



FM RADIO STATIC HEARD BETWEEN 88 TO 97 MHZ

MODEL

G05 (X5 Sports Activity Vehicle)	G12 (7 Series Sedan)	G15 (8 Series Coupe)	G30 (5 Series Sedan)
G32 (640i Gran Turismo)	I12 (i8 Coupe)		

Vehicles produced from July 1, 2018 to November 5, 2018

SITUATION

While driving, static can be heard on the FM radio band in frequencies between 88 and 97 MHz, even if traveling away from high-voltage power lines and tall structures.

CAUSE

Electromagnetic interference caused by the electrically-powered auxiliary water coolant pump.

CORRECTION

Replace the auxiliary coolant pump.

PROCEDURE

Follow this troubleshooting guide:

1. Move the vehicle outdoors to receive a clear radio signal without overhead obstructions or high-power electric lines nearby.
2. Is the static reproducible with the engine running?

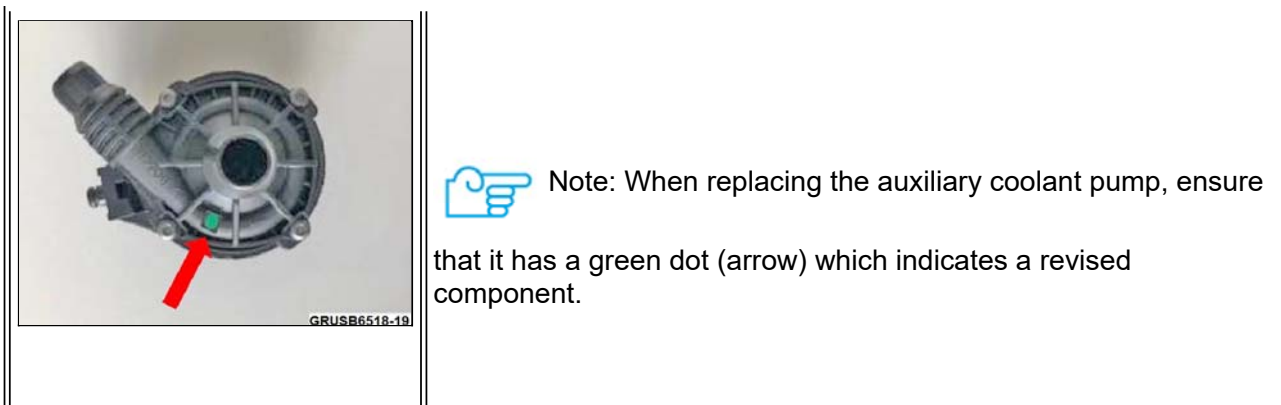
NO – Do not follow this SI. Perform diagnosis of the vehicle using ISTA.

YES - If the static is reproducible with the engine running, check the part number of the auxiliary coolant pump.

If it is one of the part numbers below, the auxiliary coolant pump must be replaced:

- 11 51 8 679 885
- 64 11 6 834 923
- 11 51 8 671 654

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3. Follow Repair Instructions REP 64 11 262 "Removing and installing/replacing the coolant pump".
4. After installation of the new auxiliary coolant pump, bleed the cooling system.
 - **For all models except I12:** Follow SI [B17 01 10](#) "Proper evacuation and/or filling of cooling system after repairs"
 - **For I12 only:** Follow SI [B17 02 18](#) "Proper coolant bleeding procedure"
5. Verify the absence of radio static interference on the FM band after moving the vehicle outdoors.

PARTS INFORMATION

Part Number	Description	Quantity
Refer to ETK	Auxiliary Coolant Pump	1
11 53 7 546 422	Hose Clamp	2
82 14 1 467 704	Coolant antifreeze	Refer to sublet below

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	6411353900	Auxiliary coolant pump/circulating pump... disruptive noises
Labor Operation:	Labor Allowance:	Description:
64 11 262	Refer to KSD2/AIR	Replacing coolant pump (Main work)
Or:		
64 11 922	Refer to KSD2/AIR	Replacing coolant pump (Plus work)
And, as necessary:		
65 10 009	Work time (WT)	Troubleshooting radio (Vehicle is already in the workshop)

If you are using a Main labor code for another repair, use the Plus code labor operation 64 11 922 instead of 64 11 262.

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 65 10 009 is not considered a Main labor operation; however, it does require an individual punch time and an explanation on the repair order and in the claim comments section.

And

Sublet – Bulk Materials

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk materials (Do not use part numbers for claim submission)
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Sublet reimbursement calculation for claiming the applicable repair-related bulk materials (BMW part numbers) is at the dealer net price for the “quantities used” plus your center’s handling.

BMW Antifreeze/Coolant: Claim for the amount that is needed to replace what was drained with a “50/50 coolant/water solution.”

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

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