

## FDL-3 SEMI TAIL BOM

Item	Quantity	Link
<b>Hardware</b>		
6-32 x 3/8" Machine Screw	28	<a href="https://www.mcmaster.com/91249A146">https://www.mcmaster.com/91249A146</a>
6-32 x 1/2" Machine Screw	11	<a href="https://www.mcmaster.com/91249A148">https://www.mcmaster.com/91249A148</a>
6-32 x 3/4" Machine Screw	1	<a href="https://www.mcmaster.com/91249A155">https://www.mcmaster.com/91249A155</a>
6-32 x 1" Machine Screw	1	<a href="https://www.mcmaster.com/91249A159">https://www.mcmaster.com/91249A159</a>
6-32 x 1-1/4" Machine Screw	2	<a href="https://www.mcmaster.com/91249A161">https://www.mcmaster.com/91249A161</a>
6-32 Nut	2	<a href="https://www.mcmaster.com/91841A007">https://www.mcmaster.com/91841A007</a>
4-40 x 1-3/4" Hex Screw	1	<a href="https://www.mcmaster.com/#92196A034">https://www.mcmaster.com/#92196A034</a>
4-40 Nylon Lock Head Nut	1	<a href="https://www.mcmaster.com/#91831A005">https://www.mcmaster.com/#91831A005</a>
Spring (Papermate InkJoy)	1	<a href="https://www.amazon.com/gp/product/B01EB6E3EC">https://www.amazon.com/gp/product/B01EB6E3EC</a>
Thumb Screw	2	<a href="https://www.mcmaster.com/91185A261">https://www.mcmaster.com/91185A261</a>
Trigger Spring	1	<a href="https://www.mcmaster.com/1986K618">https://www.mcmaster.com/1986K618</a>
Dowel Pin	2	<a href="https://www.mcmaster.com/98381A477">https://www.mcmaster.com/98381A477</a>
<b>Trigger PCB</b>		
PCB TRG	1	<a href="https://projectfdl.myshopify.com/products/fdl-3-pcbs">https://projectfdl.myshopify.com/products/fdl-3-pcbs</a>
6" Servo Extension F-F	1	<a href="https://www.pololu.com/product/779">https://www.pololu.com/product/779</a>
10k Potentiometer Main	1	<a href="https://www.digikey.com/products/en?keywords=PTV09">https://www.digikey.com/products/en?keywords=PTV09</a>
10k Potentiometer Limiter	1	<a href="https://www.digikey.com/products/en?keywords=3386F-">https://www.digikey.com/products/en?keywords=3386F-</a>
Header Female Right Angle 12 pin	1	<a href="https://www.digikey.com/product-detail/en/sullins-connect">https://www.digikey.com/product-detail/en/sullins-connect</a>
Arduino Pro Mini 5v 16mhz	1	<a href="https://www.sparkfun.com/products/11113">https://www.sparkfun.com/products/11113</a>
Header Male 2 Pin	1	<a href="https://www.pololu.com/product/965">https://www.pololu.com/product/965</a>
Header Male 12 Pin	1	<a href="https://www.pololu.com/product/965">https://www.pololu.com/product/965</a>
<b>PWR Switch</b>		
Power Switch 10A	1	<a href="https://www.digikey.com/products/en?keywords=RD111">https://www.digikey.com/products/en?keywords=RD111</a>
Precrimped Wire Black 12" F-F	2	<a href="https://www.pololu.com/product/1850">https://www.pololu.com/product/1850</a>
Crimp Connector Housing 2 Pin	2	<a href="https://www.pololu.com/product/1901">https://www.pololu.com/product/1901</a>
1/8" Heat Shrink Black	1" x 2	(link unavailable - purchased locally)
<b>Volt Meter</b>		
Volt Meter .28"	1	<a href="https://www.amazon.com/gp/product/B0761MG9NS">https://www.amazon.com/gp/product/B0761MG9NS</a>
JST Extension 18" F-F	1	<a href="https://www.servocity.com/18-0-male-to-male-jst-extensi">https://www.servocity.com/18-0-male-to-male-jst-extensi</a>
<b>Trigger Switch</b>		
Trigger Switch	1	<a href="https://www.digikey.com/products/en?keywords=Z3631-">https://www.digikey.com/products/en?keywords=Z3631-</a>
Crimp Connector Housing 2 Pin	1	<a href="https://www.pololu.com/product/1901">https://www.pololu.com/product/1901</a>
Precrimped Wire Orange 12" F-F	2	<a href="https://www.pololu.com/product/1843">https://www.pololu.com/product/1843</a>
1/8" Heat Shrink Black	1" x 2	(link unavailable - purchased locally)