



# Clutch System Bleeding

## Special Tool(s) / General Equipment

Fluid Suction Gun
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Brake/Clutch System Pressure Bleeder/Filler
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## Bleeding

1. **NOTE:** *Make sure that the vehicle is level.*

With the vehicle in NEUTRAL, position it on a hoist.

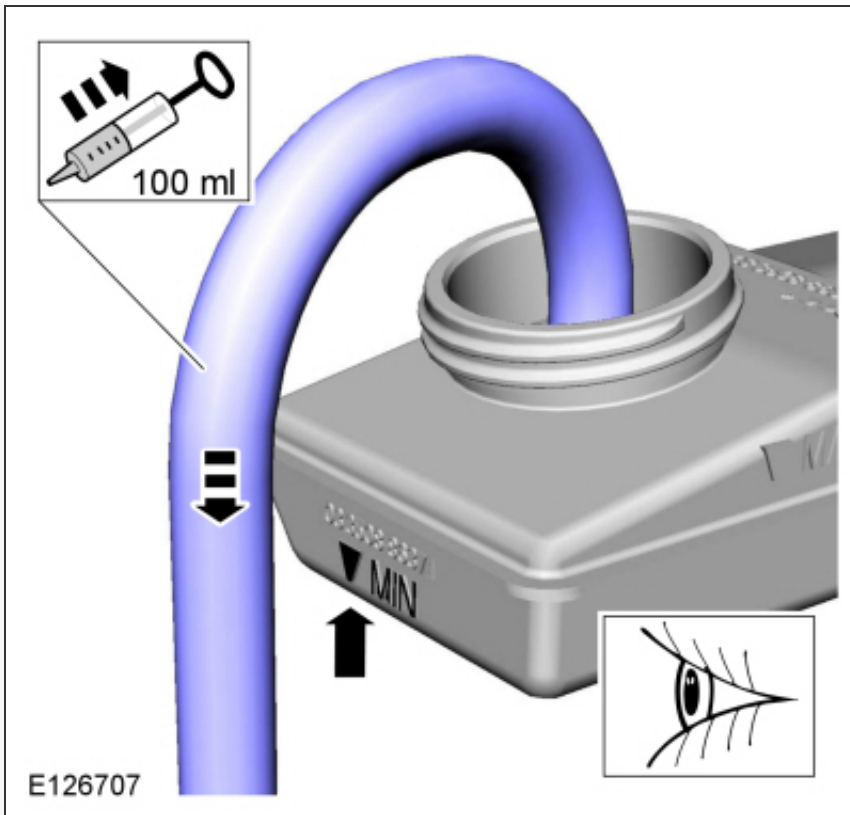
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

2. **NOTE:** *Make sure that the brake fluid level does not drop below the MIN mark.*

