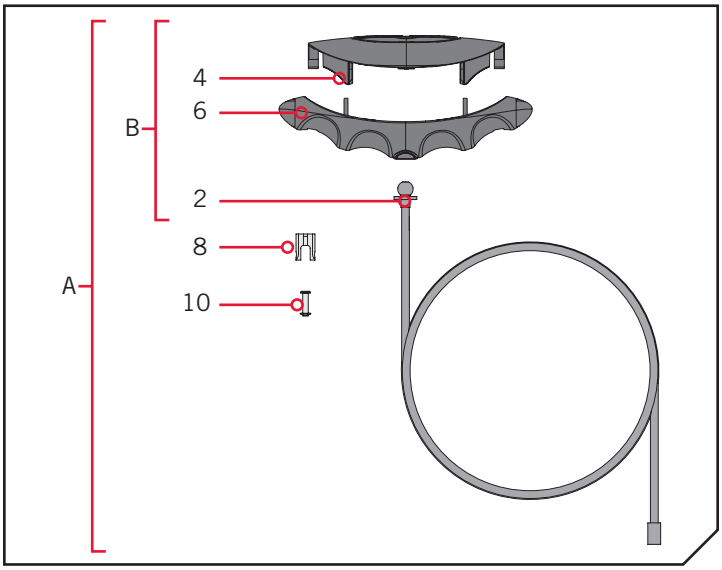
# MKA-49 PREMIUM CABLE & HANDLE
## 1854125

| Item / Assembly | Part # | Description | Qty. |
|---|---|---|---|
| A | 1854125 | MKA-49 CABLE AND HANDLE | 1 |
| B | ✖ | CABLE AND HANDLE | 1 |
| 2 | 2371407 | CABLE, ROPE HANDLE | 1 |
| 4 | 2280400 | PULL GRIP,SOFT, TOP | 1 |
| 6 | 2280405 | PULL GRIP,SOFT, BOTTOM | 1 |
| 8 | 2370860 | CLEVIS, ROPE HANDLE | 1 |
| 10 | 2372673 | PIN-CLEVIS .188 SS | 1 |

✖ *This part is included in an assembly and cannot be ordered individually.*
▲ *Not shown on Parts Diagram.*




**TOOLS AND RESOURCES REQUIRED**

- (2) #3 Phillips screwdrivers
- 1/4" Allen Wrench
- Torque Wrench
- Needle Nose Pliers

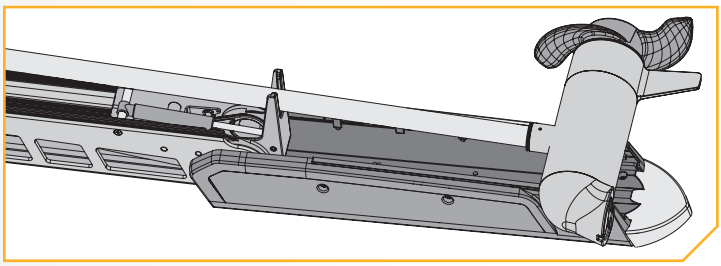
**ULTREX, FORTREX AND RIPTIDE FORTREX INSTALLATION**

## Disconnect the Gas Spring

**1**

**⚠ WARNING**

Moving parts can cut or crush. The gas assist lift mechanism is under pressure. Disconnect gas spring before removing motor from mount. Do not engage the pull grip and rope until gas spring is disconnected.



a. In order to remove the Bowguard/Steering Module, the Gas Spring needs to be disconnected. Place the motor in the stowed position.

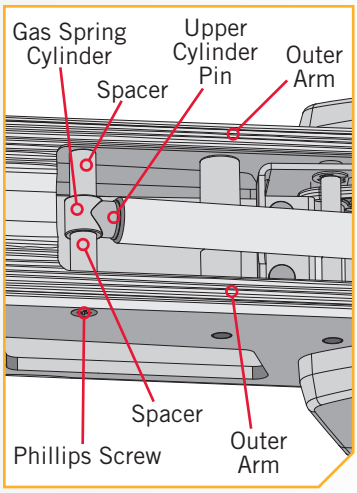
**2**

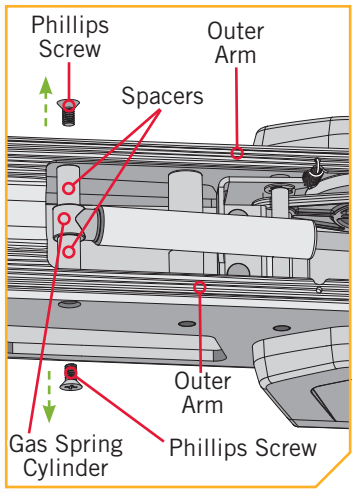
b. To disconnect the Gas Spring, locate the Upper Cylinder Pin. Two Phillips Screws hold the Upper Cylinder for the Gas Spring in place. Using two #3 Phillips screwdrivers, hold the screw at one end of the Upper Cylinder Pin in place.

