

Origin Drive Unit

Labor Code: 381030024

Important:

This manual is written for professional automotive technicians who have received high voltage training. It is the technician's responsibility to make sure that the vehicle is safe to work on before beginning inspections or repairs, and to perform all work in a safe manner and in a safe work environment. Refer to the [Introduction](#) section for additional important information.

Non-Reusable Component(s):

Part Number	Quantity
If equipped:	
PT00505880-A	1
PT00576929-A	1

Torque Specifications:

Step Number	Torque (Nm)
2 (internal hex plug)	22
2 (external hex plug)	58
2 (internal hex plug)	22
2 (external hex plug)	58

Drain

Warning:

Wear appropriate eye protection during this procedure.

Warning:

Use the specified fluid(s) or exact equivalent only.

Warning:

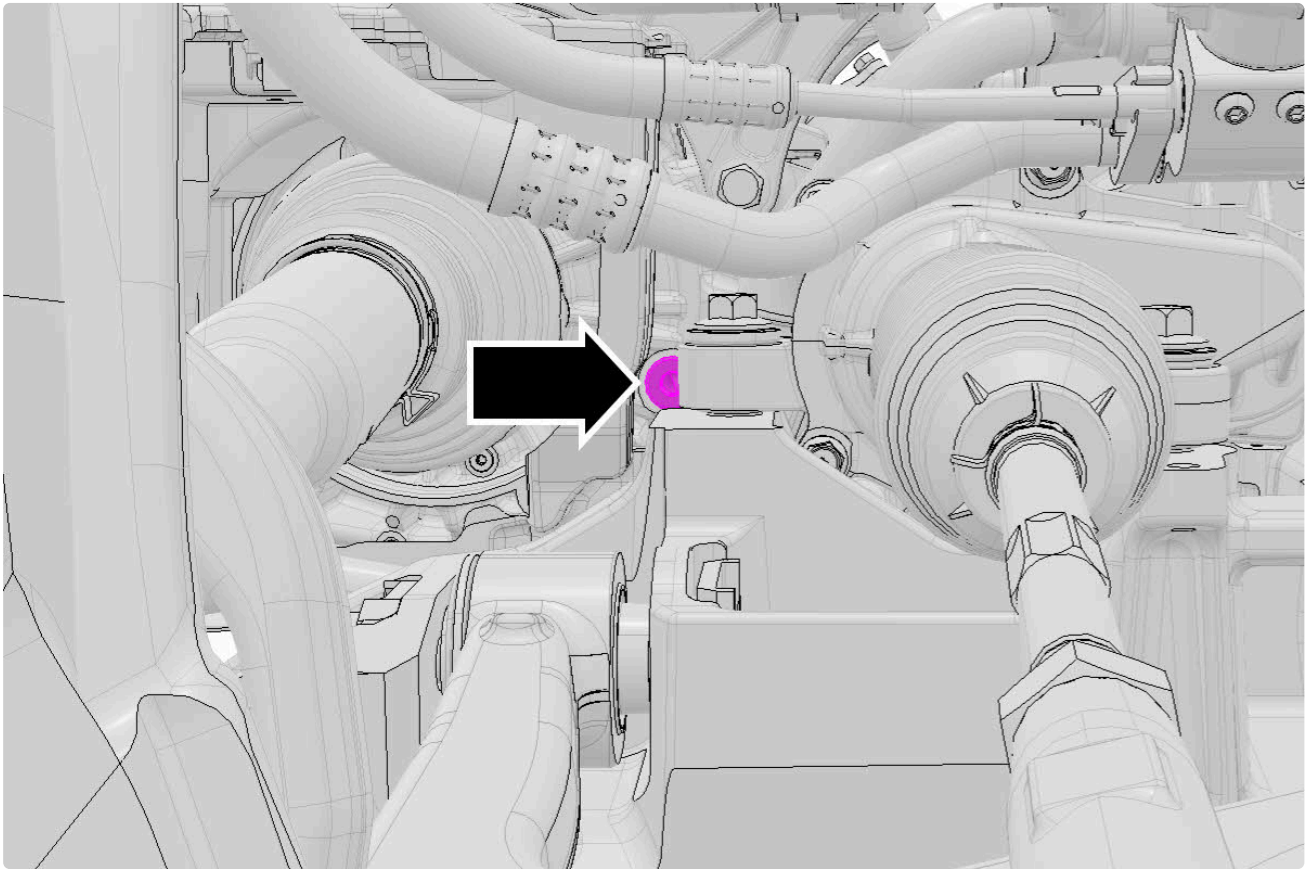
If hydraulic suspension fluid, brake fluid, grease, or other lubricants get on brake pads or rotors, clean them thoroughly with brake cleaner. Contaminated brake pads can increase stopping distance and cause unexpected braking behavior.

