



• NTools Plastic Welding Set Set for plastic welding

NTools Plastic Welding Set is set for welding plastic by applying suitable binding material which matches appropriately to the repaired element. This system enables you to repair cracks or scratches on plastic parts. The set includes an aluminum roll on the handle FP Roll APP (APP No. 220715) to facilitate forming, restoring and changing the shape of the materials made of thermoplastic materials.

High-quality aluminum mesh APP NTZ 995 (APP No. 220317), which is included in this set, due to its properties (elastic, rustless) is ideal for reconstruction, e.g. catches and any defects in plastic elements. Its use during repairs ensures the higher strength of the repaired surfaces, particularly those exposed to high pressure.



Power source	230 V
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APPLICATION:

- Repair:
- bumpers,
 - fixing elements for headlights,
 - tanks for fluids.
 - fans,
 - wheel arches,
 - grille,
 - motorcycle fairings,
 - other external plastic elements or elements in vehicle interior.

No.	220330	NTools Plastic Welding Set	Set for plastic welding	Number of pieces in the set
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Products included in the set:

1	NTools Welder 230V	Tool for plastic welding	1
2	220317 APP NTZ 995	Aluminum mesh 150 x 1500 mm	1
3	220715 APP FP ROLL	Roll on the handle	1
4	220721 APP FP PP	Polypropylene wire, triangular 50 g	1
5	220726 APP FP PP+EPDM	Wire, triangular 50 g	1
6	220731 APP FP PEHDPE	Polyethylene wire, triangular 50 g	1
7	220736 APP FP PC	Polycarbonate wire triangular 50 g	1
8	220741 APP FP ABS	Wire, triangular 50 g	1
9	220746 APP FP PA	Nylon wire, triangular 50 g	1
10	NTools BOX15	Toolbox (383 x 188 x 168 mm)	1
11	Support for welding tool		1



• **NTools Plastic Welding Set**

The process of repairing of damaged plastic elements by embedding aluminum mesh integrating damage

Below is a detailed process of repair of the damaged element with a set for welding of plastic products NTools Plastic Welding Set.



1 Inspection of damage and selection of repair technology.



2 Prior to repair, clean and degrease the surface with WK900.



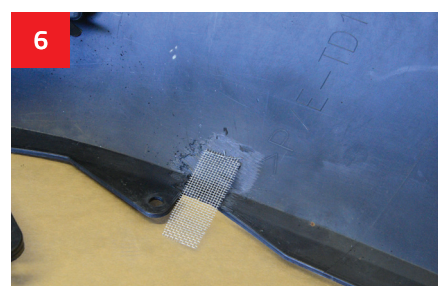
3 Clean and degrease the repair with WK900 on both sides of damage.



4 Using a roll from the set, smooth the roughness and protrusions.



5 Prepare the tool for operation (connect to the power supply). Put it on the support.



6 We cut out a piece of the aluminum mesh (APP No. 220317) available in the kit.



7 Embed the aluminum mesh in the damaged element on the inner side of the damage with the welding tool.



8 To hide the aluminum mesh and strengthen the repaired area, choose the binding material suitable to the type of repaired element.

continued repair process

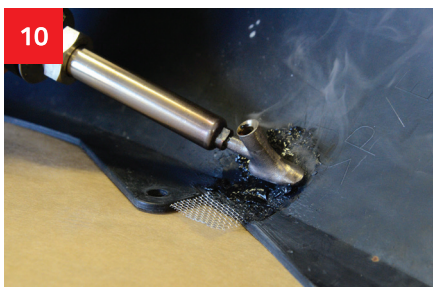


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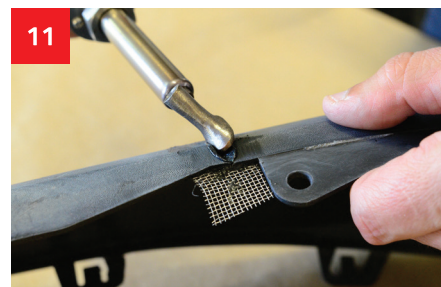
NTools Plastic Welding Set continued repair process



The binding material is set into the damaged area on the inner side of the damage.



Even up the surface.



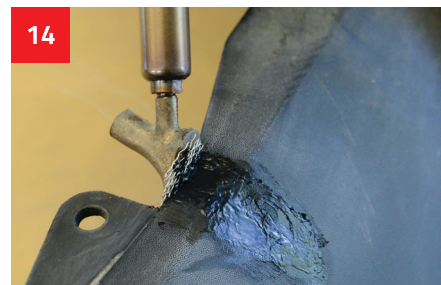
On the outer side of the damage prepare a place for putting the binding material.



Set the binding material in the damaged area and even up the surface.



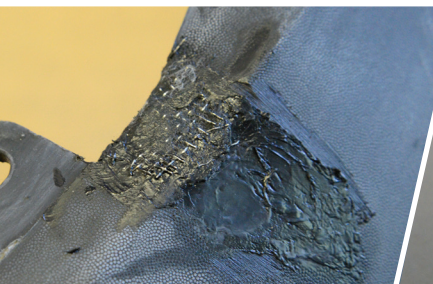
Cut the protruding piece of mesh in the so-called „envelope“...



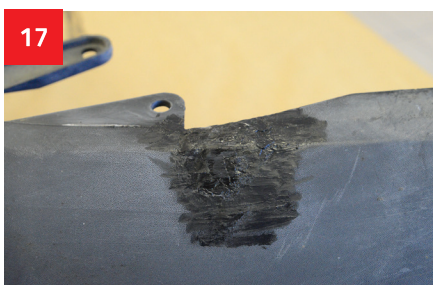
...and fold outwards, setting it in the plastic with the tool.



Put the binding material to cover the aluminum mesh completely, and finally even up the repaired area.



In the case of too rapid melting of the binding material cool down the repaired place with a cloth soaked with cold water.



The repaired/ „welded“ element is prepared for further processing.