

Alternator Upgrade / Replacement

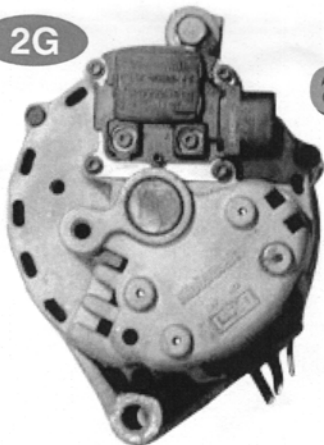
1987 - 1993 MUSTANG 5.0L ENGINE

The following procedure documents in exact order and detail the steps necessary to replace the OEM 2G 65/75-Amp alternators with our replacement 3G 95 or 130-Amp alternator. We do not guarantee that these instructions are perfect nor guarantee the results; however the following instructions precisely represent this same upgrade done in our shop by our own staff.

As always, use care in working on any vehicle, take any necessary precautions you feel are needed in addition to any we mention - and remember - **SAFETY FIRST!**

Warranty note: Due to tight tolerances of internal components, 3G alternators are NOT to be disassembled in any way. Loosening the thru-bolts holding the alternator together will void the warranty. During manufacture, these thru-bolts are installed with LocTite thread-locking compound. All thru-bolts are installed together and torque is applied equally and simultaneously to ensure even, permanent assembly. Under no circumstances are these bolts to be loosened or removed.

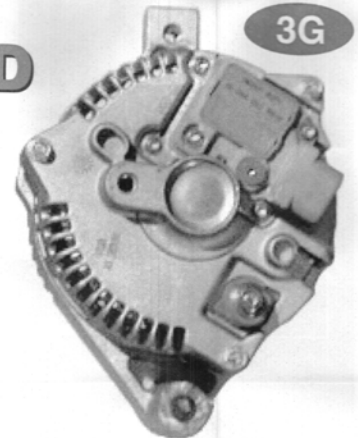
2G



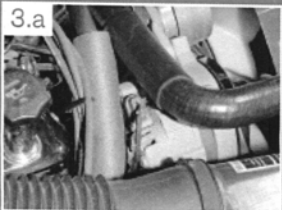
65/75-Amp 2G UPGRADED to 95 or 130-Amp 3G

Note: Steps 1 to 12 and 14 to 20 apply to upgrading to both the 95 and 130-Amp units. Step 13 outlines the additional modifications needed when upgrading to the 130-Amp unit.

3G



3.a



3.b



1. Disconnect the battery negative (-) terminal from the battery and move it to the side to prevent accidental contact during the installation.
2. Remove serpentine belt. Using an 18mm socket, release the tension on the belt and remove belt from top pulleys including the alternator, idler and air conditioner. The tensioner is located on top and immediately to the right of the alternator. You may wish to leave the belt on the other pulleys until the end so you can see the proper belt path for reinstallation. If not, there is typically a diagram sticker on the radiator support.
3. Remove the cover from the air filter box. We found this made things easier.
4. Gently remove the regulator plug from the alternator on the car using a flat-blade screwdriver. This plug will be reused, so be careful not to break the plastic clip.

4

