

3091 / 3093 PORTABLE HOLE CUTTER SYSTEM



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WHEELER-REX LIMITED LIFETIME WARRANTY

WHEELER-REX covers its products with a Limited Lifetime Warranty, with exception of pipe threading machines which have a Limited Three Year Warranty (including electric motors). Warranties from manufacturers of components used in our products may pre-empt the Wheeler-Rex warranty. Wheeler-Rex warrants against defects in material or workmanship. To take advantage of this warranty, the complete product must be delivered prepaid to Wheeler-Rex or any WHEELER-REX AUTHORIZED SERVICE CENTER. No tools are to be returned to the factory without receiving prior authorization. Obviously, failures due to misuse, abuse, or normal wear and tear are not covered by this warranty. **NO OTHER WARRANTY, WRITTEN, OR ORAL, APPLIES. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** No employee, agent, dealer, or other person is authorized to give any warranty on behalf of Wheeler-Rex. Warranted products will be repaired or replaced at our option, at no charge and returned to you via prepaid transportation. Such replacement or repair is the exclusive remedy available from Wheeler-Rex. Wheeler-Rex is not liable for damage of any sort, including incidental and consequential damages. Some U.S.A. states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WARNING

GENERAL TOOL OPERATION WARNINGS

FOR ALL TOOLS-

1. **Keep Guards in Place** and in working order.
2. **Remove Adjusting Keys and Wrenches** from tool before turning it on.
3. **Keep Work Area Clean.** Cluttered areas and benches invite accidents.
4. **Avoid Dangerous Environment.** Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain.
5. **If you must use an electric tool** in a damp or wet location; make sure it is plugged into a circuit which is protected by a ground fault interrupt.
6. **Keep Children Away. ALL VISITORS SHOULD BE KEPT A SAFE DISTANCE FROM WORK AREA.**
7. **Store Idle Tools** in dry, high, or locked-up place out of reach of children.
8. **Don't Force Tool.** It will do a better and safer job at the rate for which it is designed.
9. **Use Right Tool.** Don't force a small tool or attachment to do the job of a heavy-duty tool.
10. **Wear Proper Apparel.** No loose clothing or jewelry to get caught in moving parts. Rubber gloves and footwear are recommended when working outdoors.
11. **Use Safety Glasses.**
12. **Don't Abuse Cord.** Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil, and sharp edges.
13. **Secure Work.** Use clamps or vise to hold work when practical. It's safer than using your hand and it frees both hands to operate tool.
14. **Don't Overreach.** Keep proper footing and balance at all times.
15. **Maintain Tools Properly.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories. Equipment operators must have proper maintenance & instruction sheets. Be sure the tool operator reads and understands this information. If you don't have current maintenance and instruction sheets, contact the factory & we will supply them at no charge.
16. **Disconnect Tools** when not in use; before servicing; when changing accessories such as dies, cutters, etc.
17. **Avoid Accidental Starting.** Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
18. **Outdoor Use Extension Cords.** When tool is used outdoors, use only extension cords suitable for use outdoors and so marked.
19. **Wear Ear Protection** if exposed to long periods of very noisy shop operations.
20. **Do not operate tools** while under the influence of alcohol, drugs or medication.

ATTACHING THE DRILL

The 3091 Portable Hole Cutter Assembly does not come with a drill. The following instructions show how to attach the drill to the gear rack assembly. This assembly is designed to be used with a DeWalt Model# DW130V drill.



Threaded hole where lower block will be attached.

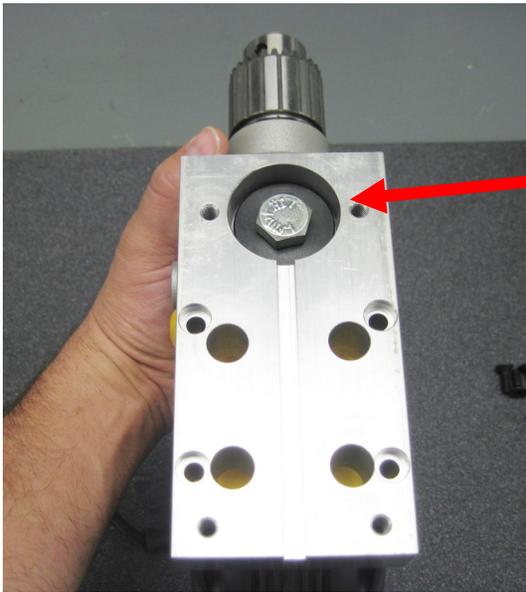


Place lower block on drill with counter-bored hole facing up.



