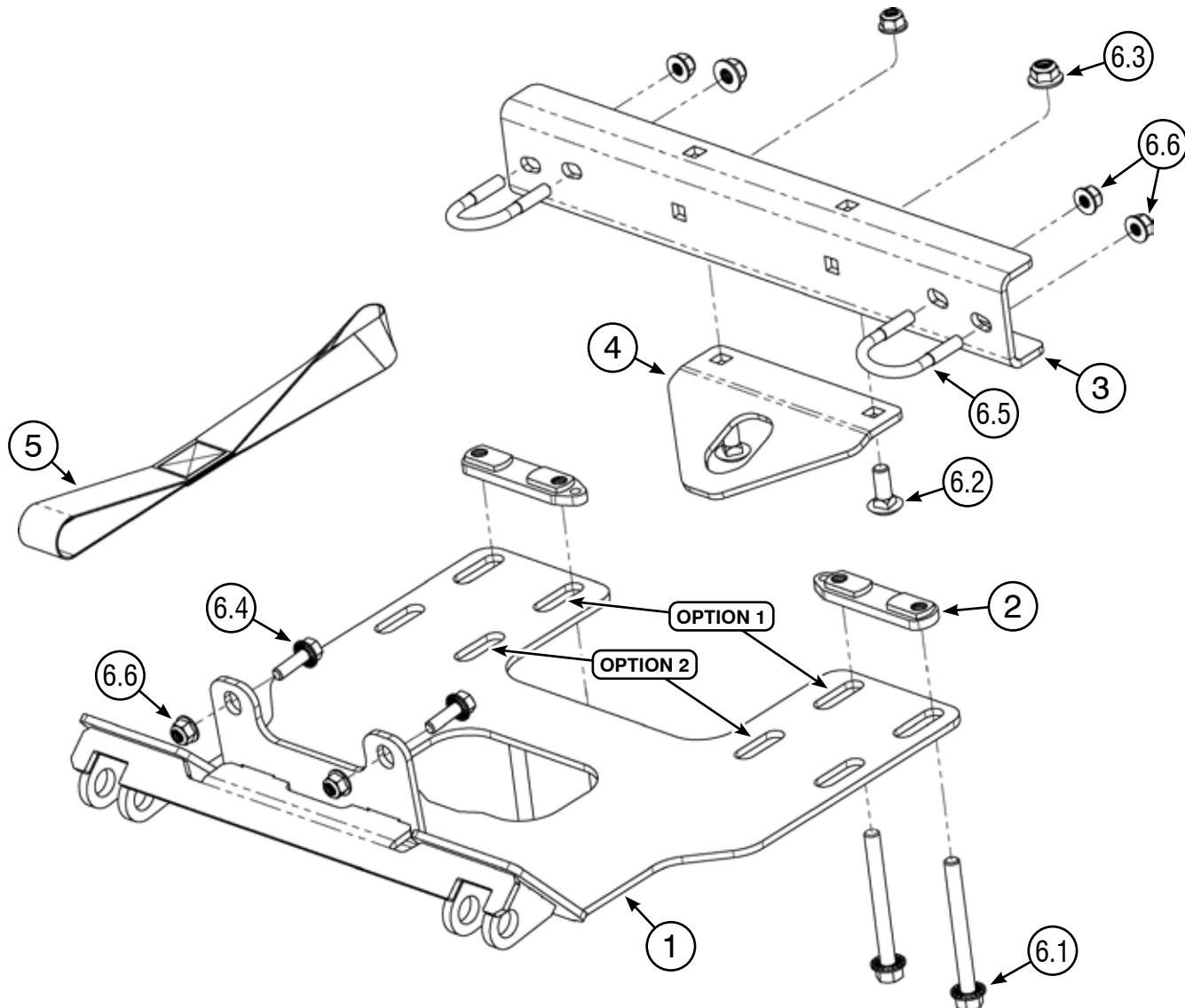


# ARCTIC CAT PROWLER 500 / KYMCO UXV 450i

Plow Mount PART #106790 Rev A



## Kit Components:

Item #	Qty.	Description	Item #	Qty.	Description
1	1	Plow Mount (106791)	6.1	4	3/8"-16 X 3.50" Hex Bolt Flange
2	2	Bolt Plate (105283)	6.2	2	3/8"-16 X 1.00" Carriage Bolt
3	1	Channel Mount (105772)	6.3	2	3/8"-16 Hex Nut Flange Nylock
4	1	Hook Bracket (105773)	6.4	2	5/16"-18 X 1.00" Hex Bolt Flange
5	1	12" Soft Loop Strap (106470)	6.5	2	5/16"-18 X 1.25" X 2.00" U-Bolt (P800276)
6	1	Hardware Kit (HK-170)	6.6	6	5/16"-18 Hex Nut Flange Nylock



