



## Installation Instructions

1. **Ensure your vehicle's ignition is off with the key removed.**
2. Remove the original Head Unit (radio) with reference to the manufacturer's instructions.
3. Relocate the OEM Head Unit using the fibre optic extension **with reference to the 29-712 specific instructions.**
4. Fit the new fitting cage into the car. You can discard any fitting cage that came with the new Head Unit you are fitting.
5. Assemble the Universal Patch Lead (**29-025**) with reference to the given instructions with the Patch Lead.
6. Connect the patch lead to the new Head Unit and then to the Steering Control Interface (**Black box of 29-712 harness**). **THIS MUST BE DONE FIRST BEFORE ANY OTHER CONNECTIONS.** Refer to the specific instructions for **29-712**.
7. Disconnect the large male connector from the rear of the original Head Unit and connect the 29-712 harness to this.
8. Connect the ISO connectors of **29-712** to the new Head unit. **( In USA or if using a Chinese radio without ISO connectors, you will have to cut off the ISO connectors and splice the wires colour to colour)**
9. Connect the 21-123 Antenna Adapter between the car's Fakra and the new radio. Join the blue wire to the Blue antenna turn on wire from the new head-unit.
10. Locate the Amplifier in the vehicle, this is usually under the driver's seat as shown in the diagram. Disconnect the GREEN speaker connector from the amplifier and connect the Amplifier bypass cable (**20-308-SPK**) via the green connector as shown in the diagram. LEAVE THE GREY POWER CONNECTOR and LEAVE THE FIBRE OPTIC CONNECTOR connected to the amplifier. Run the speaker cables to the new head-unit and connect via the brown Iso connector to the new radio ( Splice if no ISO on the new radio)
11. **The extra wires on the 20-308 bypass cable are for the Sub woofers if adding a new amplifier such the BLAM mono-block amplifier. See AK-LR-01 specific instructions for more details on installation. IF NO AMPLIFIER IS NOT BEING CONNECTED:** Simply leave the wires disconnected.
12. **Test the system fully before fitting the new Head Unit fully.**

## Troubleshooting

- Check that the correct patch lead has been used and links in the connector are in the correct place (Always disconnect from the power supply if you change the lead).
- Check that head-unit is earthed and the black wire is earth.
- Check the original amplifier is still powered and the fiber optic still in circuit.