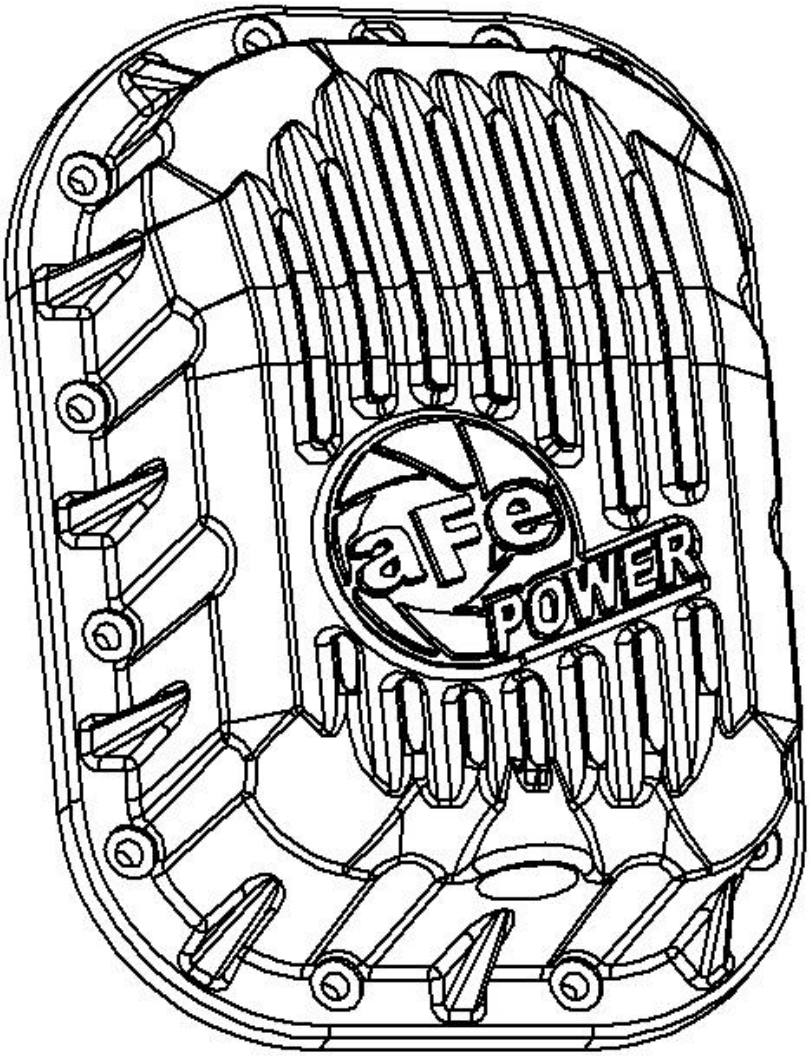


advanced FLOW engineering

Instruction Manual P/N: 46-71470A / 46-71470B

Make: **Jeep**	Model: **Wrangler (JL)**	Year: **2018-2026**	Engine: **V6-3.6L**
Make: **Jeep**	Model: **Gladiator (JT)**	Year: **2020-2026**	Engine: **V6-3.6L**



9

- **Please read the entire instruction manual before proceeding.**
- **Ensure all components listed are present.**
- **For technical support please call 951-493-7185.**
- **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
A1	1	Oil Pan – Raw, Machined Fins (46-71470A)	05-61672A
A2	1	Oil Pan – Black, Machined Fins (46-71470B)	05-61672B
B	1	RTV Silicone	05-60096
C	10	Screw, Socket Head Cap: M6x1.0x20	03-50241
D	12	Washer, M6 (12mm OD x 6.4mm ID)	03-50177
E	1	Plug, M12 x 1.25	03-50385
F	1	Washer, Aluminum: M12,15.85MM OD	03-50384
G	2	Stud: M6x1.0x18mm and 8mm, S/S	03-50870
H	2	Nut, Flanged: M6x1.0 S/S	03-50884

Tools Needed:

- 10mm Socket
- 13mm Socket
- 14mm Socket
- 5mm Hex-Bit Socket
- Ratchet & Extension
- Prying Bar
- Torque Wrench

Warranty Information available at https://afepower.com/contact#warranty

Emissions Disclaimer: This product does not require a CARB EO#.



A1



A2



B



C



D

E



F



G



H





Figure A

Refer to Figure A for Steps 1-2

Step 1: Park the vehicle on level ground and engage the parking brake. Allow the vehicle to cool down before beginning installation.

Step 2: Remove the stock drain plug and drain the oil completely.

