



Quikpoint Drill-Mate Manual



Drill-Mate with
a drill mounted
Model #3600

Model # 3000 & 3600



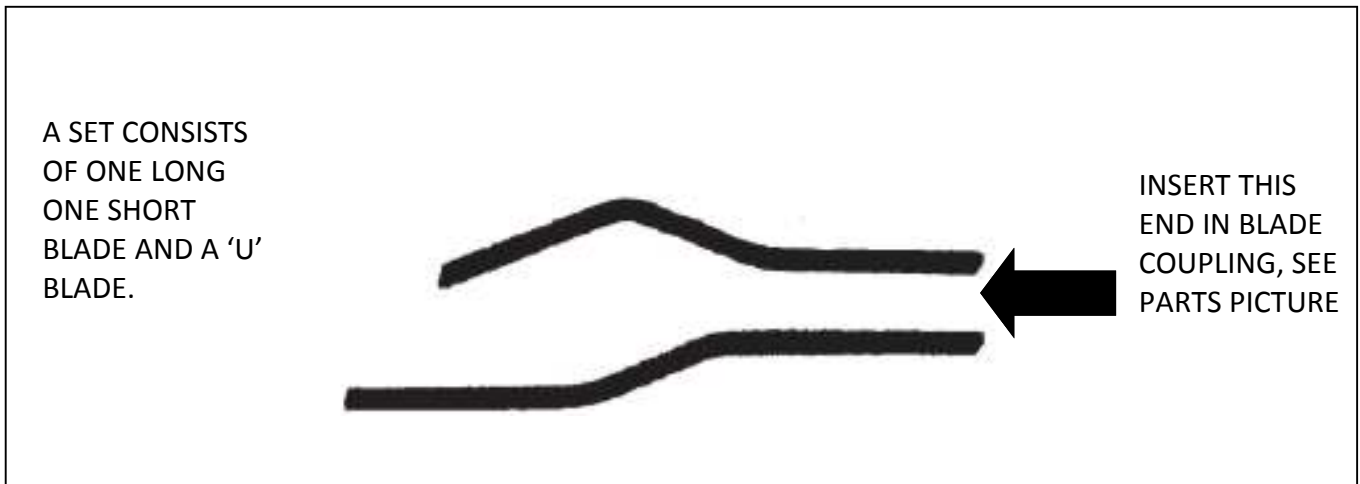
Before use, be sure everyone using this tool reads and understands this manual.

Accessories

- 1 Angle Steel Tip No. 552-A
- 1 Wide Steel Tip No. 552
- 1 Narrow Steel Tip No. 551
- 1 Large Steel Tip No. 553
- 2 'U' Blades
- 3 Tip Blade Sets
- 2 ¼ 28 X ¼ Stainless Steel Set Screws
- 1 Extra Nozzle Key Allen Wrench
- 1 16oz Scoop No. 554

