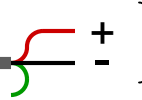


# **EASTERN LABS**

**Instructions  
Model 0598-PROX  
rev 02-10-05 & 04-07-06**

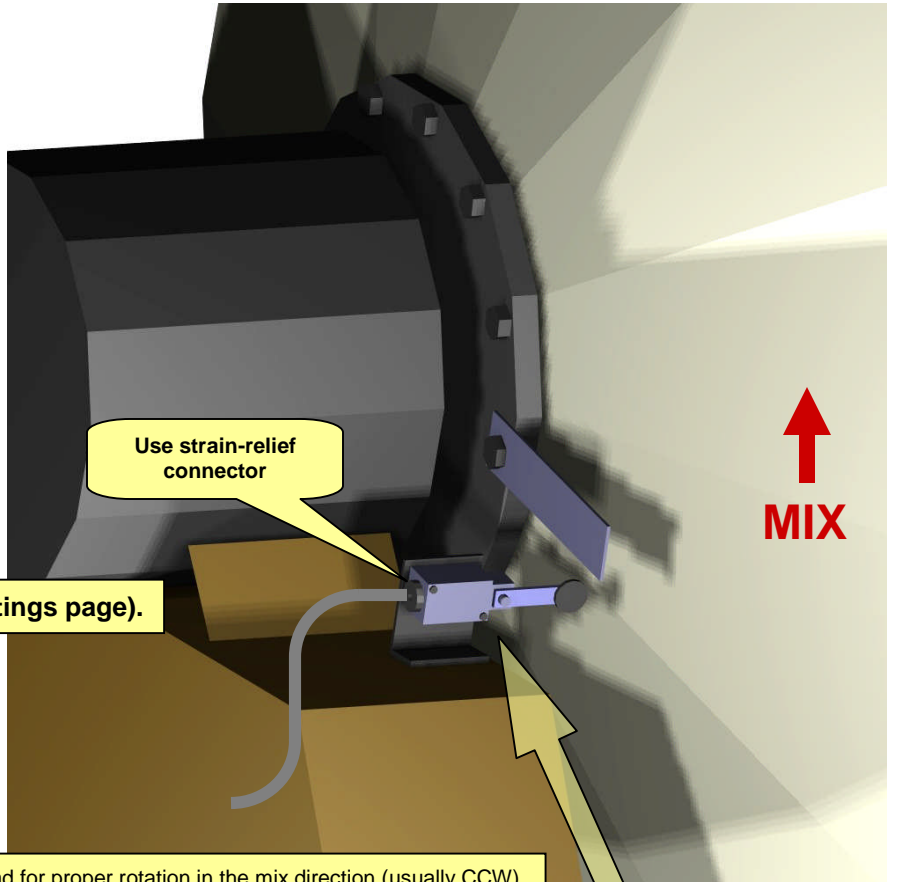
# Use this page only for Standard Limit Switch Installation

10ft Power Cable



12 to 24v connected after ignition switch

GRN no connection (NC)



Use strain-relief connector

Note: Set Pick-Up Type to Bar (See settings page).

20ft Cable to Sensor

Set Limit Switch head for proper rotation in the mix direction (usually CCW).  
Instructions on how to do this are included with the Limit Switch.

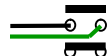
Limit Switch

20ft Cable

RED no connection

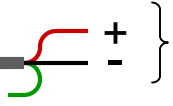
BLK & GRN to

Normally open contacts



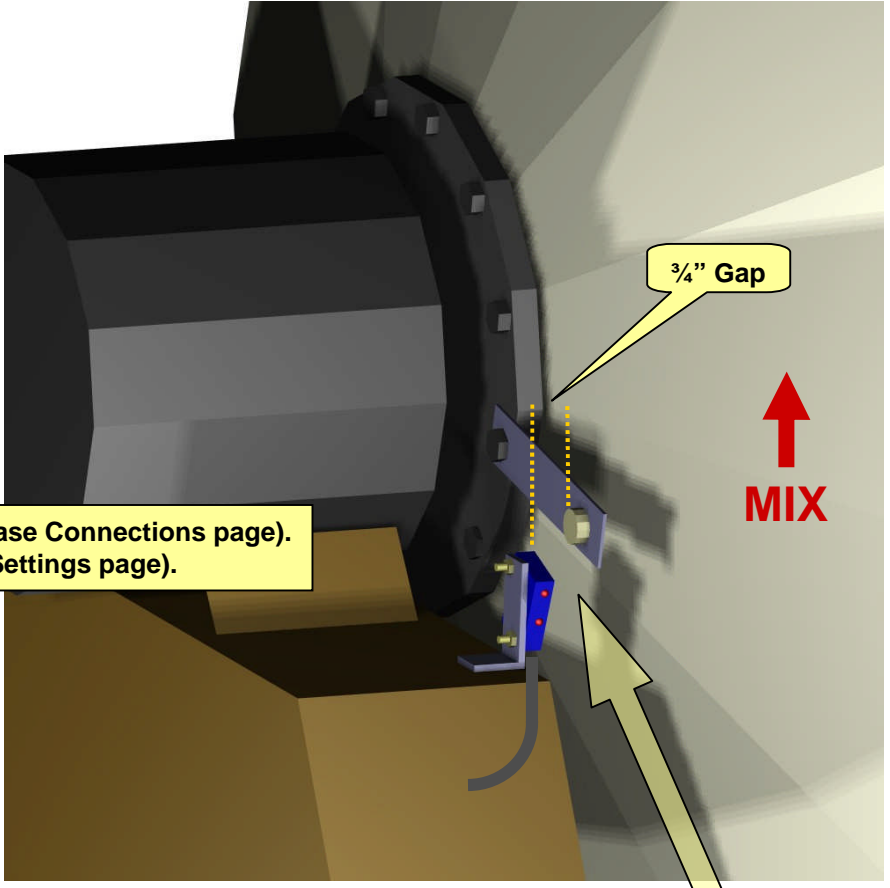
Use this page only for  
**DP-0306F Proximity Switch**  
**Installation**

10ft Power Cable



12 to 24v connected after ignition switch

GRN no connection (NC)



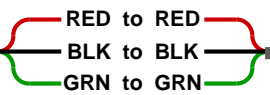
Notes: Connect red wire (See Under Base Connections page).  
Set Pick-Up Type to Fork (See Settings page).

20ft Cable to Sensor

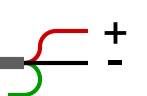
Eastern's Dual Proximity Sensor DP-0306F

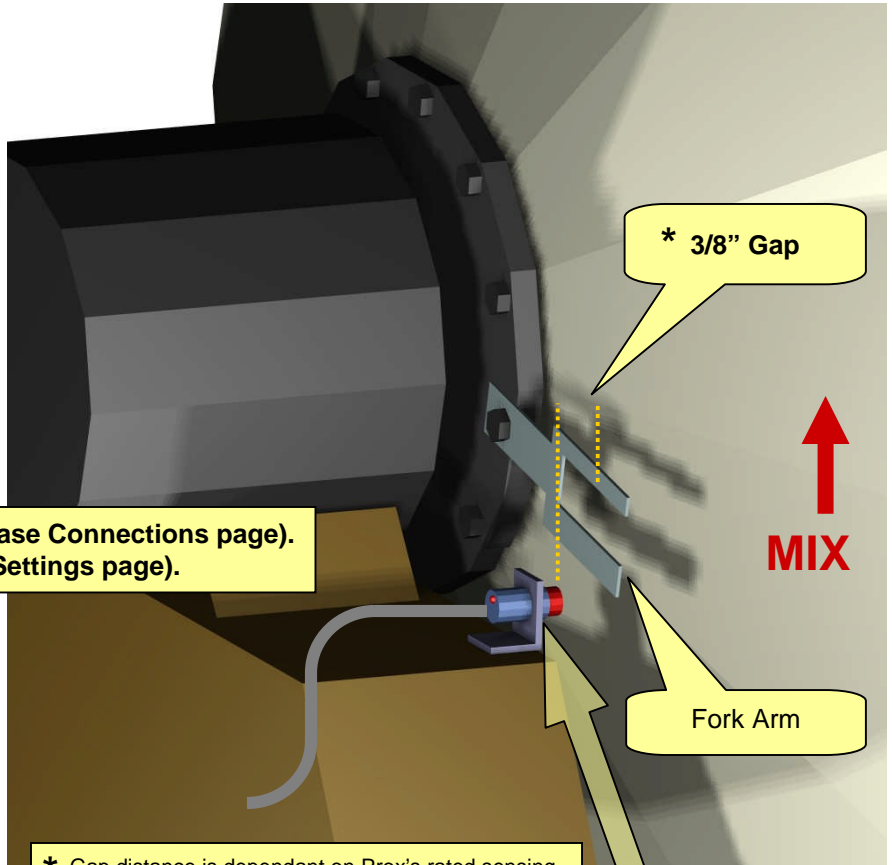
20ft Cable

Sensor connections.



Use this page only for  
**Standard Proximity Switch**  
**Installation**  
 Using a Fork Arm

10ft Power Cable  } 12 to 24v connected after ignition switch  
 GRN no connection (NC)

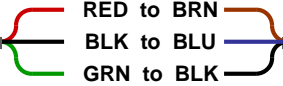


**Notes:** Connect red wire (See Under Base Connections page).  
 Set Pick-Up Type to Fork (See Settings page).

20ft Cable to Sensor

\* Gap distance is dependant on Prox's rated sensing distance. For practical purposes use 50-75% of that

**Standard Proximity Sensor with Fork Arm**

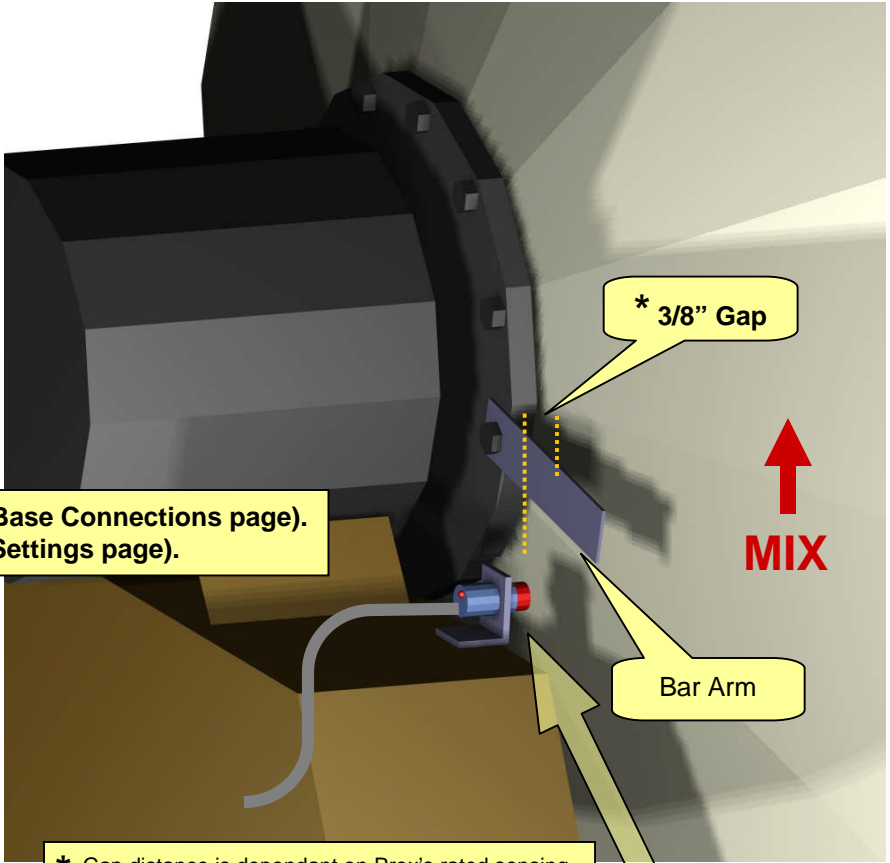
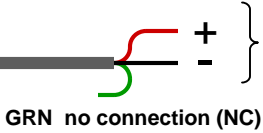
20ft Cable 

Sensor connections.



