



**NUMBER:** 17-002-12

**GROUP:** Rear Suspension

**DATE:** October 30, 2012

*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 SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 12-063. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.**

**SUBJECT:**

Incorrect Rear Ride Height

**OVERVIEW:**

This bulletin involves verifying the rear vehicle ride height and if necessary replacing the right and left rear spring.

**MODELS:**

2012 (LC) Challenger

**SYMPTOM/CONDITION:**

Incorrect rear ride height.

**DIAGNOSIS:**

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition, perform the Repair Procedure.

**PARTS REQUIRED:**

Qty.	Part No.	Description
2 (AR)	05168899AA	Spring, Rear Coil

**REPAIR PROCEDURE:**

1. Position the vehicle and all four wheels on a level surface as shown in (Fig. 1).



**Fig. 1 Rear Ride Height**

- 1 - Left Rear Crossmember Bolt
- 2 - Crossmember Flat (Measure) Surface
- 3 - Reference Hole
- 4 - Right Rear Crossmember Bolt

- 
2. Measure the rear ride height of the vehicle from the floor to the flat portion (2) of the rear cross member next to the hole (3) as shown in (Fig. 1).

**NOTE: Ensure measuring tool is vertical, ground doesn't have a depression and tool is contacting the correct target (2) as shown in (Fig. 1). The vehicle must have a full tank of fuel, tire pressure set to the placard specifications and no occupants in the vehicle.**

3. Is the vehicle equipped with 20in or 18in wheels?
  - a. If the vehicle is equipped with 20in wheels proceed to [Step #4](#).
  - b. If the vehicle is equipped with 18in wheel proceed to [Step #6](#).
4. Is the rear vehicle ride height greater than 346mm (13.62in)?
  - a. Yes >>> Return the vehicle to the customer or dealer inventory.
  - b. No >>> Replace the left and right rear coil spring. Refer to the detailed removal/installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 17 - Rear Suspension > Springs> Removal/Installation.
5. Return the vehicle to the customer or dealer inventory.
6. Is the rear vehicle ride height greater then 340mm (13.38in)?
  - a. Yes >>> Return the vehicle to the customer or dealer inventory.
  - b. No >>> Replace the left and right rear coil spring. Refer to the detailed removal/installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 17 - Rear Suspension > Springs> Removal/Installation.
7. Return the vehicle to the customer or dealer inventory.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Amount</b>
02-30-01-92	Inspect Rear Vehicle Ride Height Only (Skill Level = C; Training level = 2)	0.2 Hrs.
02-30-01-93	Inspect and Replace The Left and Right Rear Coil Spring (Skill Level = C; Training level = 2)	0.9 Hrs.

**FAILURE CODE:**

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