



<b>S-TYPE</b>	Date <b>08/2000</b>	<b>S415-01</b>
<b>TECHNICAL BULLETIN</b>		

Subject <b>AM INTERFERENCE SERVICE FIX</b>	Model S-TYPE Year ALL VIN L00267 – L77675
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#### **ISSUE: S415-01 - AM INTERFERENCE SERVICE FIX**

Radio interference particularly on AM Band, may be described as a clicking type noise. The Trunk rear harness is to be modified with the installation of a link harness to move the existing harnesses away from the Audio Antenna Module unit and reduce radio signal interference.

#### **Action**

On a customer complaint basis only.

Modify the main trunk harness and reposition the harness and connectors as far away as possible from the Audio Antenna Module.

Re-route the AM antenna lead from the Audio Antenna Module to the right side AM antenna/defroster screen to reduce radio signal interference.

For the service fix see Workshop Procedure, Appendix 1.

#### **Parts Information**

<b>Description</b>	<b>Part Number</b>	<b>Quantity per Vehicle</b>
Complete Kit	JLM 21533	1
Comprises:		
Link Harness	JLM 21531	1
Grommet	C 8016	1
Clip	JLM 21532	3

#### **Warranty Information**

<b>Description</b>	<b>SRO</b>	<b>Labor Time Allowance (Hours)</b>
Radio AM interference - service fix	86 92 58	1.20

## Appendix 1

### Workshop Procedure

#### Re-position of the trunk harness

Ensure the radio code is available. Remove battery cover and disconnect ground cable from battery terminal. (See JTIS section 414-01 SRO 86-15-01)

Reposition the rear seat backs fully forward for access.

Remove interior trim from floor, left-hand side of luggage compartment, rear quarter trim panel and rear parcel shelf under trim panel.

Remove the New Technology harness connectors from their fixing points on the left-hand side of the trunk next to the audio antenna module and unclip the New Technology harness from above the wheel-arch. Unclip the AM antenna lead connector from its fixing point on the audio antenna module, its power supply lead from the bottom and the coaxial connector on the top left.

From the point in the main body harness where the NT Harness splits off, strip back the coaxial cable so it exits the harness where it passes the bracket to which the trunk gas cylinder is attached stopping at the harness securing strap. At the same time it will be necessary to remove the Audio Antenna Module power supply from the harness to allow for extra slack.

**Note: Extreme care should be taken while doing this to avoid damage to other wires.**

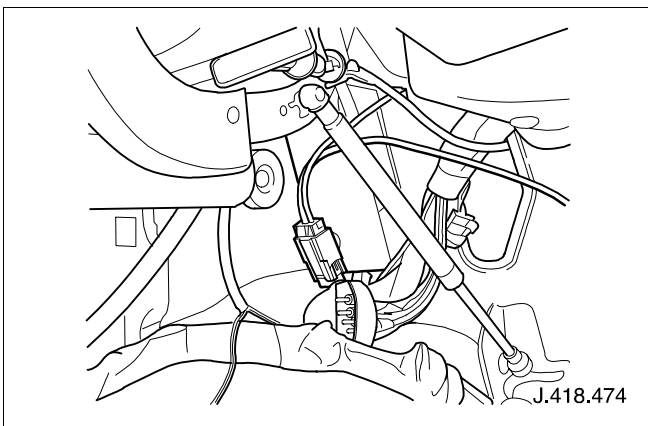
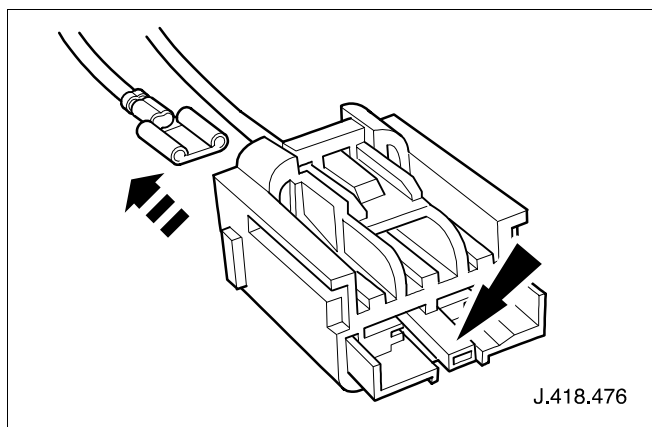


Figure 1

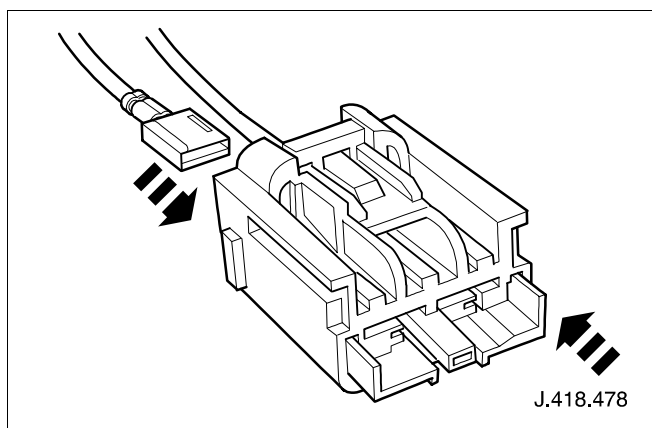
Reseal the main body harness while taping back the Navigation system, Voice Activation and SCP (Standard Corporate Protocol) connectors as far away from the Audio Antenna Module as possible. Do not secure the harness to its original fixing points. Allow the harness to lay over the inner fender well as in Figure 1.

