

Part 573 Safety Recall Report

25V-031

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** JAN 23, 2025**NHTSA Recall No. :** 25V-031**Manufacturer Recall No. :** EL1, ALO**Manufacturer Information :**

Manufacturer Name : Honda (American Honda Motor Co.)

Address : 1919 Torrance Blvd.

Torrance CA 90501

Company phone : 1-888-234-2138

Population :

Number of potentially involved : 294,612

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2022-2025 Acura MDX Type-S

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could experience the problem. Only Type-S models are affected.

Production Dates : APR 23, 2021 - DEC 11, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2025 Honda Pilot

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could experience the problem.

Production Dates : SEP 13, 2022 - JAN 09, 2025

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2021-2025 Acura TLX Type-S

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could experience the problem. Only Type-S models are affected.

Production Dates : DEC 09, 2020 - NOV 25, 2024

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : Due to improper programming of the fuel injection electronic control unit (FI-ECU) settings, sudden changes in the throttle opening could cause the MIL to illuminate and/or the engine to lose drive power, hesitate and/or stall.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the engine loses drive power, hesitates, and/or stalls, the risk of a crash or injury are increased.

Description of the Cause : Denso, the supplier of the FI-ECU, informed Honda the settings for the correction control logic of the air flow rate and fuel injection volume were improper. Due to the improper settings, certain driving conditions could cause a torque control failure to be detected and stall the engine.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6S9 -A580-M4

Component Name 2 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6S9 -A720-M4

Component Name 3 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6S9 -A640-M4

Component Name 4 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-61B -A590-M4

Component Name 5 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-61B -A740-M4

Component Name 6 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-61B -A650-M4

Component Name 7 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6FB -A550-M4

Component Name 8 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6FB -A650-M4

Component Name 9 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6FB -A750-M4

Component Name 10 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6FB -A830-M4

Component Name 11 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6FB -A930-M4

Component Name 12 : ELECTRONIC CONTROL UNIT

Component Description : ELECTRONIC CONTROL UNIT

Component Part Number : 37820-6FB -AA30-M4

Supplier Identification :

Component Manufacturer

Name : DENSO International America, Inc.

Address : 24777 Denso Drive
Southfield Michigan 48033

Country : United States

Chronology :

December 8, 2023

Honda observed a trend of increased torque monitor data from telematics information and began to investigate the issue.

April 17, 2024

Denso notified Honda of a potential on-board diagnostics (OBD) issue.

June 6, 2024

Honda analyzed the information available and continued to investigate the issue.

July 15, 2024

Honda continued to investigate and monitor the issue for potential symptoms other than the already identified OBD issue.

August 1, 2024

Honda continued to monitor the issue.

December 16, 2024

Honda concluded monitoring the issue for other potential symptoms and analyzed the information gathered.

January 9, 2025

Honda identified engine stalling as a potential outcome through its analysis.

January 16, 2025

Honda determined that a defect related to motor vehicle safety existed and decided to conduct a safety recall.

As of January 16, 2025, Honda has received 674 warranty claims and no reports of injuries or crashes related

to this issue from December 9, 2020, to January 16, 2025.

Description of Remedy :

Description of Remedy Program : Registered owners of all affected vehicles will be contacted by mail and asked to take their vehicle to an authorized Honda or Acura dealer. The dealer will reprogram the FI-ECU with an improved software program.

Owners who have paid to have these repairs completed at their own expense may be eligible for reimbursement, in accord with the recall reimbursement plan on file with NHTSA.

How Remedy Component Differs from Recalled Component : The remedy FI-ECU control program contains the proper correction control logic settings.

Identify How/When Recall Condition was Corrected in Production : The remedy FI-ECU control program was applied into production on or about January 16, 2025.

Recall Schedule :

Description of Recall Schedule : Dealer notification is scheduled to begin and end on or about 1/28/2025. Owner notification is scheduled to begin and end on or about 3/17/2025.

Planned Dealer Notification Date : JAN 28, 2025 - JAN 28, 2025

Planned Owner Notification Date : MAR 17, 2025 - MAR 17, 2025

* NR - Not Reported