

Terminal and Relay Wiring Diagrams

AC24 Motor, DMOC445 Controller, Porsche 914

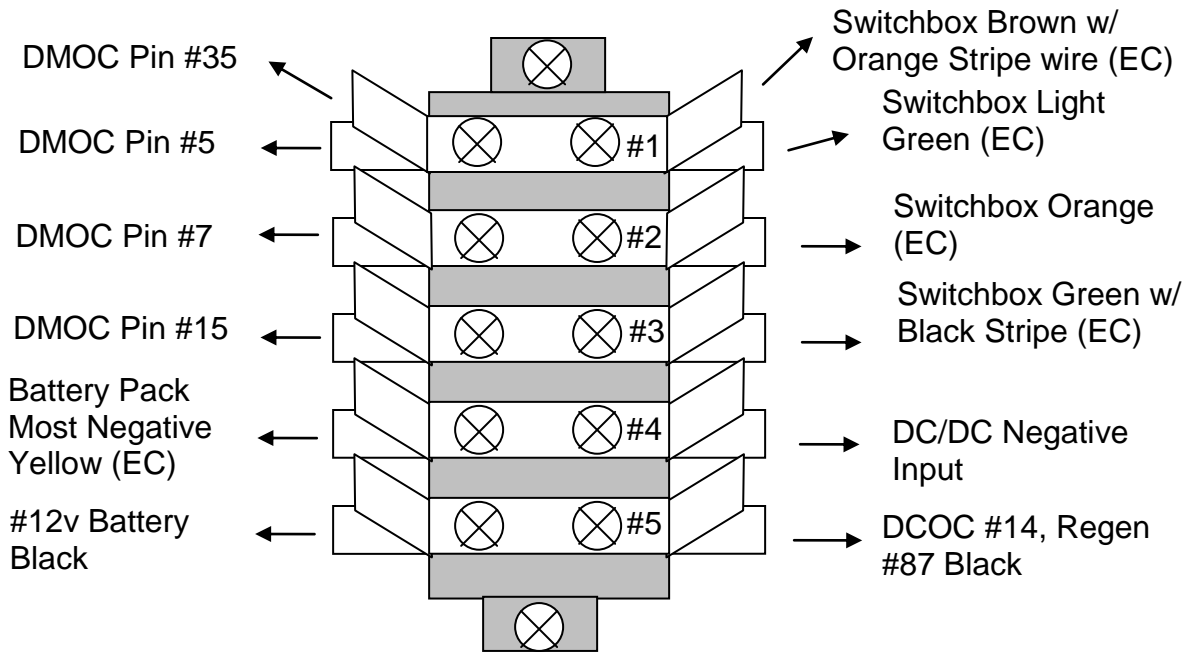
This document describes the wiring to the various terminal blocks and relays for a Porsche 914 being converted to use an AC24 or AC24LS or AC55 motor with the DMOC445 controller from Azure Dynamics (www.azuredynamics.com).

The layout assumes 3 battery packs – front, center and rear. The motor is just under the rear pack. The controller, aux battery, DC/DC converter, charger are all in the rear trunk.

