

Date 12/11/04

BULLETIN # 189

CP112, 113 & 114 Weldmatic 255, 335 and 395

ROTATING GAS NIPPLE

These machines now have an external gas fitting on the front of the power source.

We have received a number of reports that this gas nipple can rotate when fitting the gas line nut and tail.

A protrusion has been added on the inside of the panel to prevent rotation of the nipple. However in some instances the hex part can slip past this protrusion, allowing the nipple to rotate as illustrated.

There will be a second protrusion added to future panels which will positively contain the hexagon part and provide a permanent solution.

As a temporary solution until the modified panels arrive, a spring washer was fitted behind the hexagon as illustrated.

This was effective in preventing rotation as it prevented sideways displacement of the nipple due to the undercut at the end of the threaded section.

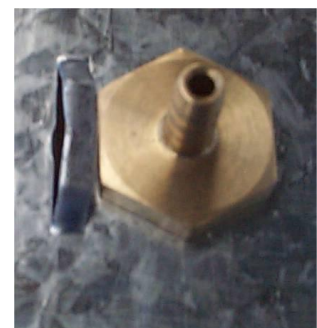
However this can cause another problem.

When screwing the nut & tail onto the nipple, there may be insufficient thread length appearing outside the panel. This can stop the nut from fully seating the gas tail, thereby preventing a gas tight seal.

The best solution is to remove the left (viewed from the front) side panel, remove the gas nipple and nut, remove the star washer if fitted, and move the protrusion across with a screwdriver as illustrated. It is only necessary to move it by approx 1-2 mm.

Refit the gas nipple and ensure that the protrusion is positioned tightly against the hexagon part when the gas nipple is tightened. This will permanently prevent the gas nipple from rotating. Refit the cover and the process is complete.

Hugh Stewart,
Technical Service Coordinator



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.