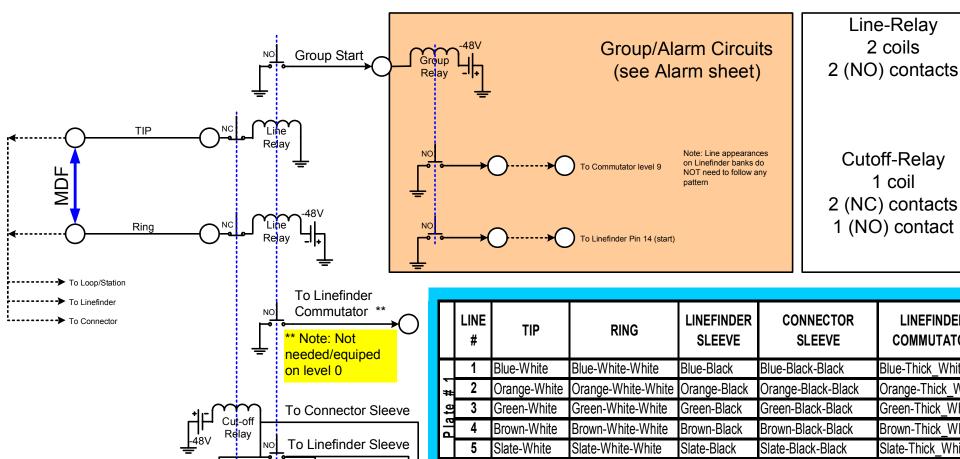
Line Cut-Off Relays- Group/Start Circuit



To Connector

To Linefinder

LINEFINDER **COMMUTATOR** Blue-Thick White Orange-Thick White Green-Thick White Brown-Thick White Slate-Thick White Blue-Red Blue-Red-Red Blue-Yellow Blue-Yellow-Yellow Blue-Thick Red Orange-Red Orange-Red-Red Orange-Thick Red Orange-Yellow Orange-Yellow-Yellow Green-Yellow Green-Red Green-Red-Red Green-Yellow-Yellow Green-Thick Red Brown-Red Brown-Red-Red Brown-Yellow Brown-Yellow-Yellow Brown-Thick Red Slate-Red Slate-Yellow Slate-Yellow-Yellow Slate-Red-Red N/A Group

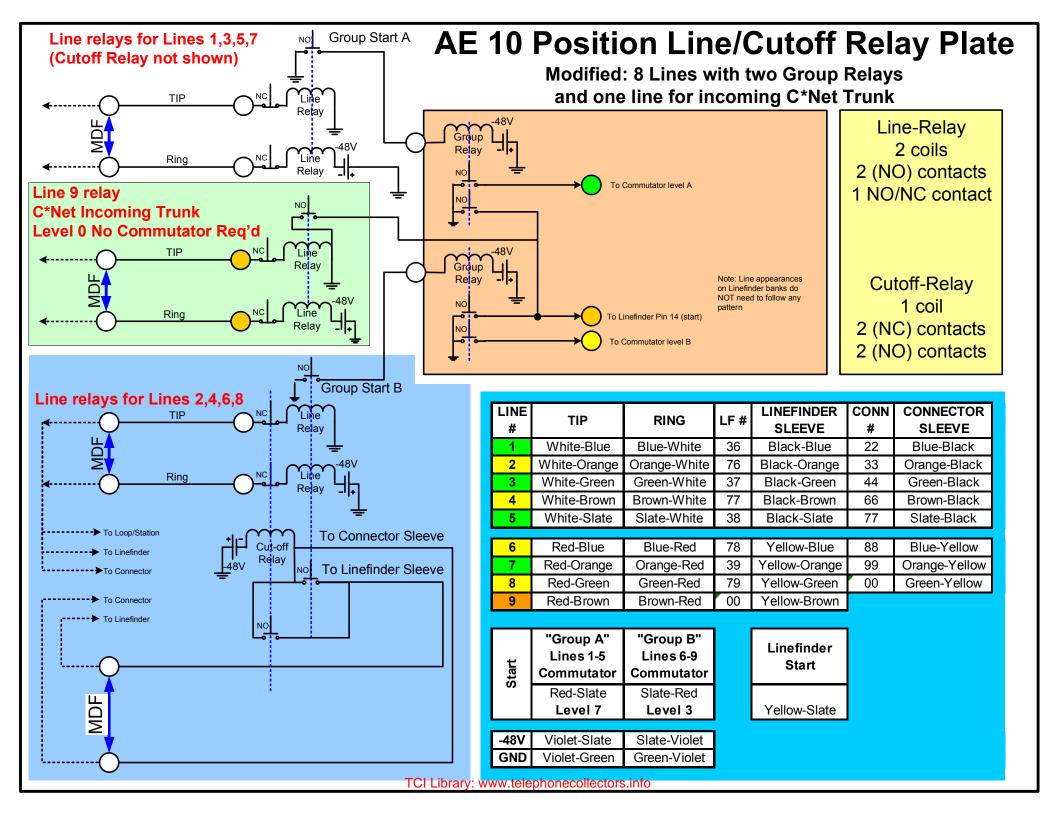
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Slate-Thick Red

