

TECHNICAL MANUAL

E-TROY 2023+



















PLEASE READ BEFORE USING YOUR BIKE

Even if you have already piloted a bike for years, it is important to be aware of the information contained in the User's Manual and the Specific Manual PAB (Power-Assisted Bike). Read them carefully before riding your E-Troy:

- → These documents contain important information.
- → Understand the use, layout and maintenance of each electrical components of your new PAB.

Your safety and those of other is paramount:

- Never ride the bike without its battery; the battery must be on the bike when you head out, otherwise there will be no lights on the bike.
- Never ride the bike without a saddle; failure to comply with this rule could lead to accidents.
- Inspect your bike to make sure there are no loose screws or components or damages. In the event of a defect, visit your authorized Devinci retailer for a repair.
- A PAB is faster than a normal bike, risks of accident with other users on the road may occur.
- Ride under the conditions mentioned in the Owner's Manual.
- For PAB's that have a rear rack: the limit is 20 kg.

The electrical system requires careful handling:

- Do not clean the bike with a high-pressure jet. The system is sensitive to moisture. High-pressure water may seep into the connectors or other parts of the electrical system.
- Handle the battery carefully and pay attention to electric shocks. Failure to comply with this instruction could lead to abnormal heating or severe damage. In very rare cases, the consequences of an electrical shock could lead to a fire. In case of doubt, have the battery inspected by an authorized Devinci retailer.

Perform maintenance of the battery as mentioned in the Technical Manual.

a new battery kit.

- Charge the bike with the Bosch charger only;
- every 6 months;
- It is not recommended to keep the battery connected to the charger for a long period;
- If the battery remains uncharged for a long time, it can lose a significant part of its effectiveness;
- Store the battery in a well-ventilated and dry place. Pay attention to moisture;
- In case of poor conditions, remove the battery from the bike and store it in a dry place until next use;
- The battery can be stored at temperatures between -10°C (14°F) and 40°C (104°F). For long service life, store it at a temperature close to 20° C (68°F);
- Monitor the storage temperature and try to avoid discrepancies. For example, do not leave the battery in your car during summer or leave the battery outdoors during a storm in winter;
- It is recommended to store a battery which is not connected to the bike.

Follow the transport instructions for your PAB:

- · Comply with local laws regarding transportation on the PAB;

Visit your authorized Devinci retailer for regular maintenance of your new PAB:

- Only your retailer has the know-how and the proper equipment to maintain your PAB.
- If you have any question about your PAB, please ask for assistance from your retailer.



NOTE → Failure to follow the instructions below may damage the battery and require you to purchase

• When the battery is not used for a long time, recharge to 100% (from 4 to 5 LEDs ont the charge indicator); • Check the battery charge status regularly when not in use, recharge it to 100% if the load is less than 20% (1 indication light on the charge gauge). Check the load every month and have it fully charged

• A PAB is heavier than a normal bike, so you must be careful when transporting it. Check that the maximum load of the rack, roof or bike rack used is respected. Refer to the support manual used;

• The Li-Ion battery of your PAB, due to its size, is considered a "Class 9 dangerous good" during transport. Applicable regulations could limit transport of a separate Li-Ion battery (when the battery is not on the bike) in some places. This regulation applies to several airlines and a number of road transport companies. On the other hand, if you are planning to move around with a full PAB (when the battery is on the bike), regulations are less strict. In case you use these transport methods, check the regulations that apply to your PAB with your transport company before booking.



ABOUT OUR MANUALS

Our user manuals meet ISO 4210-10TS. EN 15194 et EN 14766 standards.

Like many sports, cycling involves risk of injury and accidents, so you must be fully aware of these risks. Neither the manufacturer, the retailer, nor the person who sold you the bike, nor the people who maintain the trails are responsible for these risks. As you are solely responsible, it is, therefore, essential that you read and fully understand all the parts contained in this manual.