**Use this page only for  
Standard Proximity Switch  
Installation  
Using a Bar Arm**

10ft Power Cable



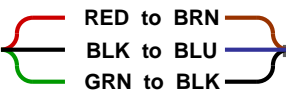
**Notes: Connect red wire (See Under Base Connections page).  
Set Pick-Up Type to Bar (See Settings page).**

20ft Cable to Sensor

\* Gap distance is dependant on Prox's rated sensing distance. For practical purposes use 50-75% of that

**Standard Proximity Sensor  
with Bar Arm**

20ft Cable

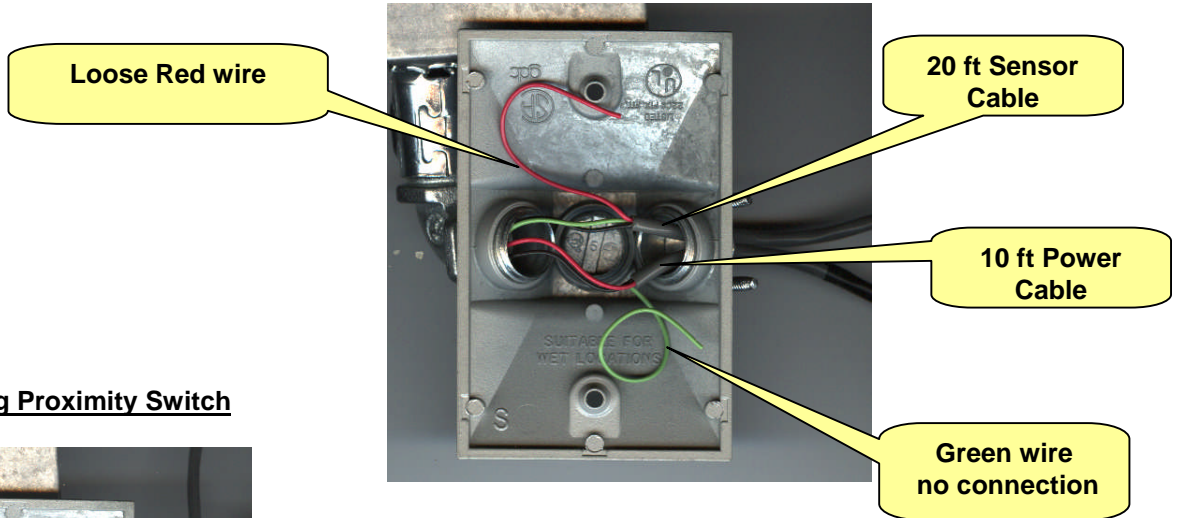


Sensor connections.

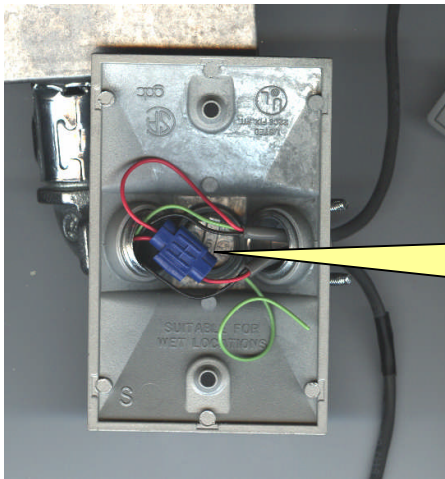
**Note: This is the only setup that is not NYSDOT accepted.**