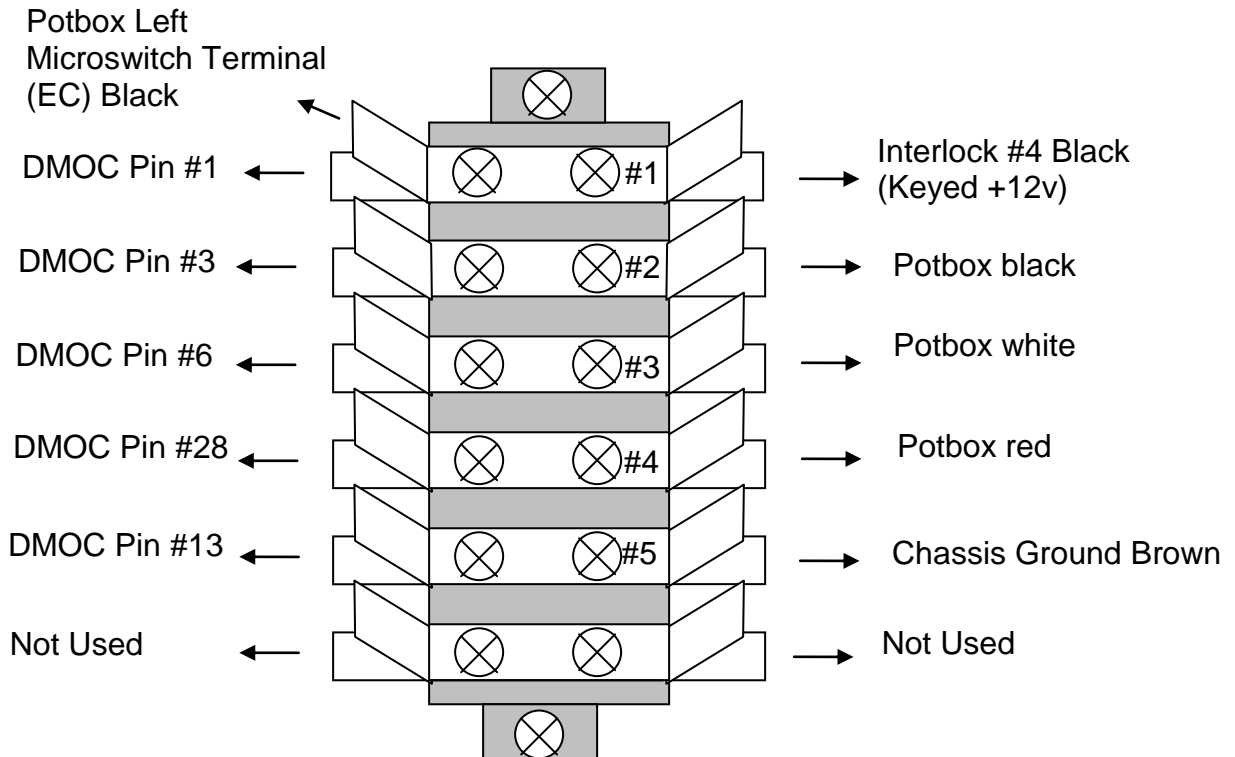
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Feel free to email me – peter at cruzware dot com.