c. Remove the screw at the opposite end of the pin with the other #3 Phillips screwdriver.

**⚠ WARNING**

The gas assist lift mechanism in this unit is under high spring pressure when the motor is in the deployed position. Do not remove the Steering Module assembly from the mount without disconnecting one end of the gas spring. Failure to do this can create a condition where accidental pulling of the pull grip and rope may cause the mount to spring open rapidly, striking anyone or anything in the direct path.



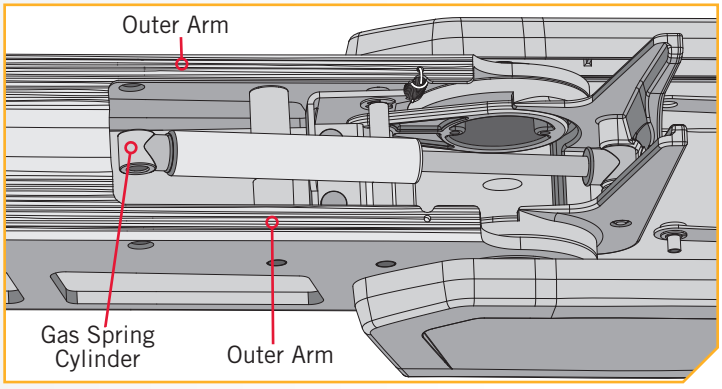




**NOTICE:** Use a #3 Philips screwdriver to remove the screws. They have a pre-applied thread locker. Not using the recommended tool can cause damage and prevent them from being removed.

**3**

d. Once the screws are removed, the pin and spacers can be removed from the Upper Cylinder.

e. Now it is safe to remove the motor from the bow mount when the motor is in the deployed position.



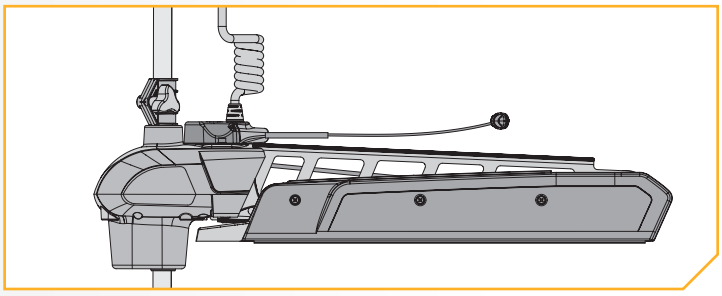

## Remove Motor from Mount

**1**

**⚠ WARNING**

Moving parts can cut or crush. The gas assist lift mechanism is under pressure. Disconnect gas spring before removing motor from mount. Do not engage the pull grip and rope until gas spring is disconnected.

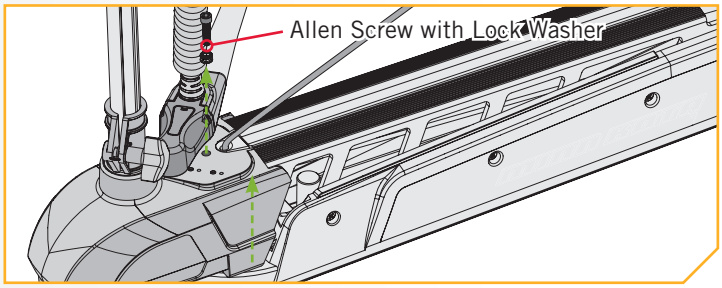
a. With the gas spring disconnected, place the motor in the deployed position.



**2**

b. Remove the 5/16" Allen Screw with a 1/4" Allen Wrench. The 5/16" Allen Screw is located on the opposite end of the mount from the hinge that opens and closes when the mount is stowed and deployed.

c. Once the Allen Screw and Lock Washer are removed, lift the Bowguard/Steering Module straight up until it is free from the mount.




