

FX SERIES TECHNICAL MANUAL



» INTRODUCTION

FX SERIES

Congratulations on purchasing an FX Series. As with all of our bikes and components, our aim is to provide the rider with the best product and riding experience. Read this manual supplement thoroughly, as it's to help you set your bike up correctly, and care for it.

For further information, visit:
FELTBICYCLES.COM

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Bottom Bracket Cable Guide Routing 11-18

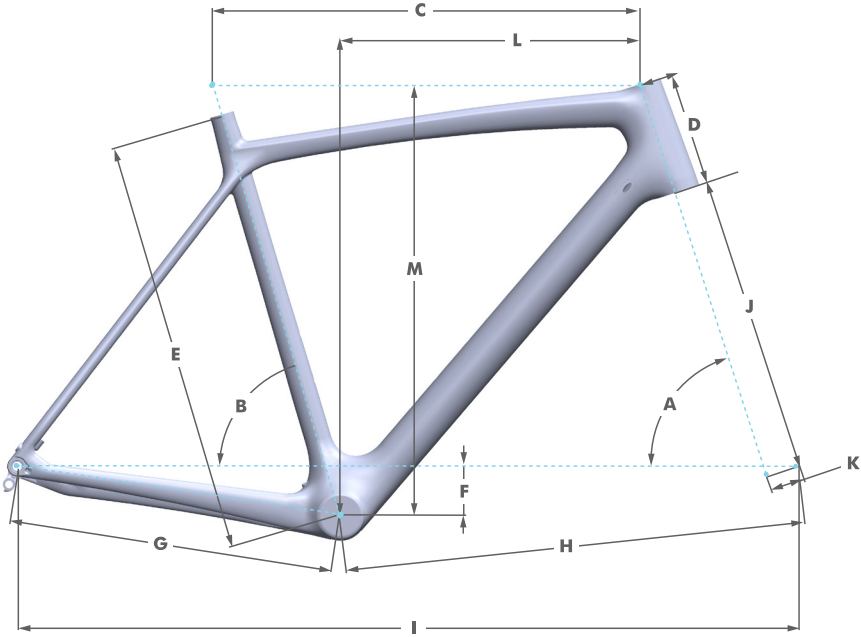
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» GEOMETRY



	47	50	53	55	57	60	Size
A	70.5	70.5	71	72	72	72	Head Tube Angle
B	75.5	74.5	73.5	73.5	73.5	73.5	Seat Tube Angle
C	515	530	545	565	580	600	Top Tube Horizontal
D	110	120	130	150	170	190	Head Tube
E	470	500	530	550	570	590	Seat Tube
F	65	65	65	65	65	65	BB Drop
G	430	430	430	430	430	430	Chain stay
H	599	604	605	611	626	647	Front Center
I	1022	1028	1029	1033	1048	1068	Wheelbase
J	393	393	393	393	393	393	Fork Length
K	50	50	50	45	45	45	Fork Offset
L	380	382	384	397	406	420	Reach
M	523	533	544	568	587	607	Stack

» HEAD TUBE CABLE GUIDES

The head tube cable guides contain rubber reducers for all cable sizes that are interchangeable and can be arranged to fit each rider's setup and personal preferences.



Di2 (2mm)



Shift (4mm)



