

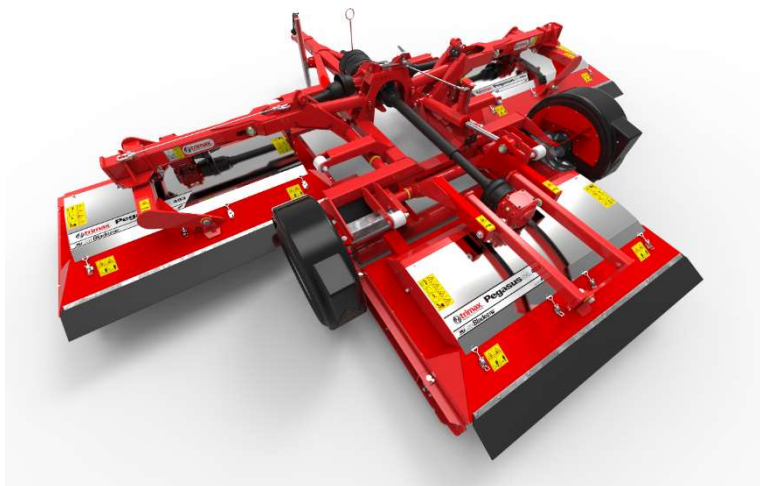
Date Created: 20/10/2020

Product: Pegasus S4

Title: Remote Unlock System Upgrade
and Fitment



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



Position the Pegasus on a smooth, hard, level surface.

Ensure the surrounding area is clear of obstructions and people.

Lower the Mower Decks down onto the Ground.



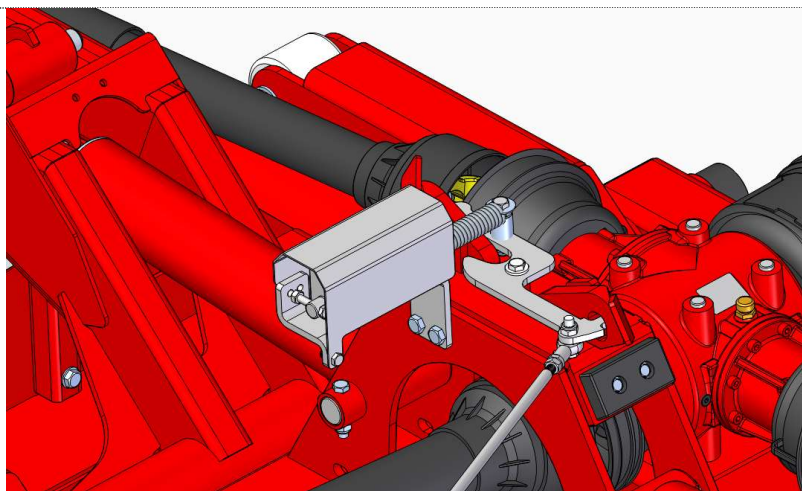
Prior to continuing this procedure, isolate the Tractor power supply.

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!**

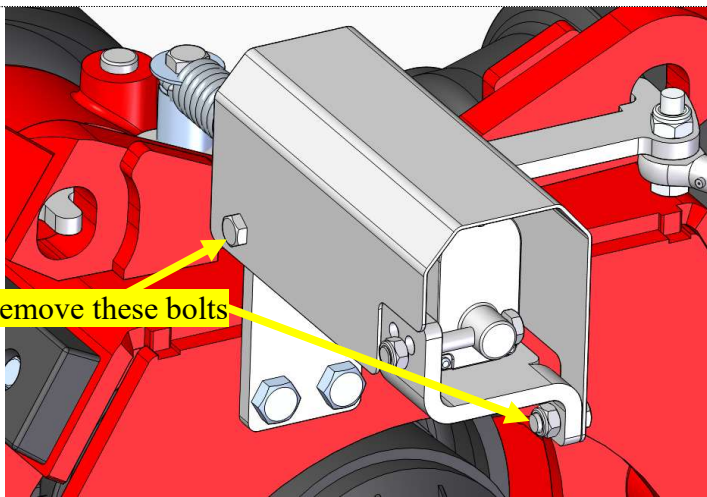
Trimax or its agents will not be held liable for any damage or warranty claims occurring because of improper wiring!



