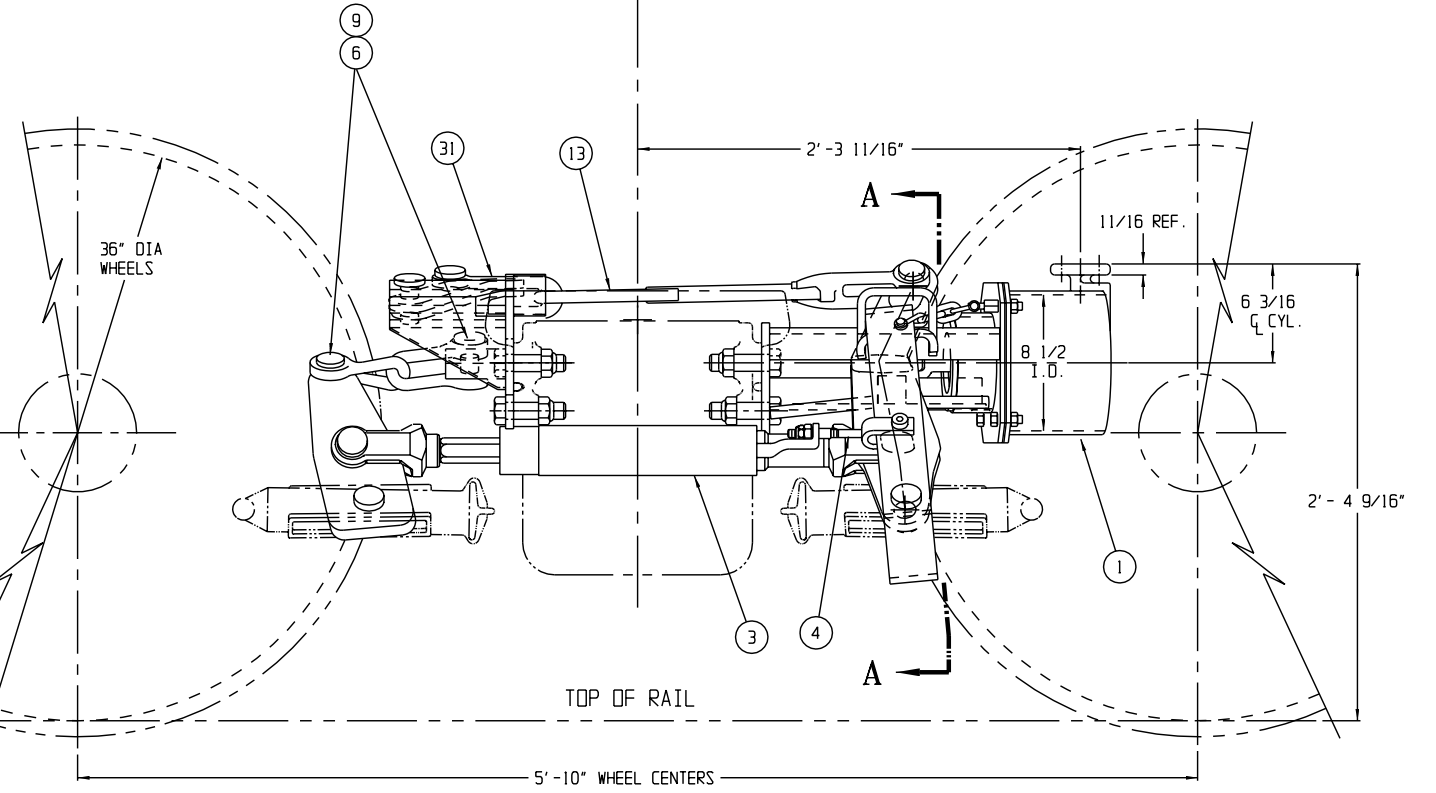
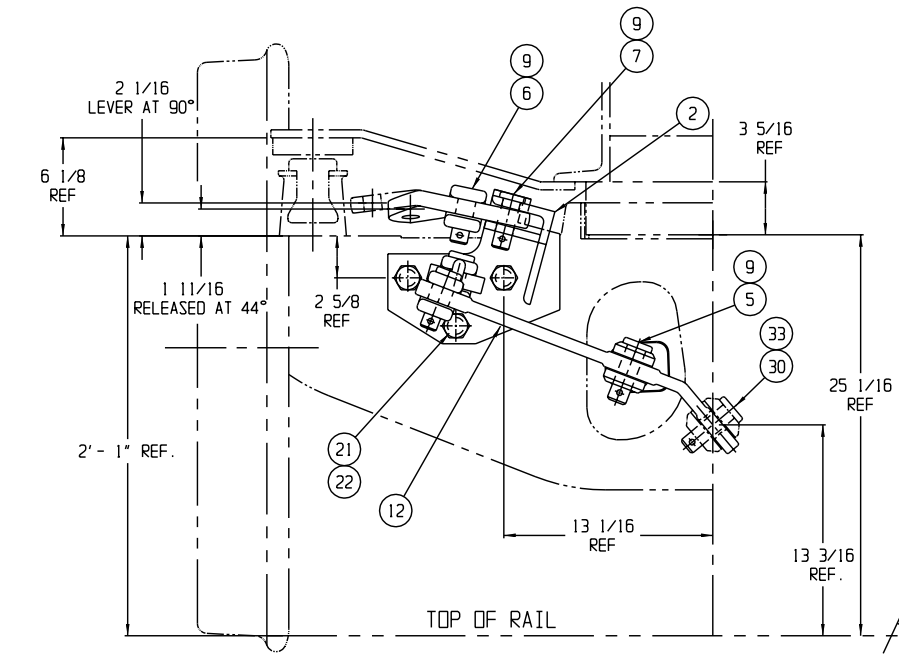
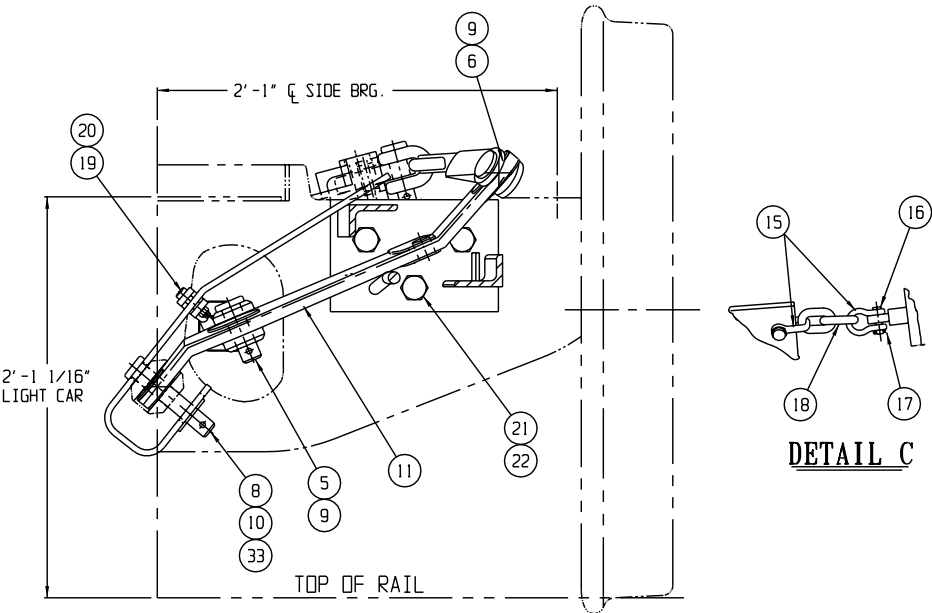
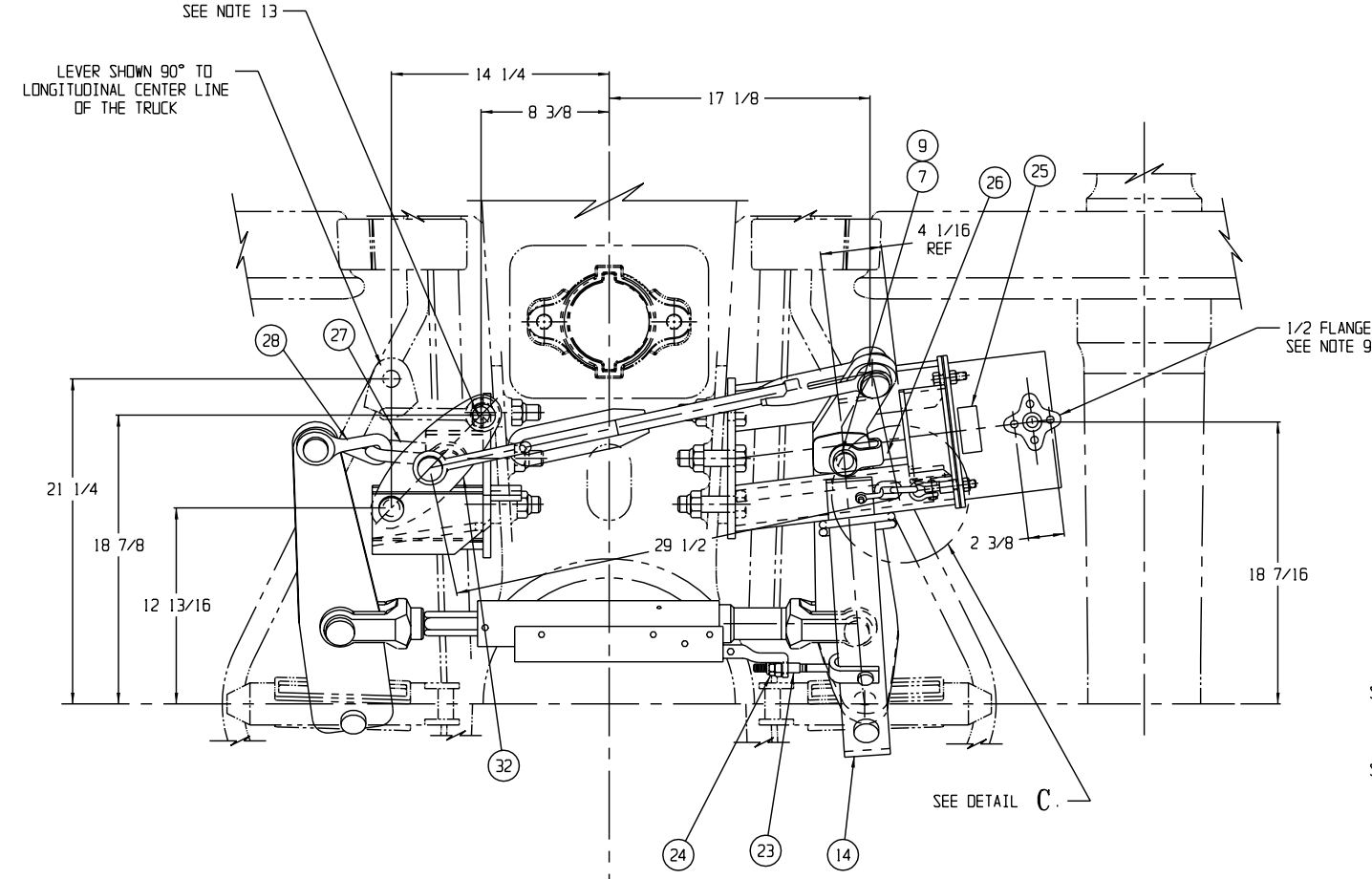
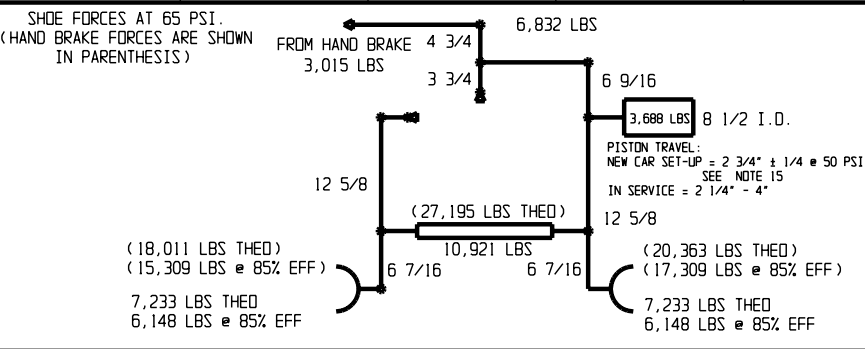


COVERED BY PATENTS  
U.S. 4312428  
CANADA 1163931

REVISIONS			
LTR	DATE	DESCRIPTION	BY
		ISSUED PER EDR 96-340	
A	4/18/97	DIM: 2 1/16 WAS 2 9/16. 1 11/16 WAS 2 3/8 P/N 32361-20 WAS 32361-22. PER EDR # 298.	PS
B	11-25-97	P/N 33158 WAS 3443-33. 34025 WAS 33716. PER EDR # 791	RES
C	3-3-99	ADDED: NOTE 15, & IT. 33. IT. 9 WAS QTY 10. CHANGED AIR BRAKE FORCES WERE BASED ON 50 PSI. PER EDR #1903	PS



- NOTES:
- SEE PURCHASE ORDER FOR DRAWING NO. SHOWING TRUCK MOUNTED BRAKE AND LEVER LOCATIONS.