# INSTALLATION INSTRUCTIONS

## Notice

Torque bolts to ANSI Specs (or OEM specs if applicable), unless otherwise stated. After the first use and at the start of each season, check torque.

**Note:** Make sure all hardware needed to complete this mount is in the package. Thoroughly read through and understand the instructions before installing.

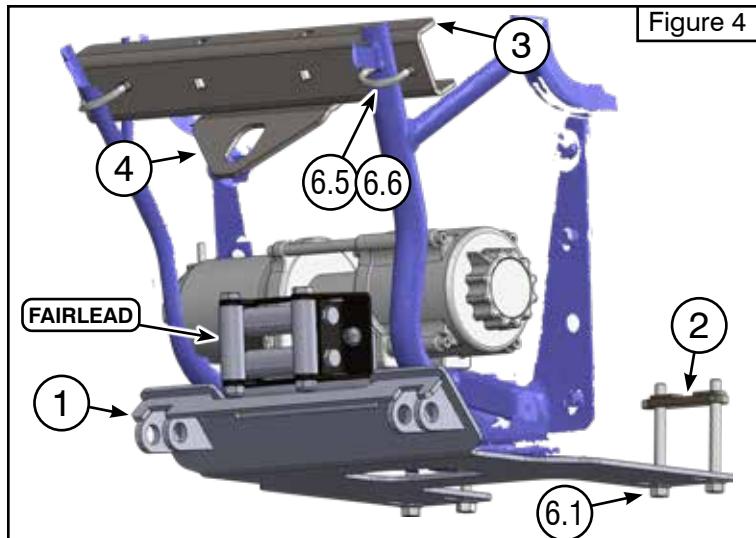
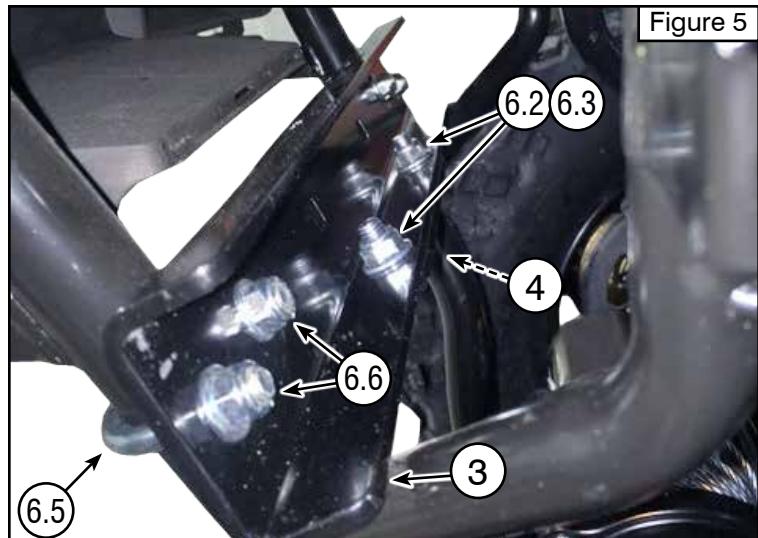
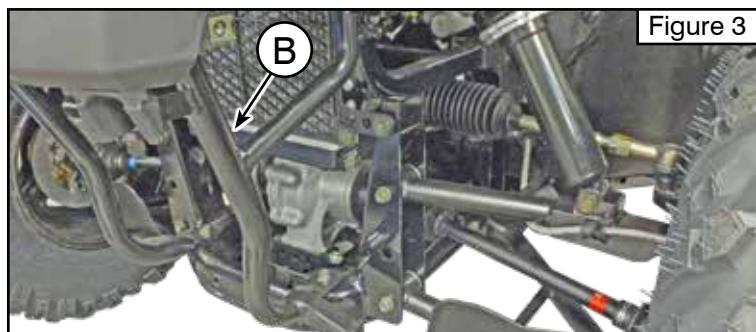
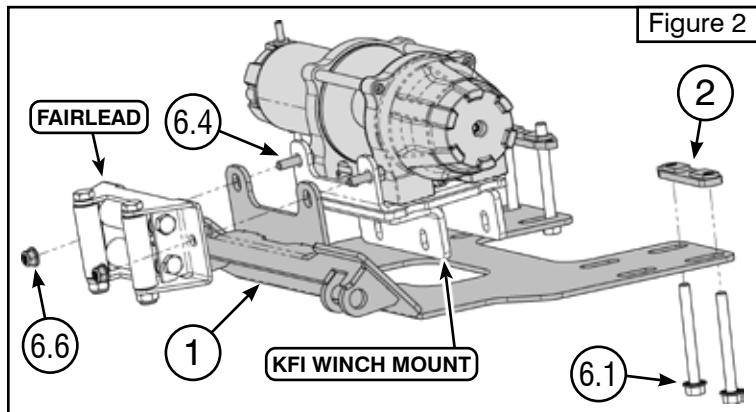
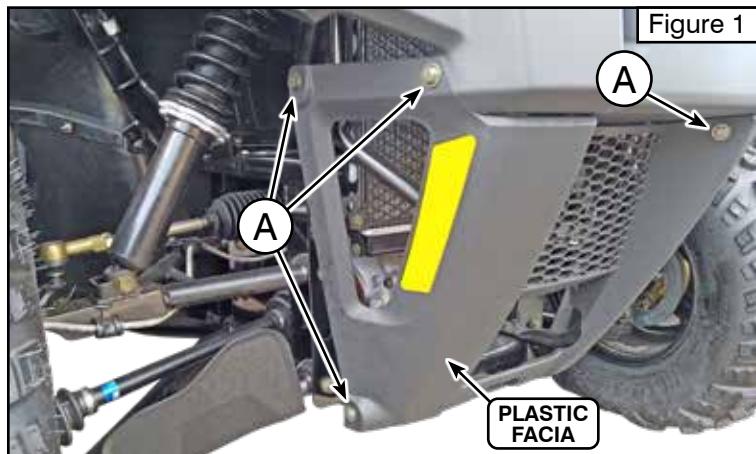
### Installation Instructions