# Under-Base power connection for Proximity Switches (Counter heads before Dec 2006)

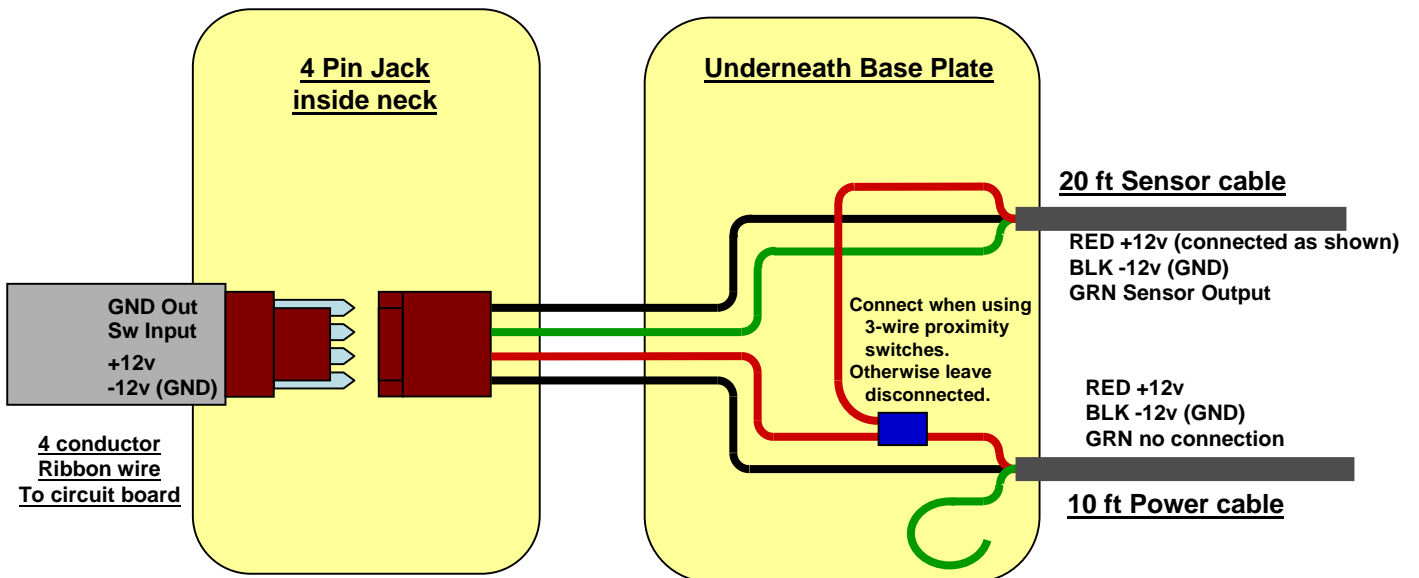
Setup for using Limit Switch



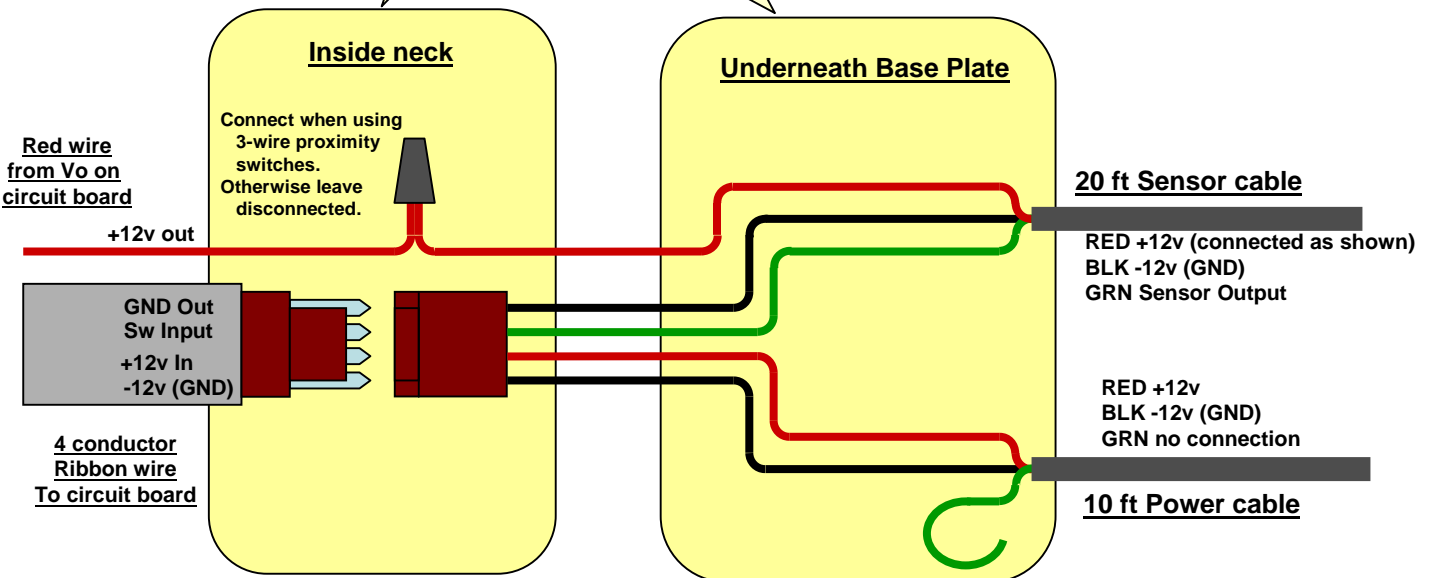
