



NUMBER: 21-041-14

GROUP: Transmission and Transfer Case

DATE: December 10, 2014

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.

SUBJECT:

845RE Harsh 2-1 Downshift

OVERVIEW:

This bulletin involves replacing the transmission valve body.

MODELS:

2013	(LD)	Charger
2013	(LX)	300

NOTE: This bulletin applies to vehicles equipped with a 3.6L engine (Sales Code ERB) and the 845RE 8 speed transmission (Sales Code DFL).

SYMPTOM/CONDITION:

A small number of customers may experience a bump sensation during a 2-1 downshift. This condition can occur at any transmission temperature and is most noticeable during light braking or while coasting to a stop. No Diagnostic Trouble Codes (DTCs) will be set as a result of this.

DIAGNOSIS:

Using a Scan Tool with the appropriate Diagnostic Procedures available in TechCONNECT, verify all vehicle systems are functioning as designed. If DTCs or other conditions are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom above, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	RL259301AA	845RE Valve Body Replacement Kit
(AR)	68218925AA	Fluid, Automatic Transmission, Quart.

REPAIR PROCEDURE:

1. In a suitable area, drive the vehicle to a minimum of 25 mph to allow the transmission to shift past second gear. Then, using light braking, bring the vehicle to a stop.
2. Was there a noticeable harsh bump felt when the transmission downshifted from second to first gear?
 - a. Yes>>> Replace the valve body. Refer to detailed repair procedures outlined in DealerCONNECT/TechCONNECT Service Info section 21 - Transmission and Transfer Case> Automatic - 8HP45/845RE> Valve Body> Removal/Installation. Proceed to Step #3.
 - b. No>>> This bulletin does not apply. Further diagnostics are required.
3. Perform the 8 Speed Transmission Shift Adaptation, Drive Learn Procedure. Refer to detailed repair procedures and labor times in all applicable current published service bulletins regarding the transmission drive learn.
4. This service bulletin is now complete.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
21-95-01-95	Valve Body - 845RE Automatic Transmission, Replace. Includes TCM flash	1.7 Hrs.
Opt. Equip.		
21-95-01-62	AWD Equipped	0.2 Hrs.

FAILURE CODE:

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