

PLOW MOUNT KIT



P/N 2881763

APPLICATION

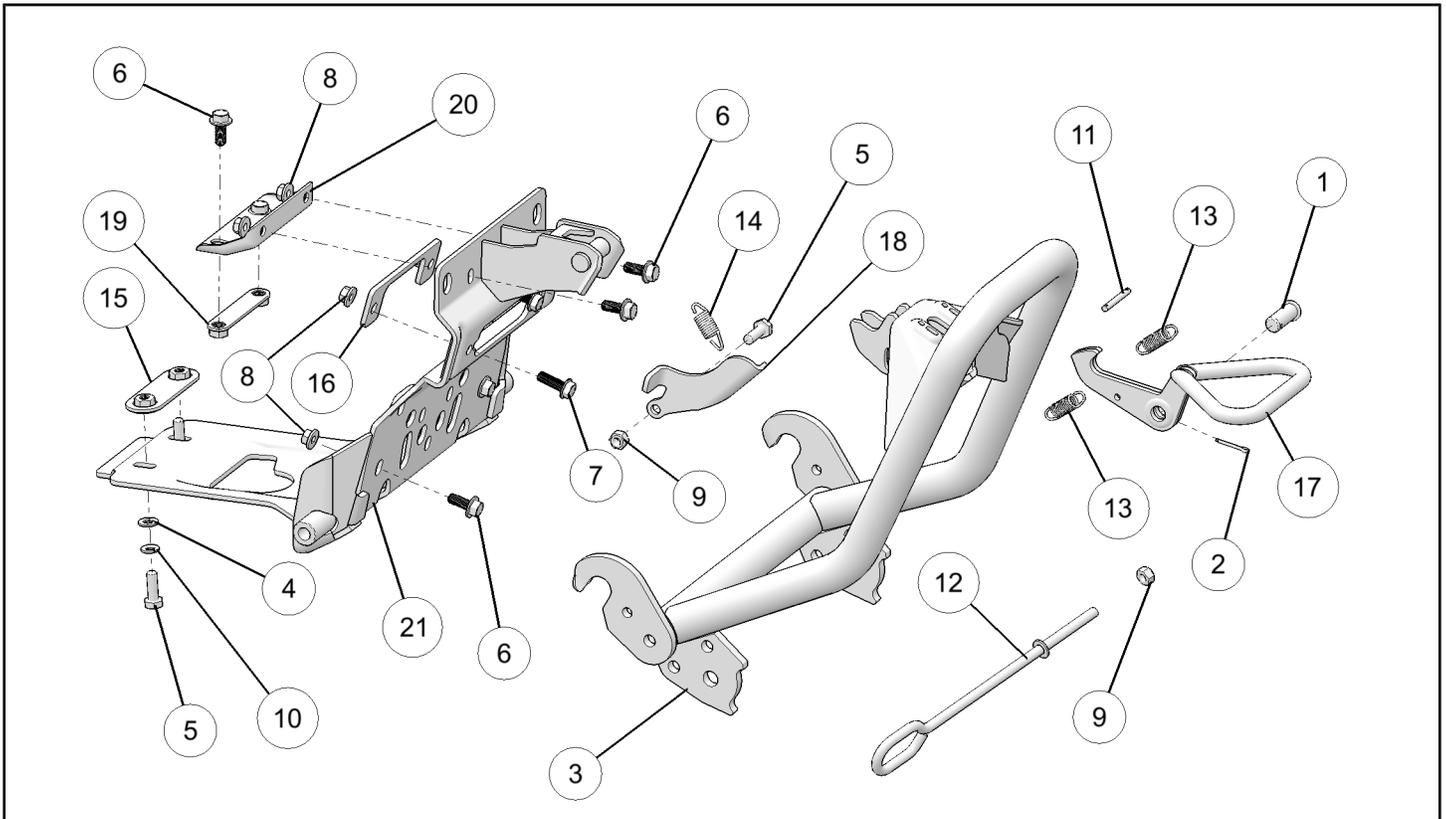
Verify accessory fitment at Polaris.com.

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1*	1	Clevis Pin .016 MM X 40 MM	-
2*	1	Cotter Pin 3 X 35 MM Zinc Plated	-
3	1	Mid Mount	1022176
4*	2	Flat Washer Zinc Plated M10, 10.5 X O.D. 20 X 2	-
5*	3	Hex. Bolt 8.8 Zink Plated M10-1.5 X 30	-
6*	6	Hex. Flange Bolt Zinc Plated M10-1.5 X 25 MM	-
7*	2	Hex. Flange Bolt Zinc Plated M10-1.5 X 30 MM	-
8*	6	Hex Flange Nut Zinc Plated M10-1.5	-
9*	2	Hex Nylon Nut Zinc Plated M10-1.5	-

REF	QTY	PART DESCRIPTION	PART NUMBER
10*	2	Lock Washer Zinc Plated M10 10.2 X OD 18.1 X 2.2	-
11*	1	Pin	-
12	1	Winch Link Mid-Size	2205057
13*	2	Spring	-
14*	1	Tension Spring	-
15*	1	Tightening Plate Assembly	-
16*	1	Fairlead Adapter Plate	-
17*	1	Lock	-
18*	1	Kickstand Lever	-
19*	1	Spacer Plate, Upper	-
20*	1	Bumper Bracket Support, Upper	-
21	1	Mount Plate	2206310
	1	Instructions	9926860

Items marked (*) are included in Hardware Kit PN 2205531.

