

87567

MOUNT KIT

John Deere XUV835/865 Winch Harness Integration

Parts List and Installation Instructions

▲ CAUTION

Read this document before installing the snowplow.

▲ CAUTION

See your sales outlet/website for specific vehicle application recommendations before installation. The online selection tool has specific vehicle and snowplow requirements.

PARTS LIST

Winch Lift Harness Kit		
Part	Description	Qty
30880	Roller Fairlead	1
30885	Switch/Base Assembly with Harness (includes shift lever knob, bracket, and hardware)	1
30890	M10 x 25 Carriage Bolt	2
30895	M10 Locknut	2
30900	Tie Strap	2

SAFETY DEFINITIONS

⚠ WARNING


Indicates a potentially hazardous situation that, if not avoided, could result in death or serious personal injury.

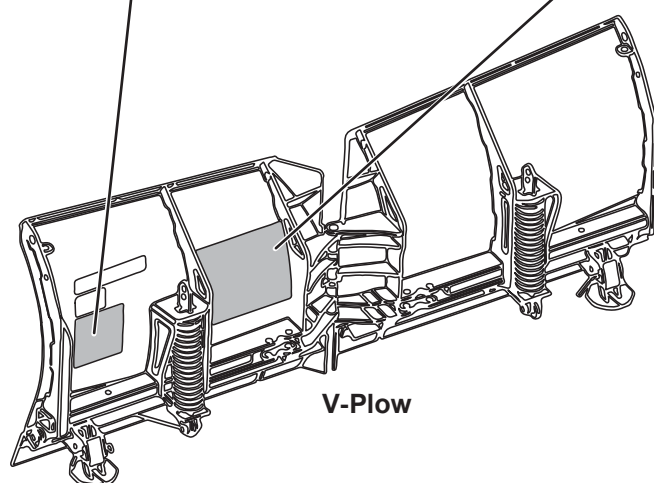
⚠ CAUTION

Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTE: Indicates a situation or action that can lead to damage to your snowplow and vehicle or other property. Other useful information can also be described.

Warning/Caution Label

⚠ WARNING	
	Blade could drop unexpectedly, crushing or trapping limbs. Lower blade when vehicle is parked.
	Overloading could negatively affect vehicle handling. To avoid serious injury or death, do not exceed maximum vehicle load capacity, including blade and ballast.
⚠ CAUTION	
	Read Owner's Manual before operating or servicing snowplow.
	Transport speed should not exceed 20 mph (32 km/h). Further reduce speed under adverse travel conditions.
	Plowing speed should not exceed 10 mph (16 km/h).
	See your sales outlet/website for specific vehicle application recommendations.

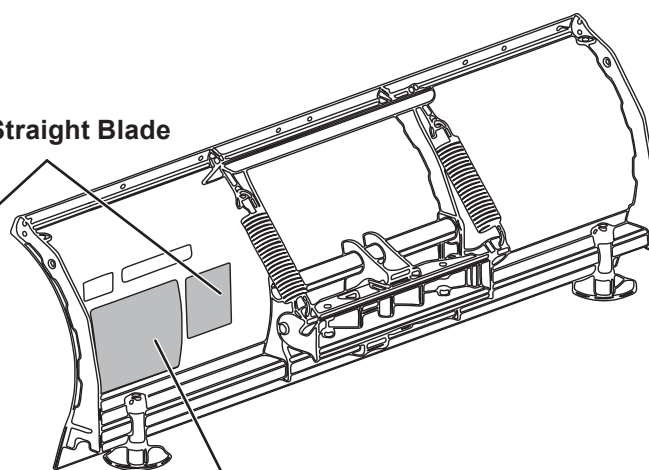


WARNING/CAUTION & INSTRUCTION LABELS

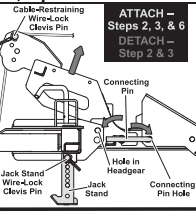
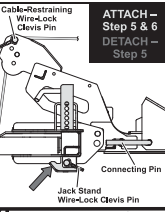
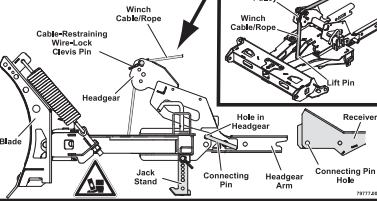
Become familiar with and inform users about the warning/caution and instruction labels on the back of the blade.

NOTE: If labels are missing or cannot be read, see your sales outlet.

Straight Blade



Attach/Detach Label

ATTACH		⚠ WARNING	
<ol style="list-style-type: none"> Slowly drive vehicle forward to engage rear headgear arms into receiver slots, bottoming out headgear arms in slots. On driver's side, pull up on headgear to relieve pressure on connecting pins while pulling driver's side connecting pin out. Rotate pin toward mount; insert it into connecting pin hole. Verify that connecting pin is engaged in mount (through outside & inside plates) and extends approximately 1/8" through the plate. Repeat on passenger's side. Remove jack stand wire-lock clevis pin. Fully raise jack stand up. Insert pin in hole and engage wire lock. Remove cable-restraining wire-lock clevis pin. Route winch cable/rope around pulley & secure to lift pin. Re-insert clevis pin & engage wire lock. 		<p>Keep fingers away from snowplow and UTV attachment points.</p> <div>  <p>ATTACH – Steps 2, 3, & 6 DETACH – Step 2 & 3</p> </div> <div>  <p>ATTACH – Step 5 & 6 DETACH – Step 5</p> </div>	
DETACH		 <p>Read Owner's Manual for complete instructions.</p>	

SAFETY PRECAUTIONS

Follow all safety and operating instructions in your UTV owner's manual.

Improper installation and operation could cause personal injury, and/or equipment and property damage. Read and understand labels and the Owner's Manual before installing, operating, or making adjustments.

WARNING

Lower the blade when vehicle is parked. Temperature changes could change hydraulic pressure, causing the blade to drop unexpectedly or damaging hydraulic components. Failure to do this could result in serious personal injury.

WARNING

The driver shall keep bystanders clear of the blade when it is being raised, lowered, or angled. Do not stand between vehicle and blade or within 8 feet of a moving blade. A moving or falling blade could cause personal injury.

WARNING

Keep hands and feet clear of the blade and A-frame/T-frame when mounting or removing the snowplow. Moving or falling assemblies could cause personal injury.

WARNING

Do not exceed GVWR, GAWR, or maximum vehicle load capacity, including the blade and ballast.

WARNING

To prevent accidental movement of the blade, always turn the control OFF whenever the snowplow is not in use. The power indicator light will turn OFF.

WARNING

Remove blade assembly before placing vehicle on hoist.

WARNING

Vehicle mount reduces ground clearance. Use additional caution when driving vehicle with mount installed. Remove vehicle mount to restore original vehicle ground clearance at the end of the plowing season.

CAUTION

Refer to the online selection tool for minimum vehicle recommendations and ballast requirements.

PERSONAL SAFETY

- Remove the ignition key and put the vehicle in PARK or in gear to prevent others from starting the vehicle during installation or service.
- Wear only snug-fitting clothing while working on your vehicle or snowplow.
- Do not wear jewelry or a necktie, and secure long hair.
- Wear safety goggles to protect your eyes from battery acid, gasoline, dirt, and dust.
- Avoid touching hot surfaces such as the engine, radiator, hoses, and exhaust pipes.
- Always have a fire extinguisher rated BC handy, for flammable liquids and electrical fires.

FIRE AND EXPLOSION

WARNING

Gasoline is highly flammable and gasoline vapor is explosive. Never smoke while working on vehicle. Keep all open flames away from gasoline tank and lines. Wipe up any spilled gasoline immediately.

Be careful when using gasoline. Do not use gasoline to clean parts. Store only in approved containers away from sources of heat or flame.

