

To: All Distributors
Regional Sales Managers and National Sales Manager

From: Technical Support

Model: Wittke

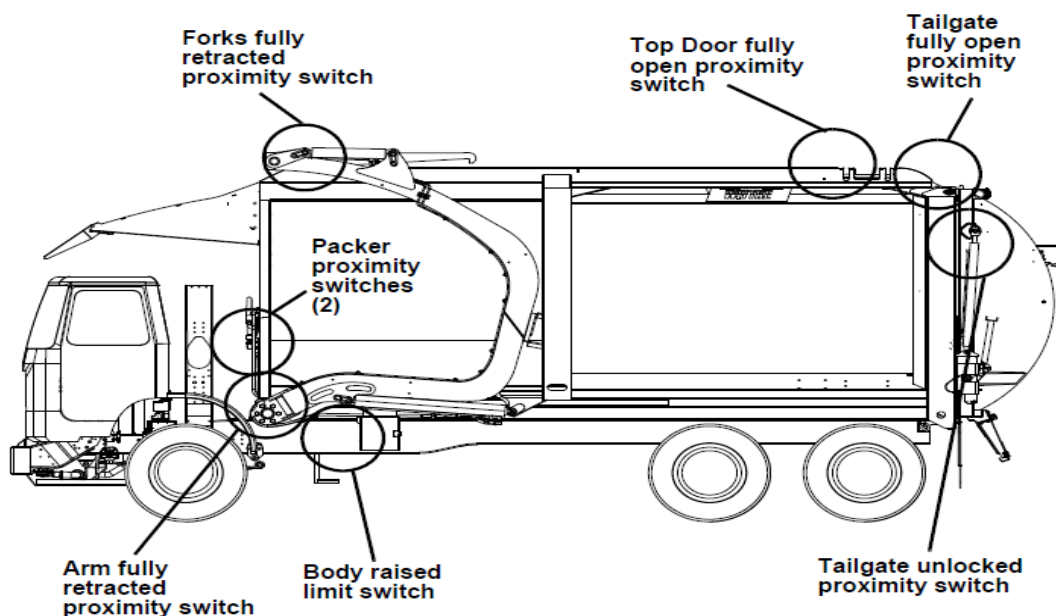
Subject: FL Proximity & Limit Switches

Proximity and limit switches must function properly. Serious damage to the equipment, injuries or death may occur if you operate the machinery with improperly adjusted switches. Proximity and limit switches act as remote electrical on/off switches and must be adjusted properly.

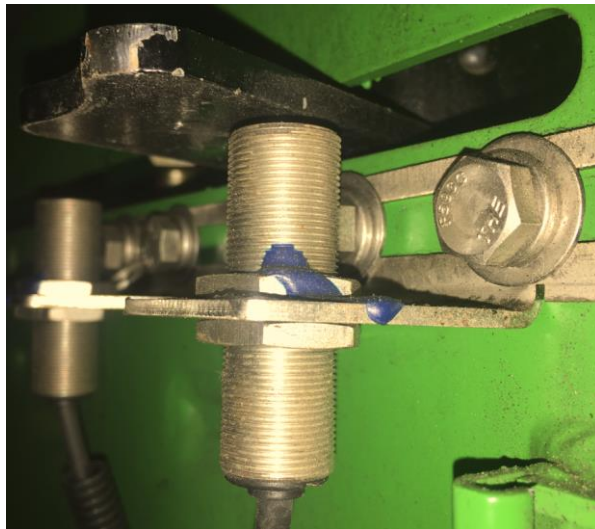
This document was created to act as a quick reference guide to the common proximity and limit switches on the Wittke FL body.

Be sure to follow all appropriate lockout tag out procedures and work instructions as contained in service and repair manuals as well as your standard shop/facility procedures before attempting these procedures.

Please reference the Wittke Maintenance Manual (183239) for complete details.

