

DAB became a factory option in the X150 XK/XKR from 2010MY (VIN B32753 onward) so DAB+ installation in those models onward is relatively straight forward.

The 2009MY (VIN B27987-B32752) also has the software from the factory to support DAB/DAB+ so this is also relatively simple, however the CCF must be manually edited to enable DAB on the touchscreen.

The 2006.5MY to 2008MY (VIN B00379-B27986) does not support DAB from the factory, however it is possible to update the software in the touchscreen and other modules to the 2009MY version, which will provide DAB functionality, however the procedure to make this update is quite involved.

The Audio Head Unit in 2006.5-2007MY typically need to be updated to the version from the 2008MY-onward cars, as the audio head units with part number starting with 6G9N do not support DAB as far as we can tell, later head units starting with 7G9N are supporting DAB.

The components needed for a DAB retrofit into an X150 are;

DAB+ module – OEM unit from JLR → Must be version DW83-14F720-CA, Jaguar p/n C2P25499

Power Cable – custom from OldJaguar

Antenna Cable – custom from OldJaguar

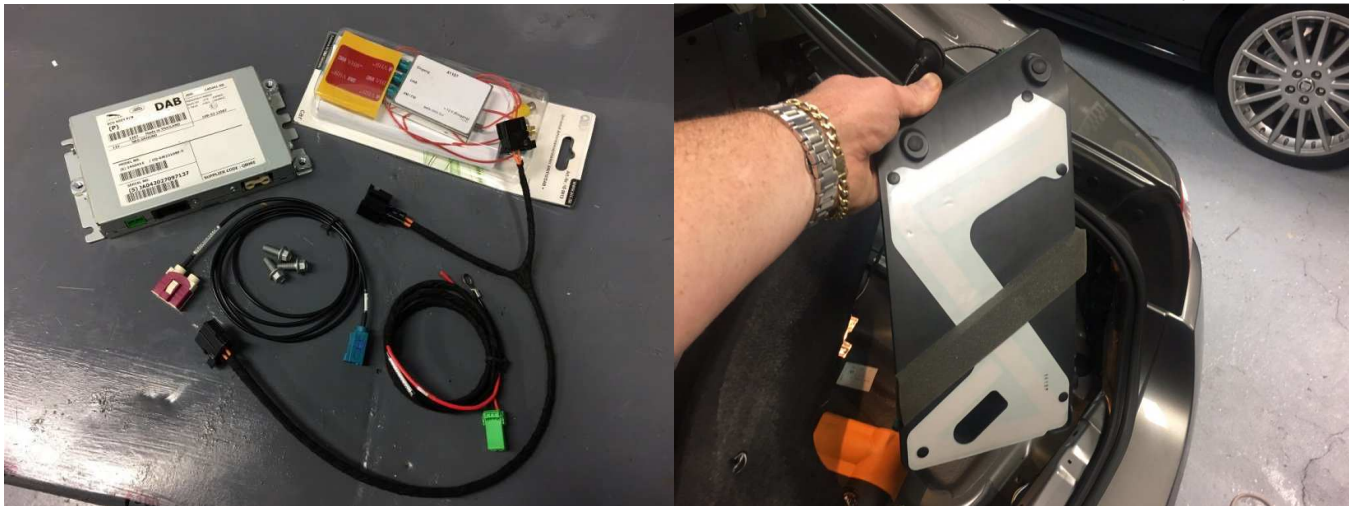
MOST Splitter Cable – custom from OldJaguar

Dietz DAB Amplifier – p/n 41106 or 41107

OEM DAB antenna – OEM from JLR → Jaguar p/n C2P16999

M6 Flange Bolt – included in kit from OldJaguar

Note: antenna is shown “upside down” in picture



The antenna is mounted behind the plastic bumper cover, at the right rear of the vehicle



In the 2009MY-onward cars there is a hole in the boot floor covered with tape, the coaxial cable from the antenna can pass through this hole, and there is a rubber grommet on the cable to seal up the hole around the cable. In pre-2009MY cars this hole may not be present. A suitable size hole can be cut using a step drill.

