

Part 573 Safety Recall Report

19V-298

Manufacturer Name : Honda (American Honda Motor Co.)**Submission Date :** APR 11, 2019**NHTSA Recall No. :** 19V-298**Manufacturer Recall No. :** L4M, Z4L**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 : 93,946

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2018 Acura MDX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 1,798.

Production Dates : JUL 10, 2018 - AUG 02, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 Acura MDX

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 11,844.

Production Dates : JUL 12, 2018 - DEC 03, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2019-2019 Acura RLX

Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 1.

Production Dates : JUN 13, 2018 - JUN 13, 2018

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

Vehicle 4 : 2019-2019 Acura RLX Sport Hybrid

Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 304.

Production Dates : JUN 01, 2018 - AUG 04, 2018

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

Vehicle 5 : 2019-2019 Acura TLX

Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 7,031.

Production Dates : JUN 29, 2018 - OCT 05, 2018

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

Vehicle 6 : 2019-2019 Honda Odyssey

Vehicle Type :
Body Style :
Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 21,265.

Production Dates : JUN 27, 2018 - FEB 20, 2019

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

Vehicle 7 : 2018-2018 Honda Pilot

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 6,236.

Production Dates : JUN 27, 2018 - JUL 16, 2018

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

Vehicle 8 : 2019-2019 Honda Pilot

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined based on manufacturing records. The production range reflects all possible vehicles that could potentially experience the problem. Supplier manufacturing records identified specific timing belt production lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 34,583.

Production Dates : JUL 10, 2018 - SEP 25, 2018

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

Vehicle 9 : 2019-2019 Honda Ridgeline

Vehicle Type :

Body Style :

Power Train : NR

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

lots that were affected by an improper manufacturing process. Timing belts used in mass production have lot traceability, which allow similar vehicles to be excluded from the recall as these vehicles were equipped with parts manufactured using a proper process. The number of affected units is 10,884.

Production Dates : JUN 27, 2018 - NOV 21, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The teeth on an improperly hardened timing belt are susceptible to separation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Teeth separation from the timing belt adversely affects engine valve timing and may result in an engine stall, which increases the risk of a crash.

Description of the Cause : NR

Identification of Any Warning
that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Gates Unitta Asia Company

Address : 172 Ikezawa-cho

Yamatokoriyama-shi Nara FOREIGN STATES 639-1032

Country : Japan

Chronology :

May 2018

The supplier for the timing belt began production with additional molds to increase capacity.

August to October 2018

Honda received the first claim of an engine stall from a defective timing belt and launched an investigation. Three additional claims were received during this period.

December 2018

The timing belt supplier confirmed that teeth separation from the timing belt resulted from an improperly hardened timing belt. The supplier continued its investigation to determine the cause of this improper manufacturing.

February to March 2019

Re-creation tests performed by the supplier confirmed that a particular mold used in production starting from May 2018 does not allow the timing belt to properly vulcanize and harden. This particular mold was modified to prevent pressure leakage, and when combined with a bottom plate that has the moisture drain path partially blocked with excess rubber deterioration, the undrained moisture adversely affected vulcanization.

April 4, 2019

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

As of April 4, 2019, Honda has received 15 warranty claims, 15 field reports, and no reports of crashes or injuries related to this issue.

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 Acura or Honda automobile dealer. The dealer will inspect the lot number on the timing belt and, if it is within the suspect range, replace the timing belt for free. Vehicles receiving a replacement timing belt will also have the engine inspected and any damaged components will be replaced for free. Because the new vehicle limited warranty on all affected vehicles would have provided a free repair for the problem addressed by this recall, without any payment by the owner, reimbursement for pre-notification repairs will not be offered.

How Remedy Component Differs from Recalled Component : Belt timing, belt, timing, part number: 14400-R9P-A01.

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

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin on or about April 12, 2019. Owner notification is expected to begin on or about June 1, 2019.

Planned Dealer Notification Date : APR 12, 2019 - NR

Planned Owner Notification Date : JUN 01, 2019 - NR

* NR - Not Reported