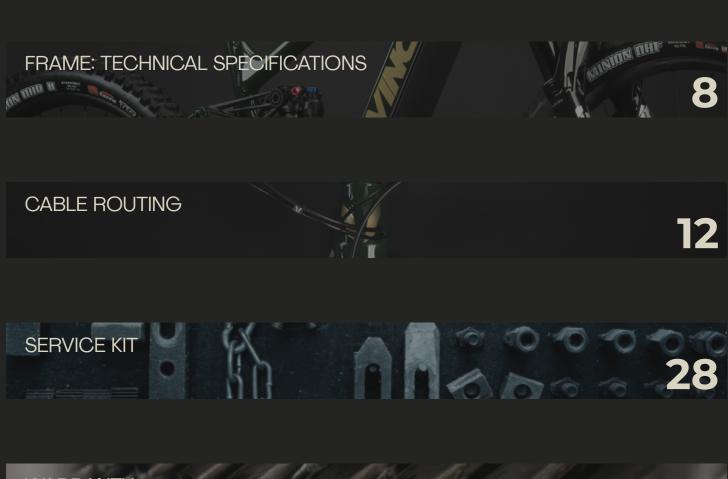
To enjoy maximum safety and enjoyment right from the get go, it is important that you are familiar with your new bike, its handling and its possibilities. It is your duty to maintain your bike well and reduce the risk of injury. Biking can be a dangerous activity, even under the best conditions. These are risks associated with using a bicycle that cannot be predicted or avoided. These are the sole responsibility of the cyclist.

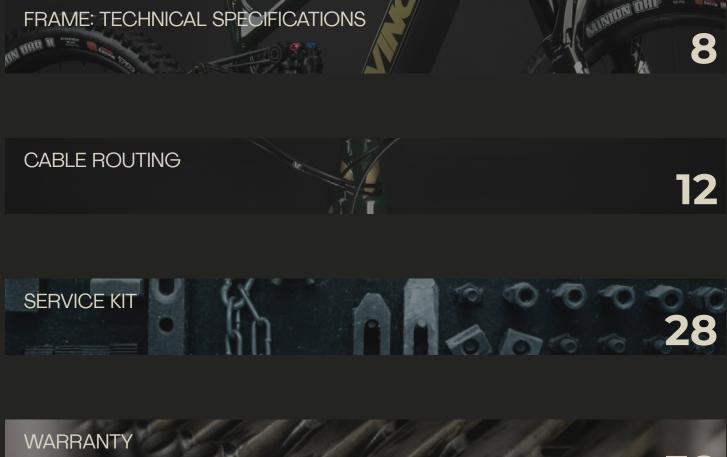
YOUR AUTHORIZED DEVINCI RETAILER

Your authorized Devinci retailer is at your service to guide your choices of bike and accessories which are best suited to the style of biking you wish to perform. This will help you maintain your equipment in good condition so that you can take full advantage of your investment. The staff at your authorized Devinci retailer have the training, experience and tools to carry out the repairs and provide you with reliable advice.

However, your authorized Devinci retailer cannot make decisions for you, and cannot be held responsible for your lack of knowledge, experience, qualification or common sense. However, it will take the necessary time to explain the operation of a component or to help you choose an accessory that meets your specific needs.

For further information, please see the Devinci's User Manual available on www.devinci.com and the Bosch user manual available on https://www.bosch-ebike.com/en/help-center/manuals, or you can ask your authorized Devinci retailer. He will take the time to answer any questions you may have and will advise you with great pleasure.







