SLIDING DERAIL INSTALLATION

1. FOR TYPE 2 PROTECTION PER STD DWG 3200, A WHEEL CROWDER AND KICKER RAIL MUST BE INSTALLED IN CONNECTION WITH ALL SLIDING DERAILS (SEE DETAILS THIS DWG).
2. HAYES STAND SHOULD BE USED ON ALL DERAILS NOT MARKED "SS" FOR SHORT THROW. IF DERAIL IS MARKED "SS" THAN OTHER SWITCH STANDS MAY BE USED. THE SHORTER THROW CAN CAUSE THE DERAIL TO NOT SEAT CORRECTLY.
3. A GAP OF 1/8 INCH BETWEEN THE SHOE AND THE HEAD OF THE RAIL IS ALLOWABLE WHEN THE DERAIL IS LOCKED FULLY IN PLACE.
4. TO ADJUST THE HEIGHT OF THE DERAIL AND BRING IT WITHIN TOLERANCE, THE PLATES MAY BE CHANGED OR PLASTIC SHIMS UTILIZED. 1/4" AND 1/2" SHIMS ARE AVAILABLE USING THE ITEM NUMBER PROVIDED. THE RAISED GAGE PORTION OF THE TIE PLATE IS TO BE REMOVED.
5. UPON INSTALLATION THE THRUST SHAFT MUST LOCK INTO THE DERAIL BOX WHEN THE SHOE OF THE DERAIL IS RESTING ON THE RAIL. IF THERE IS A GAP BETWEEN THE THRUST SHAFT AND DERAIL, THE DERAIL MUST BE ADJUSTED TO BRING IT WITHIN TOLERANCE FOR THAT DERAIL SIZE.
6. ALL DERAILS AND WHEEL CROWDERS TO BE PAINTED SAFETY YELLOW.
7. ALL NEW INSTALLATIONS OF SLIDING AND KICKED DERAILS ALONG WITH WHEEL CROWDERS SHALL BE SECURED TO THE TIE WITH LAS SCREWS. ALL AVAILABLE HOLES SHALL BE SECURED UPON INSTALLATION.
8. WHEN INSTALLING A SLIDING DERAIL IN A CURVE THE DERAIL MUST BE INSTALLED ON THE HIGH SIDE.
9. WHEEL CROWDER TO SHIP WITH AN INSULATED CROWDER ROD TO ALLOW FOR INSTALLATION IN SIGNALIZED TRACK. INSULATED CROWDER ROD CAN BE ORDERED USING ITEM NO. 899-1800.

FOR DERAIL PLACEMENT, SEE UPRR STD DWG 3200.
FOR SWITCH TARGETS, SEE UPRR STD DWG 2020.
FOR COACH SCREWS, SEE UPRR STD DWG 4260.

SLIDING DERAIL WITH WHEEL CROWDER

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<tr>
<th>DESCRIPTION</th>
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<tr>
<td>1/4&quot; PLASTIC SHIM</td>
<td>689-0400</td>
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<tr>
<td>1/2&quot; PLASTIC SHIM</td>
<td>689-0400</td>
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18" TARGET SHOWN

HAYES STAND SHOWN

CROWDER ROD

6 0" ROD SHOWN

(2) 7x8" x 16 0" SWITCH TIES REQUIRED

FOR KICKER RAIL USE AN 8" STICK OF OLE. RAIL BUTTED UP TO WHEEL CROWDERS MECHANISM

SLIDING DERAIL WITH WHEEL CROWDER

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