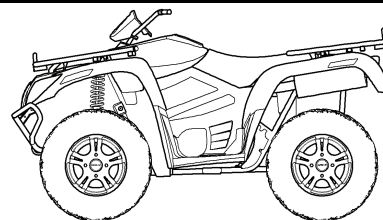


Arctic Cat® ATV

Installation Instructions - Accessory Kit

Snowplow Push Frame/Attachment Kits (p/n 0436-636/635) & (p/n 1436-191)



■ **NOTE:** Read these installation instructions thoroughly before beginning the installation process. Retain these Installation Instructions for future reference.

Application: All 2005-2011 full size models
(excluding 2005 TRV models and 2005 400 models).

Kit includes:

p/n	QTY	DESCRIPTION
1441-198	1	Main Frame
0441-326	2	Attachment Plate Lever
8408-850	2	Cap Screw (M8-1.25 x 50 mm)
8050-247	2	Washer (5/16 in. ID)
0441-327	2	Compression Spring
8432-802	7	Lock Nut (M8-1.25)
1441-210	1	Swivel Plate
0423-899	1	Lock Nut (M16-1.5)
0623-220	1	Washer (5/8 in. ID)
1441-990	1	Winch Lift Bracket
8408-840	1	Cap Screw (M8-1.25 x 40 mm)
0423-583	1	Clevis pin
0423-582	1	"R" Pin
1441-215	1	Lever (Angle Adjust)
1441-219	1	Lever Grip (Angle Adjust)
8408-830	1	Cap Screw (M8-1.25 x 30 mm)
0441-323	1	Tension Spring
8002-409	2	Cap Screw (1/2-13 x 2-1/2 in.)
8050-337	4	Washer (1/2 in. ID)
8040-606	2	Lock Nut (1/2-13)
0441-320	2	Stop Block (Adjustable)
8408-835	2	Cap Screw (M10-1.25 x 35 mm)
8422-002	2	Lock Nut (M10-1.25)
0441-333	2	Kickover Tension Spring
0423-900	2	Eye Bolt (M8-1.25 x 50 mm)
*1441-220	1	Attachment Plate (Right-Side)
*1441-221	1	Attachment Plate (Left-Side)
*8409-025	4	Cap Screw (M10-1.25 x 25 mm)
*8050-277	4	Washer (3/8 in. ID)
**0541-618	1	Attachment Plate (Right-Side)
**0541-619	1	Attachment Plate (Left-Side)
**8408-820	6	Cap Screw (M8 x 1.25 x 20 mm)
0453-539	1	Instructions

* Included in Kit (p/n 0436-635)

** Included in Kit (p/n 1436-191)

■ **NOTE:** Kit (p/n 0436-636) must be used in conjunction with either Kit (p/n 0436-635) or (p/n 1436-191). These kits are NOT recommended for 2x4 applications.

Snowplow Assembly

1. Position Main Frame on a flat, level surface.
2. Place the snowplow blade face down at the front of the Swivel Plate. Secure the blade to the swivel plate using two 1/2 x 2-1/2 in. Cap Screws, four Washers, and two 1/2 in. Lock Nuts. Tighten the nuts until secure; then loosen 1/4 to 1/2 turn. See Fig. 3.

■ **NOTE:** The blade must be allowed to rotate freely. Periodically check the tightness to prevent unnecessary wear.

3. Install the Adjustable Stop Blocks using two M10 x 35 mm Cap Screws and Lock Nuts. Rotate the blocks until both are at the same setting. Do not tighten at this time.
4. Rotate the plow blade back to an upright position until the frame comes into contact with the stop blocks. Check the stop blocks to ensure both are set the same and are fully seated against the blade frame. Tighten the cap screws and lock nuts securely.
5. Connect one Eye Bolt loop to one end of the Kickover Tension Spring. Connect the opposite end of the spring to the pre-drilled hole at the top of the blade frame. Install the threaded section of the eye bolt through the pre-drilled hole in the swivel plate and secure with a lock nut. Tighten nut until 1/4 in. of thread appears past the nut. Repeat for opposite side.
6. Slide the Angle Adjust Lever Grip onto the Angle Adjust Lever until fully seated.
7. Install the angle adjust lever into the bracket on the main frame and secure with a M8 x 30 mm cap screw and lock nut. Do not over-tighten.

■ **NOTE:** Angle adjust lever must be allowed to rotate.

8. Install Winch Lift Bracket and secure with M8 x 40 mm cap screw and a lock nut through the slotted hole in the swivel plate and main frame. Tighten nut until secure; then loosen 1/4 to 1/2 turn. Insert the Clevis Pin through the holes in the winch lift bracket and secure with the "R" Pin.

■ **NOTE:** The swivel plate must be allowed to turn freely. Periodically check tightness and operation.

