

## Supplemental Information & Instructions for

**221-505 RaggTopp™ Cleaner Vinyl or Fabric Tops**  
**221-510 RaggTopp™ Protectant Fabric Tops**  
**221-515 RaggTopp™ Protectant Vinyl Tops**

### ***About these products...***

HAARTZ is the world's largest manufacturer of convertible topping material. They started in the 1920's, and remain an OEM supplier to virtually every automobile manufacturer in the world. The RaggTopp™ cleaner is the only product they recommend for cleaning their vinyl and fabric tops.

### ***Why do I need it?***

Convertible tops are exposed to acid rain, UV rays, smog, gasoline fumes, diesel exhaust, insect droppings, tree sap, bird droppings, salt, tar, dirt and grit. Acid rain and the sun generally cause the most damage. Keeping the convertible top clean through regular washings BEFORE it gets really dirty will extend the life and keep your convertible top looking its best. Regular cleaning also makes the job easier- there is simply less work to do.

### ***What does it do?***

The RaggTopp™ cleaner is formulated to work equally well on vinyl or fabric top material. It can be used to clean tops, tonneaus, and top boots. RaggTopp Cleaner obviously will remove soil and most stains, but it also leaves the fabric resistant to dirt and grease. It also will retard the growth of mildew.

### ***Mildew?***

The top or tonneau fabric by itself does not promote mildew growth, but dirty fabric and a warm, humid, dark environment will lead to mildew. Keeping the top clean and letting it dry thoroughly before folding it will help keep it mildew free.

### ***Does it contain bleach?***

No, but it can be mixed with dilute bleach solutions to clean stubborn stains. There are anti-oxidants, and the solution is somewhat acidic, but at a very low level. It leaves NO residue. The cleaner is environmentally friendly and biodegradable.

### ***What about the paint and chrome?***

RaggTopp cleaner will not harm automotive finishes, chrome, rubber, glass, or plastic windows.

### ***Cleaning the Top***

Most owners of convertibles already know that bird droppings, tree sap and any loose dirt should be removed immediately. Vacuum the top with a brush attachment first, then rinse thoroughly with water to remove loose particles of soil. If you wait, the acid in the bird droppings can cause localized damage that you can't really repair. This kind of "light" cleaning should be done on an as needed basis- you be the judge.

Depending on how much you drive the car with the top up, consider doing a thorough cleaning every 2 to 3 months. Start by picking a shady spot with good drainage out of direct sunlight. Vacuum the top with a brush attachment first, then rinse thoroughly with water to remove loose particles of soil. Use a brush gently to help dislodge any dirt you can see. Do it by hand. DO NOT USE DETERGENT. The pre-cleaning will help keep the dirt from being trapped in the seams or otherwise redistributed on the top.



## 47 **Cleaning the Vinyl Window**

48 The vinyl window needs special attention. It is a special soft form of clear vinyl and it is easily scratched. It  
49 also will age if exposed to direct sunlight, finally turning a particularly unattractive shade of yellow-brown  
50 that is impossible to see through. As with the top, rinse it off first with cool water. Resist the temptation to  
51 use your finger to rub a spot of dirt on the window; think of you finger and the dirt to be just like sand  
52 paper. Unlike the top fabric, it is suggested that you use a dilute solution of a very mild natural soap in  
53 bucket of cool water. Wash the vinyl window with a completely clean soft cotton cloth, and immediately  
54 rinse with cool water. Before cleaning the inside surface of the window, decide if the dirt is serious  
55 enough to warrant removing the top entirely (if possible) so you can rinse it with a hose first. Use the  
56 bucket of water with the mild natural soap and a soft clean cotton cloth to wash the inside surface of the  
57 window. Dry your vinyl window with a clean, dry, microfiber cloth or synthetic chamois. **DO NOT USE**  
58 **PAPER TOWELS.**

## 59 **Applying the RaggTopp™ cleaner**

60 Once the material has been rinsed thoroughly, spray the cleaner evenly over the entire surface while still  
61 wet. Allow the cleaner to soak for 10 to 20 minutes and then scrub to top material (not the window!) lightly  
62 with a soft nylon brush or terry cloth rag. Rinse thoroughly, preferably until no remaining soap foam is  
63 observed. Determine the need for additional cleanings after the fabric has dried completely; you may not  
64 see the spots when it is wet. Repeat as necessary.  
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66 For more stubborn cases, mix a solution of **no more than 1/2 cup (4oz.)** of household bleach and 1/4  
67 cup (2oz.) RaggTopp™ cleaner per gallon of water, soak for approximately 20 minutes and scrub lightly  
68 as indicated above. **Note: Excessive soaking with the bleach solution can deteriorate seam threads.**  
69 Rinse thoroughly with water to prevent streaking of painted and chrome surfaces. Repeat as needed.

## 70 **Applying the RaggTopp™ Protectant**

71 Once dry, treat the top with RaggTopp™ Protectant (221-510 for fabric tops, 221-515 for vinyl material).  
72 Shake well before use, and several times during the application. Hold the can upright, about 16-18 inches  
73 away from the material. Spray light even coats using a sweeping motion. DO not saturate the material.  
74 Allow to dry at least 10 minutes (warm day) between coats. Wipe off any excess or overspray with a clean  
75 towel. There are no CFCs in the propellant.  
76

77 The protectant is a critical follow-up step to the cleaning. It will make the top material water repellant and  
78 very resistant to soil and stains, as well as providing excellent UV protection. It will make your top look its  
79 best, if not like new. One of the side benefits of using the protectant is the UV resistance it provides for  
80 the vinyl window. The difference is in the ingredients. According to Rick Goldstein, CEO of Wolfsteins, the  
81 manufacturer) RaggTopp vinyl protectant uses a patented micro-bonding formula containing "Tinuvin"  
82 from Ciba, a family of chemicals specifically developed to protect against UV. The protectant is a solution  
83 of these UV absorbing solids in a liquid base. Compare to other products designed to perform the same  
84 job, RaggTopp™ Protectant has **10 times** more solids, which explains why it is so effective.  
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88 *Although every effort has been made to ensure the accuracy and clarity of this information, errors and/or*  
89 *omissions on our part are almost inevitable. Any suggestions that you may have that will improve the*  
90 *information (especially detailed installation notes) are welcome. Please use the simple email form on the*  
**"Contact Us"** *page on the Moss website: <http://www.mossmotors.com/AboutMoss/ContactUs.aspx>*  
*If you prefer, you may call our Technical Services Department at 805-681-3411. So many people call us for*  
*help that we are often not able to answer the calls as fast as we'd like, and you may be asked to leave a*  
*message. We apologize in advance for the inconvenience. We will get back to you within 2 business days.*



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