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**INSTRUCTIONS
FOR
HIT-151
DRILL GUIDE FOR
ARROW REVOLUTION
AND
YALE INTOUCH**

**WHEN USING POWER TOOLS
ALWAYS WEAR
EYE AND EAR PROTECTION!!**

THINK SAFETY!!

**WHEN USING POWER TOOLS
ALWAYS WEAR
EYE PROTECTION!!**

Before attempting any installation know how to safely use the power tools involved. Be sure all bits and cutters are sharp and in good condition and all power tools and extension cords are in good working order and properly grounded. **AND MOST IMPORTANTLY, BE SURE TO WEAR, EYE AND EAR PROTECTION.**

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Drill Bit Types



All hole saws are not created equal. A cheap hole saw from a home improvement center or one that has been dropped can be out of round and will not fit the drill bushings in our templates.



Shown above is a standard twist drill bit. They can be used on both wood or steel doors. Be sure to back out the bit when drilling to clear chips.



Shown above and at right is a brad point bit. They will produce a very clean hole in a wood door. Use at a low speed and back the bit out to clear chips. Do not use on a steel door.



Shown above is a tri-flute drill bit. Do not attempt to use this in a drill guide. The lack of bearing surface will cause the bit to jam.



Shown above is a spade or paddle type bit. Do not attempt to use this in any drill guide. There is no bearing surface and you will jam the bit.



With the use of the HIT-151, a standard 2-1/8" door prep can easily and accurately be retrofitted to accept an Arrow Revolution or Yale Intouch lock in a matter of minutes.

This unit was designed to retrofit locks with 2-3/4" backsets. The use of this fixture for 2-3/8" backsets may be accomplished the following way. Mount the template to the door as usual (the tool will over hang the door edge 3/8"). Next with the use of a combination square, square the template to the door and tighten the allen bolt. The template is now in proper alignment for use.



The HIT-151 set consists of both inside and outside drill guides. All required holes are lined with hardened bushings.

On the inside of the template set are alignment washers. They will drop into the existing cross bore and align the guide to the door.



Use the supplied 3/8" socket cap screw to fasten both templates together. Just snug the two plates together.



Start by drilling the two post holes. They will require a 5/16" twist drill. Drill the two holes half way from both sides of the door. When drilling, back the drill out several times to help remove chips. Drill both top and bottom holes.



Are you wearing your safety glasses??



The lock you are installing uses anchor plate lugs, they can be installed by drilling two 5/32" holes using the bushings at 3:00 and 9:00 on both sides of the door. Drill to about 1/4" depth. You may need to notch these holes with a file on a steel door.





The last hole that is needed is the 3/4" through hole. In the picture we are using a hole saw. Be sure to use a slow speed and back the hole saw out from time to time to clear saw dust. You can use a twist drill on both wood or steel doors or a brad point bit on wood doors only.



When all holes have been completed, remove the HIT-151 drill guide from the door.

**Completed lock prep.
Install lock per
manufacturers directions.**

**That's all there
is to it!**



Visit our web site at www.majormfg.com for more information on lock templates and a complete listing of all the tools we have available. While there, sign up for our newsletter and we will email new product information directly to you.