**FOR PEGASUS WITH EXISTING
REMOTE UNLOCK SYSTEMS**

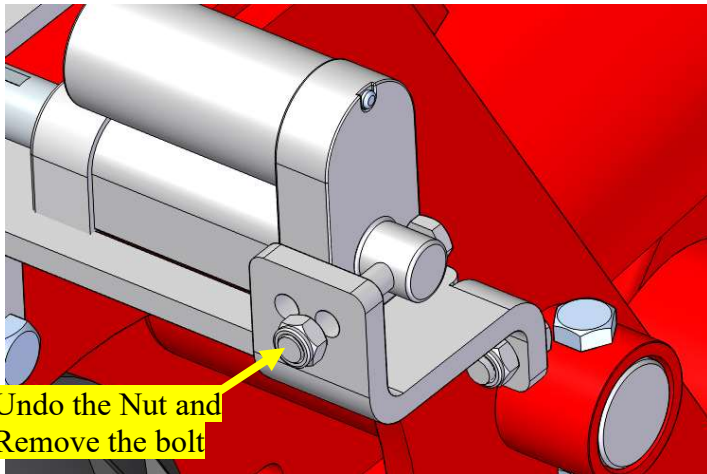
This section of the procedure describes how to remove the existing unlock actuator and upgrade it using kit part number 807-000-017.

If fitting Remote Unlock to a Pegasus with Standard Unlock System, skip to page 3. In this case the part number for the kit is 807-000-013. The fitment procedure is largely the same.



Remove the two bolts holding the cover in place. Remove the Actuator Cover.

Discard the Nuts and Bolts.

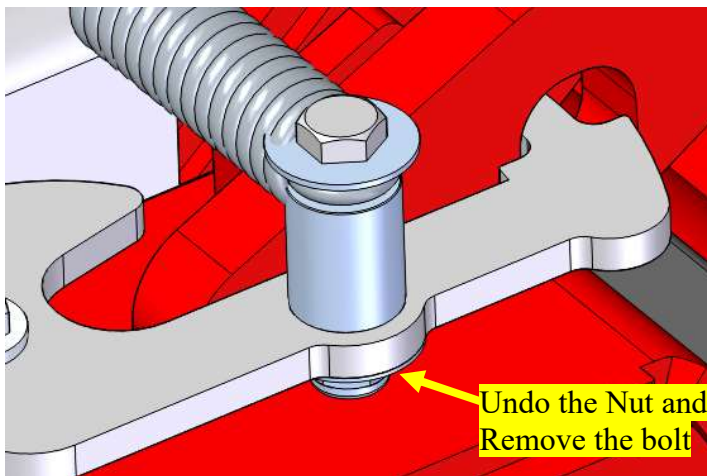


Undo and discard the Nyloc Nut holding the Actuator in place. The Actuator should now only be connected to the Pegasus via the Spring connected to the Transport Lock Release Lever.



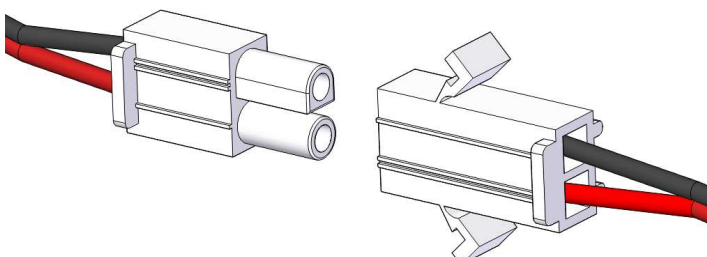
Note:

If the spring is under tension, this may release suddenly. Use caution when removing the nut.



Undo the Nyloc Nut securing the Pivot Boss to the Transport Lock Release Lever and remove the Bolt.

Discard these fasteners.



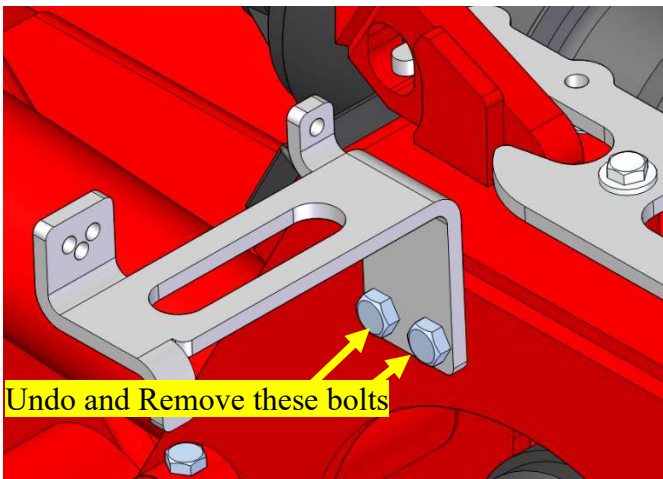
Disconnect the Unlock Actuator from the Extension Cable beneath the mower.

