



# ATC Service Desk

## Switch Refit

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## Tilt Switch Installation

Mount new mechanical switch to H hinge as shown. Insure bracket angle will align with target dome head bolt on door hinge plate when installed.

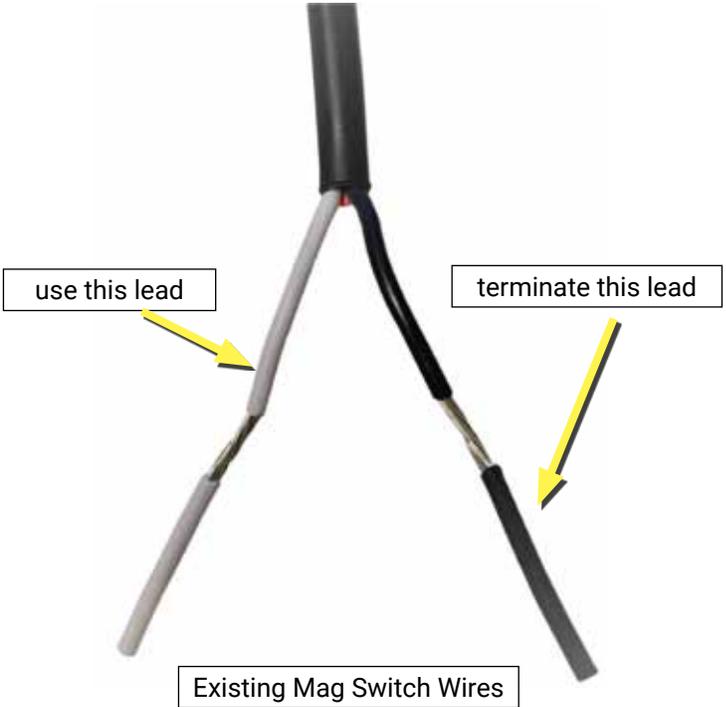
Cut and terminate the incoming switch wire, terminate black lead and use white wire to connect to new switch. Add a length of purple with white wire if needed. The switch works by grounding to the dome head bolt when the door closes. The lift out button on the remote will not operate while the switch is grounded and the door is closed.



H-Hinge



Old Magnetic Switch



Existing Mag Switch Wires

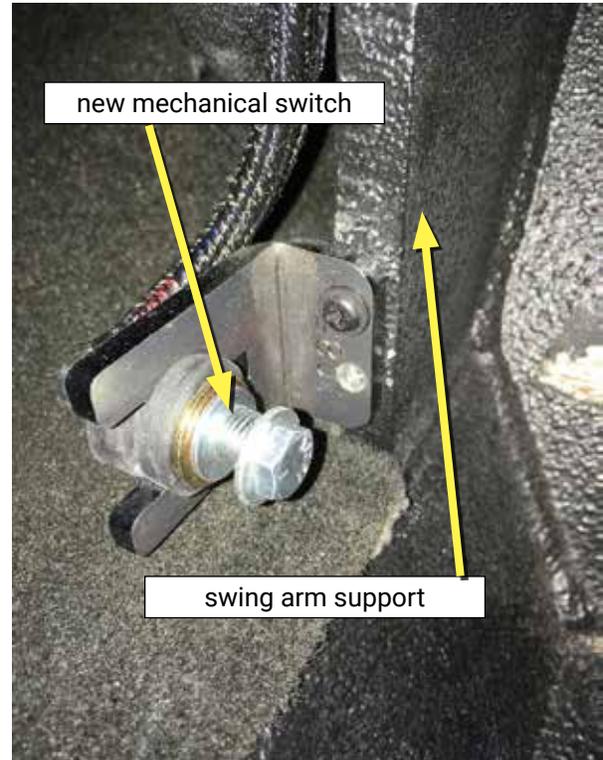
## Pan In Limit Switch Installation

Mount new mechanical switch to swing arm support as shown. Manually move the pan in and mark on the swing arm the location of where the switch contacts the swing arm. This will be the location of the target bolt.

