

# Clarke®



## 3 IN 1 AUTOMOTIVE PIPE BENDER MODEL NO: CHT264

PART NO: 1801264

### OPERATION & MAINTENANCE INSTRUCTIONS

ORIGINAL INSTRUCTIONS

GC0221 - rev 1

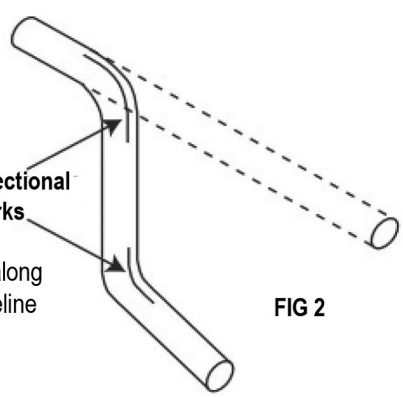
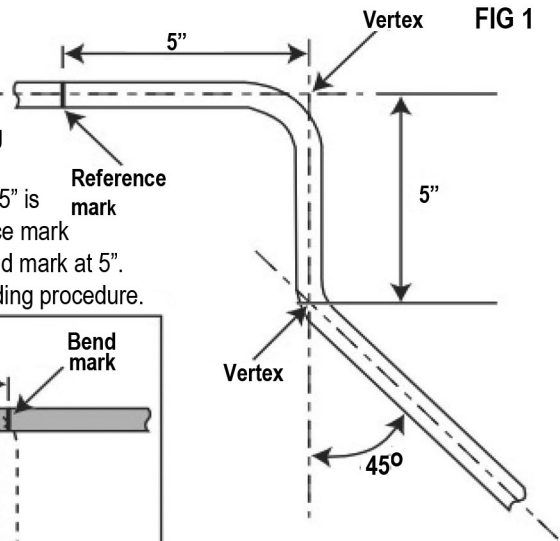
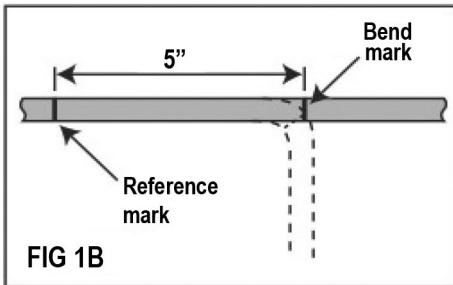
# INTRODUCTION

Thank you for purchasing this CLARKE Pipe Bender.

Before attempting to use the pipe bender it is essential that you read this manual thoroughly and carefully follow all instructions given. In doing so you will ensure the safety of yourself and that of others around you, and you can also look forward to the product giving you long and satisfactory service.

## BEND LAYOUT EXAMPLE

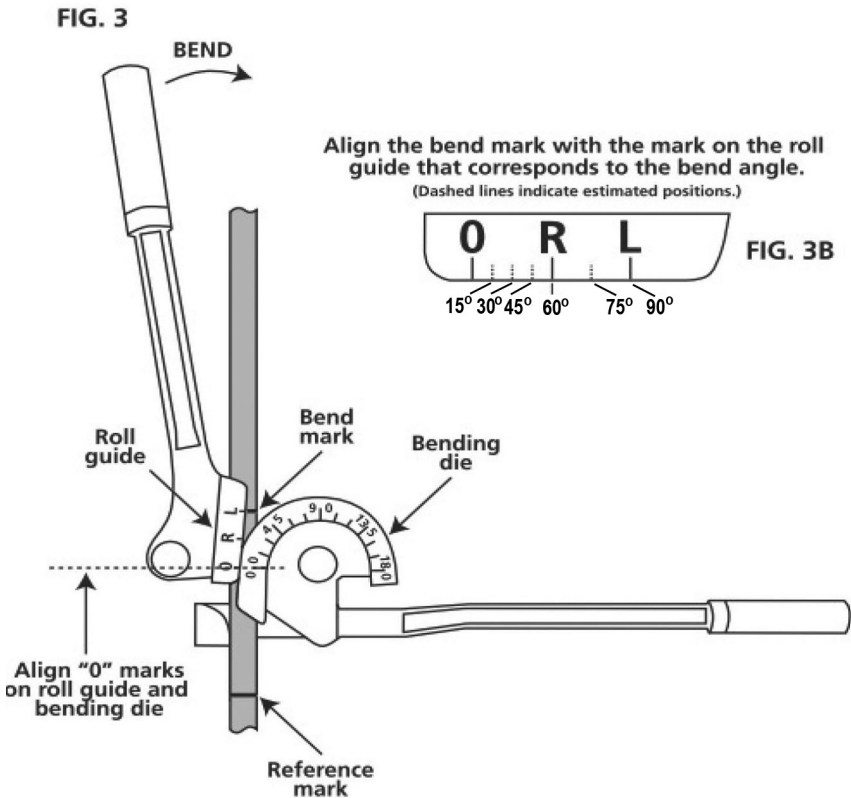
To measure tube for bending, use the centreline of the tube as shown. When establishing first measurement, make a reference mark for the starting point of measurement. In the example shown, a distance of 5" is required between the reference mark and 90 deg bend. Make a bend mark at 5". Proceed to next page for bending procedure.



