



NUMBER: 08-101-15

GROUP: Electrical

DATE: October 28, 2015

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.

THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 15-102. 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.

HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING “HELP” THEN “HELP CONTENTS” AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.

THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:

Flash: Poor Speaker Sound Performance

OVERVIEW:

This bulletin involves updating the Amplifier (AMP) software.

MODELS:

2015 (LA) Dodge Challenger

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

NOTE: This bulletin applies to vehicles equipped with the Harman Kardon Amplifier (Sales Code RGE).

SYMPTOM/CONDITION:

The customer may describe one or more of the following symptoms/conditions:

- Speakers not loud enough.
- Speakers buzz/rattle.
- Poor sound quality from speakers.

Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs):

- B1474-13-Channel 5 Audio Speaker Output - Circuit Open
- B1479-13-Channel 6 Audio Speaker Output - Circuit Open

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all audio systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

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

REPAIR PROCEDURE:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

1. Reprogram the AMP with the latest available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the "HELP" tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.

NOTE: If the flash failed an active DTC may set, B1488-00 Cabin EQ Mismatch Performance. Reflashing the AMP will change the DTC status from active to stored and then the DTC can be cleared.

2. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allows them to be cleared.
3. Did either DTC return active after attempting to clear from the AMP?
 - a. YES >>> Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> Section 28 DTC Based Diagnostics, and all current published warranty guidelines, and labor times.
 - b. NO >>> This bulletin has been completed.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-60-07-9H	Module, Amplifier (AMP) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 4 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must choose which failure code to use. If the customer came in with an issue and if the dealer finds a software update to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash