

IX. AUXILIARY SWITCH ADJUSTMENT:

1. Each auxiliary switch contact is spring loaded closed.
2. A contact is opened and held open by a cam operating against a roller – Refer to Figure 8.
3. The auxiliary switch is adjustable in infinite steps to open and close at any point in the line switch operation.
4. To adjust the auxiliary switch, use a 3/32 inch Allen wrench, loosen the screw that holds the cam on the cam wheel. Do not loosen the screw more than required to allow cam movement.
5. Slide the cam around the cam wheel to desired position and retighten the screw.
6. Allow approximately 1/4 inch clearance between the cam and cam roller – Refer to Figure 8.
7. Retighten the cam wheel set screw firmly. Do not over tighten.
8. Perform several trial operations to make sure the setting is correct.
9. Each contact is adjusted independent of other contacts. Any contact may be made a Type A or Type B by adjusting the switch as indicated on Page 7.

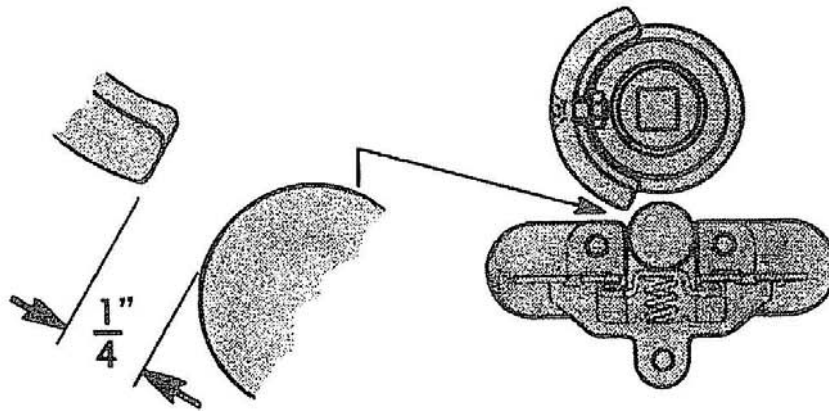




FIGURE 8

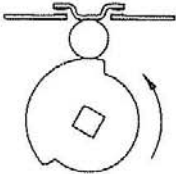
PROCEDURE FOR SETTING AUXILIARY AND LIMIT SWITCH CONTACTS

Factory Settings (All illustrations shown from above):

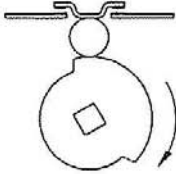
-  Closed in counter-clockwise limit position (CCW).
-  Closed in clockwise limit position (CW).

ALL ILLUSTRATIONS SHOWN FROM ABOVE

LIMIT SWITCHES

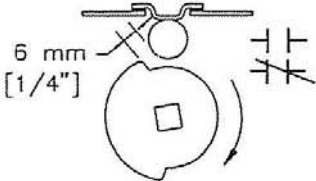



CCW - LS: Set mechanism (vertical pipe) in CCW limit position and set as shown.

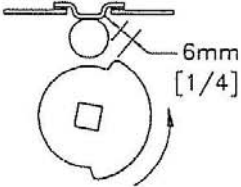



CW - LS: Set mechanism (vertical pipe) in CW limit position and set as shown.

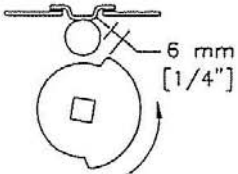
AUXILIARY SWITCHES




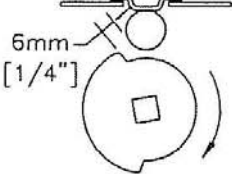
Vertical pipe moves CCW to open.
1. Set mechanism in closed position and set all  auxiliary switches as shown




Vertical pipe moves to CW to open.
1. Set mechanism in closed position and set all  auxiliary switches as shown.



Vertical pipe moves to CCW to open.
2. Set mechanism in open position and set all  auxiliary switches as shown.



Vertical pipe moves CW to open.
2. Set mechanism to open position and set all  auxiliary switches as shown.