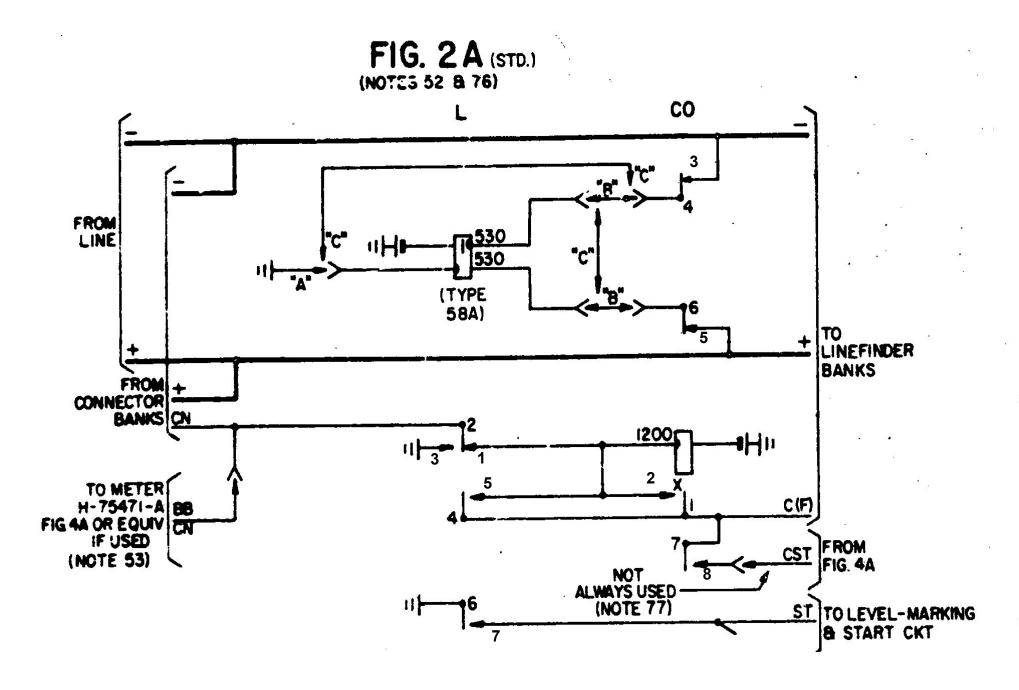
Start

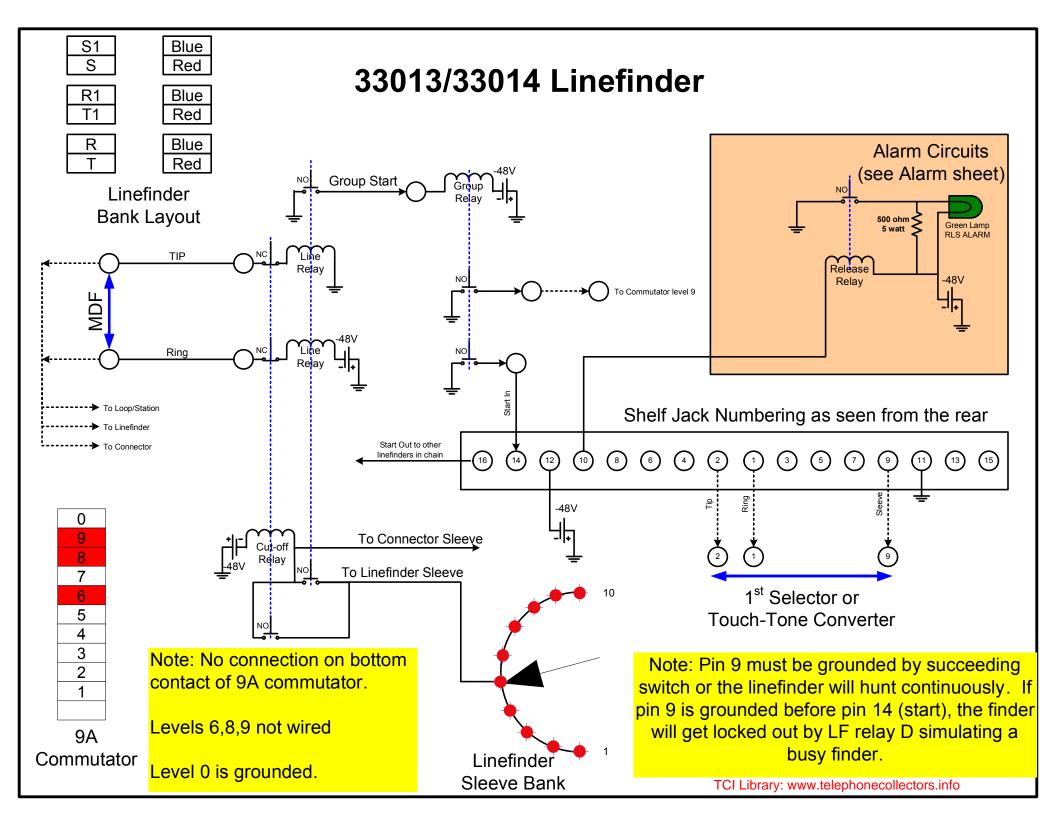
LINE# TIP		RING	LINEFINDER CONNEC		OR FIG. 1
LINE#			SLEEVE	SLEEVE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	White-Blue	Blue-White	Black-Blue	Blue-Blac	8
2	White-Orange	Orange-White	Black-Orange	Orange-Bla	
3	White-Green	Green-White	Black-Green	Green-Blac	ck
4	White-Brown	Brown-White	Black-Brown	Brown-Blac	ck
5	White-Slate	Slate-White	Black-Slate	Slate-Blac	k
6	Red-Blue	Blue-Red	Yellow-Blue	Blue-Yello	w
7	Red-Orange	Orange-Red	Yellow-Orange	Orange-Yell	ow
8	Red-Green	Green-Red	Yellow-Green	Green-Yello	Ring
9	Red-Brown	Brown-Red	Yellow-Brown	Brown-Yello	DW W
10	Red-Slate	Slate-Red	Yellow-Slate	Slate-Yello	w F
Start	"Group A" Lines 1-5 Commutator Violet-Blue	"Group B" Lines 6-10 Commutator Blue-Violet			Tip
GND -48V	Violet-Green Violet-Slate Connection Sleev 1		-48VDC 5 B 6 B		T-1600 P-700 7TF
Ring	1 2 3 T	4 5 T 6 T	7 8 T		Connector Sleeve

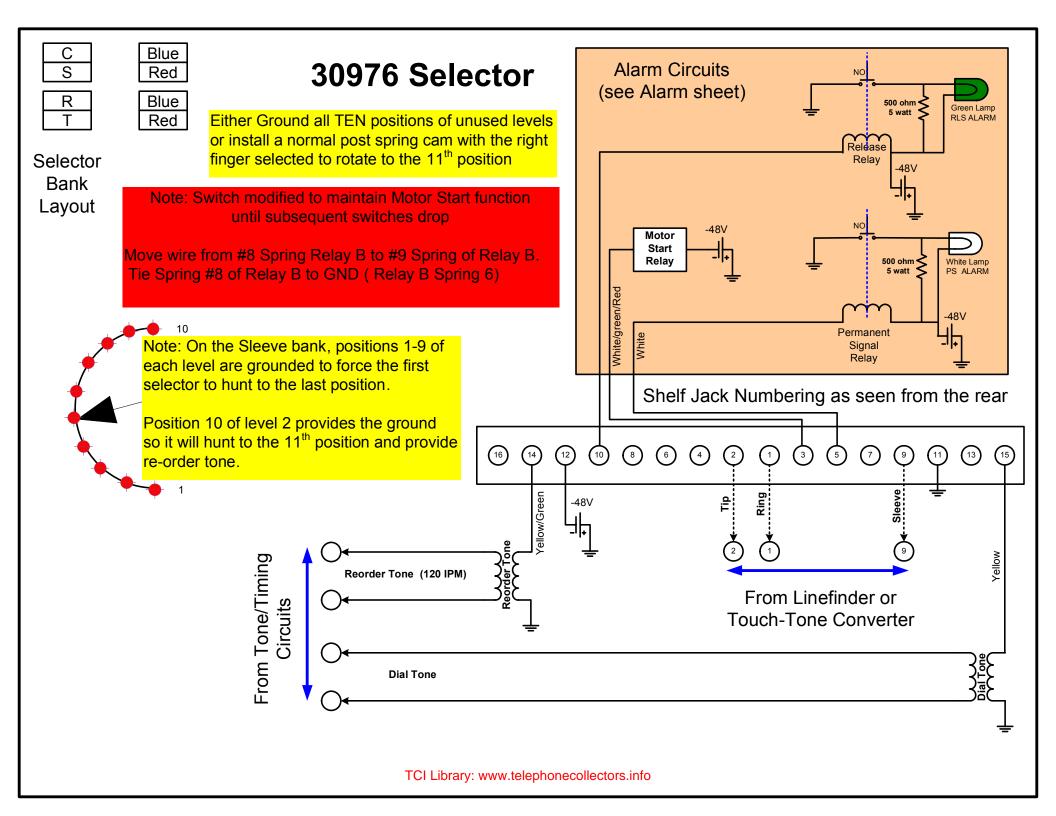
U676 Line/Cutoff Relay



Automatic Electric H-85075 Line/Cutoff Circuit







32183 Digit Absorbing Selector

S

Blue Red

R

Bank

Blue Red

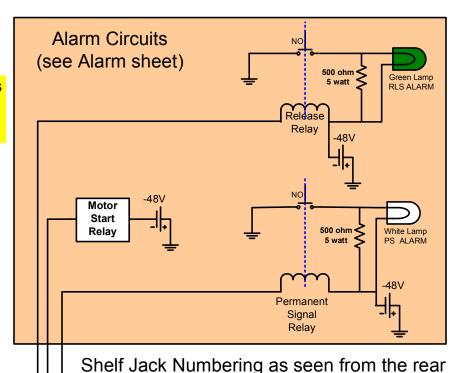
Either Ground all TEN positions of unused levels or install a normal post spring cam with the right finger selected to rotate to the 11th position

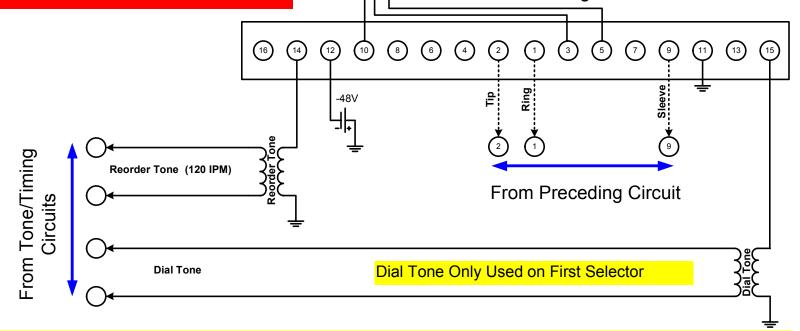
Selector Layout

	BAT		\setminus		Ring	\setminus	P/S	SLV	
Reorder Tone	REL		X	Tip	PEG	\bigwedge		GND	Dial Tone
16	12	8	\bigvee	4	1	\bigvee	5	9	13
14	10	6	$/ \setminus$	2	3	$/ \setminus$	7	11	15

Note: Switch modified to maintain Motor Start function until subsequent switches drop

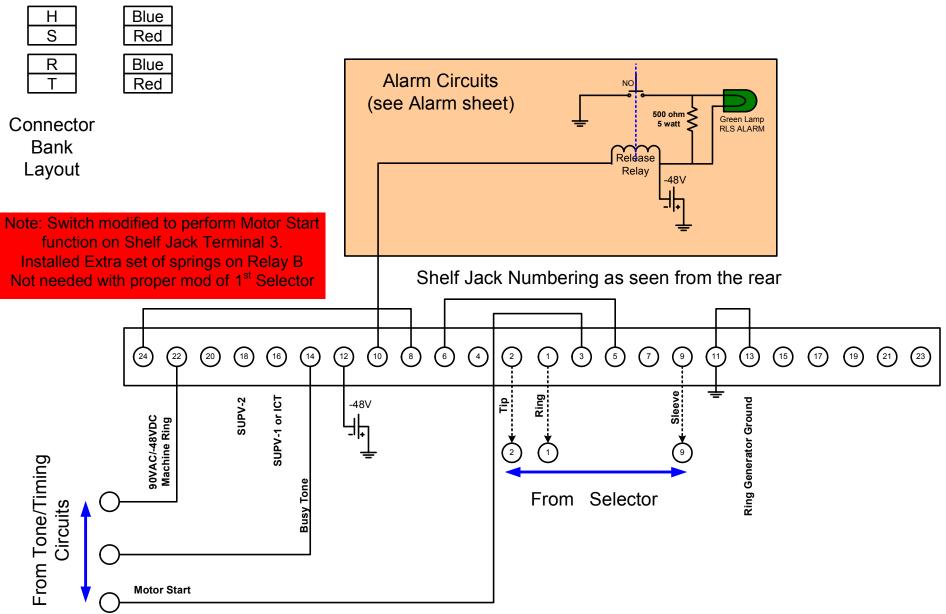
Move wire from #8 Spring Relay B to #9 Spring of Relay B. Tie Spring #8 of Relay B to GND (Relay B Spring 6)



