

Date Created: 20/10/2020

Product: Snake S2

Title: Remote Unlock System Fitment



SAFETY! Before attempting to make any adjustments or carry out maintenance on the mower, review the hazard identification table (section 3a of your Operator Manual) and take all necessary precautions.



Position the Snake S2 on a smooth, hard, level surface.

Ensure the surrounding area is clear of obstructions and people.



Prior to continuing this procedure, isolate the Tractor power supply.

DO NOT work on live electrical equipment, as this is dangerous and may cause damage to electrical components and/or injury!

Caution:

Circuitry supplied suits **12-VOLT NEGATIVE EARTH SYSTEMS ONLY!**

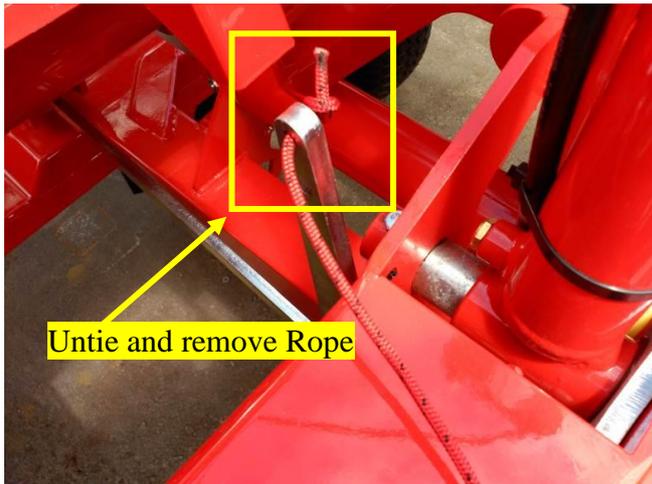
Trimax or its agents will not be held liable for any damage or warranty claims occurring because of improper wiring!



Transport Lock Actuator to be installed on the Left-Hand Chassis Rail near the Rear Transport Lock Arm as indicated.



Prepare the work area and lower all three decks ideally onto rubber pads or another protective pad as shown.



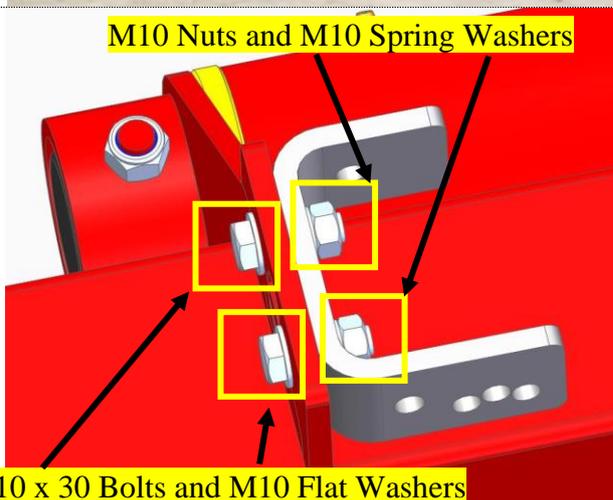
Untie and remove the Transport Lock Release Rope from the Rear Lock Arm.



Prepare the M10 x 30 Bolts used to mount the Unlock Actuator Mounting Bracket.

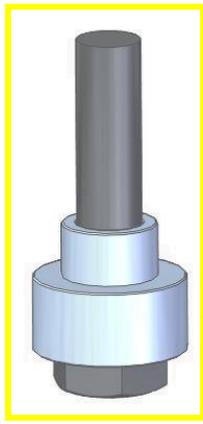
Fit an M10 Flat Washer over both Bolts.

Apply thread locking compound such as [Loctite 243](#) to the thread of each Bolt.



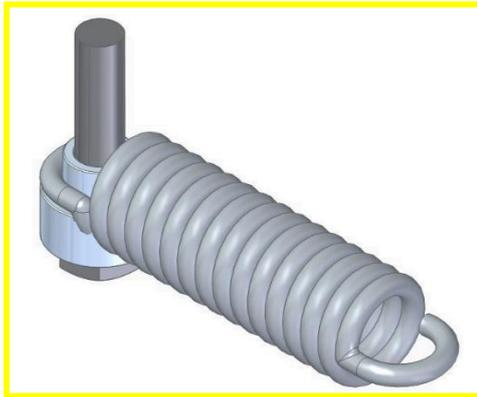
Using the two M10 x 30 bolts prepared in the previous step, secure the Unlock Actuator Mounting Bracket to the front of the Side Outrigger Mount Plate with M10 spring washers and M10 hex nuts on the other side.

