

Part 573 Safety Recall Report

17V-515

Manufacturer Name : Iowa Mold Tooling Co., Inc.

Submission Date : SEP 01, 2017

NHTSA Recall No. : 17V-515

Manufacturer Recall No. : TB2017006



Manufacturer Information :

Population :

Manufacturer Name : Iowa Mold Tooling Co., Inc.

Number of potentially involved : 38

Address : 500 Highway 18 West

Estimated percentage with defect : 100 %

P.O. Box 189 Garner IA 50438

Company phone : 1-800-247-5958

Vehicle Information :

Vehicle 1 : 2016-2017 IMT Dominator Contractor Series

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : ALL

Power Train : DIESEL

Descriptive Information : Certain configurations of the model include a front jump start plug kit installed under the hood at the chassis battery. The fuse block for this kit may contact the hood creating an electrical short. The kit has a specific part number that was included in the bill of material of certain production jobs and installed on model year 2017 Ford Super Duty chassis.

Production Dates : OCT 11, 2016 - AUG 11, 2017

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Certain IMT Dominator Contractor Series units have a fuse block installed that may contact the chassis hood creating an electrical short.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If not repaired, the electrical short created by the hood contact could result in a fire in the dash and under the hood of the chassis.

Description of the Cause : Due to changes in the 2017 Ford Super Duty chassis, the mounting kit for the jump start system was modified to locate it under the hood instead of on the bumper as on previous model years. Reduced clearance between the chassis battery and hood has created a contact point to the fuse holder of this kit.

Identification of Any Warning that can Occur : The contact of the fuse holder to the hood may leave a black mark from the rubber cover or damage the hood material if the bare stud contacts the hood.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

May 2017 IMT Technical Support received a phone call regarding a fire on a unit in Florida. Photos and additional information were requested so that the investigation could be supported.

July 2017 IMT received photos and a repair invoice from the customer and Ford dealer in Florida. The Ford technician making the repair identified the fuse holder electrical short as the cause of the fire. IMT began investigating the design and assembly process to determine root cause.

August 2017 IMT was notified of two additional units that had experienced a fire related to the fuse block short. IMT was also contacted by Ford and notified they had been involved in some investigations related to the under hood clearance change and issues upfitters had experienced. Testing was completed on a new bracket to relocate the fuse block. After analysis of all the information, it was decided on 8/11/16 that vehicles in the field with the subject jump start kit posed a safety risk and to declare a recall to remedy the issue on all affected units.

Description of Remedy :

Description of Remedy Program : The remedy consists of replacing the jump start kit mounting bracket with one that relocates the fuse block to a position that allows adequate clearance to the chassis hood or removing the front jump start system from the vehicle.

The procedure will be performed by the owner's service technicians at no cost to the customer, and should take less than 30 minutes to perform. The owner may file a warranty claim to IMT for reimbursement of parts & labor.

How Remedy Component Differs from Recalled Component : The original mounting bracket, IMT part number 60144650, will be replaced by bracket part number 60145463. The fuse block was mounted parallel to the jump start plug on the original bracket and will be mounted rearward and at an angle to the plug on the remedy bracket.

Identify How/When Recall Condition was Corrected in Production : On 8/15/17 IMT implemented a new part number into production for the mounting bracket that will relocate the fuse block. All build jobs were updated through the engineering change process to assure the remedy was in place on new production units.

Recall Schedule :

Description of Recall Schedule : Notifications to customers will be made via a customer letter. The 577 customer letter will be mailed pending NHTSA approval.

Planned Dealer Notification Date : SEP 13, 2017 - SEP 13, 2017

Planned Owner Notification Date : SEP 13, 2017 - SEP 13, 2017

* NR - Not Reported