

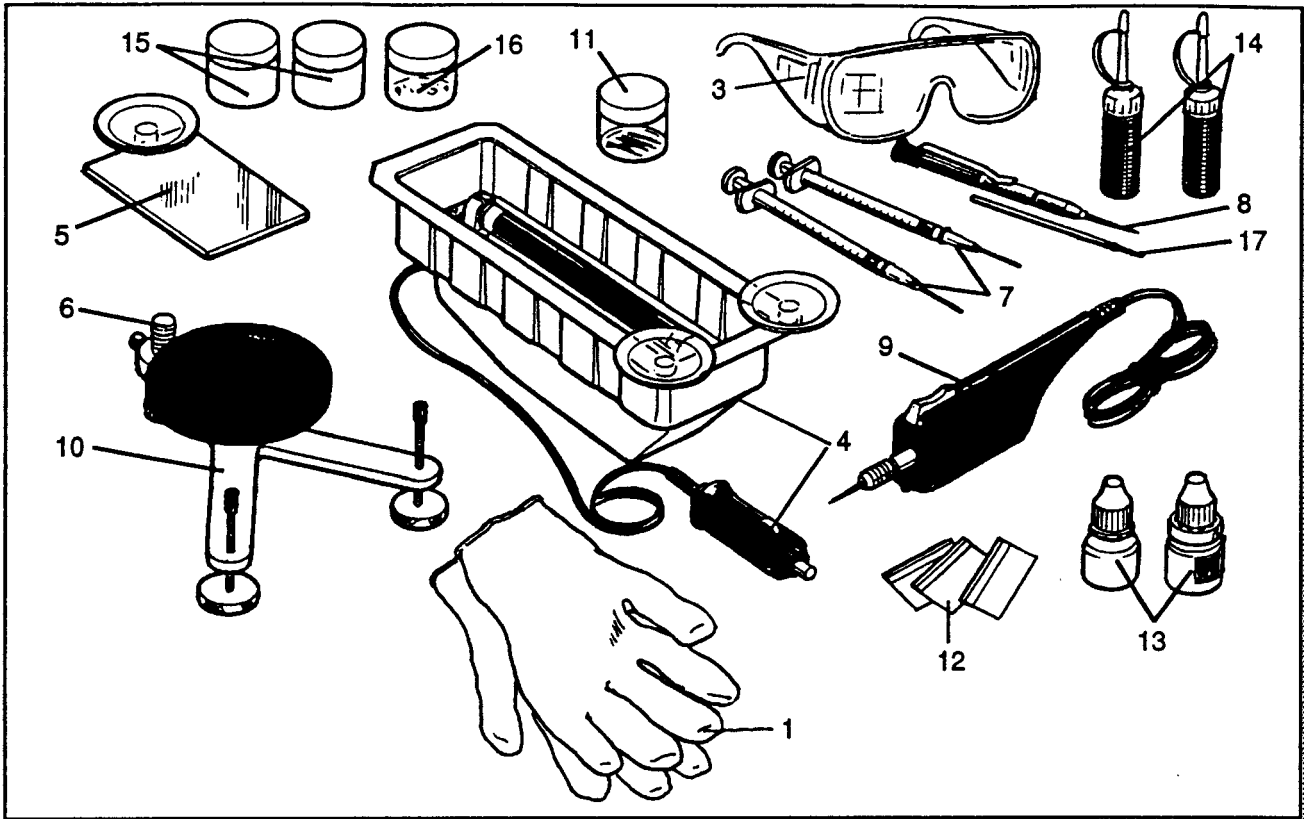
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WK8 WINDSCREEN REPAIR KIT

IMPORTANT! READ BEFORE USE! DO NOT DISCARD!

The WK8 Windscreen Repair Kit is for repairing chipped or cracked windscreens. It is not to be used for any other purpose.