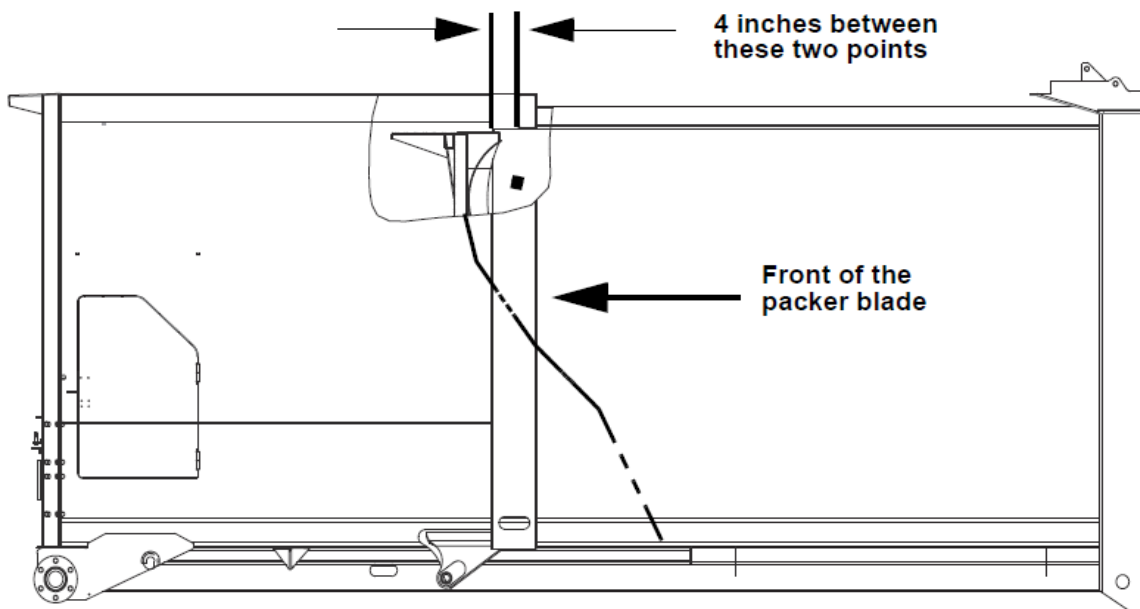


Adjust the proximity switch so that there is a gap of approximately 3/16 inch (4.8 mm) between the plate (target) and the switch.



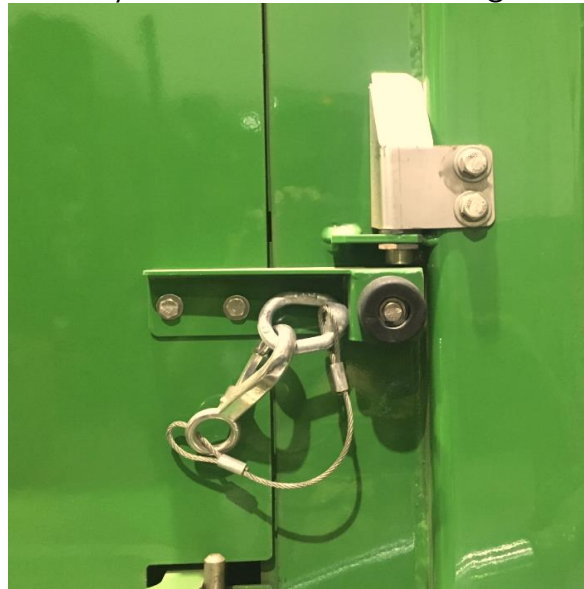
PACKER PROXIMITY SWITCH

The packer retracted must stop about 1 inch before the fully retracted position. The packer extended must stop 4 inches before front of the mid body breaker bar.



