

Part 573 Safety Recall Report

23V-751

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** NOV 16, 2023**NHTSA Recall No. :** 23V-751**Manufacturer Recall No. :** XG1, GGO**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 : 248,999

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2016-2020 Acura MDX

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 : JUN 03, 2016 - MAR 20, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2015-2020 Acura TLX

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.

Production Dates : FEB 05, 2014 - JUL 28, 2020

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 3 : 2016-2016 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 : MAY 10, 2016 - JUN 03, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 4 : 2019-2019 Honda Ridgeline

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

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 : JUN 09, 2018 - JUL 27, 2018

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 5 : 2018-2019 Honda Odyssey

Vehicle Type : LIGHT VEHICLES

Body Style : VAN

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 : APR 09, 2018 - AUG 28, 2018

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 6 : 2017-2017 Honda Ridgeline

Vehicle Type : LIGHT VEHICLES

Body Style : PICKUP TRUCK

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 : MAY 06, 2016 - MAY 16, 2016

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 7 : 2018-2019 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 : JUN 07, 2018 - JUN 19, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Description of Defect :

Description of the Defect : Due to a manufacturing defect of the engine crankshaft, the connecting rod bearing can prematurely wear and seize.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the connecting rod bearing seizes, the engine can be damaged and run improperly, stall, stop while driving, and/or not start, increasing the risk of a fire, crash or injury.

Description of the Cause : During production of the crankshaft, due to improper settings of equipment used to manufacture the engine crankshaft, the crank pin was improperly ground, resulting in crank pins with a crown or convex shape that are out of specification.

Identification of Any Warning that can Occur : Abnormal engine noise, engine stalling, and/or decreased engine output with engine check lamp illumination.

Involved Components :

Component Name 1 : ENG SUB-ASSY

Component Description : ENG SUB-ASSY

Component Part Number : 10002-5J2-A00

Component Name 2 : ENG SUB-ASSY

Component Description : ENG SUB-ASSY

Component Part Number : 10002-5J6-A01

Supplier Identification :

Component Manufacturer

Name : American Honda Motor Co., Inc.

Address : 1919 Torrance Blvd.

Torrance California 90501

Country : United States

Chronology :

February 2020

Honda received the first market complaint for the issue.

July 20, 2020

Honda began to investigate the issue.

November 2020 – February 2022

Honda continued to analyze and investigate the issue.

April 2022

Honda began to conduct additional detail analysis to focus on different bearing specifications.

February 2023

Honda began to investigate market vehicles that had not experienced the issue for detail comparison analysis.

September 2023

Honda investigated the affected population of vehicles.

November 2, 2023

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

As of November 3, 2023, Honda has 1,450 warranty claims, and no reports of injuries or deaths related to this issue from July 2014 through November 3, 2023

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, as applicable. The dealer will inspect and, if necessary, repair or replace the engine.

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

How Remedy Component Differs from Recalled Component : The remedy components have properly ground crank pins and are within applicable specifications.
No crankshafts were produced for engines in 2017 Pilot and 2018 Ridgeline vehicles and, as such, are not included in the recall population.

Identify How/When Recall Condition was Corrected in Production : The manufacturing equipment setup and inspection processes were improved in 2020.

Recall Schedule :

Description of Recall Schedule : Dealer notification is scheduled to begin and end on or about 11/9/2023.
Owner notification is scheduled to begin and end on or about 1/2/2024.

Planned Dealer Notification Date : NOV 09, 2023 - NOV 09, 2023

Planned Owner Notification Date : JAN 02, 2024 - JAN 02, 2024

* NR - Not Reported