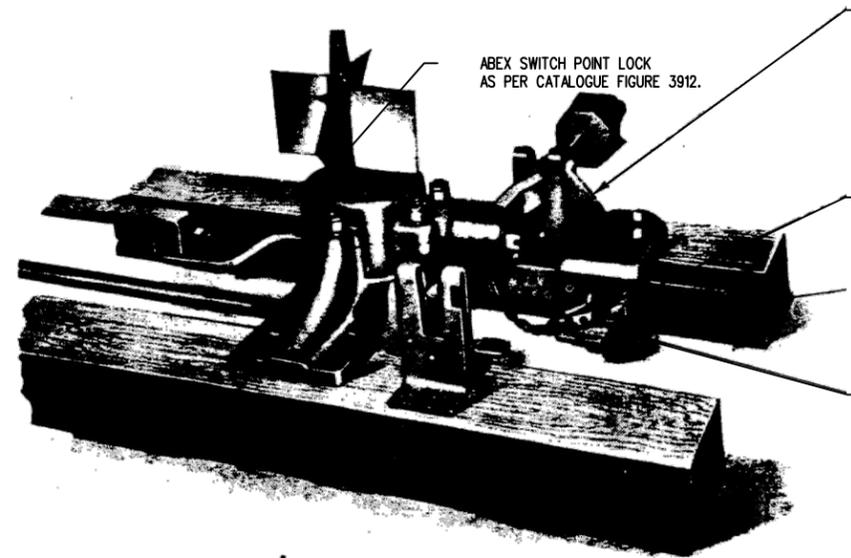




A PROPER INSTALLATION FOR A SWITCH POINT LOCK IS ON THE SECOND HEAD BLOCK TIE, BETWEEN THE CONNECTING ROD AND THIS TIE, AS SHOWN. THE HAND LEVER OF THE "CLOSED SWITCH" SWITCH STAND MUST ALSO BE OVER THIS TIE. IF THE HAND LEVER IS OVER THE FIRST TIE IN THE CLOSED POSITION, SUGGEST CHANGING THE POSITION OF THE HANDLE ONLY TO ALLOW HAND LEVER TO REST OVER SECOND TIE IN THE CLOSED SWITCH POSITION.



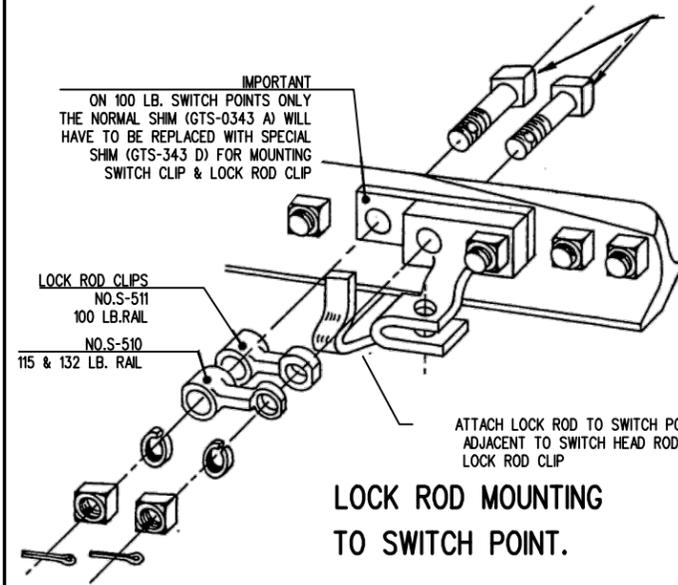
ABEX SWITCH POINT LOCK AS PER CATALOGUE FIGURE 3912.

REPLACE ORDINARY 360 LATCH WITH SPECIAL LATCH SUPPLIED WITH SWITCH LOCK PACKAGE. PLACE LATCH ON HAND LEVER OF SWITCH STAND AND FASTEN TO THE TIE WITH LAG BOLTS.

ABUT TREADLE LOCK AGAINST SPECIAL LATCH. THE LATCH LEVER MUST CONTACT THAT PART OF THE TREADLE LOCK WHICH MOVED UP & DOWN WHEN FOOT TREADLE IS DEPRESSED. SEE ILLUSTRATION BELOW.

SWITCH LOCK

TYPICAL "36D" SWITCH STAND INSTALLATION (ABEX CATALOGUE FIGURE *3912)



LOCK ROD MOUNTING TO SWITCH POINT.

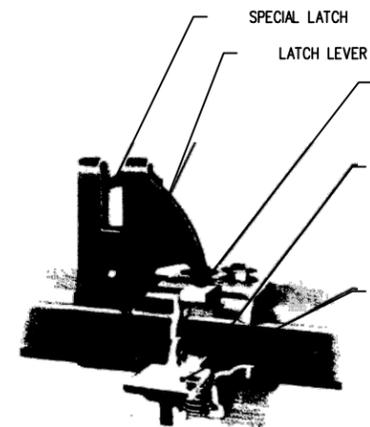
REPLACE EXISTING CLIP BOLTS & REINFORCING STRAP BOLTS WITH EXTRA LONG BOLTS SUPPLIED.

