

Patch / Base Application Note

- high Strength Patch application is easy if done correctly
- Clean down to the plastic and buff surface to be mounted
- Use optional 3M Adhesion Promoter (if appropriate for application)
- Visually position base before peeling adhesive strip covers
- Peel adhesive strip covers and place patch in position
- Press down for permanent bond
- Full use is possible immediately
- You will need sandpaper, steel wool and isopropyl alcohol for surface preparation
- 2 Year Materials and Workmanship Warranty!

Rudy's Keeper products use 3M brand VHB adhesive tapes and 3M brand Adhesion Promoters to achieve permanent and super strong attachments to your plastics and other surfaces for which this tape is intended. Commonly this will be ABS plastics as well as others. Please see the 3M site for adhesion specifics for their VHB tapes to determine the suitability of purpose for your needs. Many small light weight parts and surfaces do not need the addition of the Adhesion Promoter step but it can be used for any application if desired.

The VHB tape we use is rated at 140 lb tensile strength and depends on contact with as much surface area as possible. The Adhesion Promoter simply increases this contact area by filling in porous surface substrates for more contact than might be possible without it.

Installation:

Warning: Successful adhesion is critical. Failure to follow these steps for preparation of the surface to adhere to the special adhesive patch could be cause for failure of the adhesive bond and therefore, possible loss of the part being held. This adhesive is rated at 140 lbs tensile strength and installed temps of -40F to 200F but ONLY if it is installed properly and within the ambient temperature range of 60* F – 80* F. We are not responsible for adhesion failure due to improper preparation procedures. DO NOT touch the tape surface or the cleaned contact location with your fingers! Anywhere you do touch the tape or cleaned contact area will reduce your effective contact surface by that much.

Please follow the instructions, below...

1. Gain access to the mounting surface of the panel needing attachment. The base must be attached directly to the plastic of the part being patched since paint and other surfaces are not strong enough to hold their bond under stress.
2. If the surface being attached is bare ABS plastic you can simply wipe the area down with a lint free towel saturated with isopropyl alcohol and allow to dry.
3. If the surface is painted or dirty with oil or other coatings, clean the inner wall with a paper towel and isopropyl alcohol after sanding and steel wooling any coatings from the plastic surface being repaired. The plastic surface must be smooth. Let the alcohol dry completely.

Continued next page...

4. If using the 3M Adhesion Promoter packet, do not allow the contents of the package to touch your skin. Tear the packet where marked and use the sponge like a paint brush to apply a thin coating to the surface needed. Do not over apply. Packet is a use-at-once and dispose product and cannot be saved once opened. There is enough in one packet to do all 6 patch locations if they are all prepared in advance when the packet is opened. Allow the liquid to dry 10 minutes before applying a Quick Patch to it. The fluid in the packet is flammable. Please read the packet for directions and warnings provided by 3M.
5. Before adhering your patch or base in place, leave the tape covers on and visually place the part where it will be set permanently in the next step. Make sure it is where you want it to be and that the base reasonably conforms to the surface it is being attached to.
6. Remove the VHB tape adhesive covers and mount the base to the area needing support where it was cleaned without touching either the tape surface or the prepared landing zone.. You can immediately use the system once the base is attached. You may stack or stagger patches on top of each other for additional strength if the secondary surface being attached to has been cleaned of all oil and debris using isopropyl alcohol as described above. You only get one chance to place the patch so make sure you place it where you want it the first time and that the surface is relatively flat for maximum contact.
7. Unused patches and bases may be stored in a cool dry place for up to one year.

For an approved visual guide for surface preparation and mounting, we recommend reviewing the following address on the web: <http://www.goldwingdocs.com/forum/viewtopic.php?f=11&t=1112>

A shortened address for this is: <http://tinyurl.com/2b4j4ph>

We have done our best to make this information as complete, reliable and easy to install as possible for you.

Please contact us about any questions or problems you may have with your ABS Patch / Base application installation or operation at support@thefarend.com Any comments or suggestions are always welcome.

Thank you for purchasing Rudy's kits.