TOOLS REQUIRED

- 3/8" Wrench and Socket
- Torque Wrench
- T40 Torx®
- 10mm, 15mm, 17mm and 19mm Sockets and Wrenches

IMPORTANT

Your PLOW MOUNT KIT is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

ASSEMBLY TIME

Approximately 45 minutes

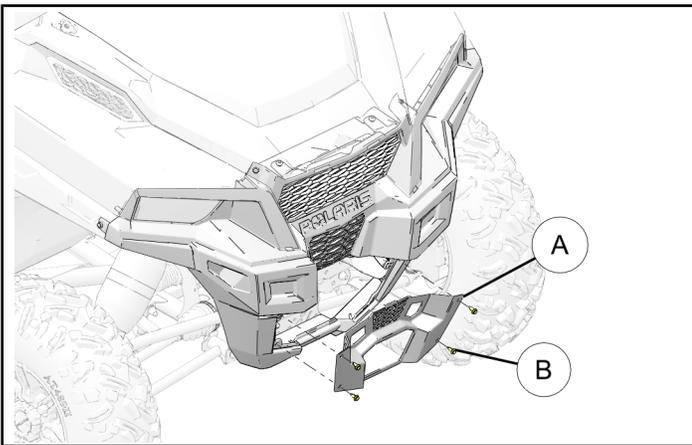
INSTALLATION INSTRUCTIONS

IMPORTANT

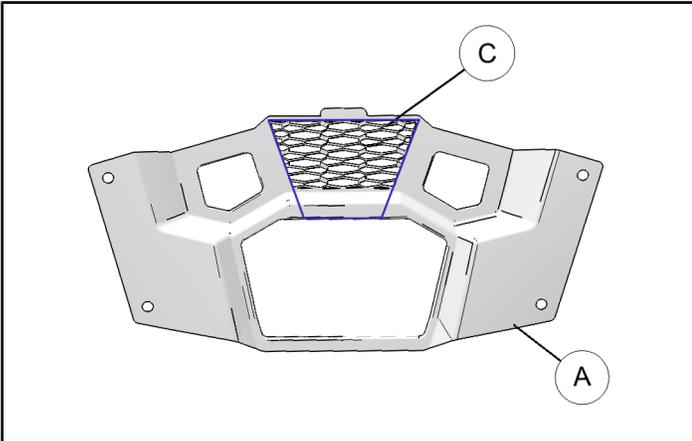
The use of a Pro HD 4500 lb. winch or a Polaris winch with the combination of a Pro HD auto-stop and synthetic winch rope are recommended with this plow system to prevent premature failure of the winch cable. Read these instructions prior to installing the winch in order to minimize the removal of parts installed with winch.

LOWER FRONT FASCIA REMOVAL

1. Remove front bumper kit (PN 2881094) if installed. Remove bumper nut plate.
2. Remove lower front fascia (A) by removing four push rivets (B).

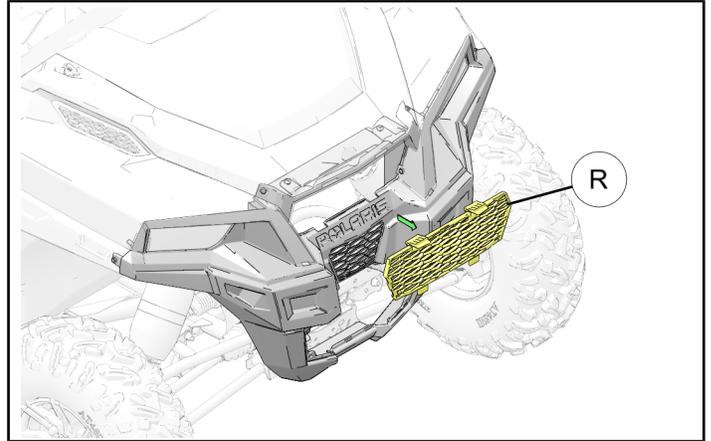


3. Cut out the grill (C) to accommodate the upper latching feature on the plow mount. Trim the area as shown below.

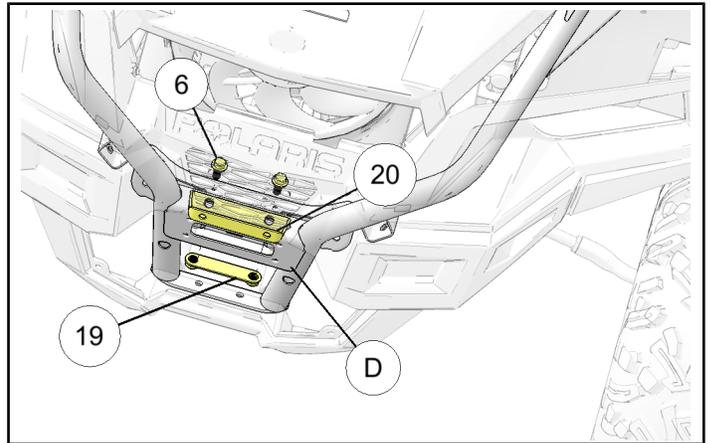


PLOW MOUNT INSTALLATION

1. Remove radiator grill (R) to gain access for installing bumper support bracket upper fasteners (6) by depressing two tabs located on upper edge as shown.



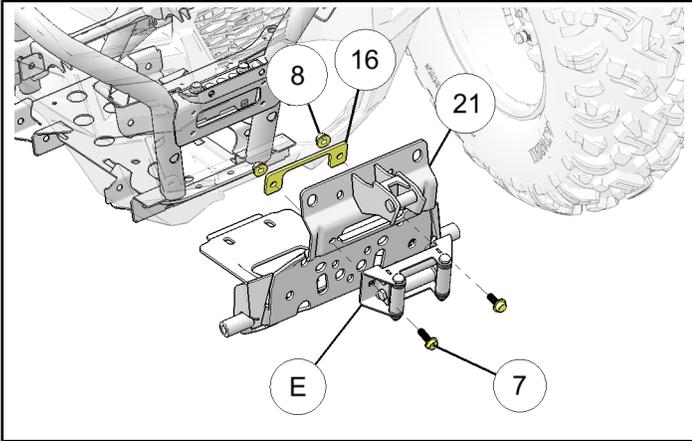
2. Install bumper support bracket (20) onto frame (D) using two bolts (6) and spacer plate (19) as shown. Finger tighten bolts at this time.



3. Fairlead Installation: Follow Step a if installing 3500 lb. winch or Step b if installing 4500 lb. winch.
 - a. Install winch fairlead (E) onto front of mount plate 21 using two bolts 7, adapter plate 16, and nuts 8 as shown. Torque to below specification.

