TMB-681-LUT

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U.S. 4312428
CANADA 1163931

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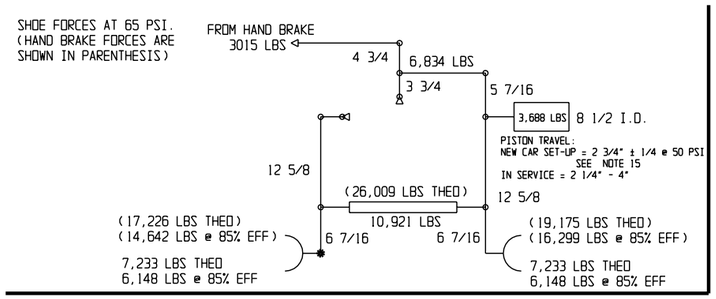

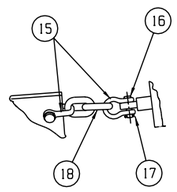

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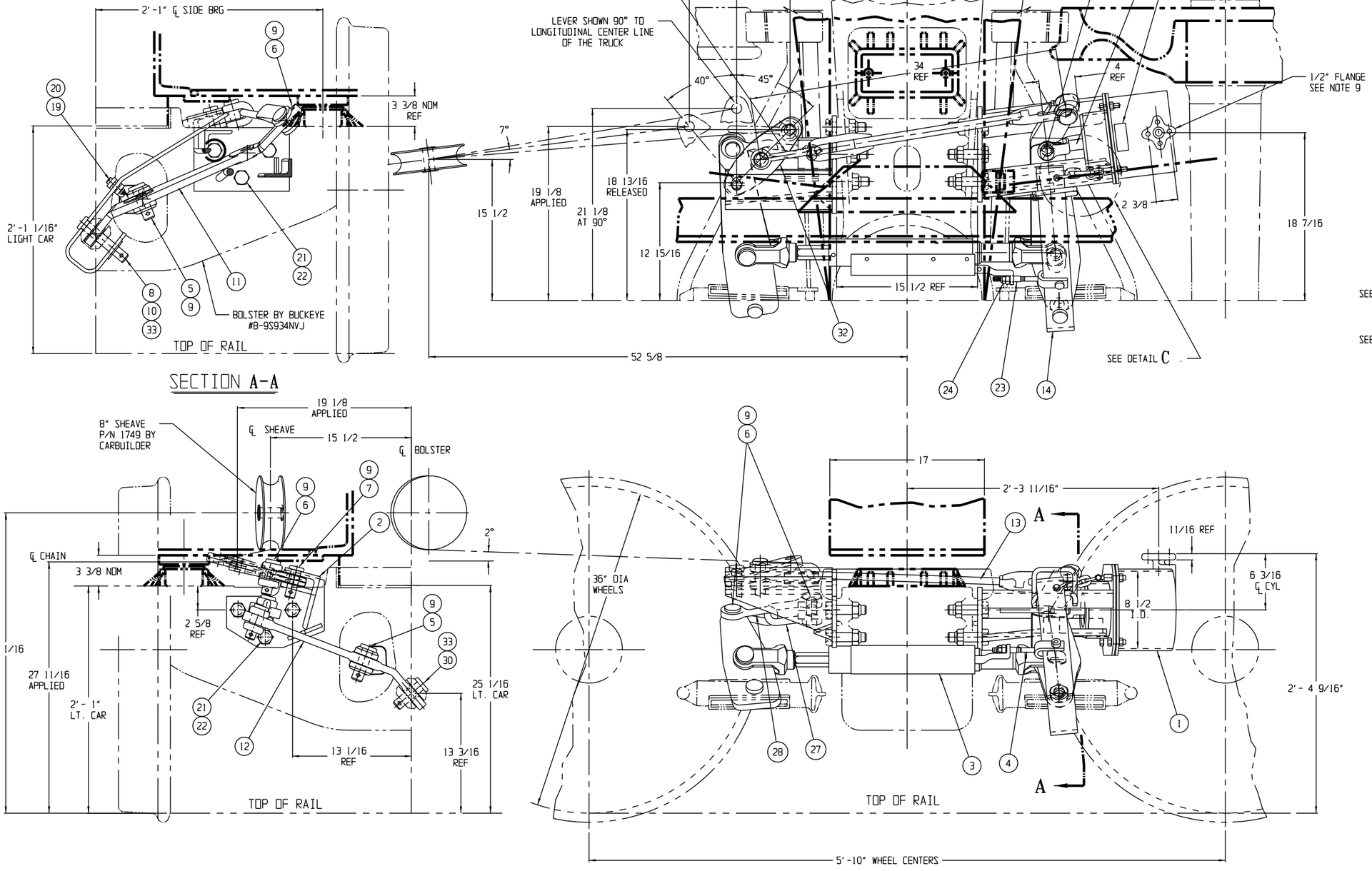