  - QUANTITIES SHOWN ARE FOR ONE TRUCK-SET OF MATERIAL.
  - THIS TRUCK MOUNTED BRAKE IS DESIGNED FOR USE WITH NO. 24 BRAKE BEAMS. WHEN USING ANY OTHER BRAKE BEAMS CONTACT ELLCON NATIONAL.
  - BADGE PLATE WILL BE SUPPLIED BY CARBUILDER.
  - THESE PARTS TO BE SHIPPED AS AN ASSEMBLY P/N 31550.
  - TRUCK MOUNTED BRAKE IS SHOWN IN LIGHT CAR, BRAKE RELEASED, AT HAND BRAKE TRUCK WITH LIVE LEVER NO. 9548-1624.
  - DO NOT LIFT USING ANY PART OF THE TRUCK MOUNTED BRAKE.
  - TORQUE NUTS (ITEM 22) TO 250-300 FT. LBS.
  - FOR AIR BRAKE CONNECTION THE CARBUILDER WILL USE (2) 1/2-13 UNC SELF LOCKING BOLTS.
  - THERE SHOULD BE SLACK ALLOWED IN HORIZONTAL CHAIN CONNECTION FOR A CAR TO NEGOTIATE A 180 FT. OR 150 FT. RADIUS CURVE FOR A.A.R. SPECIFICATION.
  - 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.
  - UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE NOMINAL.
  - 6\"/>

	2	9008-3	COTTER PIN, WEDGE FAST, 5/16 X 3	33
SEE NOTE 14---	A/R	32361-20	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 $\phi$ 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
	1	31439	CHAIN	18
SEE NOTE 5	2	31438-3	COTTER PIN	17
	2	31438-2	PIN	16
	2	31438-1	SHACKLE	15
	1	31157	ACTUATOR LEVER	14
	1	33715-1	PULL ROD	13
SEE NOTE 1	A/R	9578-1124	DEAD LEVER	12
	A/R	9548-1624	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 $\phi$ HOLE	8
	2	30166-2	CLEVIS PIN, 1 3/32 X 2 1/2 TO $\phi$ HOLE	7
	4	30166-1	CLEVIS PIN, 1 3/32 X 3 TO $\phi$ HOLE	6
	2	30167-1	CLEVIS PIN, 1 7/32 X 3 TO $\phi$ HOLE	5
	1	31139	CONTROL ARM (PART OF ITEM 3)	4
	1	7100-26	SLACK ADJUSTER (DOUBLE ACTING)	3
	1	34025	DEAD LEVER BRACKET	2
	1	30995-1	BOLSTER SADDLE AND CYLINDER ASS'Y.	1

QTY.	PART NO.	DESCRIPTION	ITEM
BILL OF MATERIAL			
100 TON APPLICATION MODEL 8500 TRUCK MOUNTED BRAKE			
MATERIAL:	WEIGHT: 257 LBS PER TMB WITH HANDBRAKE LEVER (LESS BRAKE BEAMS, SHOES, KEYS AND CYLINDER HOSE)	SCALE 2"=1'-0"	DATE 7-1-96
DRAWN PRM	CHECKED PS	TMB-681-LC	REV.

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