

XF Rear Amplifier location.pdf

XJ 351 Rear Amplifier location.pdf

Reference SSM59597

Models XJ / X351  
XF / X250

Title 12MY GEN2.1 Audio Amplifier Quiescent drain

Category Electrical

Last modified 02-Oct-2012 00:00:00

Symptom 207000 Entertainment Systems

Issue:

A customer may report that the vehicle is difficult/ will not start.

Cause:

Upon diagnosis the battery voltage is low and a quiescent battery drain is observed. The drain may be as a result of a capacitor fault within the Audio Amplifier Module on GEN2.1 Trim level 2/ High Line/ Premium audio systems only. Low line audio systems that have an internal amplifier in the head unit are not affected.

Action:

A quiescent drain can be attributed to one or more of any of the vehicle electrical/electronic systems, however if the vehicle is within the VIN range below it is advisable before

Content continuing with further diagnosis to disconnect the electrical connectors C4ME22A, C4ME22B, C4ME22C, C4ME22D, C4ME22E and C4ME22F (please view attachment) at the Audio Amplifier Module in the right hand rear load space area to see if the quiescent drain is no longer present, if so replace the Audio Amplifier Module (with reference to TOPIx 415-01 Audio Unit) and recheck the vehicle, if the quiescent drain is still present then continue with electrical diagnosis using Symptom Driven Diagnostics (SDD) and reference to TOPIx.

VIN range as follows:

XF – S26000 - S33500

XJ – V22100 - V28500

Connector locations from TOPIx attached

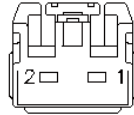
JLR 17 39 21\_1E - XJ ERL VIN: V39427 >



- [C4ET66A Sensor-Temperature-Differential oil](#)
- [C4H415A Sensor-Sunload-Rear](#)
- [C4LN13A Lamp-Luggage compartment](#)
- [C4LN13B Lamp-Luggage compartment](#)
- [C4LS04 License plate lamp](#)
- [C4LS05 License plate lamp](#)
- [C4LS05A License plate lamp](#)
- [C4LS35 Tail lamp unit-LH](#)
- [C4LS36 Tail lamp unit-RH](#)
- [C4LS50 Lamp-High mounted stop](#)
- [C4MC11B Fuel tank-Diesel](#)
- [C4MC11C Fuel Tank-Petrol](#)
- [C4MC11D Fuel Tank-Petrol](#)
- [C4MC42 Initiator-Rear-LH](#)
- [C4MC43 Initiator-Rear-RH](#)
- [C4ME01 Speaker-Subwoofer](#)
- [C4ME02 Sub-woofer](#)
- [C4ME09 LH rear surround sound speaker](#)
- [C4ME12 RH rear surround sound speaker](#)
- [C4ME22A Amplifier-power](#)
- [C4ME22B Amplifier-power](#)
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- [C4ME24B Module-Tuner-DAB](#)
- [C4ME24C Module-Tuner-DAB](#)
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Connector: **C4ME22A**



GREY

Part No.: YPC909710

Colour: GREY

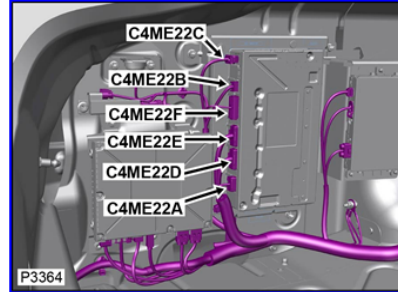
Cavities: 2WY

Harness: TELEMATICS HARNESS

Description: Amplifier-power

Location: Behind luggage compartment carpet LH side

Qualifier:



Service Repair Kits

Wire Chart

CAV	TERMINAL	CSA	COL	CCT	DESTN	CSA	2.51- 4.00 CSA
1	YPL901140	WSK-M1L124-A 4.0	WH-RD	ALL	C44-J	Cavities: 1,2	
						418-411-60	SRK ITEM 4.0CSA 1
						418-114	SRK ITEM 1

