

BackSaver Installation Manual



DEWALT - V2.1



Patent# 7617885

Patent Pending Adaptor# 15/333,366



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BACKSAVER



Warning: Make sure the 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 1

Using provided 5/16" allen wrench on the knee pad, remove the handle bracket.



Step 2

Remove forward handle rubber grip (factory) from Dewalt hammer drill.



Step 3

Remove plastic cover on bottom section of Dewalt forward handle to expose the metal band. Insert provided foam piece into metal band to secure the bolt of the forward handle. Replace plastic cover of the bottom section of Dewalt forward handle. Place the provided yellow washer on top of bottom section of Dewalt forward handle.

Step 4

Ensuring a compatible model of the Dewalt Hammer Drill is being used, attach the BackSaver by lowering the BackSaver onto the drill with the bolt of the Dewalt forward handle through the coordinating hole of the BackSaver.



Provided Foam Piece



The Foam Piece is provided to allow the bolt to stay in place.



Yellow Washer Placement



Forward Handle Bolt

Step 5

Attach the Dewalt forward handle rubber grip as shown in the photo. Screw the Dewalt forward handle rubber grip back on loosely.

***Do NOT tighten the handle until the end of Step 6!**



Dewalt 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 Dewalt trigger when attaching. If it is engaging the Dewalt trigger, the BackSaver will need to be re-adjusted to ensure the trigger is not engaged by the handle bracket. Make sure the BackSaver trigger is the only item engaging the Dewalt trigger; not the handle bracket.

****Make sure the handle bracket is always secure in the correct location. If the handle bracket would become loose it could activate the Dewalt trigger. Make sure if this happens, STOP IMMEDIATELY, unplug the drill, or remove the battery, and re-align the handle bracket.**

****Again, make sure the hammer drill is unplugged or the battery is disconnected while attaching or adjusting parts on the BackSaver!**



Handle Bracket

Step 7

Tighten the Dewalt forward handle rubber grip and hex bolt.

Step 8

After tightening the hex bolt and the Dewalt forward handle rubber grip, the BackSaver is ready for use. Remember, "Safety Pays". Ensure proper use of the BackSaver as described and shown.



Dewalt Forward Handle

How to properly use the BackSaver:

- The BackSaver is for horizontal drilling only.
- Make sure the BackSaver is used with both hands.
- Ensure the adjustable knee pad is placed on the thigh in a comfortable position. Right above the knee is generally the optimal location for the knee pad.
- 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.
- To drill accurately, make sure the BackSaver and drill are level.
- Once drilling is complete, make sure the drill is engaged while retracting from the hole.
- Release the lever immediately once the drill is removed from the hole.





BACKSAVERS ARE AVAILABLE FOR THE FOLLOWING DRILLS

- HILTI
- BOSCH
- DEWALT
- MAKITA

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.
- Do not attach the BackSaver or adjust parts on the BackSaver while connected to a power source.
- If drill is equipped with an ON/OFF switch, be sure it is in the OFF position before connecting to the power source. Also, be sure trigger is not engaged before connecting to the power source.
- Certain model drills are equipped with trigger locks; on such drills, be sure trigger is not engaged in locked position before, during or after attachment of the BackSaver.
- Do not use the trigger lock option when operating a hammer drill with the BackSaver attached.
- Operate the BackSaver with care and caution.
- Maintain the BackSaver regularly.
- Stay Alert – Watch and be aware of the surroundings when operating any power tool.
- To ensure proper use of the BackSaver, follow the disclaimer in Step 6.
- The BackSaver and drill should be used in compliance with the Drill Manufacturers' instructions.
- Unattended BackSavers should be laid flat on the ground and the power source should be disconnected.
- Regardless of the BackSavers' attachment to the drill, the drill bit should not be handled at any time while the drill is in use, while the drill bit is still turning or while the drill is connected to a power source.

90 DAY LIMITED WARRANTY:

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

**Thank you for purchasing a BackSaver
&
(Your back thanks you also!)**

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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