100 LB RAIL-3/4" BOLTS (GTS-1304/7 & /8)
115 LB AND 132 LB RAIL-BOLTS (GTS-1305/26 & /27)

TO ADJUST THE LOCK ROD REMOVE THE COTTER, NUT AND SHIMS FROM THE BOLT. MEASURE THE DISTANCE BETWEEN ADJACENT END OF THE LOCK ROD AND SELECT A QUANTITY OF SHIMS, THE COMBINED THICKNESS OF WHICH EQUALS THIS DISTANCE. INSERT THESE SHIMS BETWEEN THE END OF THE LOCK ROD SECTIONS AND PLACE THE REMAINING SHIMS ON THE BOLT WHERE IT EXTENDS THROUGH THE END OF THE LOCK ROD. REPLACE THE NUT AND COTTER PIN.

SQUARE WASHER SHIMS
7-1/4" THICK
2-1/8" THICK
2-1/16" THICK
2-1/2" THICK

LOCK ROD ASSEMBLY



LATCH AND TREADLE LOCK INSTALLATION

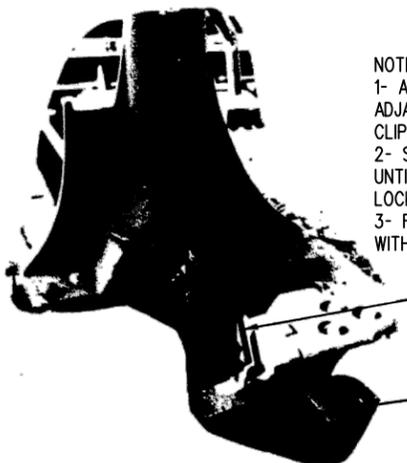
NOTE: LEVER MUST CONTACT THIS PART OF TREADLE LOCK.

ADJUST LENGTH OF LOCK ROD TO SUIT THE ABOVE SET-UP SO THAT WHEN THE SWITCH POINT IS CLOSED THE TREADLE WILL SNAP INTO THE SLOT IN THE LOCK ROD.

FOOT TREADLE

NOTES:

- 1- SWITCH POINT LOCKS ARE ONLY TO BE APPLIED TO RIGID TYPE 31 B AND 36 D SWITCH STAND.
- 2- WHEN ORDERING SWITCH POINT LOCKS:
 - STATE TYPE OF LOCK REQUIRED: FIGURE 3911 FOR 31B SWITCH STAND
 - FIGURE 3912 FOR 36D SWITCH STAND WITH APPROPRIATE STOCK NUMBER
 - FOR 100 LBS.RAIL INSTALLATIONS (ONLY) REQUISITION 3 HOLE SHIM 343 D
 - REQUISITION SWITCH LOCK OR SWITCH LOCK AND CHAIN COMBINATION, WHEN REQUIRED, TO SUIT TYPE OF SWITCH STAND
- 3- RETURN TO STORES ALL REPLACED BOLTS, NUTS, SPRING-WASHERS AND ON 100 LBS. INSTALLATION THE TWO HOLE CLIP SHIM.
- 4- ALL SWITCH POINTS LOCKS CALLED UP ON THIS PLAN ARE "NEAR" POINT TYPE. ALL INSTALLATIONS REQUIRING A "FAR" POINT TYPE SWITCH POINT LOCK (MAYBE INSULATED) WILL BE TREATED AS SPECIAL AND THE ENGINEER MAINTENANCE SHOULD BE CONTACTED.



TYPICAL "31B" SWITCH STAND INSTALLATION (ABEX CATALOGUE FIGURE *3911)

- NOTES
- 1- ATTACH LOCK ROD TO SWITCH POINT ADJACENT TO SWITCH HEAD ROD WITH CLIP AND BOLTS AS ILLUSTRATED ABOVE.
 - 2- SLIDE TREADLE LOCK ONTO LOCK ROD UNTIL TREADLE SNAPS INTO SLOT IN THE LOCK ROD.
 - 3- FASTEN TREADLE LOCK TO THE TIE WITH SCREW SPIKES SUPPLIED.

FOR 31B SWITCH STANDS THE HOOK & PADLOCK ASSEMBLY SHOULD BE USED

SWITCH LOCK WITH CHAIN & HOOK STOCK NUMBER: 45-28-295

ABEX SWITCH POINT LOCK AS PER CATALOGUE FIGURE 3911

LOCK ROD ASSEMBLY	DESCRIPTION	END USE
100 LB 115 & 132 LB.	SWITCH POINT LOCK ASSEMBLY ABEX CATALOGUE FIGURE 3911	FOR "31B" SWITCH STAND USING CONNECTING ROD 703 B (5' 4-1/2")
100 LB 115 & 132 LB.	SWITCH POINT LOCK ASSEMBLY ABEX CATALOGUE FIGURE 3912	FOR "36D" SWITCH STAND USING CONNECTING ROD 703 D (2' 10-1/2")

0	17/12/15	REVISED PDF VERSION ESTABLISHED	
No.	Date	Revision	By Approved

Standard / **INSTALLATION DETAIL-ABEX IND.TYPE SWITCH POINT LOCK FOR 100,115 7 132 LB.RAILS**

Drawn MG Checked GGS Approved *KBL*
VP Corridor Infrastructure



Date DEC 15, 2017 Plan Number GTS-0712 Rev 0

REFERENCE: TS-712 A/B Sheet 1 OF 1