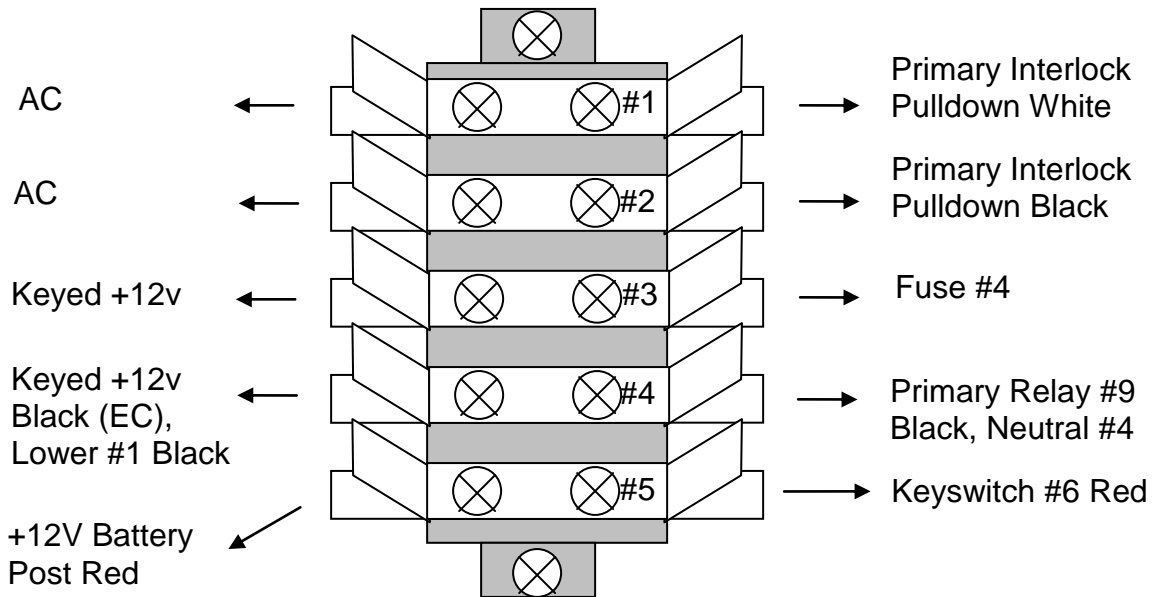
Upper Interface Terminal Block



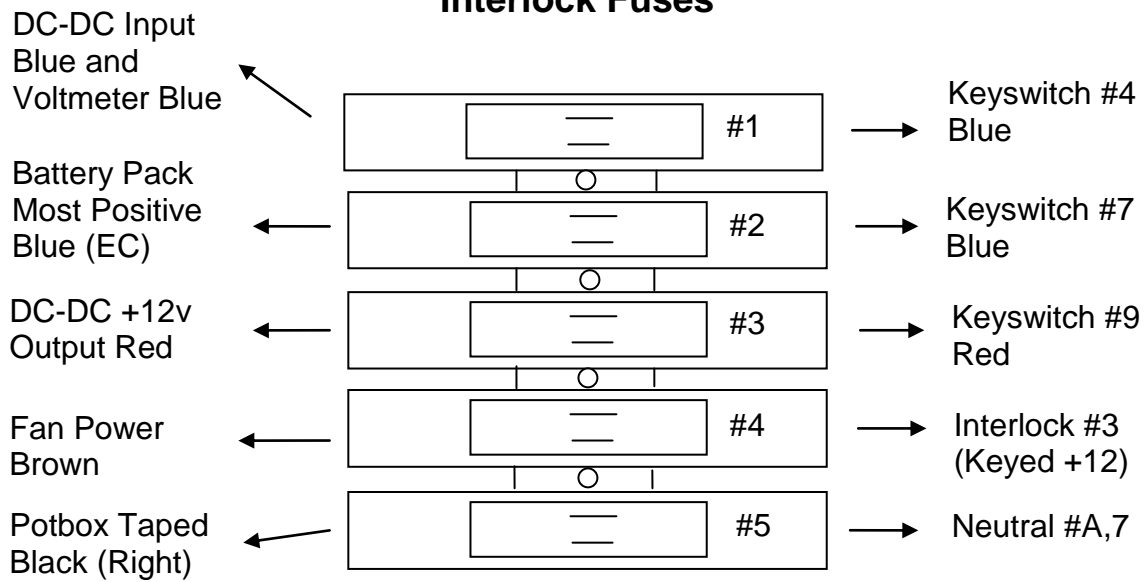
Lower Interface Terminal Block



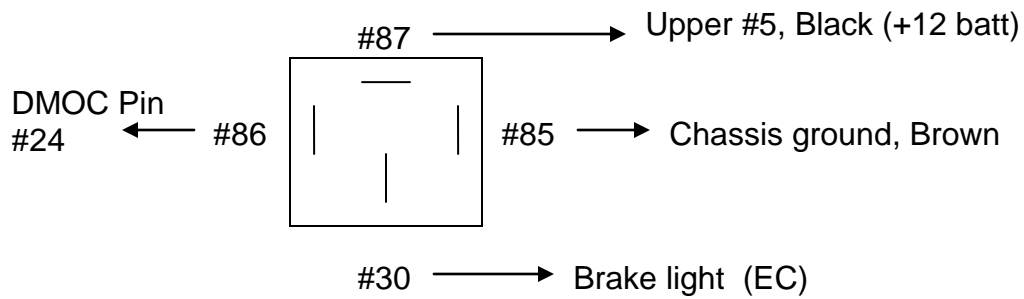
Interlock Terminal Block