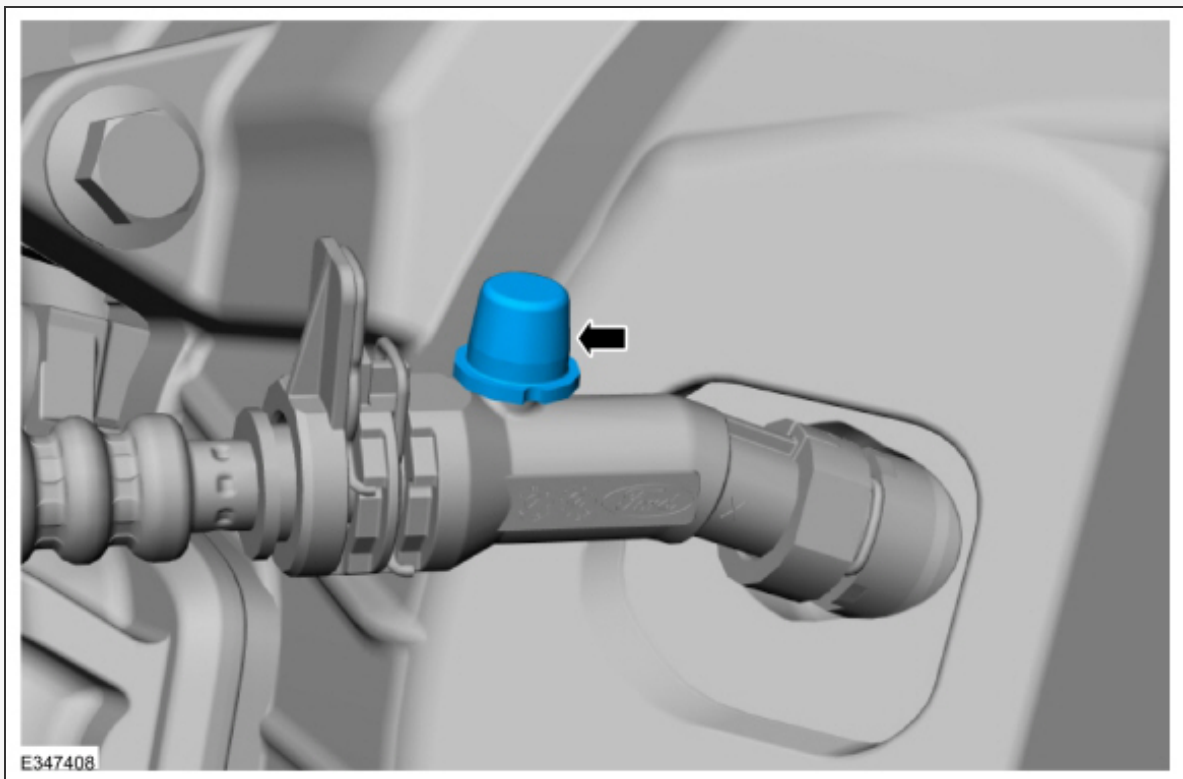
Using a suction gun, drain the brake fluid reservoir to the MIN mark.

Use the General Equipment: Fluid Suction Gun





3. Remove the clutch system bleeder cap.



4.

Using the brake system pressure bleeder, bleed the clutch system.

1. Install a brake system pressure bleeder and fill the tool reservoir with brake fluid.

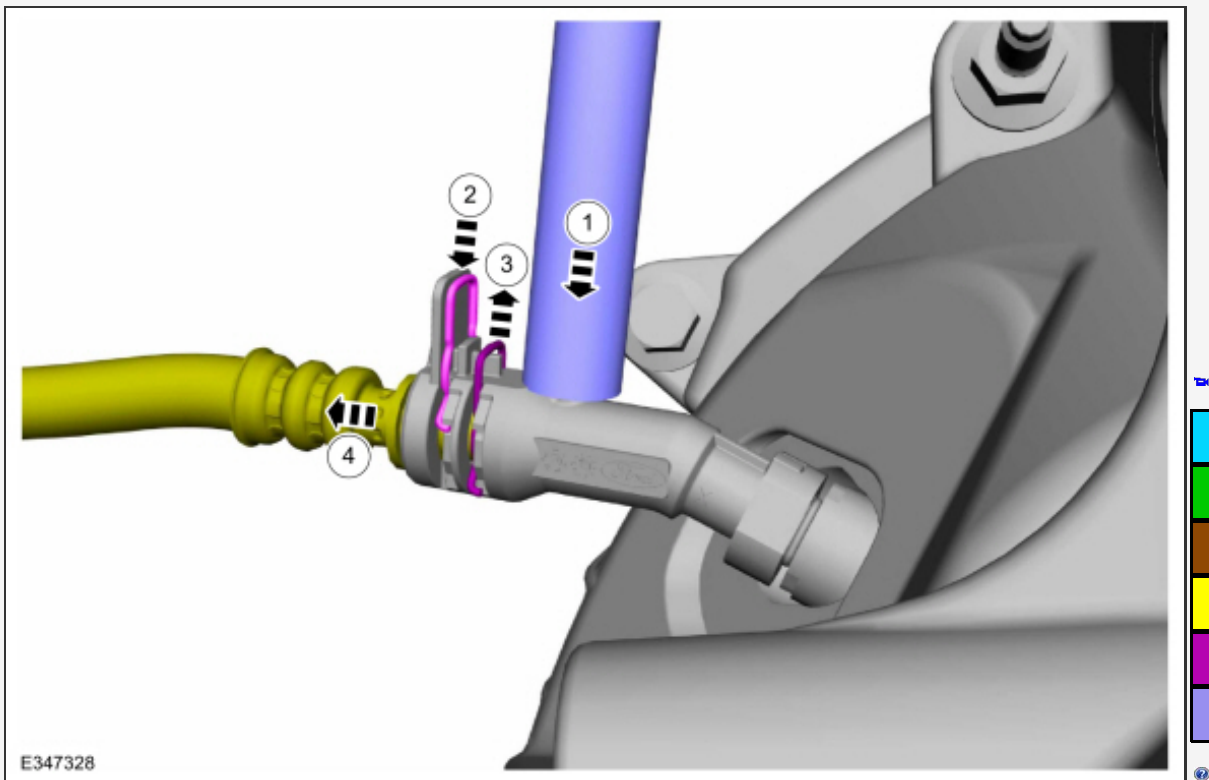
Refer to: [Specifications](#) (206-00 Brake System - General Information, Specifications).