F R TECHNICAL

IN DUR

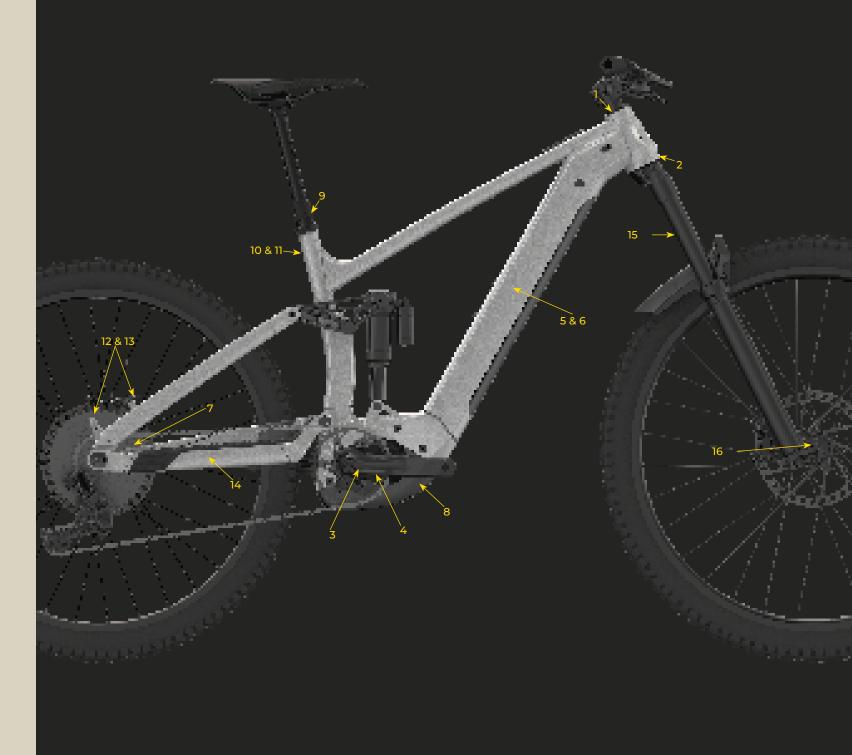
A M E SPECIFICATIONS



STEERING COLUMN DIMENSIONS			
1. UPPER (S.H.I.S)	ZS44	1-1/8" Zerostack	
2. LOWER (S.H.I.S)	ZS56	1.5" Zerostack	
	CRANKSET		
3. STANDARD	Mid-Drive Mot	or	
ELECT	RIC ASSIST BOSCH		
4. DRIVE UNIT COMPATIBLE	Bosch CX BES	3	
5. BATTERY MOUNT COMPATIBLE	Bosch BES3		
6. BATTERIES COMPATIBLE	Bosch BES3 62	25	
7. SPEED SENSOR TYPE	Slim		
8. DRIVE UNIT COVER	8. DRIVE UNIT COVER MACV24007		
SEAT TUBE AND SEAT CLAMP			
9. SEAT POST OUTSIDE DIAMETER (OD)	9. SEAT POST OUTSIDE DIAMETER (OD) 31.6 mm		
10. SEAT TUBE OUTSIDE DIAMETER (OD)	34.9 mm		
11. DROPPER POST COMPATIBLE	Oui Entièrement i	nterne	
	BRAKES		
12. BRAKE MOUNT (FRAME)	Montage sur support 20	0 mm direct	
13. MAX ROTOR SIZE COMPATIBLE (FRAME)	220 mm		
A	CCESSOIRIES		
14. PROTECTORS	OUI		
	IFO (BASED ON SIZE MEDIUM) RK 160 MM TRAVEL 150MM		
15. FRONT SUSPENSION TRAVEL & SAG	160 mm	30%	
16. FORK AXLE-TO-CROWN & OFFSET	571	44	
17. FRONT & REAR WHEEL GEOMETRY	750	720	
18. FRONT & REAR WHEEL MAX ETRTO	66-622	66-584	

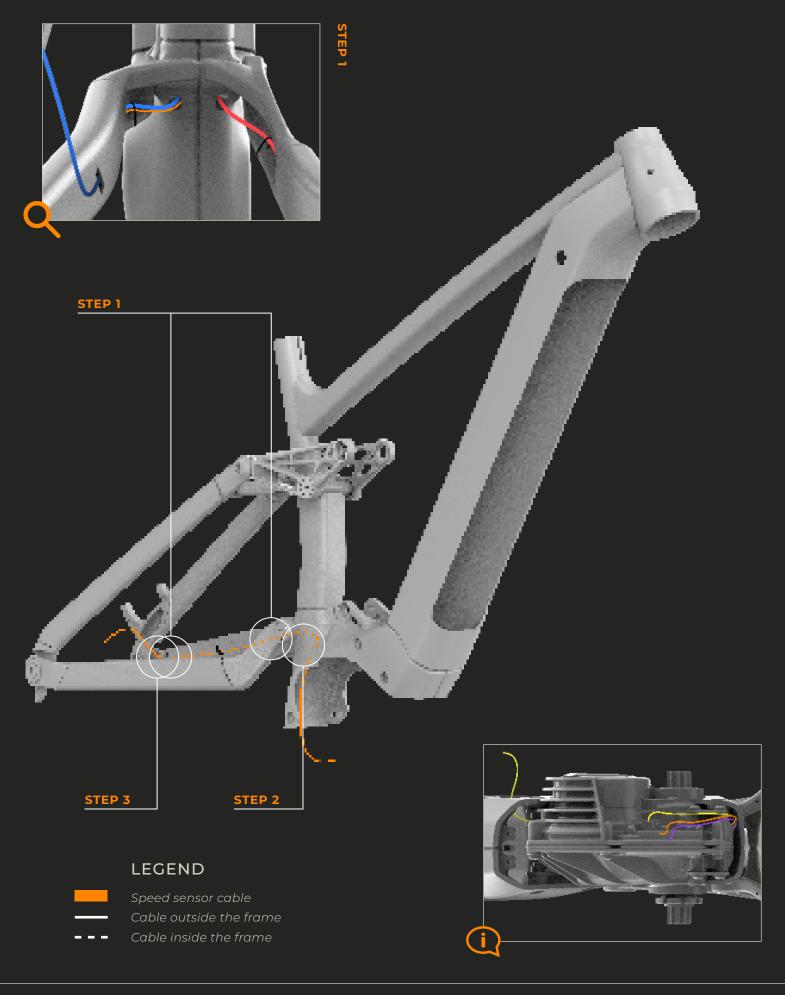
* DISCLAIMER: We are testing many different tires to establish a clearance number that cover a wide spectrum of tires with appropriate frame clearance. However, it is impossible for us to test all tires and rim combination available on the market, so be mindful that some combinations may result in slight rubbing if higher than 66mm in actual width.

