



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

# ODI RESUME

**Investigation:** PE 22-012  
**Date Opened:** 11/28/2022  
**Investigator:** Iulian Gugiu **Reviewer:** Bruce York-B  
**Approver:** Stephen Ridella  
**Subject:** Loss of brake performance

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Chrysler (FCA US, LLC)  
**Products:** 2017-2018 Ram 2500-3500  
**Population:** 390,077 (Estimated)  
**Problem Description:** Intermittent or permanent loss of braking performance.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
<b>Complaints:</b>	134	TBD	TBD
<b>Crashes/Fires:</b>	0	TBD	TBD
<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:** This Preliminary Evaluation has been opened.

### Summary:

The Office of Defects Investigation (ODI) has received 134 reports from consumers alleging an intermittent or permanent loss of braking performance in certain 2017-2018 Ram 2500-3500 pickup trucks. The alleged failures continue to occur at a steady rate across both models, at all speeds, with limited detectability. The Anti-lock Braking System (ABS) module works in conjunction with the Hydraulic Control Unit (HCU), an electromechanical device that controls hydraulic pressure to the individual wheel brake assemblies, to manage braking forces during emergency stops. Several reports indicate that the replacement of both ABS module and HCU appear to correct the alleged failures.

A preliminary evaluation has been opened to assess the scope, frequency, and potential safety consequences of the alleged defect in the subject vehicle.

The reports cited below can be reviewed at [NHTSA.gov](https://www.nhtsa.gov) using the following ID numbers:

11143741,11182778,11231734,11252781,11265590,11270151,11300182,11319987,11340919,11374563,11397817,  
11406173,11413739,11415782,11432564,11435001,11436114,11438212,11440095,11442271,11443163,11444665,  
11462321,11462815,11462882,11466475,11467867,11469939,11471094,11475503,11477295,11481774,11484707,  
11289725,11348968,11349187,11353806,11362290,11372637,11408095,11414945,11418837,11422709,11423103,  
11428358,11428361,11429751,11430234,11430977,11433635,11435359,11436827,11438026,11438130,11438197,  
11439168,11440188,11440367,11441638,11441949,11442147,11442419,11442813,11443050,11443749,11444052,  
11444254,11444928,11445371,11445644,11446070,11446463,11446699,11446775,11447621,11447654,11449249,  
11449479,11449528,11450872,11453424,11454537,11455117,11456555,11456963,11458044,11458781,11459418,  
11460432,11461108,11462539,11463962,11464183,11464289,11466048,11466186,11466504,11466541,11468241,  
11470127,11471858,11472027,11472391,11472394,11472411,11474322,11475061,11475120,11475939,11477458,  
11477816,11478107,11478676,11478800,11478901,11479145,11479535,11480000,11480148,11481390,11481819,

11482034,11482484,11482937,11483094,11484776,11485239,11485376,11485459,11485621,11485692,11485985,  
11486278,11486416.