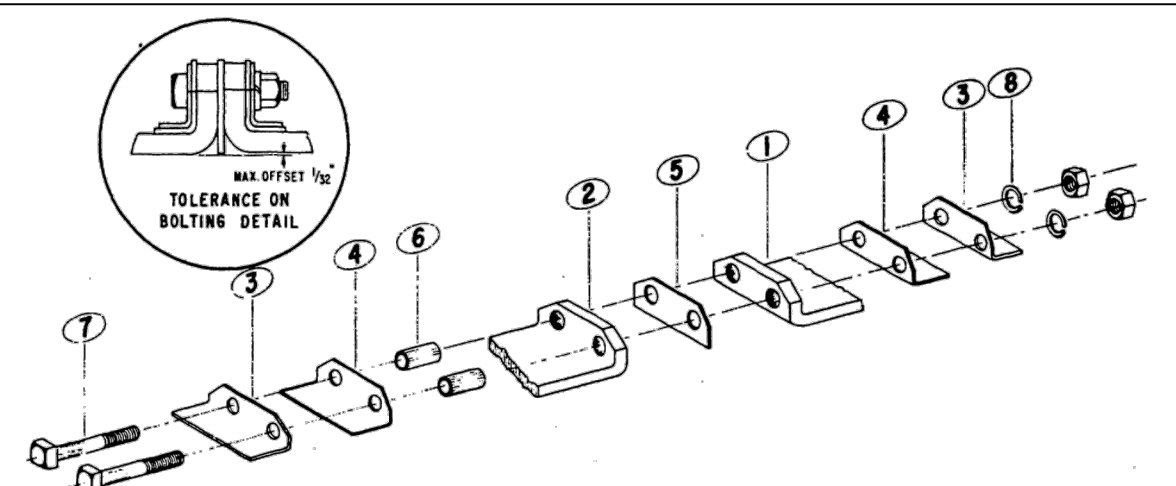


**BILL OF MATERIAL  
FOR 100# & 115# RAIL GAUGE PLATES**

STOCK NO. NEW	STOCK NO. PARTLY WORN	ITEM NO.	DESCRIPTION	MARK NO.	STANDARD PLAN NO.	QUANTITIES FOR COMPLETE GAUGE PLATES
		1	GAUGE PLATE (HALF)	GP0	GTS-0514	
			GAUGE PLATE (HALF)	GP1	GTS-0514	
			GAUGE PLATE (HALF)	GP4	GTS-0514	
			GAUGE PLATE (HALF)	GP5	GTS-0514	
			GAUGE PLATE (HALF)	GP6	GTS-0514	
			GAUGE PLATE (HALF)	GP7	GTS-0514	
			GAUGE PLATE (HALF)	GP8	GTS-0514	
			GAUGE PLATE (HALF)	GP12	GTS-0514	
			GAUGE PLATE (HALF)	GP15	GTS-0514	
			GAUGE PLATE (HALF)	GP16	GTS-0514	
			GAUGE PLATE (HALF)	GP17	GTS-0514	
			GAUGE PLATE (HALF)	GP19	GTS-0514	
			GAUGE PLATE (HALF)	GP20	GTS-0514	
			GAUGE PLATE (HALF)	GP23	GTS-0514	
			GAUGE PLATE (HALF)	GP24	GTS-0514	
		2	GAUGE PLATE (HALF)	GP0	GTS-0514	
			GAUGE PLATE (HALF)	GP1	GTS-0514	
			GAUGE PLATE (HALF)	GP2	GTS-0514	
			GAUGE PLATE (HALF)	GP3	GTS-0514	
			GAUGE PLATE (HALF)	GP4	GTS-0514	
			GAUGE PLATE (HALF)	GP9	GTS-0514	
			GAUGE PLATE (HALF)	GP10	GTS-0514	
			GAUGE PLATE (HALF)	GP11	GTS-0514	
			GAUGE PLATE (HALF)	GP13	GTS-0514	
			GAUGE PLATE (HALF)	GP14	GTS-0514	
			GAUGE PLATE (HALF)	GP18	GTS-0514	
			GAUGE PLATE (HALF)	GP21	GTS-0514	
			GAUGE PLATE (HALF)	GP22	GTS-0514	
			GAUGE PLATE (HALF)	GP25	GTS-0514	
			GAUGE PLATE (HALF)	GP26	GTS-0514	
		3	ANGLE PLATE	517	GTS-0517	
		4	FIBRE ANGLE PLATE		GTS-0516B	
		5	FIBRE END POST		GTS-0516A	
		6	FIBRE BUSHING		GTS-0516C	
		7	3/4" DIA. -10 UNC SQ. HD. BOLT X 4-1/4" LONG C/W HEX. NUT		GTS-1303/1	
		8	SPRING WASHER FOR 3/4" DIA. BOLT		GTS-1301	