## Cable and Handle Installation

**1**

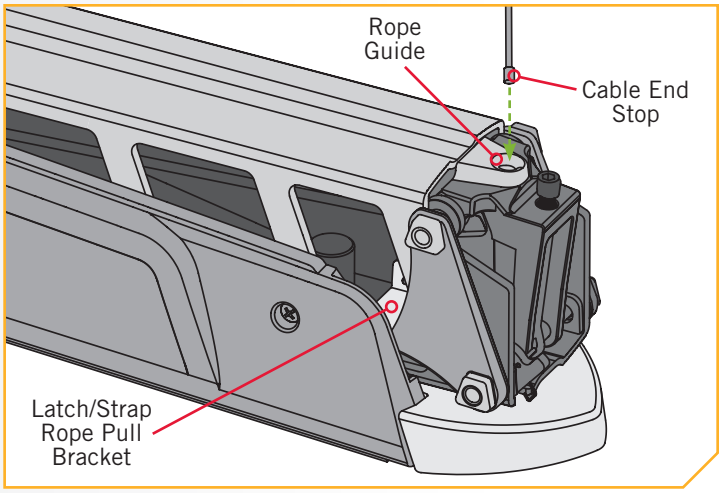
**ITEM(S) NEEDED**

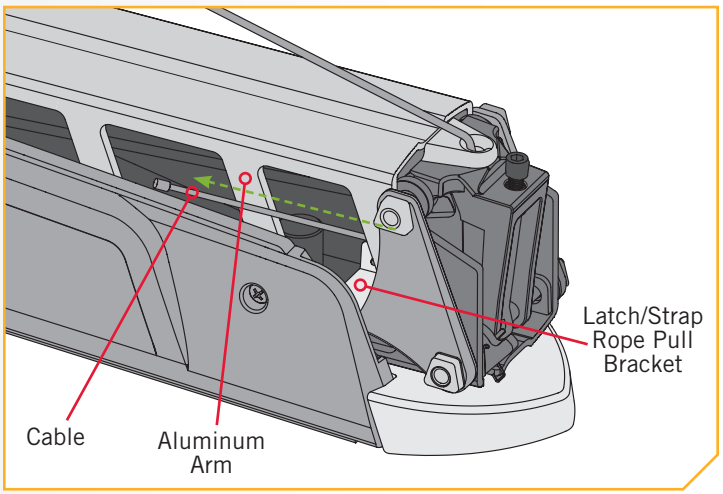
**B x 1**

a. Once the Bowguard/Steering Module is removed note how the rope is routed through the mount, Rope Guide, around the Pin, and into Latch/Strap Rope Pull Bracket. The new cable will be routed in the same manner.

b. Remove the current rope.

c. Taking the new Cable and Handle (Item B), feed the new Cable End Stop down through the top Rope Guide hole, around the Lower Pin, and feed the Cable through the Latch/Strap Rope Pull Bracket. Pull the Cable through and out one of the cutout windows in the aluminum arm. This will allow room to attach the Clevis.