The Actuator and Spring assembly can now be removed from the machine and discarded.



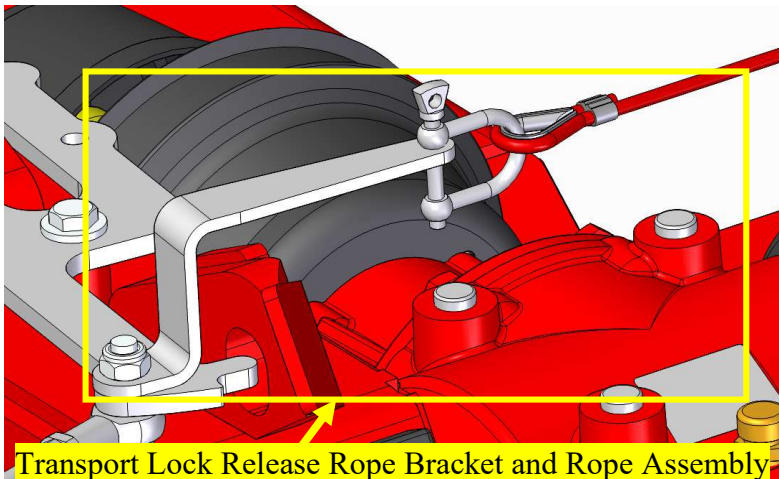
Note:

Leave the extension cable to the tractor in place, this will be reused!



Finally, undo the 2x M16 Bolts holding the Unlock Actuator Bracket to the Ram Tower on the Pegasus.

These parts can be discarded.



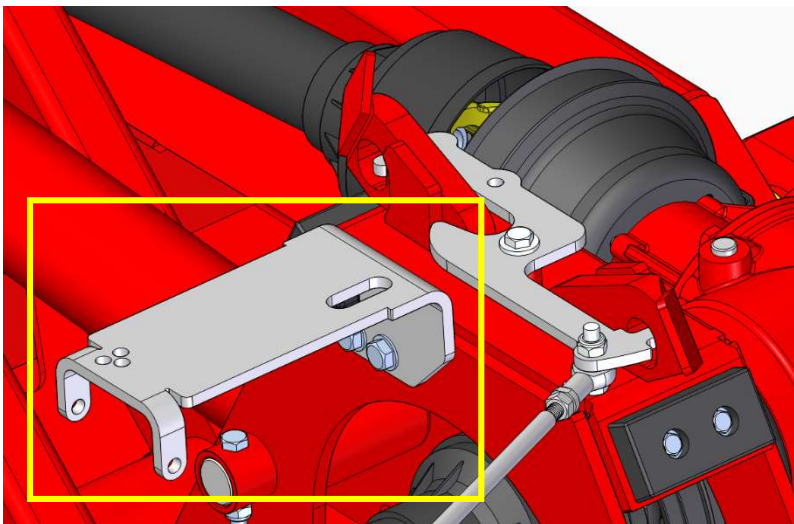
FOR PEGASUS WITH STANDARD UNLOCK SYSTEM

Remove the Transport Lock Release Rope Bracket and Rope Assembly from the Lock Release System.

These parts can be kept in case of future Unlock System failure.

