

Section 5

Disassemble, Paint, and Reassemble

Procedures covered in this section:

Disassemble, prep, and paint all assemblies completed up to this point, including airframe, landing gear, engine mount, support ring, fuel system mount tube, and ground handling wheels. Reassemble after painting.

Cards used in this section:

None

Prints used in this section:

E10-2000
E13-2000

Templates used in this section:

None

Tools required for this section:

Drift punch	Sandblasting equipment
Mallet	Sandpaper
Painting equipment	Scotchbrite

Ratchet with sockets of the following sizes: 7/16", 1/2", 9/16"

Wrenches of the following sizes: 7/16", 1/2", 9/16"

Notes:

1. **PAINTING:** At this time the metal components can be bead blasted and painted with a two part epoxy paint. Powdercoat is also acceptable. We recommend the use of a lighter colored paint such as a white or light gray. This eases visual inspection of welds in the unlikely event of a crack. If you are not set up with the correct equipment or a spray booth, you may find it best to have an auto body shop do the work for you. Before painting, clean with acetone. No primer is necessary; the epoxy paint normally sticks better directly to the metal.
2. **PLATING:** Do not have the landing gear or engine mount assembly chrome plated, as these can be significantly weakened by hydrogen embrittlement caused by the chrome plating process.
3. **END CAPS:** After painting, install the plastic end caps in the landing gear steps and ground handling wheel handles.

