


2009 Escape

SECTION 206-09: Vehicle Dynamic Systems	2009 Escape/Mariner/Escape Hybrid/Mariner Hybrid Workshop Manual
REMOVAL AND INSTALLATION	Procedure revision date: 06/26/2008

[Report a problem with this article](#)

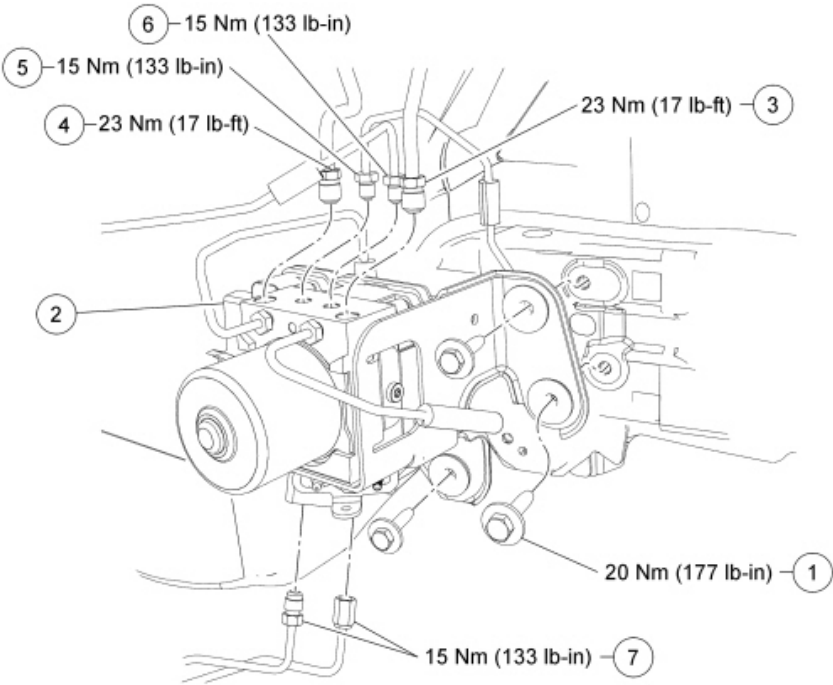
Hydraulic Control Unit (HCU)

Special Tool(s)



ST2834-A

Vehicle Communication Module (VCM) and Integrated Diagnostic System (IDS) software with appropriate hardware, or equivalent scan tool



N0088774

Item	Part Number	Description
1	W712119	Hydraulic Control Unit (HCU) bracket-to-frame bolt (3 required)
2	2C215	HCU
3	—	Master cylinder secondary brake tube fitting (part of 2268)
4	—	Master cylinder primary brake tube fitting (part of 2268)
5	—	LH front brake tube fitting (part of 2264)
6	—	RH front brake tube fitting (part of 2263)
7	—	Rear brake tube fittings (part of 2267)

Removal and Installation

WARNING: Do not use any fluid other than clean brake fluid meeting manufacturer's specification. Additionally, do not use brake fluid that has been previously drained. Following these instructions will help prevent system contamination, brake component damage and the risk of serious personal injury.

WARNING: Carefully read cautionary information on product label. For **EMERGENCY MEDICAL INFORMATION** seek medical advice. In the USA or Canada on Ford/Motorcraft products call: 1-800-959-3673. For additional information, consult the product Material Safety Data Sheet (MSDS) if available. Failure to follow these instructions may result in serious personal injury.

NOTICE: Do not spill brake fluid on painted or plastic surfaces or damage to the surface may occur. If brake fluid is spilled onto a painted or plastic surface, immediately wash the surface with water.

NOTE: When installing a new ABS module/Hydraulic Control Unit (HCU) assembly, it must be configured (either by download/upload or uploading the as-built data method).

All vehicles

1. **NOTE:** This step is necessary only if a new ABS module is being installed.

Connect the scan tool and upload the module configuration from the ABS module. For additional information, refer to [Section 418-01](#).

2. Remove the Air Cleaner (ACL) and the ACL outlet pipe. For additional information, refer to [Section 303-12A](#) or [Section 303-12B](#).
3. Disconnect the master cylinder brake tube fittings from the HCU.
 - To install, tighten to 23 Nm (17 lb-ft).

Vehicles with 3.0L engine

4. Disconnect the master cylinder brake tube fittings from the master cylinder and remove the brake tubes.
 - To install, tighten to 23 Nm (17 lb-ft).

All vehicles

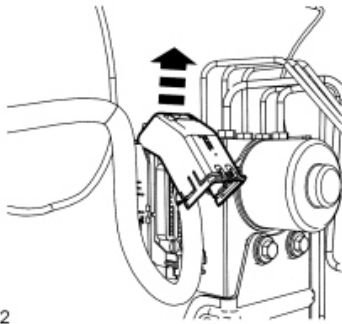
5. **NOTE:** The brake tubes must be installed in the same location as removed.

Disconnect the front brake tube fittings from the HCU.

- To install, tighten to 15 Nm (133 lb-in).

6. Disconnect the rear brake tube fittings from the jumper tubes.
 - To install, tighten to 15 Nm (133 lb-in).

7. Disconnect the electrical connector by rotating the protective cover.



8. Remove the 3 HCU bracket-to-frame bolts and remove the HCU.
 - To install, tighten to 20 Nm (177 lb-in).
 9. To install, reverse the removal procedure.
 10. If a new ABS module was installed, download the module configuration information from the scan tool.
For additional information, refer to [Section 418-01](#).
 11. If a new ABS module and/or a new HCU was installed, carry out the IVD Initialization sequence following the scan tool directions.
 12. Bleed the brake system. For additional information, refer to [Section 206-00](#).
-