



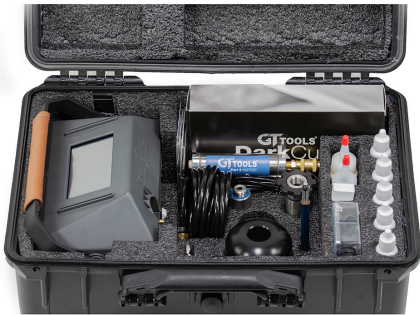
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The Wizard Smart Windshield Repair System

Congratulations on your purchase of the most advanced windshield repair system ever. Your Wizard has been packaged and tested prior to shipping and is ready to be your new workhorse. Please inspect the tool case and contents for any potential damage during shipping. Although the items are packaged extremely well for a journey around the world, we want to make sure everything arrived safe and sound.

Prior to operation please take the time to completely review this operations manual and visit the product detail page for the Wizard at gtglass.com for a full list of supporting documents. As always, if something isn't quit right or you have any questions that need answered please contact us for immediate assistance.

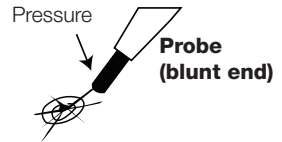


Your Wizard System ships complete with enough supplies for 400-500 repairs. Below is a list of Wizard System contents along with the associated Part warranties for each part included in the kit. If you are missing any parts, please let us know.

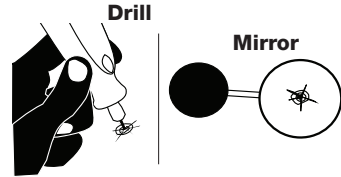
Wizard™ Smart Windshield Repair System Contents

Qty	Part Number	Part Description	Part-Specific Warranty
1	*WIZMACH	Wizard Machine	3 Years
1	WIZIA	Wizard Injector Assembly	Lifetime
1	VBRG	Vanish UV Curing Bridge	3 Years
1	WIZIQC	Wizard Injector Quick Connect Assembly	Lifetime
1	CDRL	Cordless Dremel Drill	2 Years
1	LMP-DARKCURE	DARKCURE Extreme UV Rechargeable UV Curing System	3 Years
1	PRB	Carbide Probe	Lifetime
1	RZR	Razor Blades10 Pack	Manufacturers Defects
1	PITT	Pit Tape	Manufacturers Defects
1	PITSQ	Pit Squares 25 Pack	Manufacturers Defects
1	SCL	Suction Cup Lube	Manufacturers Defects
1	PITG	Pit Gloss	Manufacturers Defects
2	DBM	Medium Drill Bits 5 Pack	Manufacturers Defects
1	MIR-2	Magnifying Mirror 2 Inch	3 Years
1	SKB	Seal Box	Manufacturers Defects
2	VIS	Vanish Injector Seals 5 Pack	Manufacturers Defects
2	WIZQCS	Wizard Quick Connect Seal Each	Manufacturers Defects
2	VFS	Vanish Friction Seal 2 Pack	Manufacturers Defects
1	WIZCHGR	Wizard 16.8V Charger	3 Years
2	CJ	Crack Jacks	Lifetime
1	NC	Needle Caps	Manufacturers Defects
1	AH	Air Hose	Lifetime
1	RLVAF-15	Low Viscosity Resin 15cc	Manufacturers Defects
1	RMVAF-15	Medium Viscosity Resin 15cc	Manufacturers Defects
1	RHVAF-15	High Viscosity Resin 15cc	Manufacturers Defects
1	RCRAF-15	Long Crack Repair Resin 15cc	Manufacturers Defects
1	RPF-15	High Viscosity Pit Filler 15cc	Manufacturers Defects
1	FP	Fender Protector	3 Years
1	SH	Slide Hammer	Lifetime
1	VCHGR	Vanish USB Charger	3 Years
1	VUSB	Vanish USB Charging Cable	3 Years
1	TCS-SM	Small Tech Case	Manufacturers Defects
1	CFOAM-WIZLID	CUSTOM Wizard Lid Foam	Manufacturers Defects
1	CFOAM-WIZ	Wizard Case Foam	Manufacturers Defects
1	MANUAL	Instruction Manual/ Training Link/ Catalog	NOT APPLICABLE

Step 1 Examine the break & prep the glass. Ideal glass temp should be 35°F to 85°F. Test break stability by applying small amount of pressure with probe around the break.