9. Connect one end of the Tension Spring to the pre-drilled hole at the bottom of the angle adjust lever. Loop the opposite end of the spring end around the threaded part of the cap screw installed in previous step. Secure with a lock nut.
10. Install the Attachment Plate Lever on one side of the rear main frame using a M8 x 50 mm cap screw, a washer, a Compression Spring, and a lock nut. Tighten nut until threads appear past nut. Repeat step for opposite side.

Installing Attachment Plate to ATV (Except 366)

1. Remove the two 10 mm cap screws that secure the left-side footrest. Discard the cap screws. Align the Attachment Plate mounting holes with the footrest mounting holes; then secure with two M10 x 25 mm cap screws and washers making sure the weld pin on the attachment plate faces outward. Repeat for right-side footrest.

CAUTION

Ensure that the attachment plate mounting holes are aligned with the footrest mounting holes before tightening the cap screws. Failure to do so will result in cross threading of the frame weld nuts.

Installing Attachment Plate to ATV (366)

1. Remove the front three cap screws that secure the left-side footrest. Discard the cap screws. Align the Attachment Plate mounting holes with the footrest mounting holes; then secure with three M8 x 20 mm cap screws making sure the weld pin on the attachment plate faces outward. Repeat for right-side footrest.

■ **NOTE:** Leave the rear-most M8 cap screws attached to the footrest mounts.

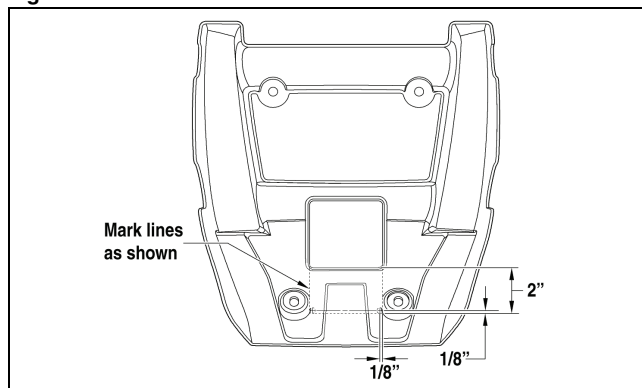
CAUTION

Ensure that the attachment plate mounting holes are aligned with the footrest mounting holes before tightening the cap screws. Failure to do so will result in cross threading of the frame weld nuts.

Cutting Clearance in Lower Front Plastic Fascia (366)

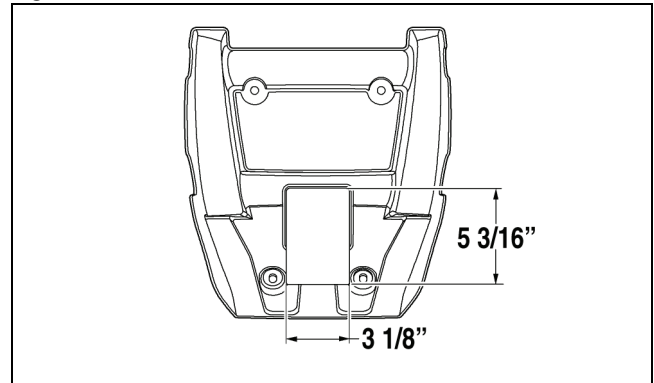
1. Remove the four M6 hex cap screws and washers holding the lower front plastic fascia in place.
2. On the back side of the fascia, mark or scribe lines by extending two lines 2 inches down from the inside edges of the existing opening. See Fig. 1.

Fig. 1



3. Mark or scribe a horizontal line between the 2 lines marked in step 2. Make sure the line is 2 inches down from the bottom edge of the existing opening.
4. Mark hole centers 1/8 inch inside the marked lines on the two lower corners.
5. Drill 1/4 in. holes on the hole centers.
6. Cut the fascia along the marked lines. Deburr any rough edges. See Fig. 2.

Fig. 2



7. Install the plastic fascia by loosely securing the lower two M6 hex fasteners and washers first; then align and loosely secure the upper two M6 hex fasteners and washers.
8. Center the fascia on the fasteners; then tighten securely.

CAUTION

The lower front plastic fascia will need to be cut to allow for proper clearance with the plow main frame. Failure to do so may result in damage to the plastic fascia.

Securing snowplow to ATV

1. Lay the plow mount/blade assembly on a flat, level surface. Align the ATV and the snowplow main frame with the blade positioned at the front of the ATV.
2. Lift the rear of the main frame until the attachment plate pins align and drop into the "L" shaped cut-outs in the main frame.
3. Pull and rotate the spring-loaded attachment plate lever over the pin locking the main frame to the attachment plate(s)/ATV frame. Repeat for opposite side.