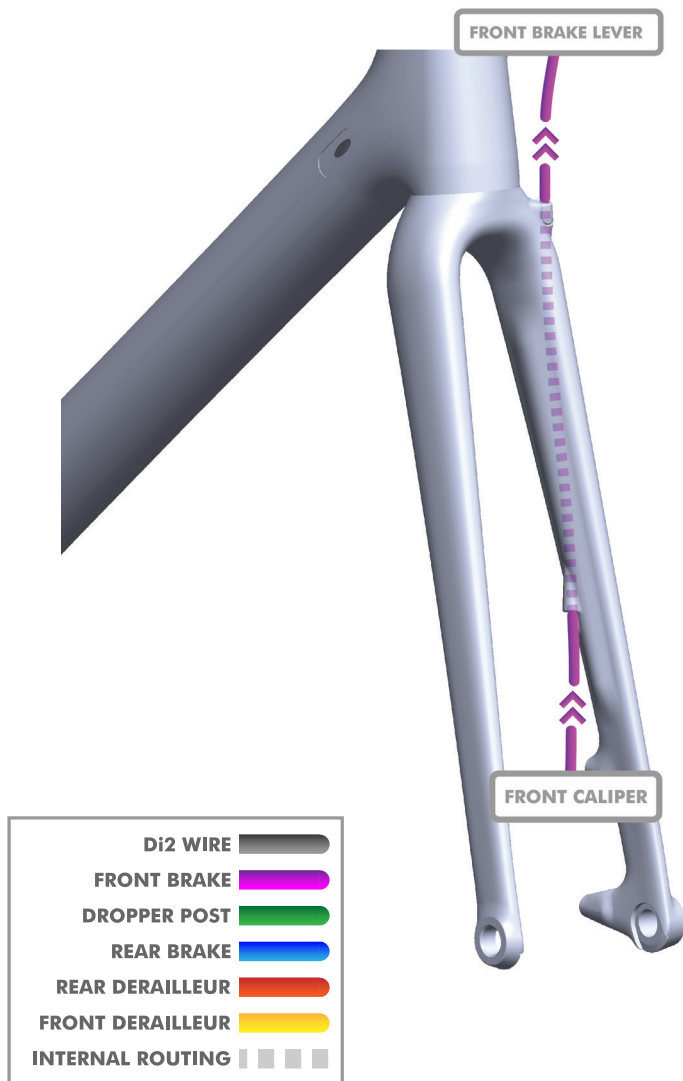
Brake (5mm)