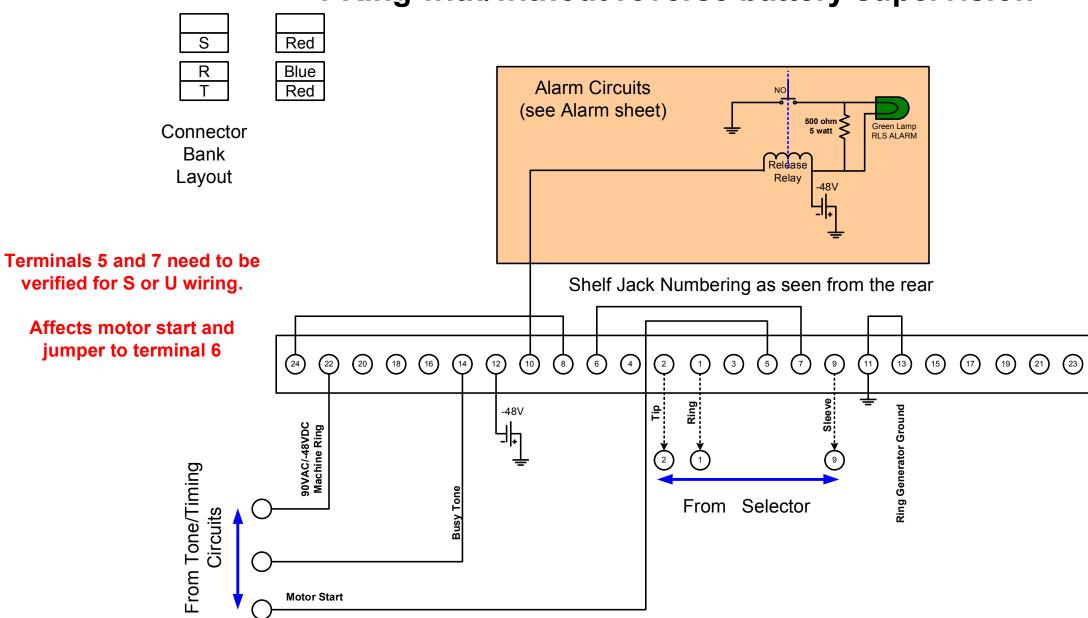


Add a Jumper on each Switch between B8 and A4 so that the Motor Start lead stays active when the succeeding switch picks up

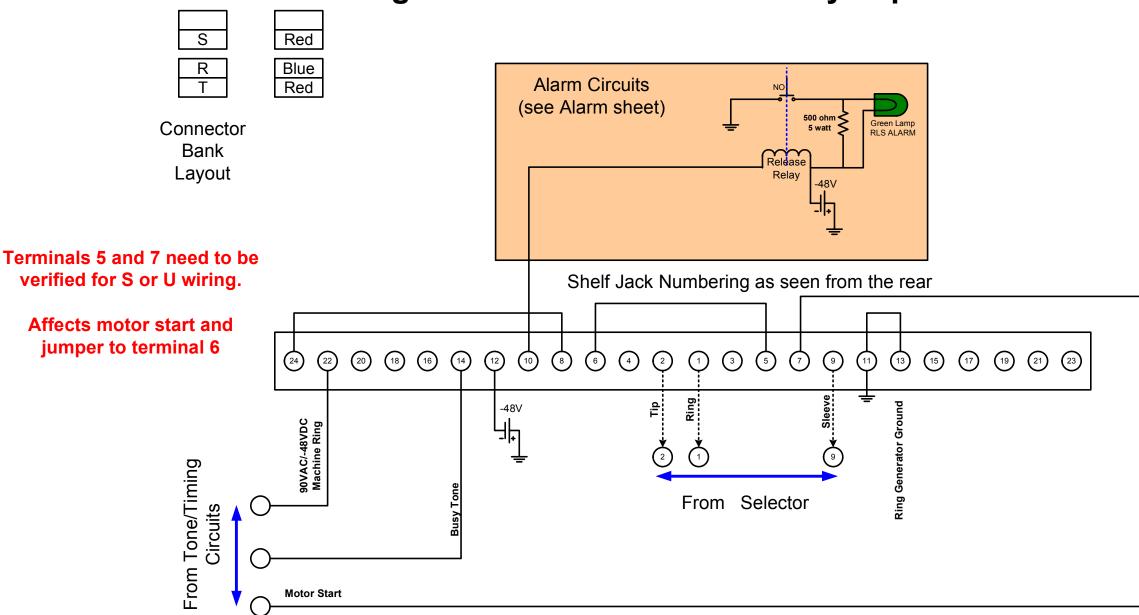
30215 Local Rotary Hunting Connector Selective or 1 Ring Semi-selective Ringing