EXISTING UNLOCK SYSTEM HAS BEEN REMOVED

Start here:



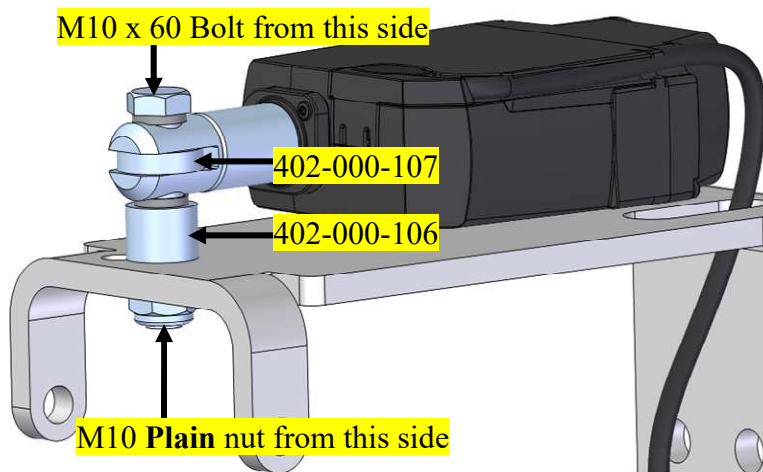
Offer up the Unlock Actuator Mounting Bracket (418-000-768) to the **REAR** of the Ram Tower.

Secure in place using two M12 x 35 Bolts and two M12 Nyloc Nuts. The Bolts **MUST** be fitted from the outside! Fully Tighten.



Note:

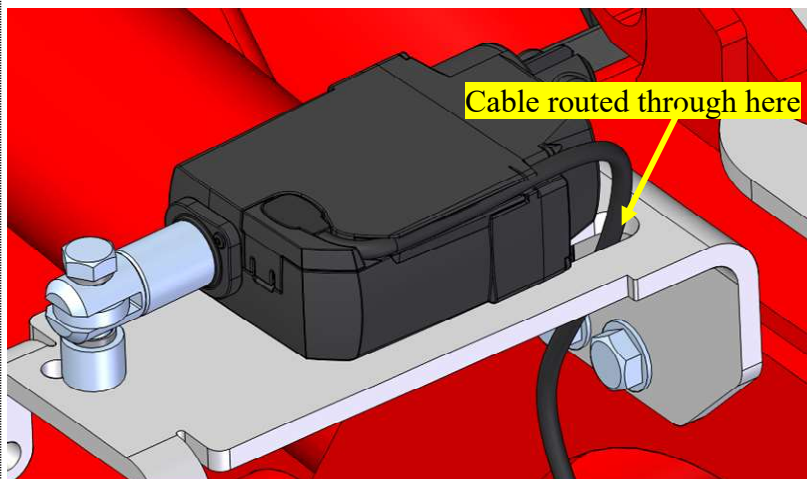
Ensure that the Bracket is fitted **SQUARE** to the Ram Tower on the Chassis!



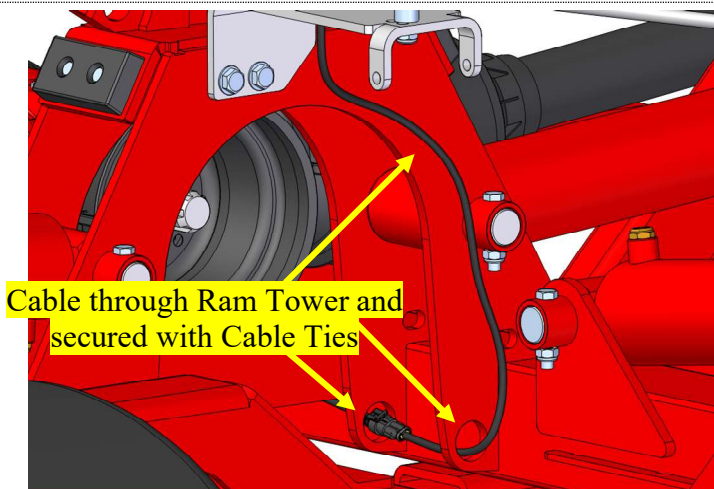
Prepare the Unlock Actuator (421-000-093) by fitting an M10 x 60 Bolt and the two spacers (402-000-106 and 402-000-107).

Fit the bolt through the **MIDDLE** hole and secure with an M10 Plain nut. This will be replaced with a Nyloc later in the procedure after testing.

The M10 x 60 bolt **MUST** be fitted in the direction shown!



