

XII. Pistol customizing



GLOCK Gen4/Gen5/Crossover models Beavertail backstraps – Customizing the frame

GLOCK Gen4, Gen5 and Crossover pistols feature interchangeable Beavertail backstraps to vary the circumference and the shape of the frame (Pictures 44-45). Without a Beavertail backstrap attached, the Gen4, Gen5 and Crossover models have the same frame circumference as the SF models. The medium Beavertail backstrap adds an additional 0.08 in. / 2mm to the circumference of the frame. The large Beavertail backstrap adds 0.16 in. / 4mm to the circumference of the frame. The Beavertail backstraps are enlarged at the top allowing the shooter's hand to better stabilize the pistol.



Available Options

Without Beavertail backstrap	Short Frame
Medium Beavertail backstrap (BT)	Medium Frame (M) + 0.08 in. / 2mm
Large Beavertail backstrap (BT)	Large Frame (L) + 0.16 in. / 4mm

⚠ WARNING Make sure that your GLOCK pistol is unloaded (magazine removed and chamber empty) before changing the Beavertail backstraps.



The Beavertail backstraps (17c/d) are changed as follows. (Note: The part numbers referenced in parenthesis throughout this manual correspond to the list of component parts and exploded drawing on pages 46-51).

1. Remove the trigger housing pin (29/29a) with the disassembly tool (MBS) by pushing it from one side to the other and completely out of the frame (17) (Picture 46).

2. If a Beavertail backstrap is already installed, remove it (Picture 47/48).
3. If you will be installing a Beavertail backstrap, attach it to the frame by hooking the bottom of the Beavertail backstrap to the bottom rear of the frame, then pivoting the top of the Beavertail backstrap forward and onto the frame (Picture 49).
4. If you are installing a Beavertail backstrap press it to the frame, until it clicks onto the small nose of the modular backstrap (MBS/Gen5/Crossover) frame. (Note: The Beavertail backstrap also fits on older Gen4 pistols without the small nose. This nose serves only as an additional fixture). (Picture 50) To ensure the proper fit of the Beavertail backstrap press it to the frame until the holes of the Beavertail backstrap align with the holes of the frame. (Picture 51)
5. If you did not install a Beavertail backstrap, install the short trigger housing pin by pushing it into the corresponding hole in the rear of the frame with the flat side of the disassembly tool until it is completely centered in the frame. If you installed a Beavertail backstrap, hold it in place against the frame while installing the long trigger housing pin by pushing it into the corresponding hole in the rear of the frame with the flat side of the disassembly tool until it is completely centered in the frame (Picture 51).
6. Inspect the pistol to confirm that you have installed the correct trigger housing pin by ensuring that it is flush with the frame. If you installed the long trigger housing pin without a Beavertail backstrap, it will protrude outside of the frame and could cause discomfort while shooting. If you installed the short trigger housing pin with a Beavertail backstrap, it will not fully extend to the sides of the frame and may allow the Beavertail backstrap to come loose.

