

Technical Service Bulletin



91 Sound system has background static with hill-hold active

91 13 12 2035013/1 October 31, 2013.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A3	2010 - 2013	All	Not Applicable

Condition

Customer states the radio has a faint background static. This may occur when:

- No audio source is present.
- An audio source with low volume is being played.
- The vehicle is utilizing hill-hold.



Tip: Vehicles with hill-hold (PR No. UG1 or UG4) and Audi Navigation Plus (PR No. 7Q2) are affected.

Technical Background

There is electromagnetic interference between the ESP power supply and the wires for the radio. This proximity caused interference to enter the audio lines for the radio, causing the static.

Production Solution

Not applicable. This vehicle is out of production.

Service

Re-route the power supply for the ESP away from the radio wires by following the steps below.

1. Remove battery, battery tray, Central Electrics, and cowl panel trim to perform overlay.
2. Using a 10AWG cable, overlay from pin 32 of the ESP to pin 27 in block T40 of the Central Electrics through plenum (Figure 1). Use corrugated pipe (part number: **N10732401**) to protect overlay.



Tip: Example pictures in this TSB do not show corrugated pipe.

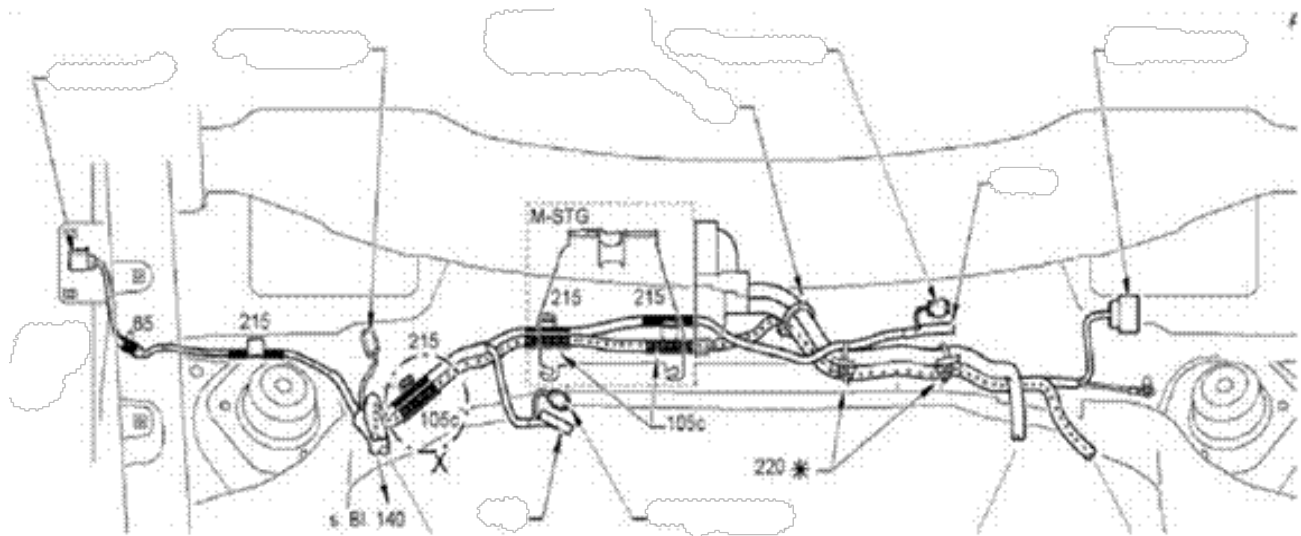


Figure 1. Overlay cable routing through plenum (dotted line shows recommended routing).

3. Attach terminal and insert new 10AWG cable into pin 27 in block T40 of Central Electrics (Figure 2).



Figure 2. Overlay cable (red/black) inserted into T40 pin 27.

4. Route cable up under Central Electrics and towards plenum (Figure 3).



Figure 3. Routing up from Central Electrics.