EQUIPMENT

- | | | |
|----|--------|---|
| 1 | AP603 | Aluminium Tool Case (not shown) |
| 2 | SSP24X | Pack of 20 Latex Gloves |
| 3 | ML/BCA | Adapter Lighter Socket to Battery Clips |
| 4 | SSP29 | Safety Spectacles |
| 5 | WK8/1 | UV Light with Lighter Attachment |
| 6 | WK8/2 | Mirror with Suction Grip |
| 7 | WK8/3 | Brass Injector |
| 8 | WK8/4 | Syringe (x2) |
| 9 | WK8/5 | Scribe/Punch |
| 10 | WK8/6 | 12 V Drill with Lighter Attachment |
| 11 | WK8/7 | Bridge Body |
| 12 | WK8/8 | Pot of Spare Drill Bits |
| 13 | WK8/9 | Razor Blades (x3) |
| 14 | WK8/10 | Bottle of Pit Fill Resin (x2) |
| 15 | WK8/11 | Bottle of Resin (x2) |
| 16 | WK8/12 | Pot of Pit Polish (x2) |
| 17 | WK8/13 | Pot of KY Jelly |
| | WK8/14 | Crack Punch |
| | WK8/15 | Empty Pot (x2) not shown |

The safety spectacles are provided for your protection. Please use them!

OPERATION

1. Thoroughly clean and examine the area around the defect.
2. Place the mirror with suction cup (5) on the inside of the windscreen.
3. At the impact point, use the 12 volt drill (9) attached to your vehicle's cigarette lighter to drill part of the way through the windscreen. *Do not drill through the laminate!*
4. Wipe the glass dust from the screen.
5. Place the bridge body (10) onto the glass with the injector part (6 - the part with the hex screw protruding) over the defect. Attach the brass injector.
6. Adjust the rear screws so the white O-ring at the end of the injector flattens onto the screen to give a good seal.
7. Unscrew the release valve on the top of the injector.
8. Screw the injector (6) all the way down.

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9. Screw the release valve down.
10. Unscrew the injector (this creates a vacuum and draws out the moisture in the defect).
11. It may be necessary to apply gentle heat inside the windscreen to speed up the process, but be extremely careful that the screen does not break.
12. Repeat the above procedure until the defect is free of moisture. Black marks in the defect are usually visible moisture.
13. When you are satisfied that the defect is free from moisture, unscrew the injector (6) out of the body.
14. Dry the injector/injector body thoroughly. Remove any moisture that may be left from the previous operation. It may be easier to do this if you remove it from the bridge (10).
15. Replace the injector over the defect (if it was removed).
16. Inject some resin (14) with a syringe (7) into the injector body and unscrew the release valve. You should inject a good amount of resin at first.
17. Gently screw down the injector until the resin starts to enter the defect.
18. At this point, stop and screw in the release valve and *unscrew* the injector. This will again create a vacuum. By looking into the mirror, you will see a gentle stream of air bubbles being drawn out of the defect.
19. Unscrew the release valve to allow the resin to enter the defect. With the release valve unscrewed, screw the injector down and then screw the release valve down.
20. Unscrew the injector once more to draw any of the air still in the defect out (air bubbles will be seen again).
21. If a large amount of air is still coming out of the defect, repeat the process.
22. To draw moisture and air from the defect, the release valve must be closed down with the injector also in the screwed down position.
23. When the injector is unscrewed, it creates a vacuum and the moisture is drawn from the defect.
24. The defect should now be clear and 90% of the damage repaired.
25. Remove the whole bridge with one hand and quickly apply some pit fill resin (13) to the drilled part of the defect.
26. Cover it as quickly as you can with some curing film then place the UV light (4) on top of the defect. Leave it to cure for about 10-15 minutes then remove the light.
27. Pull at one corner of the curing film and it should

- hold firmly to the glass. If the film moves, the resin has not cured and you must re-apply the UV light.
28. If the film holds firmly, peel it off and wipe away any resin that has not cured.
29. With the safety razor (12), gently scrape at the resin until it is flush with the windscreen.
30. Polish the area with tissue and a drop of pit polish.
31. The defect should now be 90-95% repaired.

TIPS and SAFETY INFORMATION

- Wear gloves. The resin can irritate the skin.
- Take care when injecting resin. Do not inject yourself.
- Use generous amounts of resin on your first few repairs.
- It is better to use too much resin than not enough.
- You can see the damage being repaired by looking into the mirror.
- Use heat (with great caution) to speed up the drying process.
- If black marks are left after extracting all the air and moisture, you may try to flex the defect with the probe. *Use great caution when doing this as it may do more damage to the screen.*
- Practice before you repair your first defect.
- Not every windscreen defect will be able to be repaired.
- Replace resin lids as soon as you have used them. Keep them stored in a dark area.
- Pit fill resin may become thick in cold weather. Warm your hands or leave the resin by a gentle heat source to counteract this effect.
- Keep all resins and needles locked away and out of reach of children.
- Dispose of your waste in the proper manner.

