

Part 573 Safety Recall Report

24E-046

Manufacturer Name : Mando America Corporation

Submission Date : JUN 05, 2024

NHTSA Recall No. : 24E-046

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 : 3,946

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : Mando Steering System

Power Pack (PPK), also known as Electronic Motor, which is assembled with

Model : Electronic Control Unit (ECU) as part of the Motor Driven Power Steering (MDPS), also known as Electronic Power Steering (EPS).

Part No. : 56370-CW110/K5000/DW

Size : NR

Function : Steering Assist

Descriptive Information : Steering Assist by Motor Driven Power Steering (MDPS) and Power Pack.

HL Mando America Corporation (Mando or MCA) supplied the MDPS module, including Power Pack, to Hyundai Motor America and Kia Motors America. It is our understanding that these two vehicle manufacturers, Hyundai and Kia, have submitted Part 573 Defect Reports for certain vehicles that were equipped with Mando's MDPS.

Production Dates : APR 17, 2024 - APR 29, 2024

Description of Defect :

Description of the Defect : During the manufacturing process, the Printed Circuit Board Assembly (PCBA) within the Power Pack of the MDPS may have been unintentionally assembled using contaminated flux. The contaminated flux may cause a short or open circuit. This short or open circuit can cause the ECU to detect a Diagnostic Trouble Code (DTC), resulting in the inability of the MDPS to provide steering assist.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : MDPS unit may become inoperative resulting in a loss of power steering assist. A loss of power steering assist may require higher steering effort by

Description of the Cause : the driver, especially at low speeds, thereby increasing the risk of a crash. During the manufacturing process, the Printed Circuit Board Assembly (PCBA) within the Power Pack of the MDPS may have been unintentionally assembled using contaminated flux. The contaminated flux may cause a short or open circuit. This short or open circuit can cause the ECU to detect a Diagnostic Trouble Code (DTC), resulting in the inability of the MDPS to provide steering assist.

Identification of Any Warning that can Occur : Illumination of MDPS Warning light

Involved Components :

Component Name : MDPS Power Pack

Component Description : Power Pack (PPK), also known as Electronic Motor, which is assembled with Electronic Control Unit (ECU) as part of the Motor Driven Power Steering (MDPS), also known as Electronic Power Steering (EPS)

Component Part Number : 56370-CW110, 56370-K5000, 56370-DW000

Supplier Identification :

Component Manufacturer

Name : HL Mando America Corporation

Address : 4201 North park drive
Opelika Alabama 36801

Country : United States

Chronology :

Please see ATTACHMENT A, Item #17, 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 from Recalled Component : The remedy procedure, if any, will be determined by the vehicle manufacturers.

Identify How/When Recall Condition was Corrected in Production : The remedy procedure, if any, will be determined by the vehicle manufacturers.

Recall Schedule :

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

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 America, Inc

Address : 111 Peters Canyon Road
Irvine CA 92606

Country : US

Company Phone : NR

* NR - Not Reported