SIZE AVAILABLE S|M|L|XL











SPEED SENSOR CABLE

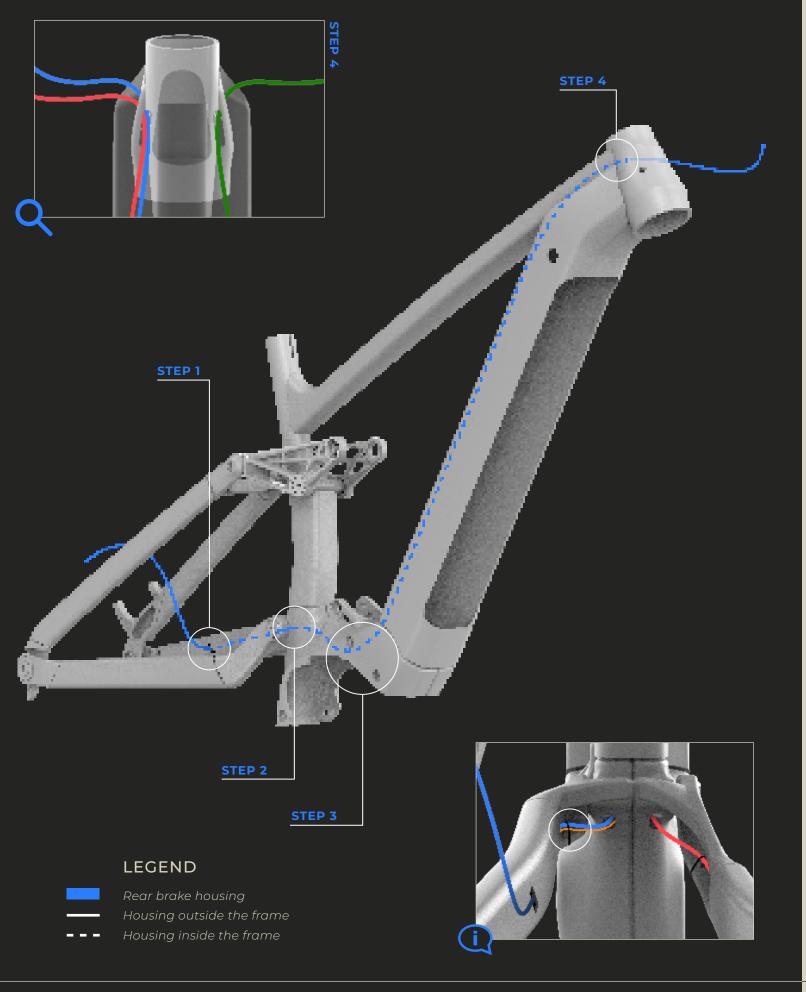
STEP 1	insert the speed sensor cable into the ca the bike. Pass the cable through the bas
STEP 2	Insert the cable into the motor shell thro
STEP 3	Fixez le câble à l'orée de la cavité d'entrée
(j)	Make sure that the cables intended to be connecte them against the upper wall.

avity located on the left inner side of the base, at the back of use until it regresses through the cavity at the front.

rough the left cavity located at the bottom of the seat tube.

e à l'aide du support et de la vis prévus à cet effet.

