

While the Infotainment Hardware in the 4.2L X150's is the "same" from 2006.5MY to 2009MY, there was an updated software in the 2009MY vehicles that provided additional functionality, as well as some "secret" functionality that was only seen in the later models from 2010MY and 2012MY respectively...

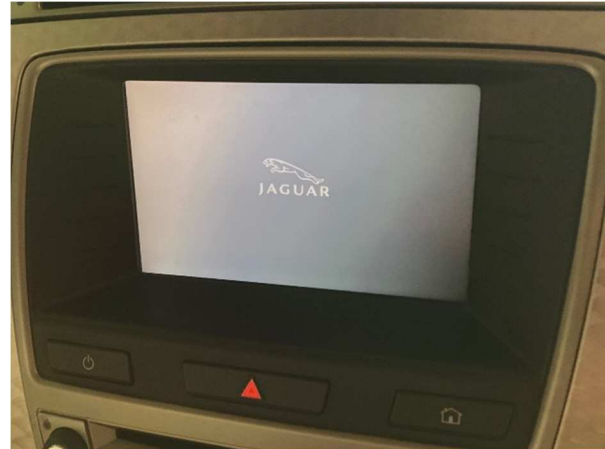
2009MY is VIN range B27987 to B32752; this update is applicable for cars prior to VIN B27987.

Appearance

The basic on-screen appearance of the two versions is very similar, however there are some subtle differences.



2006.5MY-2008MY boot logo



2009MY boot logo

There are minor layout changes to the main screen (e.g. ambient temp indication) and new screen savers.

Additional functionality

The 2009MY software supports additional features that are not available in the earlier software. To utilise these features additional hardware must be added, as well as changes to the Car Configuration File to activate them

Reverse Camera – needs camera and cables installed.

DAB+ Digital Radio – needs DAB module, antenna, antenna amplifier and cables.

Portable Audio USB/iPod – needs AUU module and cables. (Bluetooth streaming possible via iPod with adaptor)



Portable Audio USB/iPod was a factory option from 2009MY

DAB Digital Radio was factory option from 2010MY, updated to DAB+ in 2014MY (only in UK/EU cars)

Reverse Camera was factory option from 2012MY

With the 2009MY software all of these features are now available in the earlier cars.

Bluetooth Audio Streaming becomes possible by using a Bluetooth Adaptor on the iPod cable.

Internal Info

Requires software update / programming using SDD, and also an external USB stick.

Having a 2009MY XK or XKR available makes the upgrade easier; install the media stack from the earlier car into the 2009MY, and update modules using SDD.

OR

Use the VIN of a 2009MY when making a session with the earlier car (VIN bypass function in SDD required).

Three main software / programming steps;

- Software in the ICM Infotainment Control Module updated. (approx. 20mins)
- Software in the FCDIM (touchscreen) Front Control Display Interface Module updated. (approx. 2.5hrs)
- Car Configuration File modified to suit added features/hardware. (approx. 20mins)

Additional time should be allocated for disassembly of vehicle/s.

The software download to the FCDIM will often crash around 2hrs 10min, in which case the software can then be re-loaded using a USB stick and OTG cable (mini USB).



Use as small a USB stick as possible, ideally 256MB, 512MB, less than 1GB

Files and update process provided on request.

** This is also the process to recover crashed touchscreens.

Once the ICM and FCDIM have been successfully updated, it is anyway necessary to re-load the CCF, so that is the time to make the required modifications.

NOTE:

It's our understanding that some very early cars prior to VIN B12134 (built prior to Dec 2006), which have Audio Control Module (CD/Radio) with part number starting with 6G9N, may need a replacement unit installed to utilise the DAB and Portable Audio features.