



Complete Emergency Manual Back-up with no Tools Required!

Location A:
Handle on back of
Head for aiming



Location C: Twist
Knob to change
Beam-size and no
tools required!

Location B: Pinion
Gear can be dis-
engaged for full UP,
DOWN, RIGHT, and
LEFT aiming, and no
tools required!

Carlisle & Finch has Emergency Manual Safety Back-up, which will allow immediate aiming in all directions (UP, DOWN, RIGHT, LEFT) and instant Beam-size Focus control, should any motor fail. At “Location A”, a handle is added to the back dome, which will allow Horizontal aiming with ease, by overcoming a pre-adjusted clutch. At “Location B”, the small pinion gear mounted to the end of the shaft, normally will engage with the curved Gear attached to the bottom of the searchlight head. However, an Operator can quickly slide the gear up the shaft, and twist it, so it that it remains disengaged. The Searchlight is now immediately able to be aimed in all directions (UP, DOWN, RIGHT and LEFT). The External Beam-Size Focus Knob, “Location C”, will immediately change the Beam-size should the Beam-size Focus Motor Fail. Therefore, there is safety back-up for all motors within the searchlight!