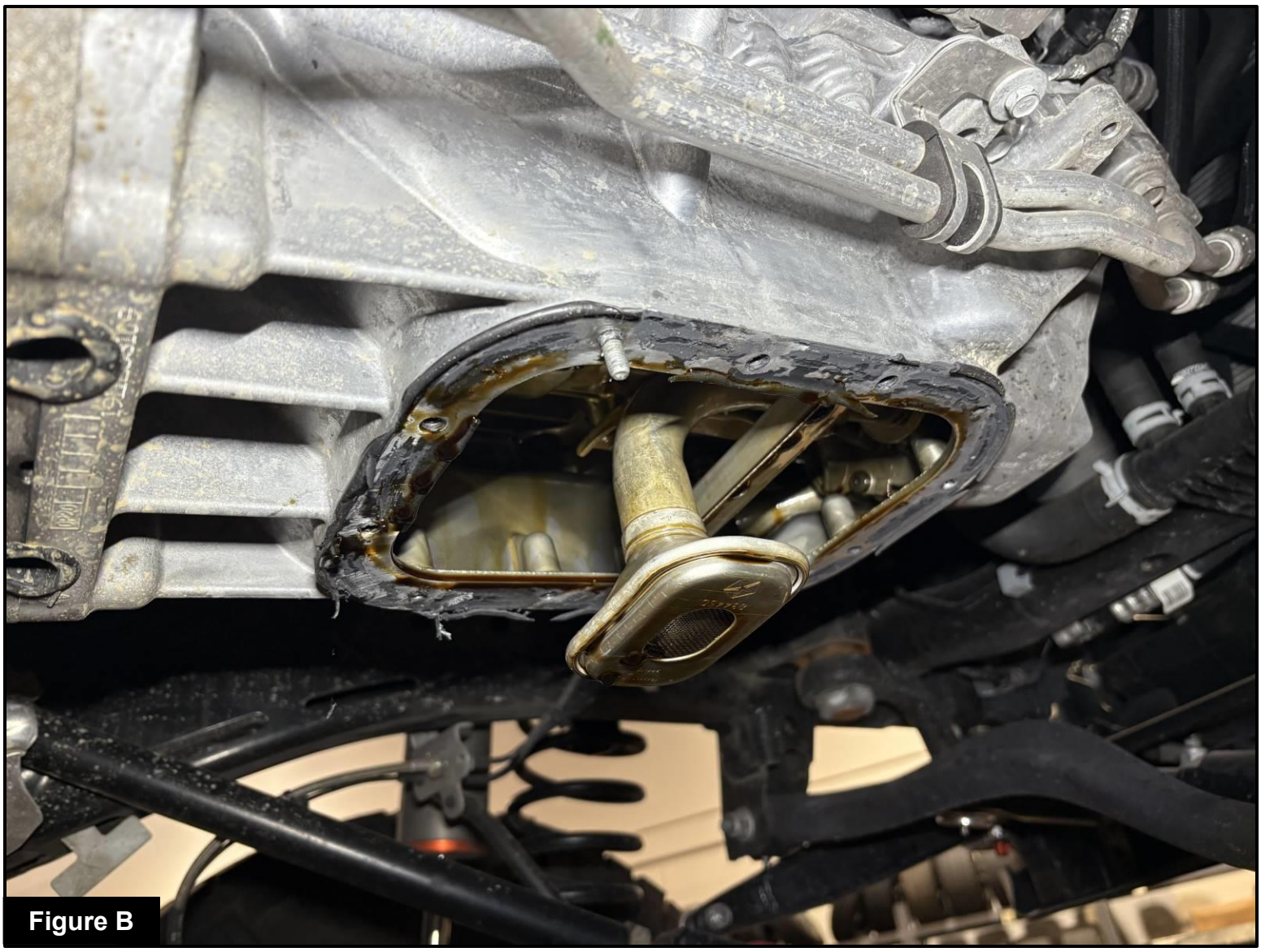


Figure B

Refer to Figure B for Steps 3-4

Step 3: Remove the ten (10) stock hex head screws and the two (2) stock hex head nuts securing the stock oil pan.

Step 4: Carefully pry the stock oil pan away from the upper oil pan. Use caution when removing the oil pan.

Note: There will be oil at the bottom of the oil pan.