SECTION A-A

NOTES:
1. SEE PURCHASE ORDER FOR DRAWING NO. SHOWING TRUCK MOUNTED BRAKE AND LEVER LOCATIONS.
2. QUANTITIES SHOWN ARE FOR ONE TRUCK-SET OF MATERIAL.
3. THIS TRUCK MOUNTED BRAKE IS DESIGNED FOR USE WITH NO. 24 BRAKE BEAMS. WHEN USING ANY OTHER BRAKE BEAMS CONTACT ELLCON NATIONAL.
4. BADGE PLATE WILL BE SUPPLIED BY CARBUILDER.
5. THESE PARTS MAKE ASSEMBLY P/N 31550.
6. TRUCK MOUNTED BRAKE IS SHOWN IN LIGHT CAR, BRAKE RELEASED, AT HAND BRAKE TRUCK WITH LIVE LEVER NO. 9548-3924.
7. DO NOT LIFT USING ANY PART OF THE TRUCK MOUNTED BRAKE.
8. TORQUE NUTS (ITEM 22) TO 250-300 FT.LBS.
9. FOR AIR BRAKE CONNECTION THE CARBUILDER WILL USE (2) 1/2-13 UNC HEX HEAD SELF LOCKING CAP SCREWS.
10. THERE SHOULD BE SLACK ALLOWED IN HORIZONTAL CHAIN CONNECTION FOR A CAR TO NEGOTIATE A 180 FT. OR 150 FT. RADIUS CURVE PER A.A.R. SPECIFICATION.
11. THE (2) PISTON TRAVEL INDICATOR DECALS ITEM 29 (P/N 32804) HAVE TO BE APPLIED BY THE CAR BUILDER TO EACH SIDE OF THE CAR IN THE CYLINDER AREA. THE DECALS ARE SHIPPED LOOSE.
12. UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE NOMINAL.
13. 6" CLEVIS, CLEVIS PIN AND COTTER, FOR HAND BRAKE CONNECTION WILL BE SUPPLIED BY CAR BUILDER.
14. THE HAND BRAKE CONNECTION ON THE MULTIPLYING LEVER (ITEM 32) IS IDENTIFIED BY " HAND BRAKE " AND IS PAINTED WHITE.
15. SEE ELLCON NATIONAL'S INSTALLATION AND FIELD SERVICE INSTRUCTIONS FOR SET-UP PROCEDURES.

	QTY.	PART NO.	DESCRIPTION	ITEM
	2	9008-3	COTTER PIN, WEDGE FAST, 5/16 X 3	33
SEE NOTE 14---	A/R	32361-1	MULTIPLYING LEVER (8 1/2 X 3 3/4)	32
	1	32315	CLEVIS	31
	1	30538-1	CLEVIS PIN, 1 11/32 X 3 TO ℄ HOLE	30
SEE NOTE 11---	2	32804	P.T INDICATOR DECAL	29
	1	31411	CLEVIS (90 R.H. TWIST)	28
	1	8819	CLEVIS	27
	1	9280	PUSH ROD (PART OF ITEM 1)	26
	1	30252	NAMEPLATE (PART OF ITEM 1)	25
	1	4493-35	NUT (ESNA), 1/2-13 (PART OF ITEM 3)	24
	1	33158	CONTROL ARM NUT 1/2-13 (PART OF ITEM 3)	23
	6	4493-31	NUT (ESNA), 1-8	22
	6	3442-137	BOLT, 1-8 UNC X 3 3/4 LG. (GR5)	21
	1	5340-4	SHOULDER BOLT, 3/8-16	20
	1	4493-8	NUT (ESNA), 3/8-16	19
SEE NOTE 5	1	31439	CHAIN	18
	2	31438-3	COTTER PIN	17
	2	31438-2	PIN — ASS'Y P/N 31438	16
	2	31438-1	SHACKLE	15
	1	31157	ACTUATOR LEVER	14
	1	34582	PULL ROD	13
SEE NOTE 1	A/R	9578-1124	DEAD LEVER	12
	A/R	9548-3924	LIVE LEVER (HAND BRAKE TRUCK)	11
	1	3958-35	WASHER, PLAIN, 1 3/8	10
	8	9008-2	COTTER PIN, WEDGE FAST, 5/16 X 2 1/2	9
	1	30538-2	CLEVIS PIN, 1 11/32 X 5 3/8 TO ℄ HOLE	8
	2	30166-2	CLEVIS PIN, 1 3/32 X 2 1/2 TO ℄ HOLE	7
	4	30166-1	CLEVIS PIN, 1 3/32 X 3 TO ℄ HOLE	6
	2	30167-1	CLEVIS PIN,1 7/32 X 3 TO ℄ HOLE	5
	1	31139	CONTROL ARM (PART OF ITEM 3)	4
	1	7100-26	SLACK ADJUSTER (DOUBLE ACTING)	3
	1	34595-1	DEAD LEVER BRACKET	2
	1	34600-1	BOLSTER SADDLE AND CYLINDER ASS'Y.	1

BILL OF MATERIAL

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MATERIAL:
WEIGHT:265 LBS PER TMB
WITH HANDBRAKE LEVER
(LESS BRAKE BEAMS, SHOES,
KEYS AND CYLINDER HOSE)

100 TON ASSEMBLY
MODEL 8500
TRUCK MOUNTED BRAKE
2"=1'-0" 5/03/01
PS P.SOPT
TMB-681-LUT