

206-09 Anti-Lock Brake System (ABS) and Stability Control
Removal and Installation

2019 Ranger
Procedure revision date: 11/1/2018

Hydraulic Control Unit (HCU)

Base Part Number: 2C405

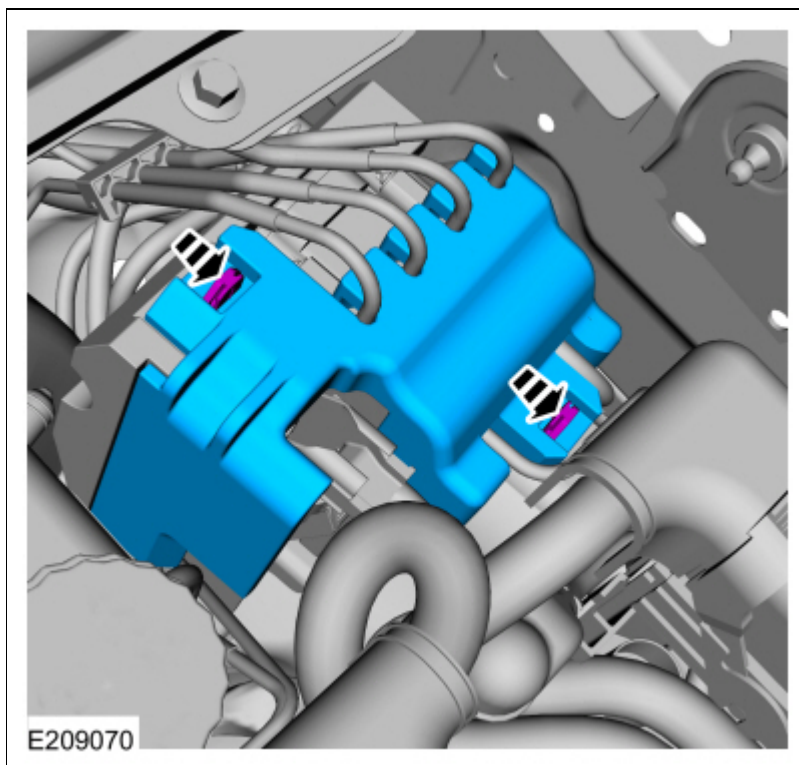
Removal

NOTE: Removal steps in this procedure may contain installation details.

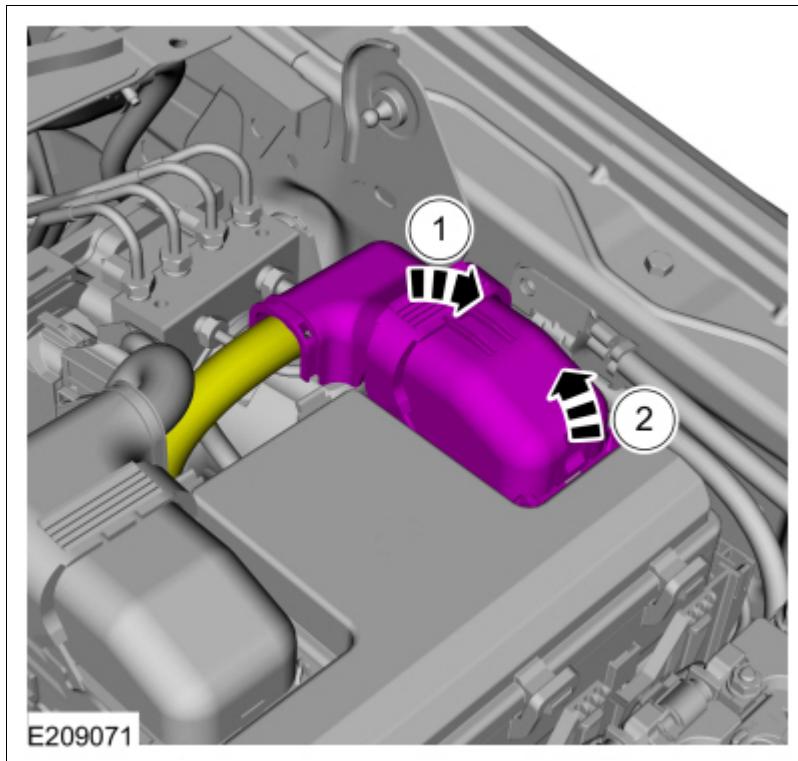
1. **NOTE:** The PMI process must begin with the current ABS module installed. If the current ABS module does not respond to the diagnostic scan tool, the tool may prompt for As-Built Data as part of the repair.