Use the General Equipment: Brake/Clutch System Pressure Bleeder/Filler

2. Push the bleeder circlip in to the lock position.
3. Release the circlip closest to the clutch bleed nipple.

4. **NOTE:** *The second circlip should be locked. The clutch bleed line will be retained by the second circlip.*

Pull the clutch line out of the clutch slave cylinder as far as it will go.



5. **NOTICE:** Do not apply more than 21.8 psi (1.5 bar) of pressure.

**NOTE:** *Be careful to not let the brake fluid go over the "MAX" fluid level of the master cylinder reservoir.*

Using the brake system pressure bleeder, bleed the clutch system.

Refer to: [Specifications](#) (206-00 Brake System - General Information, Specifications).

Use the General Equipment: Brake/Clutch System Pressure Bleeder/Filler

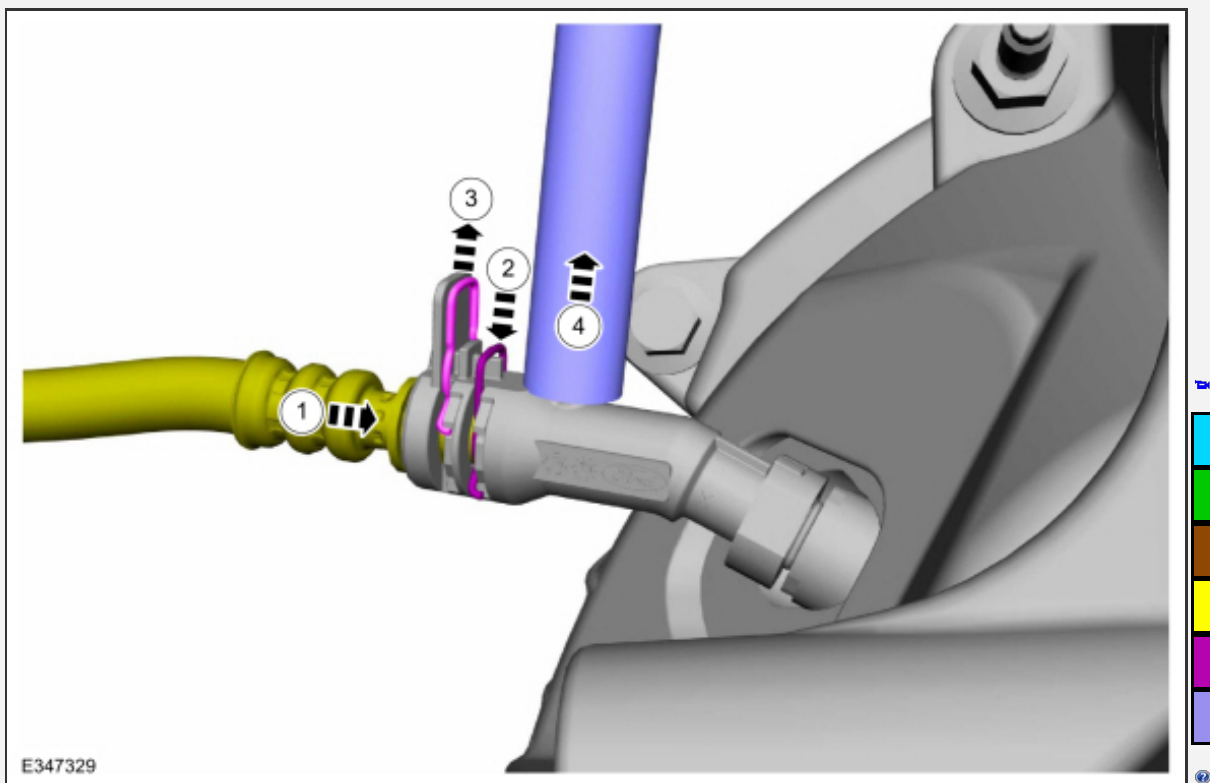
6.