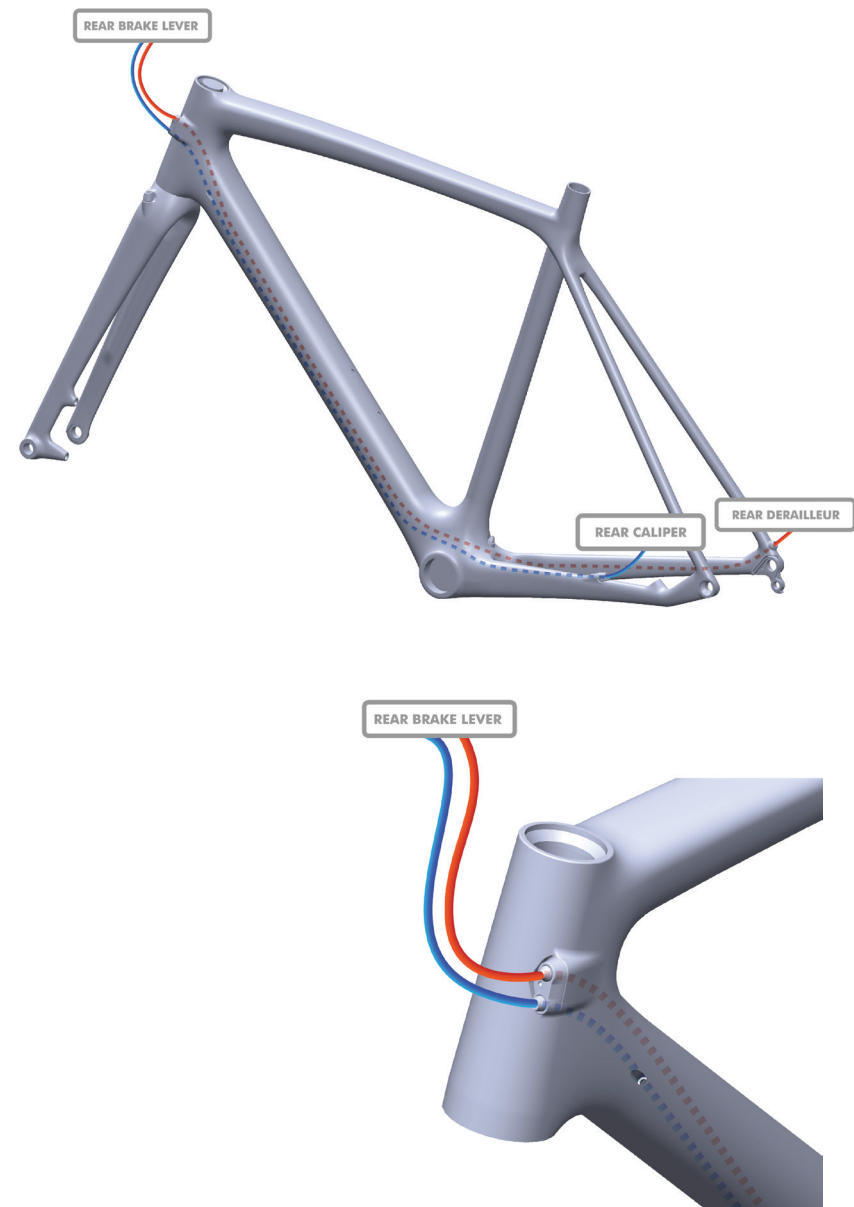
Blank Plug

» ROUTING FRONT BRAKE

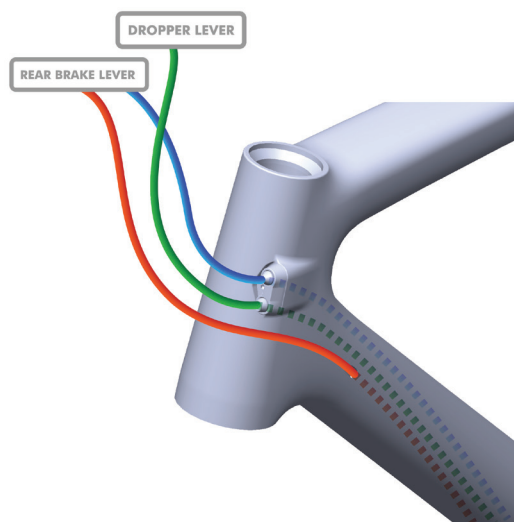
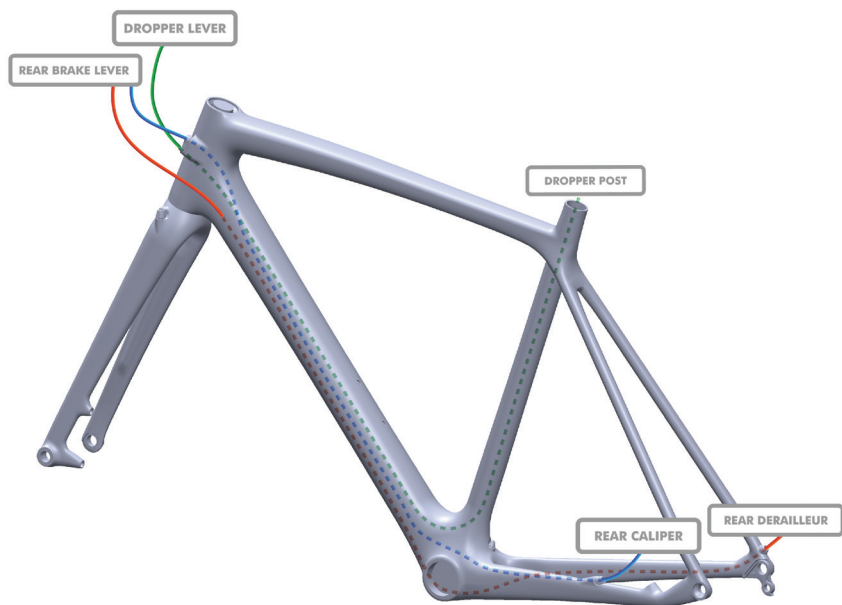
It is best to route the cable from the bottom up. Begin by inserting the end of the cable into the lower hole, feeding the cable through the fork blade toward the upper hole.