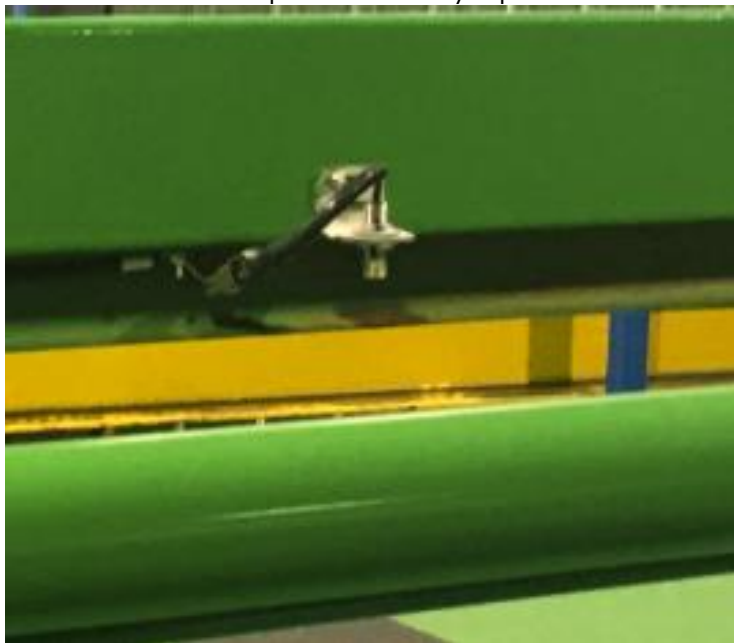
SIDE ACCESS DOOR PROXIMITY SWITCH

This proximity switch cuts all hydraulic power when the side access door is not closed. Adjust the proximity switch so there is a gap of 3/8 inch (9.5 mm) between it and the target.



TOP DOOR FULLY OPEN PROXIMITY SWITCH

Adjust the proximity switch so it detects the target when the top door is fully open.



Tailgate limit switch adjustment on Wittke

Adjust the proximity switch so that the switch can be triggered by the cylinder casing as the cylinder head moves upward. There should be a gap of approximately 3/16 inch between the cylinder casing and the switch.



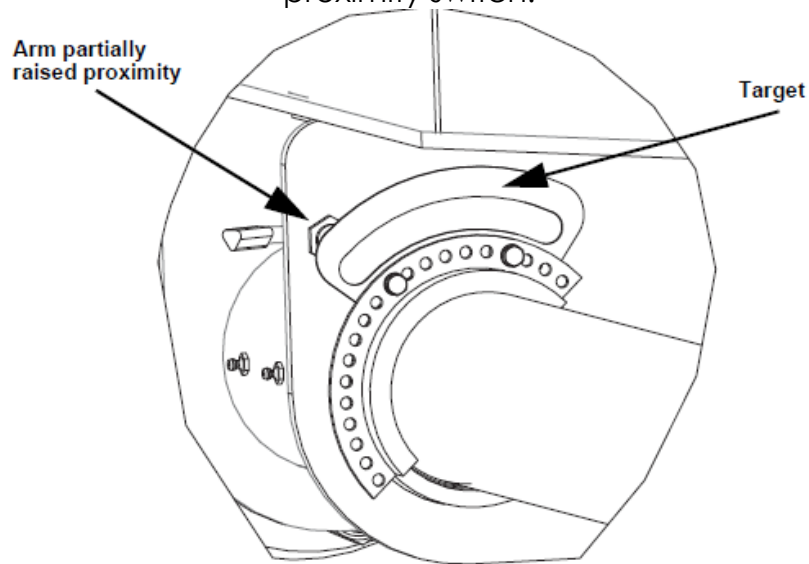
TAILGATE FULLY OPEN PROXIMITY SWITCH

Adjust the tailgate fully open proximity switch so it detects the target. The Tailgate fully open warning lamp should turn on.



ARMS PARTIALLY RAISED PROXIMITY SWITCH

Raise the arms until the center of the forks pivot is at the same height as the center of the canopy hinge. Adjust the target so it activates the proximity switch.



