



# Nighthawk Inner Arm Replacement Kit INSTALLATION INSTRUCTIONS

#910660-10  
09/2024  
RS

ROADMASTER, Inc.

6110 NE 127th Ave.

Vancouver, WA 98682

360-896-0407

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## INSTRUCTIONS:

**It is critically important that you read all instructions before attempting to install the replacement arm.**

1. With the 1/4" Allen wrench and the 9/16" socket wrench, remove the shoulder bolt connecting the swivel ear to the inner arm (Fig.A). Save the two acetyl washers and the flat metal washer; discard the Nylock nut. You may wish to use a powered Allen wrench as it could be difficult to remove the shoulder bolt.

2. With the swivel ear removed, pull the inner arm out (Fig.B). Be careful not damage the light strip wiring; the cable leading to the light strip maybe held to the side as the inner arm is pulled out.

3. Insert the replacement inner arm, with the provided replacement bushing in place. When the end of the inner arm reaches the Freedom Latch™ (Fig.C), pull up on the Freedom Latch handle. The inner arm will slide through. Make sure it does not catch on the wire that leads to the light strip. (Continued on next page)

Need Help? Call Toll-Free

1-800-669-9690

### Parts List

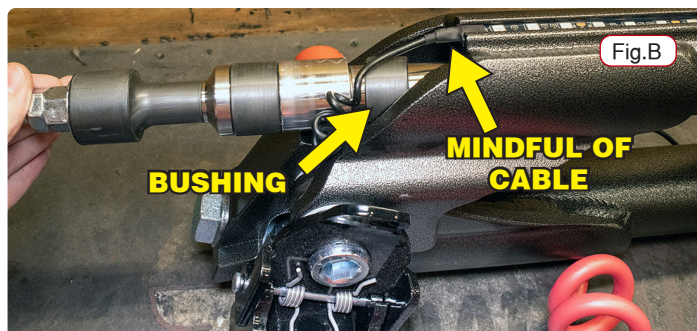
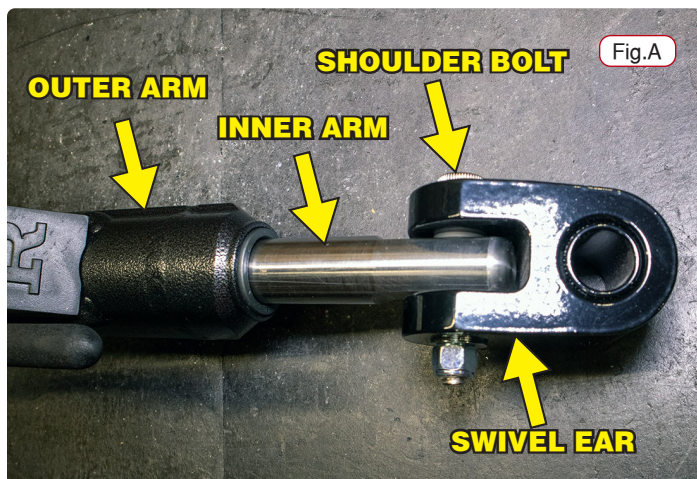
- (1) ..... INNER ARM ASSEMBLY
- (1) ..... NYLOCK NUT ..... 350258-01
- (1) ..... BUSHING ..... A005406

### Required Tools

- 9/16" SOCKET WRENCH
- 1/4" ALLEN WRENCH

## WARNING

Discard the original Nylock nut. It will not hold the shoulder bolt in place if it is reattached. The swivel ear, and the tow bar arm with it, will detach from the towed vehicle, causing the towed vehicle to separate or to be held by only one tow bar arm.



**WARNING** Failure to follow these instructions can result in property damage, personal injury or even death.



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4. Insert the shoulder bolt and one of the acetyl washers through the swivel ear, as shown in Figure D.

5. Align the second acetyl washer to the hole on the other side of the swivel ear and push the shoulder bolt through.

6. Be certain that the head of the shoulder bolt is flush to the swivel ear. Insert the flat metal washer on the outside of the collar (Fig.E), against the replacement Nylock nut, and tighten the Nylock nut to secure the swivel ear in place.

**Note:** *over-tightening the Nylock nut will bind the collar and prevent it from pivoting properly. When it is tightened correctly, the collar should pivot easily.*



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Failure to follow these instructions can result in property damage, personal injury or even death.