



NUMBER: 08-025-17

GROUP: Electrical

DATE: April 01, 2017

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC

SUBJECT:

Headlamp Condensation And Fogging

OVERVIEW:

This bulletin involves installing updated vent caps on the headlamp housing.

MODELS:

2014 - 2017 (WK) Jeep Grand Cherokee

**NOTE: This bulletin applies to vehicles within the following markets/countries:
NAFTA, LATAM, EMEA and APAC.**

**NOTE: This bulletin applies to vehicles built on or before July 18, 2016 (MDH
0718XX).**

SYMPTOM/CONDITION:

A customer may occasionally experience the vehicle's headlamp assemblies are fogged with a light layer of condensation on the inside of the lenses.

DIAGNOSIS:

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

NOTE: The diagnosis needs to be performed in a warm shop with low humidity.

1. Bring the vehicle into the shop and turn on the headlamps (high beam) and hazard lamps. Leave the vehicle running for 20 minutes.

NOTE: If the condensation/fogging has begun to clear from the lamp lens after 20 minutes of lamps operation, this indicates the lamp sealing has not been breached, and the lamp does not require replacement. See (Fig. 1) and (Fig. 2) for examples of a good and faulty headlamp.



Fig. 1 Headlamp Clearing Install Updated Vents



Fig. 2 Heavy Water Droplets Replace Headlamp

NOTE: Headlamp(s) that have physical damage, such as a crack or a hole are not covered under the provisions of the warranty.

2. Did **both** headlamp lens begin to clear, as see in (Fig. 1)?
 - a. Yes>>> Proceed to [Step #1](#) of the Repair Procedure.
 - b. No >>> Proceed to [Step #3](#).

NOTE: When installing the vent cap on one side only, the vent caps must be installed when the other headlamp is being replaced also.

3. If one headlamp cleared and the other still has heavy condensation in it, only install the vent caps on the headlamp that cleared up. Proceed to [Step #1](#) of the repair procedure. The headlamp that still has condensation in it will need to be replaced. Use normal Service Information and normal warranty process and procedures.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68353620AA	Kit, Vent Caps (Brown) (One Kit Per Headlamp)
4	06500911	Rivet, Inner Fender - Wheelhouse

NOTE: The kit will include three updated (brown) vent caps. Two kits will be needed per vehicle, one for each headlamp.

REPAIR PROCEDURE:

1. Remove the headlamp assemblies. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT> 8L - Lamps and Lighting / Lamps/Lighting - Exterior / Unit, Front Lamp/Removal.

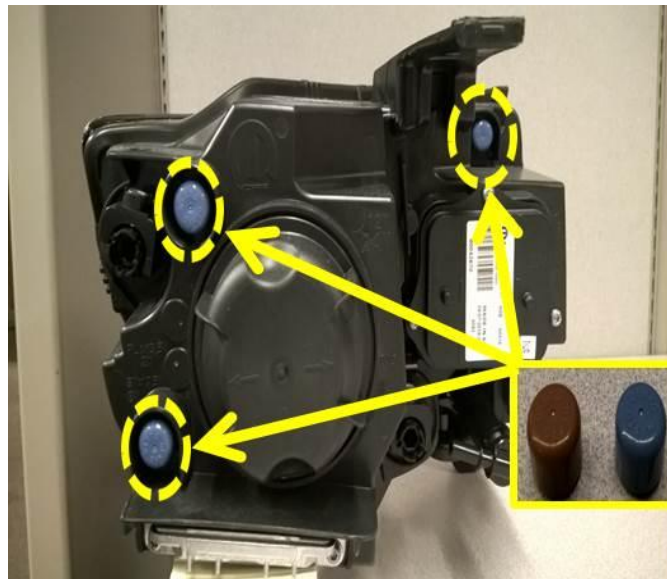


Fig. 3 Location Of Headlamp Vents

Blue vent caps are the old style. Updated vent caps are brown in color.

-
2. Remove the 3 blue vent caps by sliding them rearward from the headlamp assembly, see [\(Fig. 3\)](#).
 3. Install the new (brown) vent caps by pressing them on the bosses of the housing.

4. Install the headlamp assemblies on the vehicle. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT> 8L - Lamps and Lighting / Lamps/Lighting - Exterior / Unit, Front Lamp/Installation.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-50-31-99	Housing, headlamp Remove and Install New Vents (Both sides) (0 - Introduction)	6 - Electrical and Body Systems	1.3 Hrs.
08-50-31-9B	Housing, headlamp Remove and Install New Vents. (One Side) (0 - Introduction)	6 - Electrical and Body Systems	0.6 Hrs.
08-50-31-9A	Housing, headlamp - Inspect Only (0 - Introduction)	6 - Electrical and Body Systems	0.5 Hrs.

NOTE: When installing vent caps on one side only, the Install one side only LOP works in conjunction with the headlamp replacement LOP.

FAILURE CODE:

ZZ	Service Action
----	----------------