1. On the RH side: Remove: [Wheel and Tire Assembly, Front, LH \(Remove and Reinstall\)](#).
2. Remove: [Panel, Underbody, Front Subframe \(Remove and Replace\)](#).
3. Place a fluid drain pan beneath the working area.

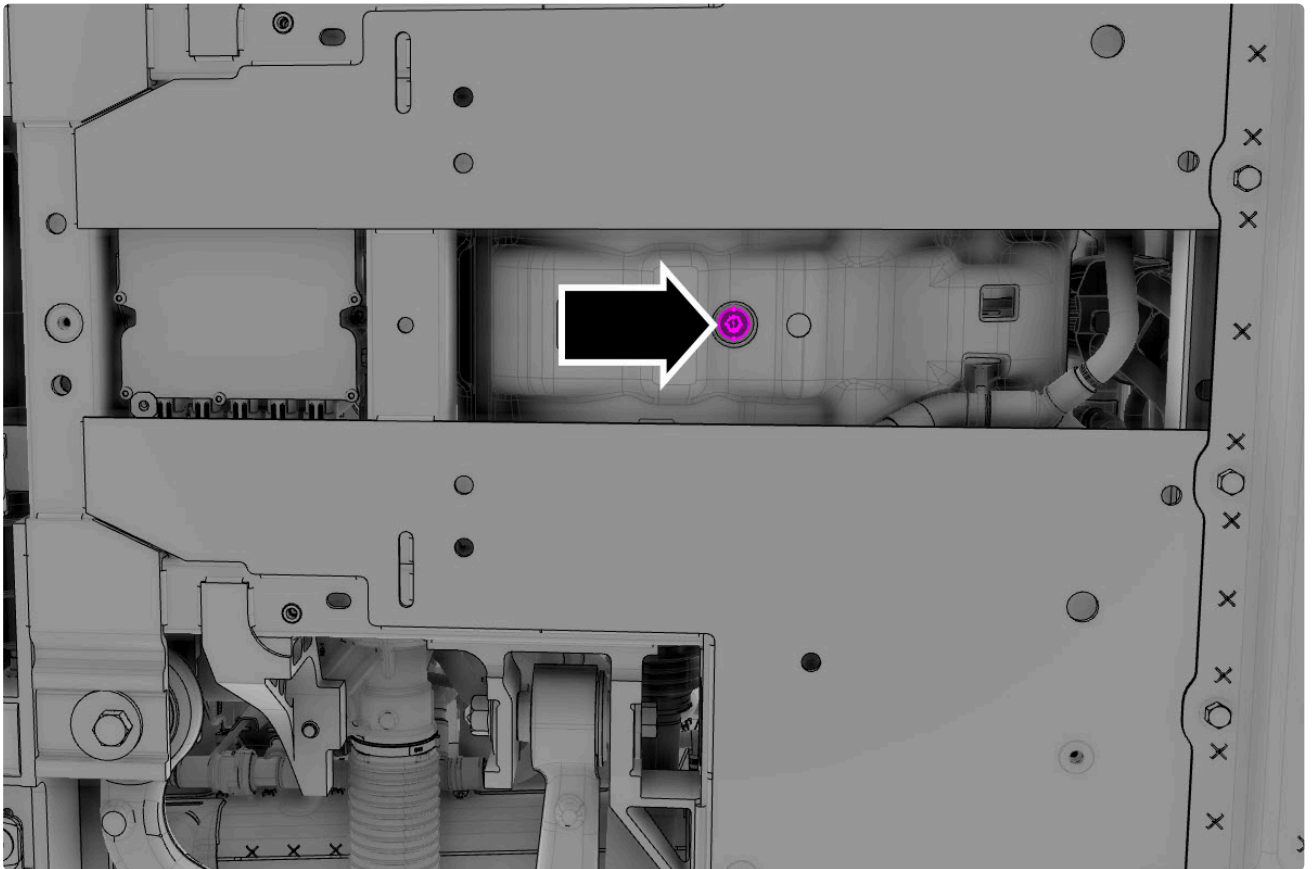
Note:

