



# Technical Service Bulletin

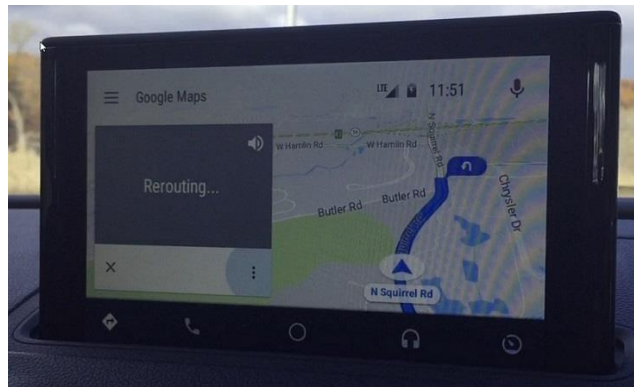
## 91 Android Auto navigation shows backwards direction of travel

91 18 80 2050566/1 February 27, 2018.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3, A4, A5, and Q5	2017	All	MIB2 High Scale

## Condition

When using the Android Auto function for the navigation, the vehicle direction of travel in the MMI screen appears to be backwards (Figure 1). As a result, the map arrow points in the wrong direction and the system constantly attempts to calculate a new route while showing a message of “Rerouting...”.



*Figure 1. Vehicle position is shown in the wrong direction.*

## Technical Background

The MIB2 High Scale infotainment system (PR Code 7UH) has a known software issue which can cause the MMI screen to show the wrong direction of travel when using Android Auto navigation (Google Maps or Waze). The issue was caused by the MMI not utilizing the direction of travel from the GPS antenna. While Google provided a work-around in their Android Auto software, it is still advised to update the customer's MMI system.

## Production Solution

New MMI software introduced into series production starting CW22/17.



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## Service

### Required equipment:

- ODIS Tester
- SVM code
- MIB2 High Scale Software update on SD Card (*see Required Parts and Tools* or Download software from MirrorServer using the SD Creator Program)

### Time to complete update:

Approximately 30-60 minutes (includes 20-50 minutes for the software update and 10 minutes for the SVM work)

### Service work:

Update the MIB2 High Scale infotainment system using either Method 1 or Method 2 according to TSB 2050565: *91 MIB2 High Scale Software Update Instructions (PR Code 7UH)* and use SVM code MHS2US1242AU.

### Method 1: Automated update using ODIS

### Method 2: Manual update due to SVM code or Server issues



### Warning:

Do not attempt this update to vehicles built prior to CW22/16. Doing so can damage the MMI system, which can only be fixed by replacing the MMI hardware. This type of replacement is not covered under Warranty.

## Warranty

For warranty claim information, see the warranty table located in TSB 2050565: *91 MIB2 High Scale Software Update Instructions (PR Code 7UH)*.

## Required Parts and Tools

Part Number	Part Description	Quantity
4M0 906 961 BG	MMI software update (SD Card) – Or download via SD creator Software	01 (shop tool)



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## Additional Information

The following Technical Service Bulletin(s) will be necessary to complete this procedure:

- TSB 2050565, *91 MIB2 High Scale Software Update Instructions (PR Code 7UH)*.
- TSB 2047812, *00 SD Creator: How to setup and use the SD Creator for obtaining vehicle software updates via the MirrorServer*.

All parts and service references provided in this TSB (2050566) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

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