



# 8ADN ADJUSTABLE DIFFUSER NOZZLE

## INSTALLATION:

**STEP 1** — With the P85A mounted in operating position tighten the 8ADN Diffuser Nozzle Assembly in the sprinkler body.

**STEP 2** — Using a 3/8" wrench loosen two (2) U-bolt nuts ("A" on FIGURE 1) until the diffuser assembly can rotate on the nozzle.

**STEP 3** — Rotate the diffuser assembly until the diffuser plate pins are horizontal and the arrow on the frame casting is pointing up (see FIGURE 1).

**STEP 4** — Tighten the two (2) U-bolt nuts ("A" on FIGURE 1) to insure the diffuser assembly is locked in position.

## ADJUSTMENTS:

The amount of stream diffusion is controlled by the spacing of the diffuser plates. The diffuser plate spacing is factory set for normal stream diffusion and usually will not require adjustment. The following is the sequence for adjustment (Note: Increased stream diffusion is achieved with closer diffuser plate spacing.):

**STEP 1** — Using a 3/8" wrench loosen the two (2) nuts ("B" FIGURE 2) approximately one half turn.

**STEP 2** — Using a Phillips screw driver and a 5/16" box end wrench hold the adjusting screw and turn the nut ("C" on FIGURE 3) to obtain the desired diffuser plate spacing.

**STEP 3** — Tighten the two (2) nuts ("B" FIGURE 2) to insure the diffuser plates are locked in position.



FIGURE 1

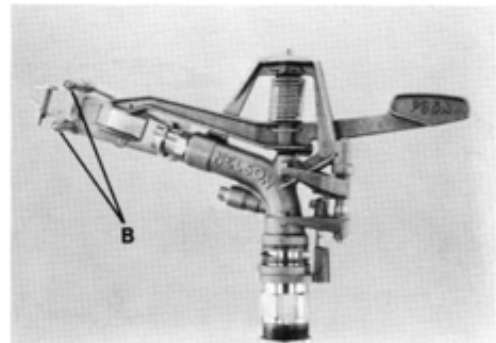


FIGURE 2

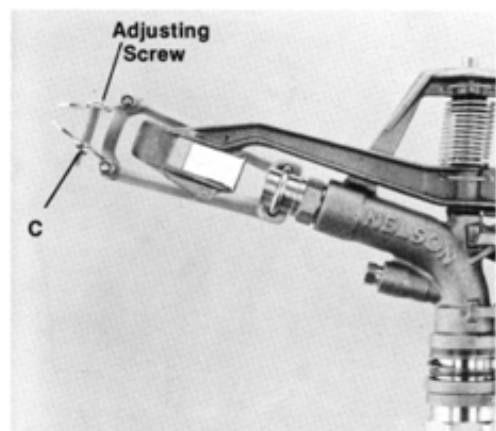


FIGURE 3

## Warranty and Disclaimer

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