# Tot:$870.24 NOT INCLUDING SHIPPING FEES

# Materials:

* [Pipe Alignment Clamp](https://www.vevor.com/pipe-alignment-clamp-c_11748/vevor-ultra-clamp-pipe-clamp-2-6-welding-alignment-clamp-or-ultra-fit-clamp-p_010681935474?adp=gmc&utm_source=google&utm_medium=cpc&utm_id=22744936500&ad_group=184964417987&ad_id=761950946777&utm_term=&gad_source=4&gad_campaignid=22744936500&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfy7xxix70Wwo3bv719ozc1CPa1weeBoOPuv_TccYN_DFAzqZ_rO3SsaAnYhEALw_wcB) (Vevor)(69.99)
* [F Clamp](https://www.northerntool.com/products/klutch-3-pc-welding-f-clamp-set-6in-x-3in-8in-x-3in-12in-x-3in-clamp-sizes-113663?cm_mmc=Google-LIA&utm_source=Google_LIA&utm_medium=Welding%20%3E%20Welding%20Tools%20%2B%20Clamps%20%3E%20Welding%20Clamps%20%2B%20Pliers&utm_campaign=Klutch&utm_content=113663&ogmap=SHP%7CLIA%7CGOOG%7CSTND%7Cc%7CSITEWIDE%7C%7CWeldingOwnedBrands%7C%7Badgroup%7D%7C%7C19587384685%7C148341056387&gclsrc=aw.ds&gad_source=4&gad_campaignid=19587384685&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfwWzZyTmlj2LtgYG7_KV6eOhRZbAocL0NQ8FeCjhSrpcEqgJLJxIwYaAgIBEALw_wcB) (Northern Tool)(29.99)
* DOM Steel Tubing (Varies by website, but general cost is about $5 per foot)

# Safety Equipment:

* [Respirators](https://www.homedepot.com/pep/3M-OV-AG-P100-Professional-Multi-Purpose-Respirator-in-Black-with-Drop-Down-63023DHA1-C/206408987?g_store=&source=shoppingads&locale=en-US&pla&mtc=SHOPPING-BF-CDP-GGL-D25H-025_005_SEC_SAFETY-NA-NA-NA-PMAX-NA-NA-NA-NA-NBR-NA-NA-NA-SafetySecurity_BControl24&cm_mmc=SHOPPING-BF-CDP-GGL-D25H-025_005_SEC_SAFETY-NA-NA-NA-PMAX-NA-NA-NA-NA-NBR-NA-NA-NA-SafetySecurity_BControl24-21269012543--&gclsrc=aw.ds&gad_source=1&gad_campaignid=21269013053&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfyWXeBvqBb1Jthh1sglLdQ7CCPHt2T2iWYyNOLmoGsFbHlw6LsFT2QaAj8sEALw_wcB) (Home Depot) (20.10)
* [Flip up welding goggles](https://toolplanet.com/products/welding-helmet-2-x-4-x-1-1-4-flip-front-lens?currency=USD&variant=42155620761645&utm_source=google&utm_medium=cpc&utm_campaign=Google%20Shopping&stkn=62fe67101f5e&srsltid=AfmBOooGMVTO-LzbeXQ1Z5t8vEgpYkdAVtmXREi36EZ4_iV0tr42dFMYSdM) ([ToolPlanet.Com](http://toolplanet.com))(13.87)
* [Work Gloves](https://www.homedepot.com/pep/FIRM-GRIP-Heavy-Duty-Large-Glove-55297-06/306248744?g_store=&source=shoppingads&locale=en-US&pla&utm_source=google&utm_medium=vantage&utm_campaign=92373&utm_content=95044&mtc=SHOPPING-RM-RMP-GGL-D25H-Multi-NA-FIRM_GRIP-NA-PMAX-NA-NA-MK725879001-92373-NBR-242-NA-VNT-FY25_Q1_Q4_BigTimeProductsLLC_D25H_RM_ES_AON_BAUOpportunity&cm_mmc=SHOPPING-RM-RMP-GGL-D25H-Multi-NA-FIRM_GRIP-NA-PMAX-NA-NA-MK725879001-92373-NBR-242-NA-VNT-FY25_Q1_Q4_BigTimeProductsLLC_D25H_RM_ES_AON_BAUOpportunity-22693781442--&gclsrc=aw.ds&gad_source=1&gad_campaignid=22703481535&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfxjgNUtQ9YOiGlhltNgP2p1IZfD3BMqW4cF97jVaVfkIR5bxWpZMyoaAp8BEALw_wcB) (Home Depot)(13.98)
* [Heavy Duty Fan](https://www.homedepot.com/pep/Tornado-12-in-3-Speed-High-Velocity-Industrial-Metal-Floor-Fan-in-Black-with-6-ft-Cord-HI-FAN-12HVFF-1P/329924331?g_store=&source=shoppingads&locale=en-US&pla&mtc=SHOPPING-CM-CML-GGL-D29A-029_017_ACS_FANS-NA-Multi-NA-PLALIA-5163653-NA-NA-NA-NBR-NA-NA-NA-MinorAppl&cm_mmc=SHOPPING-CM-CML-GGL-D29A-029_017_ACS_FANS-NA-Multi-NA-PLALIA-5163653-NA-NA-NA-NBR-NA-NA-NA-MinorAppl-21452948786-166047147484-329114862239&gclsrc=aw.ds&gad_source=1&gad_campaignid=21452948786&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfzo3_G0PvFkypT9KsOQYFQ6zmdCxTUhWffekKQp05cTazLay42liv8aAhrSEALw_wcB) (Home Depot)(31.70)