Fully tighten.



Lock Pivot Bush Fitted over M10 x 50 Bolt

Fit a Lock Pivot Bush (402-000-097) over the M10 x 50 Bolt.



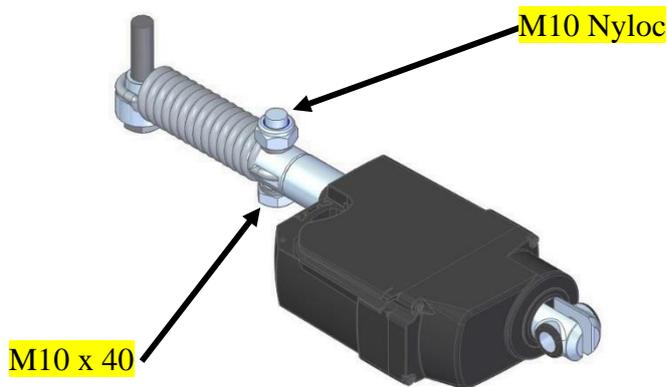
Unlock Actuator Spring fitted over Lock Pivot Bush

Fit the Unlock Actuator Spring (207-000-008) over the Lock Pivot Bush (402-000-097) as shown.

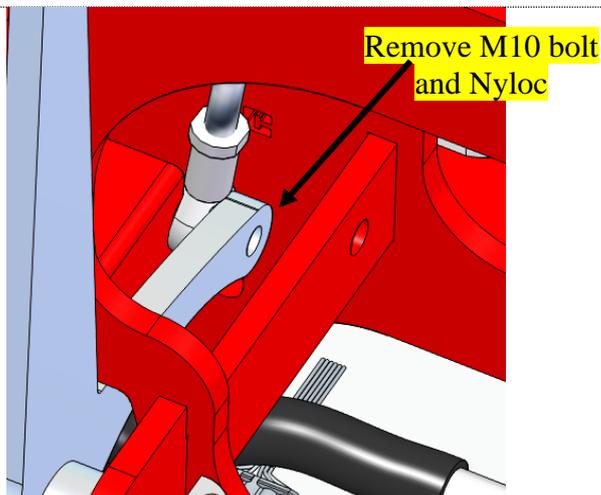


Note:

Ensure that the Unlock Spring is fitted as shown!

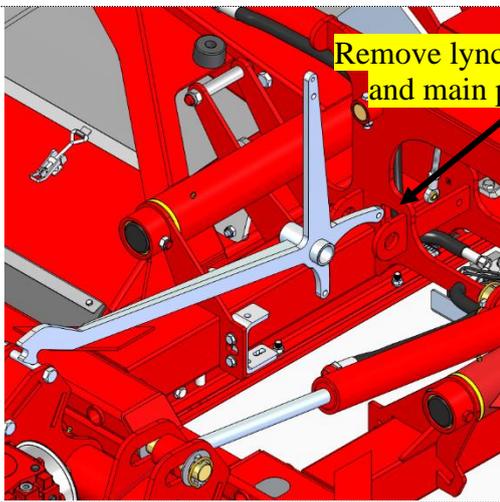


Fasten the Unlock Actuator (421-000-093) to the spring with an M10 x 40 hex bolt and M10 Nyloc Nut.



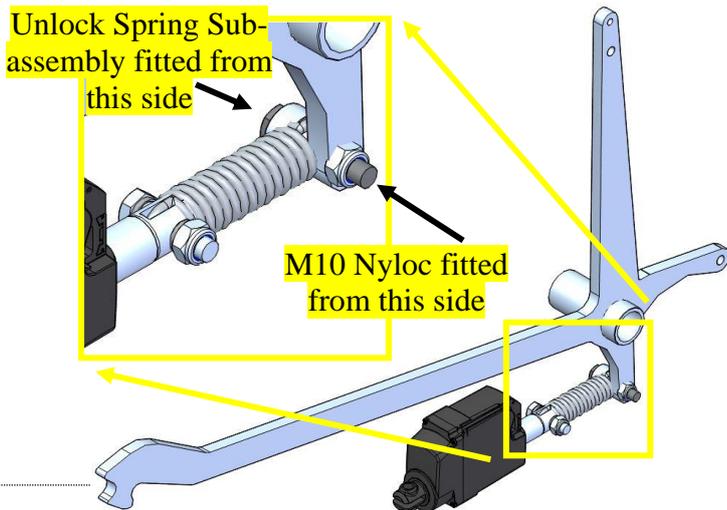
Remove the M10 Nyloc Nut and M10 Bolt from the Tie Rods on the Rear Lock Arm.

