



**NUMBER:** 23-018-10

**GROUP:** Body

**DATE:** October 21, 2010

*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 Chrysler Group LLC.*

**THIS BULLETIN SUPERSEDES TECHNICAL SERVICE BULLETIN 23-016-06, DATED MARCH 18, 2006, WHICH SHOULD BE REMOVED FROM YOUR FILES. THIS IS A COMPLETE REVISION AND NO ASTERISKS HAVE BEEN USED TO HIGHLIGHT REVISIONS.**

***SUBJECT:***

Lower Door Hinges Make Popping or Groan When Opened Or Closed

***OVERVIEW:***

This bulletin involves spraying white lithium grease between the roller and roller pin while avoiding getting grease on the . This needs to be done to all lower door hinges.

**CAUTION: Be careful not to spray grease on the outside of the roller or roller cam. If grease is allowed to get on the outside of the roller or roller cam it must be cleaned off using a clean shop towel. Grease left on the outside of the roller and roller cam may also cause a noise.**

***MODELS:***

2009 - 2010	(DS)	Ram Truck (1500 Pick Up)
2005 - 2010	(DH)	Ram Truck (1500/2500 Pick Up)
2010	(DJ)	Ram Truck (2500 Pick Up)
2004 - 2010	(HB)	Durango
2007 - 2010	(HG)	Aspen
2007 - 2010	(JC)	Journey
2007 - 2010	(JS)	Avenger/Sebring
2007 - 2010	(KK)	Liberty
2007 - 2010	(KA)	Nitro
2008 - 2010	(LC)	Challenger
2006 - 2010	(LE)	Chrysler 300C (International Markets)
2007 - 2010	(LX)	300/Charger/Magnum
2007 - 2010	(MK)	Compass/Patriot
2005 - 2010	(ND)	Dakota
2007 - 2010	(PM)	Caliber



**Stick with the Specialists™**

2006 - 2010 (WH) Grand Cherokee (International Markets)  
 2005 - 2010 (WK) Grand Cherokee  
 2006 - 2010 (WH) Commander (International Markets)  
 2006 - 2010 (XK) Commander

***SYMPTOM/CONDITION:***

The lower door hinges make a moderate to loud popping/groan sound when the door is opened or closed.

This is due to the **roller axle** not being properly maintained with grease.

***DIAGNOSIS:***

Open the doors and listen for the popping or groan sound from the lower hinge, if the sound is present perform the Repair Procedure.

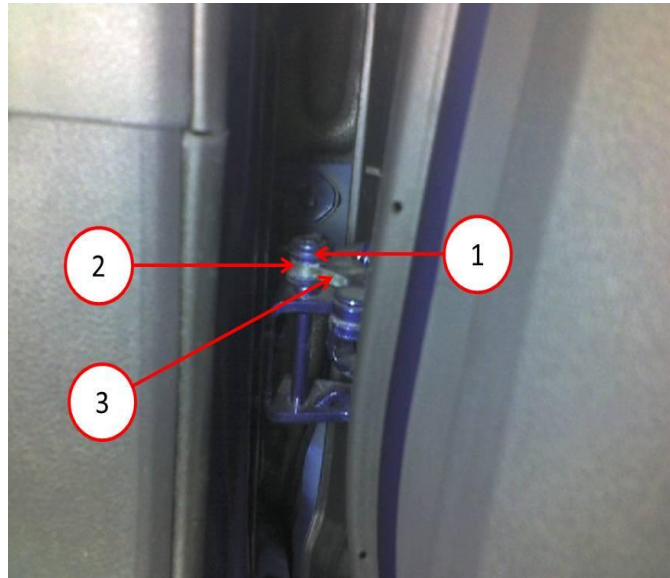
***PARTS REQUIRED:***

Qty.	Part No.	Description
1	04318066AB	Grease, Spray White Lube Lithium <b>One spray can of grease can treat more than 100 vehicles.</b>

**REPAIR PROCEDURE:**

1. Open door.
2. With straw installed on the lithium grease spray can (p/n 04318066AB), spray a very small amount of grease between the roller pin and inside roller surface (axle). (Fig. 1).

**CAUTION:** Be careful not to spray grease on the outside of the roller or roller cam. If grease is allowed to get on the outside of the roller or roller cam it must be cleaned off using a clean shop towel. Grease left on the outside of the roller and roller cam may also cause a noise.



**Fig. 1 LOWER DOOR HINGE**

- 1 - ROLLER AND PIN (Spray Lube Here Only)
- 2 - ROLLER (Clean Excess Lube)
- 3 - ROLLER CAM (Clean Excess Lube)

- 
3. Open and close the door 10 times to work the grease onto the roller axle.
  4. Wipe away any excess grease in the sprayed area.
  5. Repeat steps 1 through 4 for every door.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Amount
23-40-20-92	Lubricate lower door hinges	0.2 Hrs.

**FAILURE CODE:**

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