Minimum capacity: 1.5 L (0.4 gal)

4. RH front:



5. Drain the fluid.



Note:

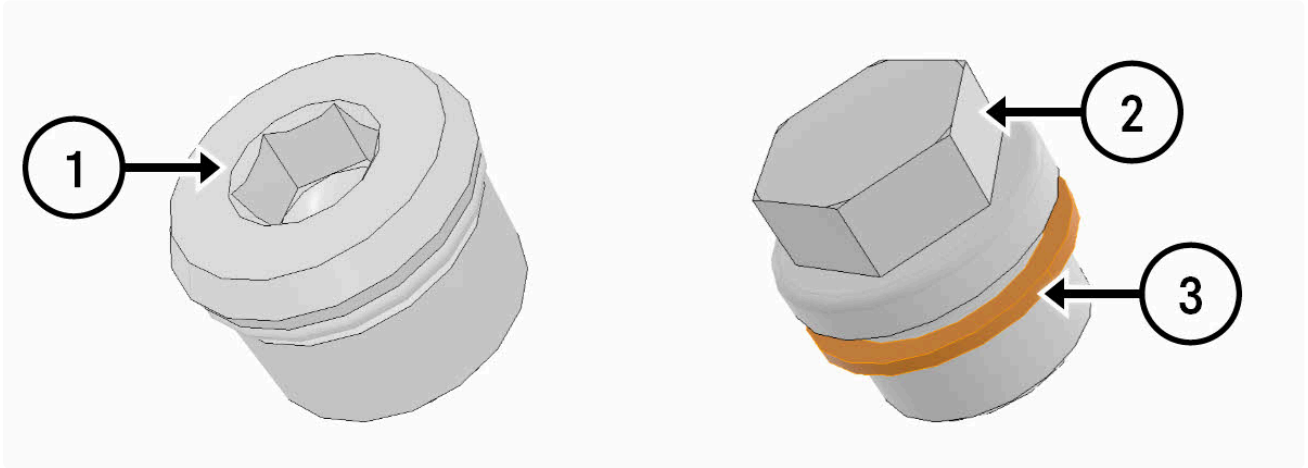
1st generation front subframe shown, 2nd generation front subframe similar.

CAUTION:

Properly dispose of all fluid.

