



NUMBER: 05-022-17

GROUP: 05 - Brakes

DATE: June 14, 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:

Front Brake Caliper Hose Leak (X71 Warranty Extension)

OVERVIEW:

This bulletin involves replacing both front brake caliper hoses and wheel speed sensors.

MODELS:

2007 - 2010

(JK)

Jeep Wrangler

NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA.

SYMPTOM/CONDITION:

Customers may experience a brake fluid leak coming from the front wheel opening area. This issue is due to corrosion at the crimps on the brake caliper hoses (Fig. 1) .

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



Fig. 1

Example Of Corrosion At Crimps

PARTS REQUIRED:**NOTE:**

- The replacement brake caliper hose will have an updated design and routing on the vehicle. Refer to (Fig. 2) and (Fig. 3) .
- One kit will service both brake calipers.

Qty.	Part No.	Description
1	CXZAX711AA	Kit, Front Brake Caliper Hoses With Sensors
(AR)	04318080AD	Brake Fluid Dot 3 (12 oz.) MS-90039 (MS-4574)



Fig. 2
Original Caliper Brake Hose And Routing



Fig. 3
New Caliper Brake Hose And Routing

REPAIR PROCEDURE:

NOTE: To aid in removal of the wheel speed sensors, spray sensors with a Mopar rust penetrant #04318039AB after the bolt has been removed and let soak for a few minutes before removal.

1. Replace both front wheel speed sensors. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info>05 - Brakes/05 - Brakes, ABS/ Electrical/Sensor, Wheel Speed, Front/Removal/Installation.
2. Replace both front brake caliper hoses. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info>05 - Brakes/05 - Brakes, Base/ Hydraulic/Mechanical/Tubes and Hoses, Brake/Removal/Installation.

POLICY:

Vehicles included in this Service Bulletin have a 15 year/Unlimited Miles Warranty Extension for this repair. See Warranty Bulletins: U.S. D-17-15 Canada SAB 2017-10, Mexico BG-37-17 or Puerto Rico/Virgin Islands ID -17-19 for details associated with the warranty extension.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
05-30-05-96	Both Front Brake Caliper Hoses and Wheel Speed Sensors, Replace (1 - Semi-Skilled)	4 - Chassis	1.4 Hrs.

FAILURE CODE:

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