lieu of Step 15.

15. 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.



16. Hold the transmission pan up into position, aligning the screw holes. Install four (4) 5/16"-18 socket head screws and 5/16" flat washers into each of the corners to hold the pan into position.

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

17. Continue installing the 10 remaining 5/16" socket head screws and 5/16" flat washers finger tight.
18. Torque the mounting screws to 12-16 ft.-lbs. in a crisscross pattern.



19. Install the supplied M12x1.25 magnetic drain plug and crush washer (secure about ½ turn past finger tight).

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

20. Apply Teflon tape/pipe sealant and install the supplied 1/8" NPT plug.

Note: For all NPT plugs, secure 1.5-3 turns past finger tight. The fitting should never bottom out in the port.



Note: The truck needs to be warmed up, running, and in neutral in order to get an accurate reading on the dipstick. Periodically check the dipstick reading while filling to prevent overfilling.

21. Refill the system with the appropriate transmission fluid. Your aFe pan holds about 3-4 quarts more than stock (about 9-10 quarts overall).
22. Your installation is complete. Recheck the fluid level after driving 50 miles.

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