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Anleitung für Opus-Zündverstärker Instruction for amplifier kit

Fitting note

Please note brackets and fixings shown in illustrations will need to be obtained/fabricated as required.

When replacing amplifiers 48012 and 48018 with the later production amplifier 48038, the new amplifier must not be fitted in the same position as the original (on the engine), it must be repositioned off the engine. The revised fitting position of the new amplifier will vary according to vehicle application and in the case of fuel injection engines the petrol injection power amplifier must also be repositioned, in addition.

1. General (All applications)

Remove the existing pick-up module from the distributor end fit replacement provided in kit. Adjust air gap between pick-up module and timing rotor to 0.51-0.64mm (0.020"-0.025"). If necessary, refer to vehicle manufacturer's instructions for detailed procedure on dismantling, fitting and adjustment of pick-up module.

Remove the defective AB3 electronic ignition amplifier. If the unit being discarded is Part No. 48012 modify the prewired harness of the new amplifier by cutting off the cylindrical connector from the White/Black cable and fit the male 'Lucar' blade and sleeve provided in the kit (see FIG.1). Ensure a good soldered or crimped connection is made. WB -White/Black

2. Jaguar/Daimler XJ12 (a) Fuel Injection Models

Disconnect and remove petrol injection power amplifier and relay rail from upper crossmember. Remove B chassis bolts and 3 radiator cowl nuts from upper crossmember. Disconnect all electrical connections and remove crossmember. Note: Vehicles with air conditioning, remove screws securing condenser unit. Drill crossmember as FIG.4. Secure Ignition amplifier and petrol injection power amplifier on crossmember see FIGS.3 and 5. Use existing hole and grommet to pass leads through vertical section of crossmember.

Refit crossmember and relay rail. Reconnect all electrical connections. Note ignition amplifier earth-point and cable harness arrangement FIG8.

3. Jaguar XJ27 'S' Type

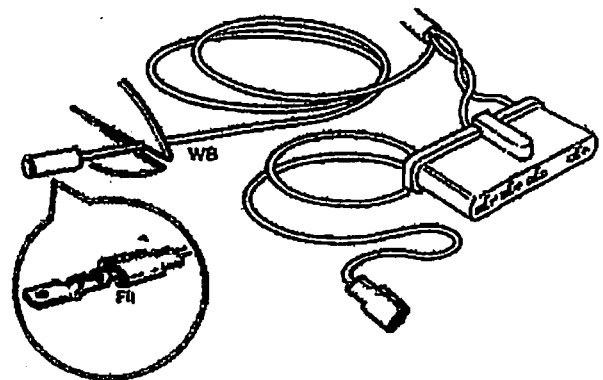
Ignition amplifier to be positioned on bumper crossmember (See FIG7). Drill bumper crossmember as FIG. B and secure amplifier as FIG.9. If cable entry hole is not already provided in upper crossmember, drill hole as FIG.8 and fit grommet (provided in kit) to protect amplifier cable harness. Note cable harness arrangement FIG.10.

4. Jaguar 'E' Type

Ignition amplifier to be positioned on front crossmember (See FIG11). Remove and discard lower bolt from right hand header tank fixing bracket. Using a longer bolt and spacer (not provided) secure one side of amplifier. Secure the other side using fabricated brackets (not provided in kit). Suggested design shown in FIG.12. Amplifier cable harness arrangement as shown in FIG.13.

Carburettor Models

Remove upper crossmember as for petrol injection models but drill only holes required for ignition amplifier (4 off) and hole in vertical section (See Fig. 4). Secure amplifier as for petrol injection models and use grommet provided in kit to protect leads. Refit crossmember and relay rail. Reconnect all electrical connections. Note injection amplifier earth-point and cable harness arrangement FIG. 6.