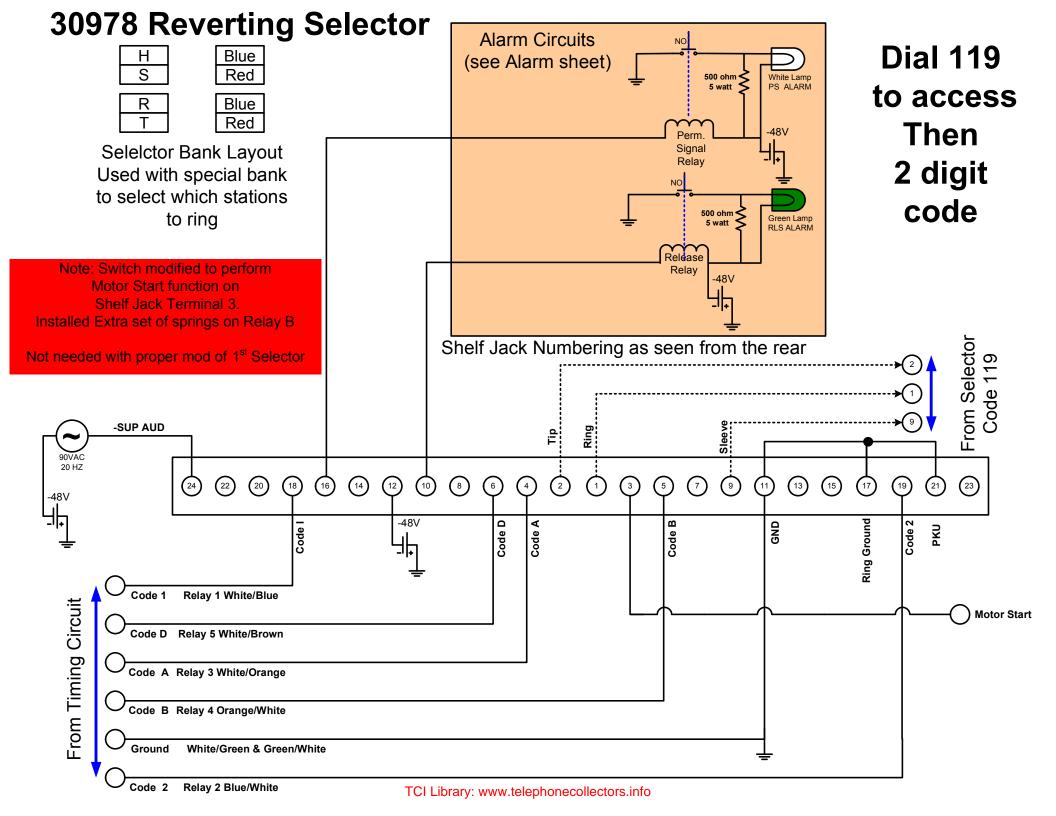


31739 Combination Connector 1 Ring with/without reverse battery supervision

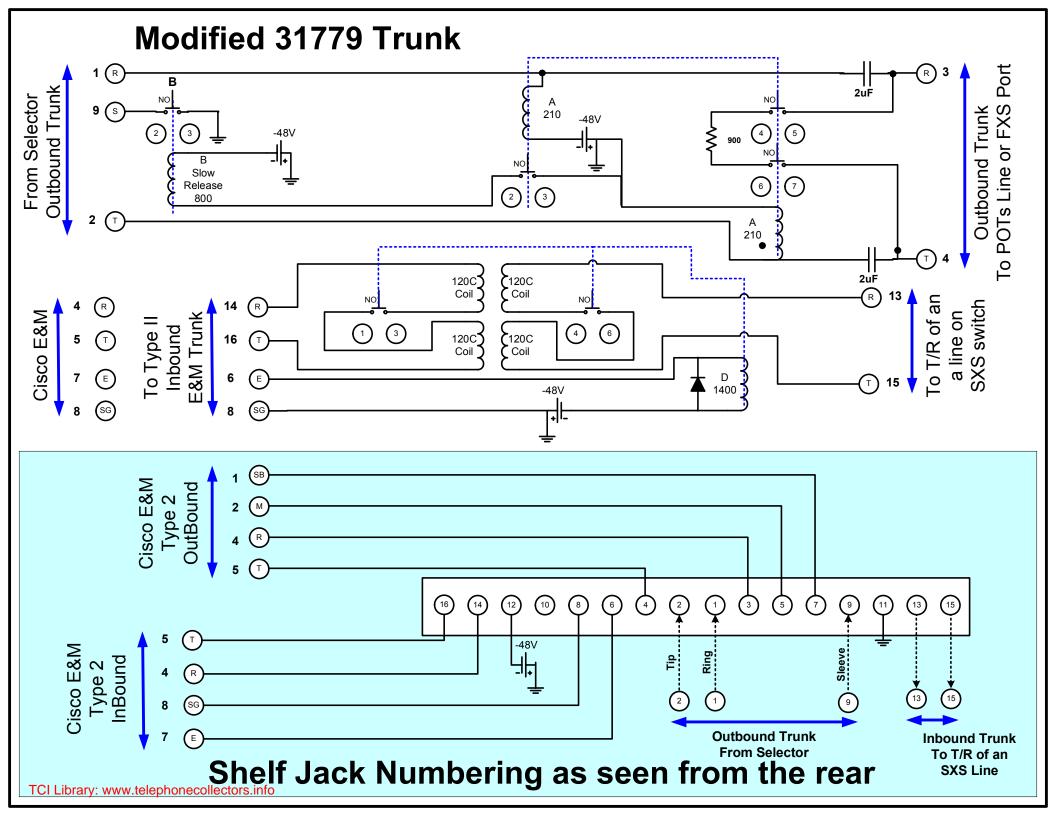


31739 Combination Connector 1 Ring with/without reverse battery supervision

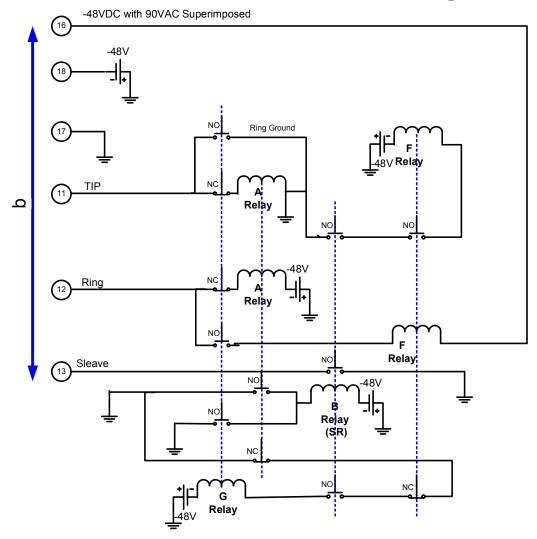


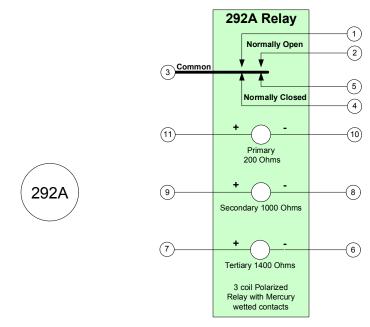


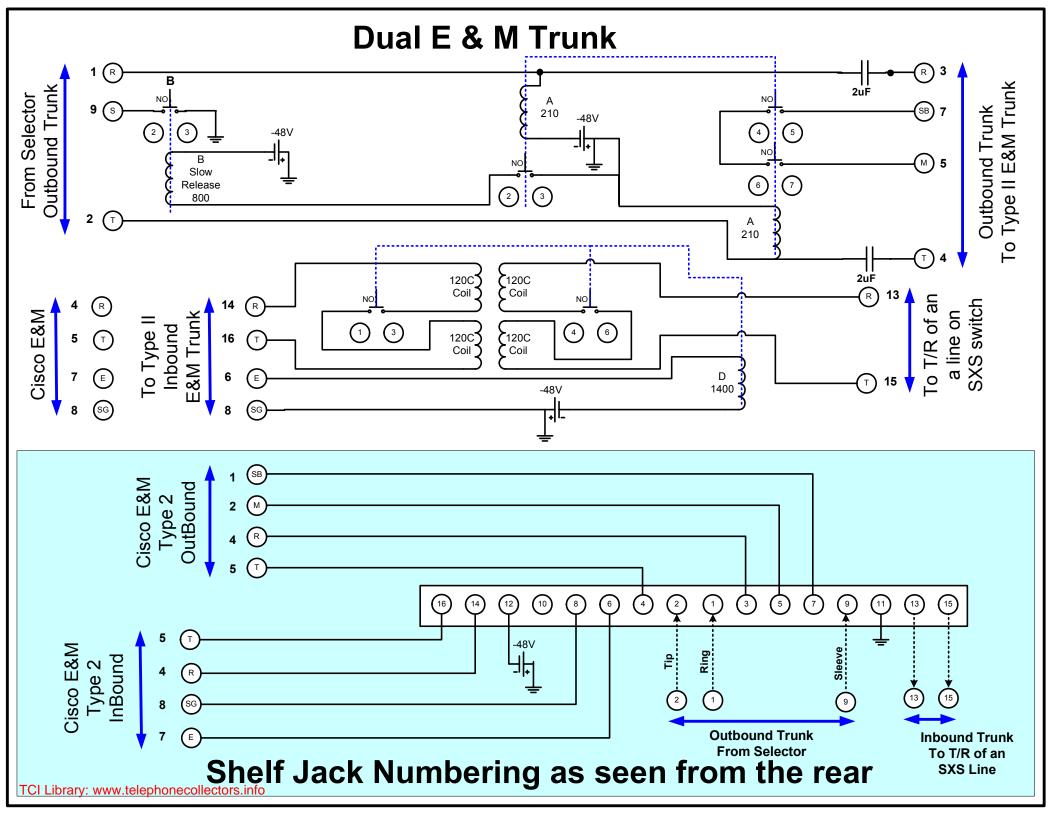
30978					Re	peat u	ıntil A	nswer	ed Gr	ound	on MS	pow	ers Tir	ning C	ircuit.	PKU	is Gro	ounde	d Perr	naner	itly				
Time	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	0.9	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Code 1																									