TORQUE

40 ft. lbs. (54 Nm)



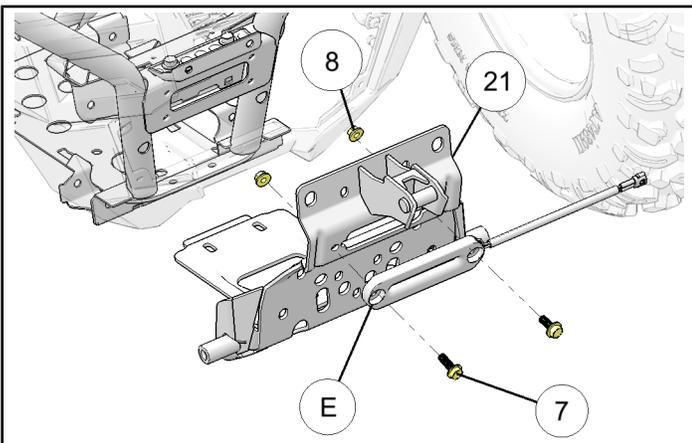
- b. Install winch fairlead (E) onto front of mount plate 21 using two bolts 7 and two flange nylon nuts 8. Torque to below specification.

TORQUE

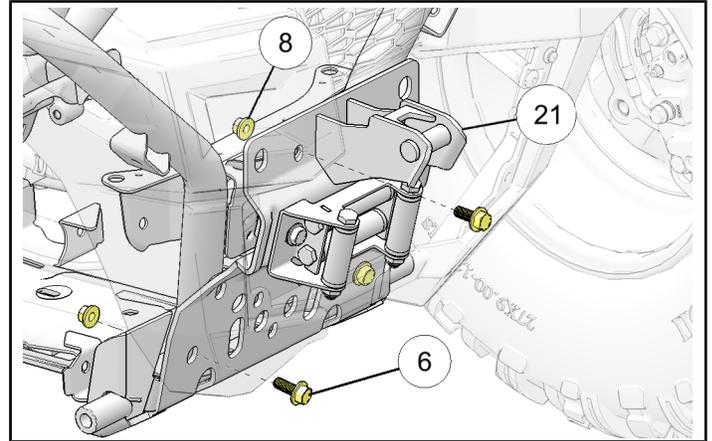
40 ft. lbs. (54 Nm)

NOTE

The fairlead adapter plate 16 is not required when using 4500 winch kit.



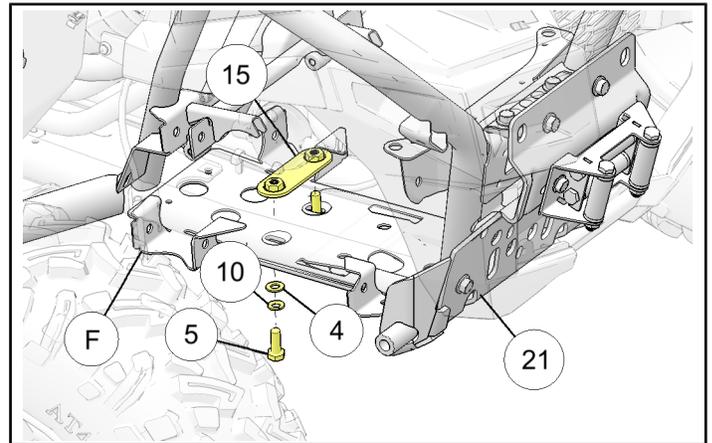
4. Feed the winch rope or cable through the fairlead prior to installation of the mount plate. Leave slack in the rope or cable so the mount plate can be easily moved into position. Install the winch hook to keep the rope or cable in place.
5. Fasten mount plate 21 to frame and upper part of bumper support bracket 20 using four bolts 6 and four nuts 8 as shown. Bolts should be finger tight at this time.



6. Fasten the rear part of the mount plate 21 to skid plate (F) using two bolts 5, two lock washers 10, two flat washers 4 and the tightening plate 15. Tighten all bolts and nuts at this time. Torque to below specification.

TORQUE

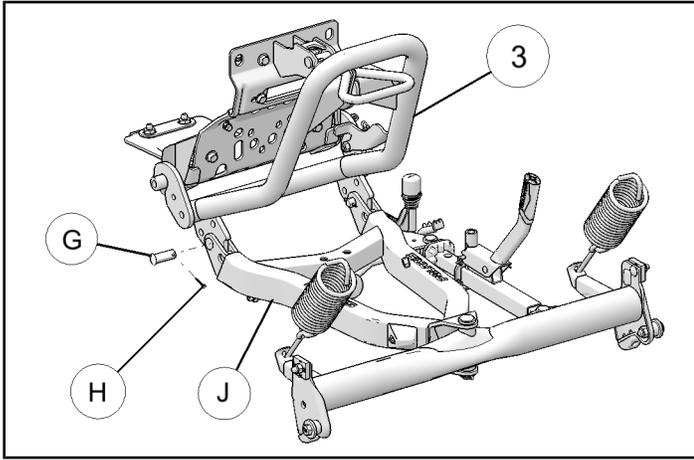
40 ft. lbs. (54 Nm)



7. Reinstall radiator grill (R) removed in Step 1.
8. Reinstall lower front fascia (A) removed in Step 2 of front fascia removal section.
9. If not installing front bumper kit (PN 2881094), install nut plate now. If installing front bumper, install nut plate as the final step of bumper hardware assembly.