» ROUTING 1x11 FULL HOUSING

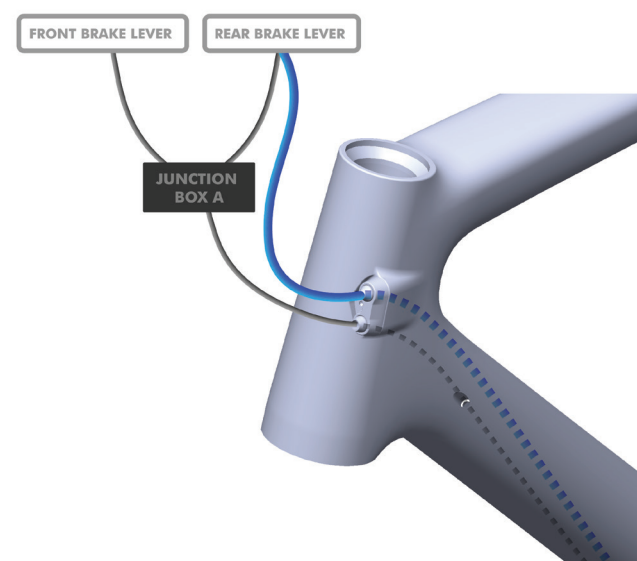
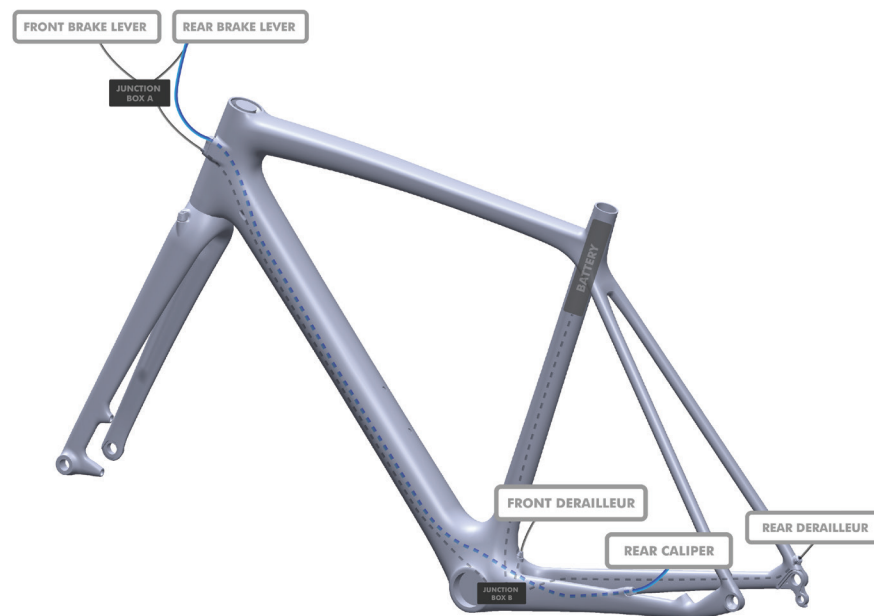


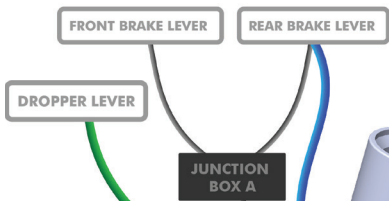
» ROUTING 1x11 w/ DROPPER POST



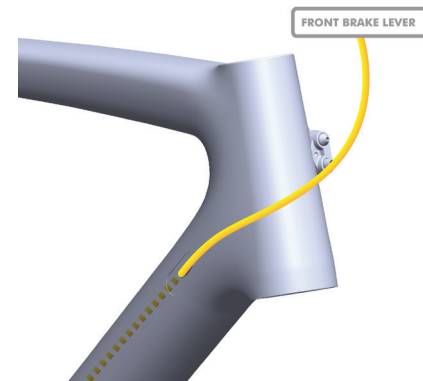
DI2 WIRE	
FRONT BRAKE	
DROPPER POST	
REAR BRAKE	
REAR DERAILLEUR	
FRONT DERAILLEUR	
INTERNAL ROUTING	