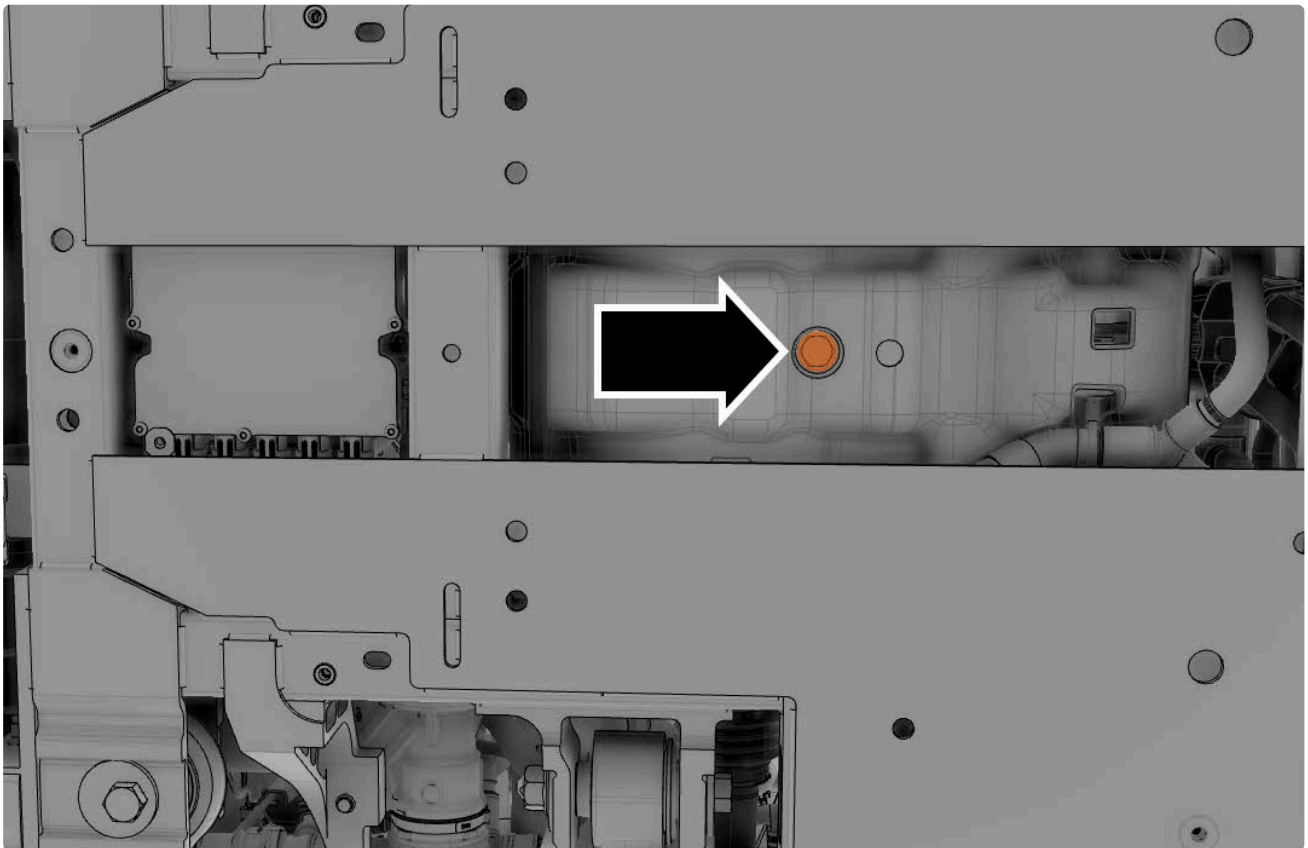
Refill

1. Inspect the components. Replace as shown:



1	Internal hex plug. Reuse.
2	External hex plug. Reuse.
3	Metal sealing washer for the external hex plug. Replace.
CAUTION: Non-reusable component(s).	

2. Install:



Note:

1st generation front subframe shown, 2nd generation front subframe similar.