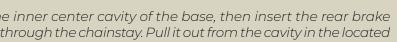
ed to the motor do not interfere with its insertion into the shell by storing





REAR BRAKE HOUSING

STEP 1	Make sure the stopper is in place on the housing through the stopper and feed it th at the front of the chainstay.
STEP 2	Insert the rear brake housing into the m the seat tube.
STEP 3	Slide the rear brake housing through th
STEP 4	Insert the rear brake housing into the left i out through the upper left stop of the stee
(j)	Fix the rear brake housing and the speed sensor cab

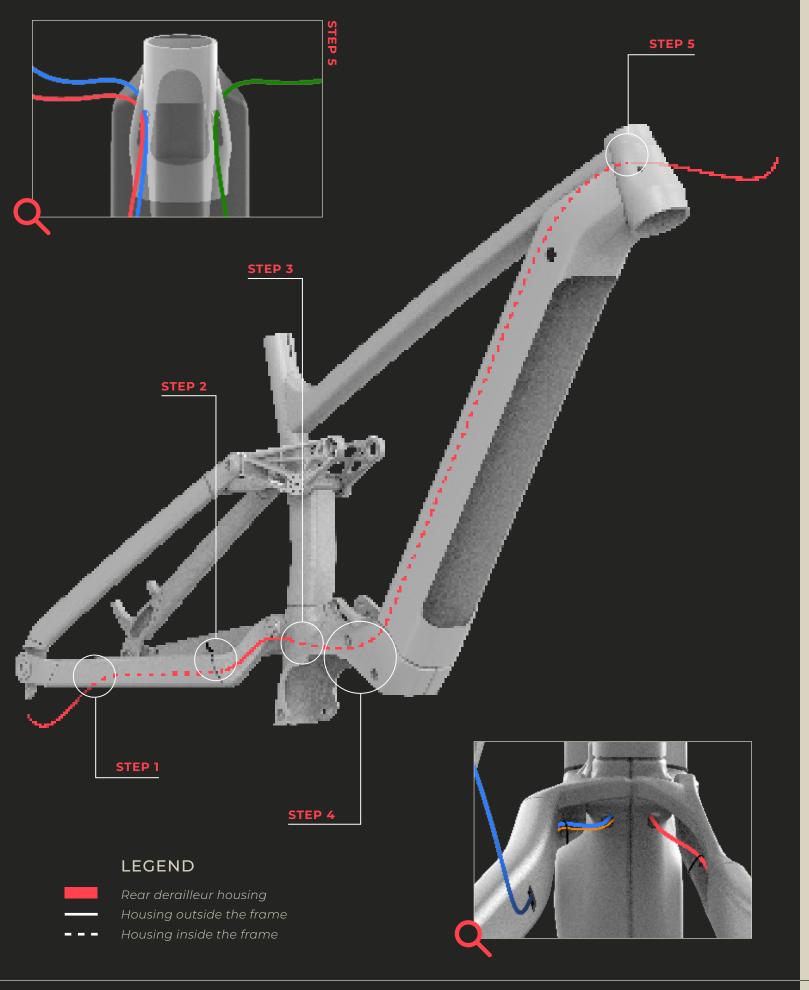


motor shell through the left cavity located at the bottom of

he left side of the down tube up to the steering column.

inner oval cavity of the steering column, then pull the housing ering column.

ble to the base in the place provided for this purpose using small zip ties.





REAR DERAILLEUR HOUSING

(j)	Tip → Slightly bend the tip of the housing to facilitat
STEP 1	Make sure the stopper is in place on the car speed housing through the stopper.
STEP 2	Thread the housing through the base and
STEP 3	Insert the housing into the motor shell thro
STEP 4	Slide the rear derailleur housing throug
	→ For the E-Troy Led Controller model, slide an an the housing into the steering column.
(j)	Make sure that the housing and the cables inserted
STEP 5	Insert the rear speed housing into the left i out through the lower left stop.
(j)	Fix the rear speed housing to the base in the place p

te its insertion into the base.

avity located under the right side of the bas, then insert the rear

d pull it out through the cavity at the front.

ough the cavity located in the lower right side of the seat tube.

