

SRX & EVOLVE SERIES BOTTOM



SRX 113
XC use only



Evolve XC 113
XC use only



Evolve FR 113
Freeride use



Evolve DH 118
DH/DS use

COMPATIBILITY:

Frame BB Shell: English threaded bottom bracket shells. (BC 1.37x24T - left hand thread on drive side / right hand thread on non-drive side) with either 68mm (using included 2.5mm spacer) or 73mm (without spacer) bottom bracket shell widths.

Note: The SRX and Evolve series bottom brackets have a large diameter shell; frames with bolts or rivets that protrude into the inside of the BB shell, or with a BB shell where the inside diameter reduces below 33.7mm beyond the threaded portion will interfere with the fit of the bottom bracket. Contact the frame manufacturer before modifying.

E-Type BB Mount Front Derailleurs: On a 68mm BB shell you can use an E-type derailleur by not installing the spacer. Will not work with 73mm shells.

BB Mount DH Chain Guide (Chain tensioning) Systems: The Evolve FR and Evolve DH are compatible with most chain guides. However, depending on the combination of all your parts, the chainline and/or crank arm-to-chainstay clearance may be less than ideal, or may not work (see Chainline Adjustments, below).

WARNINGS AND PRECAUTIONS:

- Do not alter, modify, disassemble or substitute ANY parts without first contacting your Race Face dealer or Race Face directly
- Generously grease the splines and the threads inside the spindle before installing cranks
- The drive side cup tightens counter-clockwise
- If you don't fully understand these instructions have a professional bike shop install the bottom bracket or contact Race Face

TOOLS REQUIRED:



A) Bottom bracket tap with facing tool (recommended)

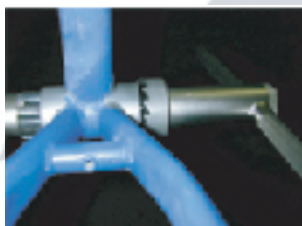
B) Waterproof grease

C) Race Face ISIS BB installation tool (available from Race Face dealers)

Note: "Shimano Type" tools do not fit, however, the Race Face tool will also fit all other types of 20-tooth cups.

D) Torque wrench with 8mm Allen head socket (preferred)

INSTALLATION:



1. Chase and face bottom bracket shell - recommended. This should be performed by a professional bike shop.



2. Apply a film of grease to the threads inside the BB shell to prevent seizing or galling.



3. Thread the non-drive side cup clockwise three to four turns by hand.



4a. **68mm shell:** Slide the included 2.5mm spacer over the spindle assembly so it rests against the flange of the drive side cup.



4b. **73mm shell:** Do not use the spacer.



4c. **E-type derailleur:** Slide your derailleur over the spindle assembly.

INSTALLATION CONTINUED:



4d. **Chain guide:** Slide your chain guide and any spacers required (see Chainline Adjustments below) over the spindle assembly.

Note: Follow your chain guide manufacturer's instructions. If they differ significantly from these please contact either the manufacturer or Race Face.



5. Thread the bottom bracket assembly in counter-clockwise and torque drive side cup to 35 ft-lb.



6. Tighten the non-drive side cup until it comes to a dead stop. Check that the cup is torqued to 35 foot-pounds.

CHAINLINE:



When installed with a Race Face crankset, a 48.5 to 49.5 mm chainline is required for optimal shifting.

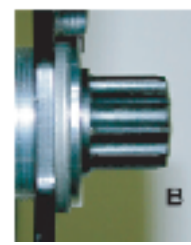
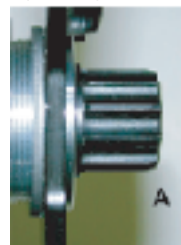
CHAINLINE ADJUSTMENTS:

You should not need to adjust the chainline with the SRX or Evolve series bottom brackets. However, if you are having shifting problems, you can add or remove spacers behind the flange of the drive side cup (see Installation step 4 for details). There is a 2.5mm spacer included, but we recommend adjusting chainline by increments of 0.5mm to 1.0mm. Your local bike shop should have generic bottom bracket spacers available for purchase.

When using a Chain Guide System

Increase the chainline in one or more of these ways:

1. Install spacer(s) as follows to increase the chainline by their thickness.
(A) between the chain guide and the frame to increase the chainline while maintaining the chain guide-to-chainring spacing OR (B) between the chain guide and the drive side cup to increase both the chainline and the chain guide-to-chainring spacing.



2. If you have the Evolve FR, buy an Evolve DH; it is longer.

Note: If the crank arm-to-chainstay clearance is good but the chainline is too long, Race Face manufactures special outer chainring tabs for the North Shore DH crank that offset the middle position chainring 2mm inboard.

MAINTENANCE:

The SRX and Evolve series bottom brackets are designed to be maintenance-free. If you ride in extremely wet or dusty conditions you may remove the bottom bracket from the frame and wipe water and grit from the exposed surfaces, however, do not attempt to disassemble. Disassembly will damage multiple components of the bottom bracket and void all warranties.

IMPORTANT: CHECK THE WARRANTY INFORMATION AT RACEFACE.COM OR ASK YOUR LOCAL RACE FACE DEALER.



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