#### REQUIRES INSTALLATION OF KFI WINCH MOUNT #101370 PRIOR TO PLOW MOUNT INSTALL.

1. Remove the plastic fascia by removing the eight bolts (A) located on the sides and front of the fascia. Refer to **Figure 1**.
2. Remove the two bolts securing the fairlead to Winch Mount #101370. Discard the bolts as they will not be reused.
3. Position the front of the Plow Mount (1) against the fairlead bracket. Reinstall the fairlead, sandwiching the Plow Mount (1) between the fairlead and the winch mount, using the supplied bolts (6.4) and nuts (6.6). See **Figure 2**.
4. This Plow Mount fits multiple model years. Before drilling, select the rear slot locations that provide the most clearance from the axle for your specific model year. **See Option 1 and Option 2 on Page 1 in the exploded view.** Attach the rear of the Plow Mount (1) to the frame with Bolt Plates (2) placed on top of the square tubing, then use the Plow Mount (1) as a template to drill the two inner holes through the skid plate and install bolts (6.1).

**IMPORTANT: If this installation is on an Arctic Cat Prowler, continue with the next step. If this installation is on a Kymco 450i, skip to Page 3.**

5. Position the Channel Mount (3) behind the frame tubing (B) as shown in **Figures 3, 4, and 5**.



6. Install the U-bolts (6.5) around the front frame tubing (B) and through the Channel Mount (3). Evenly secure with nuts (6.6). Refer to **Figures 3, 4, and 5**.
7. Attach the Hook Bracket (4) to the bottom of the mounting channel using bolts (6.2) and nuts (6.3). See **Figures 4 and 5**.
8. NOTE: When reinstalling the plastic fascia, a small opening must be cut in the plastic grille to provide clearance for the Hook Bracket (4). Refer to **Figure 6**. The fascia may be left off during the plow season and reinstalled once the plow is removed; however, the Hook Bracket (4) must be removed in this case.
9. Route the winch cable through the pulley and attach the hook to the Hook Bracket (4). See **Figure 6**.