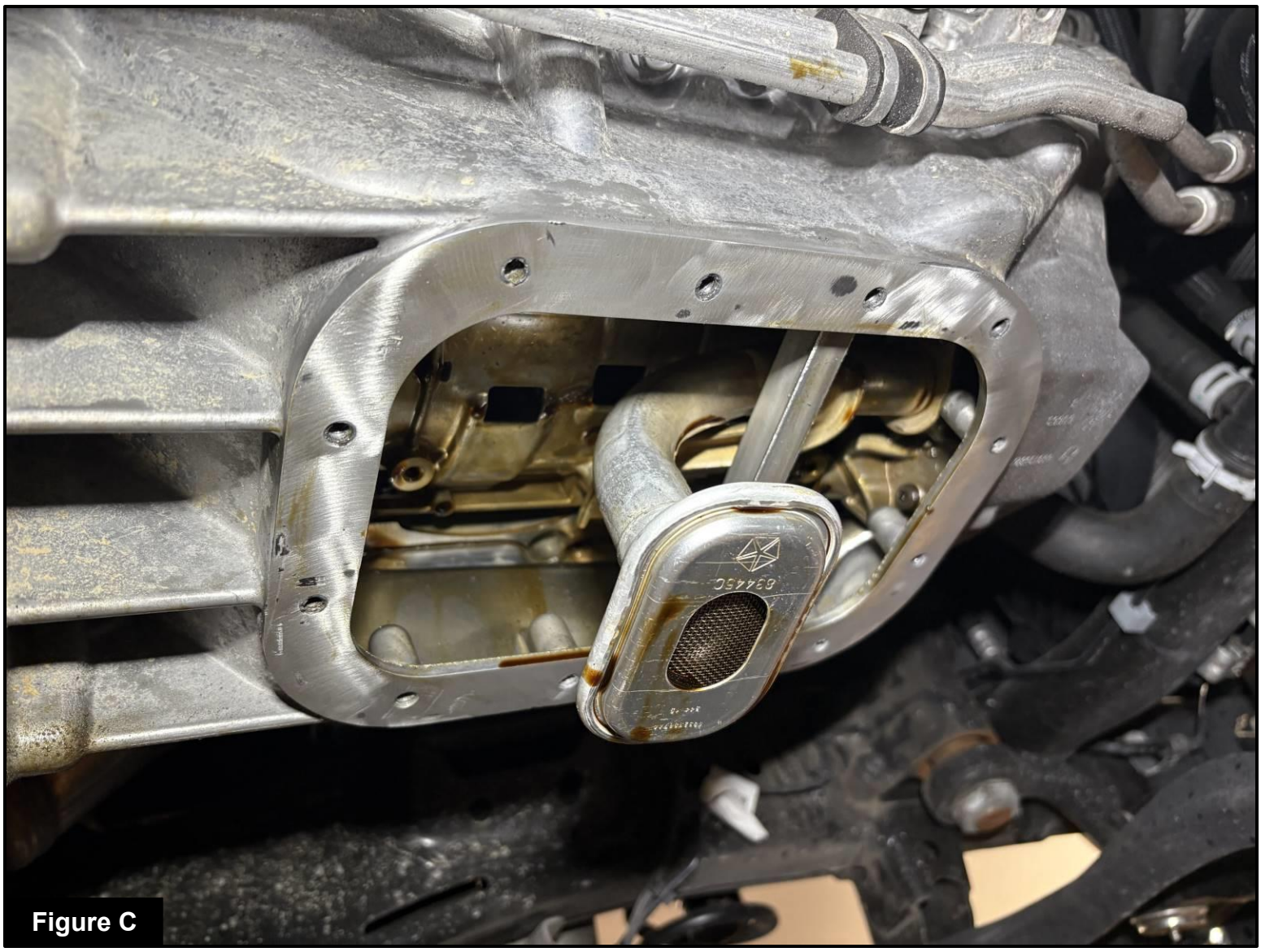


Figure C

Refer to Figure C for Steps 5-6

Step 5: Remove the two (2) stock alignment studs.

Step 6: Thoroughly clean the mating surface.

Note: Clean the oil off the oil pickup and surrounding area.



Figure D

Refer to Figure D for Step 7

Step 7: Install the two (2) supplied double end stud to align the aFe oil pan. Torque the studs to **80 in-lb (9 Nm).**



Figure E

Refer to Figure E for Step 8

Step 8: Apply a continuous bead of RVT silicone in the machined groove and around the screw holes.

