

3632-HT3-15

USER INSTRUCTIONS



Melfred Borzall housings are built to last. They are machined from high quality, 4340 alloy steel and feature contoured pockets to eliminate stress concentrations, reducing the risk of cracking. Our unique lid design allows for larger locking bolts, keeping your investment safe in tough conditions. We've also made our housings easy to use by engraving the direction of drilling and the part number for easy identification. Include the one-of-a-kind super nozzle which sprays in the off of centerline to aid steering and you've got the top of the line. Here at Melfred Borzall, we've thought of everything; so you don't have to.

Important! Read and understand the manufacturer's manual(s) for the directional drilling machine, locating equipment and all attachments including additional safety manual(s) provided with this tool.



Danger!

Do not use a pipe wrench to remove directly coupled tools. The rod could rotate causing the device to strike you causing serious injury or death.



Danger!

Stay clear of rotating drill stem and tooling. You can become caught in the rotating drill stem or tooling causing serious injury or death.



Danger!

Do not wear loose clothing. Loose articles of clothing can become tangled around the drill stem or tooling causing serious injury or death.



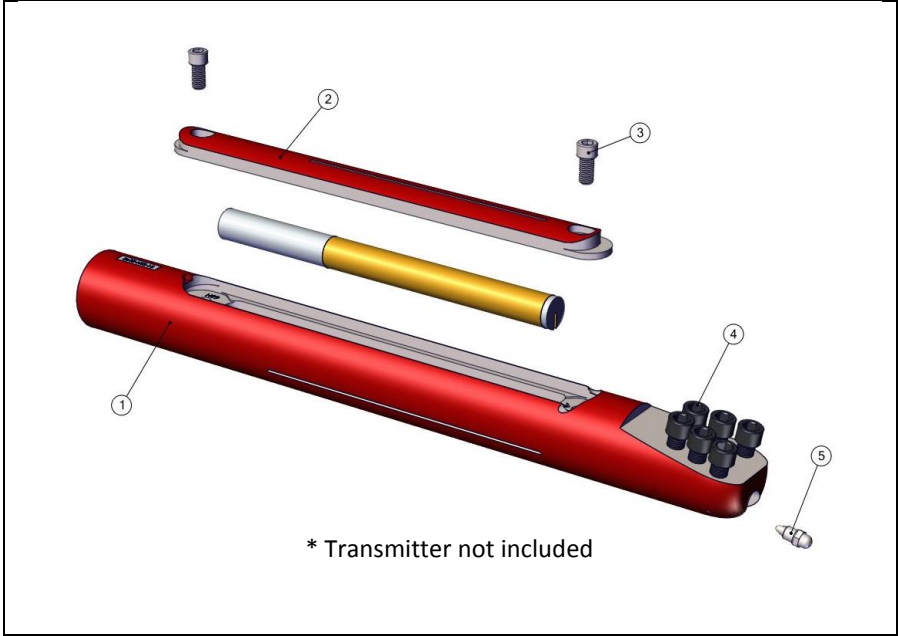
Call before you dig – dial 811
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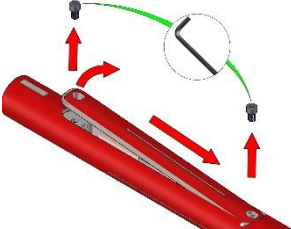

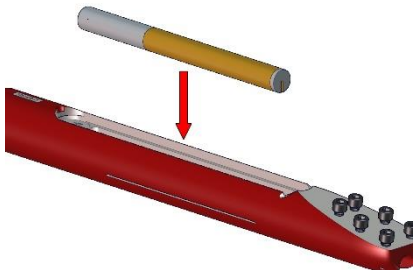
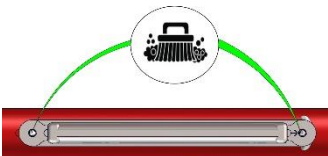
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In The Box

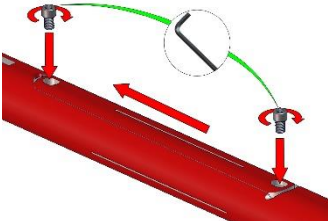
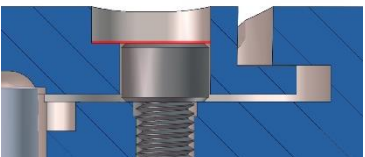



ID	Part Number	Description	REQ	SPARE
1	3632-HT3-15	Premium Sonde Housing	1	-
2	3632-HT3-13-CP	Sonde Pocket Cover Plate	1	-
3	SHCS-1/2X1	1/2x1 Socket Head Cap Screw	2	2
4	SHCS-16MMx35MM	M16x35mm Socket Head Cap Screw	6	-
5	1600-1712	Super Nozzle	1	-
-	AW-14MM	14mm Allen Wrench	-	1
-	AW-3/8	3/8" Allen Wrench	-	1

USER INSTRUCTIONS

<p>1. Lock out the drilling machine, following the manufacturer's instructions, before doing any work to tools or drill stem.</p>	 A black and white icon of a padlock with a keyhole, and a curved arrow above it pointing to the left, indicating a lockout procedure.
<p>2. Remove the lid bolts. Then remove the lid by sliding it forward and prying up from the back.</p>	 A diagram showing a red cylindrical tool with a lid. Red arrows indicate the lid being slid forward and then prying up from the back. A circular inset shows a hex key being used to remove a bolt from the lid.
<p>4. Install the directional blade of your choice onto the housing steer face. Tighten each bolt to the recommended torque of 3,600 inch-pounds (400 N-m).</p>	 A diagram showing a red housing with a silver directional blade being attached. Several bolts are shown above the blade, indicating they are used to secure it to the housing.
<p>5. Install the transmitter so that the flat bottom of the front bumper is down. When properly secured, the sonde will fit snugly and resist rotation within the pocket.</p>	 A diagram showing a yellow and white transmitter being inserted into a pocket on the red housing. A red arrow points down, indicating the direction of insertion.
<p>6. Ensure that the bolt holes are completely clear of any debris as unclean holes can prevent bolts from properly securing the lid.</p>	 A diagram showing the red housing with a silver lid. A circular inset shows a brush being used to clean the bolt holes. Green arrows point from the inset to the bolt holes on the housing.

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<p>7. Replace the lid and install the bolts with the provided Allen Wrench. Tighten each bolt to recommended torque of 3,600 inch-pounds (400 N-m). Replace bolts with new after 10 uses.</p>	
<p>8. Ensure that the bolts are properly seated by verifying that the bolt head is level with the machined shelf beside the hole.</p>	
<p>9. To roll calibrate your 750 transmitter:</p> <ol style="list-style-type: none">Place the housing assembly at the 12:00 position.Push and hold the F/A/L/R key and press the depth key for 3 seconds.Continue pressing F/A/L/R key and roll will set to 12:00. <p>See tracker manual for more information.</p>	
<p>10. Begin your bore. Closely monitor sonde temperature to prevent overheating.</p>	
<p>11. When the bore is complete, remove the components from the housing body and clean all parts thoroughly.</p>	