CELL PHONES

A driver's first responsibility is the safe operation of the vehicle. The most important thing you can do to prevent a crash is to avoid distractions and pay attention to the road. Wait until it is safe to operate mobile communication equipment such as cell phones, text messaging devices, pagers, or two-way radios.

VENTILATION

WARNING

Vehicle exhaust contains lethal fumes. Breathing these fumes, even in low concentrations, can cause death. Never operate a vehicle in an enclosed area without venting exhaust to the outside.

NOISE

Airborne noise emission during use is below 95 dB(A) for the snowplow operator.

VIBRATION

Operating snowplow vibration does not exceed 2.5 m/s² to the hand-arm or 0.5 m/s² to the whole body.





TORQUE CHART

CAUTION





Read instructions before assembling. Fasteners should be finger tight until instructed to tighten according to the torque chart. Use standard methods and practices when attaching snowplow, including proper personal protective safety equipment.

Recommended Fastener Torque Chart

Inch Fasteners Grade 5 and Grade 8

Size	Torque (ft-lb)		Size	Torque (ft-lb)	
	 Grade 5	 Grade 8		 Grade 5	 Grade 8
1/4-20	8.4	11.9	9/16-12	109	154
1/4-28	9.7	13.7	9/16-18	121	171
5/16-18	17.4	24.6	5/8-11	150	212
5/16-24	19.2	27.3	5/8-18	170	240
3/8-16	30.8	43.6	3/4-10	269	376
3/8-24	35.0	49.4	3/4-16	297	420
7/16-14	49.4	69.8	7/8-9	429	606
7/16-20	55.2	77.9	7/8-14	474	669
1/2-13	75.3	106.4	1-8	644	909
1/2-20	85.0	120.0	1-12	704	995

Metric Fasteners Class 8.8 and 10.9

Size	Torque (ft-lb)		Size	Torque (ft-lb)	
	 Class 8.8	 Class 10.9		 Class 8.8	 Class 10.9
M6 x 1.00	7.7	11.1	M20 x 2.50	325	450
M8 x 1.25	19.5	26.9	M22 x 2.50	428	613
M10 x 1.50	38.5	53.3	M24 x 3.00	562	778
M12 x 1.75	67	93	M27 x 3.00	796	1139
M14 x 2.00	107	148	M30 x 3.50	1117	1545
M16 x 2.00	167	231	M33 x 3.50	1468	2101
M18 x 2.50	222	318	M36 x 4.00	1952	2701

These torque values apply to fasteners except those noted in the instructions.

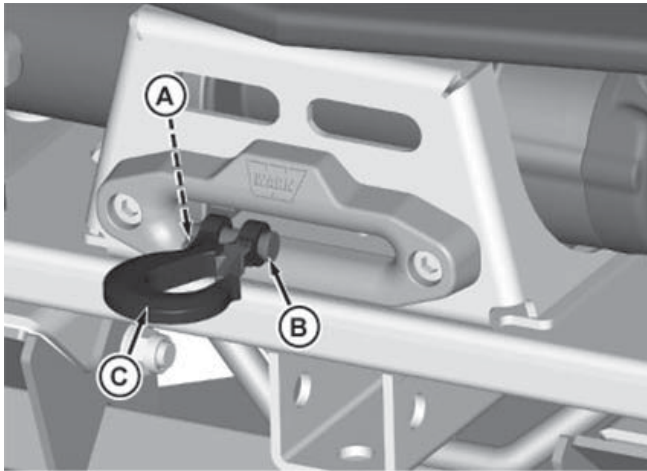
INSTALLATION INSTRUCTIONS

NOTE: For easier assembly and installation, vehicle and all snowplow components should be on a smooth, level, hard surface, such as concrete.

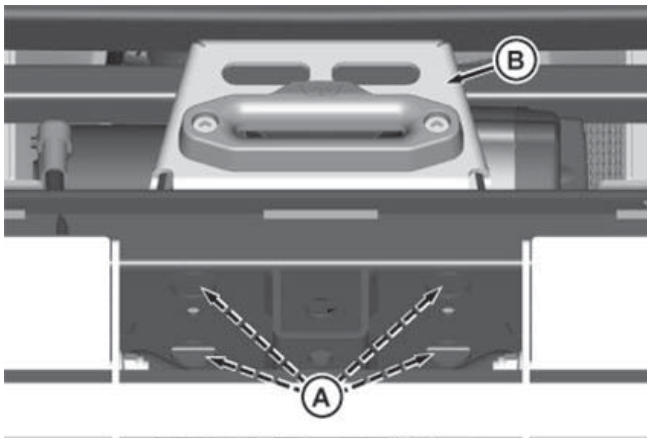
NOTE: The front-mounted 4500 lb winch kit must be installed first.

Remove Standard Fairlead

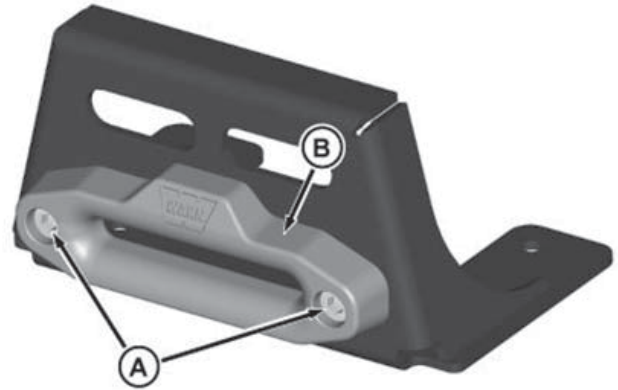
1. Remove and retain the cotter pin (A) and drilled pin (B) and remove the hook (C) from the rope loop.



2. Remove four bolts (A) and remove fairlead bracket assembly (B).

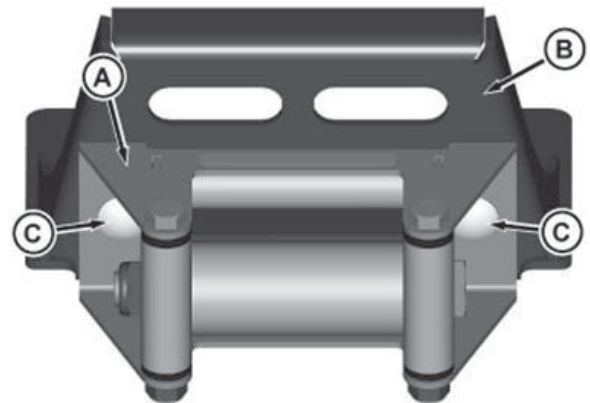


3. Remove and retain screws (A), locknuts, and standard fairlead (B). Store the standard fairlead for future use in case the roller fairlead is removed later.

