

211-00 Steering System - General Information
General Procedures

2019 Ranger

Procedure revision date: 09/18/2018

Power Steering System Flushing

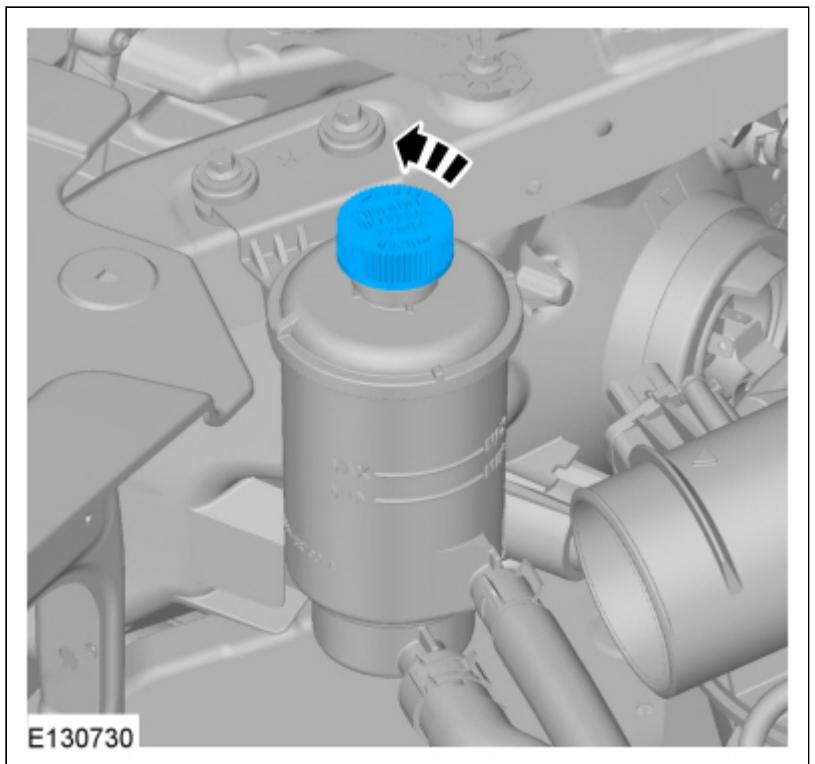
Materials

Name	Specification
Motorcraft® MERCON® LV Automatic Transmission Fluid XT-10-QLVC	MERCON® LV WSS-M2C938-A

Activation

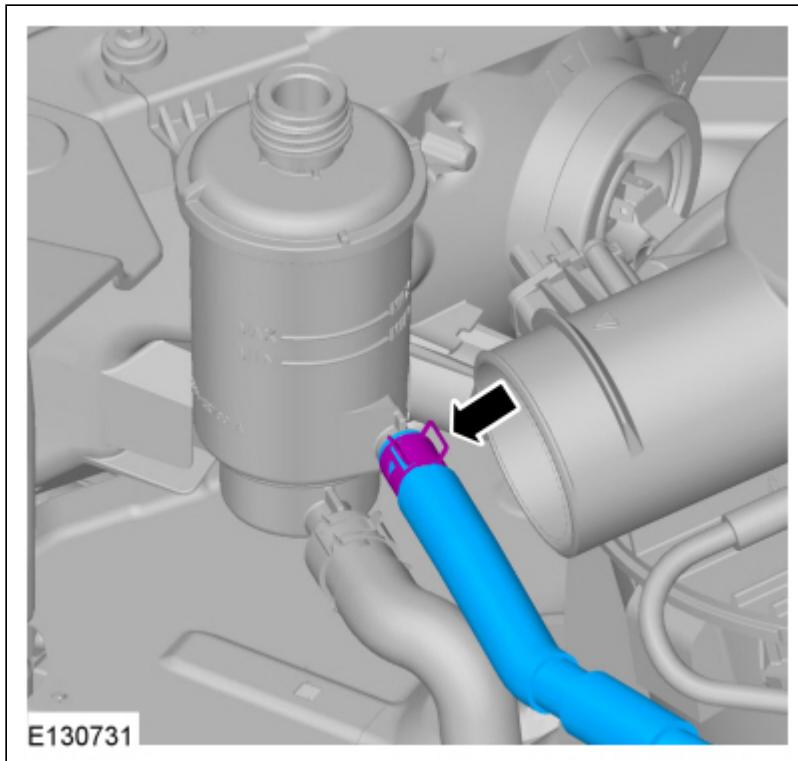
NOTICE: Do not mix fluid types. Any mixture or any unapproved fluid may lead to seal deterioration and leaks. A leak may ultimately cause loss of fluid, which may result in a loss of power steering assist.

