

DUOBOND®

DART



INSTRUCTION MANUAL DART

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INSTRUCTION MANUAL FOR WINDSHIELD REPAIR WITH DART

Turn the plunger counter clockwise = vacuum until it is completely out of the thread.

Increase the vacuum even more by pulling out the plunger to position 1 or 2 for even more vacuum.

To fix the plunger, turn the plunger a quart turn and DART is under vacuum.



Place the inspection mirror on the inside of the windshield behind the impact.
Remove any moisture and dirt from the impact by using Prep-Clean.

Bring the DART plunger forward by turning it clockwise until a small space is created in the injector.



Apply two to three drops of UV resin and turn DART into the sputnik head.



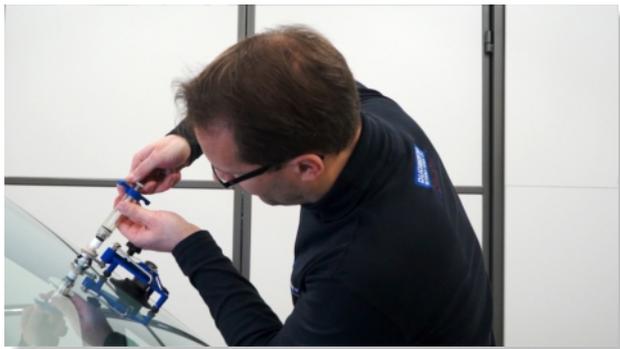
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Apply a small amount of rubber gel (8407-J or -S) to the suction cup and place the positioner above the impact. Now press the suction cup to secure it.

Turn the injector until the rubber of the injector gives a light imprint on the glass.



Turn the plunger counter clockwise until it is completely out of the thread. Increase the vacuum even more by pulling out the plunger to position 1 or 2 for even more vacuum.



To fix the plunger, turn the plunger a quart turn and DART is under vacuum.

The present air is now being sucked out of the UV resin by DART and in this way makes room for the UV resin to fillup this space.



VACUUM



PRESSURE

Turn the plunger a quart turn and the vacuum is interrupted to immediately apply a slight pressure again.

Repeat this process with short pauses in between to remove all air out of the UV resin.

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If no more air is detected in the impact under atmospheric pressure, DART can be released from the glass, the remaining UV resin now runs over the point of impact.

Remove any excess UV-Resin and etch the impact with Prep Clean.

Cure the UV resin with a Duobond UV (LED) lamp.

To finish, use Impact filler to seal the damage area and cover it with a clean finishing sheet. Cure with a Duobond UV (LED) lamp.

Piece of advice:

- * **If the plunger turns heavy: loosen the blue knob, pull the piston outwards, add a little oil to the o-ring, or a little oil on a finger, rub it in the plastic housing.**
- * **All parts are available separately.**
- * **In the unlikely event that UV resin is sucked into the container, dismantle DART and rinse under warm water.**



scan here for the DART video