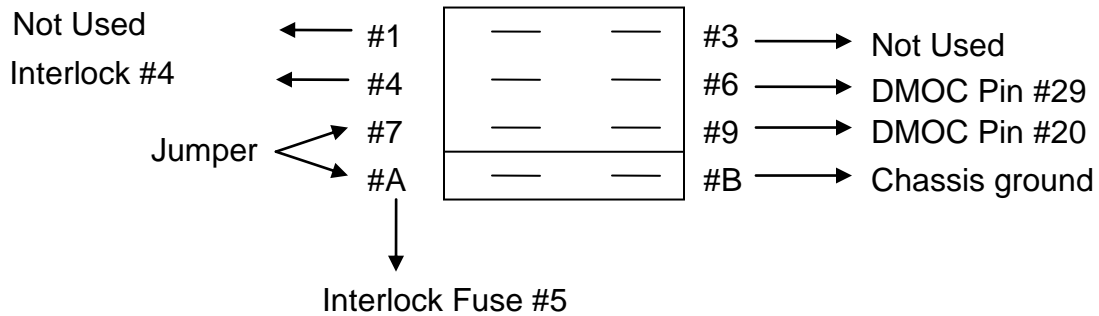
Interlock Fuses



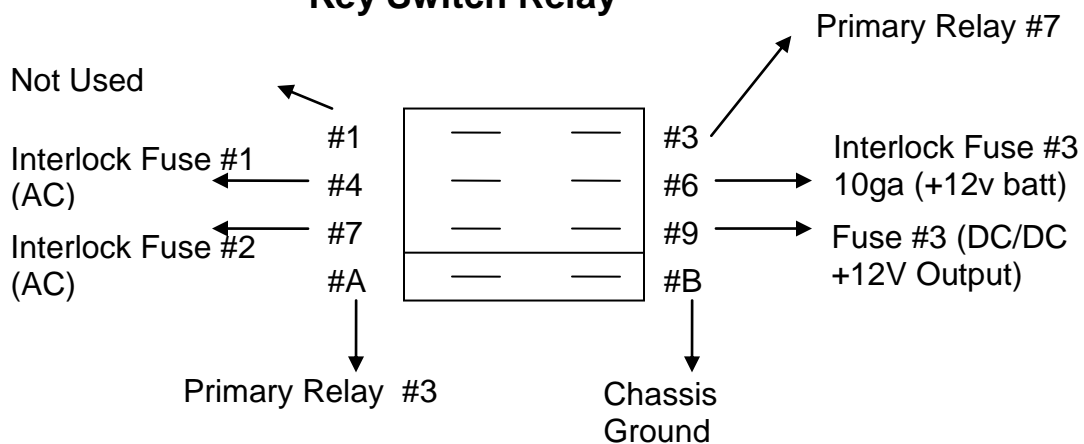
Regen Relay

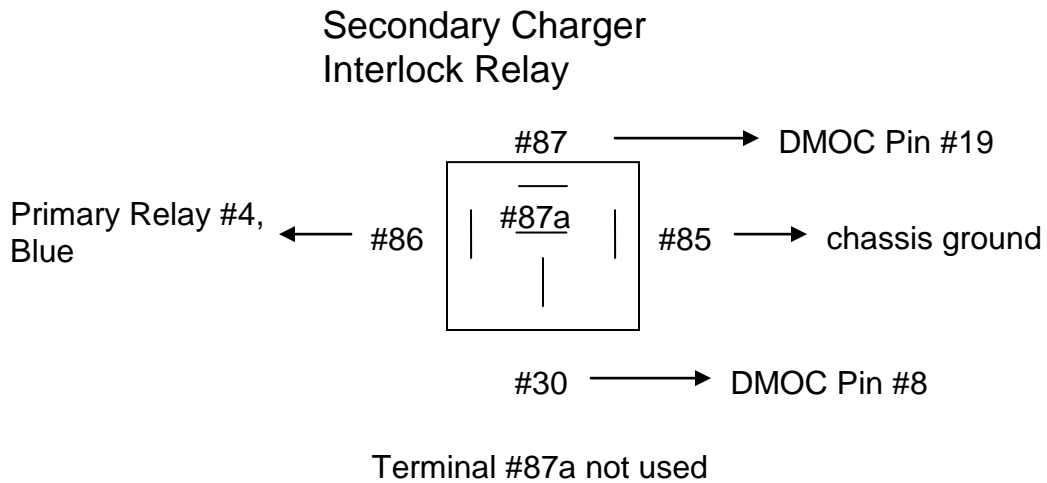
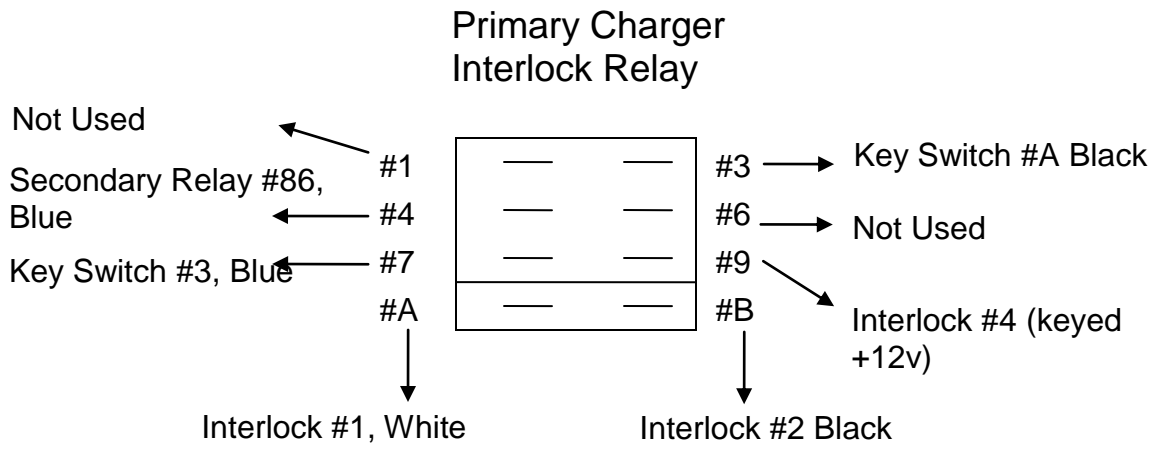