# Tools:

* Welding Kits
  + [Lincoln Electric Handy MIG / Weld-Pak 140MP](https://www.arccaptain.com/products/mig200-200amp-multi-process-synergic-mig-welding-machine?variant=41462396583993&currency=USD&utm_medium=product_sync&utm_source=google&utm_content=sag_organic&utm_campaign=sag_organic&gad_source=1&gad_campaignid=21932800960&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfwOt_3Y5knvepvETXbgzWCPL4Bl3xijCSh50pTLWHJwDRp6qipNA4AaAjYcEALw_wcB) (339)(Best for beginners)
  + [Hobart Handler 140](https://bakersgas.com/products/hobart-500582?variant=42788601331814&campaign=22359192885&adgroup=180577415247&feeditem=&keyword=&matchtype=&device=c&network=g&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfzdMlVS4I-5ue3GSITuxSpfsAqz3gBs9OQERIHuSiVlN65Z9JcKfYkaAhy5EALw_wcB&creative=740521638910https://ad.atdmt.com/s/go;adv=11242241809840;ec=11242241809912;c.a=22359192885;s.a=google;p.a=22359192885;as.a=180577415247;qpb=1;?bidkw=defaultkeyword&dvc=c&h=https://bakersgas.com/products/hobart-500582%3Fvariant%3D42788601331814&gad_source=1&gad_campaignid=22359192885) (719)
  + [YesWelder MIG-205DS](https://yeswelder.com/collections/welder-cutter/products/firstess-mp200?g_campaign_id=21933472465&g_adgroup_id=&gad_source=1&gad_campaignid=21933473947&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfyvprSSYEozf5FEceBIIXjNGSANMNXsKJ1Ulbx-mZsO3vvlG7Wd5IQaApMuEALw_wcB) (999)
  + [Shielding Gas](https://www.northerntool.com/products/thoroughbred-75-25-argon-co2-gas-cylinder-fill-or-exchange-size-1-20cf-163208?cm_mmc=Google-LIA&utm_source=Google_LIA&utm_medium=Welding%20%3E%20Gas%20Cylinders%20%2B%20Torch%20Carts%20%3E%20Gas%20Cylinders&utm_campaign=Thoroughbred&utm_content=163208&ogmap=SHP%7CLIA%7CGOOG%7CSTND%7Cc%7CSITEWIDE%7C%7CWelding%7C%7Badgroup%7D%7C%7C856744471%7C42214674623&gclsrc=aw.ds&gad_source=1&gad_campaignid=856744471&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfxKQSVQzYou0qO9xl5o4qpnzgkkzMBd6SBTohqH4Td4kBxLJhwhDIYaAh7cEALw_wcB) (Northerntool)(39.99)
  + [Spool of ER70S-6 MIG Wire](https://www.northerntool.com/products/klutch-er70s-6-carbon-steel-mig-welding-wire-size-0-03in-2-lb-spool-model-er70s6-030-02nt-5018031?cm_mmc=Google-LIA&utm_source=Google_LIA&utm_medium=Welding%20%3E%20MIG%20%2B%20Flux%20Core%20Welding%20%3E%20MIG%20%2B%20Flux%20Core%20Wire&utm_campaign=Klutch&utm_content=5018031&ogmap=SHP%7CLIA%7CGOOG%7CSTND%7Cc%7CSITEWIDE%7C%7CWeldingOwnedBrands%7C%7Badgroup%7D%7C%7C19587384685%7C148341056387&gclsrc=aw.ds&gad_source=1&gad_campaignid=19587384685&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfw1AoDaBM2jUWiRUooq08CDE7TSHvGA_nGRF923Ha8rn1YZ6a_IpqUaApP8EALw_wcB) (Northerntool)(13.99) (Diameter and lbs depends on machine)
* [Angle Grinder](https://www.harborfreight.com/4-12-in-professional-air-angle-grinder-64372.html?utm_source=google&utm_medium=cpc&utm_campaign=21905696059&campaignid=21905696059&utm_content=169026380143&adsetid=169026380143&product=64372&store=565&gad_source=1&gad_campaignid=21905696059&gclid=Cj0KCQjwqebEBhD9ARIsAFZMbfzQyOWmRCUAcam9g-uXXAc_KVaEiUXbTqj0lFA2SLMr4GsP_Ks29zQaAk_3EALw_wcB) (Harbor Freight) (99)
* Metal Cutting Tools
  + Metal Chop Saw
  + [Tube Notcher](https://www.harborfreight.com/pipetubing-notcher-71048.html) (Harbor Freight) (59.99)
* [Jig Table](https://www.homedepot.com/p/VEVOR-36-in-x-24-in-Welding-Table-800-lbs-Heavy-Duty-Work-Bench-with-0-63-in-Fixture-Holes-and-Non-slip-Foot-Pads-HJTKKVFXZR1FBL712V0/322471586?source=shoppingads&locale=en-US&srsltid=AfmBOopqak8aIR5yD1kslP973ztKhgqiGyyAycXeldQHvIDqDqguPJrnwcg) (Home Depot)(138.59)

# Engine:

* Engine Mount Plates & Hardware (for test fitting)
* Rubber Isolator Mounts
* Mock-up Engine Stand (helps position the engine during frame build without the full weight)

# Future Necessities:

* LED Lights
* Arduino Uno (Someway to do a turn signal)
* Headlights
* Wii Remote

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