internal hex plug

Torque: 22 Nm

external hex plug

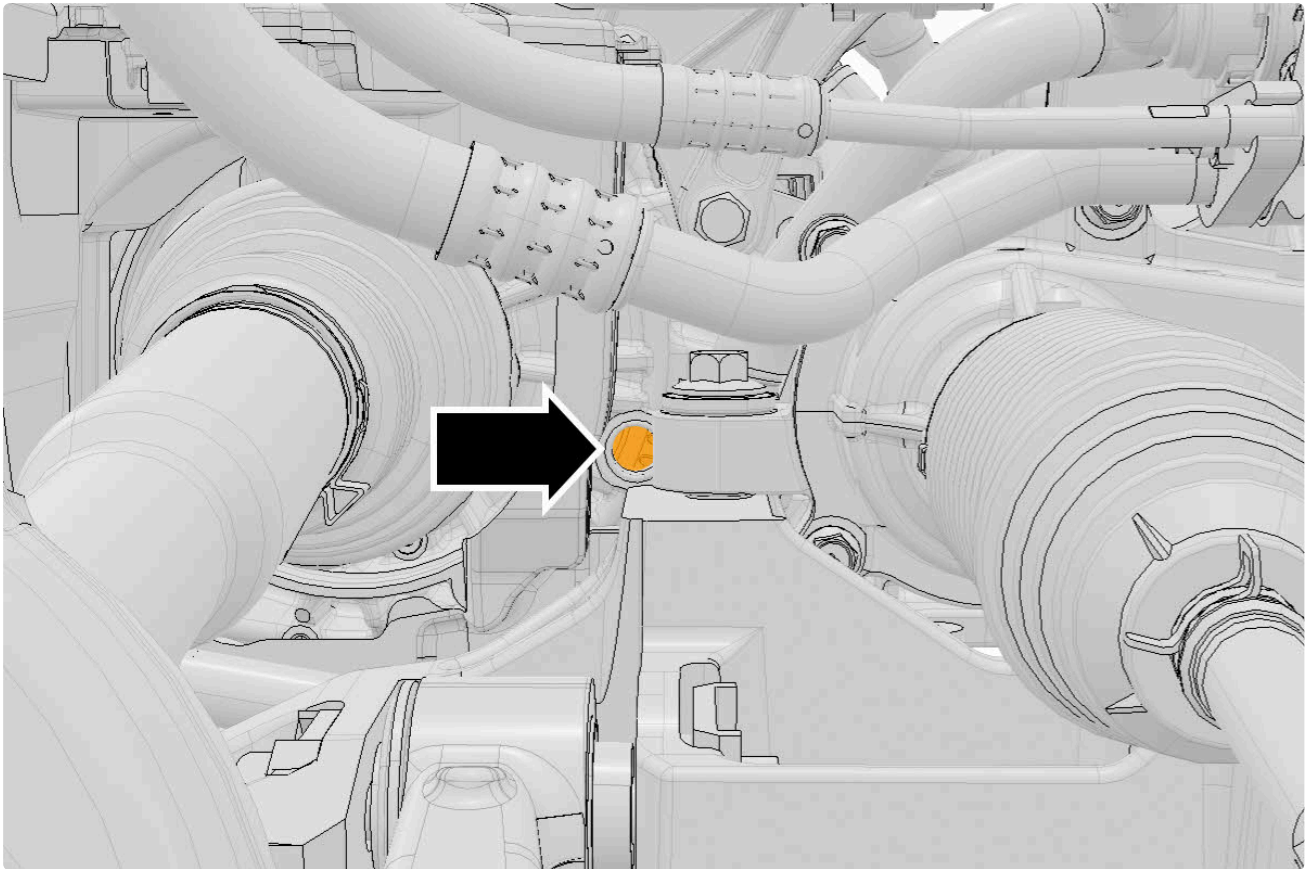
Torque: 58 Nm

3. Make sure that the fluid pump is clean.
4. Measure exactly the specified amount of the appropriate fluid.

Product	Part Number
Castrol BOT 350 M3	PT01140725-A
Castrol ON EV Transmission Fluid D2	

