

PLOW LIFT KIT



P/N 2883410

APPLICATION

Verify accessory fitment at Polaris.com.

BEFORE YOU BEGIN

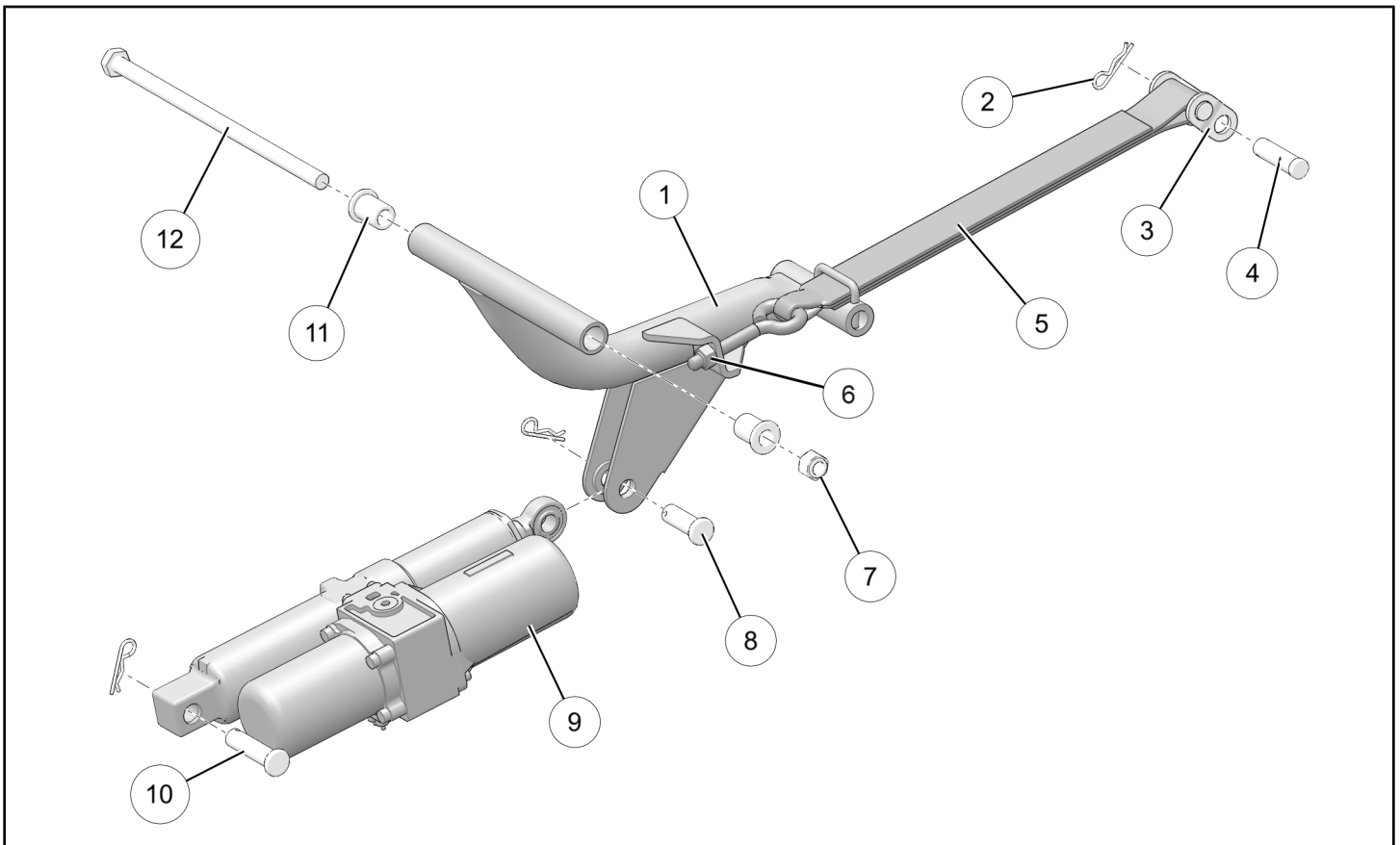
Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This kit contains parts for installation of the plow lift cylinder only. Prior installation of the following additional kits is also required (sold separately):

