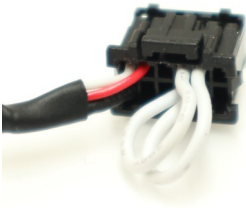# Sony XAV-AX100 steering control problem fix

Some Sony XAV-AX100 head units do not work correctly with InCarTec 29-6 and 29-7 series steering control interfaces.
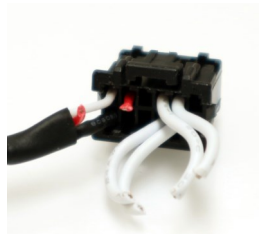
This can be fixed by using the 29-016 patch lead or by modifying the 29-008 Sony patch lead.

The 29-016 patch lead is designed to work with non branded units that have a learning feature for steering control inputs, the Sony XAV-AX100 has this feature.

The 29-008 Sony patch lead can be modified to be the same as a 29-016. To do this the two loop wires in pins 7 and 8, and 9 and 10 need to be cut. Also the red wire from the jack lead needs to be cut too. See images below of the 29-008 before and after modification.

29-008 Sony patch lead

Loops and red wire cut

Sony steering control setup.

Once you have connected the interface with the 29-016 or the modified 29-008, you will need to set up the steering control inputs on the Sony unit.

On the home screen, scroll right to **settings**. Under **general settings** scroll down to **steering control**, select **steering control** and change from preset to **custom**, then press back.

Scroll down to **steering control custom**. On this screen you will see the functions that are available to be programmed.

Follow the instructions on screen, press and hold the function you want to assign, then press and hold the button on the steering wheel. The assignment will be confirmed with an **orange boarder** around the function. Assign all available buttons on the wheel to functions on the head unit, then press back. Return to the home screen then test the steering controls.