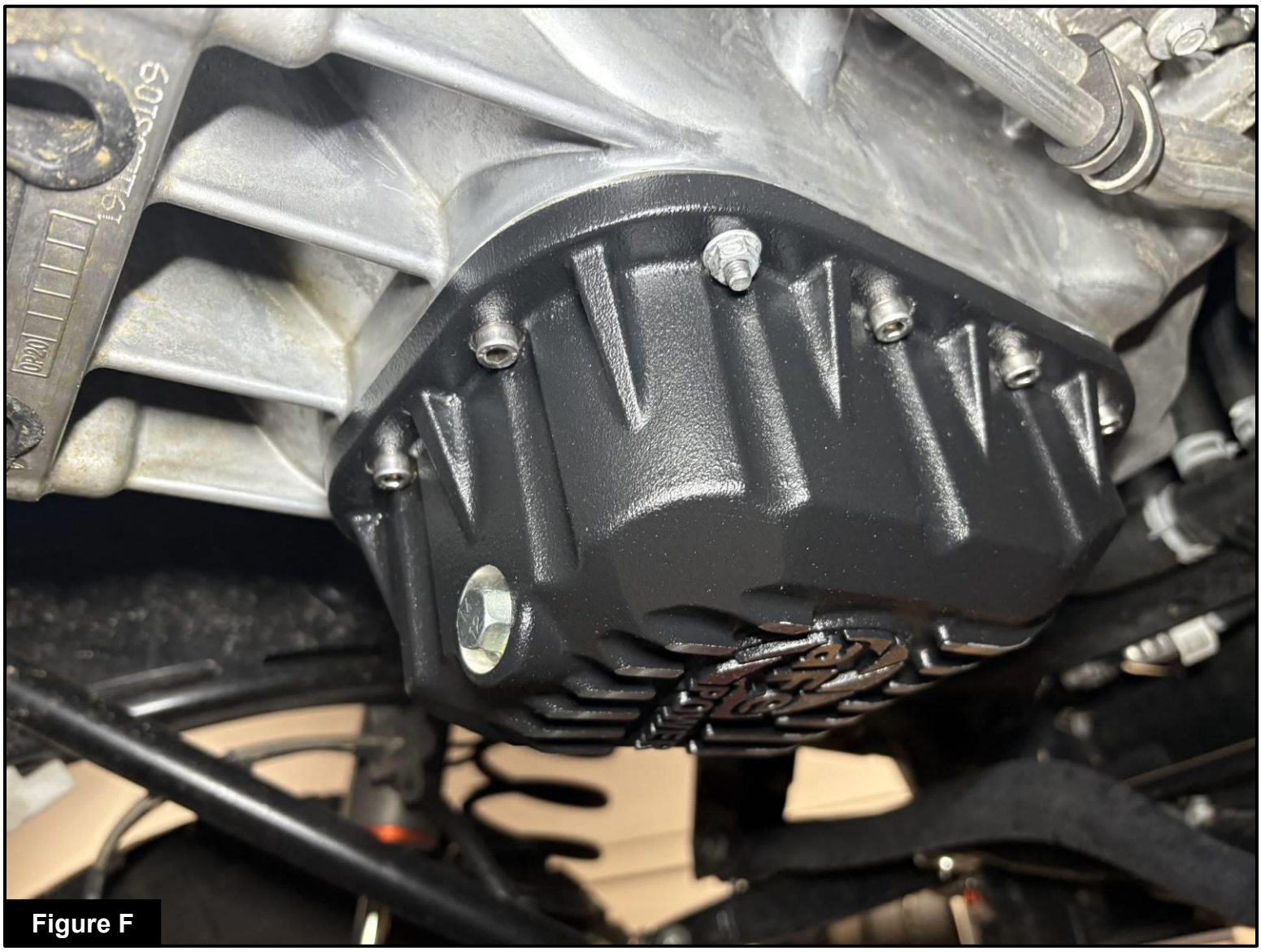


Figure F

Refer to Figure F for Steps 9-14

Step 9: Carefully install the aFe oil pan until it contacts the upper oil pan.

Step 10: Install the two (2) supplied washers and nuts to secure the aFe oil pan. Do not fully tighten yet.

Step 11: Install the ten (10) supplied socket head cap screws and washers to secure the aFe oil pan. Do not fully tighten yet.

Step 12: Torque the screws to **80 in-lb (9 Nm)** in an X-pattern.

Step 13: Torque the nuts to **89 in-lb (10 Nm).**

Step 14: Install the supplied M12 x 1.25 drain plug and crush washer into the bottom of the aFe oil pan and torque to **20 ft-lb (27 Nm)**.