WBWhiteBlack

Fig. 1 Substituting ignition coil connector when replacing amplifier 48012

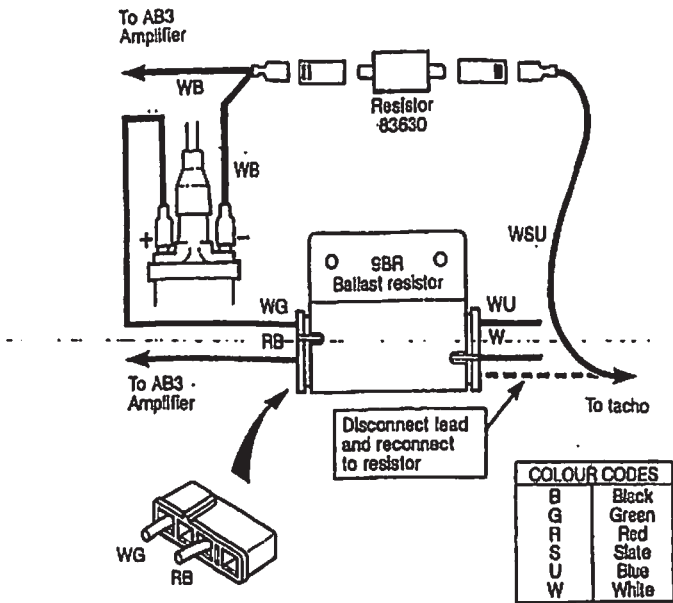


Fig. 2 Connection details.

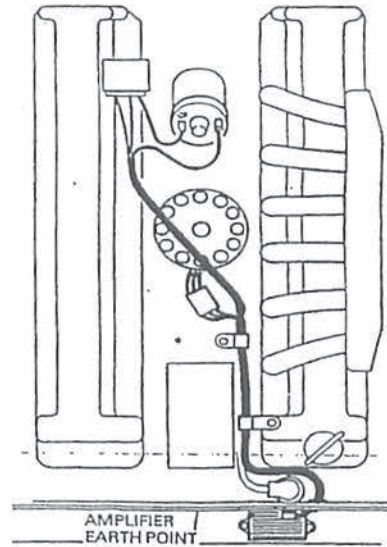
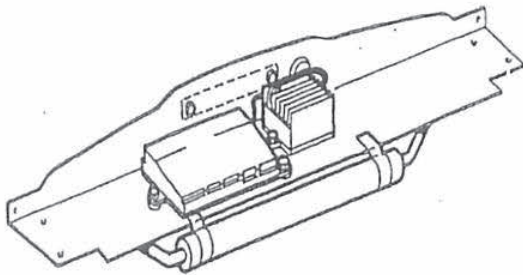


Fig. 6 Ignition amplifier cable harness arrangement (XJ12)



g. 3 Revised layout for Jaguar XJ12

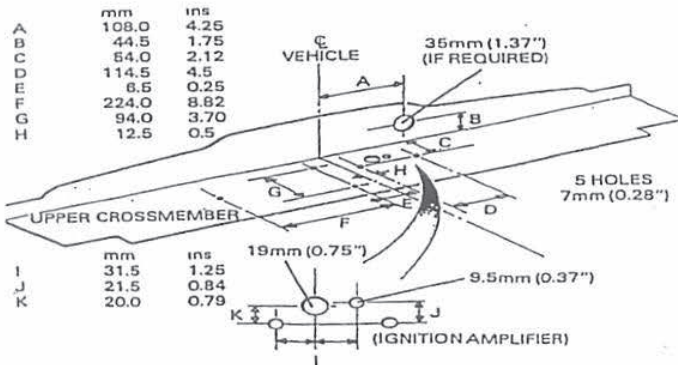


Fig. 4 Drilling upper crossmember

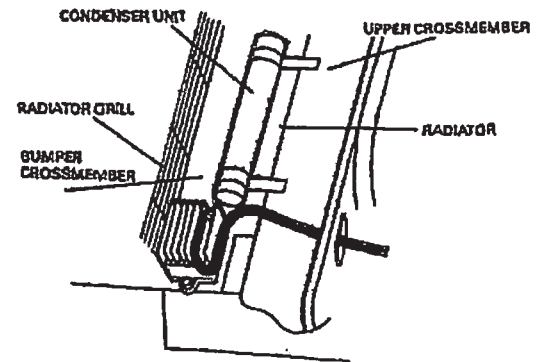


Fig. 7 Revised layout for Jaguar XJ27 ('S' Type)