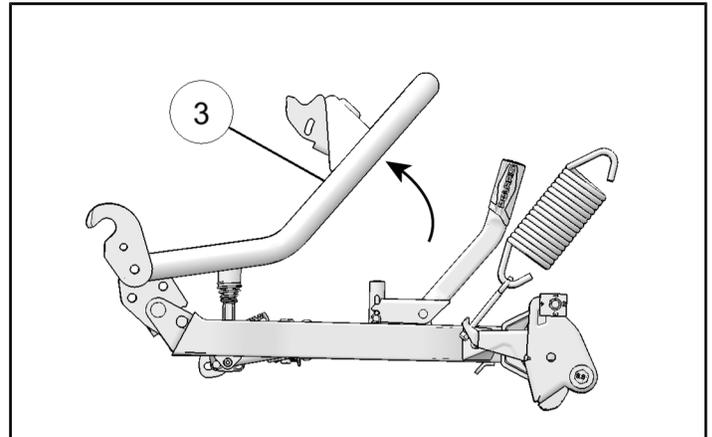
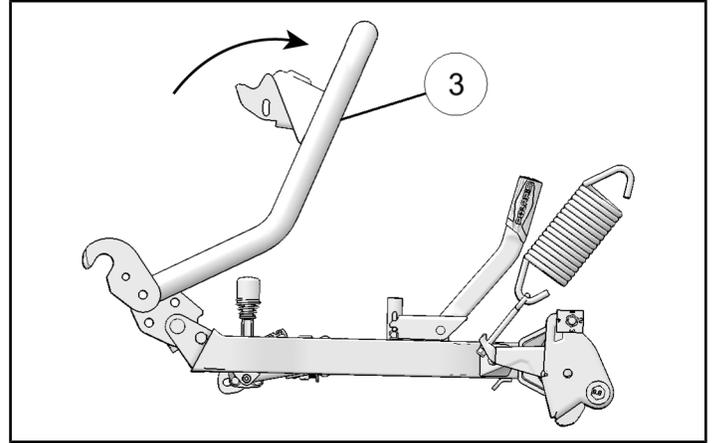
HOOKUP ASSEMBLY

1. Position the hook up ③ and insert the two hook up pins (G) into the mounting holes of the pushframe (J) and through the hook up mounting holes.
2. Insert the two 3 mm dia.X 25 mm cotter pins (H) and fold the ends so they cannot be removed.



NOTE

Make sure the hook up ③ can move as shown in the picture. If this is not the case, remove the clevis pins and reposition the handle so that the stoppers allow the part to move in the right angle.



PUSHFRAME INSTALLATION AND REMOVAL

NOTE

The first installation requires you to adjust the height of the kickstand depending on the ground clearance of your vehicle. It may be necessary to repeat the exercise if you add accessories to your vehicle that affect the ground clearance.

NOTE

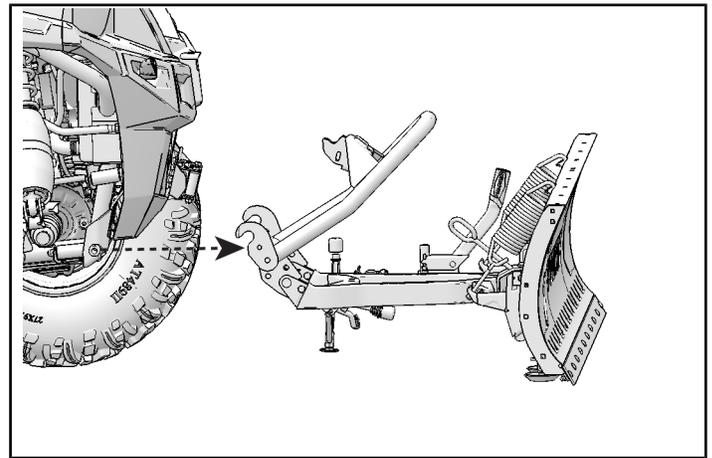
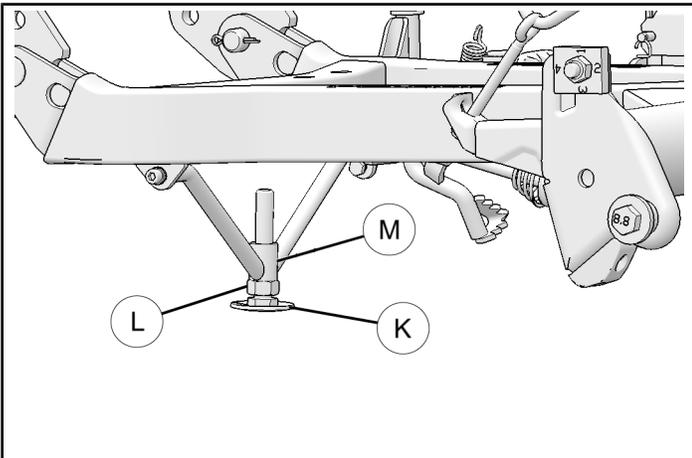
If the vehicle is too low, you may need to adjust the vehicle height by changing the adjustment of the front suspension. Refer to vehicle manual for the adjustment method.

HEIGHT ADJUSTMENT OF THE KICKSTAND

The kickstand (M) must support the push frame so the opening of the hook up aligns with the mount plate pin for easy installation and removal of the plow system. Loosen the jam nut (L) and screw the kickstand shoe (K) in or out to achieve the desired height. Check the height to make sure the hook up opening and the mount plate pin are aligned. Tighten the jam nut to secure the kickstand in place.

NOTE

It may be necessary to install the jam nut on the opposite side of the kickstand if additional adjustment is required.

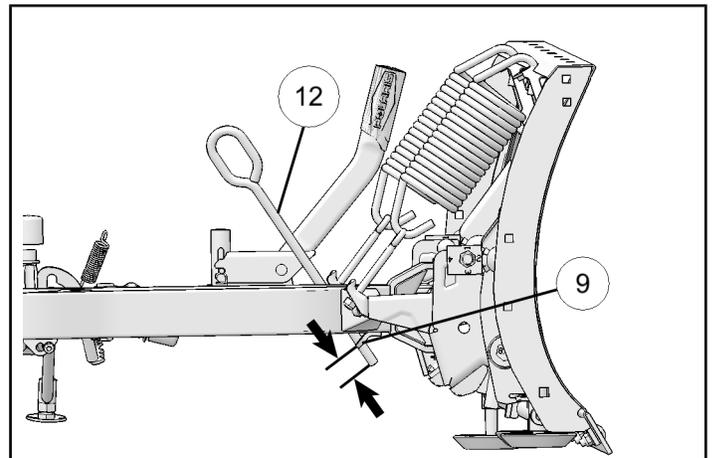


WINCH LINK INSTALLATION AND ADJUSTMENT

Assemble the winch link (12) to the plow frame as shown in the illustration and secure in place with the nylon nut (9). Attach the plow assembly to the unit and connect the winch cable to the winch link. Run the winch rope in until the auto stop is activated or until the winch hook makes contact with the fairlead. Lift up on the blade to determine if the plow system is at max lift height. The winch link should be adjusted so the plow system is at maximum lift height when the winch auto stop engages or the hook makes contact with the roller fairlead. Lower the plow system to the ground and loosen or tighten the nut on the bottom end of the winch link as required. Repeat the above steps until the maximum lift height has been achieved.

