



ASSEMBLY	
Required	Item
1	Switch Circuit Controller
1	Switch Box Tie - Fig. 3
1	Switch Box Operating Rod, P.I. J-1061, Ref. A. U.S. & S. Co.
1	Lug, P.I. J-1061, Ref. 2. U.S. & S. Co.
3	Angle Iron Washer, C.E. 10147, Sh. 11, Item 20-164-5.
3	3/4 x 5 Sq. Hd. Mach. Bolts, Hex. Nuts, & Hi-Power Spring Washers.
1	Style "W" 14 Way Junction Box.
1	Street Ell 1 1/2" Galv. 45° Complete with "Jake" Straight Box Connector & 2 Lock Nuts.
16 Inches	1 1/2" Flexible Conduit.
1	Concrete Foundation For Junction Box.
2	Tie Spacing Straps, Fig. 1.
6	3/4" x 4" Drive Lag Screws.
2	Square Grip Nut Locks

REVISIONS	
11-16-42	Notching for switch box tie changed from 2" to 1 1/2"
C.M.F.	D.Z.M.
10-22-43	Switch Box Operating Rod & Lug made Ball & Socket Type.
C.M.F.	
9-15-52	Angle Iron Fig. 2 removed. Added Angle Iron Washer.

For Foundation See CE 10292, Sh. 3.

Style U-5 Switch Circuit Controller, 2 position having 4 front and 4 back contacts similar to Ref. A, P.I. J-1047 except with nut for locking arrangement - with crank Ref. 5, P.I. J-1047, wire guide Ref. 21, P.I. J-1050 with 1 1/2" Jake Straight Box Connector Union Switch & Signal Co.

Style "W" 14-Way Junction Box with wing nuts and 3/4" hex nuts (without foundation bolts) similar to Ref. B, P.I. L-1251 but without hole "Y"; with hole "Z" for 1 1/2" Conduit Union Switch & Signal Co.

Note  
Painting:-  
Switch circuit controller, operating rods, and style "W" junction box to be painted engine black. Concrete foundations to be natural finish.  
All wire inlets to be sealed with oakum and insulating paint. Bottom of junction box to be sealed with oakum and petrolastic cement.

SOUTHERN PACIFIC COMPANY  
PACIFIC LINES  
SELECTOR WIRED SWITCH ASSEMBLY  
SCALE AS NOTED 6-27-41