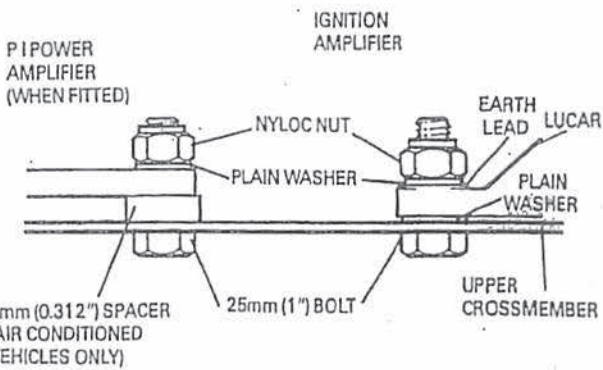


Fig. 5 Ignition amplifier and PI power amplifier fixing parts arrangement

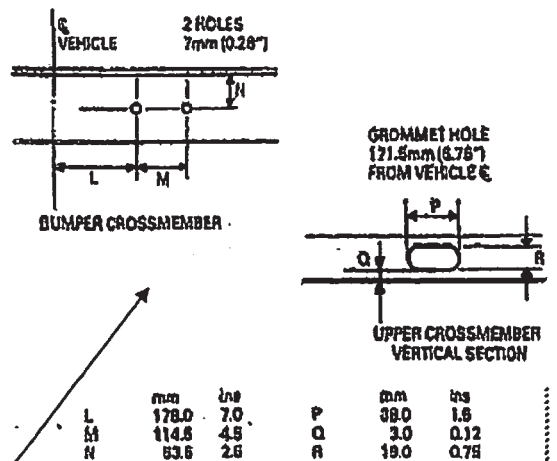


Fig. 8 Drilling bumper crossmember and upper crossmember.

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Fig. 9 Suggested arrangement for fixing Ignition amplifier
PLEASE NOTE. FIXINGS NOT SUPPLIED IN KIT

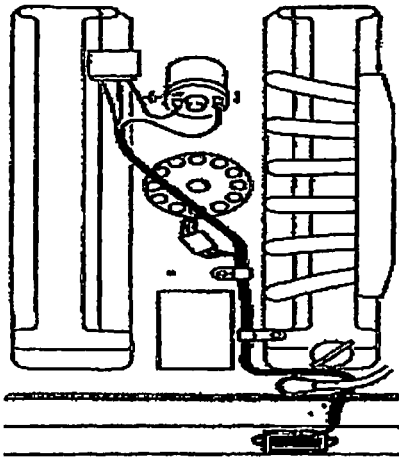
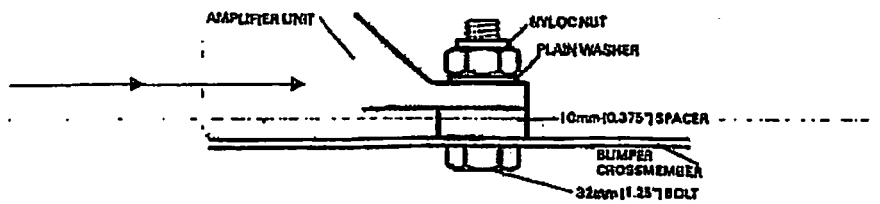


Fig. 10 Ignition amplifier cable harness arrangement (XJ27 S-Type)

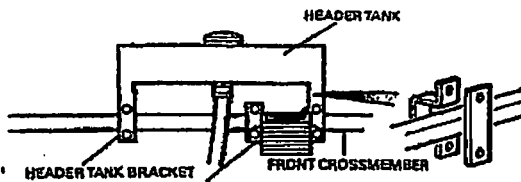


Fig. 11. Revised layout for Jaguar 'E' Type (viewed from front of vehicle)

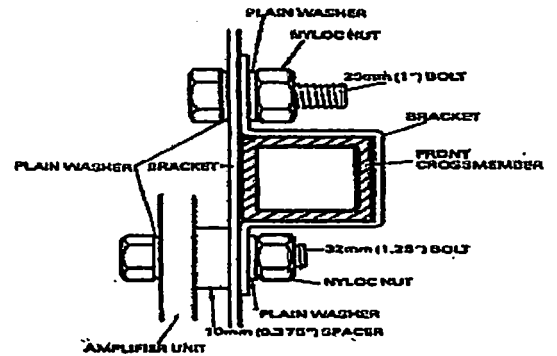


Fig. 12. Ignition amplifier suggested attachment arrangement.
PLEASE NOTE. FIXINGS NOT SUPPLIED IN KIT

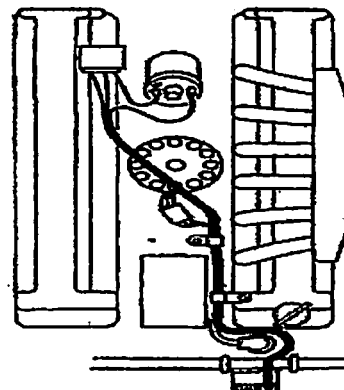


Fig. 13. Ignition amplifier cable harness arrangement ('E' Type)