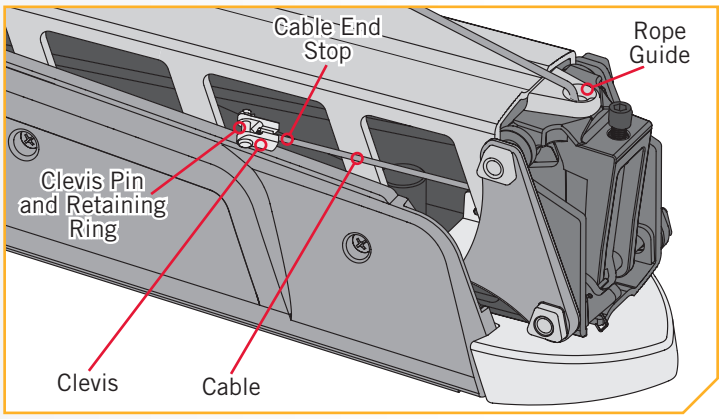



**2**

**ITEM(S) NEEDED**

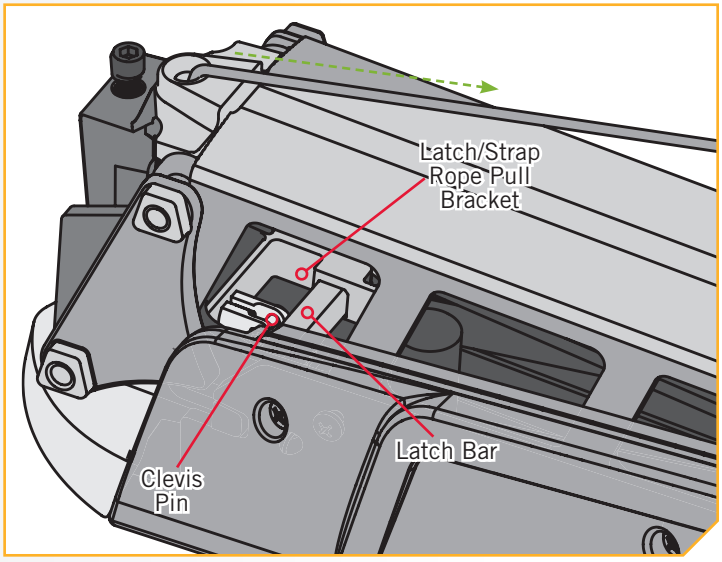
**#10 x 1** **#8 x 1**

d. Attach the Clevis (Item #8) onto the Cable by sliding the clevis slot over the cable and sliding the Cable End Stop into the Clevis. Install the Clevis Pin and Retaining Ring (Item #10). The Clevis Pin must be installed to prevent the Cable from coming out of the Clevis.




**3**

e. Pull on the Cable Handle until the Clevis slides into the opening between the Latch Bar and Latch/Strap Rope Pull Bracket.



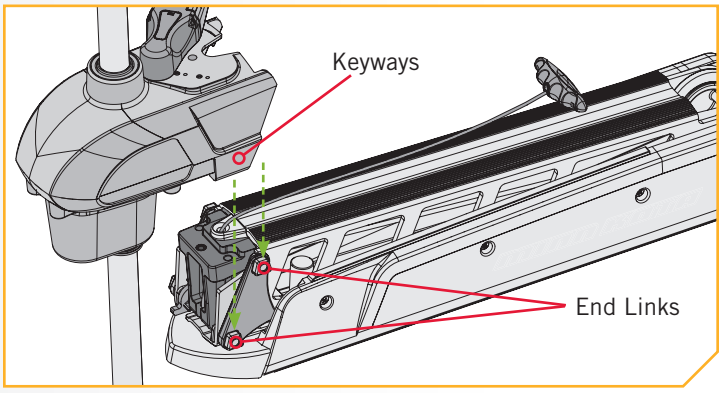

## Reassemble the Bowguard/Steering Module

**1**

a. To reassemble the Bowguard/Steering Module, start with the mount in the deployed position.

b. Align the Keyways on the inside of the Bowguard/Steering Module with the End Links on the mount. Do this by positioning the Bowguard/Steering Module above the End Links on the mount.

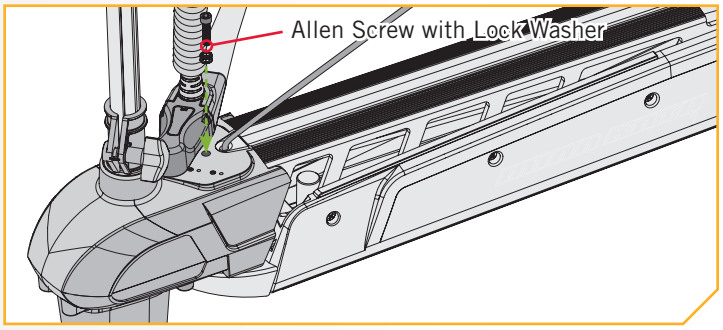
c. Lower the Bowguard/Steering Module straight down until seated.



## 2

d. Reinstall the 5/16" Allen Screw and Lock Washer and tighten to 18 to 20 ft-lbs with a Torque Wrench.

e. Position the motor to the stowed position using the pull grip and rope to disengage the latch bar, allowing the motor to fold into a flat position.