Code 2																									
Code A				1																			<u> </u>		
Code B							J																		
Code D																									
	St	ation ′	1	1 Lor	ng on	Ring			11	33	Code	1			22	44	Code	2			T	Gnd	Ringir	ng on T	īn
	Sta	ation 2	2	2 Sho	ort on	Ring			12	21	Code	В			23	32	Code	D / Co			Т	N/C	Ringir	ng on F	
		ation 3			ng on ' ort on				13 14		Code Code				24 34		Code Code		le A		R S	N/C	Not us	sed ig Cade	nce
	31	ation -		2 3110	11 011	ΠΡ			17	71	Code					73	Code				J	Conti		ig Cau	51100
			Cadence	Ring	Not Used	Always Ground			Cadence	Ring Pol	Not Used	Always Ground			Cadence	Ring Pol	Not Used	Always Ground			Cadence	Ring	Not Used	Always Ground	
		#	S	Т	R	Н		#	S	Т	R	Н		#	S	Т	R	Н		#	S	Т	R	Н	
		41	D	Α		GND		42	2	Α		GND		43	В	GND		GND		44	2	GND		GND	
		31	1	Α		GND		32	D	Α		GND		33	1	GND		GND		34	В	GND		GND	
		21	В	\geq		GND		22	2	\times		GND		23	D	А		GND		24	2	Α		GND	
		11	1	\bowtie		GND		12	В	$>\!\!<$		GND		13	1	А		GND		14	D	А		GND	
	Top Bank		Bottom Ba			Bank																			
				H					R																
	-			S					Т																

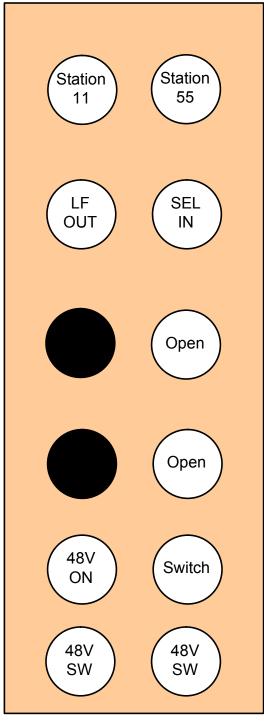


From Rick Walsh's diagram









Not Connected Anymore

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2x4 10' 2x4 Oak 4' 2'x4' Plywood cut down to (2) 18"x24" (2) Oak 10" x 72" Oak 1" x 2" x 48"

