



TheRock's - Jaguar F-Type R AWD Rear Differential Fluid Change

As always, this is how I did it and not suggesting you do it this way or any other specific way. Do so at your own risk and in any fashion you choose to do it. This guide is simply in the spirit of offering a method that worked for me.

Good luck!

Helpful Tools:

Set of Long Ball End Allen bits



Wobble extensions



Various metric sockets, ratchets, extensions, long 3/8" extensions, a long 3/8" wobble extension, ball ended and regular ended Allen keys and sockets

Gaining Access and Performing the Change:

1. Always a good idea to drive the car first to warm up the differential oils. This will allow better draining.

Next - Lift Car



2. Remove Left (Driver) Rear Wheel(Optional)



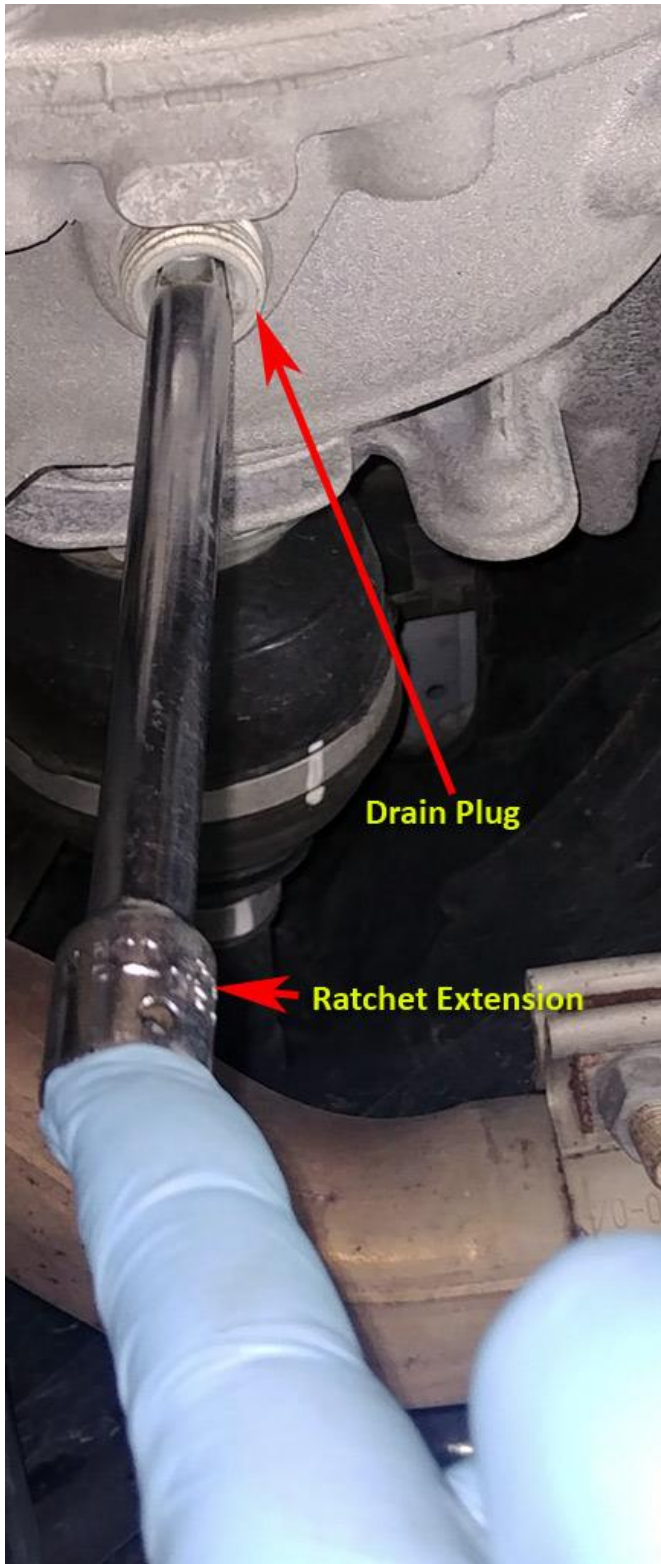
3. **Remove Fill Plug** – Always remove fill plug first, before draining. – You can get to it by using the tools shown below. You can reach it with these tools over the frame member from the left side as shown in the 2nd photo, and a close-up in the 3rd photo.



4. **Remove Drain Plug** – Place a large oil pan under drain plug and remove the plug. This is done with a 3/8 extension and ratchet. Allow it to drain until it stops dripping. I also used a

compressor with a nozzle to blow air into the fill hole and found it effective to blow more oil out.

While draining, wipe off the magnetic drain plug. **Once draining is complete, replace the drain plug.**





5. **Now time to refill.** The Jaguar spec on this is :
 Vehicles with 3.0L petrol (340 PS) SAFXO
 Vehicles with 3.0L petrol (360 PS) BOT720.
 Vehicles with 5.0L petrol BOT720

I used Motul 300 LS 75/W90 in my fill.