Remove the brake system pressure bleeder.

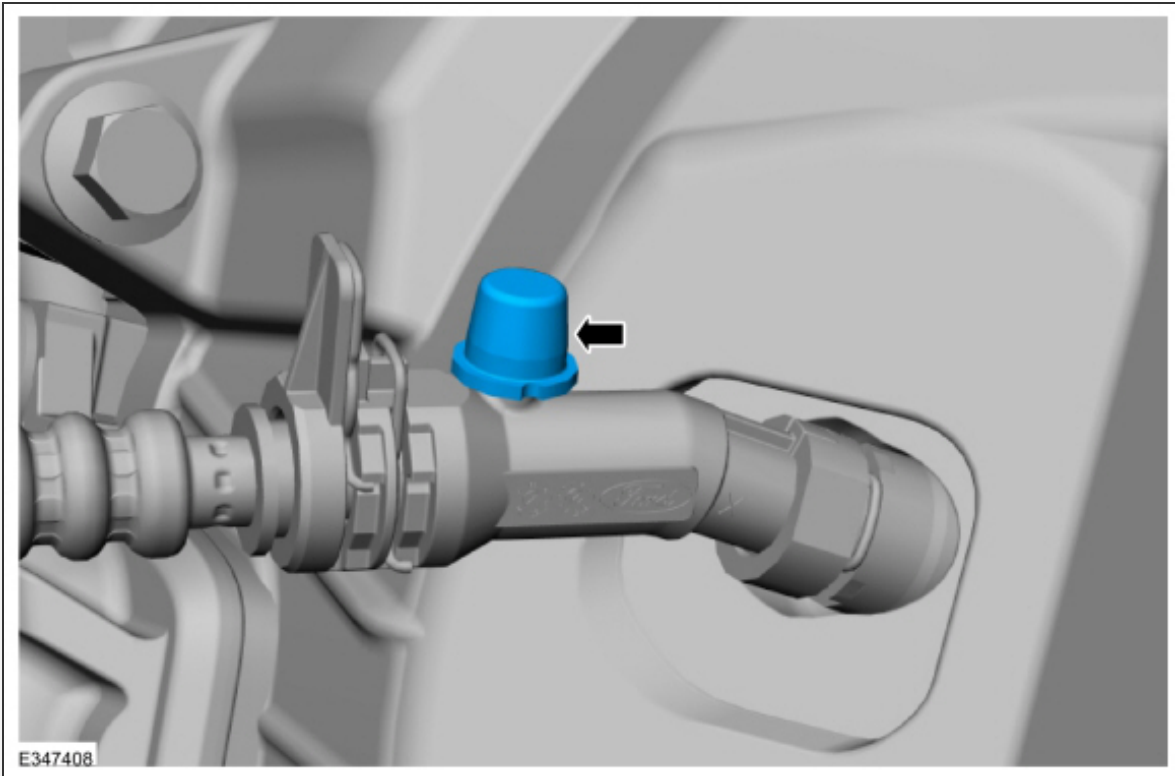
1. Push the clutch line in the clutch slave cylinder until it is fully seated.
2. Insert the circlip.
3. Release the circlip closest to the clutch fluid line.
4. **NOTE:** *The second circlip should be locked. The clutch bleed line will be retained by the second circlip.*

Remove the clutch bleeder hose.