***Installation Continued: Kymco 450i***

10. Attach the soft loop strap (5) to the horizontal frame tubing behind the front grille. Route the strap through one of the grille openings, then route the winch cable through the pulley and attach the hook to the strap. Refer to **Figures 7 and 8**.

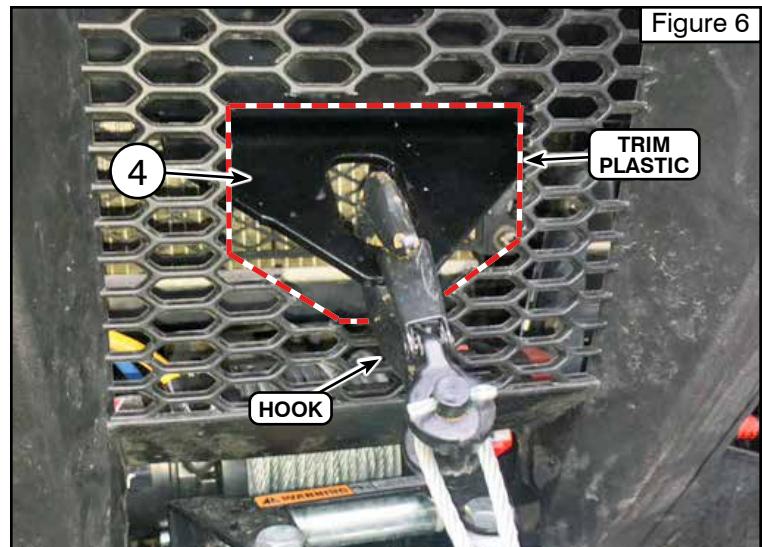


Figure 6

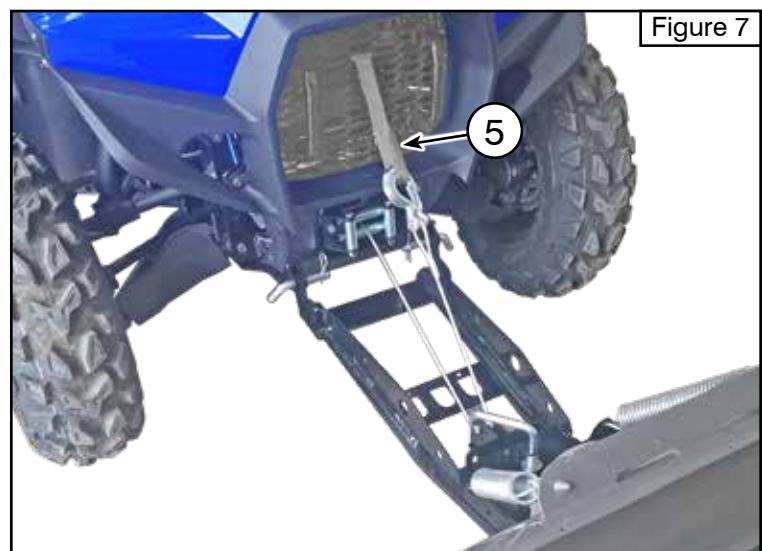


Figure 7

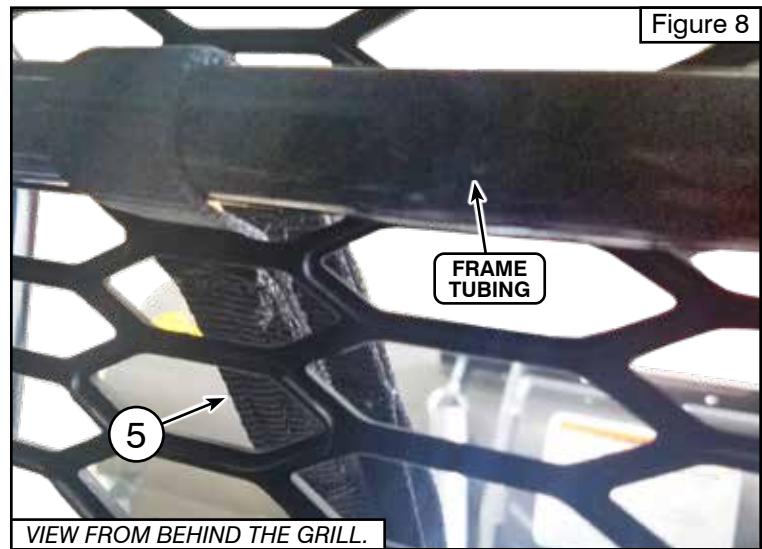


Figure 8



# THIS MOUNT RECOMMENDS A PLOW PULLEY

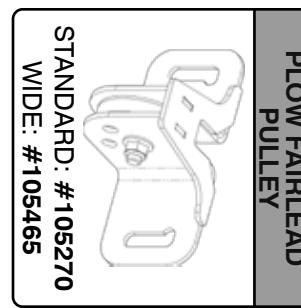


