

***advanced FLOW engineering***

**Instruction Manual** P/N: 46-71400A / 46-71400B

Make: Jeep

Model: Wrangler (JL)

Year: 2018-2025

Engine: I4-2.0L (t)



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 (46-71400A)	05-61588A
A2	1	Oil Pan – Black, Machined Fins (46-71400B)	05-61588B
B	1	RTV Silicone	05-60096
C	10	Screw, Socket Head Cap: M6x1.0x20	03-50241
D	10	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

#### 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



**Figure A**

### **Refer to Figure A for Steps 1-2**

Step 1: Park the vehicle on level ground and engage the parking brake. Wait for 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 screws 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 Step 5**

Step 5: Thoroughly clean the mating surface.

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





**Figure D**

**Refer to Figure D for Step 6**

Step 6: Apply a continuous bead of RTV silicone in the machined groove and around the screw holes.





Figure E

### **Refer to Figure E for Steps 7-10**

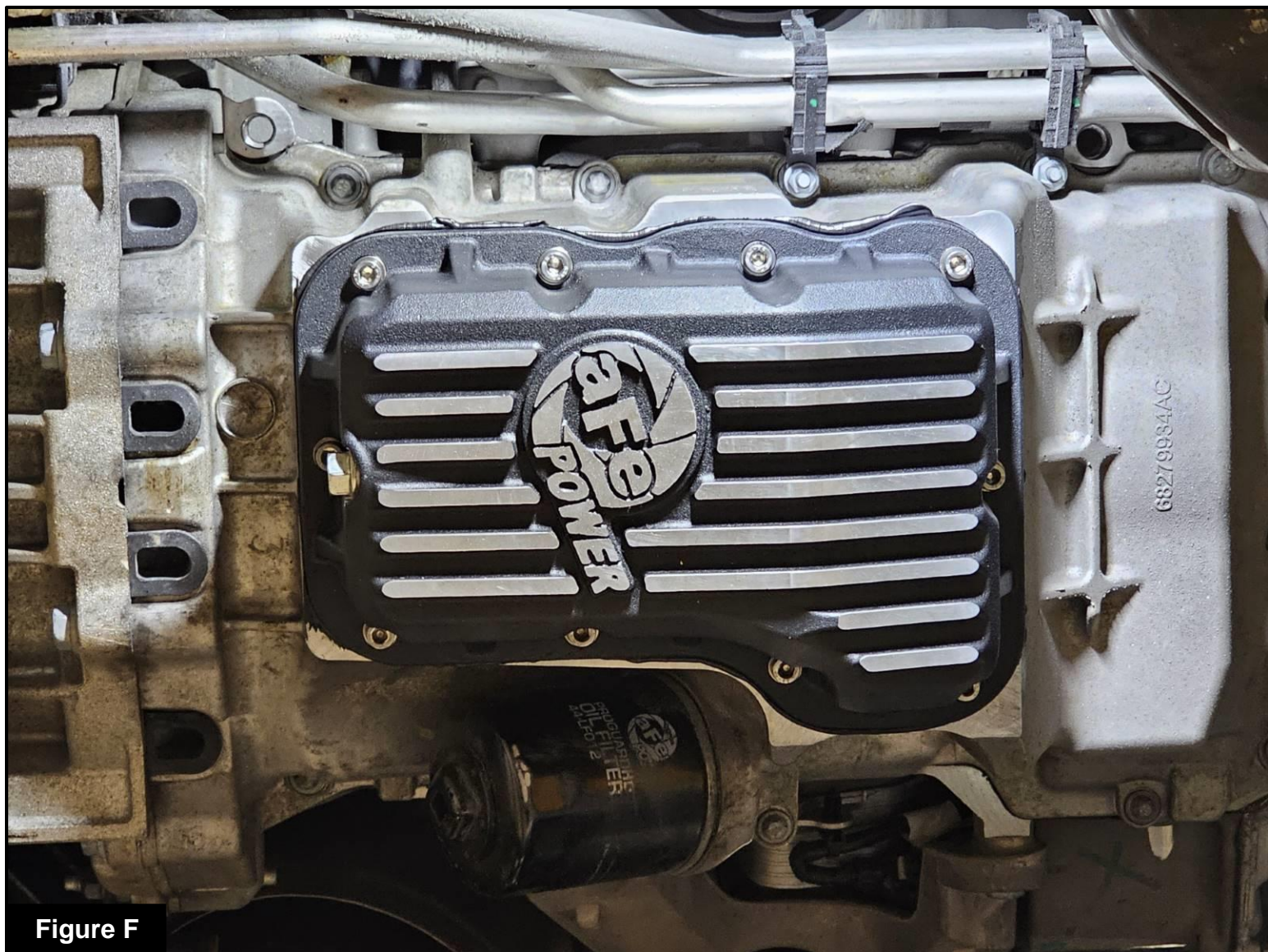
Step 7: Carefully install the aFe oil pan until it contacts the upper oil pan.

Step 8: Install the supplied ten (10) socket head cap screws and ten (10) washers to secure the aFe oil pan.  
Do not fully tighten yet.

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

Step 10: 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 F**

### **Refer to Figure F for Steps 11-14**

Step 11: Allow the silicone to set for 1 hour before filling with the vehicle manufacturer's recommended engine oil.

Step 12: Replace the oil filter (not supplied).

Step 13: Start the engine and check for leaks. Top off the oil if necessary.

Step 14: Installation is now complete.



**This Page Intentionally Left Blank**





**This Page Intentionally Left Blank**



***advanced FLOW engineering, inc.***

Corona, CA 92879

<https://afepower.com/contact>