- Plow system (pushframe and blade)
- Plow Controller Kit, PN 2883247

This kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER	INCLUDED IN SERVICE KIT
1	1	Lift Arm	2204979	-
2	3	Hairpin Clip	-	2204891
3	1	Link, Strap	-	2204891
4	1	Pin, Clevis - M14 X 47	-	2204891

REF	QTY	PART DESCRIPTION	PART NUMBER	INCLUDED IN SERVICE KIT
5	1	Strap	-	2204963
6	1	Nut, Hex, Locking - M10 X 1.5	-	2204963
7	1	Nut, Hex, Locking - M12 X 1.75	-	2204891
8	1	Pin, Clevis - M14 X 39	-	2204891
9	1	Cylinder, Plow Lift	2879221	-
10	1	Pin, Clevis - M14 X 54	-	2204891
11	2	Bushing	-	2204891
12	1	Screw, Hex - M12 X 1.75 X 260	-	2204891
13	2	Cable Tie (not shown)	7080492	-
	1	Instructions	9928735	-

TOOLS REQUIRED

- Safety Glasses
- Socket Set, Metric
- Wrench Set, Metric

IMPORTANT

Your Plow Lift 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.

INSTALLATION INSTRUCTIONS

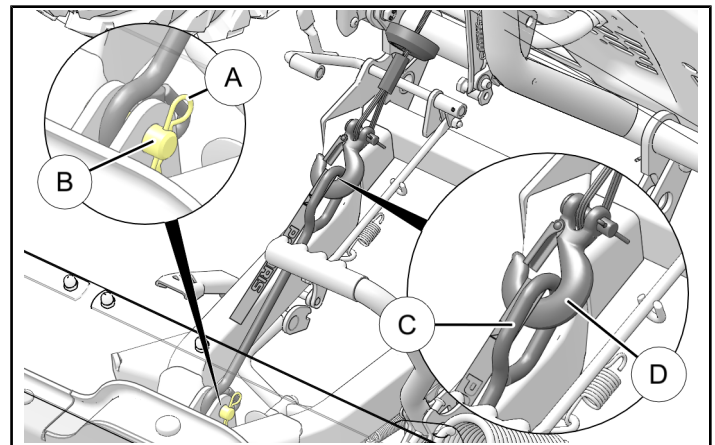
1. Shift vehicle transmission into "PARK". Turn ignition switch to "OFF" position and remove key.
2. If winch IS NOT used to provide plow lift function, then proceed to Step 3.

If winch IS used to provide plow lift function, then detach winch lift components as follows:

- a. With blade resting firmly on ground and slight slack in winch rope/cable, remove hairpin clip **A** and clevis pin **B**. Clip and pin will not be reused.

NOTE

Winch Kit PN 2882716 shown; other winch kits similar.
Blade shown transparent for clarity.

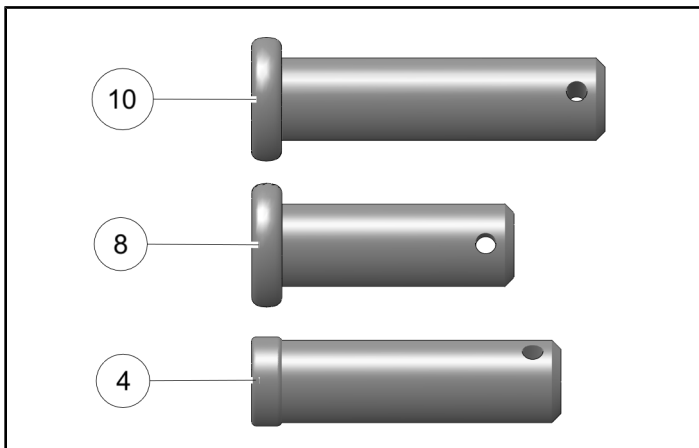


- b. Detach blade lift link **C** from winch hook **D**. Link will not be reused.
- c. Turn ignition switch to "ACC" position. Recover winch rope/cable, then turn ignition switch to "OFF" position and remove key.

