

		12V Gnd (-)	12v Pos (+)	6v Gnd (-)	6v Pos (+)	12v Relay 1 (85)	12v Relay 2 (85)	12v Motor Input 1	12v Motor Input 2	6v Motor Output 1	6v Motor Output 2
12v Relay 1	86	X									
	87 NO		X								
	87a NC	X									
	30							X			
12v Relay 2	86	X									
	87 NO		X								
	87a NC	X									
	30								X		
5v Relay 1	DC+				X						
	DC-			X							
	IN									X	
	NO						X				
	COM		X								
	NC										
5v Relay 2	DC+				X						
	DC-			X							
	IN										X
	NO					X					
	COM		X								
	NC										

If the wheels turn in the opposite direction, just swap the 12v motor input 1 and 2