## WHY USE A PULLEY WHEN PLOWING?

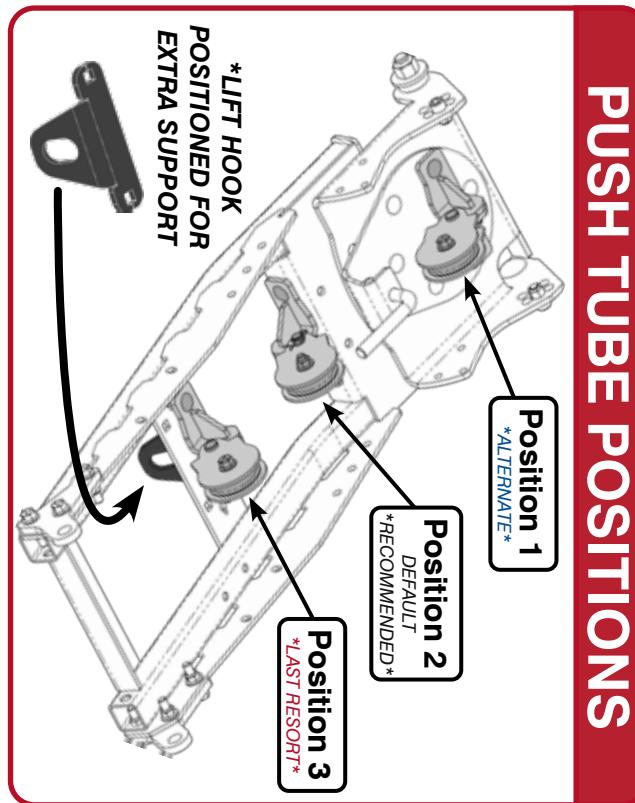
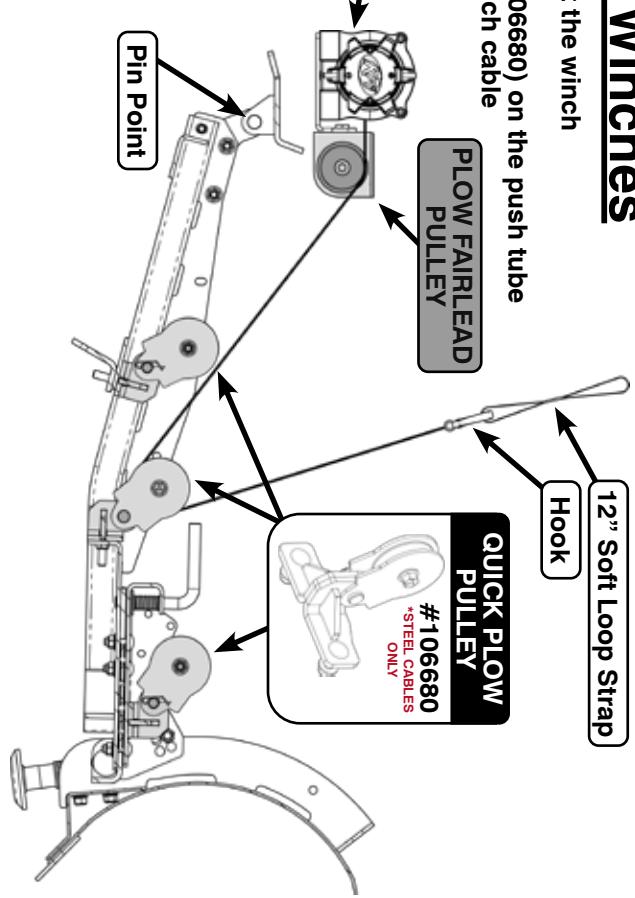
When the fairlead and plow pin point are too close, the winch line pulls at a shallow angle. This puts extra strain on the winch and makes lifting less effective. Adding a pulley gives the line a smoother, more vertical pull, improving lift and reducing stress on the winch and plow system. [For more information, visit KFIPproducts.com.](http://KFIPproducts.com)

