

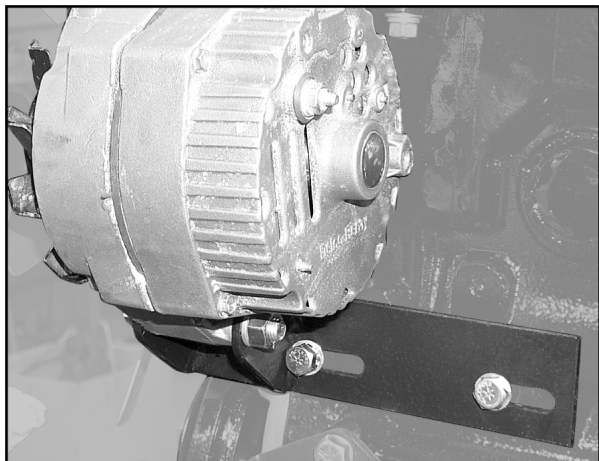
# XKs UNLIMITED

## MK II Alternator Conversion Kit Part#08-0398

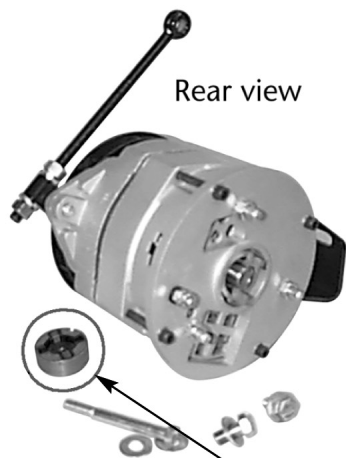
Read this sheet before you begin. If at any time you have questions on the installation please feel free to call your XKs' salesman. This conversion is applicable to 12-volt negative ground systems only. This is a one-wire self-regulated power supply. After conversion is complete the old voltage regulator (Control Box) serves as a connecting point only.

Parts included:

- (1) All new alternator assembly, modified to accept original Jaguar power steering pump
- (1) Alternator mounting bracket/hardware
- (1) Tension adjuster rod



Close-up isolated view of base mounting bracket. For clarification, the unit shown above does not have provision for power steering pump drive.

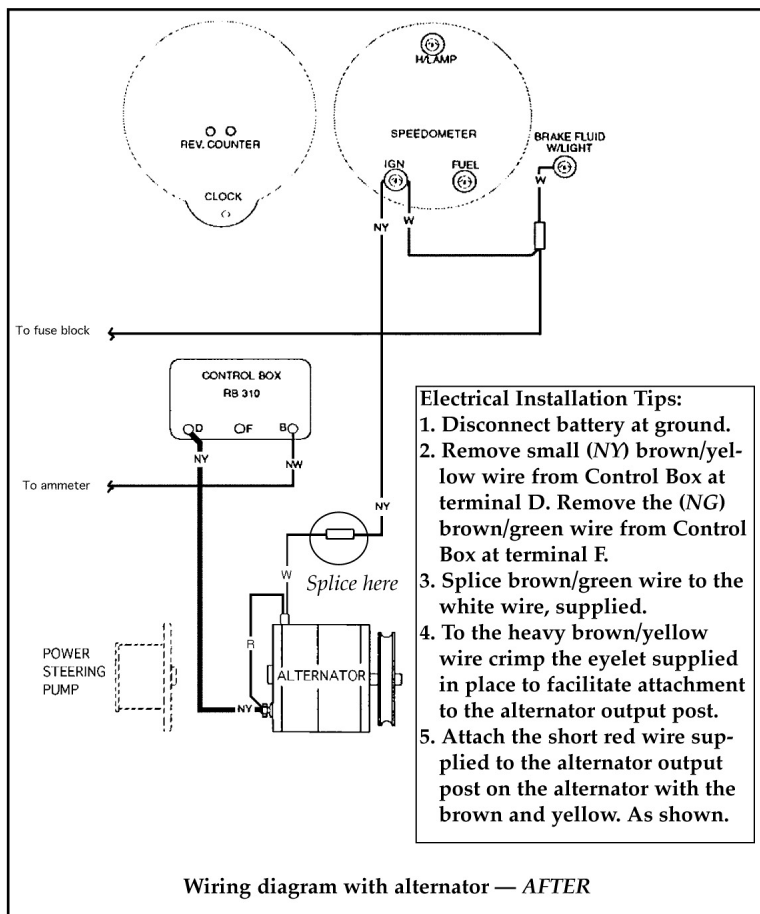
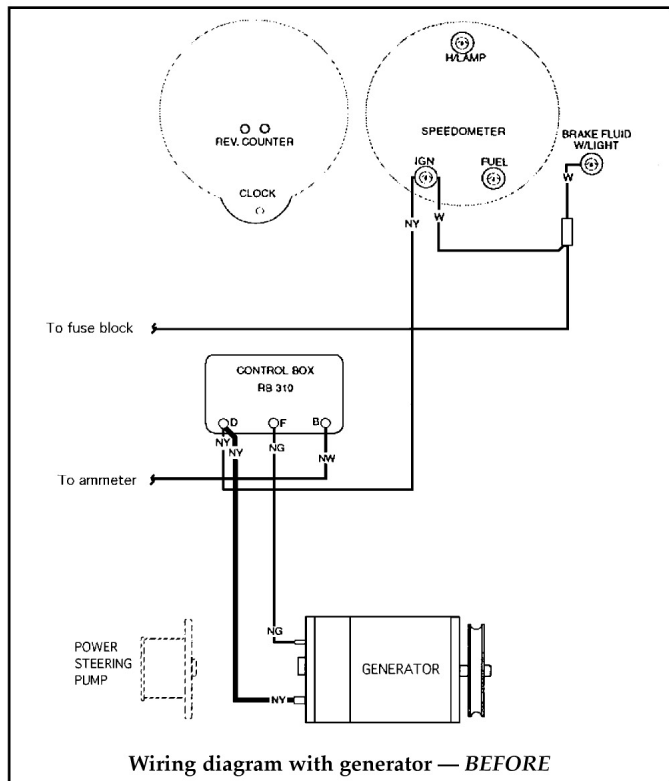


Rear view

### Hardware Installation Tips:

1. Should you require a replacement coupler between the alternator and the power steering pump it is available separately. Order No. JA-8285
2. Retain and transfer your existing pulley, providing it is a conventional 'V' drive type. Later MKIIs are supplied with a 'double-V' pulley. To use this kit, you must convert your pulleys by ordering one (1) each of C14588 and C14589. New pulleys are not supplied with this kit.
3. Once all the components are in place, make sure the pulleys align with one another. The alternator can be moved fore and aft on its slide mount.
4. If needed, loop a piece of cord around all the pulleys to determine the length of the new  $\frac{3}{8}$ " 'V-belt' required.

A new coupler is not part of this kit, but is available separately by ordering No. JA-8285.



### Electrical Installation Tips:

1. Disconnect battery at ground.
2. Remove small (NY) brown/yellow wire from Control Box at terminal D. Remove the (NG) brown/green wire from Control Box at terminal F.
3. Splice brown/green wire to the white wire, supplied.
4. To the heavy brown/yellow wire crimp the eyelet supplied in place to facilitate attachment to the alternator output post.
5. Attach the short red wire supplied to the alternator output post on the alternator with the brown and yellow. As shown.