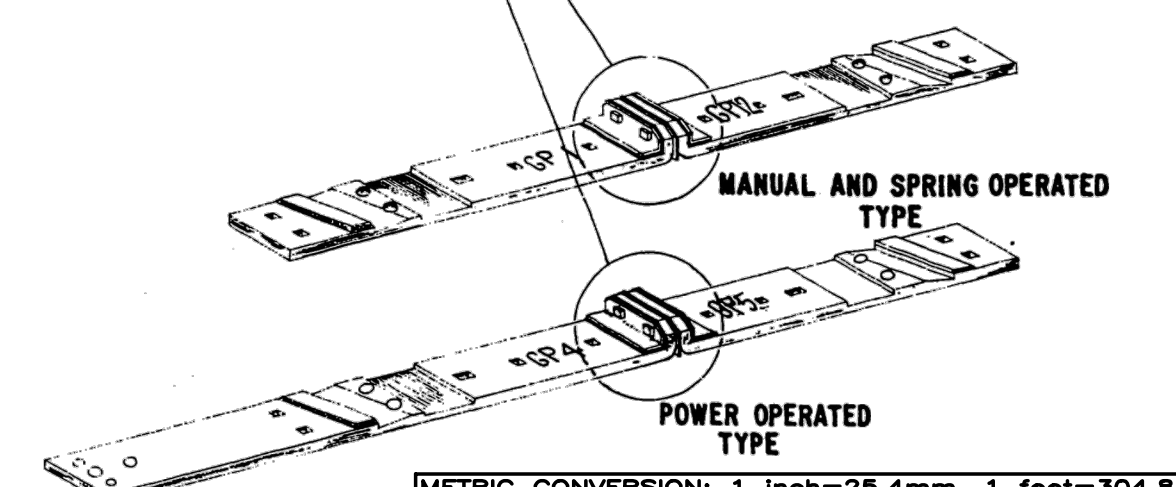
QUANTITIES FOR COMPLETE GAUGE PLATES

MARK NO.	STANDARD PLAN NO.	GP0	GP1	GP4	GP5	GP6	GP7	GP8	GP12	GP15	GP16	GP17	GP19	GP20	GP23	GP24	GP0	GP1	GP2	GP3	GP4	GP9	GP10	GP11	GP13	GP14	GP18	GP21	GP22	GP25	GP26	517	



**TYPICAL GAUGE PLATE-INSULATED JOINT ASSEMBLY**

**IDENTIFICATION REMARKS:**  
WHEN REFERRING TO A COMPLETE GAUGE PLATE ASSEMBLY AS SHOWN, MARK NUMBER OF BOTH GAUGE PLATE HALVES MUST BE STATED (EX. GP12-GP1) TO IDENTIFY THE ACTUAL GAUGE PLATE. THE RIGHT SIDE GAUGE PLATE HALF IS STATED FIRST IN ALL INSTANCES.