» ROUTING Di2 2x11

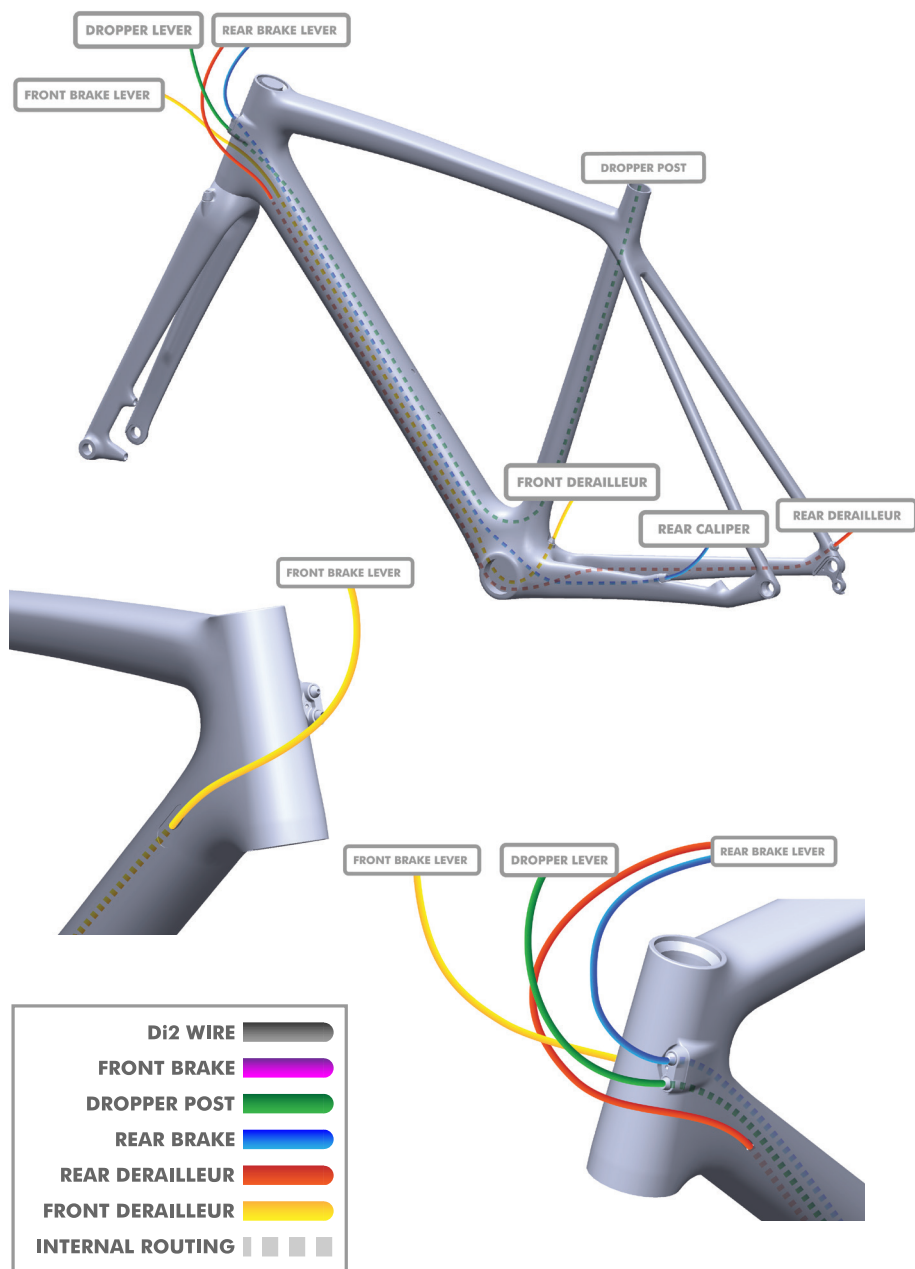




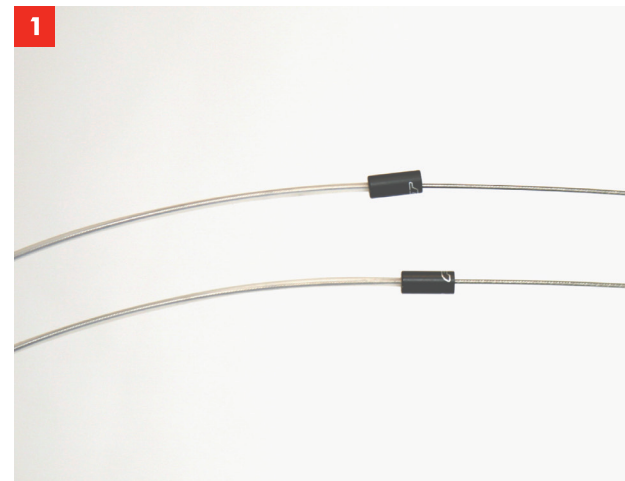
- Di2 WIRE
- FRONT BRAKE
- DROPPER POST
- REAR BRAKE
- REAR DERAILLEUR
- FRONT DERAILLEUR
- INTERNAL ROUTING



» ROUTING 2x11 MECHANICAL w/ DROPPER POST



» ROUTING BOTTOM BRACKET CABLE GUIDE



Thread the supplied cable liners over each cable. This will keep the cable liners from crimping and creating friction during the routing process.