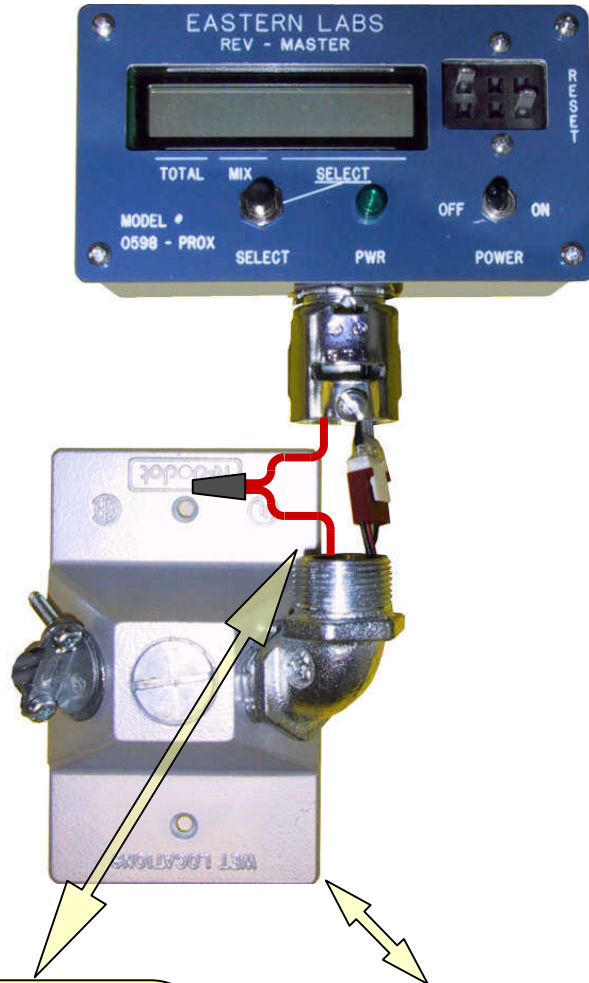
Setup for using Proximity Switch



Connect loose red wire of 20' sensor cable  
To  
Red wire of 10' power cable  
Shown here with a simple splice connector

