



job name **8" KWIK SNAP CONVERSION KIT INSTRUCTIONS**
This kit will increase the capacity of your Kwik Snap 2500 from 6" to 8" cast iron pipe.

part name AC-2 KIT

equip KIWK SNAP MODEL 2500

date 11/13/2017

WO NO. 8631

part_number AC-2 KIT

prog_number

title **STEP #1.0**

FRAME 1 OF 48

DISCONNECT MACHINE FROM POWER BEFORE INSTALLING THIS KIT.



title **STEP #2.0**

FRAME 2 OF 48

REMOVE THE COVER AS SHOWN.

THIS PHOTO SHOWS THE REMOVAL OF THE BOLTS.
 (ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #2.1**

FRAME 3 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

THIS PHOTO SHOWS THE REMOVAL OF THE COVER.





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title **STEP #3**

FRAME 4 OF 48

REMOVE THE SPRING FROM THE UPPER SPRING HANGER. HOLD THE OVERARM IN THE "UP" POSITION TO REDUCE THE TENSION ON THE SPRING.

(ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #3.1**

FRAME 5 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

CLAMP VICE GRIP ON SPRING AS SHOWN.



title **STEP #3.2**

FRAME 6 OF 48

AFTER REMOVING THE RETURN SPRING, USE 2 EA. BLOCKS OF WOOD TO SUPPORT THE HOLD DOWN "V'S" AS SHOWN.





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title **STEP #4.0**

FRAME 7 OF 48

REMOVE ONE BOLT FROM THE SPRING HANGER AS SHOWN.
 (ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #4.1**

FRAME 8 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

THE REMOVAL OF THE ONE BOLT ALLOWS THE UPPER SPRING BRACKET TO SWING UP AND PROVIDE CLEARANCE AT THE END OF THE ROD COMING OUT OF THE OVERARM TUBE.



title **STEP #5.0**

FRAME 9 OF 48

ROCK KWIK SNAP MACHINE BACK ON ITS WHEELS AND PUT A BLOCK UNDER THE OPERATOR SIDE OF THE MACHINE AS SHOWN IN THE PHOTO.





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title **STEP #5.1**

FRAME 10 OF 48

USING THE RATCHET STRAP SUPPLIED, PULL THE OVERARM DOWN UNTIL THE ARM FLEXES TO THE LIMIT OF ITS TRAVEL AND NO MORE.

DO NOT ADD ANY MORE TENSION TO THE STRAP THAN NECESSARY TO FLEX THE ARM TO THE LIMIT OF ITS TRAVEL.

(ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #5.2**

FRAME 11 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

THE LIMIT OF THE TRAVEL IS WHEN THE GAP CLOSES AT THE BOTTOM AS SHOWN.



title **STEP #6.0**

FRAME 12 OF 48

REMOVE THE MOUNTING BOLTS FOR THE LIMIT SWITCH AS SHOWN.





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title **STEP #6.1**

FRAME 13 OF 48

REMOVE THE LIMIT SWITCH AS SHOWN AND LET IT DANGLE FROM THE CABLE.



title **STEP #7.0**

FRAME 14 OF 48

INSTALL 3/8" DIAMETER SHAFT COLLARS ON THE ENDS OF THE 3/8" DIAMETER RODS THAT STICK OUT OF THE OVERARM TUBES AT 2 PLACES (LEFT AND RIGHT).

MAKE SURE THE SHAFT COLLAR IS AGAINST THE BULKHEAD AS YOU TIGHTEN THE SCREW.

PHOTO POINTS OUT END OF THE ROD.

(ILLUSTRATION CONTINUES ON FOLLOWING THREE FRAMES.)



title **STEP #7.1**

FRAME 15 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

PHOTO SHOWS VIEW OF SHAFT COLLAR.





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title **STEP #7.2**

FRAME 16 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

PHOTO SHOWS PLACING OF SHAFT COLLAR ON ROD.



title **STEP #7.3**

FRAME 17 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

PHOTO SHOWS TIGHTENING SHAFT COLLAR.



title **STEP #8.0**

FRAME 18 OF 48

REMOVE THE GUARD AS SHOWN.

PHOTO SHOWS UNBOLTING OF GUARD (4 BOLTS).

(ILLUSTRATION CONTINUED IN NEXT FRAME.)





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title **STEP #8.1**

FRAME 19 OF 48

(CONTINUED FROM PREVIOUS FRAME.)
 PHOTO SHOWS REMOVING OF GUARD.



title **STEP #9.0**

FRAME 20 OF 48

REMOVE THE RIGHT KNUCKLE ASSEMBLY AS SHOWN.
(DO NOT REMOVE THE LEFT KNUCKLE ASSEMBLY AT THIS POINT. IT MUST STAY IN PLACE TO KEEP THE ARM TOGETHER.)

