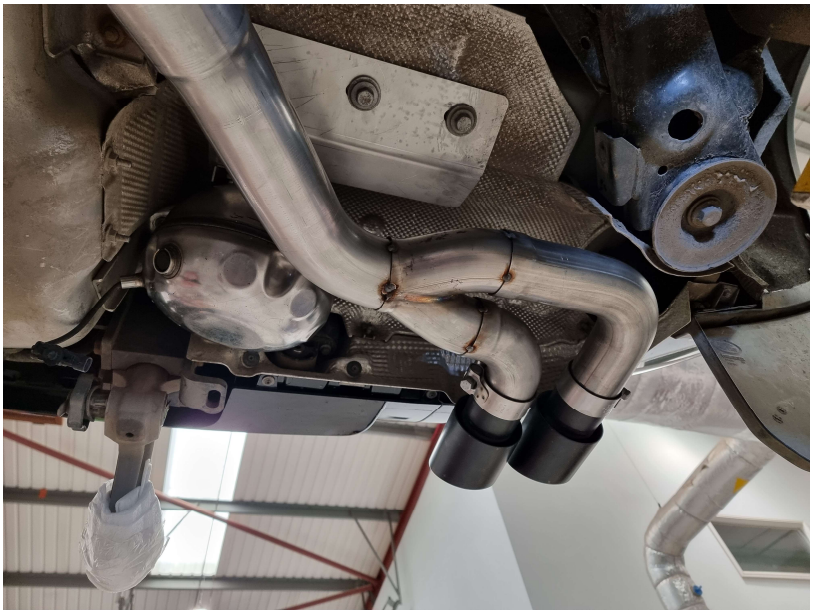
# Land Rover Defender L663 DXXX Active Sound

The active sound speaker is bolted to the supplied bracket and should be fitted once the OE exhaust has been removed.

The bracket attaches to the vehicle as shown below: -

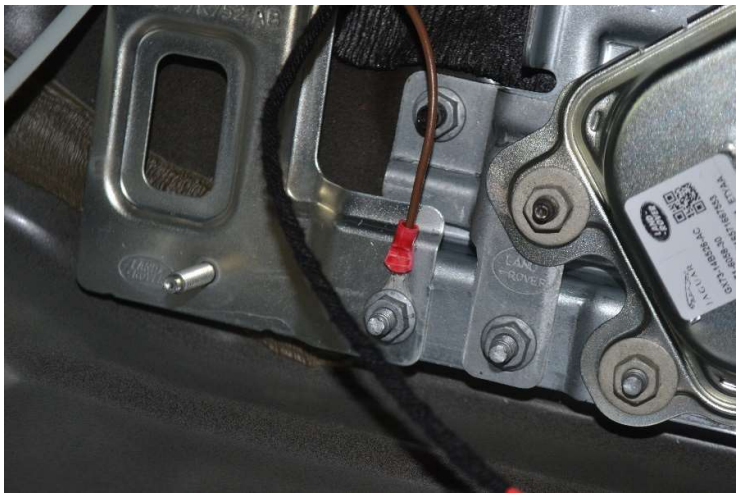




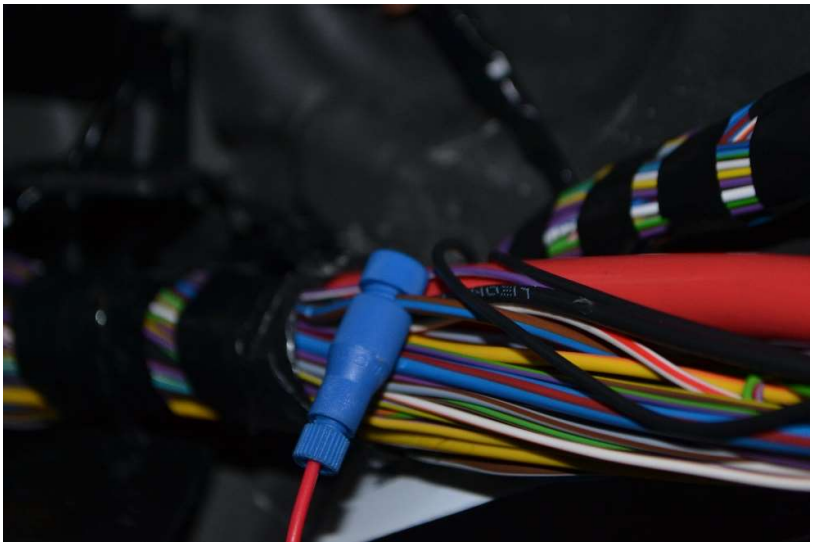
Module should be located in the vehicle close to the rear fuse box, the connector to the speaker can be run to the underside of the vehicle via one of the boot floor grommets.