1.

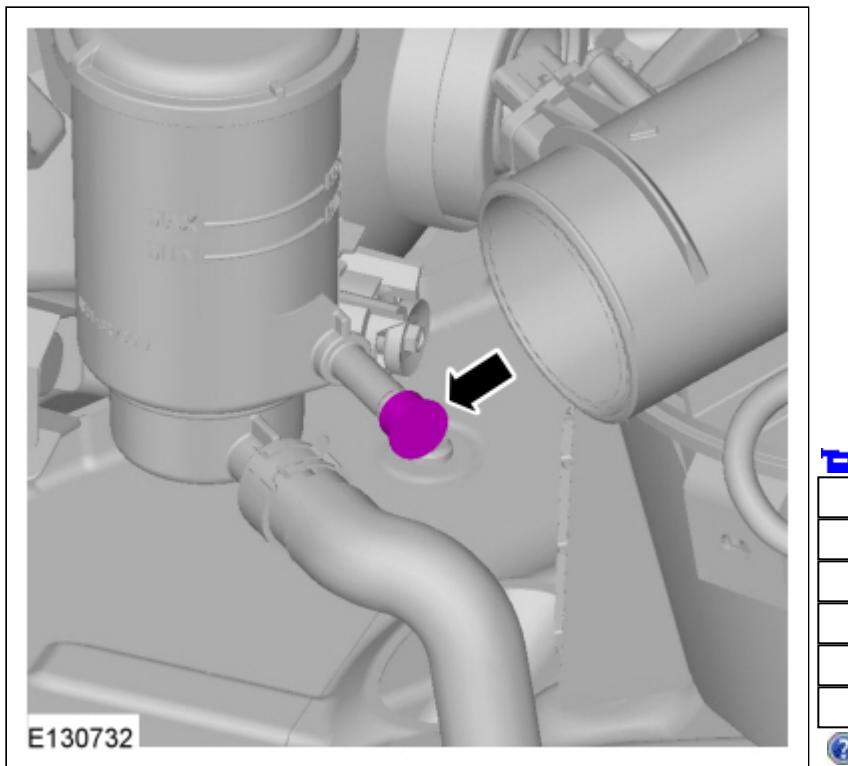


- Using a suitable suction device, remove the power steering fluid from the reservoir.
- Remove the clamp from the hose and allow the remaining fluid to drain out of the reservoir.





4. Plug the power steering fluid reservoir inlet port.



5. Attach an extension hose to the return hose.

6. **NOTE:** Do not reuse the power steering fluid that has been flushed from the power steering system.

Place the open end of the extension hose into a suitable container.

7. If equipped with Hydro-Boost®, apply the brake pedal 4 times.

8. **NOTICE:** The fluid level must remain between the MAX and MIN marks.

Fill the reservoir as needed with the specified fluid.

Material: Motorcraft® MERCON® LV Automatic Transmission Fluid / XT-10-QLVC (MERCON® LV) (WSS-M2C938-A)

9. NOTICE: Do not allow the power steering pump to run completely dry of power steering fluid. Damage to the power steering pump may occur.

Start the engine and let it idle, simultaneously turn the steering wheel to lock and then immediately turn the ignition switch to the OFF position.

10. NOTICE: Avoid turning the steering wheel without the engine running as this may cause air to be pulled into the steering gear.

