

This document describes a procedure for field adjustment of the door limit switches applied to Vapor bus door actuators as assembled on a Vapor baseplate. It covers both mechanical and proximity switches. This procedure does not verify the proper operation of the entire door control system, nor does it include a trouble shooting procedure.

If required, loosen the switch mounting screws and re-position the switch to insure a minimum of .015" of over-travel. Cycle the door engine to verify that the switches actuate and de-actuate properly.



Mechanical Switch



Proximity Switch

### Required Equipment

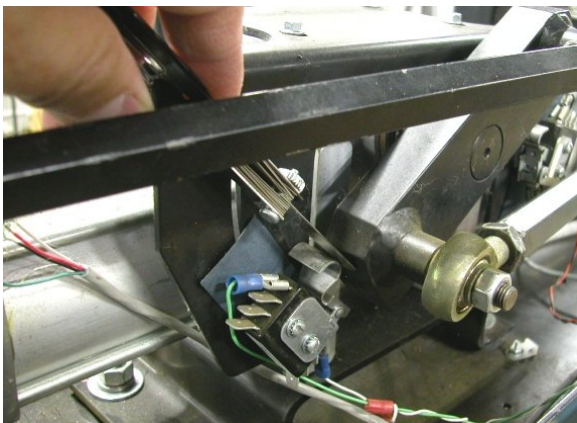
Open-end wrench set  
Feeler gauge set  
Flat blade screwdriver  
Phillips screwdriver

NOTE: Prior to making any adjustments, remove all tools from the baseplate assembly and near the door area. Keep hands away from all moving parts.

### Mechanical Switch Adjustment

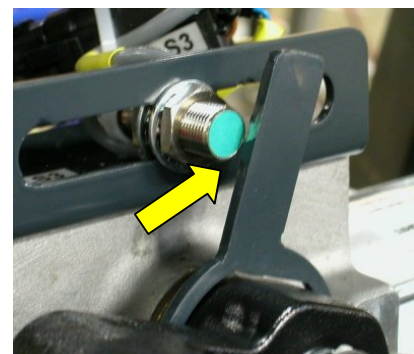
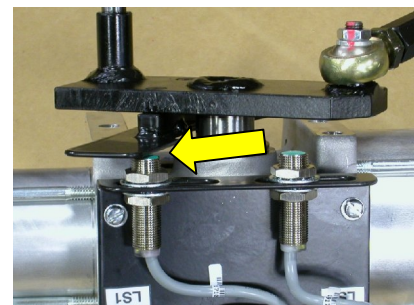
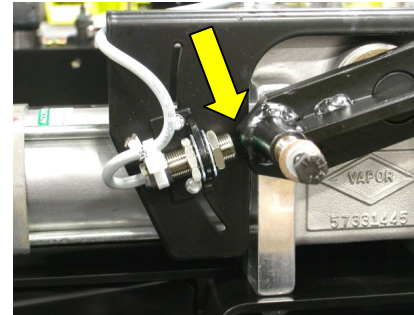
The teeter lever will actuate the switches in either the door closed or door open positions. Important: The mechanical switches require a minimum of .015" of over-travel after actuation (over-travel is the movement allowed in the switch after actuation and before the switch lever and plunger bottoms).

Measure the over-travel by placing the feeler gauge between the activated switch lever and the teeter.



### Proximity Switch Adjustment

Verify .08" +/- .005" gap between the target and the face of the switch.



If required, loosen the nuts holding the switch, using the open-end wrench, and re-position the switch. Cycle the door engine to verify that the switches actuate and de-actuate properly.

Switches should initially actuate approximately 5° before the fully opened/closed position and remain actuated while in the fully opened/closed position.