THIS PHOTO SHOWS UNBOLTING THE KNUCKLE ASSEMBLY.
 (ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #9.1**

FRAME 21 OF 48

(CONTINUED FROM PREVIOUS FRAME.)
 PHOTO SHOWS REMOVING OF KNUCKLE ASSEMBLY.





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title **STEP #9.2**

FRAME 22 OF 48

PUT THE "SWING LIMITER" AND "SHIM PLATE" UNDER THE REAR KNUCKLE AND BOLT DOWN WITH THE LONGER SOCKET HEAD CAP SCREWS (1/4-20 X 3/4" LONG).

DO NOT USE THE ORIGINAL BOLTS. THEY ARE TOO SHORT. USE THE NEW BOLTS SUPPLIED, AS THEY ARE 1/8" LONGER THAN THE EXISTING TO COMPENSATE FOR THE THICKNESS OF THE SWING LIMITER AND THE SHIM PLATE.

(ILLUSTRATION CONTINUED IN NEXT 2 FRAMES.)



title **STEP #9.3**

FRAME 23 OF 48

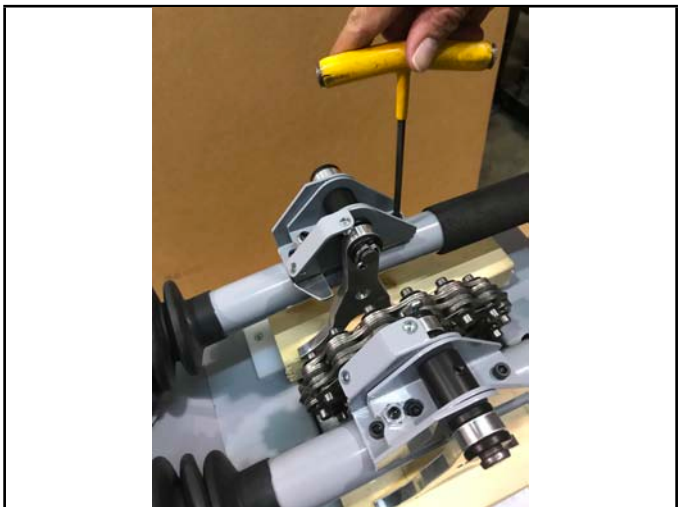
(CONTINUED FROM PREVIOUS FRAME.)
 KNUCKLE ASSEMBLY GOING BACK ON.



title **STEP #9.4**

FRAME 24 OF 48

(CONTINUED FROM PREVIOUS FRAME.)
 TIGHTEN NEW LONGER BOLTS.





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title **STEP #9.5**

FRAME 25 OF 48

REPEAT FOR THE LEFT KNUCKLE ASSEMBLY (ONLY AFTER THE RIGHT KNUCKLE ASSEMBLY HAS BEEN REPLACED AND BOLTED DOWN).

(ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #9.6**

FRAME 26 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

HOLD DOWN "V" TOUCHING THE SWING LIMITER.



title **STEP #10.0**

FRAME 27 OF 48

REPLACE THE PROTECTIVE GUARD AS SHOWN.

(ILLUSTRATION CONTINUED IN NEXT FRAME.)





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title **STEP #10.1**

FRAME 28 OF 48

(CONTINUED FROM PREVIOUS FRAME.)



title **STEP #11.0**

FRAME 29 OF 48

REMOVE THE SHAFT COLLARS FROM THE ENDS OF THE PUSH RODS.

PHOTO SHOWS SCREW BEING LOOSENED.

(ILLUSTRATION CONTINUED IN NEXT 2 FRAMES.)

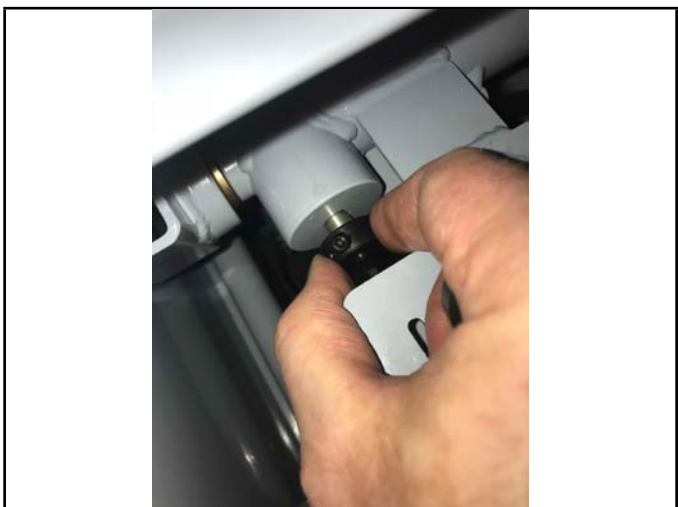


title **STEP #11.1**

FRAME 30 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

PHOTO SHOWS REMOVAL OF SHAFT COLLAR.





