

MOTOR GUARD

MAGNA STITCHER

PATENT PENDING



MODEL MS-1

DO PLASTIC REPAIR WITH YOUR STUD WELDER!

APPLICATION:

The Motor Guard Magna Stitcher turns your stud welder into a plastic repair tool. The MS-1 fits all popular stud welders and provides all the features of a plastic repair system at a fraction of the cost.

Use the Magna Stitcher to repair all thermoplastic parts including bumpers, fascias, headlamp housings, spoilers, etc...

The MS-1 is designed to reinforce broken components by inserting super strong, stainless steel stakes which stitch the part together prior to further repairs which may include plastic welding, filling and refinishing.

WARNING:

Do not operate this product without observing the following precautions. Failure to do so may lead to serious injury.



- Wear OSHA approved eye protection while using tool.
- Read and follow all directions for the safe operation of your stud welder.
- Use caution while trimming stakes as flying ends can cause eye or skin injury.
- Use caution while handling hot stakes as they can cause burns.



STAKES INCLUDED IN KIT:



MS2004
S STAKE



MS2005
M STAKE



MS2006
V STAKE



MS2007
W STAKE

INSTRUCTIONS FOR USE:

Install Magna Stitcher on end of stud welder as shown in **Fig. 1**. Tool must be seated firmly against insulator. Tighten knob snugly but do not over-tighten as thread damage may result.

Insert proper stake in electrodes in any of three angle positions as shown in **Fig. 2**.

Choose proper stake type according to area to be repaired:

S-Shape Stake for repair of flat areas. (**Fig. 3**).

M-Shape Stake for tabs and narrow sections. (**Fig. 4**).

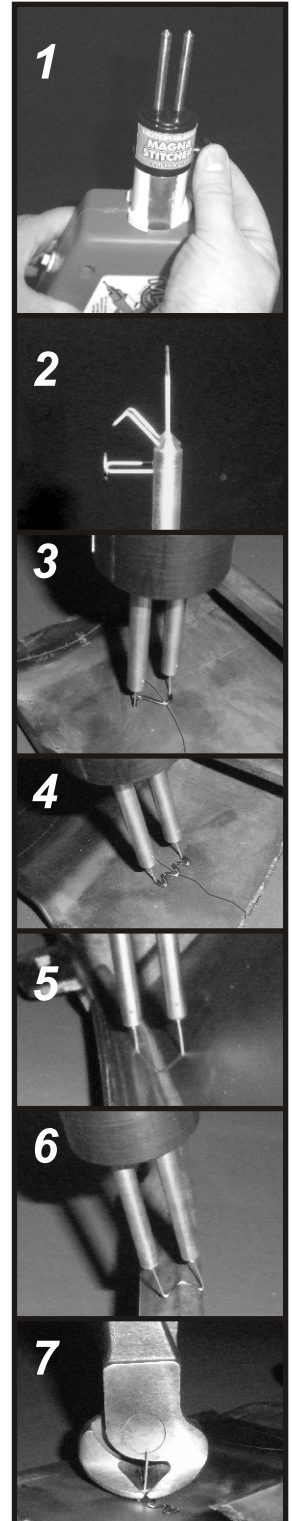
V-Shape Stake for repair of inside corners. (**Fig. 5**).

W-Shape Stake for repair of outside corners. (**Fig. 6**).

Set stake against area to be repaired and tap trigger two or three short times to heat. Insert stake to 1/2 of depth of plastic to be repaired. Let stake cool for 5 seconds before moving. **Do not overheat stake.**

Install stakes at 1/2 to 1 inch spacing or as required for strength. When done staking, clip exposed stake legs with end or diagonal cutters. Take care not to be injured by flying wire ends (**Fig. 7**).

Complete repair on front of item as needed by plastic welding, filling or refinishing.



MOTOR GUARD CORPORATION
MAGNA PRODUCTS

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