**Wiring Colours:**

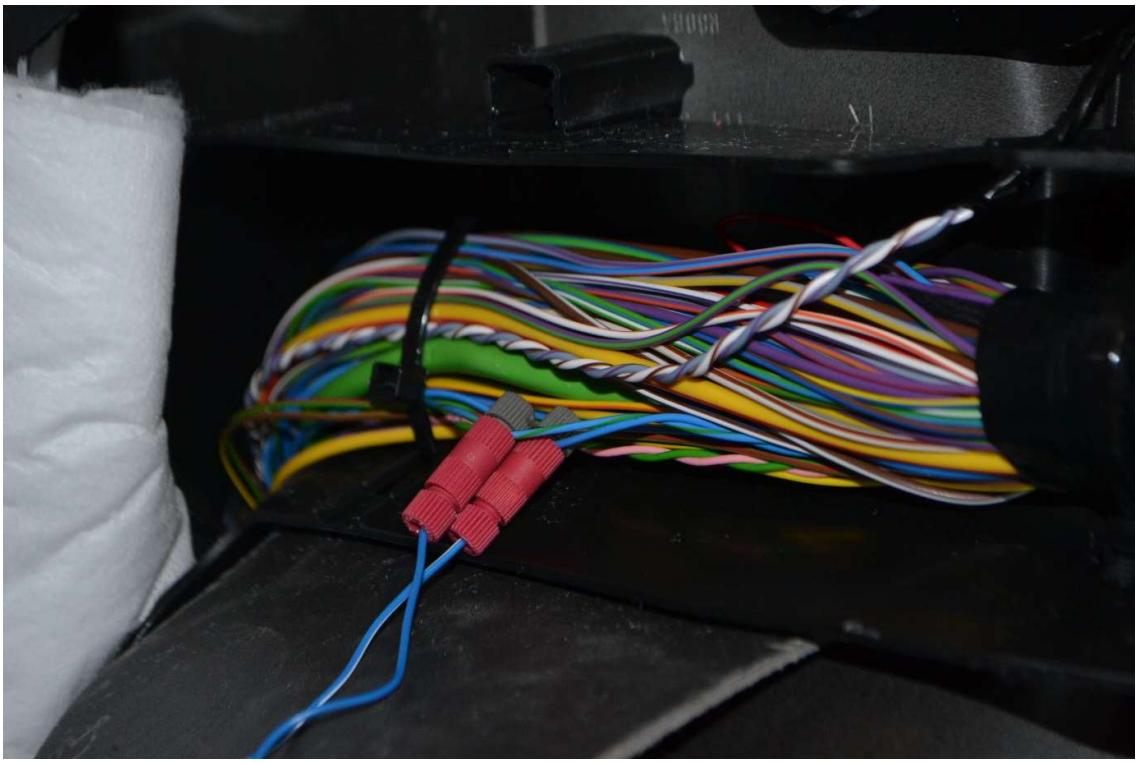
Brown wire – earth to vehicle chassis



Red wire – switched/ignition live – either tap into the Brown/Blue wire as shown below or locate a switched live in the fuse board



Can-bus wires – using the supplied black can bus quick connect crimp plugs or Posi-lock connectors as follows:



- OE Loom Blue wire is **CAN-HIGH**
- OE Loom Blue with Green Tracee – **CAN-LOW**

The can-bus wire colours in the loom of the Milltek Active Sound Kit can be one of the following colour combinations:

- CAN-HIGH Yellow/White
- CAN-LOW Yellow

- CAN-HIGH Green/White
- CAN-LOW Green

- CAN-HIGH Red/Blue
- CAN-LOW Red

- CAN-HIGH Yellow/Red
- CAN-LOW Yellow/Brown

- CAN-HIGH Orange/Black
- CAN-LOW Orange/Brown

- CAN-HIGH Blue/White
- CAN-LOW – Blue

**Configuring the device: -**

On your Smart Phone visit the App Store or Google Play Store and search for “Milltek Sport” and select “Milltek Sport Active Sound”

Once downloaded power on the vehicle and open the app, it will begin to scan for devices via Bluetooth.

It will display a list of devices and select the ASXXXX device and use the default PIN of “0000”.

Next click on the “I” icon in the top of the screen and then select “Download Manager” and click on “Get Car List”. From the drop-down menu select the relevant vehicle and save the settings.

The device will load the configuration and now should respond to throttle input.

## Troubleshooting: -

**Unable to Connect to the module to test?**

- Check the 12v power cable and using a multi-meter confirm you have 12v DC on the red wire going to the loom powering the Milltek Sport Active Sound Control modules

**Module is found in the app but cannot connect?**

- Check you are entering the correct passcode of 0000
- Power off the car and unplug the modules for 10 mins and try again

**Module is found by the App, you can enter the passcode but does not respond to the throttle input?**

- Check the CANBUS connections and ensure these haven't been switched over, this can be confirmed by the "CAN OK" message within the app select the "Diagnostics" option by pressing the "Cog" icon on the main App screen, if it shows "CAN FAILED" then there is an issue with the wiring connection to the vehicle

**Module is found by the App, you can enter the passcode but does not make any sound?**

- Check the connection to the Sound Generators and ensure these haven't been damaged or switched over, this can be confirmed by the "Output 1 OK" for the Land Rover Defender single speaker system (Ignore Output 2) by selecting the "Diagnostics" option by pressing the "Cog" icon on the main App, if it shows "Output 1 Open / Short" then there is an issue with the wiring to the speaker.