Use 1/2-13 Hex Screw #277046 and Mounting Plug #701172.

ATTACHING THE DRILL CONTINUED



Assemble Hex Screw and Mounting Plug in drill body. Do not tighten.



Place drill on it's side.

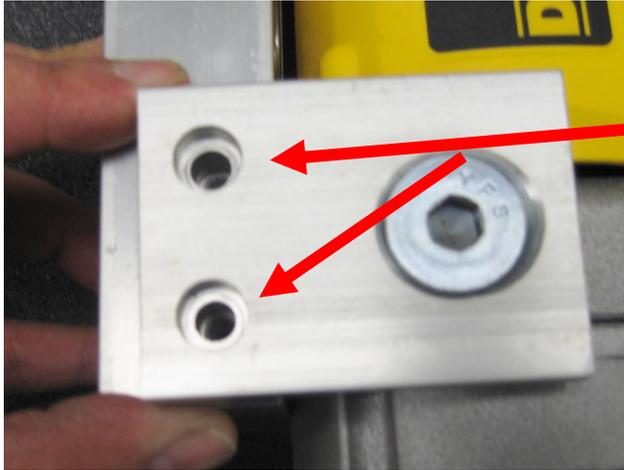


701171 Mounting Tab

277060 Screw

Install 1/2-13 Flat Head Cap Screw #277060 into slotted hole of Mounting Tab #701171. Do not tighten.

ATTACHING THE DRILL CONTINUED

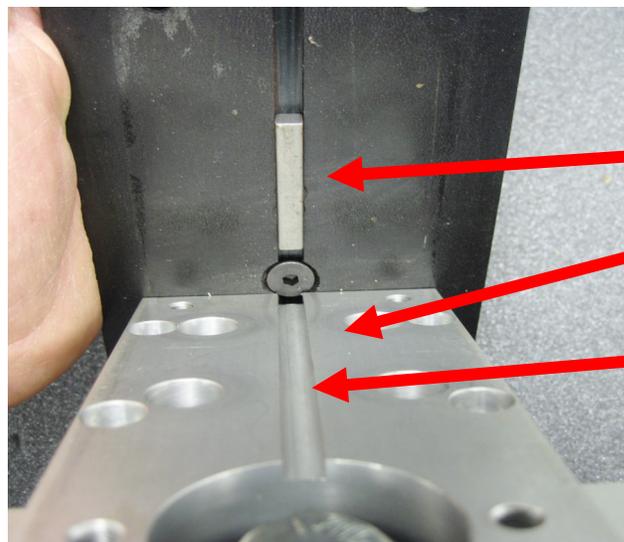


275137 Screw (2)

Install (2) 1/4-20 Socket Head Cap Screw #275133 into the Mounting Tab. Tighten all three screws. Repeat this for the second Mounting Tab on the opposite side of the lower block.



Tighten Hex Head Cap Screw.



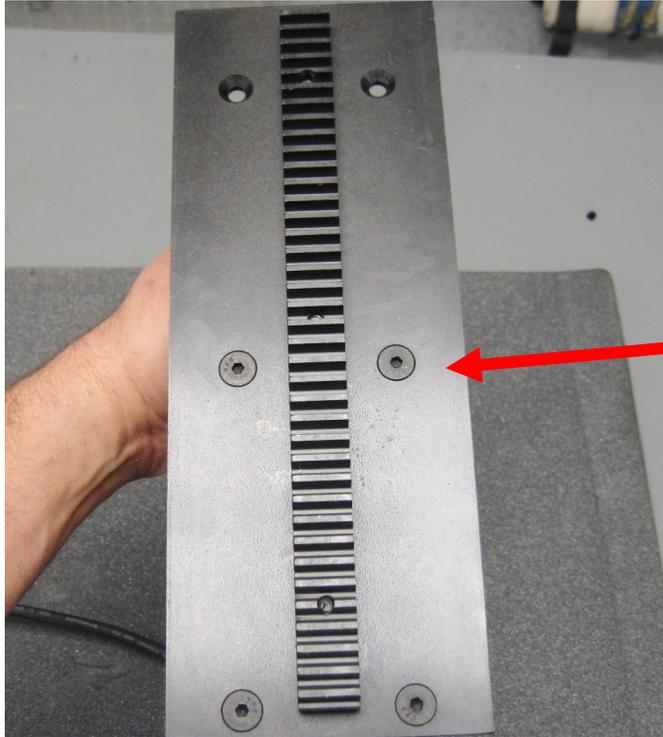
Key

Lower Block

Key Slot

Align Key #701190 installed on Plate #701063 to Key Slot Lower on Block #700996.

