



ITEM	QTY.	DESCRIPTION	PART NUMBER
1	1	DBL-18 (GATX) ASSEMBLY	DBLG-18XXXX
2	1	PNEUMATIC BOOTLIFT ALIGNER	34140

- NOTES:
- 1) ALL DIMENSIONS ARE GIVEN IN INCHES [MM].
 - 2) ALL DIMENSIONS ARE FOR REFERENCE ONLY.
 - 3) IN THE DBLG-18XXXX PART NUMBER THE FIRST X INDICATES PAINTED COMPONENTS COLOR:
S = STANDARD MARTIN ORANGE COMPONENTS
F = SANDBLASTED COMPONENTS REPAINTED WHITE EPOXY
C = SANDBLASTED COMPONENTS REPAINTED STEEL-IT GRAY
THE NEXT X INDICATES THE FUNNEL TYPE:
0 = NO FUNNEL
1 = STANDARD PAINTED FUNNEL
2 = STAINLESS FUNNEL
THE NEXT X INDICATES THE CYLINDER CONTROLS:
0 = NO CONTROLS
1 = HYDRAULIC CYLINDER CONTROLS
THE NEXT X INDICATES THE LIFT CYLINDER TYPE:
0 = NO LIFT CYLINDERS
1 = HYDRAULIC LIFT CYLINDERS
THE NEXT X INDICATES THE SPREAD CYLINDER TYPE:
0 = NO SPREAD CYLINDERS
1 = STANDARD HARDWARE SPREAD CYLINDERS
2 = STAINLESS HARDWARE SPREAD CYLINDERS
 - 4) BOOT (P/N: 17640-XX) TO BE ORDERED SEPARATELY. CUSTOMER TO SUPPLY DIMENSIONS OF OPENING PER MARTIN ENGINEERING CO. DATA SHEET.
 - 5) WITH THE BOOTLIFT ALREADY INSTALLED, PLACE THE PNEUMATIC ALIGNER ON THE SIDE OF THE BOOTLIFT THAT WILL ALLOW THE MOST ROOM FOR THE INSTALLATION. THIS SHOULD HAVE BEEN DETERMINED WHEN THE PIT OPENING WAS CONSTRUCTED.
 - 6) CONNECT THE PNEUMATIC ALIGNER TO THE BOOTLIFT BY REMOVING THE CLEVIS PIN TO SEPARATE THE ANGLE GUIDE FROM THE CYLINDER. THEN SLIP THE ANGLE GUIDE CLIPS UNDER THE FRAME ANGLE ON THE BOOTLIFT FRAME.
 - 7) LOCATE THE CYLINDER MOUNT ANGLE SO IT IS 4.88 [124] BACK FROM THE ANGLE GUIDE FACE. ATTACH THE CYLINDER ANGLE TO THE RAIL TRACK.
 - 8) PULL THE CYLINDER ROD OUT AND SECURE TO THE ANGLE GUIDE WITH THE CLEVIS PIN. MAKE AIR LINE CONNECTIONS TO THE CYLINDER PER THE MANUAL.
 - 9) THE ALIGNER ALLOWS FOR 4.00 [102] OF TRAVEL IN EITHER DIRECTION.
 - 10) REFERENCE BOOTLIFT O/O MANUAL (P/N M319B) FOR INSTALLATION DETAILS.

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 MARTIN ENGINEERING NEPONSET, IL USA		DRAWN RND DATE 04/04/16 CHECKED ENG. JAP DATE 04/06/16 APPROVED JRM DATE 04/06/16 SCALE 7/32
TITLE DBLG-18 BOOTLIFT WITH PNEUMATIC ALIGNER		SALES DRAWING S50103-18DBLG-P
NO.	DESCRIPTION	ECN DATE BY
AutoCAD	REVISION	

NO.	DESCRIPTION	ECN	DATE	BY