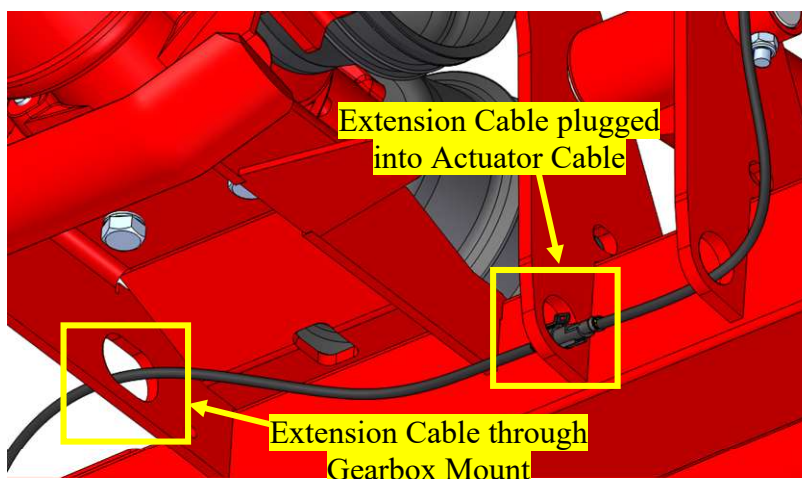
Feed the Cable through the slot located in the bottom of the Unlock Actuator Bracket.



Run the Cable from the Unlock Actuator as shown through the two large holes in the bottom of the right-hand side of the Ram Tower.

Secure to the Ram Tower using three Cable Ties as indicated with arrows.

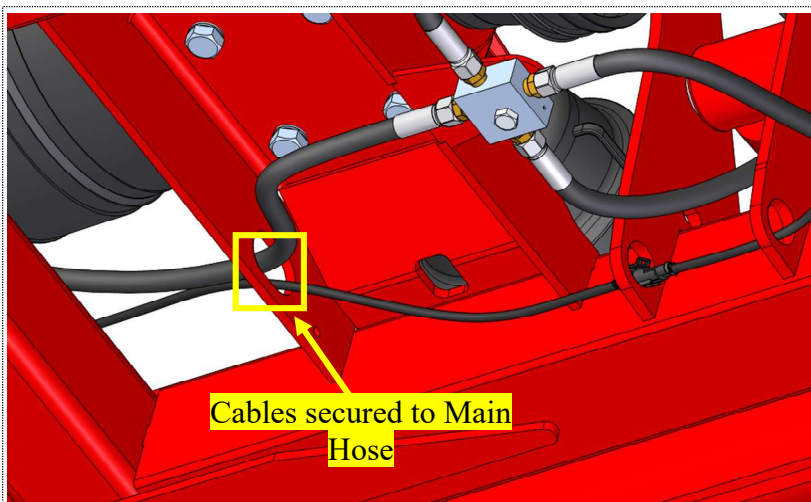
Trim the “tails” off the Cable Ties.



Plug the Extension Cable (421-000-165) into the Unlock Actuator Cable.

If upgrading the Remote Unlock System, use the provided adapter cable (421-000-170).

Feed the Extension Cable through the large hole present in the **FRONT** of the Gearbox Mount.



Pull any excess Cabling towards the **FRONT** of the Chassis.

Secure the Unlock Cable to the Main Hose and Chassis using a Cable Tie in the position shown.



Note:

If the Pegasus has Tail Lights fitted, secure the Tail Light Cable using the same Cable Tie!



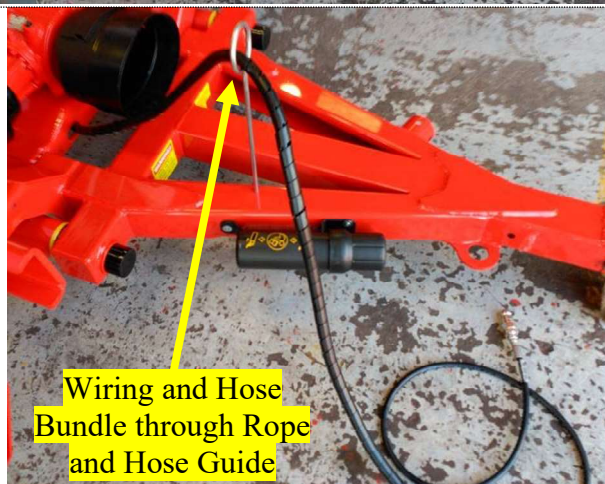
Secure the Main Hose, Extension Cable and any other Cables together using **2m** of Spiral Wrap (**450-900-014**)

Begin the Spiral Wrap around **30mm** inside the Gearbox Mount.

