

advanced FLOW engineering

Instruction Manual P/N: 46-70240,46-70242,46-70246 (4L60-E)

Make: **GM** Model: **Trucks** Year: **1999-2015** Engine: **V6-4.3L & V8-4.8L/5.3L**



- 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.



Retain factory parts for future use.

Label	Qty.	Description	Part Number
A	1	Transmission Pan - Machined Fins	05-60372
B	16	M8 x 1.25 x 25mm bolts	03-50231
C	16	M8 Washers	03-50228
D	1	3/4" NPT Plug	03-50222
E	1	1/8" NPT Plug	03-50029
F	1	Gasket	05-60461

Installation will require the following tools:

13mm socket, 15mm socket, socket driver (ratchet), 1/2" extension, 1/2" ratchet, 3/16" allen wrench, 6mm allen wrench, 4mm allen wrench, T40 torx wrench, thread locker, teflon tape, lint-free rag.

B



C

E

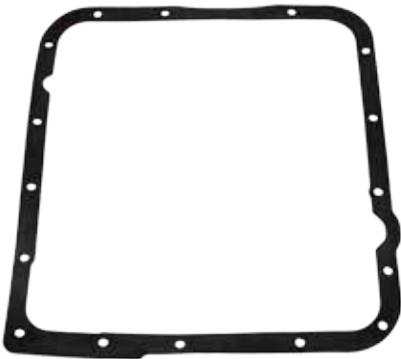


D

A



F



**Figure A****Refer to Figure A for steps 1-3**

- 1: Park vehicle on flat, dry surface and engage the parking brake.
- 2: Using a T40 torx driver remove the shifter linkage bracket.
- 3: Remove the shifter cable from the shift lever on the transmission by prying the shifter cable. it will pop off the shift lever.

**Figure B****Refer to Figure B for steps 4-6**

4. Remove the transmission mount nut from the transmission crossmember and using a hydraulic jack, lift the rear of the transmission an inch. This will allow for extra room needed to install the aFe transmission pan
5. Using a 13mm socket, remove the 16 bolts holding the transmission pan. As you remove the transmission pan bolts, the fluid will start to drain.
6. Remove the transmission pan and drain the fluid completely.

**Figure C****Refer to Figure C for step 7-9**

***aFe recommends replacing filter at this time.**

7. Remove the stock filter from the transmission.
8. Wipe any residual transmission fluid from the transmission with a lint free rag.
9. Install the transmission filter into the transmission.

INSTALL



Figure D

Refer to Figure D for step 10-12

10. Install teflon tape on the 3/4" NPT plug, and on the 1/8" NPT plug.
11. Use a 3/16" allen wrench, install the 1/8" NPT plug into the transmission pan.
12. Using a 1/2" extension and a 1/2" ratchet , install the 3/4" NPT plug into the transmission pan.



INSTALL



Figure E

Refer to Figure E for step 13-14

13. Using the supplied gasket, install the aFe transmission pan using a 6mm allen wrench and 16 – M8 x 1.25 x 25mm bolts and 16 – M8 washers.
14. Tighten the bolts in a crisscross pattern to 12-14 lb-ft.

INSTALL



Figure F

Refer to Figure F for steps 15-16

15. Reinstall the transmission shift linkage by pushing firmly on the shifter cable. It will snap back on.
16. Then install the factory torx screws into the shifter cable linkage bracket and tighten.



Figure G

Refer to Figure G for step 17-18

17. The transmission dipstick is located in the engine compartment. Fill the transmission to the factory specifications using the recommended oil. Reinstall dipstick.

***Note: The aFe pan holds approximately 6 quarts of transmission fluid. This is 2 more than the stock pan.**

18. Your installation is now complete.

***Transmission fluid expands. Always check oil level per factory recommendations when the truck is hot.**

*** Caution*: A running truck will be hot. Take every precaution necessary to prevent being burned.**