

# X1 Pro Gen 2 Bottom Bracket Conversion

Kindly note that BB conversions are split into two main categories:

1. With standard freewheel
2. With Freewheel 2.0

There are 4 kinds of mounting brackets:

- Left mounting bracket:
  - L1: suitable to 68-83mm and BB92 bottom bracket
  - L2: suitable to 100mm, BB107-109 and 120mm bottom bracket (with different spacers)
- Right mounting bracket:
  - R1: suitable to 68-83mm, 100mm, & 120mm version
  - R2: suitable to BB92 & BB107/109 version

There are 2 kinds of hangers:

- H1: suitable to 68-83mm & BB92
- H2: suitable to 100mm & BB107/109 (hanger excluded for 120mm version)

There are 2 kinds of Freewheel 2.0 spacers:

- 6.3mm for BSA
- 11mm for PF

## X1 Pro Gen 2 BB Conversion for Standard Freewheel

From To	68-83mm	BB92	100mm	BB107/109	120mm
68-83mm		<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ R1</li> <li>▪ Freewheel spacer</li> </ul>	<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ L1</li> <li>▪ H1</li> </ul>	<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ L2</li> <li>▪ R1</li> <li>▪ Freewheel spacer</li> <li>▪ H1</li> </ul>	<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ L1</li> <li>▪ H1</li> </ul>
BB92	<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ R2</li> <li>▪ Remove freewheel spacer</li> </ul>		<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ L1</li> <li>▪ R2</li> <li>▪ Remove freewheel spacer</li> <li>▪ H1</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ L1</li> <li>▪ L1 spacers for BB92</li> <li>▪ H1</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ L1</li> <li>▪ R2</li> <li>▪ Remove freewheel spacer</li> <li>▪ H1</li> </ul>
100mm	<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ L2</li> <li>▪ L2 spacers for 100mm</li> <li>▪ H2</li> </ul>	<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ L2</li> <li>▪ L2 spacers for 100mm</li> <li>▪ R1</li> <li>▪ Freewheel spacer</li> <li>▪ H2</li> </ul>		<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ R1</li> <li>▪ Freewheel spacer</li> </ul>	<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ L2 spacers for 100mm</li> <li>▪ H2</li> </ul>
BB107/ 109	<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ R2</li> <li>▪ L2</li> <li>▪ L2 spacer for BB107-109</li> <li>▪ Remove freewheel spacer</li> <li>▪ H2</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ L2</li> <li>▪ L2 spacer for BB107-109</li> <li>▪ H2</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ R2</li> <li>▪ Remove freewheel spacer</li> </ul>		<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ R2</li> <li>▪ Remove freewheel spacer</li> <li>▪ H2</li> </ul>
120mm	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ Remove hanger</li> </ul>	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ R1</li> <li>▪ Freewheel spacer</li> <li>▪ Remove hanger</li> </ul>	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ Remove hanger</li> </ul>	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ R1</li> <li>▪ Freewheel spacer</li> <li>▪ Remove hanger</li> </ul>	

## X1 Pro Gen 2 BB Conversion for Freewheel 2.0

From To	68-83mm	BB92	100mm	BB107/109	120mm
68-83mm		<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ R1</li> <li>▪ 6.3mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>	<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ L1</li> <li>▪ H1</li> </ul>	<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ L2</li> <li>▪ R1</li> <li>▪ H1</li> <li>▪ 6.3mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>	<ul style="list-style-type: none"> <li>▪ 68-83mm BB</li> <li>▪ L1</li> <li>▪ H1</li> </ul>
BB92	<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ R2</li> <li>▪ 11mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>		<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ L1</li> <li>▪ R2</li> <li>▪ H1</li> <li>▪ 11mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>	<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ L1</li> <li>▪ L1 spacers for BB92</li> <li>▪ H1</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB92 BB</li> <li>▪ L1</li> <li>▪ R2</li> <li>▪ H1</li> <li>▪ 11mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>
100mm	<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ L2</li> <li>▪ L2 spacers for 100mm</li> <li>▪ H2</li> </ul>	<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ L2</li> <li>▪ L2 spacers for 100mm</li> <li>▪ R1</li> <li>▪ H2</li> <li>▪ 6.3mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>		<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ R1</li> <li>▪ 6.3mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>	<ul style="list-style-type: none"> <li>▪ 100mm BB</li> <li>▪ L2 spacers for 100mm</li> <li>▪ H2</li> </ul>
BB107/ 109	<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ R2</li> <li>▪ L2</li> <li>▪ L2 spacer for BB107-109</li> <li>▪ H2</li> <li>▪ 11mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>	<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ L2</li> <li>▪ L2 spacer for BB107-109</li> <li>▪ H2</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ R2</li> <li>▪ 11mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>		<ul style="list-style-type: none"> <li>▪ BB107/109 BB</li> <li>▪ R2</li> <li>▪ H2</li> <li>▪ 11mm FW spacers</li> <li>▪ <a href="#">Video link</a></li> </ul>
120mm	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ Remove hanger</li> </ul>	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ R1</li> <li>▪ Remove hanger</li> <li>▪ <a href="#">Video link</a></li> </ul>	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ Remove hanger</li> </ul>	<ul style="list-style-type: none"> <li>▪ 120mm BB</li> <li>▪ L2 Spacers for 120mm</li> <li>▪ R1</li> <li>▪ Remove hanger</li> <li>▪ <a href="#">Video link</a></li> </ul>	