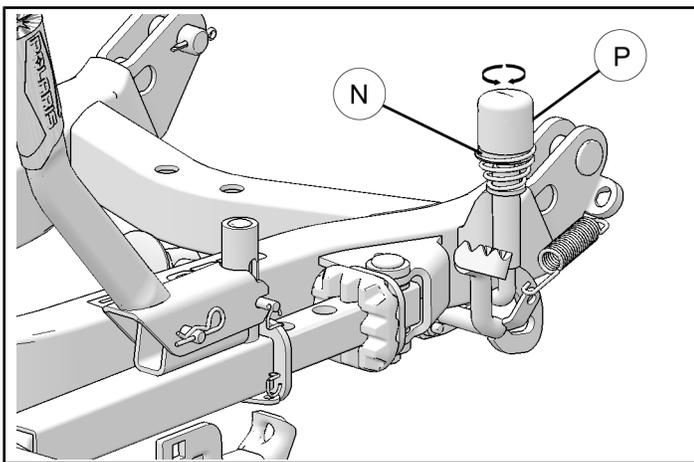
CAUTION

Always lower the plow system to the ground prior to making adjustments to avoid injury.



ADJUSTMENT OF AUTO RETRACTING KICKSTAND

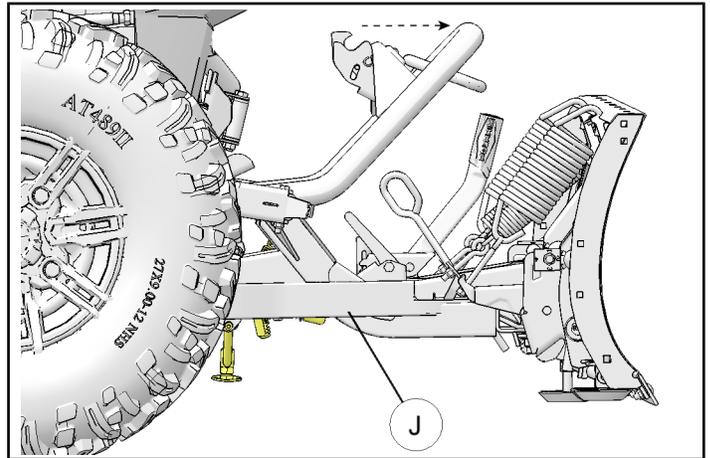
1. The auto retracting kickstand should be triggered when the cap of the J Rod makes contact with the kickstand lever of the machine. This activity should take place in the last 1/3rd of the plow travel. Follow the below steps if the kickstand fails to release properly:
 - a. Check to be sure the plow is achieving its maximum lift height by lifting up on the blade to make sure the plow is against the tops at full lift. Repeat step "Height Adjustment of Kickstand" above if adjustment is required.
 - b. Loosen the jam nut (N) on the bottom side of the cap (P) and screw the cap in or out to achieve the desired adjustment.



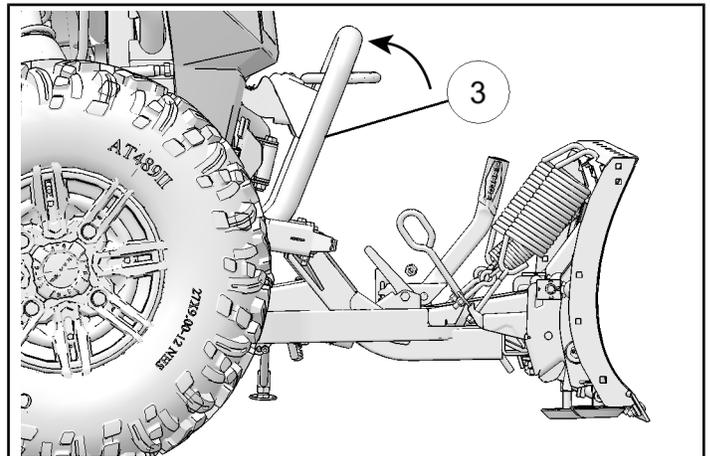
- c. Test the kickstand assembly by putting the kickstand down and lifting the plow system with the winch to it's max lift height.
- d. Repeat this process until the kickstand releases in the top 1/3rd of the plow travel.
- e. Tighten the jam nut to secure the cap in place.

PUSH FRAME INSTALLATION

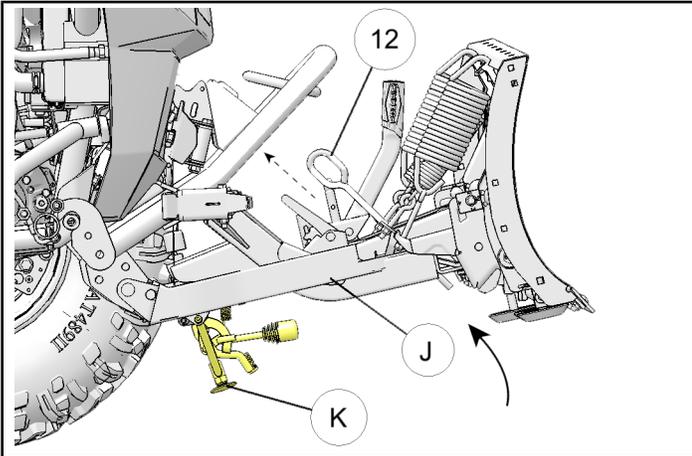
1. Move the vehicle towards the pushframe assembly. Make sure to align the vehicle with the pushframe (J).



2. Make sure the vehicle is fully engaged in the attachment plates on both sides.
3. Raise the hook up ③ by pulling up towards the vehicle until the opening of the hook assembly latches securely around the top tube of the mount plate. If the hook up does not engage completely, check to be sure the lower latch point of the hook up is fully seated on the lower pin of the mount plate. Check for snow or ice accumulation that could cause misalignment of the system.



