

category	Rae San	Moto Gadget m unit B	Axel Joost Ver T	Axel Joost B	NWT x21	nwt morty	Rae-San Comment
internally fused		10					3 externally fused group or individual
dynamic fuses / current limit							<b>30A fets, simple approach</b>
multiple circuits	3 - 2x12A, 1 x		5A/3A	5A/3A			<b>3 total groups</b>
Blue tooth wankery							none of that here
open source / arduino							<b>arduino nano - code on site</b>
no inputs	10	12	5				
no outputs	10	12	8				
prog output polarity							all systems drive power out
prog input polarity							<b>able to select high or low active all inputs</b>
prog state / toggle on onputs							<b>can set to state or latching (harley buttons)</b>
brake flash							programmable no of flashes
timed indicators							selectable on / off and number of seconds
interlock starter							gate input to enable starter - eg N or clutch sw
Grip Control option							<b>Heated Grip output - control from Start button</b>
lights off starting							selectable disable headlights when starter
low beam + high beam selection							<b>can select to drive low beam on with high beam</b>
brake off with indicator / unified							<b>can turn brake off when indicate on if integrated taillight</b>
REQUIRES NEW CONTROLS						Xnet	uses existing controls
USES EXISTING CONTROLS							<b>uses existing controls</b>
screw terminals							easy termination - no breaking wires
LED output indicators							output indicators leds
LED input indicators							none
Alarm system /lock							none
Headlight modulation flasher							<b>Selectable low beam headlight modulatioid and rate</b>
acceleration controlled brake light							none
diagnostics							use the LEDS and fuses -
<b>Inputs</b>							
horn							
starter							
left ind							
right ind							
kill							
power on							<b>no need for master relay - uses zero power when off can be used as immobiliser input</b>
lights							taillight
high beam							
brake							
spare/ gate / Aux1							<b>gate input used for starter</b>
aux 2							none
stand							<b>use gate</b>
neutral							<b>use gate</b>
oil P							none
<b>outputs</b>							
high beam							up to 12A
low beam							up to 12A - modulatable
horn							up to 12A
brake							flash , steady 12A
tail							12A
starter							to solenoid - 12A - kill switch and gate interlockable
l ind							up to 12A - timed
right ind							up to 12A timed
IGNITION POWER							up to 12A - kill switch deactivated
SPARE / GRIP /Aux1							output for grips or of gate / spare (GRIPS are PWM) with programmable steps
Aux 2							none
current model							
pricing	\$150	\$550	\$250	\$350	\$250		