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title **STEP #11.2**

FRAME 31 OF 48

(CONTINUED FROM PREVIOUS FRAME.)
 PHOTO SHOWS FREED SHAFT COLLAR.



title **STEP #12.0**

FRAME 32 OF 48

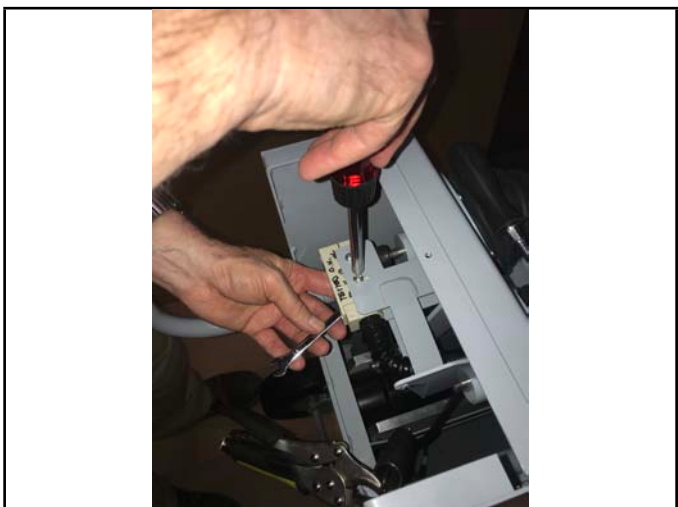
REPLACE THE LIMIT SWITCH AND ADJUST SO THEY ARE ALL THE WAY TO THE END OF THE SLOTS (AWAY FROM THE OPERATOR SIDE).
 (ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #12.1**

FRAME 33 OF 48

(CONTINUED FROM PREVIOUS FRAME.)





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title **STEP #13.0**

FRAME 34 OF 48

REMOVE THE RATCHET STRAP FROM THE OVERARM AND ALLOW THE HANDLE TO RETURN TO ITS "UP" POSITION.



title **STEP #14.0**

FRAME 35 OF 48

REHOOK THE SPRING AND RE-BOLT THE UPPER SPRING HANGER.

(LIFT THE OVERARM TO LESSEN THE FORCE YOU NEED TO INSTALL THE SPRING.)

THIS PHOTO SHOWS WHERE TO CLAMP THE VICE GRIP ON THE SPRING.

(ILLUSTRATION CONTINUED IN NEXT FRAME.)



title **STEP #14.1**

FRAME 36 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

PHOTO SHOWS INSTALLING OF THE SPRING.





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title **STEP #15.0**

FRAME 37 OF 48

LOOSEN THE (4) PIVOT BUSHING ATTACHING BOLTS (2 EA. PER SIDE).



title **STEP #15.1**

FRAME 38 OF 48

PUSH THE OVERARM DOWN SO THAT THE ADJUSTMENT IS AT THE BOTTOM.



title **STEP #15.2**

FRAME 39 OF 48

PULL THE OVERARM DOWN UNTIL THE ARM IS PARALLEL TO THE TOP AND MAKE SURE THAT THE ARM IS PARALLEL TO THE SIDE OF THE MACHINE, AND TIGHTEN THE (4) PIVOT BUSHING ATTACHING BOLTS (2 EA. PER SIDE). (SEE STEP #15.0)

(ILLUSTRATION CONTINUED IN NEXT FRAME.)





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title **STEP #15.3**

FRAME 40 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

HANDLE ASSEMBLY PARALLEL TO THE SIDES OF THE MACHINE.



title **STEP #16.0**

FRAME 41 OF 48

LOOSEN THE LOCK NUT ON THE RETURN SNUBBER. BACK OFF THE SNUBBER UNTIL THE ARM'S FULL "UP" POSITION IS 9" ABOVE THE PLASTIC WEAR PLATES. THEN LOCK DOWN THE LOCK NUT TO FIX THE POSITION OF THE SNUBBER.

(ILLUSTRATION CONTINUED IN NEXT FRAME.)

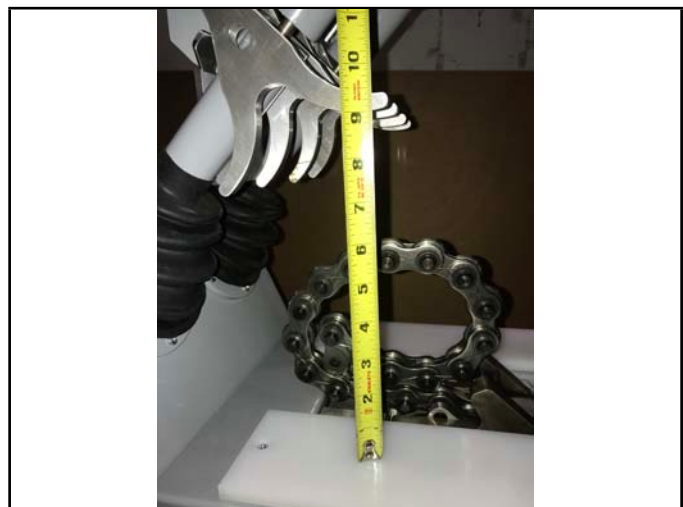


title **STEP #16.1**

FRAME 42 OF 48

(CONTINUED FROM PREVIOUS FRAME.)

