

BackSaver Installation Manual



Backsaver Patent #7617885

Patent Pending Adaptor 15/333,366

Revolutionize the way you work!

There isn't another tool like this available. Our revolutionary, patented hammer drill attachment will change the way you use a hammer drill forever.

BackSaver highlights:

- Requires less energy while drilling
- Permits application of more pressure while drilling
- Allows for easier, faster and more consistent level drilling
- Increases productivity
- Helps absorb harmful vibration from hammer drill
- Assists in prevention of back injuries

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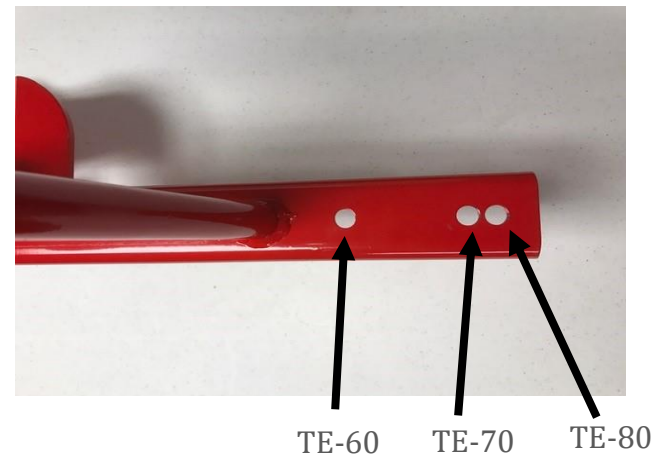
Step 1

Make sure drill is unplugged while attaching the Backsaver!

***Follow all instructions. Failure to comply with instructions could result in serious injuries**

Step 2

Ensuring you have the correct Hilti model, attach the Backsaver with the model specific hole shown in the picture. The first hole shown in picture fits TE-60, then the next hole fits TE-70, and the last hole closest to the edge fits the TE-80



Step 3

Remove Forward Handle (factory handle) from Hilti Hammer drill.



Step 4

Attach BackSaver to the Hilti Drill. Make sure the correct model drill is inserted to the correct hole on the attachment.

***The drill shown is a TE-70 which attaches through the 2nd hole.**



Step 5

Attach the Hilti's Forward Handle as shown in the 1st picture. Then ensure the Washer provided by BackSaver is placed over the Bolt on the BackSaver as shown in the 2nd picture. After the Washer is placed, screw the Hilti Forward Handle back on loosely.

***Do NOT tighten the handle until the end of step 6**



BackSaver Supplied Washer



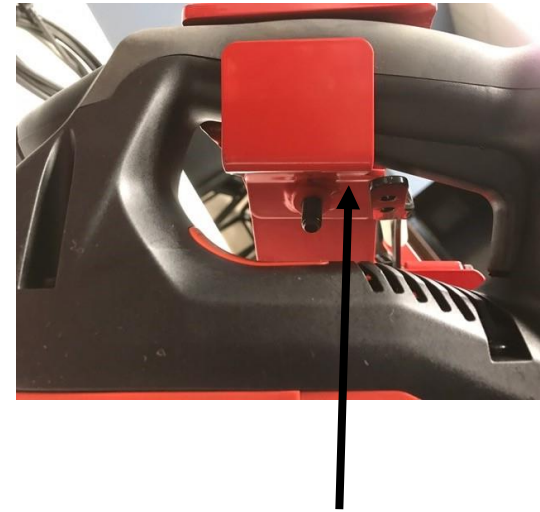
Hilti Forward Handle

Step 6

Attach the Handle Bracket to the drill by securing it with the Hex Bolt and Washer supplied. Ensure the drill is parallel to the top of the base of the BackSaver, as shown in picture below. Make sure the Handle Bracket does not engage the Hilti Trigger when attaching. If it is engaging the Hilti Trigger, the BackSaver will need to be readjusted to ensure the Hilti Trigger is not being engaged by the Handle Bracket. Make sure the BackSaver Trigger is the only item engaging the Hilti Trigger as shown in the picture, not the Handle Bracket.

***Make sure the Handle Bracket is secure at all times in the correct location. If Handle Bracket would become loose, it could activate the Hilti Trigger. Make sure if you see this stop immediately, unplug drill, and realign Handle Bracket.**

****Again make sure the hammer drill is not plugged in at any time while attaching the BackSaver!**



Handle Bracket



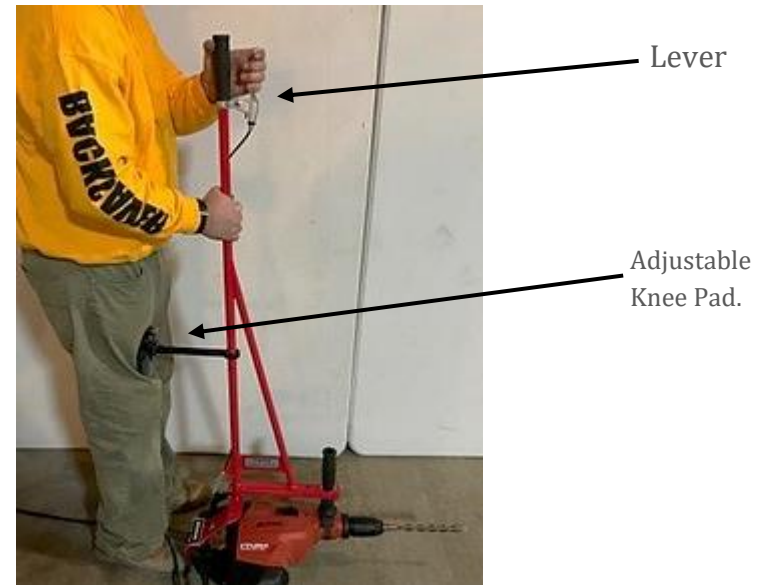
Hex Bolt

Step 7

After you have tightened the bolt and the Forward Handle you are ready to drill with the BackSaver. Remember Safety Pays, ensure you are using the BackSaver properly as shown.

How to properly use the Backsaver:

- Ensure the adjustable Knee Pad is placed on the thigh in a comfortable position. Right above the knee is the best location for the Knee Pad.
- Make sure the BackSaver is used with both hands.
- The BackSaver is for horizontal drilling.
- Place the drill bit at the desired location and apply pressure using the Knee Pad.
- Do not pull the Lever until the drill is firmly pressed against the concrete.
- Make sure the BackSaver and drill are level to drill accurately.
- Make sure the drill is engaged while retracting the drill, once drilling is complete.



BackSaver

Disclaimer and Warranty

DISCLAIMER:

- Caution: This product is to be used for stand-up drilling into slabs at grade level horizontally ONLY. Any other use could result in serious injury.
- Please follow instructions carefully; failure to comply with instructions could result in serious injury.
- Be sure ON/OFF switch is OFF before plugging in drill.
- Maintain Backsaver with care.
- Stay Alert – Watch what you are doing and be aware of your surroundings when operating any power tool.
- To ensure proper use of this tool follow the disclaimer in Step 6.
- The BackSaver should be used in compliance with Hilti Drill Manufacturers' instructions.
- Unattended BackSavers should be laid flat on the ground and unplugged while not in use.
- The drill bit should not be handled at any time while the drill is plugged in.

90 DAY LIMITED WARRANTY:

- If inspection shows a problem with the Hilti BackSaver that is caused by manufacturers' defect of material, we will repair or (at our discretion) replace without charge.
- Warranty does not apply where:
 - ✓ Hilti BackSaver has been abused; misused or improperly maintained
 - ✓ Alterations have been made to the Hilti BackSaver
 - ✓ Repairs are required because of normal wear and tear

Thank you for purchasing Backsaver

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(Your back thanks you!)