

Cleaning/Preparation & Paint Process for Plastic Bumper Covers & Fillers:

1. Most new bumper covers or fillers have a mold release agent applied to them during manufacturing so **you MUST wash new part thoroughly inside and out** with a hot water and PH neutral wax-free soap solution. Dawn dish detergent is commonly used for this process. Rinse well and dry with clean cloth.
2. Clean exterior surface and all edges thoroughly with plastic parts cleaner or water-base wax and grease remover, or a 1-1 mixture of isopropyl alcohol and deionized water. **Only use a water based wax & grease remover** as chemical based removers have harsh chemicals that can result in damaging the part. One other advantage to using a water based remover is it will kill the static charge resulting in a cleaner job.
3. Scuff exterior surface and all edges with a medium to fine scuff pad (as recommended by paint manufacturer, usually 400-600 grit), with sanding paste and clean water. Repeat wash sequence, rinse well and dry with clean towels.
4. Examine the bumper closely, especially hard to reach areas. Re-scuff any areas that do not appear to have been scuffed sufficiently. Repeat wash/rinse/dry sequence.
5. Make final surface inspection and clean with paint manufacturer recommended cleaner or a 1-1 mixture of isopropyl alcohol and deionized water. Again water based cleaners are the best option.
6. Failure to properly wash and prep the surface for paint will result in the paint not adhering properly to the surface causing bubbles or the paint will flake off!
7. Apply anti-static measures.
8. Apply adhesion promoter per paint manufacturer's recommendations.
9. Apply primer and topcoats, per paint manufacturer's recommendations.

Note: You must use an adhesion promoter & flex adhesive such as Elastifier in your primer, basecoat and clearcoat on all raw plastic bumpers to ensure adhesion, flexibility, and long-term durability of the topcoats.