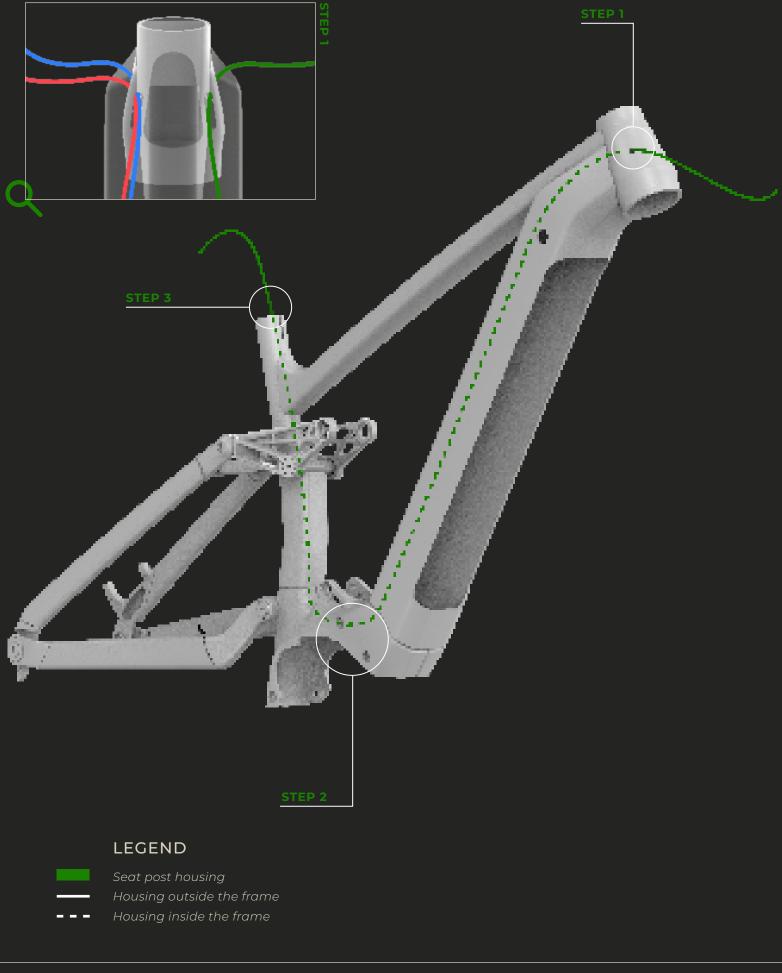
h the left side of the down tube up to the steering column. hti-impact foam on the housing down to the down tube before inserting

d previously in the down tube do not cross each other.

inner oval cavity of the steering column, then pull the housing

provided for this purpose using small zip ties.