NOTE

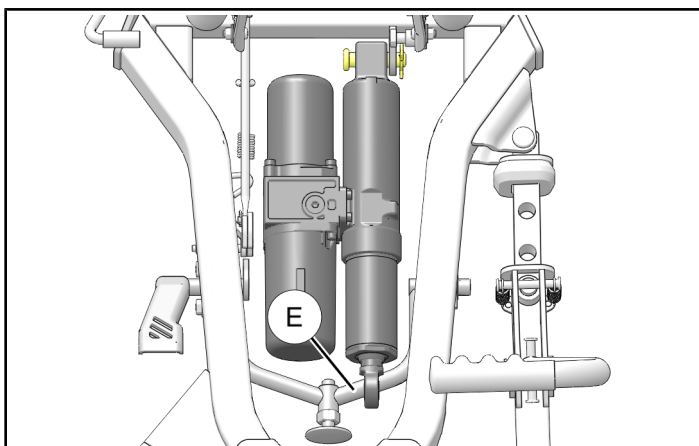
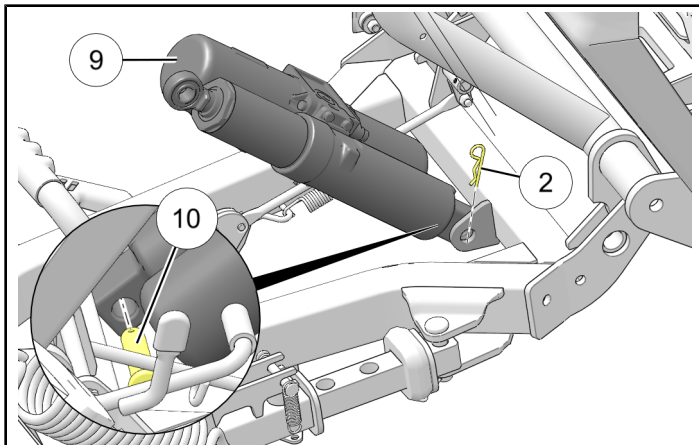
See Winch Kit instructions for operation detail.

