

Aquaglide

PLATINUM

Performance

Repair Instructions

WORK SPACE AND TOOLS

1. Take care to position yourself in a clean, dry area with good ventilation. For proper curing of adhesives temperature should remain above 50 degrees F. In most cases you will need enough room to inflate the product.
2. Repair Kit Contents: Tear-Aid™ Patch material, PVC Patch material, CotoI™ Cleaner, 120 Grit sandpaper, PVC Glue, Shop towel, China marker, Instructions.
3. Additional items that MAY be needed: Air pump, Sharp scissors and/ or razor knife, Dish washing liquid, water, small bowl or spray bottle, Rubbing alcohol.

LOCATE LEAK(S)

1. If there is a problem with air leaks, you will need to locate the leak(s) first.
2. Inflate your Aquaglide Platinum™ product fully. Some small leaks can close themselves at lower air pressures, so it is best to maintain full pressure by re-inflating periodically while checking for leaks.
3. Use a soapy water solution (50%/ 50% dish soap & water) and a cloth to check for leaks. Work slowly around the product spraying or swabbing-on soapy water solution. Look for growing bubbles, which indicate a leak.
4. Once a leak is confirmed, dry the area well and prepare to patch.

PATCHING

**** IMPORTANT:** leaks must be patched with the item completely deflated, and patches **MUST** be allowed to cure for the time required by the patch manufacturer. Typically 12 hours minimum, 24 hours ideally.

OPTION 1: Tear-Aid. This material is very easy to apply and creates a strong, nearly permanent patch for small leaks.

1. **DEFLATE** your Aquaglide Platinum™ product **completely**.
2. Patches should be cut from Tear-Aid™ material using sharp scissors. For best results, patches should have rounded edges, and should cover 1" (2.5cm) outside the leak area in all directions.
3. Cut and dry-fit your patch making sure that it will cover the leak as described above.
4. Next, use Rubbing alcohol and a clean cloth to clean the patch area. Dry with a clean cloth or allow to air-dry.
5. Carefully peel back one corner of the paper backing to expose a section of adhesive. Align the patch and apply pressure to stick in place.

6. Carefully peel back the remaining paper backing material in such a way as to avoid trapping any air bubbles or wrinkles under the patch. Rub firmly from the center toward the outer edges of the patch, making sure to press all sections firmly in place.

7. **IMPORTANT:** For full strength, Tear-Aid™ patches must be allowed to cure for 24 hrs. before inflating. During this time a chemical bond is established between the patch and the underlying material.

OPTION 2: Reinforced PVC Patch with high-grade adhesive.

Using patch material similar to the original material is the best way to ensure the strength and durability of your Aquaglide Platinum™ product.

1. **DEFLATE** your Aquaglide Platinum™ product **completely**.
2. Carefully cut PVC patch material to size using sharp scissors or razor knife.
 - a. Ideally you want to have at least 1-2" IN ALL DIRECTIONS around any air leak. This means a minimum patch size of 2" x 2" for a pinhole leak. The larger, the better.
 - b. Square patches with rounded corners are usually best, as this reduces the risk of peeling.
3. Dry-fit the patch over the area to be repaired to ensure good fit and coverage.
4. Use a clean 120 grit sand paper to rough up the surface to be patched AND ALSO the back of the patch material.
5. Use CotoI™ (provided), and a fresh cloth to clean the sanded areas, removing all debris. ****Before use, shake CotoI™ vigorously for 1-2 minutes until solvent is completely clear.**
6. Dry-fit the patch again and use china marker (provided) to carefully outline where the patch will be located.
7. Next, use the glue (provided). Try to work neatly and quickly.
 - a. Apply a thin, even layer of glue to the repair area making sure to cover the area completely. Stay **INSIDE** the china marker outline.
 - b. Apply a thin, even layer of glue to the to the back of the patch making sure to cover the area completely.
 - c. Allow glue to cure for approximately 60 seconds.
 - d. Starting at one corner, carefully align the patch over the repair area using the china marker outline as a guide. Once the 2 surfaces touch, the bond will be immediate, so take care.
 - e. Starting at one corner and working outward, carefully apply the patch to the repair area using very firm pressure.
 - f. Rub the entire patch area and the edges of the patch using very firm pressure.
 - g. Allow to cure for at least 12 hours before inflating.