### Re-route the AM antenna Lead

Disconnect the audio antenna module antenna lead wires. Carefully remove the 'D Post trim' above the right hand passenger seat. Determine which of the black wires in the gray connector connects to the right AM screen connector by using a digital Volt-ohm Meter across the connector plug and the right hand AM screen connector.

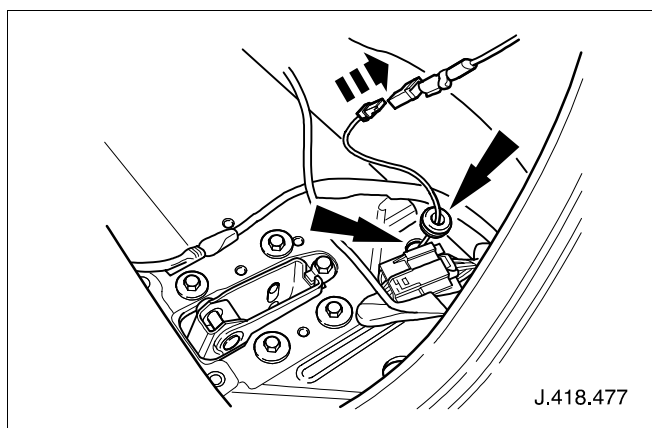


**Figure 2**



**Figure 3**

You will need to gain access to the right hand side of the luggage compartment to feed the new AM lead through the desired hole in the body as shown in Figure 4

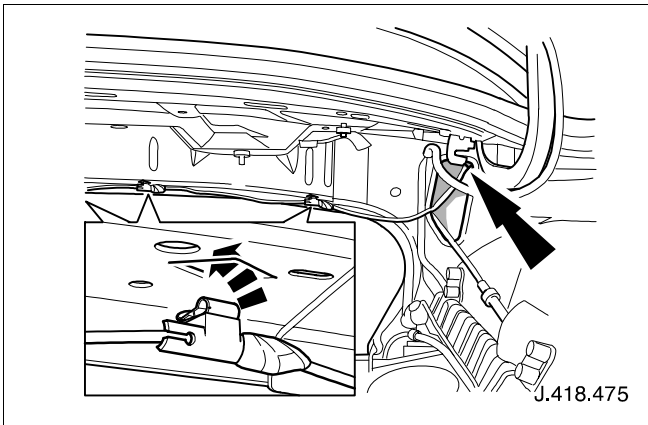


**Figure 4**

Once this lead has been identified, it must be removed from the gray connector.

First pull out (do not remove) the white antiback-out clip as in figure 2 and figure 3. Release the terminal by depressing its clip inside the front of the connector with a small screwdriver. Tape up the loose terminal from the connector and place the terminal behind the body cavity foam next to the audio antenna module. Replace this lead with the new AM antenna lead.

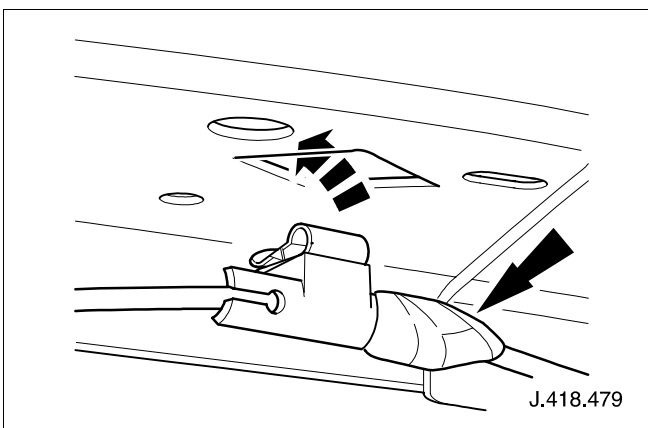
View is from the offside rear looking through the rear backlight.

**Figure 5**

Loosen (do not remove) the parcel tray, install the grommet in the hole to be used for the new AM lead, remove the gray body cavity foam from the right bulkhead hole and maneuver the black plastic connector up through the hole under the parcel shelf in the body. Pull it underneath the trim and up the D post to the AM antenna screen connection. Disconnect the old lead and tape off to the side. Run the new lead into the wires already in that pillar and connect the AM screen connector. Secure the new AM lead with the supplied clips as shown in Figure 5.

Secure the clip to the harness using a suitable adhesive tape. (See Figure 6)

Refit the body cavity foam, the seat belt trim, rear parcel shelf, luggage compartment trim, rear quarter trim panel and rear parcel shelf under trim panel.

**Figure 6**

Reposition rear seat backs to their original position.

Reconnect battery. Refer to JTIS

Reset all battery dependent features; radio code, etc.