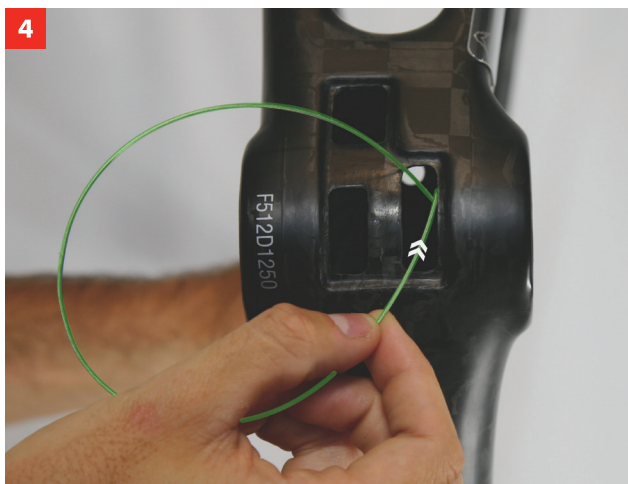


Start by threading the rear derailleur cable through the entry port located on the non-drive side of the bicycle frame.

» ROUTING BOTTOM BRACKET CABLE GUIDE

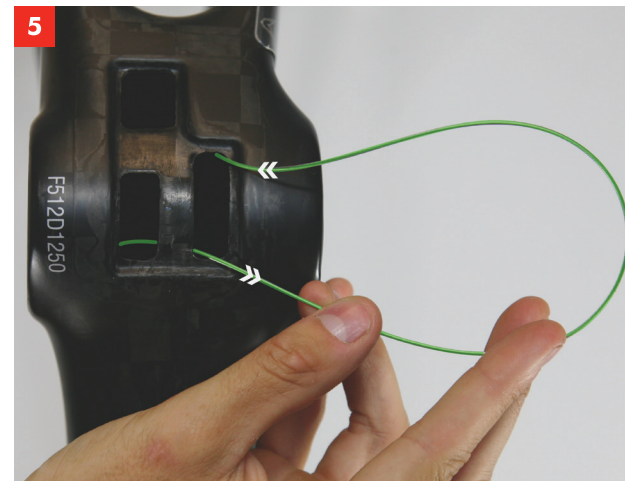


Continue to insert the cable until the end can be seen through the single port found closest to the drive-side of the frame. Once located, pull the cable up and out while still leaving some slack for later steps.

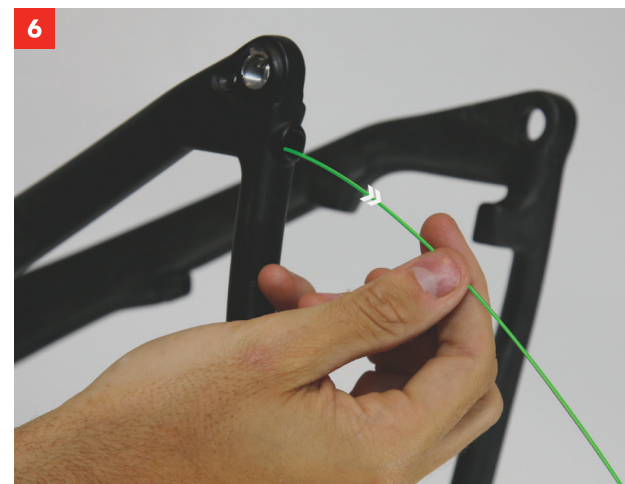


Insert cable back into the port while directing it toward the drive-side chain stay of the bike, as it will exit out of the port found near the rear derailleur. This will create a loop on the outside of the frame that you want maintain throughout the rest of the routing process.

» ROUTING BOTTOM BRACKET CABLE GUIDE



Try and keep the loop roughly the same size as shown in the image above. For now you can tuck the cable out of the way for later steps.

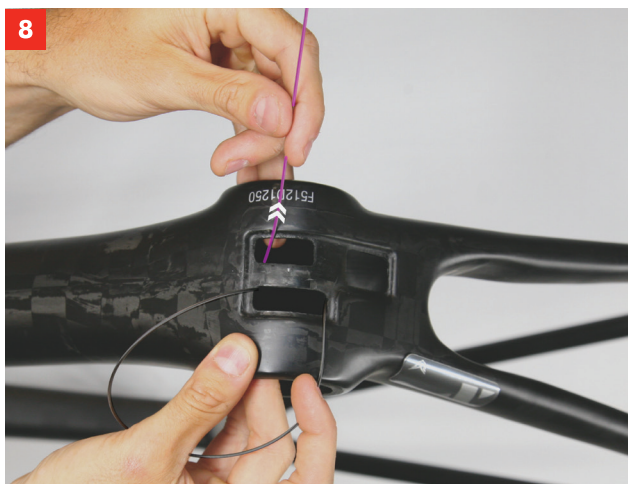


The cable will exit out of the port found near the rear derailleur.

