



WOODOO VINTAGE MK74



IT IS IMPORTANT THAT THIS CONVERSION BE PERFORMED BY A QUALIFIED WELDER! IF YOU HAVE ANY RESERVATIONS ABOUT YOUR WELDING SKILLS, HIRE A SHOP, BEG A NEIGHBOR, BLACKMAIL A CO-WORKER IF YOU NEED! JUST DON'T USE THIS AS A "LEARNING EXERCISE"!!!

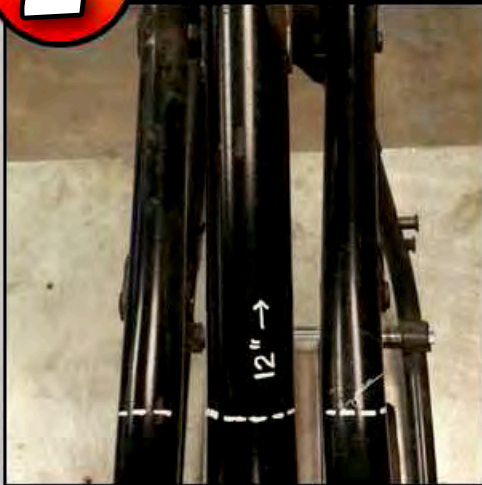
NOW THAT YOU UNDERSTAND WE WILL NOT BE HELD LIABLE SHOULD YOUR BIKE SUDDENLY BECOMES A UNICYCLE DUE TO UNQUALIFIED ASSEMBLY... GET YOUR SAFETY GLASSES AND LET'S GET TO WORK!

1 MEASURE, CHOP, REPEAT!



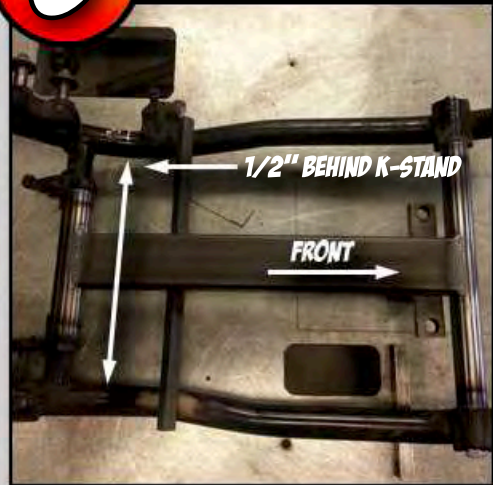
12" BEHIND THE HEAD TUBE, MARK THE BACKBONE WITH A SCRIBE OR WHITE WAX PENCIL. DO NOT CUT YET!

2 INCLUDE THE SIDE RAILS...



TRANSFER YOUR MARKS FROM THE BACKBONE TO THE TWO UPPER SIDE RAILS AND CUT THE ENTIRE ASSEMBLY ALONG THIS LINE.

3 LOWER FRAME RAILS



SCRIBE OR MARK YOUR LOWER RAILS 1/2" BEHIND THE FACTORY KICKSTAND MOUNT LOCATION. CUT AT SAME DISTANCE ON BOTH SIDES.

4 VERY VERY CAREFULLY...!

BEING VERY CAREFUL, FINISH REMOVING THE TWO TOP SIDE-RAILS BY CUTTING CLOSE AS POSSIBLE TO THE DOWN TUBES. REMOVE THE REMAINDER OF THE MATERIAL WITH A FLAP DISC OR SANDER.

THERE WILL BE SLIGHT MATERIAL DEEP INSIDE THE BACK OF THE HEAD TUBE THAT WILL BE DIFFICULT TO IMPOSSIBLE TO REACH. DON'T WORRY ABOUT THIS. WE PROVIDE A GUSSET THAT WILL ENCLOSE THIS AREA AND HIDE ALL THE LEFT-OVER DEBRIS.





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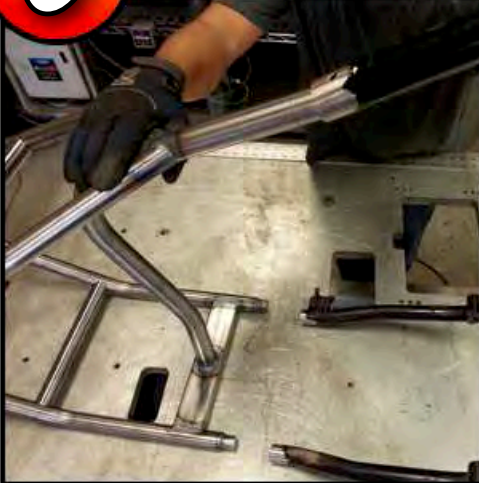
CLEAN AND PREP...



DRILL A HOLE (AROUND 1/4") NEAR EACH OF YOUR CUTS INCLUDING LOWER RAILS. NEXT- USE A WIRE BRUSH OR DREMEL TO CLEAN THE INSIDE AND OUTSIDE OF ALL YOUR TUBE OPENINGS.

6

BEGIN INSTALLATION...



INITIALLY INSTALL YOUR HARDTAIL BEGINNING WITH THE BACKBONE AND MANIPULATE THE LOWER SLUGS INTO THE FRAME RAILS

7

SLUG DETAILS



8

ALIGNMENT...



MARK MID-DISTANCE BETWEEN AXLE PLATES!

MARK THE MID-DISTANCE BETWEEN THE AXLE PLATES AND MAKE A REFERENCE MARK. USING A STRING ATTACHED TO THE TOP DEAD CENTER OF THE HEAD TUBE, ALIGN THE STRING WITH YOUR AXLE MARK AND ALIGN THE BACKBONE

9

TACK AND CHECK...



ONCE EVERYTHING IS ALIGNED, TACK THE HARDTAIL IN PLACE BEGINNING WITH THE BACKBONE CONNECTION AND THEN THE TWO LOWER RAILS. CHECK FOR ALIGNMENT BETWEEN EVERY TACK!



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NECK GUSSETS...



THE NECK GUSSETS MAY NOW BE INSTALLED TO THE FACTORY FRAME. NOTE: IF YOU DECIDE TO KEEP YOUR TURN-LOCK, YOU WILL HAVE TO TRIM THE NECK GUSSET AS SHOWN IN THE PHOTO...

11

FINAL WELDS...



NOW THAT EVERYTHING IS TACKED IN PLACE AND ALIGNED, FINAL WELDS MAY BE APPLIED INCLUDING THE SLUG HOLES AT EACH RAIL CONNECTION.

12

REAR MOTOR MOUNTS...



MOCK YOUR MOTOR IN PLACE AND BOLT THE TWO MOTOR MOUNTS TO THE LOWER REAR ENGINE. MAKE SURE THE MOTOR IS STRAIGHT BEFORE TACKING THE MOUNTS IN PLACE. THEN, REMOVE THE MOTOR AND APPLY FINAL WELDS!

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HARDTAIL COMPLETE!

CONGRATULATIONS! YOUR MK74 HARDTAIL INSTALLATION IS NOW COMPLETE!