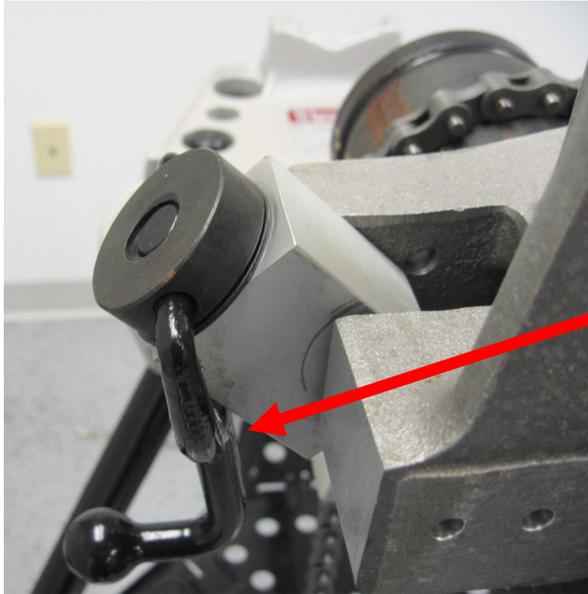
ATTACHING THE DRILL CONTINUED



276888 (4) Screws

Install (4) of the 1/4-20 Flat Head Cap Screw #276888 into plate. Tighten all (4) screws using an Allen Key.

USING THE 3091 / 3093 PORTABLE HOLE CUTTER



Handle

Turn Handle counterclockwise to lower chain screw threads.



Place frame on pipe.

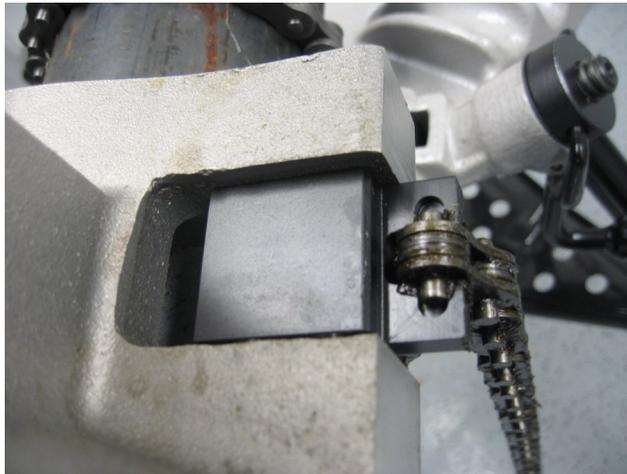


Make sure the machined "V" in the bottom of the frame is centered on the pipe.

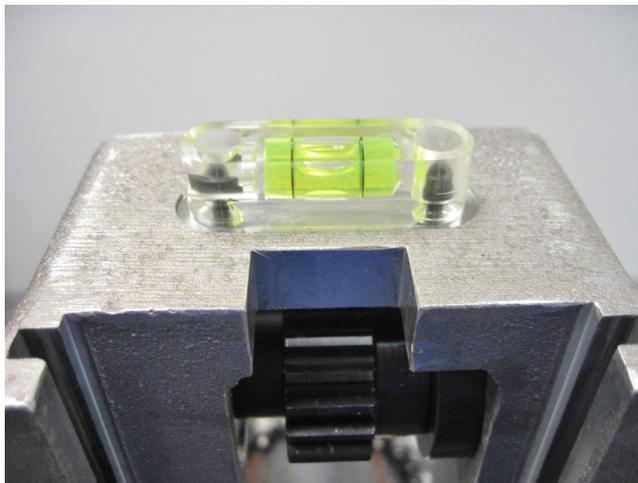
USING THE 3091 / 3093 PORTABLE HOLE CUTTER



Pull the chain upward and place into the Chain Hook Block #700993. (see below)

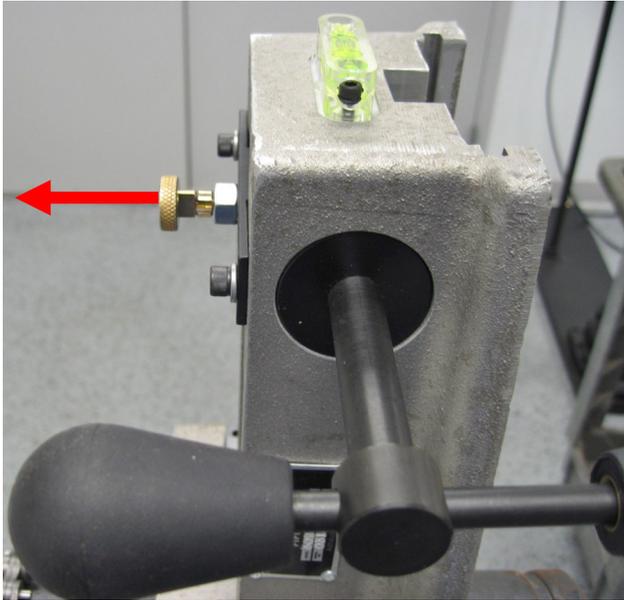


Once chain is hooked into the block, turn Handle #606742 in the clockwise direction to tighten frame to pipe.

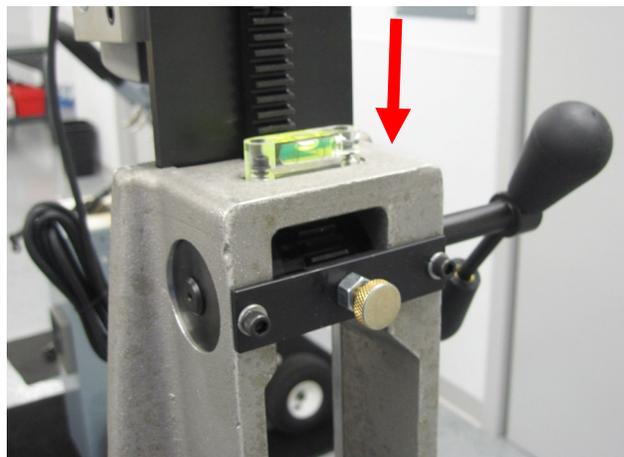


A bubble level is mounted on top of the frame for your convenience.

ASSEMBLING THE DRILL TO THE FRAME



Pull Retractable Spring Plunger #276899 out and turn 90 degrees. This allows the feed handle to turn freely.



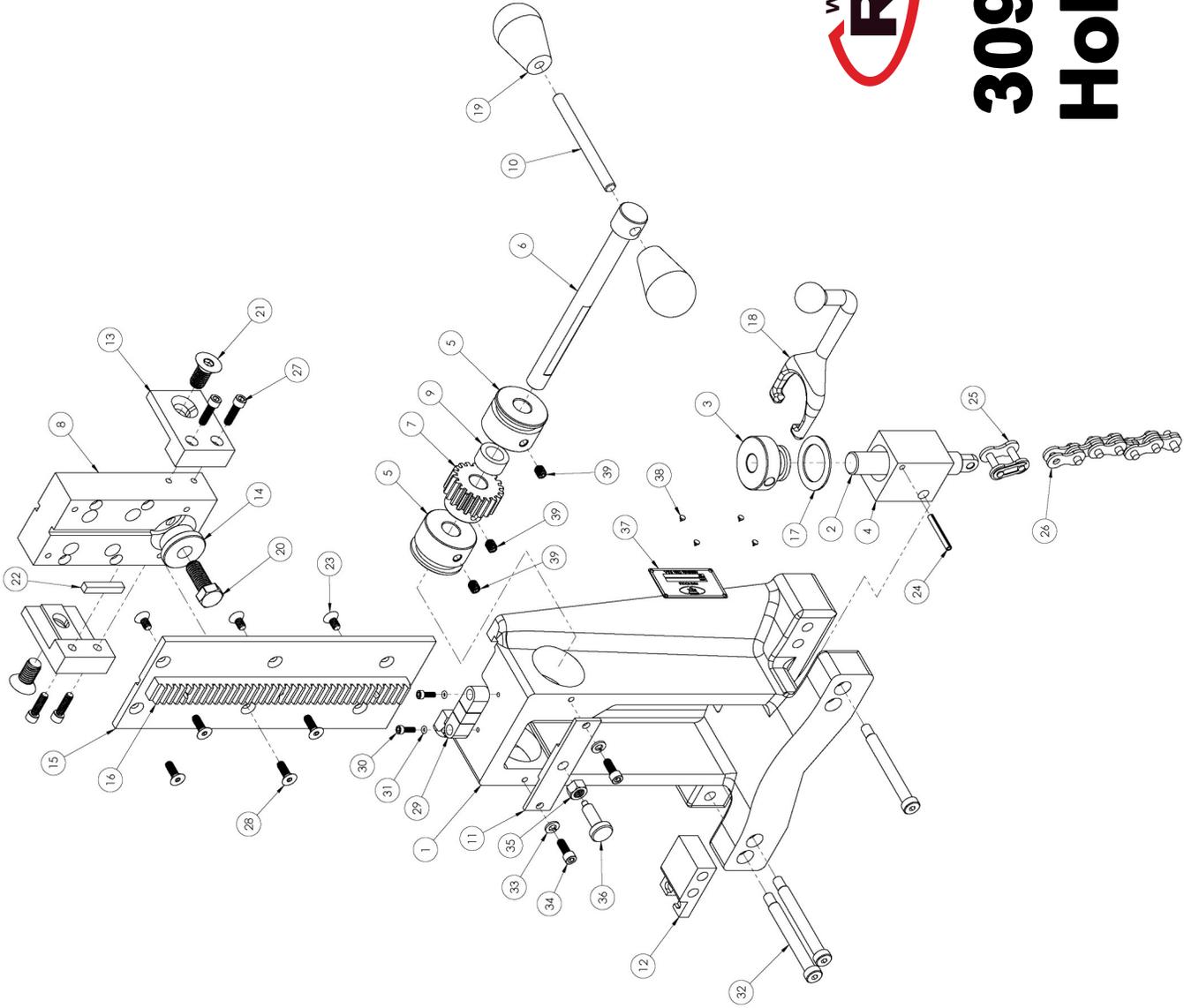
Place Plate #701063 (with drill attached) into the slot of frame. Turn Retractable Spring Plunger Knob #276899, 90 degrees to lock feed handle.



Once the drill has been placed into the frame, hold the feed handle and pull the Retractable Spring Plunger Knob #276899 90 degrees to unlock feed handle before and after drilling.



3091 / 3093 Hole Cutter



Item	Part No	Description	Qty
1	700975	FRAME (MACHINED)	1
2	700710	CHAIN SCREW	1
3	700708	CRANK NUT	1
4	700985	CHAIN TENSION BLOCK	1
5	700986	SPACER (FOR 3090)	2
6	701010	SHAFT	1
7	701012	SPUR GEAR	1
8	700996	LOWER BLOCK	1
9	701013	SPACER	1
10	701016	CROSS BAR	1
11	701098	FRONT GUARD	1
12	700993	CHAIN HOOK	1
13	701171	MOUNTING TAB	2
14	701172	MOUNTING PLUG	1
15	701063	PLATE	1
16	701113	RACK, MACHINED	1
17	606751	BEARING	1
18	606742	HANDLE	1
19	276834	HANDLE END	2
20	277046	1/2-13 x 1 1/4" HEX HEAD CAP SCREW	1
21	277060	1/2-13 x 1" FHCS	2
22	275648	KEYWAY	1
23	276888	1/4-20 x 1/2" FLAT HEAD CAP SCREW	3
24	275862	3/16" DIA x 1 1/2" ROLL PIN	1
25	2065	CHAIN CONNECTING LINK	1
26	276900	CHAIN	1
27	275133	1/4-20 x 7/8" SOCKET HEAD CAP SCREW	4
28	275040	1/4-20 x 3/4" FLAT HEAD CAP SCREW	4
29	277063	BUBBLE LEVEL	1
30	275402	#8-32 x 1/2" SHCS	2
31	277064	O-RING	2
32	276833	5/16-18 x 3/8" DIA. x 3" SHOULDER SCREW	3
33	275105	1/4" SPLIT LOCK WASHER	2
34	275021	1/4-20 x 5/8" SOCKET HEAD CAP SCREW	2
35	2024	3/8-16 HEX NUT	1
36	276899	RETRACTABLE SPRING PLUNGER	1
37	700595	NAME PLATE	1
38	276203	METAL TAK	4
39	275649	5/16-18 x 3/8" CUP POINT SET SCREW	3
40	701114	CARRYING CASE ****NOT SHOWN***	1



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