» ROUTING BOTTOM BRACKET CABLE GUIDE



We will now begin to route the front derailleur cable by inserting it into the port found on the drive-side of the frame near the headtube.



The end of the cable will exit through the bottom bracket shell from the front port found on the non-drive side.

» ROUTING BOTTOM BRACKET CABLE GUIDE



Locate the nylon bottom bracket cable guide and thread the cable through the opening shown in the photo above.

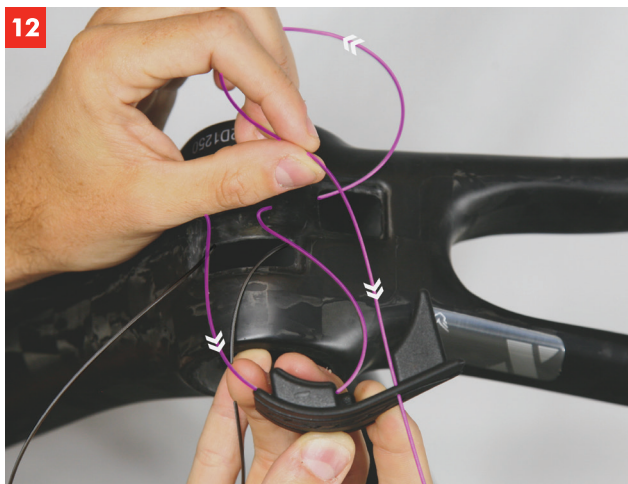


The image above shows how the assembly should look after threading the cable during the previous step.

» ROUTING BOTTOM BRACKET CABLE GUIDE



While keeping the cable threaded from the previous step, insert the loose end back into the port it entered from, and out of the port found directly behind it.

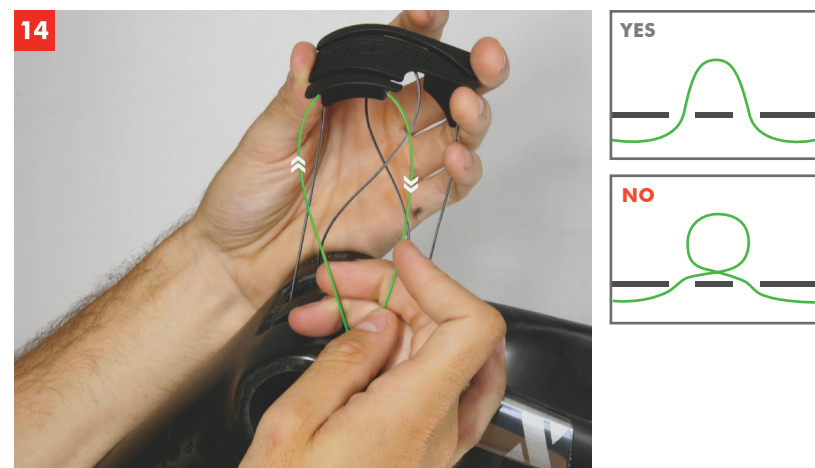


Then thread the cable back through the bottom bracket cable guide from the bottom up, as shown in the image above.

» ROUTING BOTTOM BRACKET CABLE GUIDE



Now the cable should be going through the bottom bracket guide twice, and through the frame once as shown above. Once you have the cable properly threaded, spot the front derailleur cable exit port through the rear bottom bracket port and guide the loose cable end through the bottom bracket and out towards the where the front derailleur is located (As shown in the circle above.) **Do not pull the slack out of the cable yet.**



Now take the loop created in steps 2 through 6, and simply hook it around the remaining slot in the bottom bracket guide as shown above.

