

Part 573 Safety Recall Report

21E-039

Manufacturer Name : Mando America Corporation

Submission Date : MAY 21, 2021

NHTSA Recall No. : 21E-039

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Mando America Corporation

Address : 4201 Northpark Drive

Opelika AL 36801

Company phone : 3343643600

Population :

Number of potentially involved : 1,254,941

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Mando Brake System

Model : Hydraulic Electronic Control Unit (HECU), also known as Anti-lock Brake System (ABS) module

Part No. : 58920-4C870 & 26more

Size : NR

Function : ABS

Descriptive Information : Mando America Corporation (Mando) supplied the ABS modules to General Motors, Hyundai Motor America, and Kia Motors America (See email correspondence from Mando to NHTSA, dated April 12, 2021). Two vehicle manufacturers, Hyundai and Kia, submitted 573 Defect Reports for certain vehicles that are equipped with Mando's ABS modules. See Hyundai Motor America (20V-520) and Kia Motor America (20V-519). GM conducted a safety investigation concerning their vehicles equipped with the same HECU and concluded that a field action is not necessary. Similarly, Mando has not determined the presence of a defect in the HECU/ABS modules.

Production Dates : JUN 17, 2013 - MAY 31, 2018

Description of Defect :

Description of the Defect : Mando has not determined the presence of a defect in the HECU/ABS modules. While the investigation is continuing to be conducted by and between Mando, Hyundai and Kia, two vehicle manufacturers, Hyundai and Kia, reported that certain vehicles equipped with ABS modules from Mando could leak brake fluid internally inside the HECU/ABS modules and that it could cause an electrical short over time.

GM also received the same HECU/ABS module but has determined that no recall is necessary.

Although Mando has not identified a defect, Mando is providing this report in accordance with Part 573.3(f) at NHTSA's request to identify vehicle manufacturers that received the HECU/ABS modules.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : According to the Hyundai and Kia's 573 Defect Reports (20V-520 and 20V-519), brake fluid may leak internally inside the HECU/ABS modules, which over time, could result in an electrical short, and an electrical short in the HECU/ABS modules increases the risk of an engine compartment fire.

Description of the Cause : Mando's investigation is continuing and Mando has not determined the presence of a defect in the HECU/ABS modules.

Identification of Any Warning that can Occur : Illumination of the MIL and/or ABS light

Involved Components :

Component Name : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

Please see ATTACHMENT A for the chronology of events.

Description of Remedy :

Description of Remedy Program : The remedy procedure, if any, will be determined by the vehicle manufacturers.

How Remedy Component Differs NR
from Recalled Component :

Identify How/When Recall Condition NR
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule : The recall schedule, if any, will be determined by each vehicle manufacturer.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Hyundai Motor America

Address : 10550 Talbert Avenue
Fountain valley CA 92708

Country : US

Company Phone : NR

Name : Kia Motors America

Address : 111 Peters Canyon Road
Irvine CA 92606

Country : US

Company Phone : NR

Name : General Motors, LLC

Address : 30001 Van Dyke

Mail Code 480-210-2V Warren MI 48090

Country : US

Company Phone : NR

* NR - Not Reported