Step 2 Clean loose debris with probe point. If impact point can't be felt, drill to create an opening. Many breaks will not need to be drilled. Attach mirror to inside of glass.



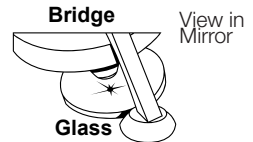
Step 3 Place a small amount of suction cup lube on each cup of the Vanish Bridge. Place bridge on the glass, pressing down until suction cups are fully depressed, centering over the break.



Step 4 Insert Injector body into bridge, lining up helix vertical groove with line on bridge. Give injector body a quarter turn to seat seal.



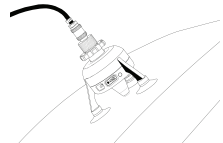
Step 5 Use mirror to adjust horizontal alignment, moving the bridge to ensure a good seal is centered on the break.



Step 6 Apply 5 drops of Diamond Clear™ Resin into the injector body. Check GT Tools® Catalog for proper resin choice.

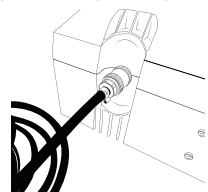


Step 7 If outdoors, place a UV Sunshade (GT Tools® Part# SS) over the Repair Area.



Step 8 Screw on the quick connect adapter to the top of the injector body.

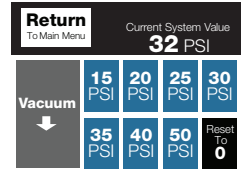
Step 9 Connect the hose to the Wizard Machine and then to the top of the quick connect adapter.




Step 10 Turn on the Wizard machine. Select the automatic or manual function.

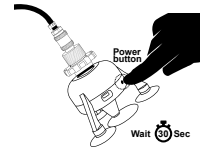
Automatic function has a “Quick” or “Full” cycle. “Quick” (~8 min) is used for less complex breaks, “Full” (~15 min) is used for more complex breaks.

Manual functions allow the user to operate the Wizard in flexible vacuum and pressure cycles. We recommend starting on vacuum for 1 minute, followed by pressure @ 30psi for 2 minutes. Cycle between vacuum and pressure, increasing pressure by 5 psi on each cycle until the repair has been filled completely with resin.

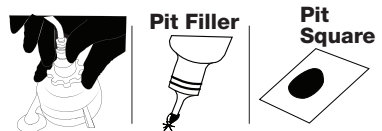


Repeat:  Vacuum  Pressure

Step 11 During final Pressure Cycle in “Manual Mode” or when the Program is complete in “Automatic Mode”, Press Power Button on side of Vanish Bridge to turn on UV curing cycle. Wait 30 seconds for cure to finish.



Step 12 When operating in Manual function, press “reset to zero” or in Automatic function press “exhaust pressure and return to the main menu”. Disconnect the air hose from the injector quick connect and remove Injector Body from Bridge. Apply small bead of PF Pit Filler above the pit on glass. Cover Pit Filler bead with Pit Square.



Step 15 Press Power Button on Vanish Bridge to cure the pit area



Step 16 Remove Bridge & Pit Square. Scrape clean razor blade (held perpendicular to glass) vigorously back & forth until only a small circle of pit filler remains.



Step 17 Apply small bead of Pit Gloss to the pit. Polish with paper towel or cork until glossy finish achieved. Clean the glass inside and out. Clean ALL injector components with isopropyl alcohol at the end of each day. **DONE!**



CLEAN EVERYTHING

Wizard Machine Specifications

Specifications	
Battery Type	Lithium Ion
Battery Capacity	14.8V 5200 mAh - 76.96W
Charging Type	DC 16.8V - 2A
Machine Weight	4.25 LBS
Machine Size	Length 9.5" x Width 5.5" x Hidth 5.5"

LED Operating Screen



Male Air Quick Connect

On/Off Switch

USB Data Port

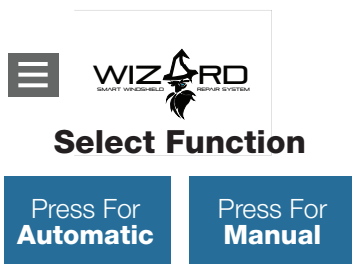
DC Charging Port



Wizard LED Menu Functions

Main Menu

Main Menu used upon machine start-up to access the System Menu or to start a automatic or manual windshield repair.



System Menu

From the system menu users can change language functions, run system diagnostics, update firmware or obtain contact details.