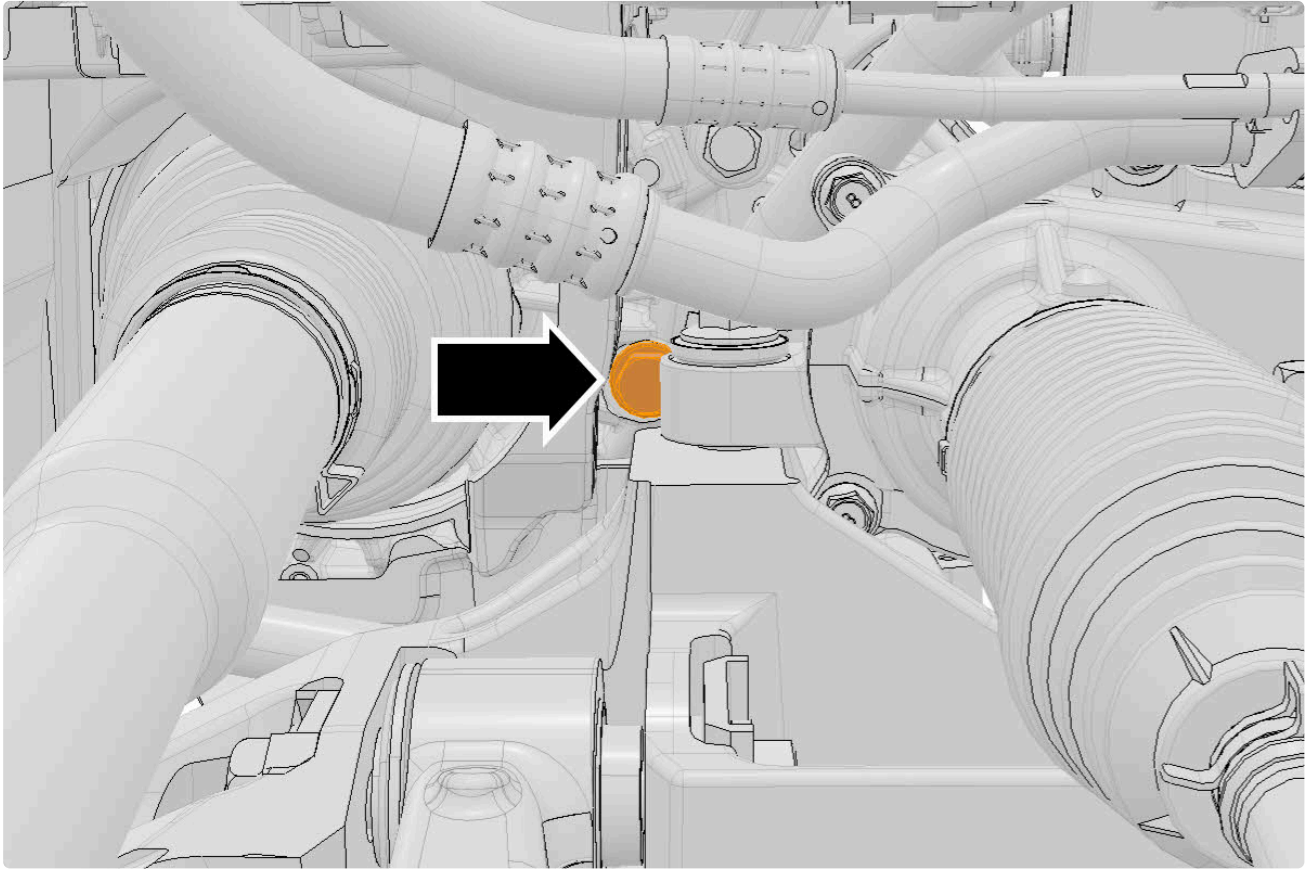
Typical drain and refill
1.1 L - 1.3 L (1.2 qt - 1.4 qt)

5. Place a fluid drain pan beneath the working area.
6. Using the fluid pump: Refill:



CAUTION:
Fill the drive unit with only the specified volume.

7. Install:



internal hex plug

Torque: 22 Nm

external hex plug

Torque: 58 Nm

8. Reinstall all components that were removed for access.