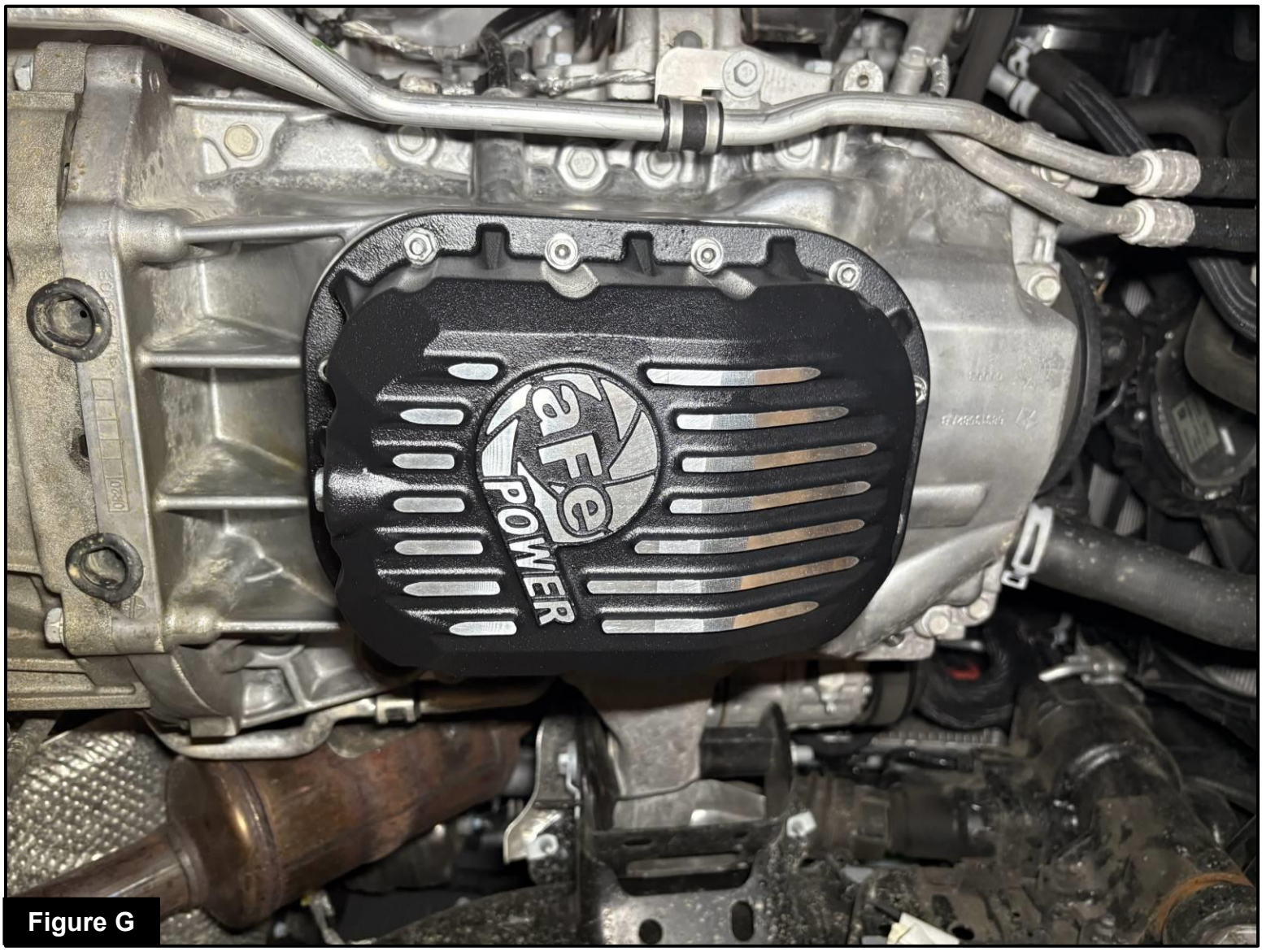


Figure G

Refer to Figure G for Steps 15-18

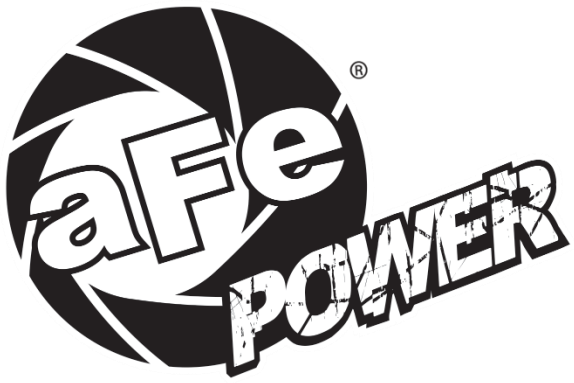
Step 15: Allow the silicone to set for 1 hour before filling with the vehicle manufacturer's recommended engine oil.

Step 16: Replace the oil filter (not supplied).

Step 17: Start the engine and check for leaks. Top off the oil if necessary.

Step 18: Installation is now complete.

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