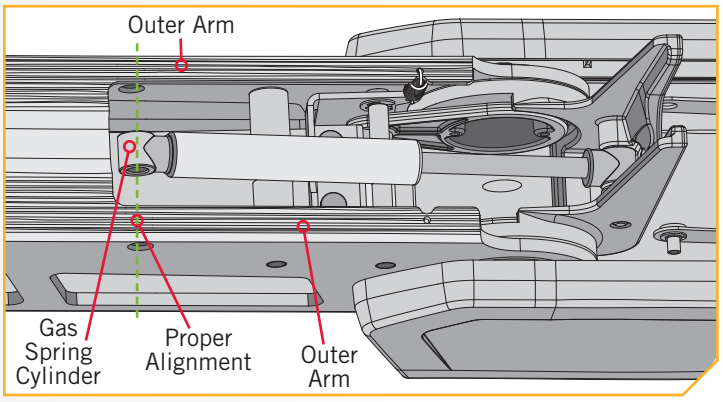



## 3

f. Once in the stowed or flat position, the gas spring and spacers can be installed.

g. Locate the upper gas spring pin and spacers.

h. Align the end of the Gas Spring with the holes in the outer arm of the base.



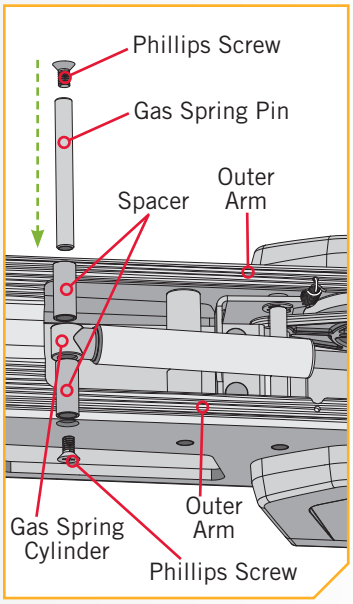

## 4

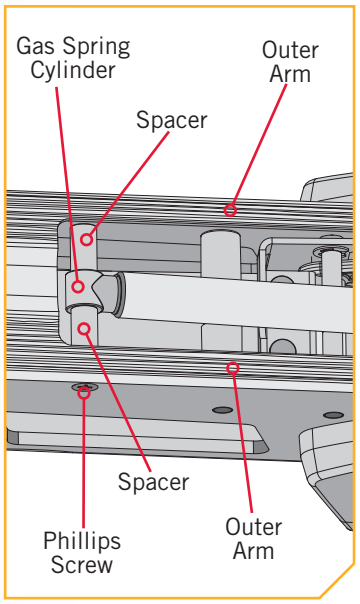
i. Align the Pin with one spacer on each side of the Cylinder for the Gas Spring, so that it passes through one side of the outer arm, a spacer, the Cylinder of the Gas Spring, then an additional spacer and finally through the outer arm at the other side of the base.

j. The Pin should be secured on each end with a screw. Hold one screw in place with a #3 Phillips screwdriver and secure the other screw with an additional #3 Phillips screwdriver.

k. Tighten screws until the heads are flush with the outer arm.

**NOTICE:** Screws have a pre-applied thread locker. DO NOT apply additional thread-locker to the screws as it may prevent future removal.



## 1

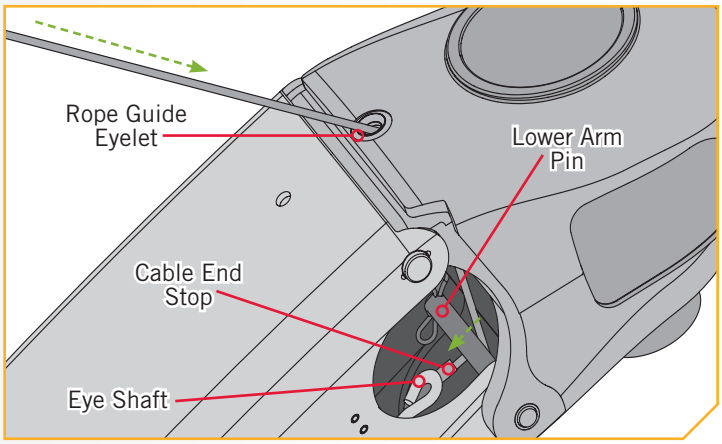
### ITEM(S) NEEDED

B x 1

a. Note how the rope is routed through the Rope Guide, around the Pins, and into the Eye Shaft. The new cable will be routed in the same manner.

b. Remove the current rope.

c. Taking the new Cable and Handle (Item B) and feed the Cable End Stop down through Rope Guide Eyelet, and around the Lower Arm Pin.