Set aside as it will be refitted later.



Remove lynch pin and main pin from rear lock arm.

Remove rear lock arm from machine.



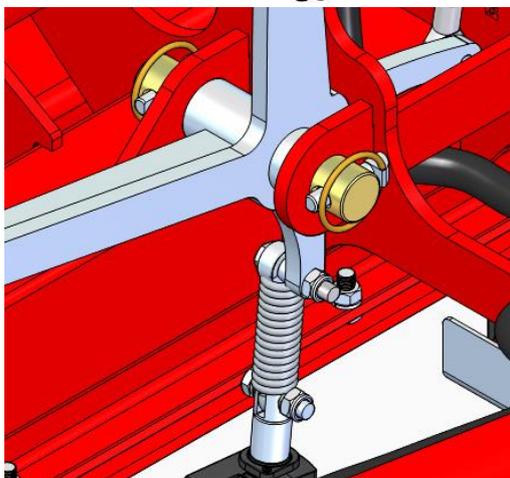
Fit the Unlock Spring sub-assembly through the mounting hole in the Rear Lock Arm.

Secure with an M10 Nyloc Nut.

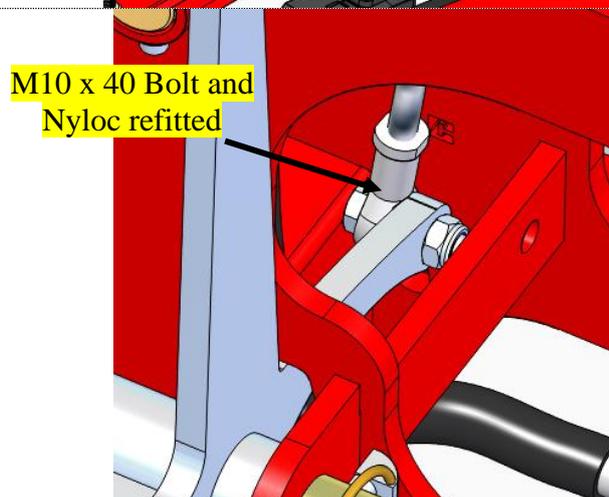
Fully tighten.



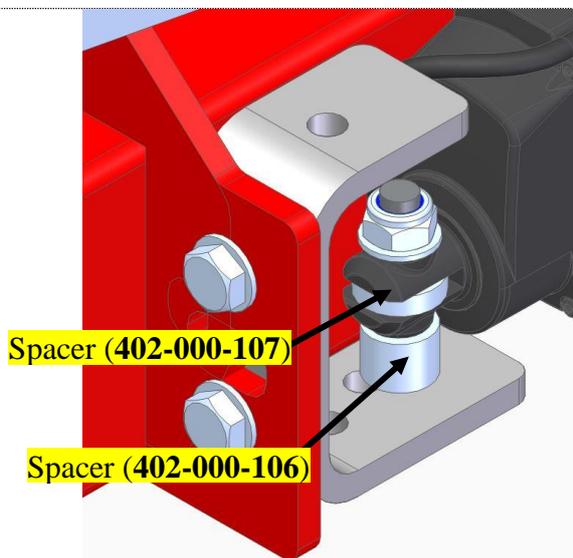
Note:
The Unlock Spring Sub-assembly **MUST** be fitted in the direction shown!



Refit the lock arm with unlock actuator attached, to the chassis and reinsert main pin and lynch pin from earlier.



Refit the M10 x 40 Bolt and Nyloc removed earlier, to the lock arm tie rods as shown.