Use the General Equipment: Brake/Clutch System Pressure Bleeder/Filler

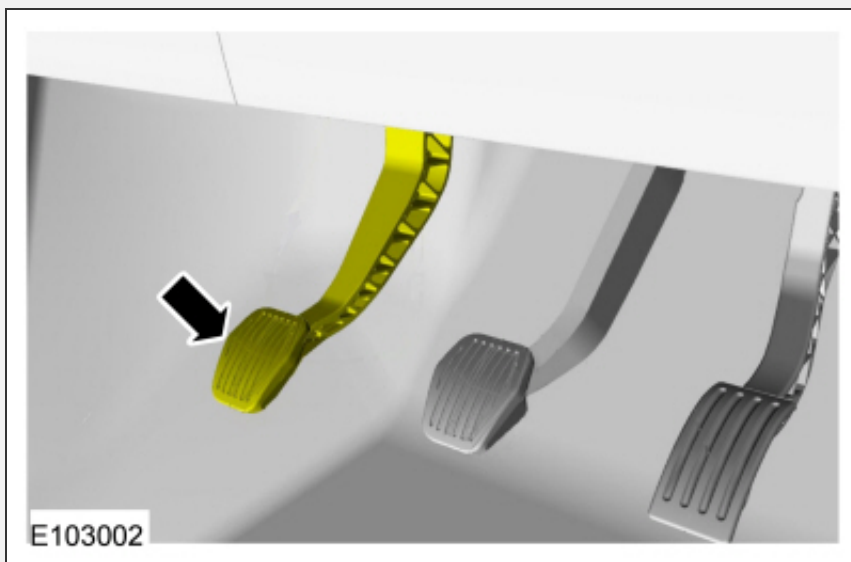


7. Install the clutch system bleeder cap.



8. **NOTICE:** Do not pump the clutch pedal with a high pedal actuation speed/frequency, due to high risk of clutch slave cylinder over stroke that could cause damage.

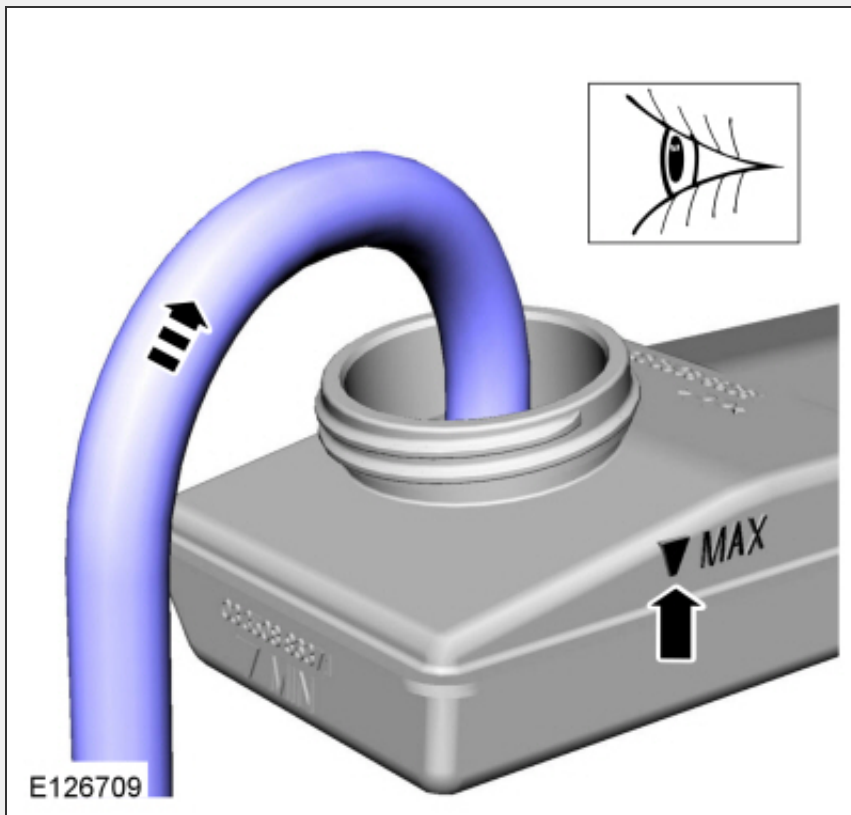
Pump the clutch pedal 5 times at a moderate stroke speed, using the full clutch pedal travel to remove any trapped air from the hydraulic system.



