




RAV4 EV CHARGER TEST BED CABLE PARTS






Orders from Mouser.com, manufactured by Molex

HIGH VOLTAGE CABLES

Description	Manuf #	Mouser #		Qty	Cost
Molex 3 Pin Header/Wire Housing	42816-0312	538-42816-0312		1	\$2.50
Molex 4 Pin Header/Wire Housing	42816-0412	538-42816-0412		1	\$2.50
Molex 3 Pin Header/Wire Housing	42818-0312	538-42818-0312		1	\$2.00
Molex 4 Pin Header/Wire Housing	42818-0412	538-42818-0412		1	\$2.00
Molex 8GA Male Terminals	42817-0132	538-42817-0132-LP		2	\$3.00
Molex 8GA Female Terminals	42815-0134	538-42815-0134		2	\$3.00

(I ordered different plating because this is what was in stock, I advise order a few extra terminals because you will probably need to redo some) 8 gauge wire because I had that wire size laying around. You can order 10 gauge terminals as well)

DATA CABLE

Molex 12 Pin Female Connector (18-22 AWG)	19418-0038	538-19418-0038		1	\$12.00
Molex 12 Pin Male Connector (18-22 AWG)	19435-1214	538-19435-1214		1	\$9.00
Molex Male Terminals (18-22 AWG)	19417-0048	538-19417-0048		12	\$3.00
Molex Female Terminals (18-22 AWG)	19420-0010	538-19420-0010		12	\$3.00
(I advise ordering a few extra terminals because you will probably need to redo some)					
On Amazon, Fermeray 20 AWG wire box (6 reels,10 ft ea)		0695510396035		1	\$15.50
				TOTAL	\$47.50