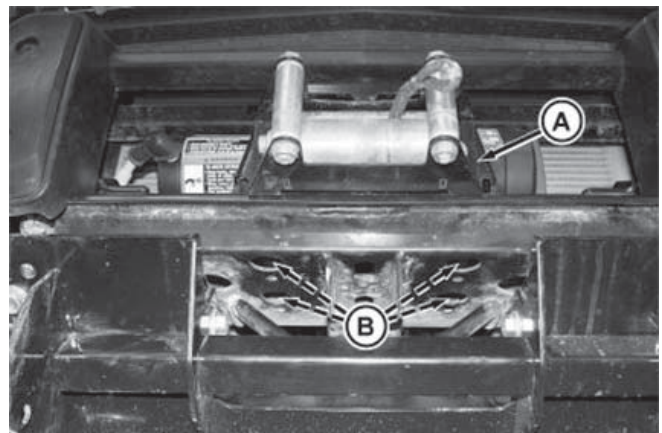


Install Roller Fairlead

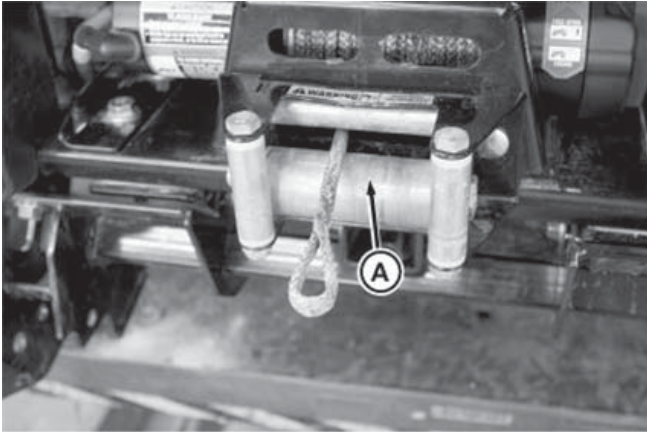
1. Install the roller fairlead (A) to bracket (B) with two carriage bolts (C) and M10 locknuts.



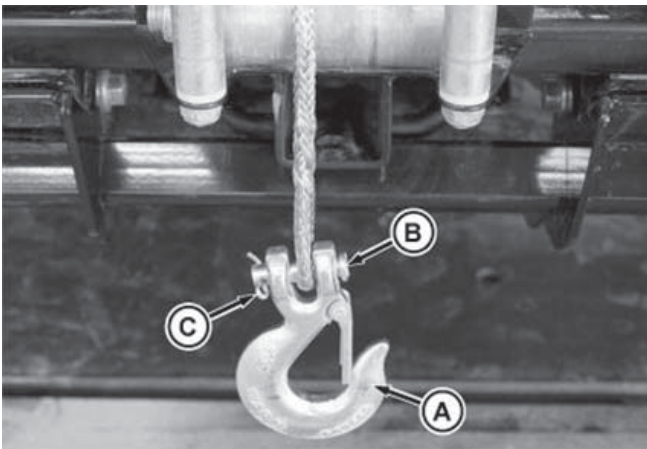
2. Install the fairlead bracket assembly (A) with the four bolts (B) that were removed earlier.



