

Superior quality starts here...

1-800-722-2720 • 850-455-5476



The Starting & Charging Specialists



1

1 It all starts coming together here. An automated line dispenses epoxy glue on the inside of the shell; high performance magnets are bonded through an induction heating procedure. Buffer pads are then added.

2 At this induction heating station the corrosion resistant nickel-plated armature shaft, ring and silicon steel lamination stack are joined as one unit.

2



3

3 Our next stop is the powder coater. The best insulation and corrosion preventative available.

4

4 A number of steps are completed within this station. Here, the commutator is attached, a computerized armature winder adds the copper wire, and commutator clamps are crimped and silver welded. Next, the armature will go into a lathe where the commutator will be polished. Two computerized quality checks are made during this time.



5

5 The armatures are now placed on the automated assembly line. A robotic arm picks up each armature and places it into the trickle varnish "carousel." When this step is complete, the same robotic arm removes the armature and places it back on the line.



6

6 Add the brush kit, nuts, bolts, spring, end cap and drive gear. Assembly of the starter is almost complete at this phase of the line.

7 The final of many tests! Each and every starter must pass multi-level, maximum load test before being boxed. Quality assured all the way!

7





We build.



**We test.
And test.
And test.**



We ship.



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