



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

March 21, 2022

Mr. Adrian Diaz
Assistant Engineering Director Automotive Safety Office
Ford Motor Company
330 Town Center Drive
Suite 500/5024
Dearborn, MI 48126

NEF-107DM
22V-150

Subject: Brake Master Cylinder May Leak Fluid into Booster

Dear Mr. Diaz:

This letter serves to acknowledge Ford Motor Company's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety recall which will be conducted pursuant to Federal law for the product(s) listed below. Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

Makes/Models/Model Years:

FORD/EXPEDITION/2016-2017
FORD/F-150/2016-2018
LINCOLN/NAVIGATOR/2016-2017

Mfr's Report Date: March 11, 2022

NHTSA Campaign Number: 22V-150

Components:

SERVICE BRAKES, HYDRAULIC:FOUNDATION COMPONENTS:MASTER CYLINDER
SERVICE BRAKES, HYDRAULIC:POWER ASSIST

Potential Number of Units Affected: 195,864

Problem Description:

Ford Motor Company (Ford) is recalling certain 2016-2017 Ford Expedition, Lincoln Navigator, and 2016-2018 F-150 vehicles equipped with 3.5L Ecoboost engines. The brake master cylinder may allow brake fluid to leak from the front wheel circuit into the brake booster.

Consequence:

A loss of brake fluid may result in a change in brake pedal travel, increased pedal effort and reduced front brake function, requiring greater effort and distance to stop the vehicle. These conditions can increase the risk of a crash.

Remedy:

Dealers will replace the brake master cylinder. If the master cylinder is leaking, the brake booster will also be replaced. Repairs will be performed free of charge. Owner notification letters are expected to be mailed April 25, 2022. This recall is an expansion of NHTSA recall number 20V-332. Owners may contact Ford customer service at 1-866-436-7332. Ford's number for this recall is 22S11.



Notes:

Owners may also contact the National Highway Traffic Safety Administration Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to www.nhtsa.gov.

Please ensure the following requirements are met:

As required in Part 573.6, please amend the chronology to provide a summary of all warranty claims, field or service reports, and other information (such as the numbers of deaths and/or injuries), with their dates of receipt. If claim count exceeds 10 claims, please provide the total number of claims, and a receipt date range for those claims.

AMENDED 573 REQUIRED.

Please be reminded of the following requirements:

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of eight consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on, or before, 30 days after the close of the calendar quarter.

Ford Motor Company's contact for this recall will be DeMara Magruder who may be reached by email at demara.magruder@dot.gov. We look forward to working with you.

Sincerely,



Alex Ansley
Chief, Recall Management Division
Office of Defects Investigation
Enforcement