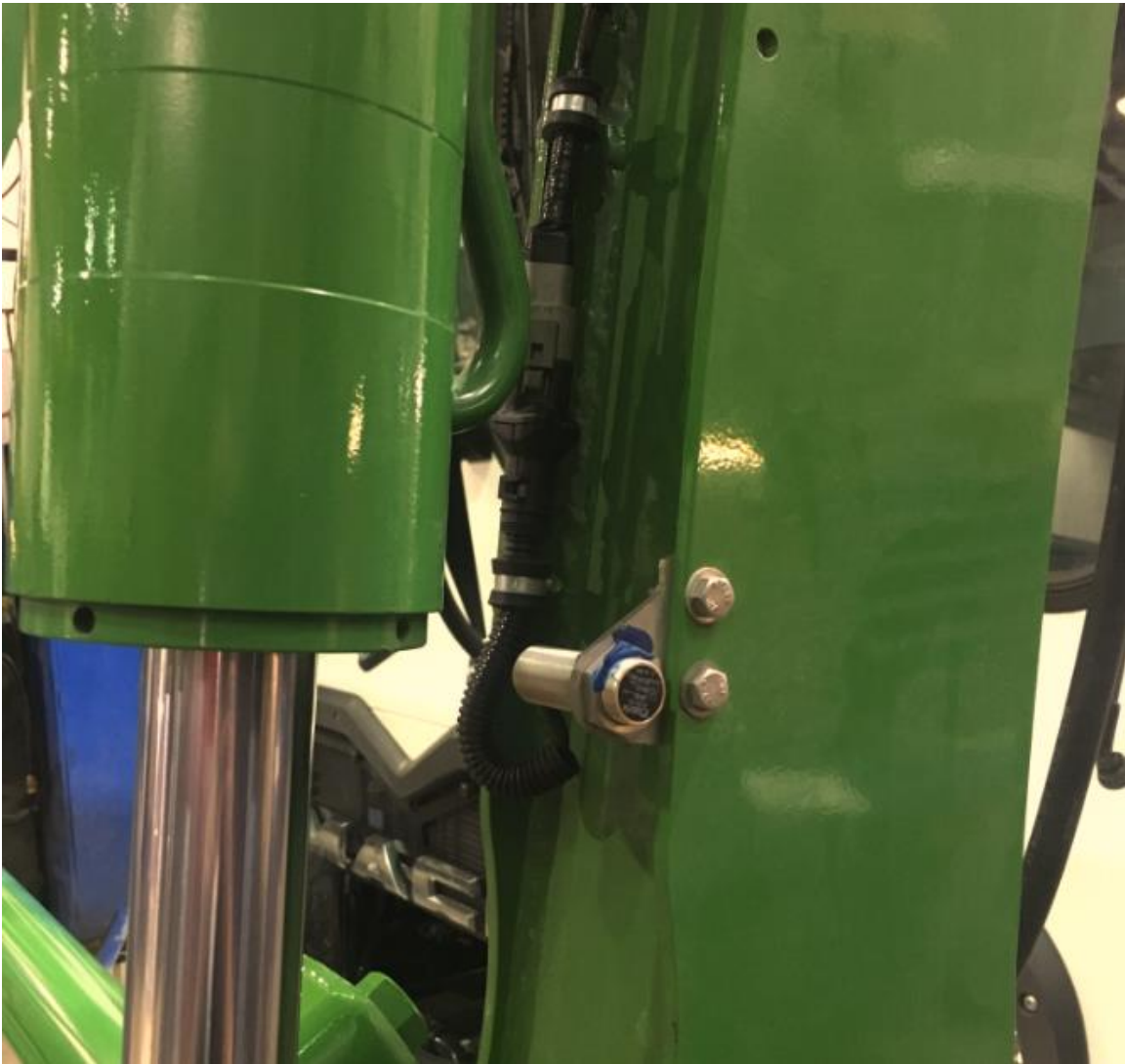
ARMS FULLY RETRACTED PROXIMITY SWITCH

Adjust the proximity switch so there is a gap of 3/8 inch (9.5 mm) between it and the target.



FORKS FULLY RETRACTED PROXIMITY SWITCH

Adjust the proximity switch so there is a gap of 3/8 inch (9.5 mm) between it and the target.



Please contact the LabriePlus Service Department at (800) 231-2771 with any questions or for further information.