## **NSC MTB COMPATIBILITY GUIDE**





## **GROUPSET**

**NSC COMPATABILITY WORKSHEET** 

### SHIMANO

Within the MTB segment, Shimano use two standards across their groupsets. For their 8,9,10, or 11 speed setups they use a 'HyperGlide' (HG) free body. These are the most common driver formats around.

Shimano 12 speed setups can vary - these many be a standard 'HyperGlide' setup or a less common 'Micro Spline' setup.

### **NSC** compatibility:

We can support all Shimano MTB setups, however we need to fit the right groupset driver, whether this is HG or Micro Spline.

### **SRAM**

SRAM utilise both HyperGlide and XD free bodies across their MTB groupsets. For both 11 and 12 speed SRAM setups, it can be either HG or XD. (AXS)

An easy way to check is to count the number of teeth on the smallest sprocket. 10 teeth means XD, 11 teeth means HG.

### **NSC** compatibility:

SRAM compatibility is not an issue for us, however we need to fit the right groupset driver, whether this is XD or HG.

# **HUB SYSTEM**

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### **NON-BOOST**

For a long time, 'non-boost' hub widths were common on most MTB setups, in both quick release and thru axle formats.

NSC does not stock non-boost variants of

our MTB wheels, but these are available.

Note if your setup is non-boost, it could

have a quick-release locking system too.

Front: 15mm x 100mm Rear: 12mm x 142mm (Diameter, width)

**NSC** compatibility:

### **BOOST**

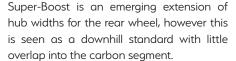
For mid-range and higher spec XC, trail and enduro bikes, 'Boost' width hubs with thru axles are now the norm.

Front: 15mm x 110mm Rear: 12mm x 148mm (Diameter, width)

### **NSC** compatibility:

All NSC MTB wheels are boost width with thru axel compatibility as standard.

### **SUPER-BOOST**



Rear: 12mm x 157mm (Diameter, width)

### **NSC** compatibility:

NSC does not currently have a Super-Boost variant available, however we are always listening to what the market requires!

## **BRAKING SYSTEM**

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### 6 BOLT DISC

6 bolt rotors are most common across MTB disc brake setups.

### **NSC** compatibility:

NSC MTB wheels come fitted with 6 bolt hubs as standard.

### **CENTRE-LOCK DISC**

Centre lock rotors are less common, but emerging on new MTB setups.

### **NSC** compatibility:

NSC MTB wheels come fitted with 6 bolt hubs as standard. Please let us know if you require a centre-lock setup, it will most likely require a custom hub setup, otherwise new rotors might be the order!

## WHEEL DIMENSION

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### 26"

### 27.5"

### **NSC** compatibility:

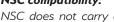
Yes, NSC carries 27.5" MTB variants.

### 29"

### **NSC** compatibility:

Yes, NSC carries 29" MTB variants..

**NSC** compatibility:



NSC does not carry a 26" MTB wheelset unfortunately.

Document key: No compatability issues, ride away!

Potential for compatability issues, investigate further.

Compatability issues likely, discuss your options with NSC first.