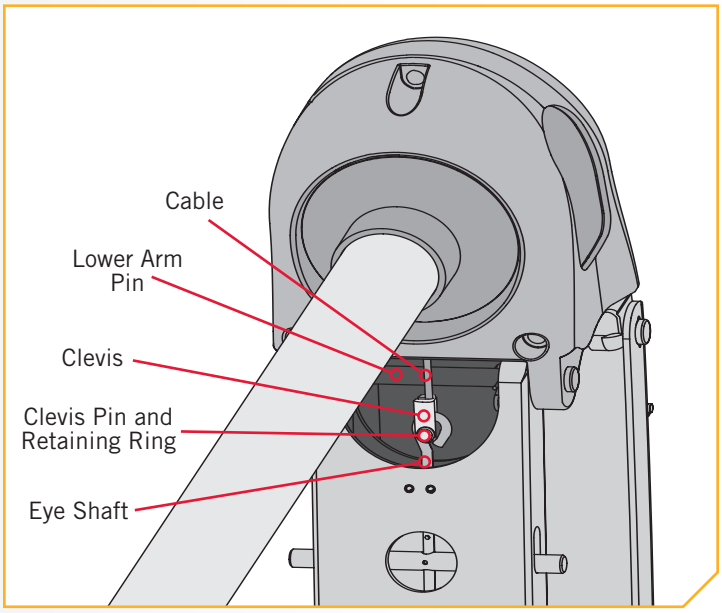

## 2

### ITEM(S) NEEDED

#10 x 1 #8 x 1

d. Attach the Clevis (Item #8) onto the Cable by sliding the clevis slot over the Cable and sliding the Cable End Stop into the Clevis.

e. Attach the Clevis to the Eye shaft using the Clevis Pin and Retaining Ring (Item #10).



## 1

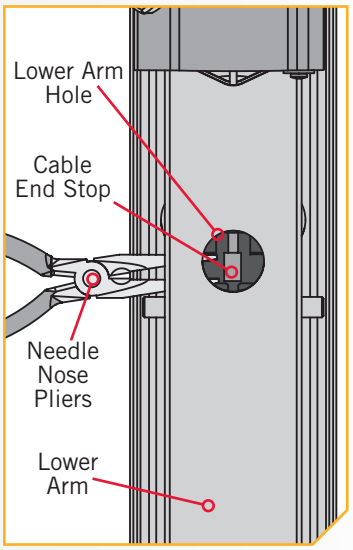
### ITEM(S) NEEDED

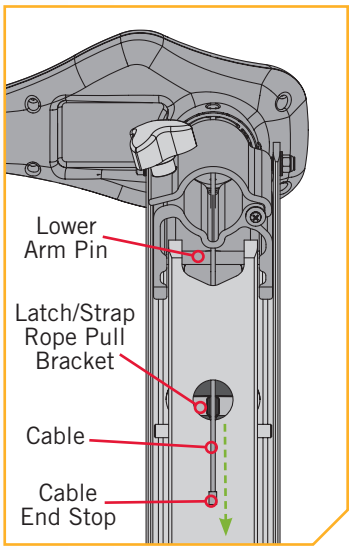
B x 1

a. Note how the rope is routed through the Rope Guide, around Lower Arm Pin, and into the Latch/Strap Rope Pull Bracket. The new cable will be routed in the same manner.

b. Remove the current rope.

c. Take the new Cable and Handle (Item B) and feed the Cable End Stop down through top Rope Guide, around the Lower Arm Pin, and slide down the inside of the Lower Arm. Looking through the hole in the underside of Lower Arm, use a Needle Nose Pliers or similar tool to grasp the Cable End Stop and pull it out through the hole a few inches. This will allow room to attach the Clevis.




## 2

### ITEM(S) NEEDED

#10 x 1 #8 x 1

d. Attach the Clevis (Item #8) to the Cable by sliding the clevis slot over the Cable and sliding the Cable End Stop into the Clevis.

e. Pull on the cable handle until the Clevis slides into the hole in the Lower Arm.

f. Using a Needle Nose Pliers or similar tool insert the Clevis Pin and Retaining Ring (Item #10) through the slot in the side of the Lower Arm, into Clevis, through the hole in Latch/Strap Rope Pull Bracket and out the opposite side of the Clevis. Install Retaining Ring onto the groove of the Clevis Pin.