3. Observe length and head profile of three clevis pins included in this kit.

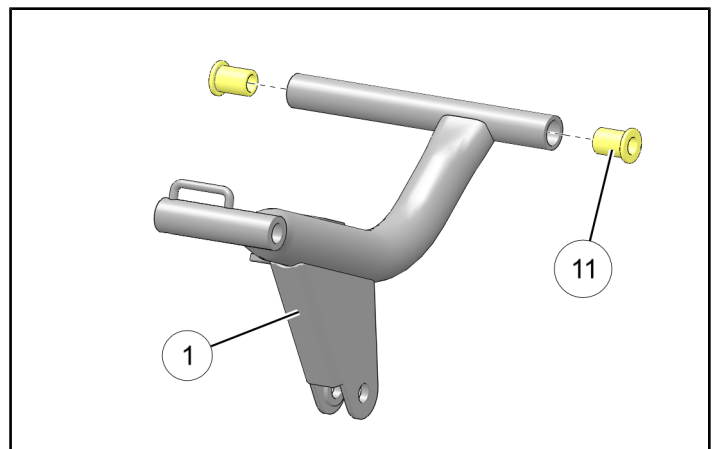


4. Install rear end of lift cylinder ⑨ to pushframe bracket using LONG clevis pin ⑩ and hairpin clip ②.

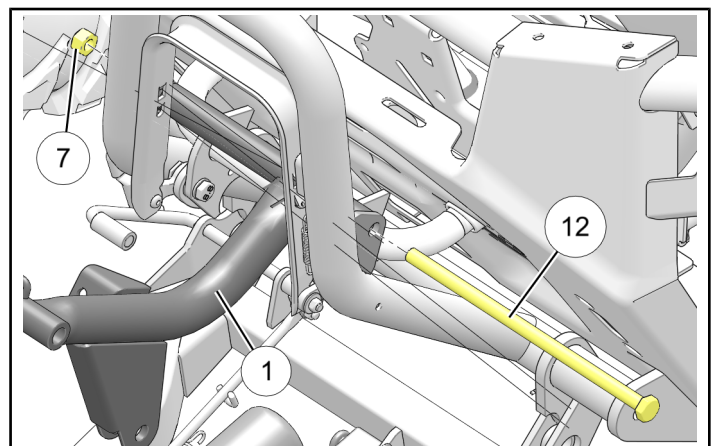
Carefully allow cylinder to pivot down until forward end rests on kickstand ⑤.



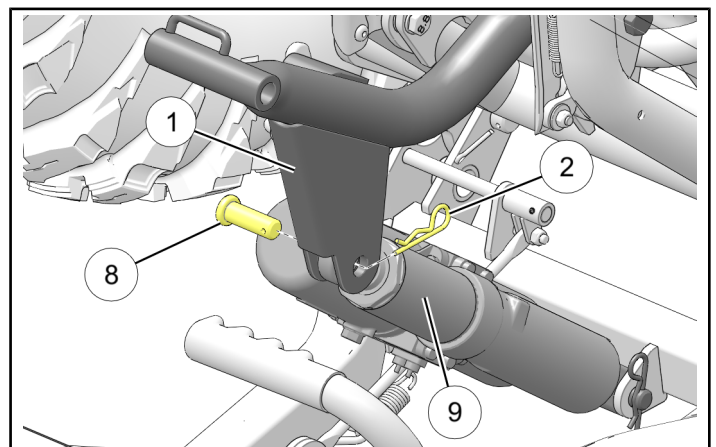
5. Insert two bushings ⑪ into lift arm ①.



6. Install upper end of lift arm ① to pushframe brackets using bolt ⑫ and nut ⑦. Tighten nut until play is removed, but not so tight as to prevent lift arm from pivoting freely on bolt.



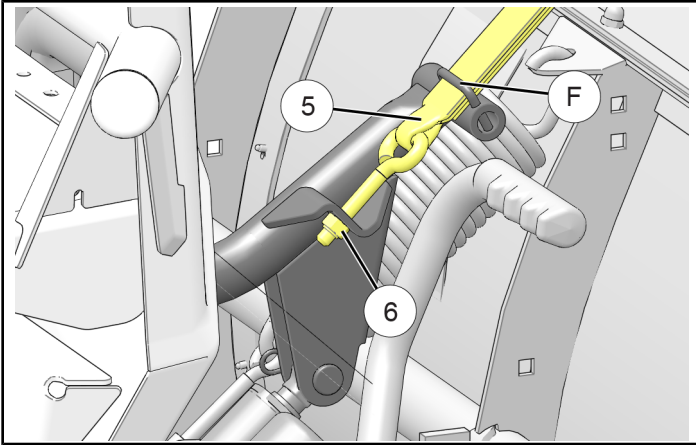
7. Connect lower end of lift arm ① to front end of lift cylinder ⑨ using SHORT clevis pin ⑧ and hairpin clip ②.



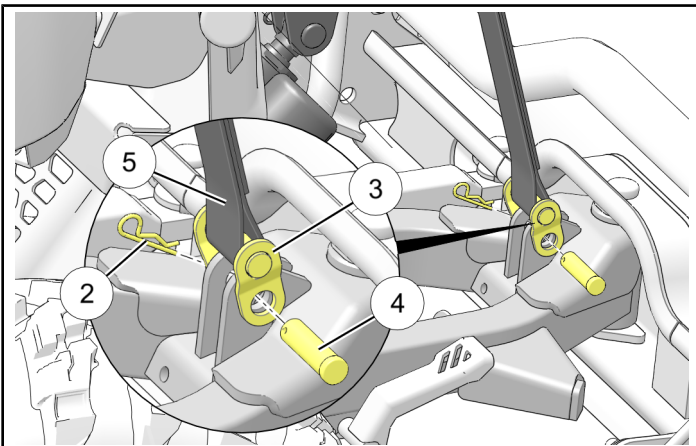
8. Thread strap ⑤ through guide ⑥ in lift arm, then install eye bolt to lift arm using nut ⑥.

