

Chain Selection Guide

1. To understand what chain you may need and how many links you will need to cut it to, please refer to the guide below:

Matrix 1 + Matrix 2 = the final chain type and length

For example:

*A 4 speed P line with a 54 tooth chainring = **9/10 speed, 104 link Chain***

2. Once you have the correct chain, you will then need to remove the correct number of links to the right length

We sell a 102 link, 7 speed chain (Q10006) & and a 106 link, 9/10 speed chain (Q102696)

in the above example, where 104 link chain is suitable - you will need to purchase a 106 link, 9/10 speed chain (Q102696) and remove 2 links

1.Chain Length Matrix

Based on the Factory fitted sprocket sizes

Number of Gears	Size Of Chainring			
	44 Tooth	50 Tooth	54 Tooth	56 Tooth
1	96	98	100	102
2	98	100	102	
3	96	98	100	
4		102 Or 106 for G line	104	106
6	98	100	102	
8			114	
12		102	104	

2.Chain Type Matrix

Number of Gears	Bike Type					
	A	C	P	T	G	Pre 2022 Bikes
1		7 Speed (Q10006)	9/10 Speed (Q102696)	9/10 Speed (Q102696)		7 Speed (Q10006)
2		7 Speed (Q10006)				7 Speed (Q10006)
3	7 Speed (Q10006)	7 Speed (Q10006)				7 Speed (Q10006)
4		9/10 Speed (Q102696)	9/10 Speed (Q102696)	9/10 Speed (Q102696)	9/10 Speed (Q102696)	
6		7 Speed (Q10006)				7 Speed (Q10006)
8					9 speed (Q103669)	
12		9/10 Speed (Q102696)	9/10 Speed (Q102696)	9/10 Speed (Q102696)		

We have also included a sprocket matrix, to cross check the chain length we are prescribing will be correct for the Brompton you are servicing.

3.Sprocket Matrix

(number of teeth per sprocket)

Number of Gears	Sprocket number			
	1	2	3	4
1	12			
2	12	16		
3	13			
4	11	13	15	18
6	13	16		
8	20			
12	11	13	15	18

All 1,2,3 & 6 speed bikes produced since December 2011 use the narrow (3/32") chain, older bikes may use a wider (1/8") chain.

All 4 and 12 speed bikes produced will fit a 9 or 10 speed chain.

- Use 3/32" chain when both chainring and sprocket(s) are 3/32"
- 1/8" chains should be used with 1/8" sprockets and chainwheels
- It is highly recommended that sprockets are replaced when fitting a new chain

Brompton builds and recommends the use of SRAM chains when carrying out this replacement. We cannot guarantee the performance, reliability or safety of other brands on our gearing systems.

Always check your bike folds and unfolds, as well as changes through all the gears before riding!