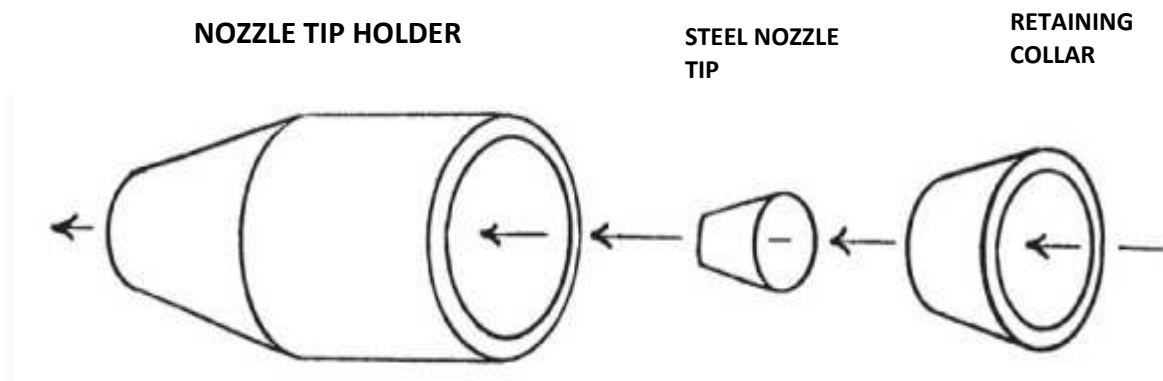
TIP BLADES CAN BE MADE FROM ⅛ INCH ELECTRICIANS SNAKE

**BEND WITH PLIERS AND VICE TO CONTOUR BELOW OR SEND FOR
REPLACEMENT TIPS**



CAUTION PROTECT EYES WHEN CUTTING HARDENED WIRE

Nozzle Assembly



1. Drop metal nozzle tip into nozzle tip holder, Then insert retaining collar as shown.
2. Slip the assembly over the front barrel of the gun. Pull the nozzle assembly firmly against the front face of the gun barrel until the metal nozzle tip is seated tightly in the nozzle holder.
3. Insert the allen wrench key into the holes at the back of the nozzle assembly. The allen key, when properly placed, will fit in the slot at the back of the second o-ring.

NOTE: The nozzle assembly can now be rotated for vertical or horizontal applications

NOTE: When assembling make sure all mating surfaces are clean to insure proper seating

NOTE: Put lubricant such as Vaseline on O-Ring area where Allen Key runs.

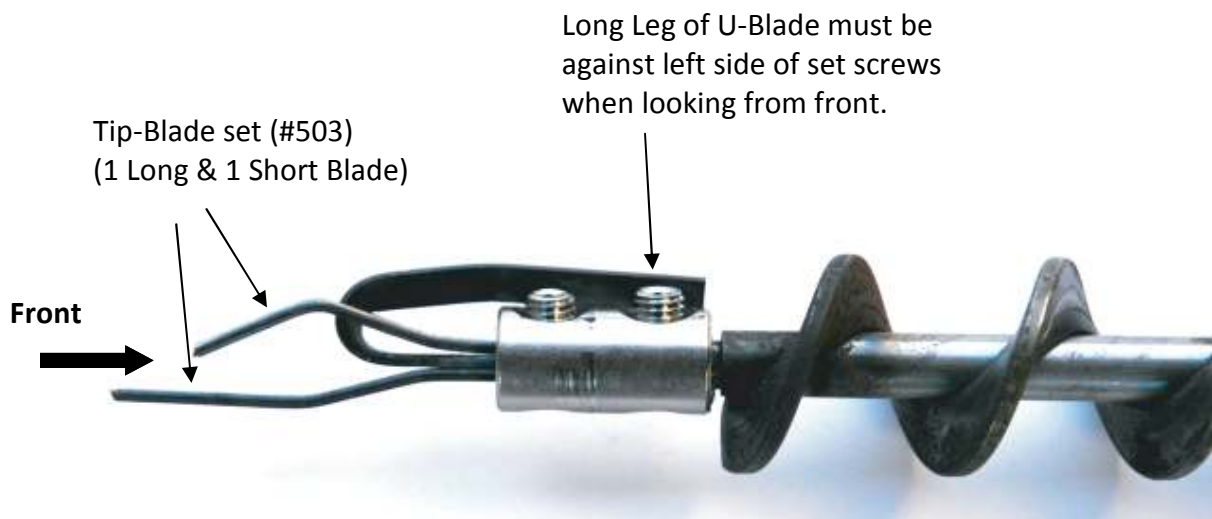


Auger Assembly

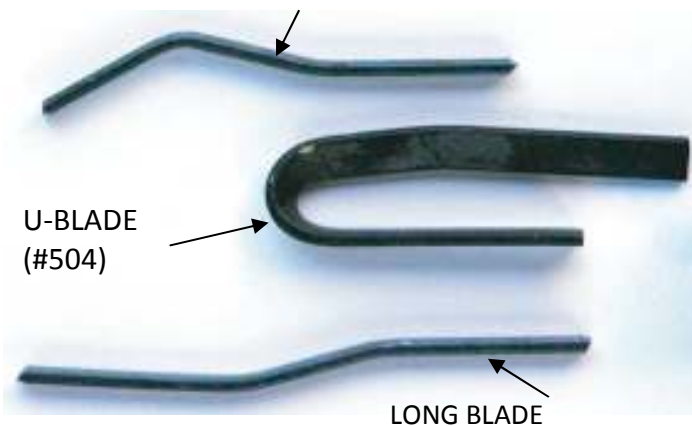
1 Install the Blade-Coupling (#502) on to the Auger by tightening the Socket set screw on the flat of the auger shaft.