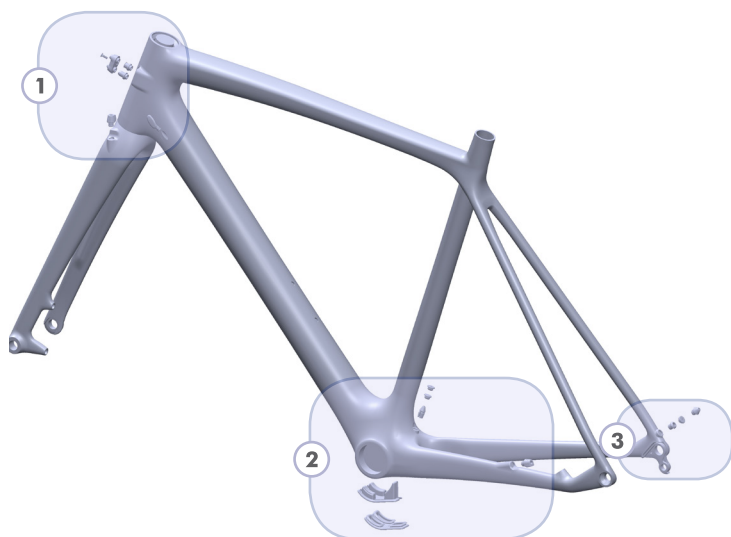
» ROUTING BOTTOM BRACKET CABLE GUIDE



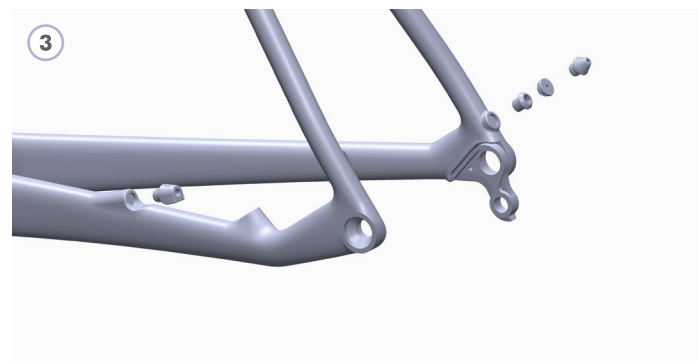
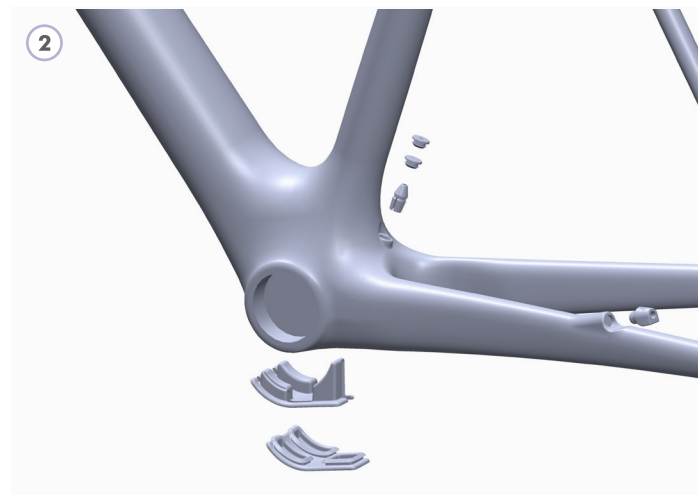
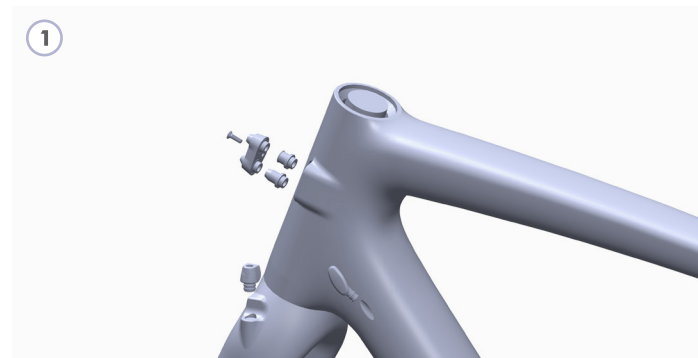
Once each of the cables are properly threaded from the previous steps, you can now pull the slack from each of the cables. While you take the slack out of each cable, guide the bottom bracket cable guide into place until it sits flush with the frame.

If properly routed, each cable should slide smoothly within the liner with little to no resistance. If there is a lot of friction in the liner, refer back to previous steps to see where you may have made a mistake.

» GROMMET MAP



» GROMMET MAP CONT.



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