NOTE: *Do not overfill the reservoir.*

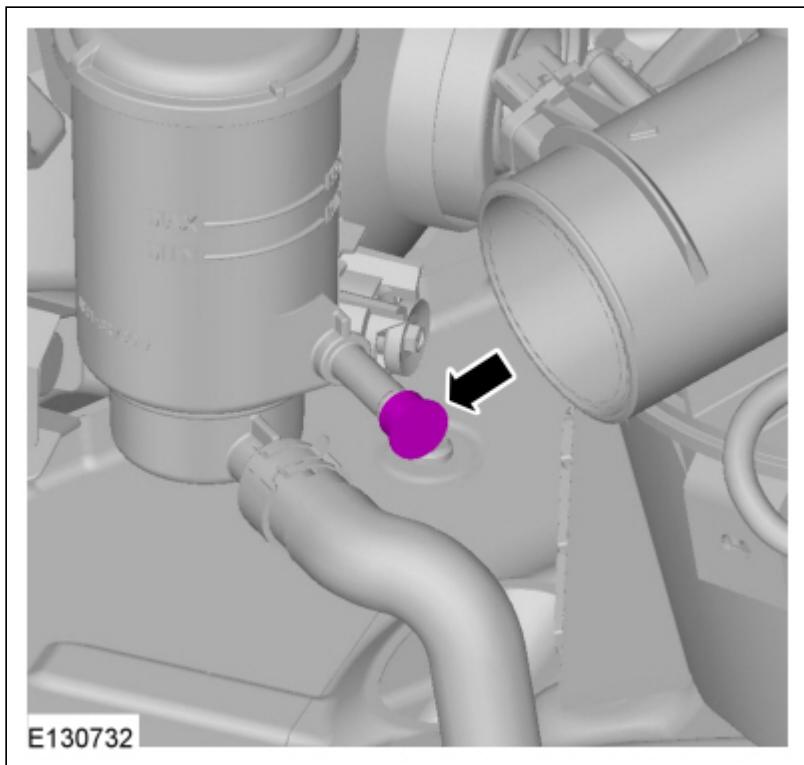
Fill the reservoir as needed with the specified fluid.

Material: Motorcraft® MERCON® LV Automatic Transmission Fluid / XT-10-QLVC (MERCON® LV) (WSS-M2C938-A)

11. Repeat Steps 8 and 9, turning the steering wheel in the opposite direction each time, until the fluid exiting the power steering fluid return hose is clean and clear of foreign material.

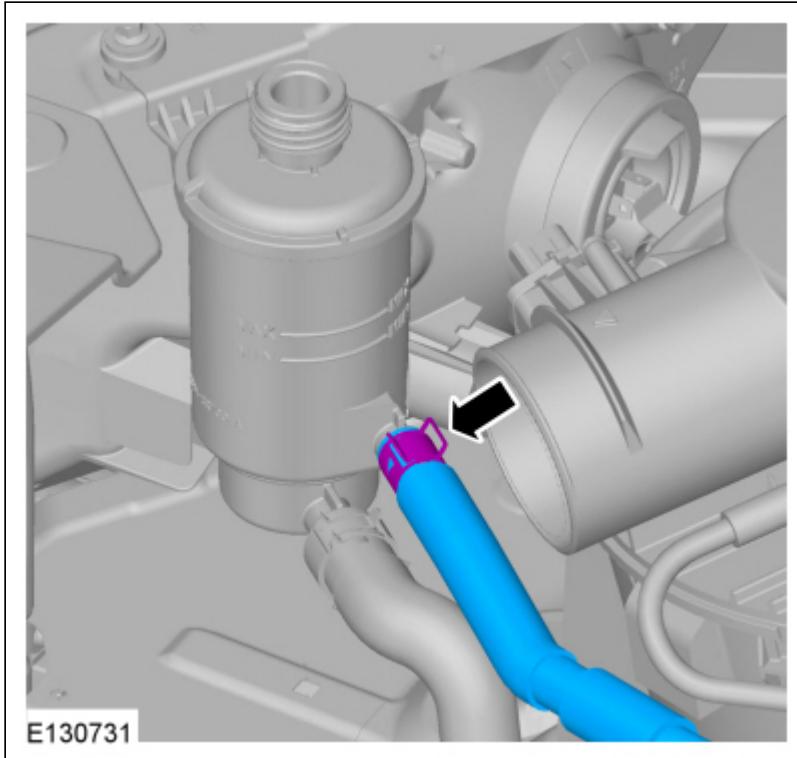
12. Remove the extension hose from the return hose.

13. Remove the plug from the fluid reservoir inlet port.



14. Install the clamp and connect the power steering return hose to the reservoir.





15. **NOTE:** If, after correctly filling the power steering system, there is power steering noise accompanied by evidence of aerated fluid and there are no fluid leaks, it may be necessary to bleed the power steering system.

Refer to: [Power Steering System Filling](#) (211-00 Steering System - General Information, General Procedures).
Refer to: [Power Steering System Bleeding](#) (211-00 Steering System - General Information, General Procedures).

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