2 The short leg of the U-Blade (#504) is inserted between the Tip-Blade-Set (#503) with the short-blade above (so that the set screw tightens on the blade first) and the long blade below.

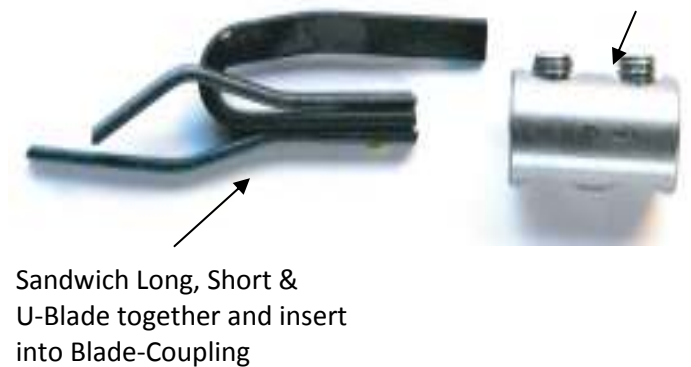
3 The Long-leg of the U-Blade must be positioned against the left side of the set-screws when looking from the front of the blade assembly



SHORT BLADE

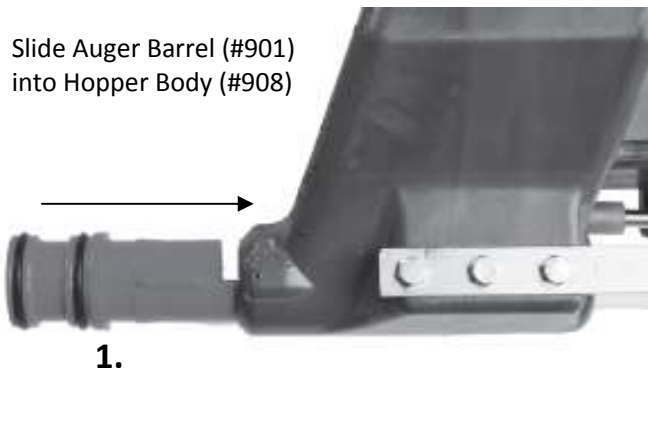


BLADE-COUPLING (#502)



Assembly

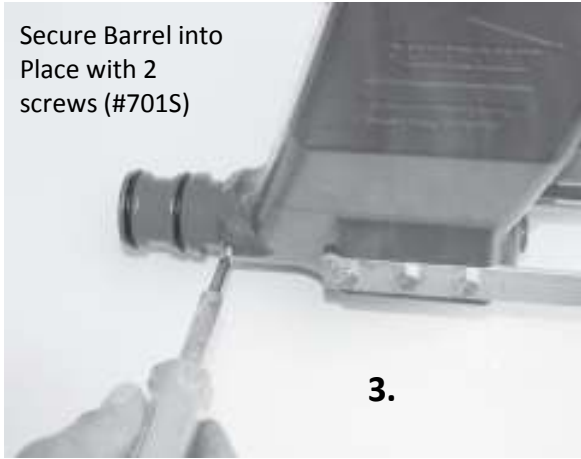
Slide Auger Barrel (#901) into Hopper Body (#908)



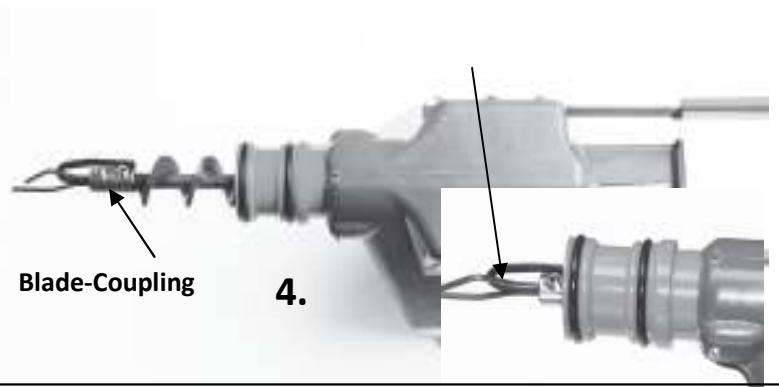
Firmly set Barrel (#901) so that the back of the Barrel Protrudes out of the Hopper Body (#908) as shown.



