

# HG-ENC16 and HG-ENC22 INSTALLATION INSTRUCTIONS

**Warning: Handle and secure so that the lens assembly cannot fall.**

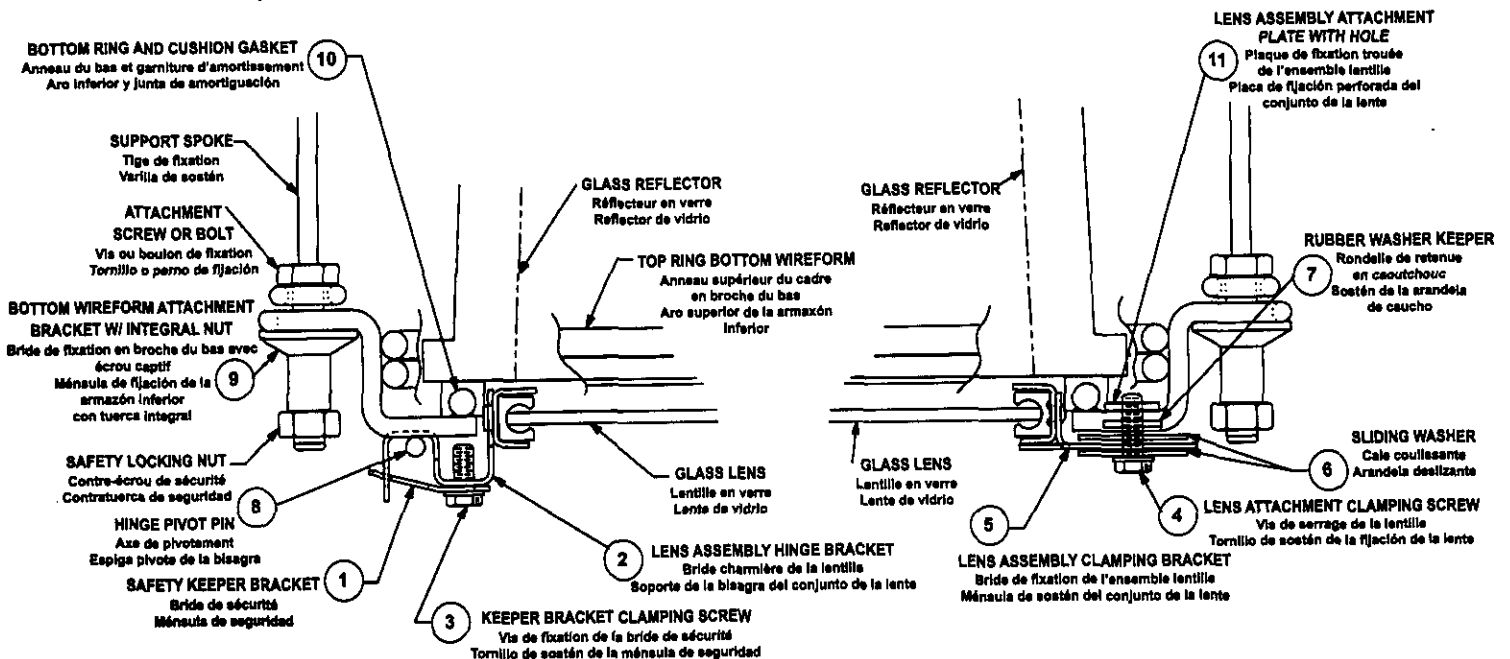
**Note:** This lens assembly provides protection for HID lamps and prevents hot glass particles from escaping the luminaire in the event of catastrophic lamp failure. It does not provide a dust or watertight seal around the bottom of the reflector.

## GENERAL INSTRUCTIONS: (See Figures below)

1. Install the safety keeper bracket (1) onto the lens assembly hinge bracket (2) with the 3/8" long keeper bracket clamping screw (3). Place and retain the keeper bracket off to the side or pointing into the middle to expose the hooked opening on the hinge bracket.
2. Install both, 1/2" long, lens attachment clamping screws (4) through the large slots in both lens attachment clamping brackets (5) using two sliding washers (6) each, one on each side of the clamping bracket, as shown, and retain all these parts together in place on the two clamping brackets with rubber washers (7) threaded onto the ends of the screws. The sliding washers are odd shaped to cover the slot in the clamping bracket.

## LENS ASSEMBLY ATTACHMENT: (See Figures below)

1. Insert the hooked end of the lens hinge bracket (2) on the lens assembly over the hinge pivot pin (8) located on one of the three, bottom wireform attachment brackets (9), that are welded to the bottom wireform.
2. Swing the lens assembly into the bottom wireform and center it, inside the bottom ring and cushioning gasket combination (10). This may require a slight force to install and seat fully, due to reduced assembly clearance caused by an inherently slight (out of) roundness problem with the bottom wireform. Localized heating when the ring and bracket assemblies are welded together can cause slight distortion in the bottom ring that can reduce the necessary assembly clearance.
3. Slide the clamping screws (4) along their attachment brackets (5) to align the screws with the corresponding holes in the attachment plates (11), that are welded across the other two bottom wireform attachment brackets (9).
4. Thread the clamping screws (4) into the holes in the attachment plates (11). The thread forming clamping screws will create threaded holes in the attachment plates, the first time they are installed. Some additional torque will be required to install the screws initially.
5. Tighten both screws to attach and secure the lens assembly to the bottom wireform. Do not overtighten the screws and strip the screw threads formed into the plates.
6. Slide the pointed end of the safety hinge keeper bracket (1) into the hole in the end of the hinge bracket (2) and tighten the screw (3) to complete the capture of the hinge onto the pivot pin attachment. This will secure the lens assembly to the wireform when it is pivoted down later for relamping.
7. Test for security.



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