3. Pull the winch rope through the rollers (A).

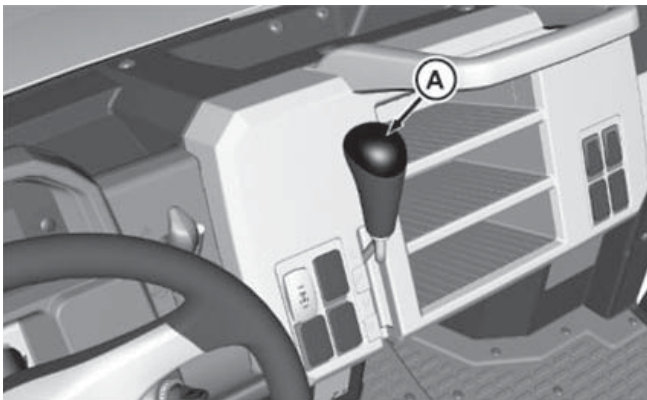


4. Attach hook (A) to the rope loop with the drilled pin (B) and cotter pin (C). Bend the ends of the cotter pin.

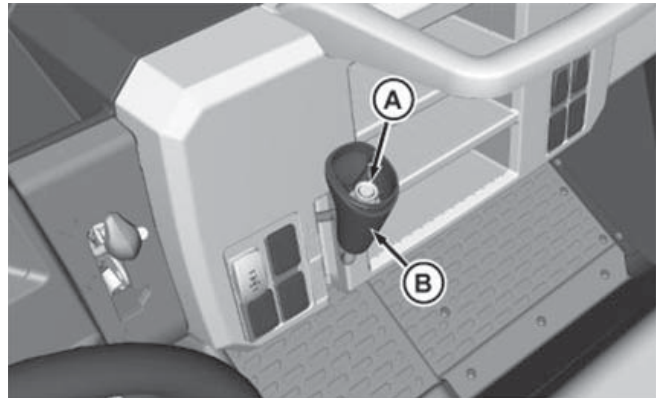


Install Blade Lift Switch

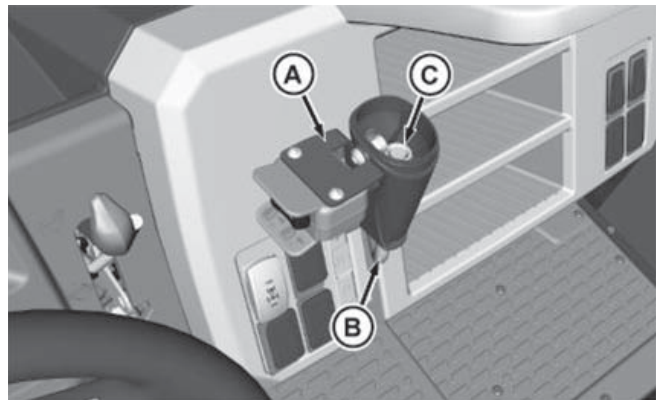
1. Remove and retain cap (A).



2. Remove and retain the nut (A).

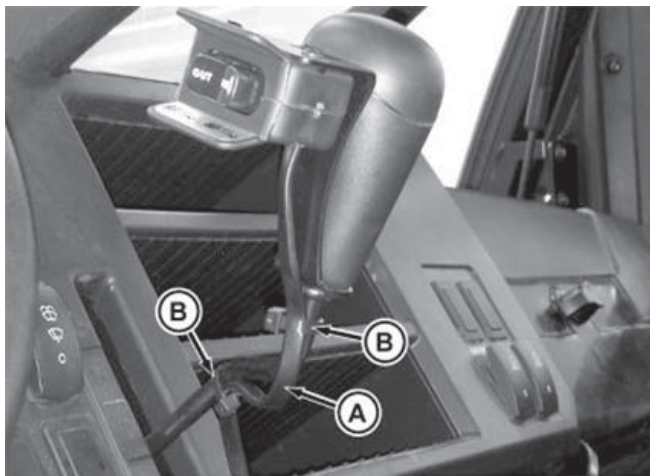


3. Remove and retain the shift lever knob (B) for future use.
4. Install the switch/base assembly (A) on shift lever (B).



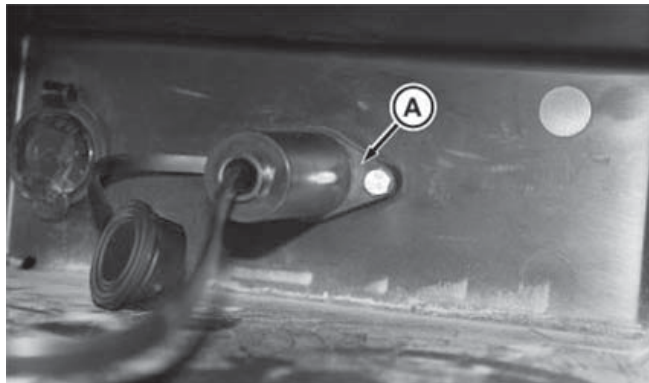
5. Install and tighten the nut (C) that was removed earlier.
6. Install the cap that was removed earlier on the shift lever knob.

7. Fasten the switch harness (A) to the shift lever with two tie straps (B) in the position shown.



8. Open the glove box door.

9. Route the end of the switch harness into the glove box and connect to the socket (A).



10. Position the switch harness in slot (A) and close the glove box door. Make sure to leave enough slack in the harness allowing for the full range of motion of the shift lever.



The company reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. This equipment manufacturer or the vehicle manufacturer may require or recommend optional equipment for snow removal. Do not exceed vehicle ratings with a snowplow. The company offers a limited warranty for all snowplows and accessories. See separately printed page for this important information.

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