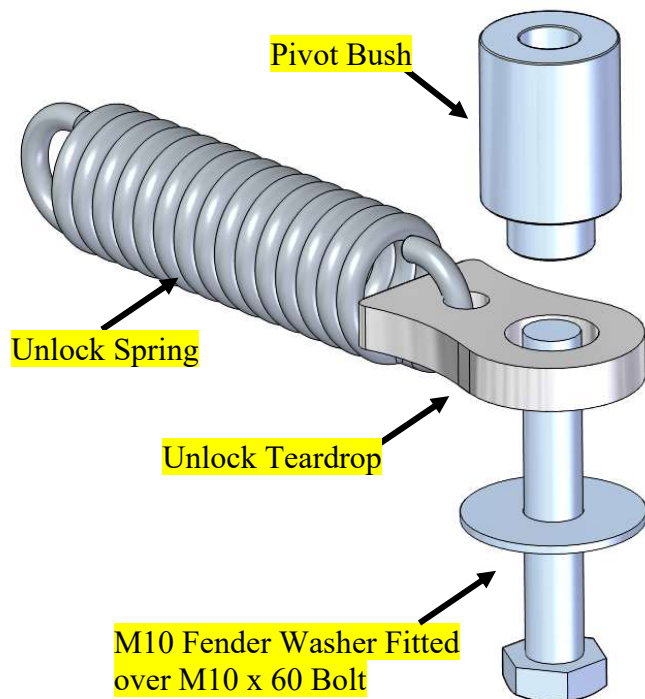


Note:

This will prevent the Hose and Cable from rubbing on the Gearbox Mount.



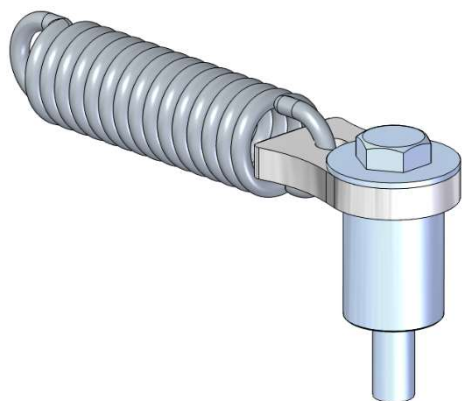
Feed **ALL** the Wiring and Main Hose Bundle back through the Rope and Hose Guide.



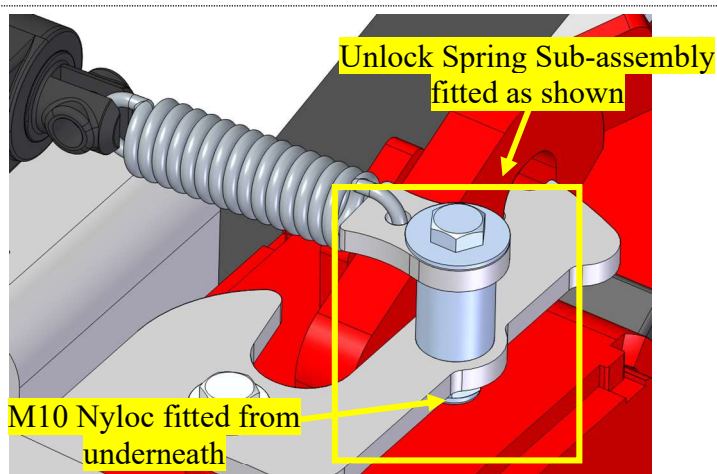
Fit a M10 Fender Washer over the M10 x 60 Bolt.

Fit the Unlock Spring Teardrop (**421-000-382**) over the M10x60 Bolt and connect the Spring (**207-000-008**) to the Teardrop as shown.

Fit the Unlock Pivot Bush (**421-000-102**) over the bolt as shown.



Offer up the Spring subassembly (shown) to the machine.



Fit the Unlock Spring sub-assembly through the hole in the Front Transport Release Lever.

Secure with an M10 Nyloc Nut and M10 Fender Washer fitted from **UNDERNEATH**.

Fully tighten.