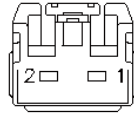
JLR 16 03 21\_2E - XF ERL VIN:S20753 >



- [C4DF10A Junction box-Battery](#)
- [C4DF10A Junction box-Battery](#)
- [C4DF10B Junction box-Battery](#)
- [C4DF10B Junction box-Battery](#)
- [C4DF10C Junction box-Battery](#)
- [C4DF10C Junction box-Battery](#)
- [C4E730 Unit-Leak detection](#)
- [C4E515 Module-Fuel-pump driver](#)
- [C4ET63A Rear differential control module](#)
- [C4ET63B Rear differential control module](#)
- [C4ET63C Rear differential control module](#)
- [C4ET64A Actuator-Rear differential](#)
- [C4LW13 Lamp-Luggage compartment](#)
- [C4LS35A Tail lamp unit-LH](#)
- [C4LS36A Tail lamp unit-RH](#)
- [C4LS38 Lamp-number plate and switch-Luggage compartment lid release](#)
- [C4LS50 Lamp-High mounted stop](#)
- [C4LS58A Lamp-Fog and tail-LH](#)
- [C4LS59A Lamp-Fog and tail-RH](#)
- [C4MC09 Wheel speed sensor-RH rear](#)
- [C4MC11A Fuel Tank-Petrol](#)
- [C4MC11B Unit-Fuel Tank - D6](#)
- [C4MC42 Initiator-Rear-LH](#)
- [C4MC43 Initiator-Rear-RH](#)
- [C4ME01 Speaker-Subwoofer](#)
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- [C4ME33D Receiver-Television](#)
- [C4ME33D Receiver-Television](#)
- [C4ME78A RH rear surround sound speaker](#)

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Connector: **C4ME22A**



GREY

Part No.: **YPC909710**

Colour: **GREY**

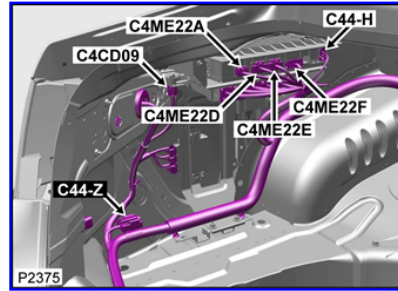
Cavities: **2WY**

Harness: **CABIN LH HARNESS**

Description: **Amplifier-power**

Location: **Behind luggage compartment carpet LH side**

Qualifier:



**Wire Chart**

CAV	TERMINAL	CSA	COL	CCT	DESTN
1	YPL901140	4.0	GY-RD		C44+N
2	YPL901140	4.0	BK		G4D172

**Service Repair Kits**

CSA	2.51- 4.00 CSA	
<b>Cavities: 1,2</b>		
418-411-60	SRK ITEM 4.0CSA	1
418-114	SRK ITEM	1
418-108	SRK ITEM	1

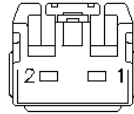
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Connector: **C4ME22A**



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Part No.: **YPC909710**

Colour: **GREY**

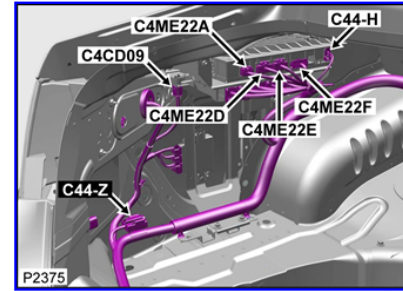
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<b>Cavities: 1,2</b>		
418-411-60	SRK ITEM 4.0CSA	1
418-114	SRK ITEM	1
418-108	SRK ITEM	1

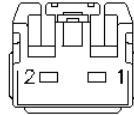
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Connector: **C4ME22A**



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Colour: GREY

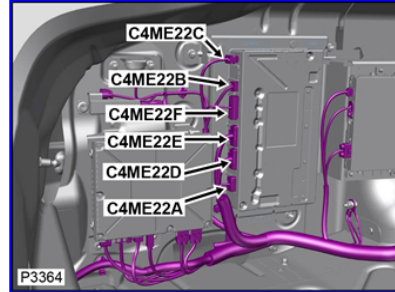
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