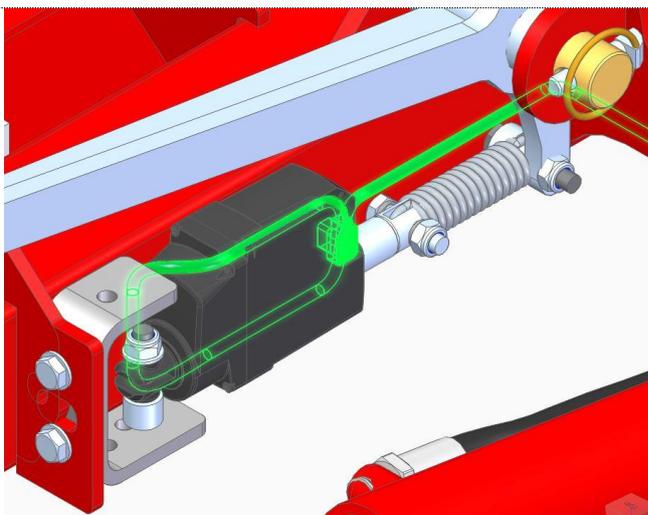


Fit a M10 x 65 Bolt with a Flat washer from below the actuator.

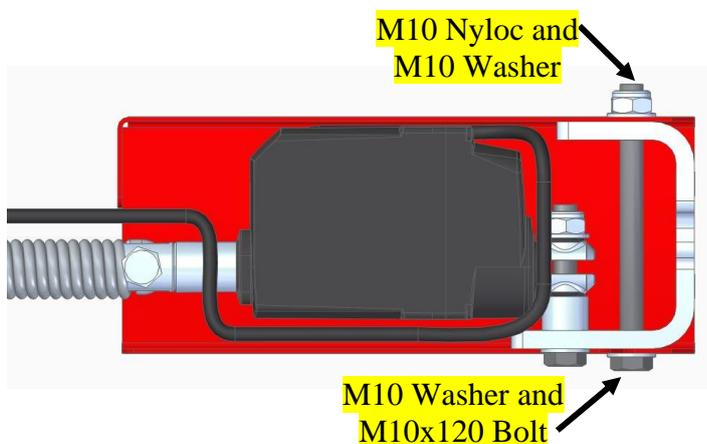
Fit a Spacer (**402-000-106**) below the actuator.

Fit a Spacer (**402-000-107**) inside the actuator.

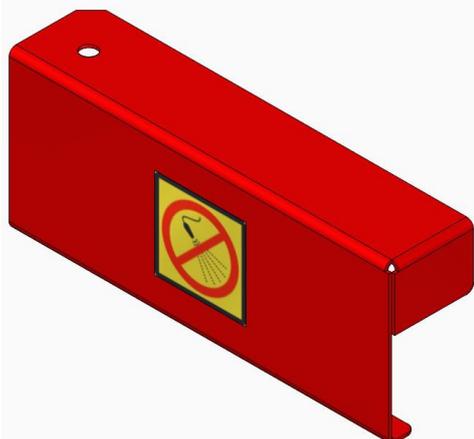
Position the bolt in the centre hole and fasten with a Nyloc M10 and Flat washer.



Feed the Cable over the actuator and run it behind the actuator towards the front of the Chassis as shown.



Fit the Unlock Actuator Cover (**410-000-366**) with a M10x120 Bolt (**301-610-123**) and an M10 Flat Washer from the bottom, and secure with an M10 Nyloc and Flat Washer at the top.



Apply the Small Wash Warning Decal (**424-000-163**) **CENTRALLY** to the side of the Unlock Actuator Cover (**410-000-366**).

Ensure that the Decal is Square with the Shield and bubble free!

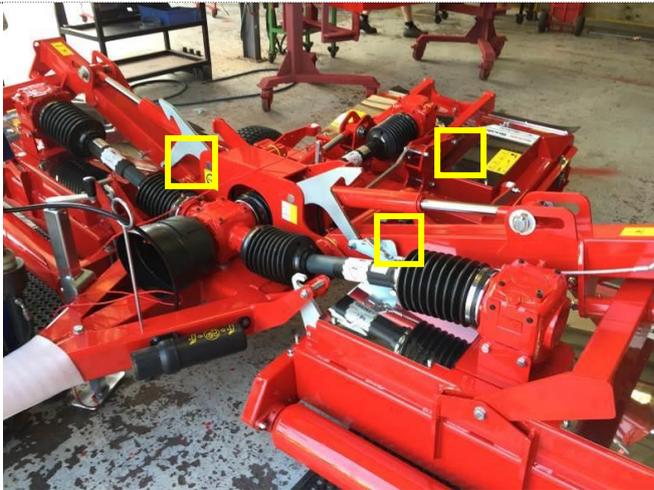


Connect the Extension cable to the Unlock Actuator. Connect the Remote Unlock Control Unit to the 12v Tractor auxiliary power supply. When safe, switch on the tractor power.



