

March 3, 2023

Version 1

Moisture in the Headlights

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016–22	Pilot	ALL	ALL
2019–23	Passport	ALL	ALL
2017–22	Ridgeline	ALL	ALL
2023	Ridgeline	BLACK	5FPYK3F85PB000001 thru 5FPYK3F85PB015706
2023	Ridgeline	RTL	5FPYK3F59PB000001 thru 5FPYK3F59PB015374
2023	Ridgeline	RTL-E	5FPYK3F73PB000001 thru 5FPYK3F73PB015341
2023	Ridgeline	SPORT	5FPYK3F18PB000001 thru 5FPYK3F18PB015475

SYMPTOM

Moisture is in the headlights.

POSSIBLE CAUSE

The headlight seal may become damaged from a misadjusted hood. Damage to the headlight seal may lead to moisture condensation building up in the headlight.

CORRECTIVE ACTION

Replace the headlight(s) with moisture condensation build up and readjust the hood stoppers.

PARTS INFORMATION

Part Name	Part Number	Quantity
Right Headlight Assembly: (2016-2018 Pilot LX), (2017 Ridgeline RT, RTL, RTS, Sport), (2018-2019 Ridgeline RT, RTL, Sport), (2020 Ridgeline RTL, Sport).	33100-TG7-A02	1
Right Headlight Assembly: (2016-2018 Pilot EX, EX-L, Touring), (2017-2019 Ridgeline RTL).	33100-TG7-A12	1

CUSTOMER INFORMATION:The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

Part Name	Part Number	Quantity
Right Headlight Assembly: (2019-2021 Passport EXL, Sport), (2016-2018 Pilot Elite), (2019-2021 Pilot LX, EX, EX-L), (2021-2022 Pilot SE), (2022 Pilot EX-L, SE, Sport, Touring), (2017-2020 Ridgeline Black, RTL-E).	33100-TG7-A21	1
Right Headlight Assembly: (2019-2021 Passport Touring, Elite), (2019 Pilot Touring, Elite), (2020-2022 Pilot Touring, Elite, Black).	33100-TG7-A32	1
Right Headlight Assembly: (2021-2023 Ridgeline RTL, Sport).	33100-T6Z-A01	1
Right Headlight Assembly: (2022-2023 Passport EXL, Elite, TrailSport), (2021-2023 Ridgeline Black, RTL-E).	33100-T6Z-A11	1
Left Headlight Assembly: (2016-2018 Pilot LX,) (2017 Ridgeline RT, RTL, RTS, Sport), (2018-2019 Ridgeline RT, RTL, Sport), (2020 Ridgeline RTL, Sport).	33150-TG7-A02	1
Left Headlight Assembly: (2016-2018 Pilot EX, EX-L, Touring), (2017-2019 Ridgeline RTL).	33150-TG7-A12	1
Left Headlight Assembly: (2019-2021 Passport EXL, Sport), (2016-2018 Pilot Elite), (2019-2021 Pilot LX, EX, EX-L), (2021-2022 Pilot SE), (2022 Pilot EX-L, SE, Sport, Touring), (2017-2020 Ridgeline Black, RTL-E).	33150-TG7-A21	1
Left Headlight Assembly: (2019-2021 Passport Touring, Elite), (2019 Pilot Touring, Elite), (2020-2022 Pilot Touring, Elite, Black).	33150-TG7-A32	1
Left Headlight Assembly: (2021-2023 Ridgeline RTL, Sport).	33150-T6Z-A01	1
Left Headlight Assembly: (2022-2023 Passport EXL, Elite, TrailSport), (2021-2023 Ridgeline Black, RTL-E).	33150-T6Z-A11	1

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7121N2	Replace one headlight and adjust the hood stoppers (includes aiming).	1.0 hr	07406	01301	A23024A	33100-TG7-A02
A	Replace the second headlight (includes aiming) - Add	0.2 hr	07406	01301	A23024B	33100-TG7-A02

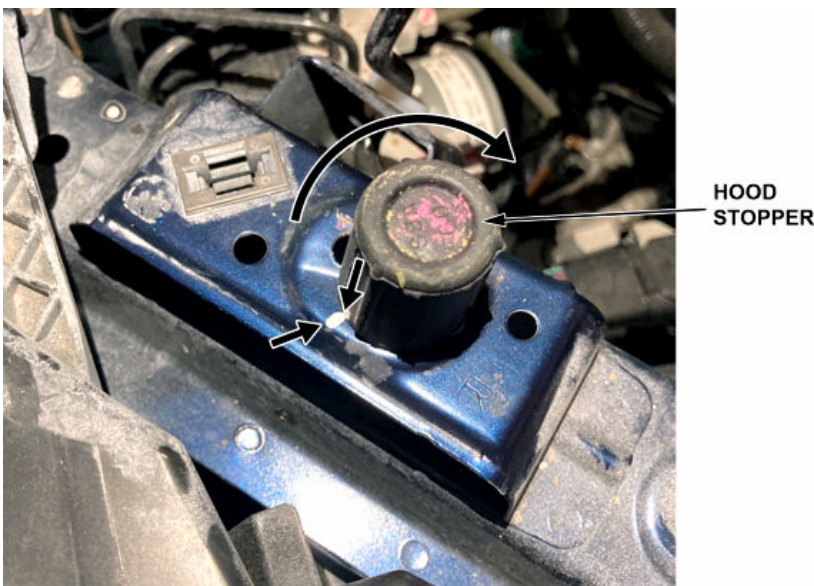
NOTE: Due to part number variation for each model trim, you may manually add the headlight part number(s) to the template.

REPAIR PROCEDURE

1. Replace the affected headlight(s). See the service information, *Headlight Removal and Installation*.
2. Inspect the hood striker setting height. Loosen the 3 bolts and adjust the hood striker to the lower position. The striker should sit below the 3 marks on each side.



3. Set both hood stopper's height to the lowest setting position. Rotate the stoppers clockwise until it cannot be rotated anymore. Mark the hood stoppers and brackets in the position shown.



4. Rotate the hood stoppers counterclockwise **1.5 turns (540°)**. After rotating **1.5 turns**, measure the height of the stopper to confirm the stopper height is **41mm** on the passenger's side and **37mm** on the driver's side.

RH - Passenger Side Top View



SCALE
PLACEMENT

LH - Driver Side Side View



SCALE
PLACEMENT

RH - Passenger Side



41mm

LH - Driver Side



37mm

END