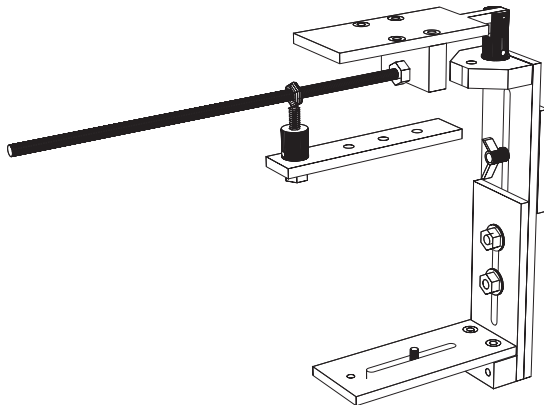


## CAMERA MOUNTING ASSEMBLY MECHANISM

### MODEL 8069



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### 1. GENERAL

**1.01** This practice provides application, specification, mechanical description, maintenance, installation, and warranty information relating to Accurate Electronics' Camera Mounting Assembly Mechanism, Model 8069.

### 2. APPLICATION

**2.01** When using a surveillance camera with a standard pan-n-tilt, a large pan and tilt aperture was needed to allow camera viewing operation. This Mechanism changes the aperture needed to a fraction of the original, thus allowing the operator greater flexibility in hiding the surveillance camera equipment.

### 3. INSPECTION

**3.01** Inspect unit for damage and completeness. Compare to FIGURE 1.

### 4. ASSEMBLY AND INSTALLATION

#### SET-UP

**4.01** See FIGURE 1. Snip and discard the plastic tie holding the Lever Arm to the Base Portion.

**4.02** Remove bolt "A" from Lever Arm . DONOT DISCARD.

#### MOUNTING PAD PORTION

**4.03** Undo the wingnut and remove the Base Portion from the Mounting Pad. Mount the Mounting Pad to the surveillance vehicle or equipment box using customer supplied hardware. Using the wingnut, remount the Base Portion to the Mounting Pad.

#### PAN-N-TILT

**4.04** Use bolt 'A' to mount the PAN-N-TILT to the Base Portion. Initially, tighten the bolt so that the PAN-N-TILT is as close to the upright piece of the Base Portion as possible, allowing for ALL movement of the PAN-N-TILT unit. (See FIGURE 2 for additional reference.)

**4.05** Mount the Lever Arm to top of PAN-N-TILT, using the captive screw of the PAN-N-TILT.

#### CAMERA MOUNTING

**4.06** Mount CAMERA / LENS to Camera Mounting Portion as shown in FIGURES 1 and 2. The use of velcro, double-sided tapes or foams, and/or large wire tie-wraps work best to mount the CAMERA / LENS to the unit.

### 5. OPERATION

**5.01** Adjust all components as shown in FIGURE 2. The Rod and CAMERA / LENS should be as level as possible.

**5.02** The CAMERA should be at least 1.50" from the edge of the enclosure side. This distance however may vary depending upon the type and size of CAMERA used. Be certain that the CAMERA edge does not come into contact with any portion of the surveillance vehicle or equipment mounting box.

**5.03** The angle range of pan and tilt depend upon many factors, mainly the type and specifications of the PAN-N-TILT unit, the CAMERA, LENS and even the application. Experimentation is the best way to find the greatest pan and tilt angle ranges possible.

**5.04** The smaller the CAMERA, LENS and PAN-N-TILT units, a greater range of motion is possible, as well as allowing for a smaller viewing aperture.

### 6. MAINTENANCE

**6.01** General care is recommended.

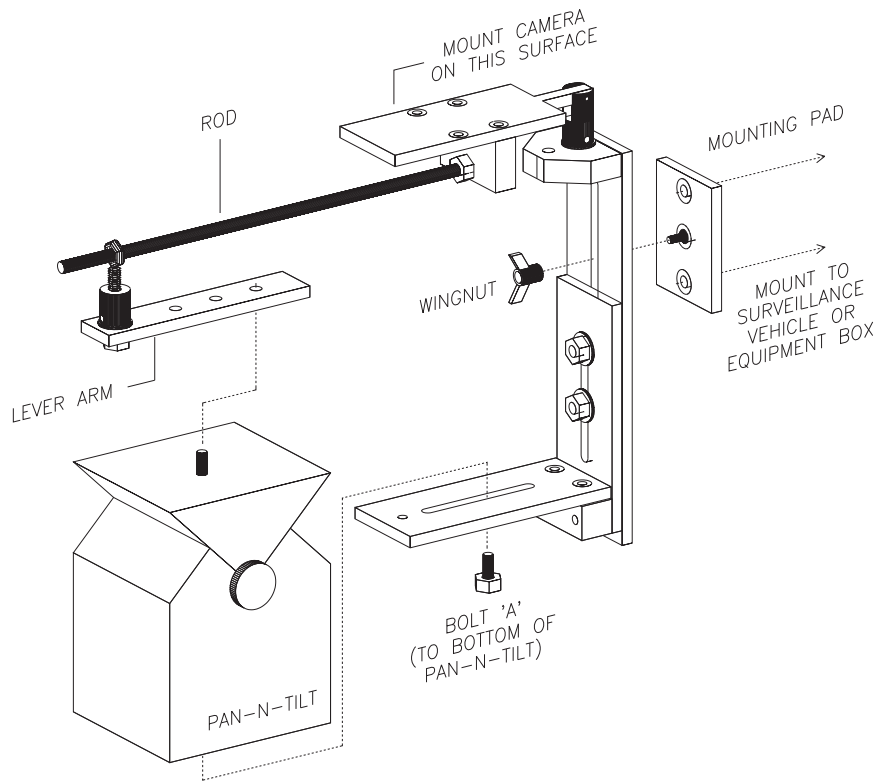
**6.02** Keep the Rod and eyelet clean. Occassionally lubricate the rod and all pivot points with a silicon lubricant.

### 7. WARRANTY

**7.01** See WARRANTY in front of catalog.

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**FIGURE 1. UNIT LAYOUT**



**FIGURE 2. UNIT SETUP AND ADJUSTMENT**