9" BELOW THE FORWARD EAR OF THE HOLD DOWN "V" AND THE TOP OF THE WHITE PLASTIC WEAR PLATE ON THE TABLE.





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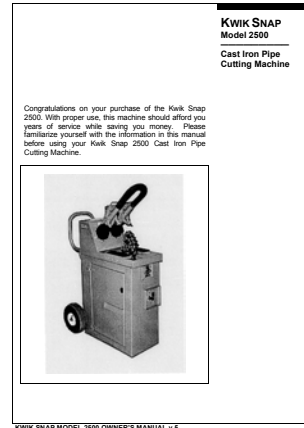
prog number

title **STEP #17.0**

FRAME 43 OF 48

INSTALL THE EXTENDED CHAIN PER THE INSTRUCTIONS SHOWN IN THE "KWIK SNAP MODEL 2500 OWNERS/OPERATORS MANUAL" AT PAGES 15 TO 17.

WEB LINK: http://www.harrison-isi.com/downloads_025.html



title **STEP #18.0**

FRAME 44 OF 48

CHECK THE "GAP" BETWEEN THE PUSH ROD AND THE LIMIT SWITCH. (WHEN THE OVERARM IS NOT DEPRESSED, IT SHOULD BE 1/16" TO 1/8".)

THE BOLTS THAT HOLD THE LIMIT SWITCH IN PLACE SHOULD BE AT THE END OF THE SLOTS IN THE ATTACHING BRACKET.



title **STEP #18.1**

FRAME 45 OF 48

IF THERE IS NO GAP BETWEEN THE PUSH ROD AND THE LIMIT SWITCH, CHECK TO MAKE SURE THAT THE OTHER END OF THE PUSH ROD IS SEATED IN THE SOCKET. IF THE PUSH ROD IS NOT IN THE SOCKET, PUSH IT WITH A PUTTY KNIFE TOWARD THE SOCKET AND IT WILL POP IN.

(ILLUSTRATION CONTINUED IN NEXT FRAME.)





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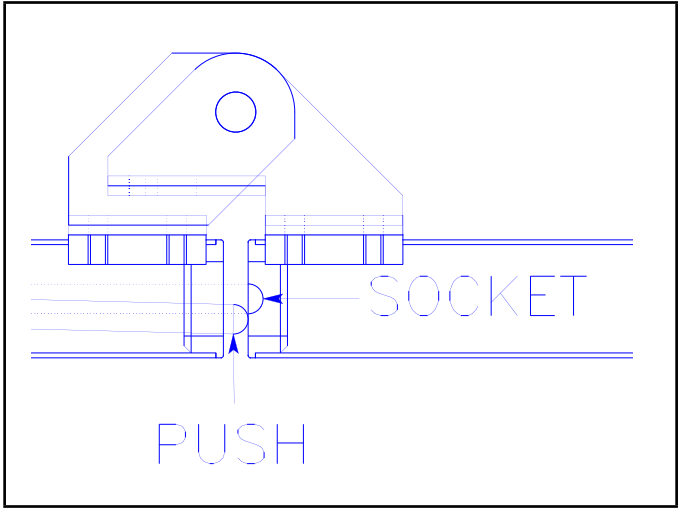
part_number AC-2 KIT

prog_number

title **STEP #18.2**

FRAME 46 OF 48

(CONTINUED FROM PREVIOUS FRAME.)



title **HELP**

FRAME 47 OF 48

IF YOU NEED HELP:

1) PLEASE EMAIL THE ENGINEERING DEPT. AT:
 MCLEMENT@HARRISON-ISI.COM

PUT "KWIK SNAP HELP" IN THE SUBJECT LINE;

OR

2) CALL 888-212-6095, EXT. 700

ASK FOR MICHAEL CLEMENT.

**END
 OF
 INSTRUCTION**

title

FRAME 48 OF 48

The Kwik Snap 2500 is manufactured by:

Harrison Industrial Services, Inc.
 3377 Deer Valley Rd., #163
 Antioch, CA 94531

Phone: 1-888-212-6095
 Fax: 1-888-212-6095
 Email: info@harrison-isi.com
 Web: http://www.harrison-isi.com