Using a diagnostic scan tool, begin the PMI process for the ABS module following the onscreen instructions.

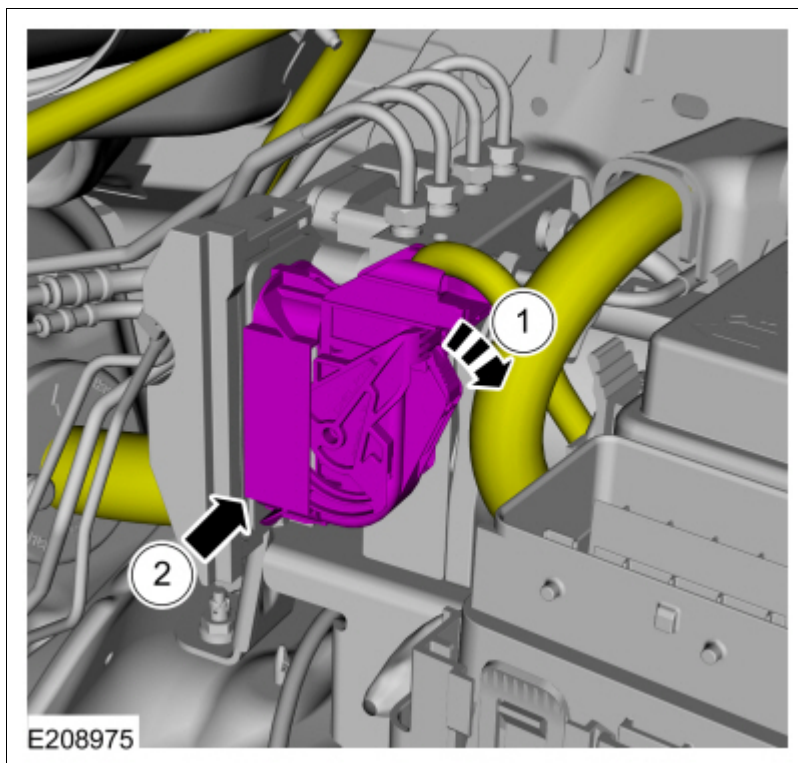
2. Remove the cover.



3.
 1. Pull the locking lever down.
 2. Disconnect the electrical connector.