You can access the fill hole through the wheel well as shown below. I fastened a stiff wire to the tubing and fed it into the fill hole. This seemed to work very well. My fluid pump was acting flakey (but you can use any type of pump from here to fill the differential), so I made a sort of hanging drain/IV set up, which worked fine also. Do what works for you to get the new oil pumped in. Pump it in, until it starts to seep out of the fill hole. Some may not fill to the brim. Here are the amounts by model

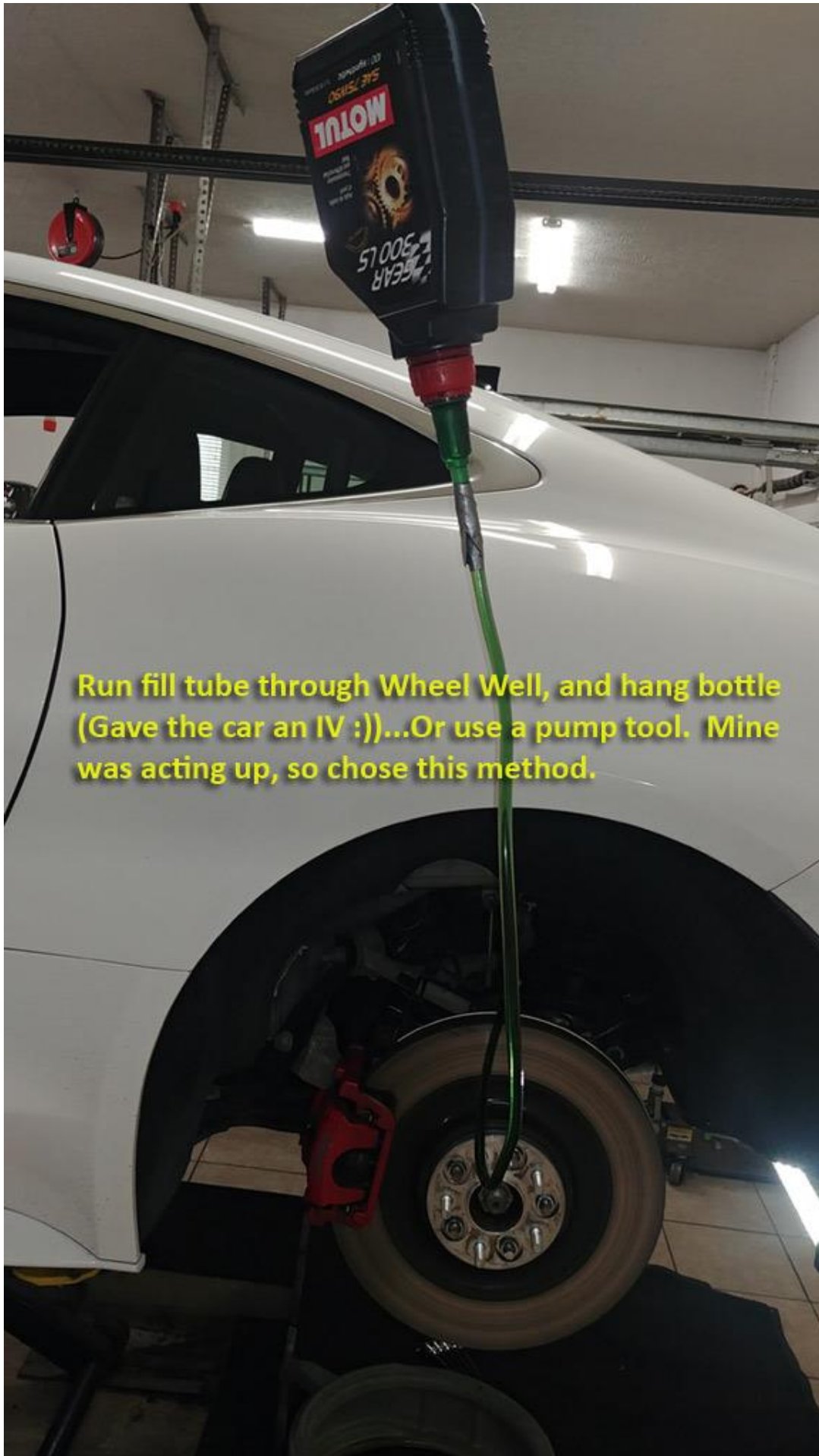
Vehicles with 3.0L petrol (340 PS) Dry Fill 0.84 - 0.86 Wet fill 0.815 - 0.835 Liters
 Vehicles with 3.0L petrol (360 PS) Dry Fill 0.84 - 0.86 Wet fill 0.815 - 0.835 Liters
 Vehicles with 5.0L petrol Dry Fill 1.24 - 1.26 Wet fill 1.200 - 1.220 Liters



Fill Hole Accessible through Driver Rear Wheel Well

Coil Spring





Run fill tube through Wheel Well, and hang bottle (Gave the car an IV :))...Or use a pump tool. Mine was acting up, so chose this method.

Once full, Use the same tools above and the same method to re-install the fill plug. Replace your wheel (**Don't forget to torque your lug nuts!**), and lower the car (unless you have AWD, and want to do the front!)



Take your time...when done...you should have no extra parts if done right! 😊