Note:

Ensure your tractor Auxiliary Power Socket polarity and voltage are as shown. Socket as seen on tractor.



Connect the Snake Hydraulic line to the tractor and with the Locks lowered, Test the Remote Unlock Function.

Lower the Decks back down to the Ground.



Note:

If the Locks do not engage correctly, reposition the actuator to one of the alternate mounting holes!



Raise the Locks by depressing and holding the Button on the Control Unit.

Raise the Decks to their maximum position.

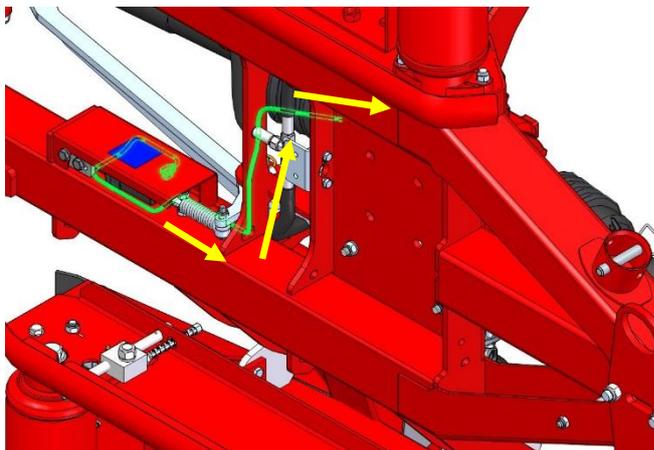
Lower the Locks by Releasing the Button on the Control Unit.

Lower the Decks, and then check that all three Locks are engaged correctly.

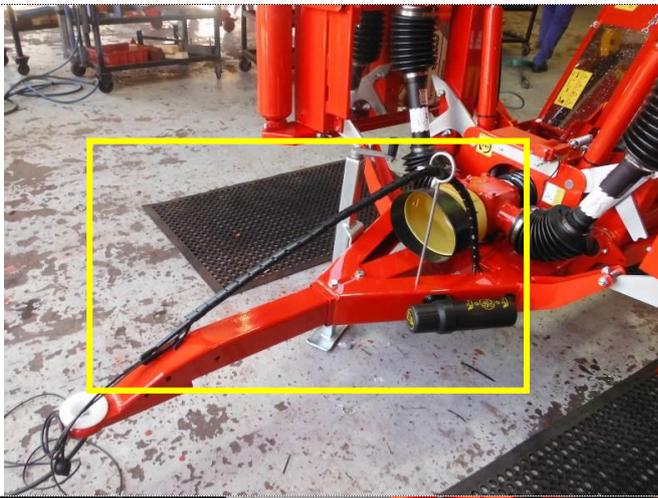


Note:

If the Locks do not engage correctly, reposition the actuator to one of the alternate mounting holes!



Run the Extension Cable as shown



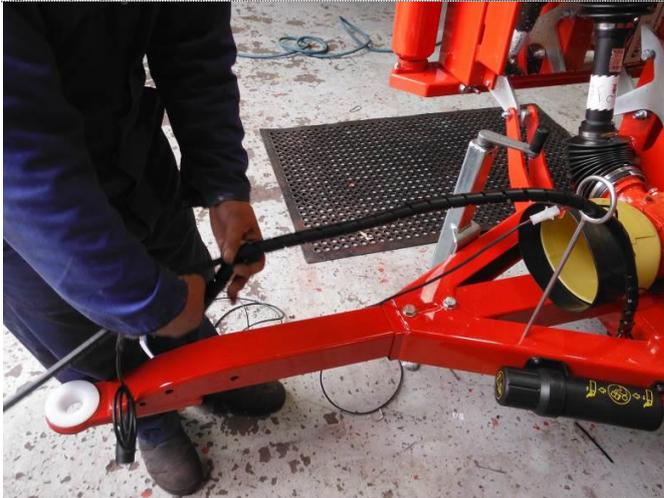
Apply the Spiral Tie around the Hydraulic Hose and Cables.

Then tidy the Hose and Cables away.



Note:

If the Snake already has a Road Light Kit fitted see below.



If the Snake already has a Road Light Kit fitted, remove the Spiral Tie.



Using zip ties secure the cable to the existing cables & hoses.



Re-apply the Spiral Tie around the Hydraulic Hose and Cables.

Then tidy the Hose and Cables away.

Return the Rubber Mats to their storage location.

This process is now complete.

