

Type of Bulletin:

Product Change Bulletin

Date Of Bulletin:

05-14-2011

This Bulletin Superseded Bulletin(s):

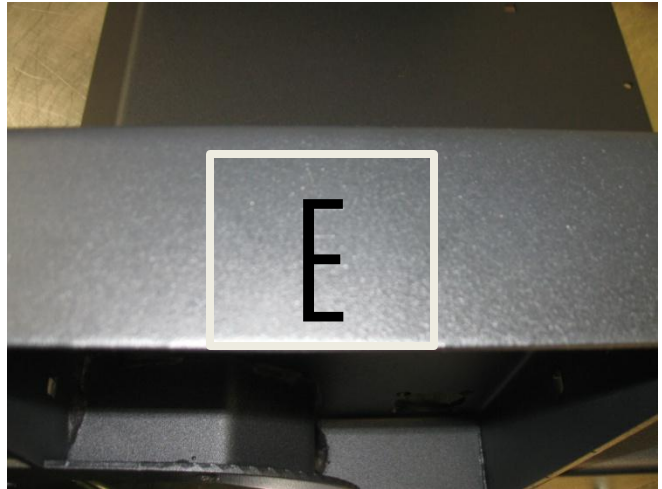
None

Models Affected:

MiniMag, Magnum, GTX, XR

Machine Symptoms:

Corrosion of parts colored yellow in pictures

**Scope of Bulletin:**

In an effort to reduce or eliminate the ugly rusting that we've seen on older machines. E-coating is a 19 step process that involves complete submersion of the part and a coating that is many times more resistant to corrosion than traditional "plating" processes. It's also an excellent primer and coats the difficult to paint laser edge of steel. Then on top of this E-coat we apply our traditional powder paint process. Same process that is required for military duty. The E-coated parts have a "E" stamped into the metal and is show in the photo above.

Electrocoating

Electrocoating is a method of painting parts immersed in a bath of water-thinned environmentally friendly paint which uses electrical current to deposit the paint film evenly on all surfaces. The process works on the principal of "Opposites Attract". An e-coat system applies a DC charge to a metal part immersed in a bath of oppositely charged paint particles. The paint particles are drawn to the metal part and paint is deposited on the part, forming an even, continuous film over every surface, in every crevice and corner, until the coating reaches the desired thickness.

Materials Required:

None

Inspection:

If the metal dose not have the "E" stamped onto the metal it is not E-coated

Correction:

Correction is not required unless the metal parts are effecting performance or you would like to change for aesthetic purposes. But the parts are direct replacements.