Operating Snowplow with Winch

1. Remove the hook from the winch cable; then attach the looped end of the winch cable to the clevis pin of the winch lift bracket on the plow main frame. Secure the clevis pin with the "R" pin.

⚠ WARNING

The winch will not automatically stop at the full-up position. Severe damage to the plow and ATV or personal injury may occur if the electric winch is not disengaged after the plow has reached the full-up position.

CAUTION

Do not attach the winch hook directly to the plow main frame. Damage to the frame assembly may occur.

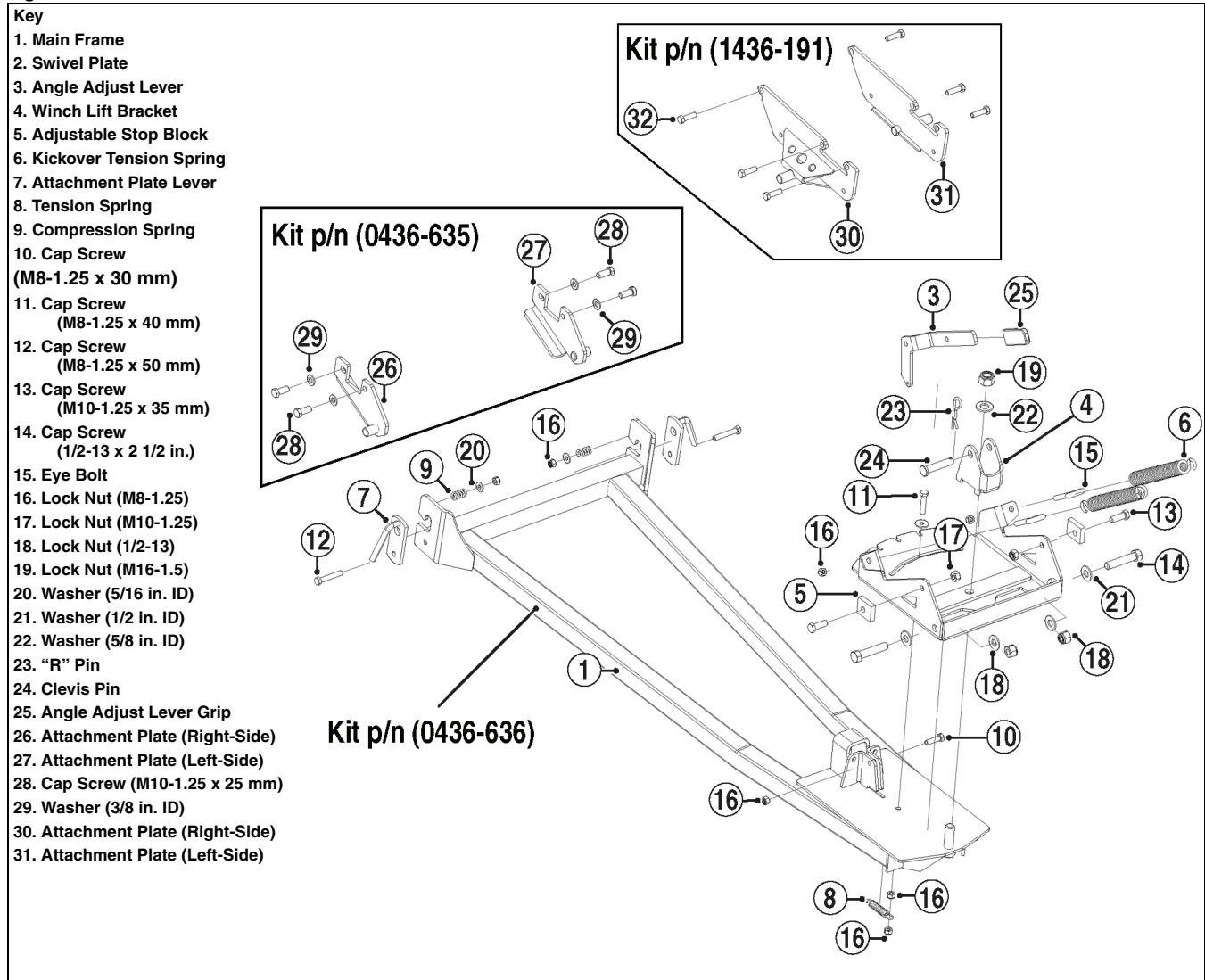
CAUTION

Do not over-tighten the winch. Damage to the ATV may occur.

Checking for Clearance with Snowplow Main Frame (366)

1. Slowly toggle the plow main frame to the up position making sure there is proper clearance with the lower front plastic fascia.
2. If any binding or interference with the plastic fascia occurs, cut more clearance into the plastic fascia as needed.

Fig. 3



ATV-3012A