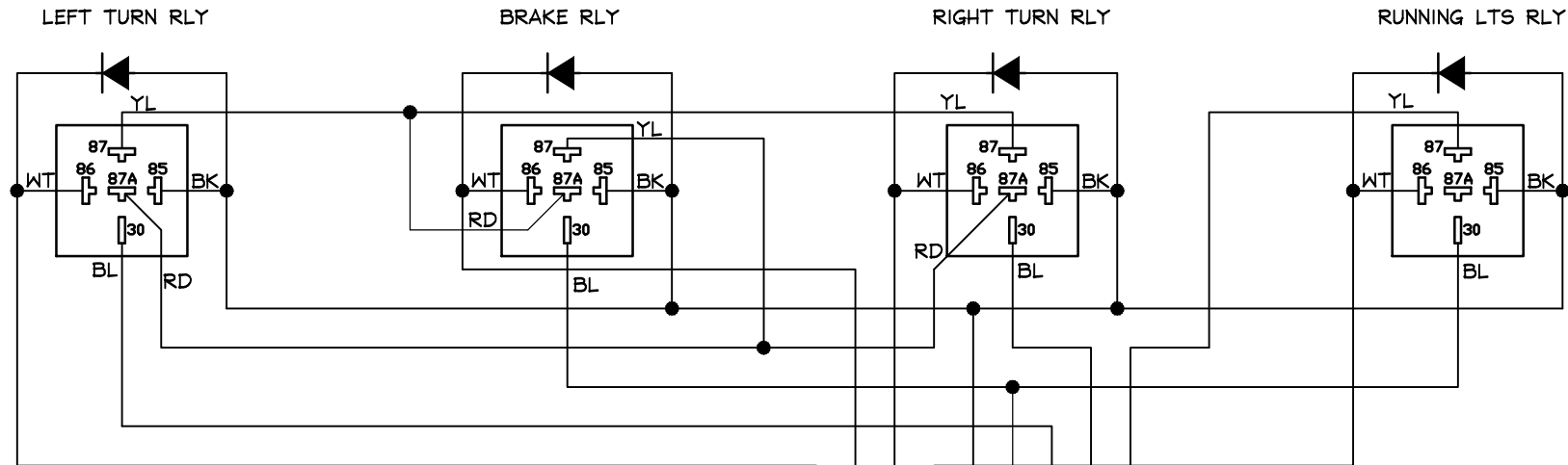
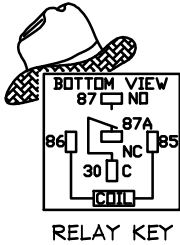


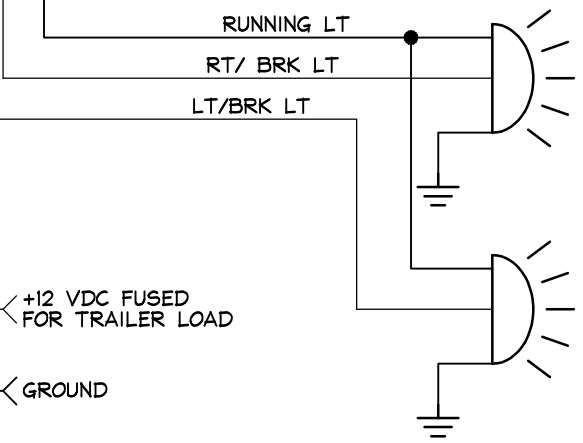
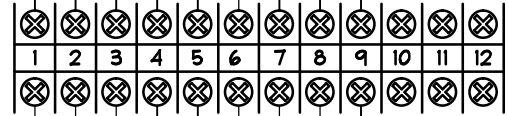
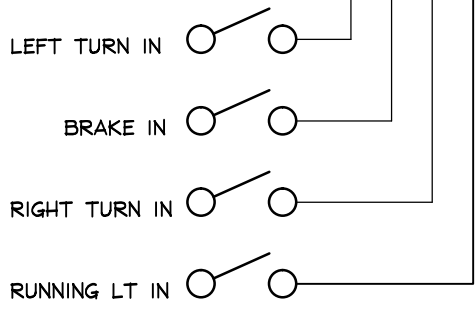
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TERMINAL STRIP	
1 LEFT TURN IN	7 LT / BRK
2 BRK LT IN	8 RT / BRK
3 RIGHT TURN IN	9 RUNNING LTS
4 RUN LT IN	10
5 GROUND	11
6 +12VDC	12



THIS CIRCUIT WILL CONVERT MODERN 3 WIRE BRAKE AND TURN LAMP WIRING TO THE STANDARD 2 WIRE FOR USE WITH MOST TRAILERS. ALL TRAILER SIGNALS / LIGHTS ARE POWERED EXTERNAL OF THE VEHICLE SO AS NOT TO OVERLOAD THE TOW VEHICLE CIRCUITS. THE ONLY POWER USED FROM THE TOW VEHICLE IS TO ACTUATE THE RELAYS. WHEN THE BRAKE LIGHTS ARE ON, THE TURN SIGNAL ON THE TRAILER WILL ALTERNATE WITH THE TOW VEHICLE. WHEN THE BRAKE LIGHTS ARE OFF, THE SIGNALS WILL BE IN SYNC. COLORS LISTED ARE FOR MY SOCKETS.



Add running lights relay to the circuit so they are also powered from this separate fused source.	SCALE:N/A	PROJECT:SAFARI	TITLE:3 x 2 TRAILER LIGHT CONV + RL
	DRAWN:JIM EXLER	LOC:NAMPA, ID	DRG:3X2 LT CONV+RL
	DATE:5/6/13	JOB NO:N/A	AutoElectric1.dwg
			REVISION 0