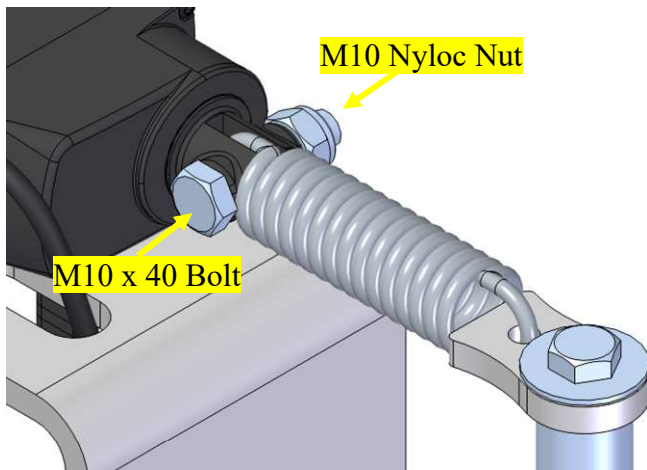


Connect the Remote Unlock Control Unit to the 12v Tractor auxiliary power supply. When safe, switch on the tractor power.



Note:

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



Important:

When the Unlock Actuator is powered the Actuator Spear will extend.

Secure the Unlock Spring to the Actuator Spear using an M10 x 40 Bolt and an M10 Nyloc nut.

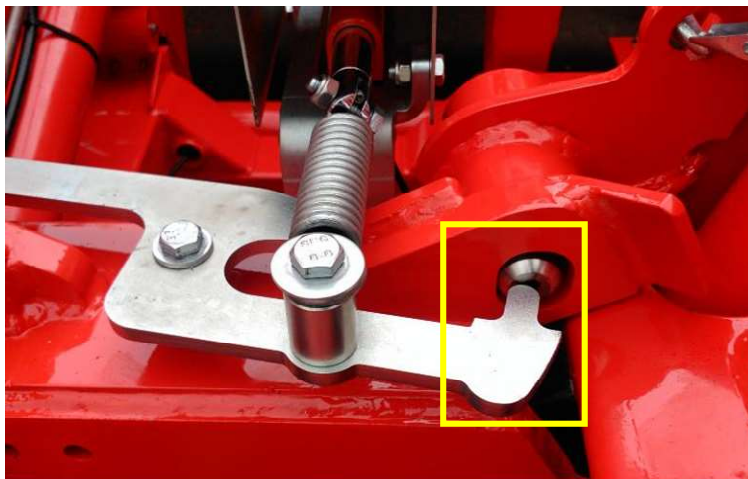
Tighten to secure.



Connect the Pegasus to the tractor hydraulics.

Lift all of the mower decks into their maximum raised position. Check that all decks are fully home and the Lock Release Pins are correctly engaged.

Relieve the pressure to take the weight off the hydraulic cylinders.



ALL three Transport Lock Pins should be just touching their corresponding Lock Release Pins, (one shown).



Note:

If the spring is under any tension, move the bolt forwards one-hole position. If the Spring is too slack, move it back one-hole position.



Raise the Decks to the maximum raised position and depress the Unlock Button on the Control Unit. Lower the Decks to the Ground. Keep the Unlock button depressed until the Decks are lowered.



Note:

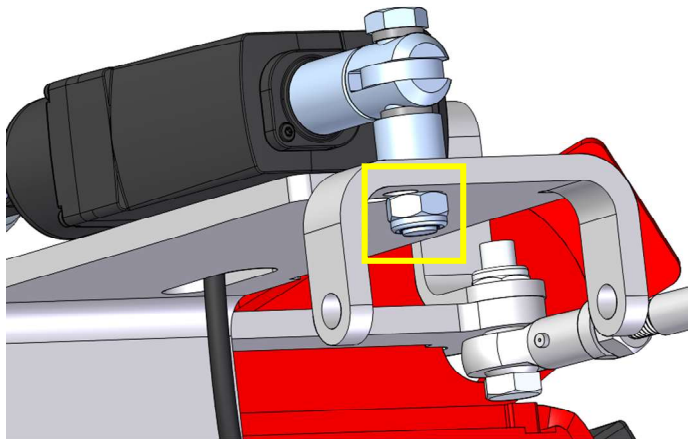
If the Locks do not disengage correctly, reposition the actuator to one of the alternate mounting holes and retry.



Finally, lift all the mower decks into their maximum raised position.