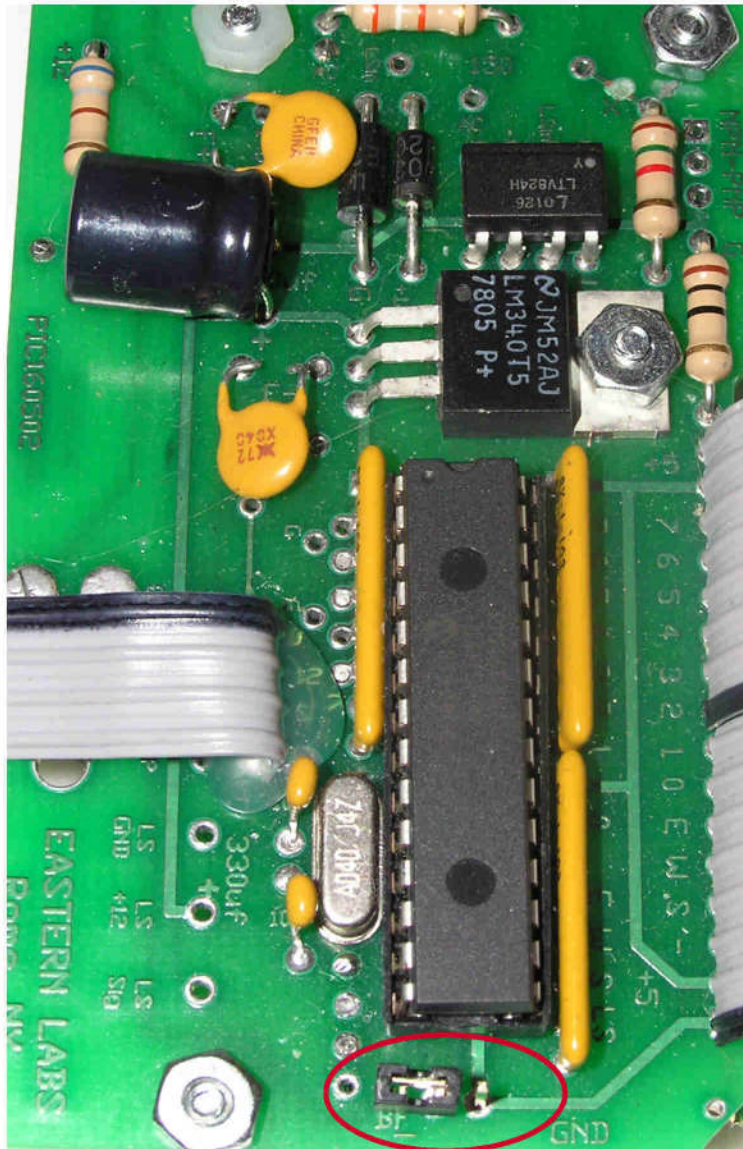


# In Neck Power Connection for Proximity Switches (Counter heads after Nov. 2006)



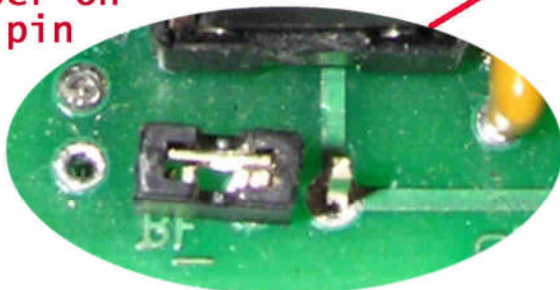
# Bar or Fork pickup arm setting

Circuit Board inside counter



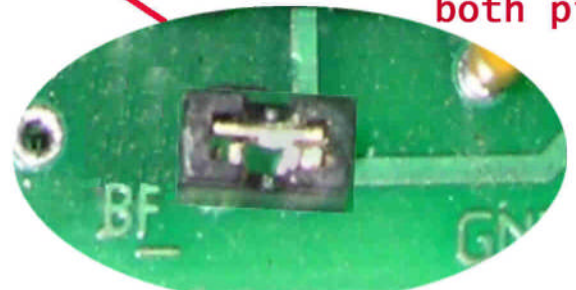
Jumper

Jumper on one pin



Set for Bar type pickup (default for limit switch)

Jumper on both pins



Set for Prox switch with fork arm (NYS DOT approved)



# Fork Arm Mounting Tips