- Once the pushframe (J) is attached to the vehicle, the kickstand should be slightly raised. The kickstand shoe (K) should not touch the ground. If it touches the ground, the kickstand shoe (K) is not adjusted to the proper height. Repeat steps of adjusting the height of the kickstand.
- Connect the hook of the winch onto the winch link (12).



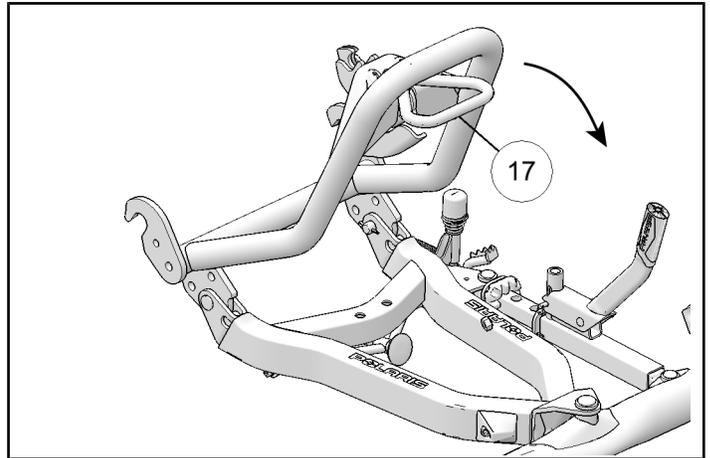
- With the winch, raise the pushframe until the kickstand release lever engages and the kickstand is lifted automatically. The blade should be in the top 1/3rd of its travel when the kickstand retracts.

NOTE

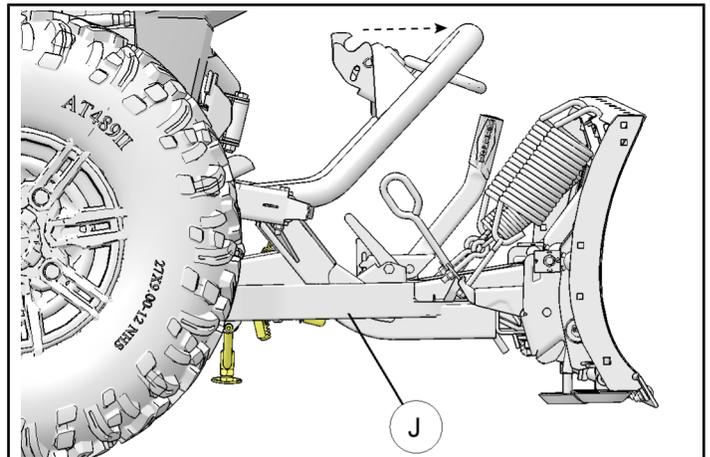
Refer to the kickstand adjustment section for proper adjustment procedure if the kickstand fails to retract.

PUSH FRAME REMOVAL

- Lower the pushframe using the winch until the blade touches the ground and the winch cable tension is fully released. Remove the hook of the winch from the winch link.
- Lower the kickstand until the locking mechanism engages. At that time, the kickstand shoe should not touch the ground. If it touches the ground, the height of the kickstand must be adjusted.
- Pull up the release handle (17) and hold the handle while lowering it down until it stops. At that time the system is disengaged from the vehicle.

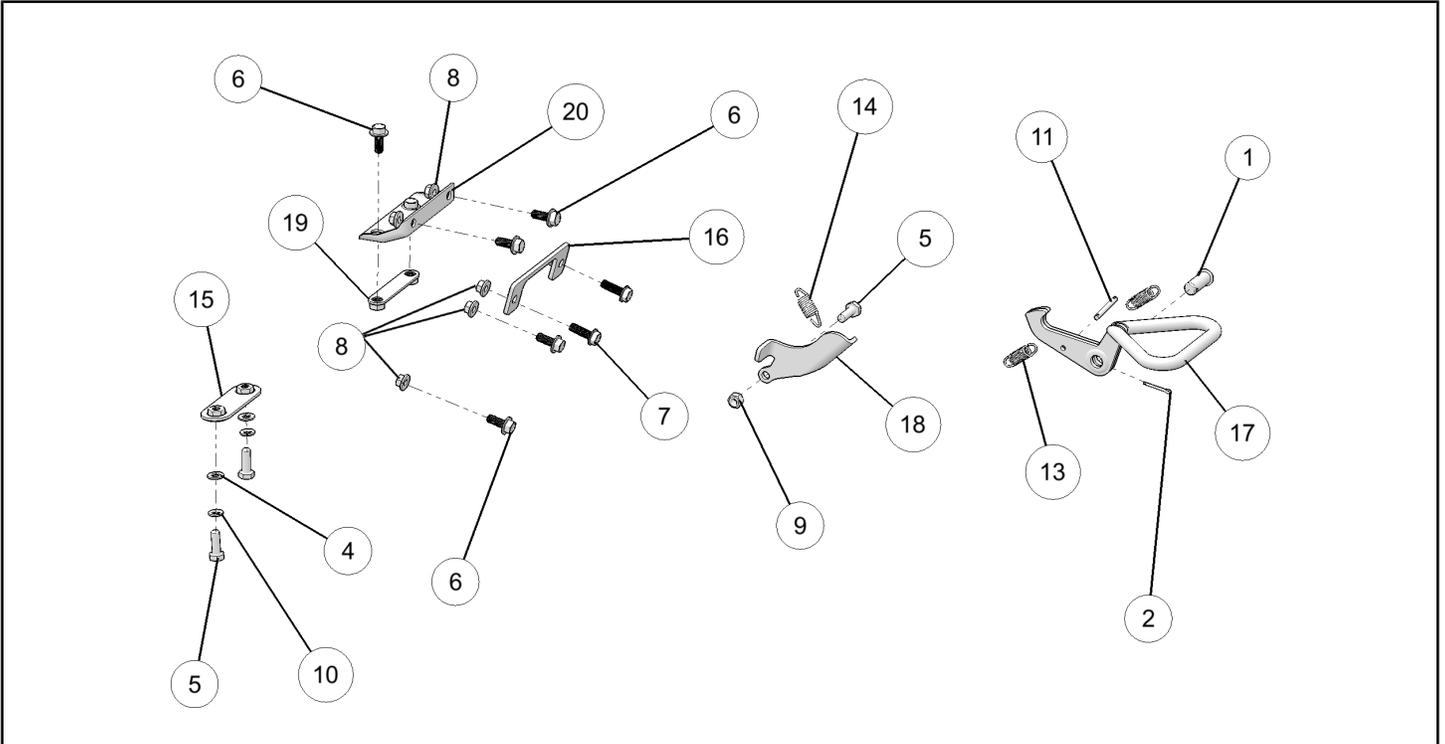


- Retract the winch cable.
- Slowly back the vehicle in a straight line up until it is no longer in contact with the pushframe (J).