**BILL OF MATERIAL FOR 132# RAIL GAUGE PLATES**

STOCK NO. NEW	STOCK NO. PARTLY WORN	ITEM NO.	DESCRIPTION	MARK NO.	STANDARD PLAN NO.	QUANTITIES FOR COMPLETE GAUGE PLATES
		1	GAUGE PLATE (HALF)	GP30	GTS-0515	
			GAUGE PLATE (HALF)	GP31	GTS-0515	
			GAUGE PLATE (HALF)	GP34	GTS-0515	
			GAUGE PLATE (HALF)	GP35	GTS-0515	
			GAUGE PLATE (HALF)	GP36	GTS-0515	
			GAUGE PLATE (HALF)	GP37	GTS-0515	
			GAUGE PLATE (HALF)	GP38	GTS-0515	
			GAUGE PLATE (HALF)	GP42	GTS-0515	
			GAUGE PLATE (HALF)	GP45	GTS-0515	
			GAUGE PLATE (HALF)	GP46	GTS-0515	
			GAUGE PLATE (HALF)	GP47	GTS-0515	
			GAUGE PLATE (HALF)	GP49	GTS-0515	
			GAUGE PLATE (HALF)	GP50	GTS-0515	
			GAUGE PLATE (HALF)	GP51	GTS-0515	
		2	GAUGE PLATE (HALF)	GP52	GTS-0515	
			GAUGE PLATE (HALF)	GP30	GTS-0515	
			GAUGE PLATE (HALF)	GP31	GTS-0515	
			GAUGE PLATE (HALF)	GP32	GTS-0515	
			GAUGE PLATE (HALF)	GP33	GTS-0515	
			GAUGE PLATE (HALF)	GP34	GTS-0515	
			GAUGE PLATE (HALF)	GP39	GTS-0515	
			GAUGE PLATE (HALF)	GP40	GTS-0515	
			GAUGE PLATE (HALF)	GP41	GTS-0515	
			GAUGE PLATE (HALF)	GP43	GTS-0515	
			GAUGE PLATE (HALF)	GP44	GTS-0515	
			GAUGE PLATE (HALF)	GP48	GTS-0515	
			GAUGE PLATE (HALF)	GP53	GTS-0515	
			GAUGE PLATE (HALF)	GP54	GTS-0515	
			GAUGE PLATE (HALF)	GP55	GTS-0515	
			GAUGE PLATE (HALF)	GP56	GTS-0515	
		3	ANGLE PLATE	517	GTS-0517	
		4	FIBRE ANGLE PLATE		GTS-0516B	
		5	FIBRE END POST		GTS-0516A	
		6	FIBRE BUSHING		GTS-0516C	
		7	3/4" DIA. -10 UNC SQ. HD. BOLT X 4-1/4" LG. C/W HEX. NUT		GTS-1303/1	
		8	SPRING WASHER FOR 3/4" DIA. BOLT		GTS-1301	

QUANTITIES FOR COMPLETE GAUGE PLATES

MARK NO.	STANDARD PLAN NO.	GP30	GP31	GP34	GP35	GP36	GP37	GP38	GP42	GP45	GP46	GP47	GP49	GP50	GP51	GP52	GP30	GP31	GP32	GP33	GP34	GP39	GP40	GP41	GP43	GP44	GP48	GP53	GP54	GP55	GP56	517	

**NOTES:**

- AFTER INSULATION IS ASSEMBLED, NUTS SHALL BE TIGHTENED EVENLY ON ALL BOLTS SO AS TO FULLY COMPRESS THE LOCK WASHERS.
- HOLES MUST BE IN PROPER ALIGNMENT TO PERMIT INSERTING ROUGH BOLTS WITHOUT DISTORTING FIBRE.
- DIELECTRIC REQUIREMENTS: DIELECTRIC TESTS SHALL BE MADE WITH THE INSULATION DRY. ASSEMBLED INSULATED TRACK FITTINGS SHALL WITHSTAND FOR NOT LESS THAN THREE SECONDS AN INSULATED TEST OF 1500 VOLTS A.C. WITHOUT FLASH OVER OR PUNCTURE BETWEEN ALL METALLIC PARTS AND OTHER METALLIC PARTS INSULATED THEREFROM.

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

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

Standard / **ASSEMBLY  
GAUGE PLATES  
FOR 100, 115 & 132 LB. RAILS**

Drawn GEK    Checked GWM    Approved *KEL* VP Engineering & Asset Management



**METROLINX**

Date DEC 15, 2017	Plan Number GTS-0513	Rev 1
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