## Steel Cable Winches

- Plow Fairlead Pulley at the winch
- Standard or Wide
- Quick Plow Pulley (#106680) on the push tube
- Pulley rotates with winch cable
- Durable Steel Rollers



STANDARD: #105270  
WIDE: #105465



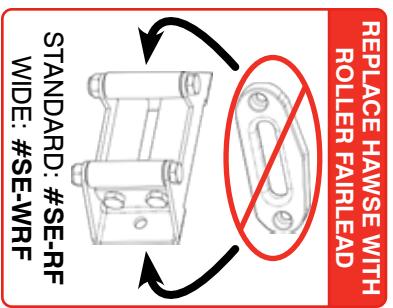
## PUSH TUBE POSITIONS

## Synthetic Cable Winches

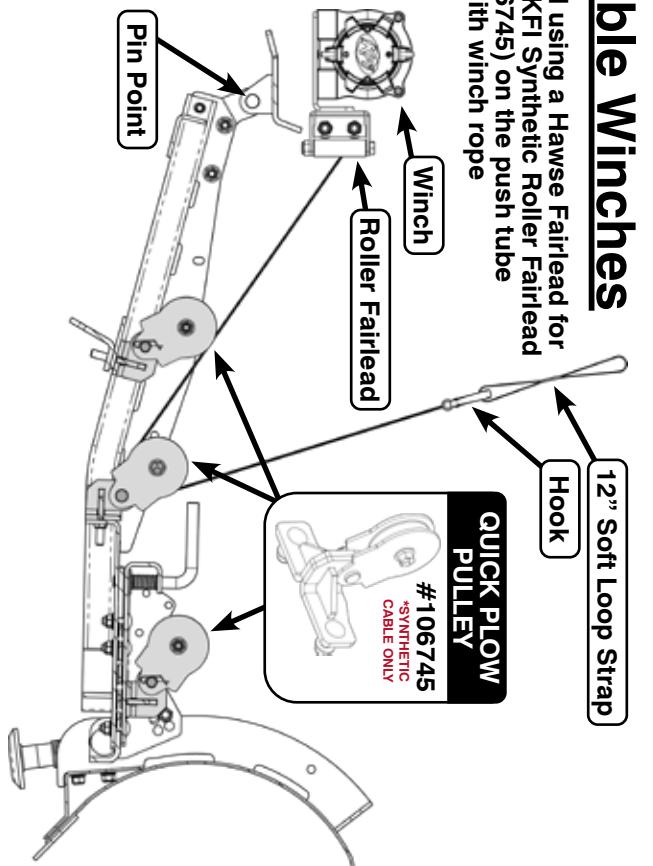
- We **DO NOT** recommend using a Hawse Fairlead for plowing - Replace with a KFI Synthetic Roller Fairlead
- Quick Plow Pulley (#106745) on the push tube
- Pulley does not rotate with winch rope



**QUICK PLOW PULLEY**  
#106745  
\*SYNTHETIC CABLE ONLY



STANDARD: #SE-RF  
WIDE: #SE-WRF



## 12" Soft Loop Strap #106470

The 12" Soft Loop Strap can be used in two configurations:

1. Wrapped once around a solid anchor point as shown above. Follow **Steps 1-4**.
2. Wrapped around the bumper in a "U" shape, allowing the hook to pass through both strap loops. See **Step 1 Only**.