5. Route cable through plenum wall and into plenum chamber (Figure 4).



Note:

Be sure to protect cable through plenum wall to avoid chafing and a possible short.



Figure 4. Routing up through plenum chamber.

6. Route cable through plenum chamber as shown (Figure 5 and Figure 6).



Figure 5. Routing through plenum chamber.



Figure 6. Routing through plenum chamber (continued).

7. Return cable to engine compartment through plenum wall (Figure 7). Route to pin 32 of the ESP, affix terminal and secure.

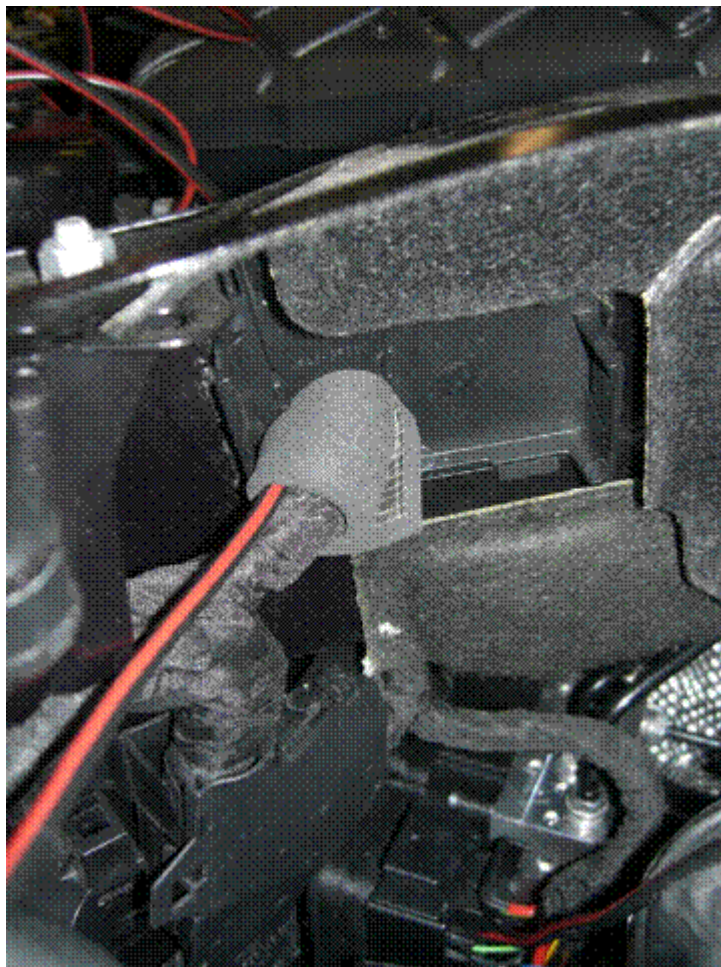


Figure 7. Routing out of plenum chamber to ESP.

8. Reinstall battery, battery tray, Central Electrics, and cowl panel trim.

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Warranty

Claim Type:	Use applicable claim type. If vehicle is outside any warranty, this Technical Service Bulletin is informational only.		
Service Number:	9709		
Damage Code:	0040		
Labor Operations:	Battery remove & install	2706 1900	40 TU
	Battery tray remove & install	2712 1900	20 TU
	Central electrics remove & install	9794 1900	50 TU
	Cowl panel trim remove & install	6644 1900	50 TU
	Perform overlay of ESP power wire	9709 4156	70 TU
Diagnostic Time:	GFF – Checking and clearing fault codes included in existing labor operations	No allowance	0 TU
	Road test prior to service procedure	0121 0002	10 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
Claim Comment:	As per TSB #2035013/1		

All warranty claims submitted for payment must be in accordance with the *Audi Warranty Policies and Procedures Manual*. Claims are subject to review or audit by Audi Warranty.

Required Parts and Tools

Part Number	Part Description	Quantity
N10732401	Corrugated pipe	½ 5M loom
Not applicable	10AWG cable	8 feet (as needed)

Additional Information

All parts and service references provided in this TSB (2035013) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.