Automatic Function

The Wizard has two automatic windshield repair functions that allow for an automatic repair procedure. Users have two options in automatic mode to choose.



Automatic Full Cycle

Automatic Full Cycle utilizes varying amounts of vacuum and pressure over the course of 15 minutes to achieve a filled repair. Used for complex breaks.



Automatic Quick Cycle

Automatic Quick Cycle utilizes a varying amount of vacuum and pressure over the course of 8 minutes to achieve a filled repair. Used for simple breaks.



Manual Function

The Wizard has a manual windshield repair function that allow the technician to select varying amounts of vacuum and pressure during the repair.



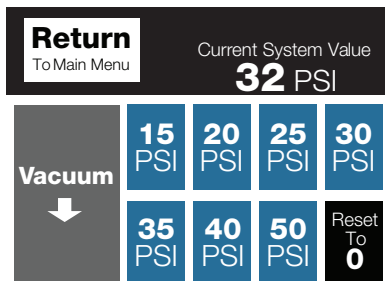
Return Function

Return to Main Menu allows the user to interrupt any process within the user interface to be directed back to the main menu.



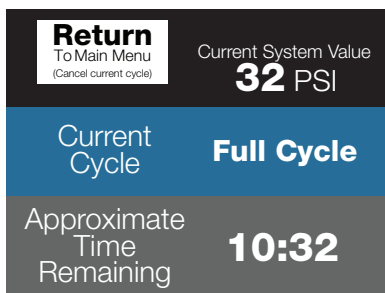
Manual Function Menu

The manual menu provides varying pressure levels from 15-50 psi in addition to vacuum and reset functions. The System will also show the current Pressure Value input during the repair.



Automatic Function Menu

The Wizard automatic menu shows the approximate repair time remaining, the type of cycle (full cycle or quick cycle) and the current pressure value input during the repair.



Automatic Function Finished Menu

When an automatic function is complete, the user can return to the main menu or proceed to a manual mode function to finish the repair.



Error Menu

The error menu is an automatic diagnostic function that pops up to communicate a loss in pressure and vacuum sustainability throughout the repair process for both manual and automatic modes. Users can opt to check connections manually and restart cycle or run an auto diagnostic 4 step test.

Self Diagnostic Test Menu

The Self-diagnostic test will prompt the user move through up to 4 steps to diagnose and isolate the root cause of any loss of vacuum or pressure.

Firmware Update


GT Tools may release periodic updates to the Wizard Firmware in the future. Depending on the reason for the update, these may be sold or mailed to you at GT Tools' cost. Updates are made using the following process:

1. Acquire a Firmware update USB drive from GT Tools
2. Turn on the Wizard Machine and insert USB drive into USB data port.
3. From the System Menu select > Firmware > Press to Update Firmware
4. A Progress Bar will show update status followed by a system reboot.
5. The new Firmware version can be seen under System Menu > Firmware > Current Firmware Version

Firmware RESET

If you're experiencing problems with your Wizard please contact GT Tools for technical assistance in a factory firmware reset.

Return
To Main Menu
(Cancel Test)



Error: System unable to sustain vacuum or pressure.

Check Connections Manually. When Complete, Click here to Restart Cycle.


Not comfortable checking the system yourself?
Run Diagnostic Test.
Click here to run directed diagnostic cycle.

Wizard™ 100%

Self-Diagnostic Test

Step 1 → Step 2 → Step 3 → Step 4

System Check for Internal Leaks



Connect "WIZARD" assembly to quick-connect port on back of Wizard machine

then

Press Here
To Run Test Cycle

Press here to Exhaust Pressure and **Return to Main Menu**

System Menu

1. **Language** Select New Language
2. **Test** Run Manual Diagnostic Test
3. **Firmware** Check Version or Update
2. **Contact** GT Tools

Firmware

Current Firmware Version
GT Tools Wizard v1.01

Press to Update or Reset Firmware
Contact GT Tools for Password

Maintenance

- Always store the Wizard in GT Tools insulated foam and injected molded case in a controlled environment between 50-85 degrees F.
- Never leave Wizard machine exposed in direct sunlight for extended periods of time.
- Never allow machine to be exposed to water or other elements related to moisture
- Always turn the Wizard off when not in use
- Never open the Wizard Machine as this will void all warranties on the parts.**
- Clean the machine surface with a microfiber towel occasionally
- Always keep the screen display clean from dirt and contaminants, clean the screen with a microfiber towel
- Always use GT Tools charging hardware
- All service to be done by GT Tools using OEM parts