Neutral Start Relay

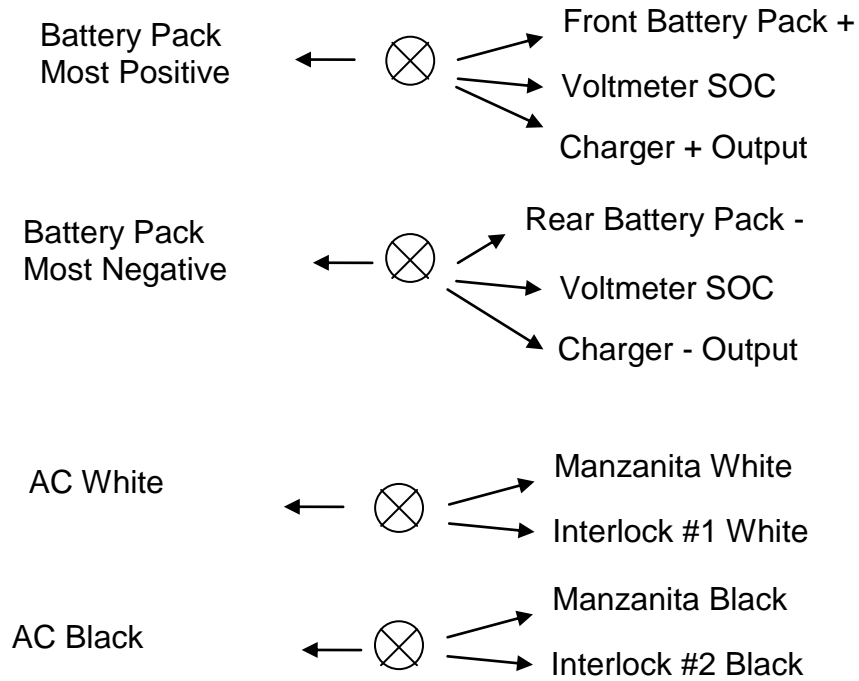


Key Switch Relay

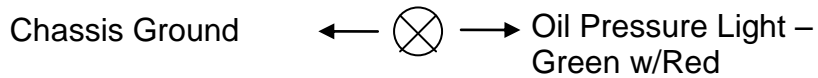




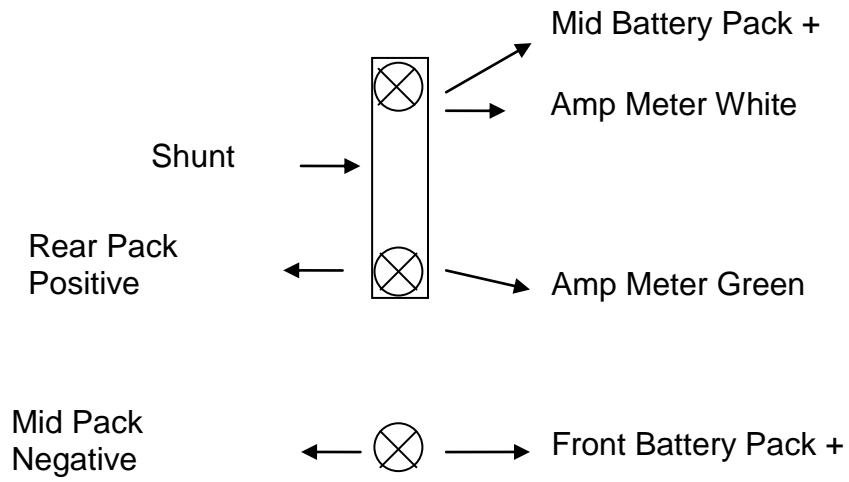
Other Rear Compartment Connections



Engine Compartment Connections



Mid Compartment Connections



DMOC Harness Pinout

Pin #	Wire Color	Function
1	Black w/ brown stripe	Keyed 12V source
3	Black	Pedal pot signal
5	Light Green	Power mode ground
6	White	Pedal pot low
7	Orange	Regen disable
8	Yellow	Charger interlock
13	Brown w/ black stripe	Keyed 12V ground
14	Blue	Brake light source
15	Green w/ black stripe	Power mode signal
19	Black w/ yellow stripe	Charger interlock ground
20	Brown	Neutral start ground
24	Brown w/ blue stripe	Brake light ground
28	Red	Pedal pot high
29	Green w/ brown stripe	Neutral start signal
35	Brown w/ orange stripe	Regen disable ground

8-Wire Harness

Pin #	Wire Color	Function
1	Yellow	Battery Pack Most +
3	Black	Switched +12v
5	Brown	Fan Power
6	White	Not Used
7	Green	Battery Pack Most -
8	Light Green	DMOC Ground
13	Brown w/ Orange	Switchbox
14	Orange	Switchbox
15	Green w/ Black	Switchbox