

## Ford Applications (and) Non-PMGR Starter to PMGR Model Upgrade

The following procedure documents in order the steps necessary to upgrade a vehicle from the non-PMGR style starter to the mini PMGR style starter.

We do not guarantee that these instructions are perfect nor guarantee the results; however the following instructions represent this same upgrade done in our shop by our 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!



NON-PMGR



MINI-PMGR

### Step 2



1. Disconnect the **NEGATIVE(-)** Battery wire from the battery.
2. Remove the existing starter wire from the starter relay and re-connect it to the opposite side post on the relay. Correctly done, the battery cable AND the Main Starter Wire will now be on the SAME post.
3. Attach the provided Red #12 (or #10) Wire lead from this kit to the now empty starter relay post where the old starter cable was just removed.
4. Route this wire along the existing starter cable and secure it with the wire ties provided. Use caution so both wires are clear of any obstructions and do not contact the exhaust or any hot or metallic surface.

### Step 3 Early Style



### Step3 Late Style



### Step 4



5. Remove the starter cable from the old starter.

6. Remove the old starter from the engine.

7. On the main starter wire it may be necessary to enlarge the old terminal's hole to 5/16" and flatten it if needed. Or remove the anti-rotational tabs if they are present so that it fits over the large B+ terminal on the new PMGR starter solenoid. (Step 9)

8. Install the new PMGR Starter onto the engine.

9. Attach the larger starter wire to the starter solenoid's B+ terminal (the larger terminal with no wires on it) using the nut included in this kit or already on the starter solenoid. DO NOT OVER TIGHTEN IT!!

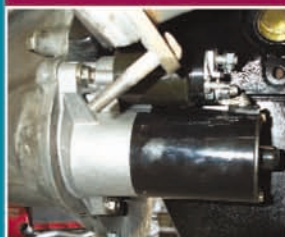
10. Attach the new Red #12 (or #10) wire lead provided in this kit to the starter solenoid's small threaded terminal. (Switch terminal) Make sure the connection is secure but DO NOT OVER TIGHTEN IT!!

*That completes the steps we took to upgrade the non-PMGR to the mini PMGR style starter.  
If you have any questions or observations you can e-mail us.*

#### Step 7



#### Step 8



#### Steps 9&10