NOTE

Length will be adjusted in Step 11.



9. Thread strap link ③ through loop in end of strap ⑤, then install link to pushframe using remaining clevis pin ④ and hairpin clip ②.



10. Join connector from lift cylinder ⑨ to mating **LIFT** connector from Plow Controller Kit (sold separately). Ensure harness routing will prevent binding, as well as contact with sharp edges or moving parts, **THROUGHOUT THE FULL RANGE** of cylinder travel.

NOTE

See Plow Controller Kit instructions for connector details.
Harness will be secured in Step 12.

11. Adjust lift strap length. Goal is to adjust strap length to provide BOTH of the following:

- As **SHORT** as possible to provide maximum ground clearance when blade is lifted, but **WITHOUT** pushframe contacting mechanical stops at full cylinder extension
- As **LONG** as necessary to ensure blade can drop into shallow valleys or depressions during plowing, as well as provide easy removal/ installation of clevis pin ④ when on level ground
 - a. Turn ignition switch to “ACC” position.
 - b. Fully extend cylinder (UP button on controller). Ensure harness does not bind, or contact sharp edges or moving parts, during cylinder travel.
 - c. Using **TWO** people, attempt to lift blade up, then perform the following:

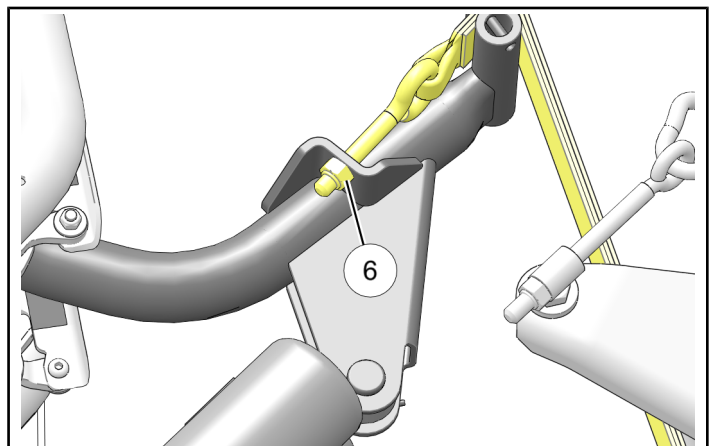
NOTE

Weight of installed assembly at blade approximately 90 lbs (41 Kg).

- If blade **CAN** be lifted, then lower blade to ground, **TIGHTEN** nut ⑥ **ONE** full revolution, then return to Step b.
- If blade **CAN NOT** be lifted, then lower blade to ground, **LOOSEN** nut ⑥ **ONE** full revolution, then return to Step b.

NOTE

Ensure blade is on **GROUND**, not kickstand, during adjustment.



- d. Repeat Steps b-c until full cylinder extension occurs **JUST PRIOR** to pushframe contacting mechanical stops.
- e. Lower blade to ground. Turn ignition switch to “OFF” position and remove key.

- f. Ensure plow system can be removed and installed without binding. If binding occurs, LOOSEN nut ⑥ as required.

NOTE

Lift strap may stretch slightly with use. Periodically adjust strap as required.

- 12. Secure harness using two cable ties ⑬.

FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

⚠ WARNING

Damaged or worn lift strap must be replaced. Failure to comply may allow blade to drop unexpectedly to ground, causing vehicle to slow or stop suddenly, resulting in serious personal injury or death.

- 13. Inspect lift strap annually, or whenever damage may be suspected. Replace strap if damaged or worn.

FEEDBACK FORM

