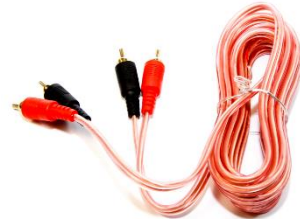
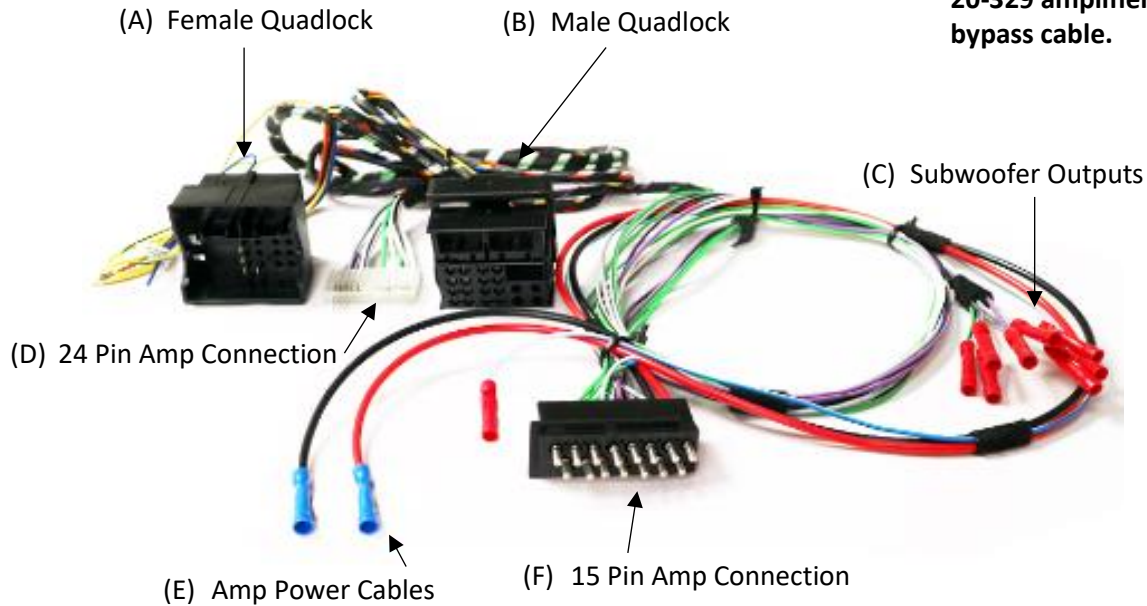


RANGE ROVER L322 OR BMW X5 (E53) WITH OEM DSP AMPLIFIER SUBWOOFER AMPLIFIER COMPLETE FITTING KIT PARTS AND CONNECTIONS:

**20-329 amplifier
bypass cable.**



(G) BLAM RA754D
Ultra-Compact
D-Class 4x75W
Monoblock
amplifier
(BL-RA754D)

**(H) RCA 5 Metre
Phono Cable
(32-109)**

**(I) RCA Y Leads x2
(32-103)**

Fitting Instructions:

If you have already fitted an aftermarket radio with our amplifier bypass cable (20-316) then the cable supplied in this kit (20-319) replaces it.

See connection diagram over leaf for more detail.

1. Run the 5-meter phono cable (H) from the new head unit to the back of the car along with the quad lock extension cable (sold separately).
2. Disconnect the tuner module and amplifier (rear left quarter panel on Range Rover and under boot floor on X5) and connect the female quadlock (A) to the original wiring for the radio tuner module and the amp connections (D and F) to the original wiring for the amplifier.
CHECK THE ORIENTATION OF CONNECTOR D, SEE OVERLEAF.
3. Connect the male quadlock (B) to the quadlock extension.
4. Take the wiring looms that come with the amplifier (G) to the subwoofer outputs (C) these can be matched colour to colour. Use a crimping tool to crimp the butt connectors.
5. Attach the amp power cables (E) to the other connector from the amplifier (G). Match colour to colour, the two red cables from the amp go to the single red power cable, the two black cables go to the single black ground cable and the blue/white amp turn on cable goes to the blue and white cable with the red butt connector.
6. Connect the 2x RCA Y Leads (I) between the 5-meter RCA cable (H) and the RCA connections from the amplifier (G).
7. Make sure that both the switches on the amplifier (G) are set to LPF (low pass filter) to make sure the subwoofers are only outputting the bass notes.
8. Optional: Connect the loose yellow/red (speed pulse) and the loose blue/yellow (reverse) to the same coloured wires at the navigation module. These pass the signal through the quadlock extension to the head unit if required.
9. Check all connections and we recommend securing the amplifier connections (D) and (F) with cable ties or similar.
10. The levels of the two subwoofers can be adjusted using the tuning pots next to the switches on the amplifier (G).
11. With the system tested, refit any removed interior trim and hide away the amplifier into a suitable cubby or area around the same location as the original.

Fitting Note on 24 pin Amp Connector D

The below shows how amp connector D (left) fits to the original vehicle wiring (right) make sure that the orientation is correct and the pins are seated in the correct position to avoid damage. Note the housing has been removed from the vehicle connector in the image.

Connection Diagram:

