

BackSaver Installation Manual



BackSaver for

 **BOSCH**

Makita

www.hammerdrillattachment.com

Phone # 618-797-6078

Patent# 7617885 Patent Pending Adaptor#15/333,366

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BACKSAVER



Step 1

Make sure drill is unplugged or the battery is disconnected while attaching the BackSaver!

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

Step 2

Once you have ensured you have the correct Makita or Bosch hammer drill model, attach the BackSaver with the model specific hole shown in the pictures. The top two pictures will fit the Makita models HR4041C, HR4013C, HR4002 and the Bosch 540S and 540M. The bottom picture will fit the Bosch models 11264 SDS and the 11265 Spline.

Makita Models



HR4041C, HR4013C, and HR4002

BOSCH MODELS



Bosch 540M and 540S



Bosch11264SDS and 11265S

Step 3

Remove Forward Handle (factory handle) from Makita/Bosch Hammer drill.



Provided Foam piece for Makita models



Insert into Makita Handle Guard



Step 4

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



Foam allows for bolt to stay in place.

Step 5

Attach the Makita/Bosch's Forward Handle as shown in the 1st picture. Then ensure the Washer provided by BackSaver is placed over the Bolt (*note washer is only provided for the Bosch models*) on the BackSaver as shown in the 2nd picture. After the Washer is placed, screw the Makita/Bosch Forward Handle back on loosely.

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



BackSaver Supplied Washer
(For Bosch Models Only)

Makita/Bosch
Forward
Handle



Step 6

Attach the Handle Bracket to the drill by securing it with the Hex Bolt and Washer supplied. Make sure the Handle Bracket does not engage the Makita/Bosch trigger when attaching. If it is engaging the Makita/Bosch trigger, the BackSaver will need to be readjusted to ensure the Makita/Bosch trigger is not being engaged by the Handle Bracket. Make sure the BackSaver Trigger is the only item engaging the Makita/Bosch 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 Makita/Bosch trigger. Make sure if you see this stop immediately, unplug drill, and realign Handle Bracket.**

****Again, make sure the hammer drill is unplugged or the battery is disconnected 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.

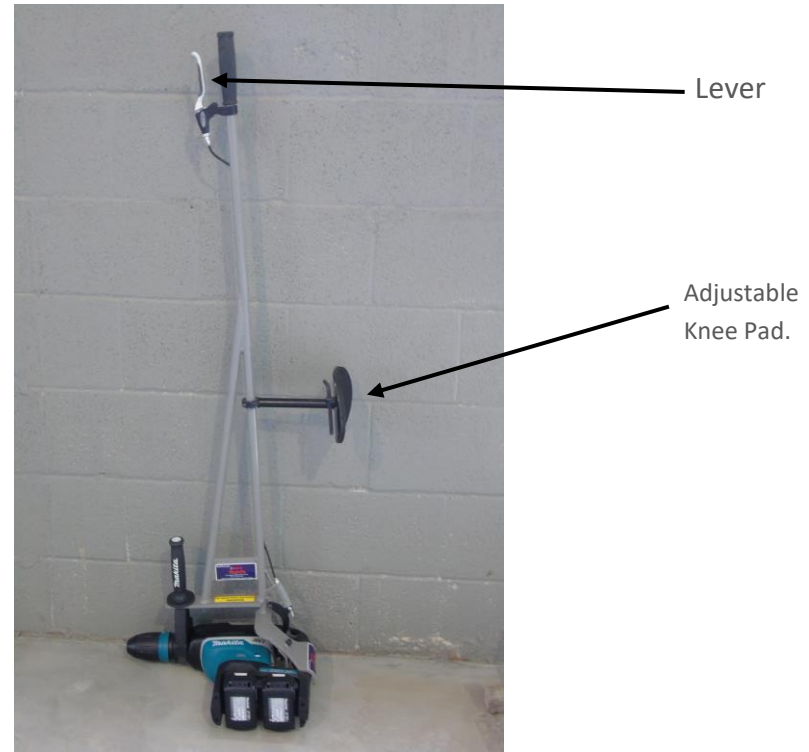


**BACKSAVERS ARE AVAILABLE FOR THE FOLLOWING
DRILLS**

- HILTI
- BOSCH
- DEWALT
- MAKITA

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

Thank you for purchasing BackSaver

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(Your back thanks you!)

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

Contact Us

4401 Highway 162

Granite City, IL 62040

Phone: (618) 797-6078

Email: backsaver@hammerdrillattachment.com

Web: www.hammerdrillattachment.com