

**CAR MOVEMENT**

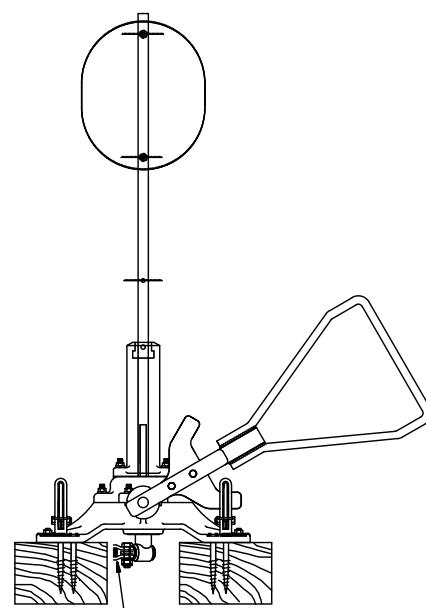
**DETERMINING A RIGHT OR LEFT HAND DERAIL:**

LOOKING IN THE DIRECTION OF MOVEMENT OF A CAR TO BE DERAILED, A RIGHT HAND DERAIL (AS SHOWN) GOES ON THE RIGHT HAND RAIL AND DERAILS TOWARDS THE RIGHT. CONVERSELY WITH A LEFT HAND DERAIL.

**SIZE:** THE SIZE NUMBER FOLLOWS THE MODEL DESIGNATION ON THE NAME PLATE ON THE DERAIL GUIDE BOX. THIS NUMBER INDICATES THE DISTANCE IN EVEN INCHES FROM THE TOP OF RAIL TO THE SURFACE ON WHICH THE DERAIL GUIDE BOX MUST BE PLACED.

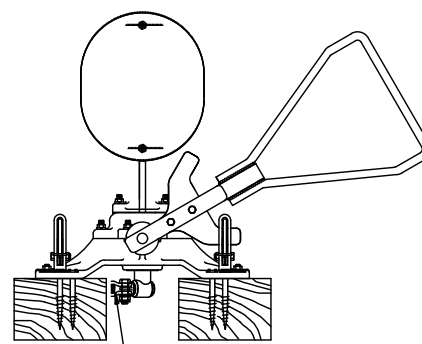
ADJUST CRANKEYE 3-3/8" FOR 6-1/4" REQUIRED THROW ON SLIDING HB DERAIL.

**TYPICAL EXEMPTION DERAIL ARRANGEMENT**



CONNECTING ROD 713 B

36 EH STAND (HIGH MAST)



CONNECTING ROD 713 C

36 E STAND (LOW MAST)

**NOTES:**

1. WHEN A DERAIL IS INSTALLED OR REMOVED THE PROPER OPERATIONS OFFICER MUST BE ADVISED IMMEDIATELY.
2. THE INSTALLATION OF A SLIDING TYPE DERAIL, WITH ACCESSORIES, TO BE IN ACCORDANCE WITH THIS PLAN AND THE LATEST ISSUE OF GO TRACK STANDARDS-3603.
3. THE DIVISION ENGINEER WILL SPECIFY AT EACH DERAIL INSTALLATION THE:
  - ( A ) TYPE OF DERAIL
  - ( B ) LOCATION OF DERAIL, AND
  - ( C ) ACCESSORIES REQUIRED AT DERAIL.
4. THE LOCATIONS OF DERAILS AS SHOWN ON THIS PLAN ARE GENERAL & FINAL LOCATION TO BE DETERMINED BY CHARACTERISTICS AT EACH INDIVIDUAL SITE. FINAL LOCATION TO GIVE MOST ADVANTAGEOUS WORKING EFFECT TO DERAIL, FOR COMPLETE PROTECTION OF TRACK.
5. ON SIGNALLED TRACK EXEMPTION DERAILS MUST BE INSTALLED SO AS TO AFFECT THE SIGNAL SYSTEM. S & C WILL CO-ORDINATE INSTALLATION.
6. WHERE CLEARANCES WILL NOT PERMIT THE USE OF 31 B OR 36 EH (HIGH MAST) STANDS, 36 E (LOW MAST) SHALL BE USED.

**METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm**

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
No.	Date	Revision	By Approved

Standard / **INSTALLATION DETAILS  
EXEMPTION DERAIL  
HAYES HB STYLE FOR 85, 100, 115, 132 &  
136 LB. RAIL**

Drawn THM Checked GM Approved VP Engineering & Asset Management



Date SEPT 15/2017 Plan Number GTS-2209 Rev 1

REFERENCE: TS-2209\_SH2\_R1

Sheet 2 OF 2