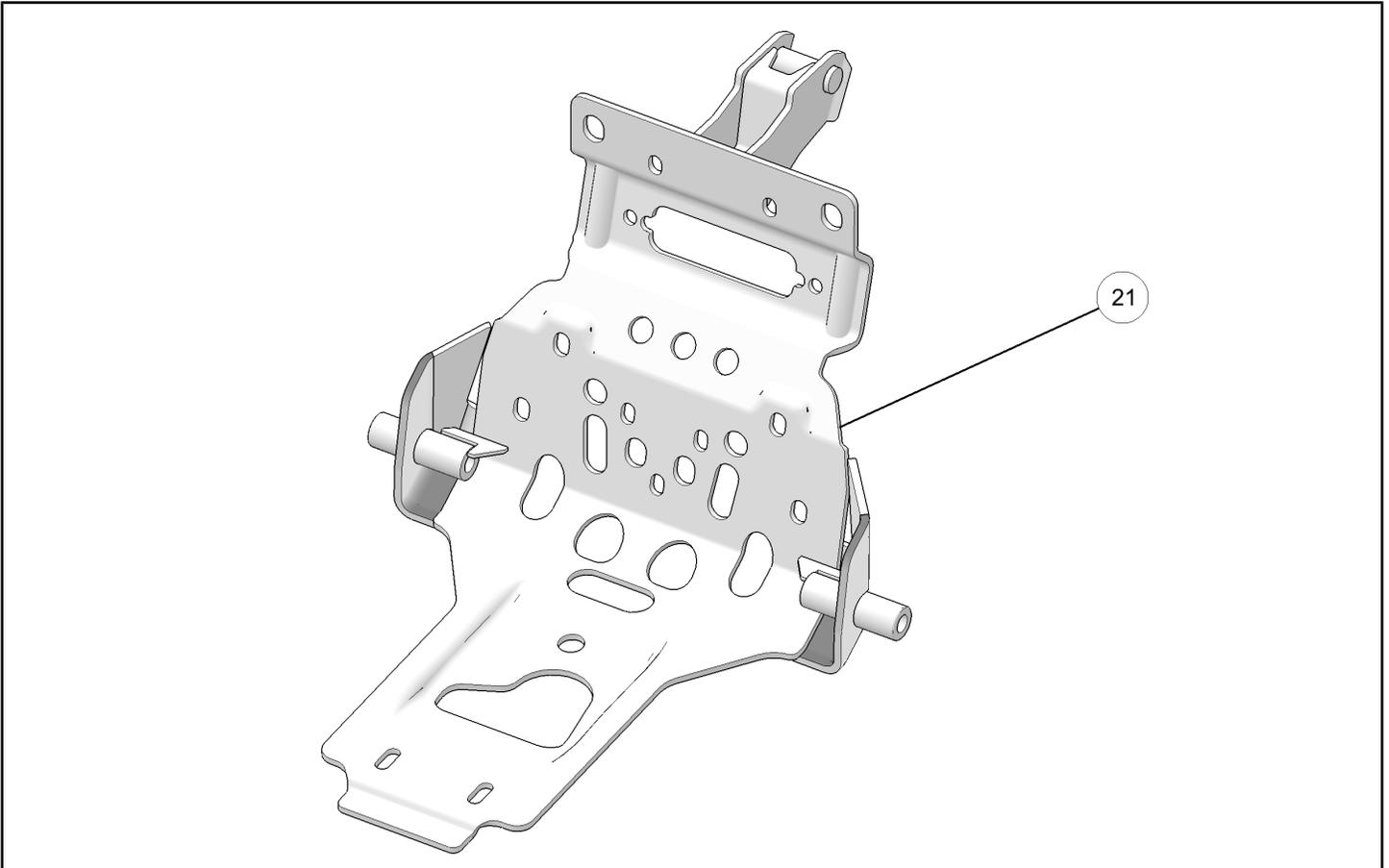


KITS

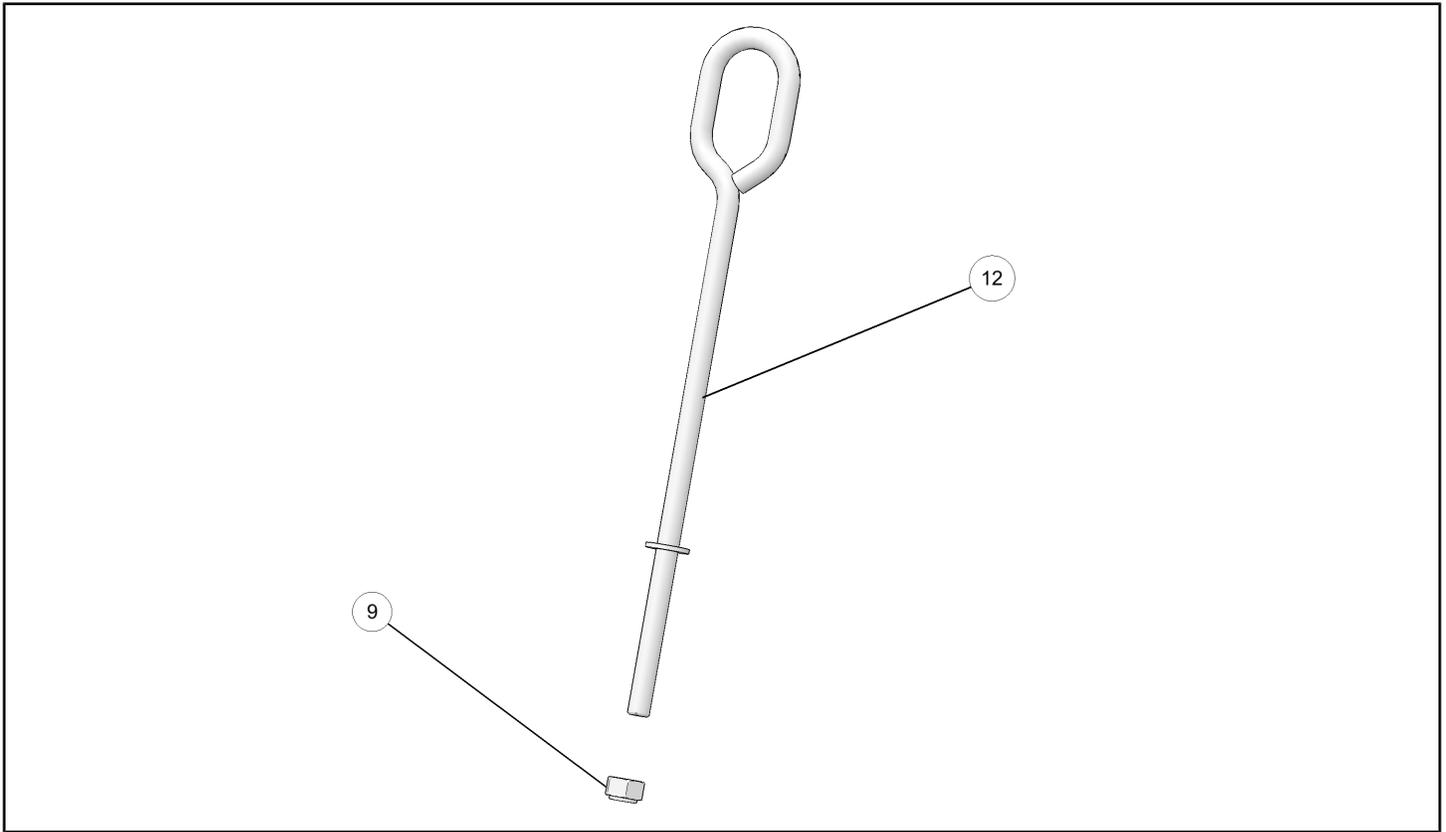
Hardware Mounting Kit (2205531)



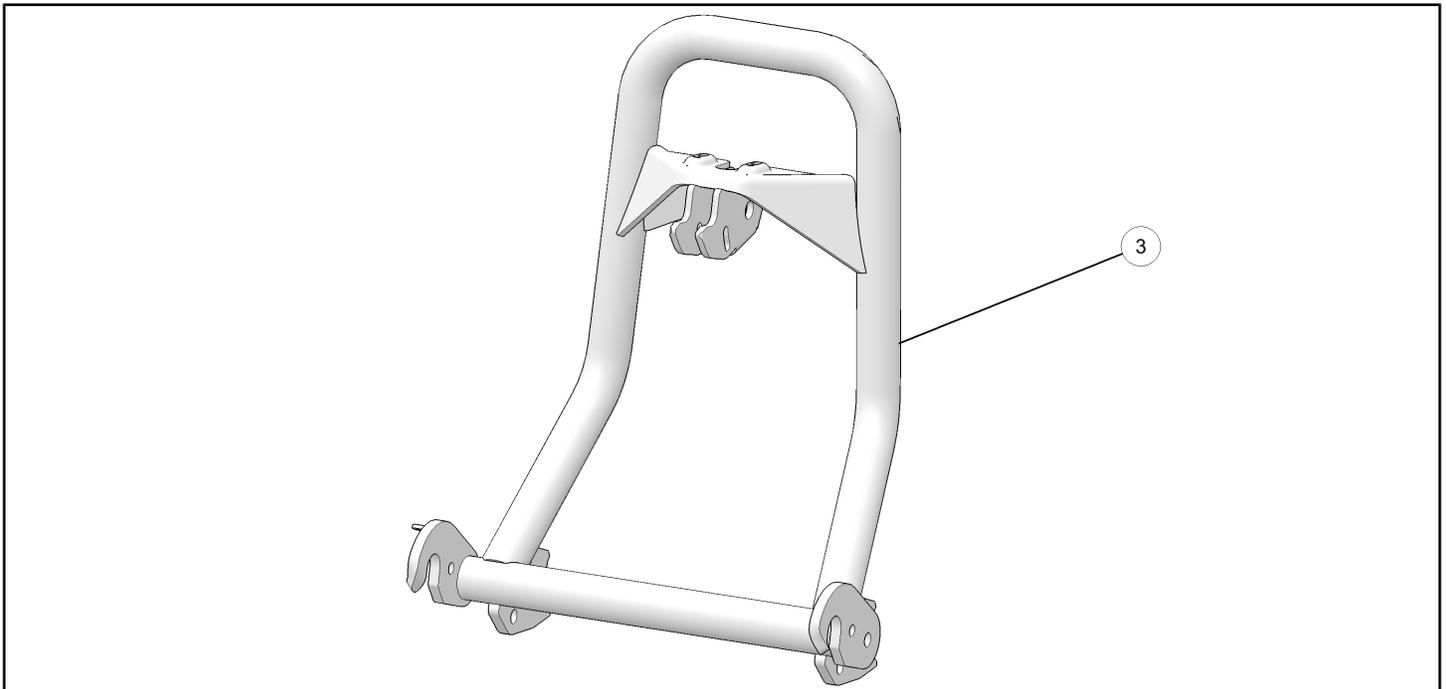
Mounting Plate (2206310)



Winch Link Kit (2205057)



Mid Mount Kit (1022176)



COMPATIBILITY

- Compatible with Front Bumper Kit PN 2881094
- Compatible with Plow Extension Kit (for use with tracks) PN 2880267