



Wheel Lacing Information

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I do not lace up wheels, but send them off to the experts at Buchanan's in California (626) 969-4655, so I do not have the practical knowledge that comes from actually lacing up lots of wheel, but I will list what I do know about Commando wheel lacing and show pictures of properly laced wheels.

Commando Front Disc Wheel

The front disc rim to hub offset is approximately 1.4". The hub is approximately 4.5" wide and the edges of the rim are the same distance from both ends of the hub. For the WM3 shouldered Excel rim, .3" of the hub sticks out past the outside edge of the rim on both sides. We will be calling the center of the hub the center between the two spoke flanges, not the center between the two ends. The distance of the disc side of the hub to the center of the hub is approximately 2.95", where the distance from the non-disc side of the hub to the center is 1.55". This means that the center of the hub is moved in the non-disc direction 1.4".

You will also notice that on both sides the spokes cross over three spokes going in the other direction on the same spoke flange.



Commando Front Disc, Non-Disc Side.



Commando Front Disc, Disc Side.

Commando MK3 rear Disc Wheel

You will notice that the disc side spokes cross over three spokes going in the other direction on the same spoke flange, but the non-disc side only crosses over two spokes.



Commando MK3 Rear, Disc Side.



Commando MK3 Rear, Non-Disc Side.

Commando Front Drum Wheel

You will also notice that on both sides the spokes cross over two spokes going in the other direction on the same spoke flange.



Commando Front Drum, Drum Side.



Commando Front Drum, Non-Drum Side.

Commando Rear Drum Wheel

The early Commando non-cush-drive rear drum hub is offset about 1/8" to the right and the later Commando cush-drive hub is offset about 3/16" to the right. You will also notice that on both sides the spokes cross over two spokes going in the other direction on the same spoke flange.



Commando Rear Drum, Drum Side.



Commando Rear Drum, Non-Drum Side.