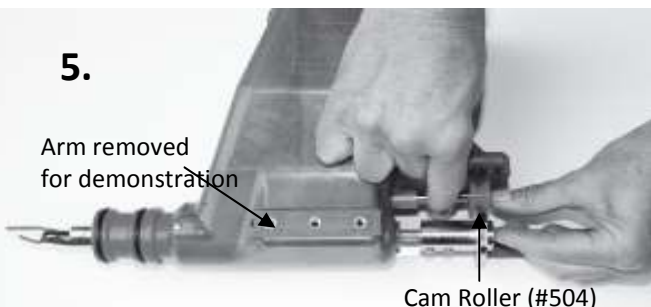
Secure Barrel into Place with 2 screws (#701S)



Slide Auger-assembly into barrel until forward set screw in Blade-Coupling (#502) is about 1/8 Inch from end of Barrel



Position the Cam-Roller with the Cam -Coupling (#703) as shown. Push the Vibrator rod (#707) down so that the Cam-Roller will slip on to the Vibrator-Rod as the Cam-Coupling is pushed on to the Auger shaft.



Align Set Screws and then tighten when the Cam-Coupling is in proper position (#703-S & 502-S)



Push Cam-Coupling on to the Auger shaft so that The Cam-Roller just touches the Roller stop.

Put steel nozzle(# 551,552,553,552-A)followed by Retainer collar (#751) into Nozzle-Holder (#750) then push assembly on to Barrel .



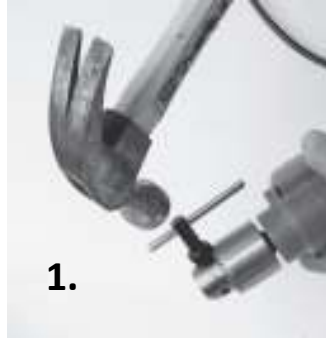
8



Push Nozzle holder on until the Allen Key (#506) easily slides into locking hole.

Mounting a Drill

We recommend removing the chuck from the drill and threading the Cam-Coupling on to the drill mandrell. This makes the whole assembly shorter with much better balance.
If this is the method you choose, please see picture #1.

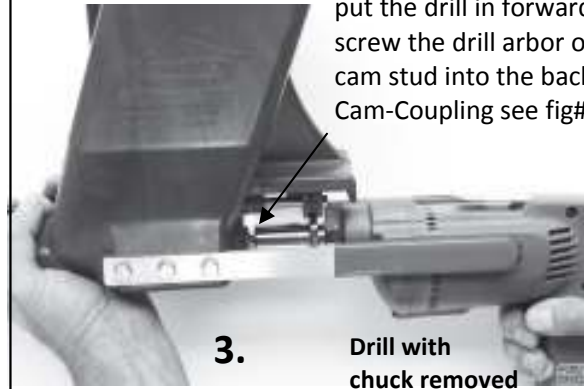


Some drills have a left threaded Reversing-Screw holding the chuck onto the drill. Open the Chuck all the way. Then look inside the chuck to see what style of screw head is used (Allen head, Phillips, Straight, etc....) This screw is removed by turning the screw clockwise while holding the chuck from turning with the chuck key in place as in picture #1. Once the Reversing-Screw is removed hit the back end of the Chuck-Key with a hammer as shown and the Chuck will unscrew.

If you do not remove the Chuck from your drill simply chuck the 3/8th inch CAM-Stud (#704) into the chuck as shown .



To connect the drill to the Quikpoint assembly simply put the drill in forward and screw the drill arbor or the cam stud into the back of the Cam-Coupling see fig#3 & #4



Drill with chuck removed



Drill with chuck and male Cam-Stud



Slip the Ring-Clamp (#711) over the drill and Drill Mount Arms (#710)



Secure Ring-Clamp in suitable place on drill . Avoid covering air vents.

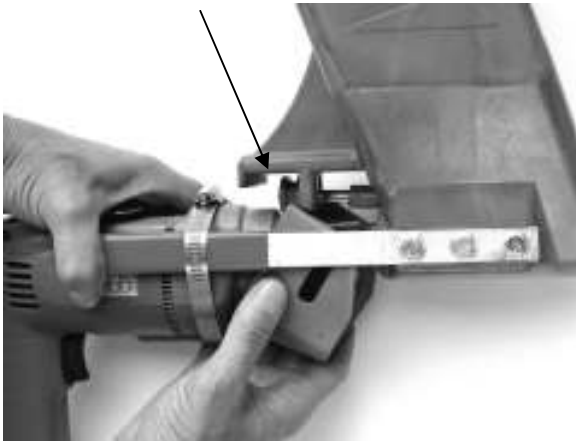


To install Cam-Guard (#909) after drill is mounted push up under and between Drill Mount Arms then snap over hopper tongue

If needed, the Drill Mount Arms (#710) can be extended back by mounting the arms as shown with two bolts

Cam-Guard Installing

Kitty-Corner Cam-Guard (#709) into position between aluminium drill supports.



Snap right and left sides of the Cam-Guard on to plastic tongue as shown **Quikpoint**



Quikpoint Drill-Mate fully assembled with Drill and Chuck and Cam-Guard.



Notice Aluminum bars are extended back by mounting with two bolts as shown

Quikpoint Drill-Mate fully assembled with cam-Guard and Drill without Chuck.



Our new Quikpoint Model #3600 (with drill) and #3000 (Drill-Mate). This new model is easily identified by the yellow "Hager-Bar".

1. Features an unbreakable life time guarantee, Hopper.



Mortar Mixes

The Kwikpoint Mortar Gun works well with standard UBC (Universal Building Code) mortar mixes up to 2 1/2 fine sand by volume to one part by volume of the cements plus lime used.

Example of 2 1/2 to 1 mix

1— Cement
+ 1—Lime

= 2 parts by volume
X 2.5

=5 parts sand by volume



1 — Cement
+ 5—Sand
+ Pointing Sol 1: 5 Water

The strength P.S.I. of a mix is varied by the type of cement used and the volumes of cement, lime, and fine sand used.

For best results the aggregate fine (sand) should not have particles larger than 1/8 inch.

1. A richer mix will work more easily through the gun.

(We recommend mixing a small experimental batch of mortar to see how your mix works in the gun)

Cleaning & Maintenance

1. Do not leave mortar in gun for more than 1 hour.
2. To clean gun flush with water while gun is running. Do not use water hose to clean tool. Use only a small container to direct water into the hopper without spilling. Caution : Keep water off of drill. Do not immerse tool in water if drill is attached. (See Figure B.)
3. Unplug drill. Remove nozzle and clean mortar from inside nozzle holder and O-Ring area of barrel.
4. Dried mortar in Allen set screw sockets can be cleaned easily with a 1/8" drill bit.
5. Occasionally apply a small amount of Vaseline or Petroleum Jelly to the O-ring and nozzle Key groove at front of barrel. (Fig. C)
6. Where the Auger fits into the Blade-Coupling (#502) and the Cam-Coupling(#703) put Petroleum Jelly into the holes to keep parts from corroding.
7. Store tool in dry area.



Parts List



Part #	Part Name	Price	Part #	Part Name	Price
502	Blade Coupling	£5.00	703	Cam Coupling	£16.50
502-S	Set-Screws (2)	£1.00	751	Nozzle Retainer	£5.00
503	Tip Blade Set	£2.50	704	Cam Stud	£3.00
504	U-Blade	£2.50	707	Vibrator Rod	£2.80
506	Nozzle Key	£1.50	908	Hopper Body	£70.00
507	O-Ring	£2.00	909	Cam Guard	£7.00
512	Rubber Tube	£1.50	710	Drill Mounting Arms(2)	£6.80
514	Cam Roller	£3.30	711	Drill Mount Ring-Clamp	£2.80
551	Small Nozzle	£3.25	713	Lid	£2.50
552	Medium Nozzle	£3.25	750	Nozzle Holder	£12.00
553	Large Nozzle	£3.25	535	Pointing Solution	£22.98
554	Plastic Scoop	£2.00			
700	Auger	£30.00			
901	Auger Barrel Insert	£18.50			

Prices Exc VAT



- **Free Delivery on all orders over £50.00 Exc VAT**
- **Free Technical Advice Line: 01229 869 100**
- **Available to purchase online**

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