The plastic housing of the antenna is shaped to match the profile of the bumper cover, and there is a tab on the antenna which slips in between the chassis rail and the bumper, holding the antenna in place. Note exactly which hole shown.



In the 2009MY onward cars there is a hole in the aluminium chassis rail to put a self-tapping screw into the plastic of the antenna, to secure it in place.

The Dietz antenna amplifier fits into a cutout in the foam insulation right next to the location of the hole in the boot floor, where the antenna cable passes through. You need to remove the interior carpet trim in the boot on the right hand side to access this location.



The red power cable on the Dietz amplifier is superfluous and may be removed to neaten up the installation.

The antenna (green Fakra plug) connects to the input of the amplifier, the antenna cable which runs to the DAB receiver module connects to the plug marked DAB. The plug marked AM/FM is not used (may be blanked with empty Fakra shell).

The DAB receiver module mounts in the multimedia stack next to the battery, in the top of the stack, above the Navigation DVD drive.



The module is mounted “upside down” and secured with the three M6 Flanged bolts.
The negative of the power cable can be connected to the multimedia stack with one of those bolts.

Photo shows a 2009MY car with the phone module at the bottom of the stack, the 2010-onward has the phone module at the top of the stack, the DAB module is mounted in the same position regardless.

The MOST cable to the phone module at the bottom of the stack is unplugged, and plugged into the female connector of the splitter cable. The short male connector goes into the phone module, the long male goes into the DAB module.

The green power cable plugs into the DAB module. You can into the power cable for the phone module to supply the DAB. +12V positive is the Blue/White wire on the phone module plug, the Black wire is ground. Make good solder connections.

The antenna cable plugs in to the DAB module, it is keyed and can only go in one way.

Once all connections are made, the audio system should operate normally, but until the necessary programming has been done, you will still not have DAB functionality via the touchscreen, the Car Configuration File (CCF) must be edited to enable this functionality.

2010MY onward (VIN B32753 onward) can be enabled using the “Add/remove accessories – in2digi D-JLR digital radio” routine in the Service Functions tab in SDD. Only SDD version from V146.02 onward.

Session Recommendations

Service Functions

To ensure all screen options are available when running any set-up applications pl

Service Functions

Body, Accessories, Security

Type	Description
	Add/remove accessories - Digital radio accessory
	Add/remove accessories - Digital radio control module upgrade
	Add/remove accessories - in2digi D-JLR series digital radio
	Add/remove accessories - Mirror personalisation features
	Add/remove accessories - Parking aid control module.
	Add/remove accessories - Tire size (rolling circumference)
	Add/remove accessories - USB portable audio accessory

The “Add/remove – Digital radio accessory” will also enable DAB in a 2010-onward XK (function is not available for other models)

The “Add/remove - Digital radio control module upgrade” is intended for fitting a DAB+ module in place of an older DAB one aka a DAB to DAB+ upgrade. It does not affect the functionality of the DAB+ module, it is only relevant when trying to load the software to a DAB+ module using SDD. (currently no new versions available anyhow)

Follow the instructions on the screen for each routine.

Remember that a suitable battery charger must be connected during programming.

For 2006.5MY to 2009MY (VIN B00379- B32752) the CCF must be edited manually (SDD with Engineering Mode), please see the other guide regarding manual CCF editing.

A reminder that the 2006.5MY to 2008MY (VIN B00379-B27986) require an additional programming of the touchscreen and multimedia modules to enable DAB functionality, and possibly a different head unit. A separate guide for this will be available in the future, for the time being these vehicles will be supported by an exchange program for touchscreens and multimedia modules only.

Once the hardware installation is complete and the CCF has been edited, the DAB menu should appear on the touchscreen, the DAB must then be tuned to pick up local stations, note that the Country and Band selection buttons do not function unless the park brake is engaged, an Auto-Tune must be run to find the stations under the DAB search button, changing the Country or Band selection will also run an Auto-Tune.



When making a search for channels, it is advisable to bring the car outside from the workshop to get the best possible reception. The vehicle owners manual for pre-2010 vehicles does not include DAB, a replacement section of the manual can be provided as a PDF if needed.