9. **NOTE:** Make sure that fluid level is to the MAX mark.

Fill the reservoir with brake fluid.

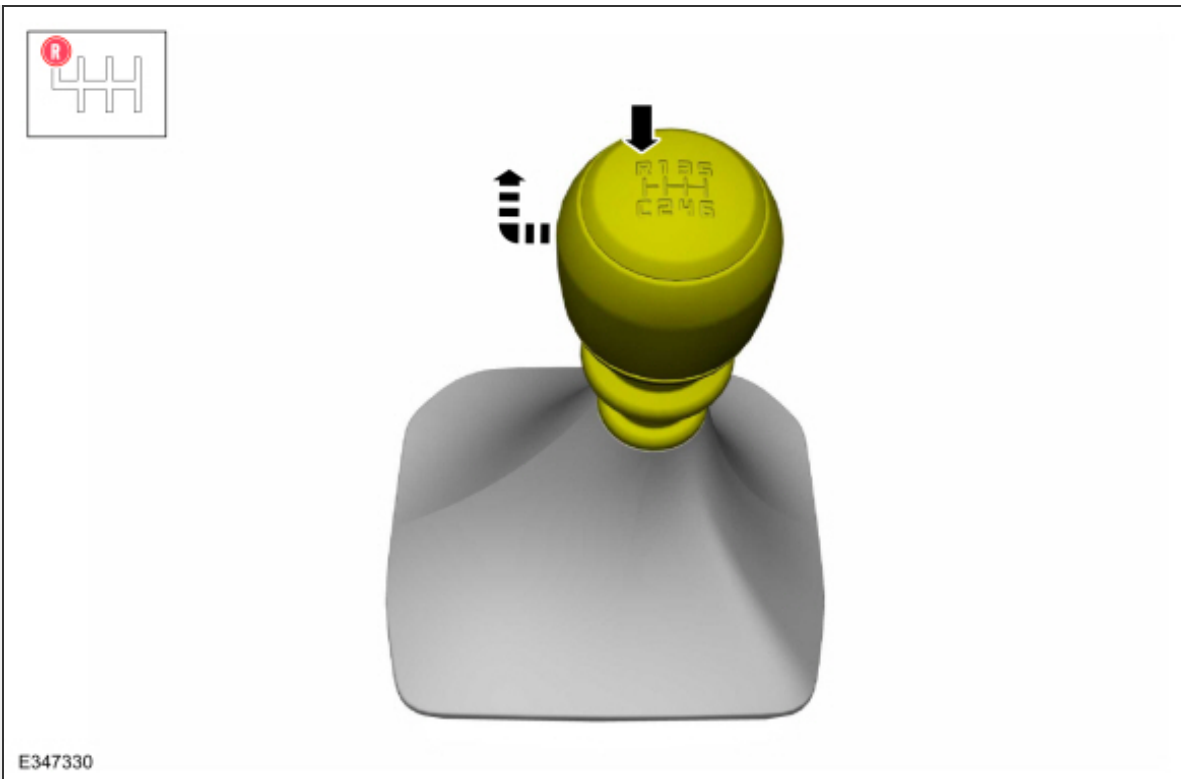
Refer to: [Specifications](#) (206-00 Brake System - General Information, Specifications).



10. Start the engine.

11. **NOTICE: Do not pump the clutch pedal with a high pedal actuation speed/frequency, due to high risk of clutch slave cylinder over stroke that could cause damage.**

Check the operation of the clutch. If reverse gear engagement is excessively noisy, operate the clutch pedal 5 times, using the full clutch pedal travel.



12. After waiting approximately 30 sec., check the operation of the clutch again. If reverse gear engagement is still excessively noisy, repeat the bleeding procedure.