



motoalliance

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Evolution Glass Windshield Drilling Kit

WP_Glass

Disclaimer: Read all instructions before proceeding. MotoAlliance is not responsible for a cracked windshield

MotoAlliance
WP_Glass Universal Glass Windshield Drilling Kit



Please verify that all hardware and parts are included in your package.

Item Number	Description	Quantity
1	Glass Cutting Drill Bits (3mm, 4mm,6mm,8mm,10mm)	1
2	Plumber Putty	1
3	Small waterproof washer	2
4	Large waterproof washer	2
5	7"x7" Laminated Glass Practice Panel	1
6	Instructions	1

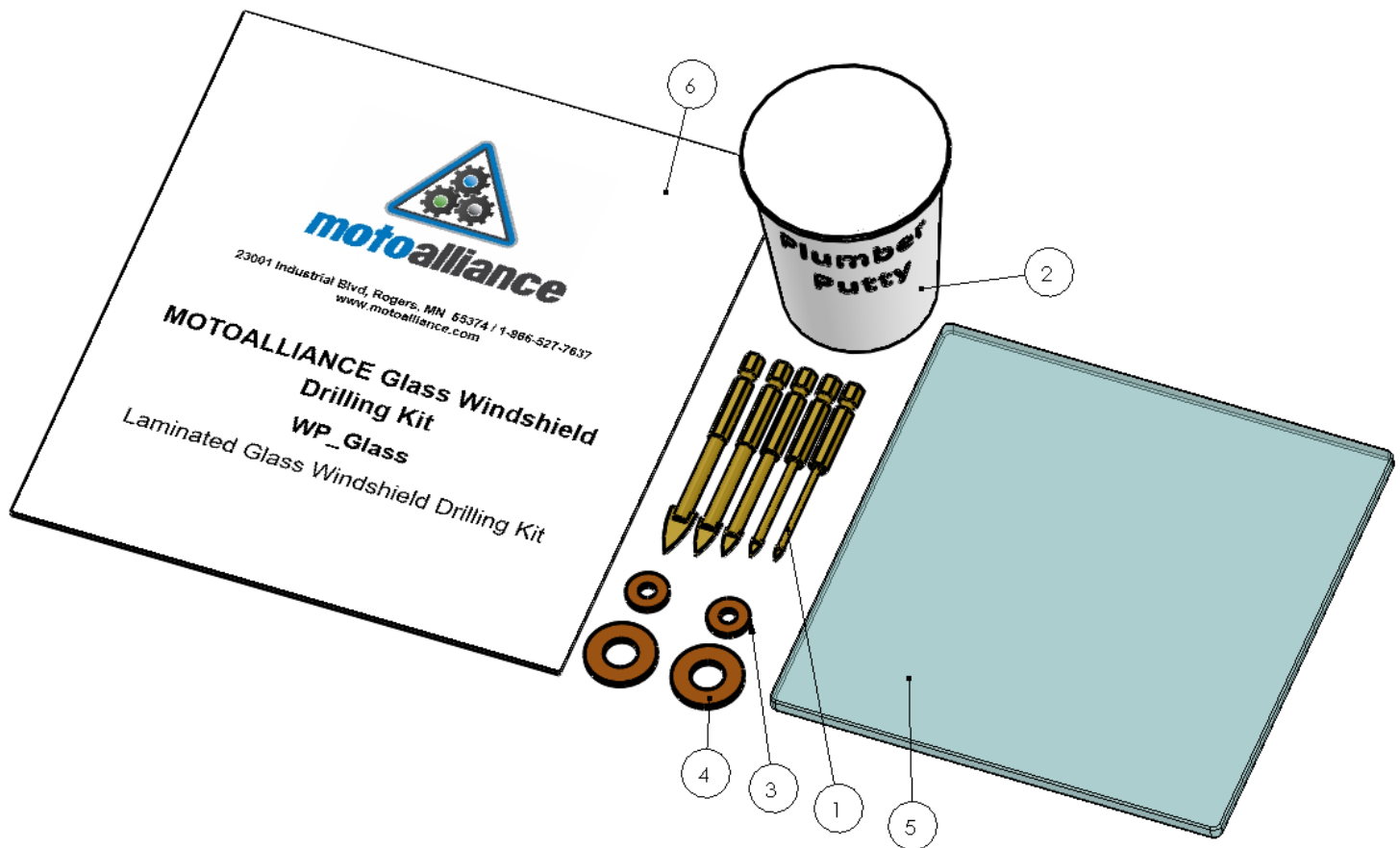


Figure 1

Glass Cutting Technique

Safety Note: Always wear protective eyewear and gloves when cutting glass.

A video tutorial can be found on the MotoAlliance Technical Support Youtube Channel (MotoAllianceTech).

Video Tutorial: <https://www.youtube.com/watch?v=RzGG1uMHnRg>

Installation Tip: Make 5-10 practice holes in the included 7" x 7" laminated glass panels before cutting into the windshield.

1. Position the 7"x7" panel of laminated glass on two pieces of wood so that the panel is raised off the work surface and there is a clear path between the wood risers for a drill bit to pass through. **Note: glass cutting requires water as a lubricant and will create very fine dust, position the work surface in an area that can get wet and will capture the fine glass dust.**
2. Using a permanent marker, place a mark at the desired hole location.
3. Roll a golf ball sized clump of plumber putty into approximately a 10" strip.
4. Make an oval shape out of the plumber putty and position it around the mark on the 7" glass panel so that the ends of the oval are connected and pressed together, forming a wall.
5. Use a cup of water to fill the oval up to the lip.
6. Use the 3mm drill bit to create a pilot hole. Insert the bit into a drill and position the tip over the mark made earlier. **Important Note: DO NOT press down on the drill. The weight of the drill is sufficient to create the hole. Downward pressure increases the chance of cracking significantly.**
7. The first 3mm hole may take 1-3 minutes depending on the thickness of glass. Be patient and do not add pressure. A white film will appear in the water as the glass is cut. If for any reason the water escapes the oval, replenish it.
8. As the 3mm bit pierces the glass be mindful of the moment when the bit passes through the glass as the drill will follow through and could hit the glass.
9. Remove the 3mm drill bit and replace it with the 6mm bit.
10. Position the bit over the pilot hole.
11. Before drilling, begin pouring water slowly into the oval. Continue pouring water at a rate that keeps the oval flooded as the water will simultaneously drain through the pilot hole.
12. Begin drilling with the 6mm bit. DO NOT add pressure.
13. Once complete, increase to the 8mm bit, and then to the 10mm bit.
14. Repeat 5-10 times to gain experience and feel.
15. Refer to the Windshield Wiper Installation guide included with the kit for Wiper installation.