Drill and tap hole( 1/4-20) for bolt, add extra ground wire to the target bolt and connect to the out limit switch target bolt.

Cut and terminate the incoming switch wire, terminate black lead and use white wire to connect to new switch. Add a length of blue with black wire if needed.

The switch works by grounding to the target bolt when the pan closes. This switch can be adjusted in or out to insure pan is all the way in. Use caution not to adjust the pan in too far and cause damage.



Extra Ground  
(going to pan out limit  
switch target bolt)



## Pan Out Limit Switch Installation

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Mount new mechanical switch to pan support as shown.

Mount the target bolt bracket and bolt to the swing arm support as shown.

Connect target bolt to extra ground wire coming from the Pan In Limit target bolt.

Cut and terminate the incoming switch wire, terminate black lead and use white wire to connect to new switch. Add a length of green with black wire if needed.

The switch works by grounding to the target bolt when the pan goes out.

This switch can be adjusted in or out to insure pan is all the way out and clear of the floor pan, it also allows the pan to come down when actuated. Use caution not to adjust the pan out too far and cause damage.

We recommend manually moving the lift in or out while installing the switch.



## Pan Up Limit Switch Installation

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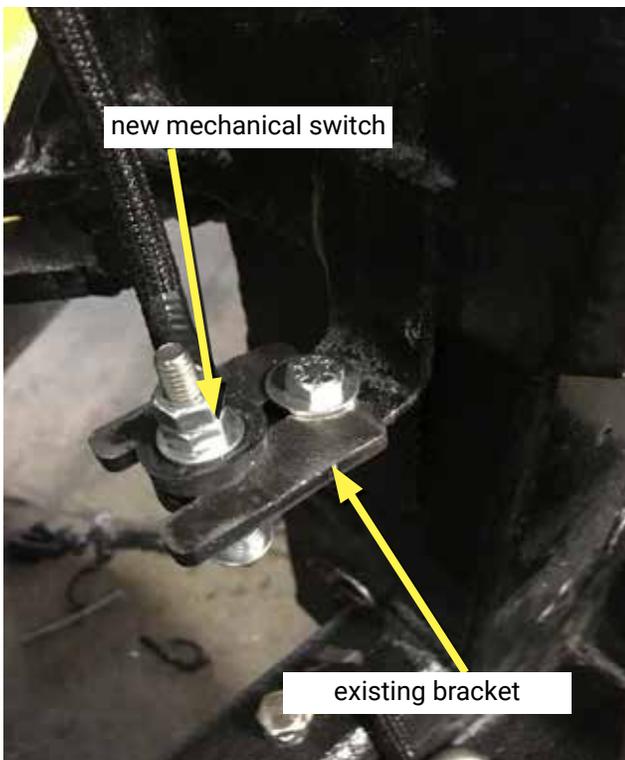
Mount new mechanical switch to existing switch bracket on the lift post as shown.

Manually raise the lift pan up until it stops and the hydraulics dead head.

Mark the location of where the switch bolt touches the lift pan.. This will be the location of the target bolt. Drill and tap hole (1/4 - 20) for bolt, add extra ground wire to the target bolt, and connect to the pan in an unused area.

Cut and terminate the incoming switch wire, terminate black lead, and use white wire to connect to new switch. Add a length of pink with black wire if needed. The switch works by grounding to the target bolt when the lift pan is up.

This switch can be adjusted up or down to insure pan is all the way up. Insure pan is up enough not to contact the floor pan and just touches the dry slide.



## Door In Limit Switch Installation

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Mount new mechanical switch to swing arm support as shown.

Manually close the door and mark the location of where the switch contacts the door. This will be the location of the target bolt.

Drill and tap hole (3/8 16) for switch target bolt.

Cut and terminate the incoming switch wire, terminate black lead and use white wire to connect to new switch. Add a length of purple with black wire if needed.

The switch works by grounding to the target bolt when the door closes. This switch can be adjusted in or out to insure door is closed all the way in. Use caution not to adjust the door in too far and cause damage.