To make sure bends are made along the desired axis, mark the centreline on tubing before bending.

# COMMON BEND

(Shown aligned for 90° bend)

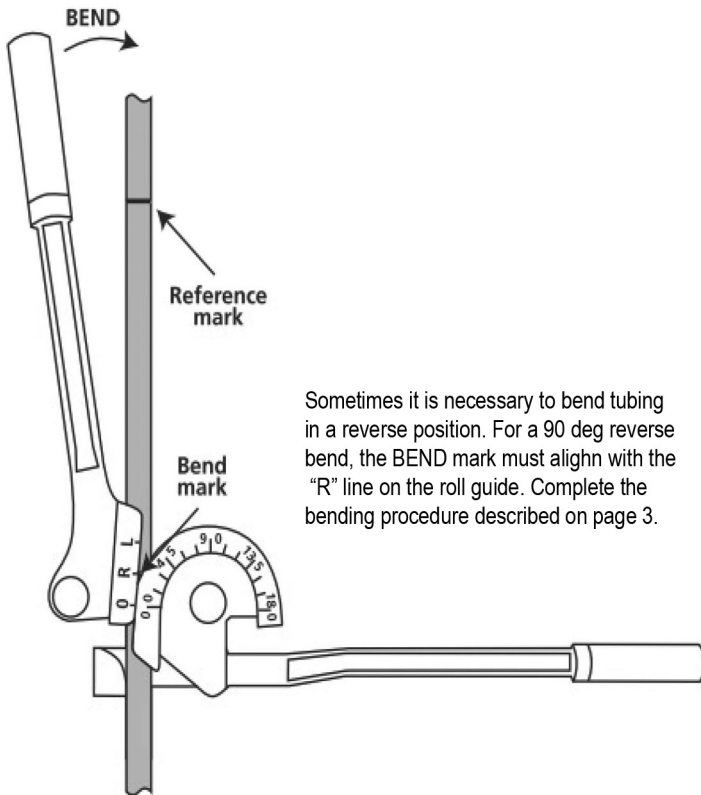


For common bending, open arms of tubing bender to position shown above. Insert tubing into correct size channel. Align "0" mark on roll guide with "0" mark on bending die. For a 90 deg bend, align the BEND mark made earlier with the "L" line on roll guide (for other angles less than 90deg, BEND mark must be adjusted to a different alignment on roll guide - see Fig 3B).

Note that the reference mark is below the tubing bender. Holding both handles of the tubing bender, draw them together with a slow, steady motion to create the bend. The bend is complete when the "0" mark on the roll guide is aligned with the desired angle mark on the bending die. Release the handles. The tubing may naturally try to spring back against the bend, resulting in an angle less than intended. Check the bend on an angle template or protractor to verify.

## REVERSE BEND

FIG. 4



Sometimes it is necessary to bend tubing in a reverse position. For a 90 deg reverse bend, the BEND mark must align with the "R" line on the roll guide. Complete the bending procedure described on page 3.

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## GUARANTEE

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This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended. Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission. This guarantee does not effect your statutory rights.