4. Disconnect the ABS module electrical connector.

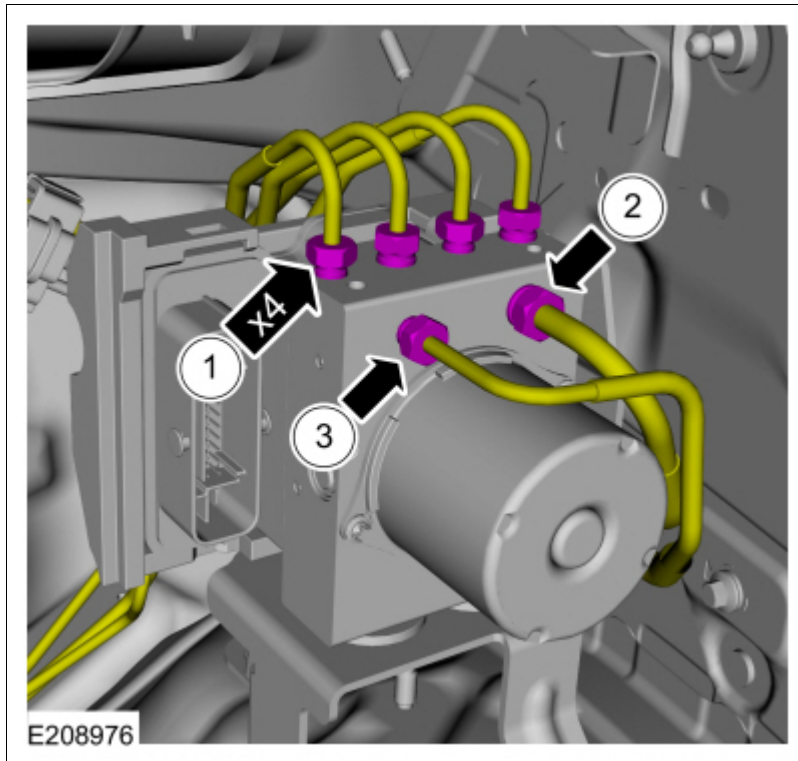


5. **NOTICE:** Make sure that all openings are sealed.

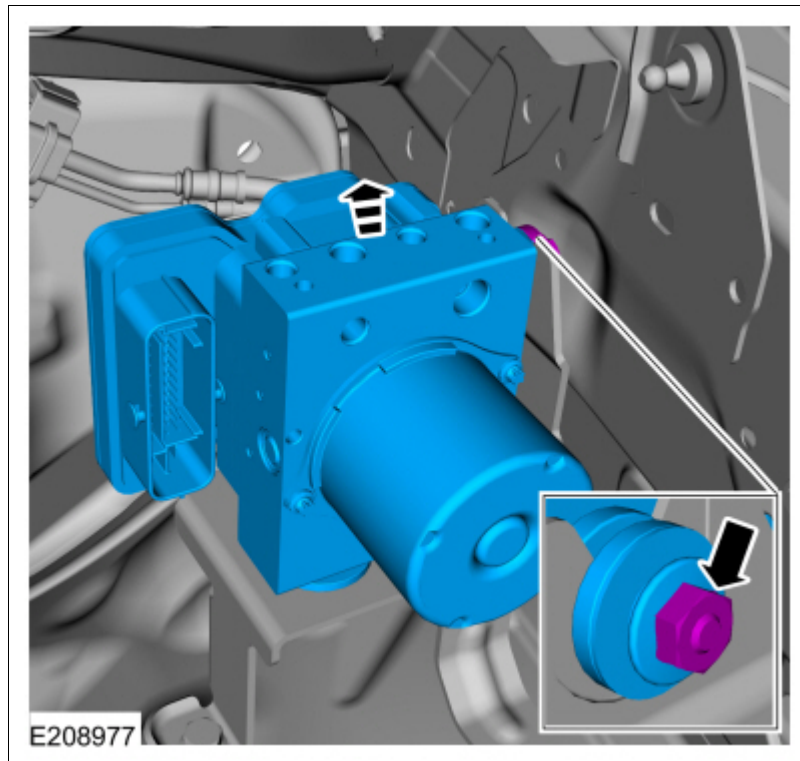
NOTICE: If the brake fluid is spilled on any component, the affected area must be immediately

washed down with cold water.

1. Disconnect the brake tube fittings.
Torque: 17 lb.ft (23 Nm)
2. Disconnect the brake tube fitting.
Torque: 21 lb.ft (28 Nm)
3. Disconnect the brake tube fitting.
Torque: 17 lb.ft (23 Nm)



6. Loosen the bolt and remove the HCU
Torque: 71 lb.in (8 Nm)



Installation

1. To install, reverse the removal procedure.
2. Using a diagnostic scan tool, complete the PMI process for the ABS module following the on-screen instructions.
3. Carry out the IVD initialization using the scan tool and following the diagnostic scan tool on-screen instructions.
4. Bleed the brake system.
Refer to: [Brake System Pressure Bleeding](#) (206-00 Brake System - General Information, General Procedures).

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