Relieve the pressure to take the Weight off the Hydraulic Cylinders.

Connect the Transport Safety Cable between the two Outriggers.



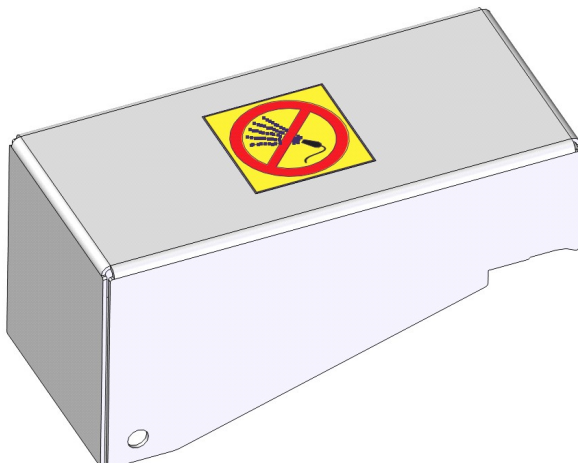
Replace the Temporary M10 Plain Nut with an M10 Nyloc Nut.

Fully Tighten.



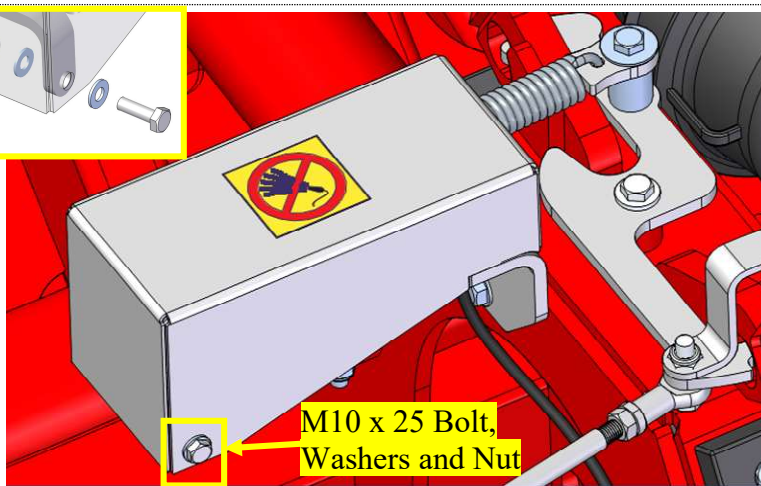
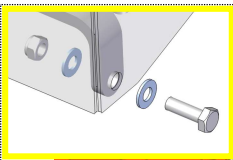
Note:

The middle hole position is shown. Ensure the actuator bolt remains in the correct mounting position.



Apply the Small Wash Warning Decal (424-000-163) **CENTRALLY** to the top of the Shield (410-000-354) as shown.

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



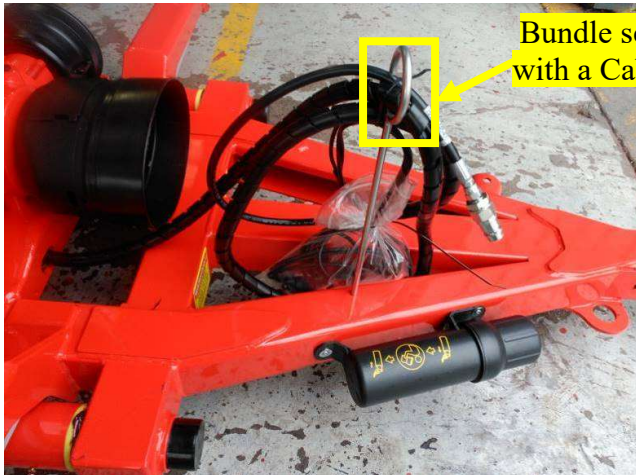
Offer up the Shield to the Unlock Bracket as shown.

Fit an M10 x 25 Bolt and 2x M10 flat washers as shown.

Secure with an M10 Nyloc Nut.

Fully Tighten.

Repeat on the other side of the Shield.



If the mower is not to be used immediately, secure to the Rope and Hose Guide using a Cable Tie and tidy away.

Otherwise, secure the cable to the Rope and Hose Guide and connect to the tractor.

Ensure the Hydraulic and Electrical connectors are connected to the tractor securely.

This process is now complete.

