**Launch Box Parts List**

1x - Ximico Mega 2560 R3 for Arduino - $14.19 – Good generic Arduino Mega: $27 cheaper than the Mega with 70% 5 star reviews

<http://www.amazon.com/gp/product/B00KG3SBE8/ref=pd_lpo_sbs_dp_ss_1?pf_rd_p=1944687462&pf_rd_s=lpo-top-stripe-1&pf_rd_t=201&pf_rd_i=B006H0DWZW&pf_rd_m=ATVPDKIKX0DER&pf_rd_r=0JZFPP7R5X8AJN4VDBKS>

7x - G8JN Auto Relays – ONLY NEED TO PURCHASE 3 MORE - $3.72 ea

<http://www.mouser.com/ProductDetail/Omron-Electronics/G8JN-1C7T-R-DC12/?qs=B3tblJ0Nlt%252bV6VnSJLQ0jg%3D%3D>

2x – 12V Car Battery – reuse from last year

1x – 9V Battery

13x – 1N4007 Diode - $0.71 per 10 pack

<http://www.digikey.com/product-detail/en/1N4007-TP/1N4007-TPMSCT-ND/773694>

2x - FQP30N06L N-Channel MOSFET - $0.95 ea

<https://www.sparkfun.com/products/10213>

13x – 100 Ohm Resistors - Yageo CFR-25JB-52-100R - $0.61 per 10 pack

<http://www.digikey.com/product-detail/en/CFR-25JB-52-100R/100QBK-ND/246>

13x – 10K Ohm Resistors -Stackpole Electronics Inc. CF14JT10K0 - $0.53 per 10 pack

<http://www.digikey.com/product-detail/en/CF14JT10K0/CF14JT10K0CT-ND/1830374>

4x - Dual N-Ch MOSFETs (30V 3A) - STMicroelectronics STS2DNF30L - $0.81 ea

<http://www.digikey.com/product-detail/en/STS2DNF30L/497-12799-1-ND/2873862>

1x - Duralast Ignition Coil - $19.99 ea **(No longer needed)**

<http://www.autozone.com/ignition-tune-up-and-routine-maintenance/ignition-coil/duralast-ignition-coil/112078_0_0/>

2x - P-Channel MOSFETs (60V 27A) - Fairchild FQP27P06 - $0.95

<https://www.sparkfun.com/products/10349>