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BULLETIN # 185

WELDMATIC 150S, 175S, 150 & 175

PREMATURE FAILURE OF GUNSWITCH

There have been some instances where the gun switch can fail prematurely on a Weldmatic 150S, 175S, 150 or 175.

To help prevent failures, a snubber circuit is being fitted to new machines. This circuit reduces arcing at the switch contacts when the gun switch is released.

Models CP115 and CP116 manufactured from October 2003 (labelled Issue B) have the snubber circuit (part number SUB010) fitted to the contactor terminals.

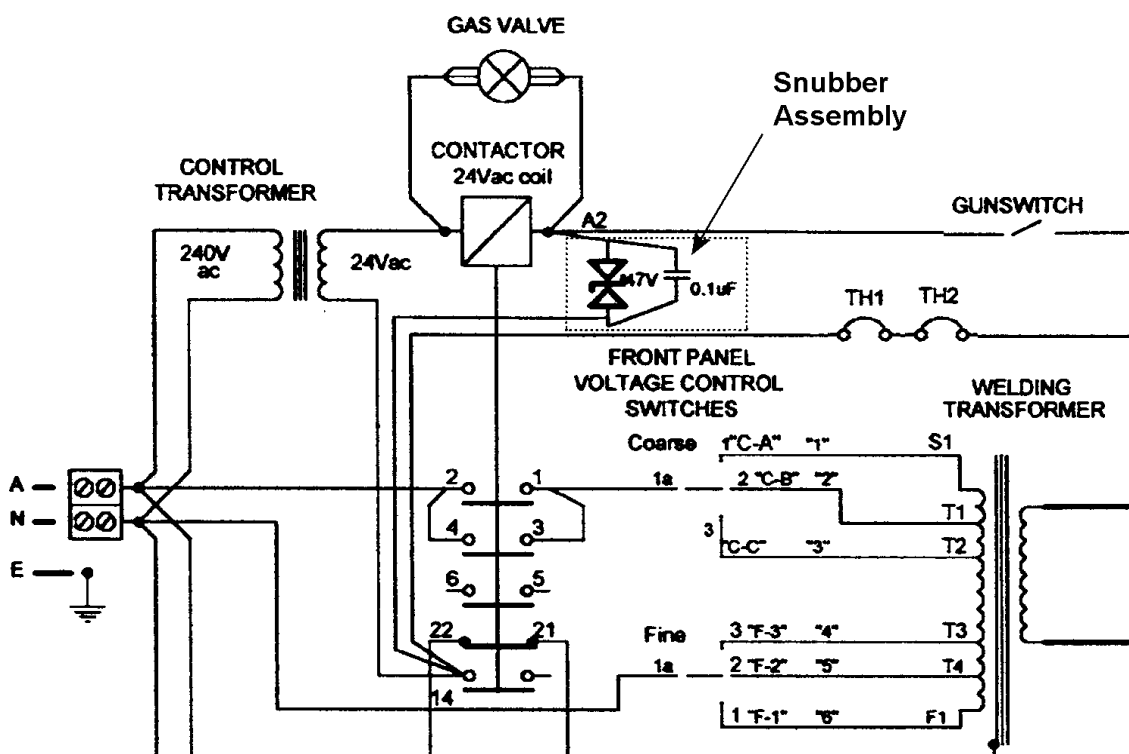


Fig 1 CP115 Circuit Diagram with Snubber Assembly Fitted

If the gun switch fails prematurely, a retro fit assembly Part No AM315-0 can be fitted to a machine which doesn't already have it. If the machine is out of the warranty period, consideration will be given to fit this under warranty on a case by case basis.

AM315-0 PACKAGE CONTAINS:

1 x Gunswitch Snubber with leads
2 x cable ties

2 x Quick Tab Joiners
Fitting Instructions

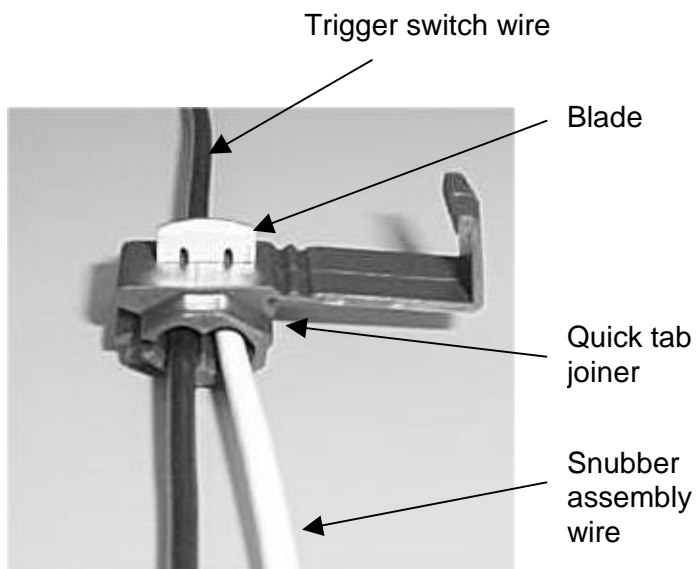
The procedure for fitting this modification is on page 2.

QUALITY WELDING PRODUCTS, SYSTEMS AND SERVICES

The information provided in this sheet is accurate and reliable, however no warranty of accuracy or reliability is given and no responsibility arising in any other ways by errors or omissions is accepted. Any information involving mains or high voltage is intended for use by qualified electrical personnel only.

PROCEDURE:

1. Isolate the power to the welder.
2. Undo the screws and remove the outer cover.
3. Remove the 6 spade type electrical connections for the wirefeed pcb, carefully noting where they connect to.
4. Undo 1 screw and carefully move the wirefeed pcb and mounting plate to one side.
5. Locate the 2 black trigger switch wires where they emerge from the back of the Euro connecting block.
6. Pass a Quick Tab Joiner over one of the trigger wires and then insert one of the snubber assembly wires into the remaining open end, as per Fig 1. Press the blade down firmly with pliers to make a secure connection, then close the insulating cover.
7. Connect the remaining snubber wire to the second trigger wire using the other Quick Tab Joiner.
8. Secure the snubber assembly to the loom securely using the cable ties as in Fig 2.
9. Refit the wirefeed pcb assembly and mounting plate.
10. Check all connections and that all wires are routed safely, i.e. away from all mains wiring.
11. Install the covers.
12. Test the machine operation.

**Fig 1****Fig 2**

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