



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

**Investigation:** RQ 22-004  
**Date Opened:** 08/08/2022  
**Investigator:** Matthew Yandrick      **Reviewer:** Peter Kivett  
**Approver:** Stephen Ridella  
**Subject:** Front Brake Hose Ruptures

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Ford Motor Company  
**Products:** 2013-2018 Ford Fusion, Lincoln MKZ  
**Population:** 1,729,319 (Estimated)  
**Problem Description:** Front brake hose ruptures possibly increasing stopping distance.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	50	TBD	50
<b>Crashes/Fires:</b>	1	TBD	1
<b>Injury Incidents:</b>	0	TBD	TBD
<b>Number of Injuries:</b>	0	TBD	TBD
<b>Fatality Incidents:</b>	0	TBD	TBD
<b>Number of Fatalities:</b>	0	TBD	TBD

## ACTION / SUMMARY INFORMATION

**Action:** A Recall Query has been opened.

### Summary:

On August 11, 2020, Ford Motor Company issued safety recall 20V-469 on Model Year (MY) 2015-2018 Ford Edge and 2016-2018 Lincoln MKX vehicles that addressed front brake hoses (jounce hoses) rupturing prematurely. The cause was due to consistent localized failures of the internal reinforcement braid due to cyclic fatigue during suspension and steering articulations. The recall replaces both front brake jounce hoses with a new revised braid material and perform a brake system bleed.

The Office of Defects Investigation (ODI) has received 50 complaints alleging front brake hose failures on MY 2013-2018 Ford Fusion, Lincoln MKZ vehicles. These vehicles identified fall outside the scope of Safety Recall 20V-469. Many of the complaints allege the brake hoses are rupturing, leaking brake fluid and occurring with little to no warning. Leaked brake fluid can cause a soft brake pedal, increased pedal travel and/or extended braking distances. Additionally, ODI is aware of one alleged crash as a result of a failed brake hose, with no injuries. ODI is opening this RQ to assess the scope adequacy of safety recall 20V-469.

The ODI complaints cited above that involved front brake hose failures can be viewed at [NHTSA.gov](https://www.nhtsa.gov) under the following ODI identification numbers: 11470558, 11468994, 11467109, 11466294, 11462746, 11461217, 11456065, 11455367, 11444848, 11436419, 11436376, 11432317, 11430685, 11428517, 11428329, 11425083, 11421026, 11420738, 11420735, 11420298, 11418197, 11403926, 11397549, 11366991, 11366757, 11361016, 11359968, 11354569, 11352165, 11350344, 11348799, 11343929, 11343205, 11331947, 11329020, 11319596, 11310529, 11292271, 11288455, 11254787, 11253479, 11253244, 11234622, 11230669, 11230050, 11228240, 11221111, 11143630, 11129392 and 11120228.