

GLUEMAX Mini Dent Lifter

Operating Manual | Model DF-GM600SP

Page 1 of 2

The GLUEMAX Mini Dent Lifter is a professional glue pull tool built for the finishing stage of paintless dent repair on steel and aluminum panels. Read this manual completely before first use and keep it with the tool.

SAFETY FIRST

- Always wear safety glasses while gluing, pulling, and releasing tabs.
- Hot glue and glue guns cause burns. Handle the gun and fresh glue with care.
- Keep fingers clear of the head, shaft, and locking collar while pulling and releasing.
- Isopropyl alcohol is flammable. Use it with good ventilation and away from open flame.
- Identify the panel material and check the vehicle maker's repair information before you begin.

Know Your Tool

- **Head with built-in tab lock:** secures the tab to the lifter during the pull.
- **Shaft and spring:** tuned resistance for controlled, low-fatigue pulls.
- **Locking collar:** spins down the shaft to hold the pull at the tension you set.
- **Body:** multi-axis articulation adapts to difficult repair locations.

Specifications

Model	DF-GM600SP
Weight	2 lbs
Size at rest	9" H x 9" W x 3.5" D
Height at full pull	9.5"
Pull travel	Approx. 0.5"
Panels	Steel and aluminum

Operation

STEP 1 Prepare the Surface

- Wipe the repair area and the face of the tab with 99% isopropyl alcohol. Lower concentrations clean less thoroughly.
- If the panel has transfer marks or residue, polish the area first, then wipe again with alcohol.
- Do not use petroleum-based cleaners on the panel or tabs. They leave a film that weakens the bond.
- Glue bonds best when the panel is between 75 and 90°F. Warming the pull area to about 120°F removes moisture from the surface and helps the glue grab.

STEP 2 Glue and Place the Tab

- Heat the glue gun to the temperature recommended for your glue, usually 350 to 390°F. A light vapor as the glue leaves the nozzle is normal. If the glue bubbles, the gun is running too hot.
- Pick a tab that sits fully inside the shoulders of the dent. A tab that reaches past the shoulders will lift metal that should stay put.
- Cover the entire face of the tab with glue, then seat the tab at the center of the low. Set it into the glue gently. Pressing too hard squeezes the glue out from under the tab.
- Wait for the glue to cool into the pulling window: below 90°F but not under 75°F. Warm glue is soft and stretches. Cold glue is brittle and can crack loose.

STEP 3 Pull and Hold

- Fit the tab into the head and engage the built-in tab lock.
- Articulate the GLUEMAX to the best working angle. Rest the body on the crown or beyond, never inside the low.
- Pull with smooth, steady pressure until you reach the tension you want.
- With your other hand, spin the locking collar down the shaft until it seats against the top of the body. The pull now holds on its own.

GLUEMAX Mini Dent Lifter

Operating Manual | Model DF-GM600SP

Page 2 of 2

- With the pull held, tap down the surrounding high spots with a blending hammer such as the Dent Fix Blending Hammer 4 PC Set (DF-BHSET), or step back and check the panel from another angle.
- Keep alternating between pulling and blending as long as the metal continues to move.

STEP 4 Release and Clean Up

- Spin the locking collar back up the shaft to release the tension.
- Apply isopropyl alcohol around the edge of the tab to free it. Never tear a tab off the panel.
- Lift off any leftover glue with alcohol and a plastic scraper.
- Check the repair. If the area needs more work, start again at Step 1.

Temperature Quick Reference

Item	Target	Why it matters
Glue gun	350 to 390°F	Fully melts the glue so it can bond. Follow your glue maker's setting.
Panel working range	75 to 90°F	Glue adheres poorly to a cold or overheated panel.
Pre-warm pull area	About 120°F	Drives off surface moisture before gluing.
Glue at time of pull	75 to 90°F	Too warm is gummy. Too cold is brittle.

Troubleshooting

Problem	Likely cause	Fix
Glue lets go cleanly from the panel	Contaminated or cold surface	Clean again with 99% isopropyl alcohol and warm the area.
Glue stretches or strings during the pull	Pulled before the glue cooled	Wait until the glue drops below 90°F.
Glue cracks or pops loose	Glue or panel too cold, or gun not hot enough	Warm the panel and confirm the glue gun temperature.
Glue bubbles from the gun	Gun set too hot	Lower the temperature setting.
Metal stops moving	Highs are holding the low in place	Hold the pull and tap down the surrounding highs, then pull again.

Care and Storage

- Wipe glue residue from the head and tab lock with isopropyl alcohol after each use.
- Check that the tab lock and locking collar move freely before each job.
- Store the lifter clean and dry in its retail box.

Questions? Contact Dent Fix Equipment at info@dentfix.com or 310-349-1940, or visit dentfix.com.