1



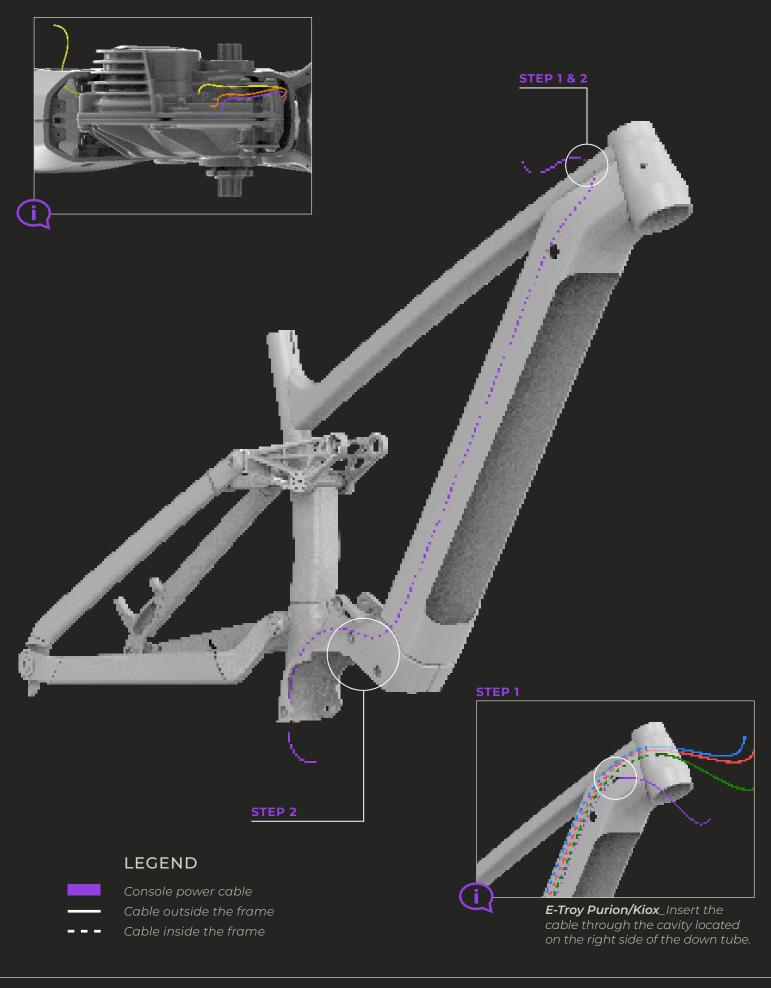


SEAT POST HOUSING

- of the steering column.
- **STEP 2** | Slide the seat post housing to the right of the down tube down to the motor shell.
- **STEP 3** | Insert the seat post housing up to the upper end of the seat tube.

Tighten the seat post housing as much as possible so that it takes up as little space as possible in the motor shell and that it does not interfere with the insertion of the motor later. (\mathbf{i})







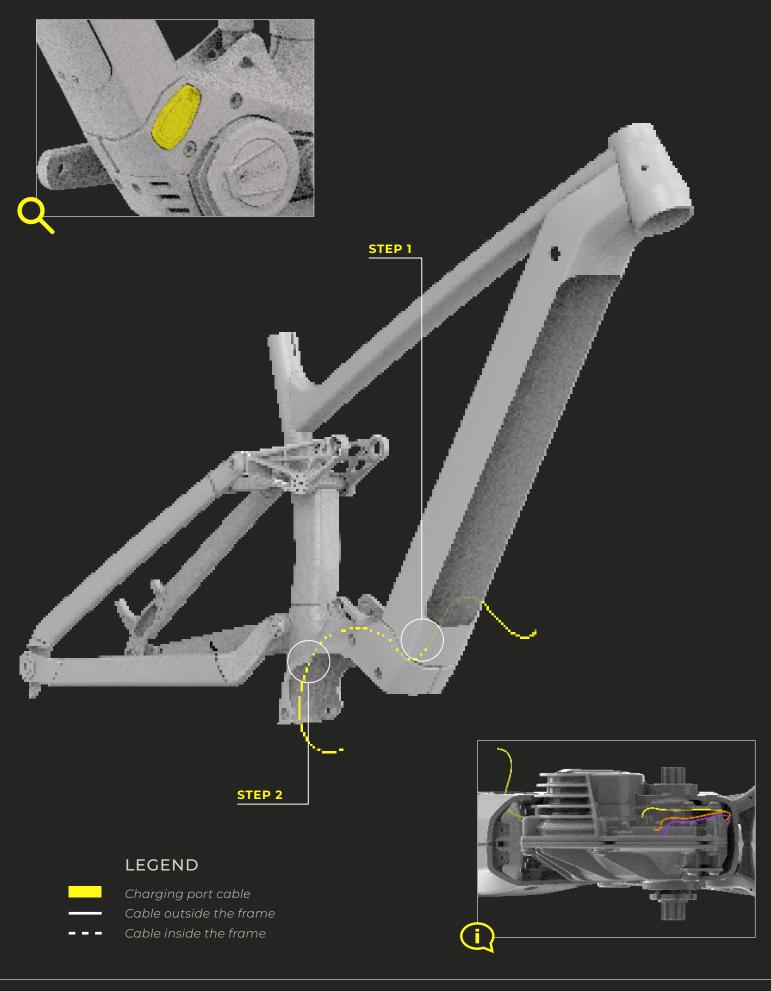
CONSOLE POWER CABLE

located on the right side of the down tube. **E-Troy Purion/Kiox** \rightarrow Fit the console in the cavity located on the top tube. (\mathbf{i}) them against the upper wall.

ÉTAPE 1 | E-Troy Led controller \rightarrow Insert the cable through the cavity located on the top of the top tube. **E-Troy Purion/Kiox** \rightarrow Insert the cable through the cavity located at the top of the right side of the down tube.

ÉTAPE 2 *E-Troy Led controller* \rightarrow Slide the electric cable from the right side of the down tube up to the motor shell. **E-Troy Purion/Kiox** \rightarrow Slide the electric cable from the left side of the down tube up to the motor shell.

ÉTAPE 3 | *E-Troy Led controller* \rightarrow Install the stopper on the upper part of the cable until it fits into the cavity





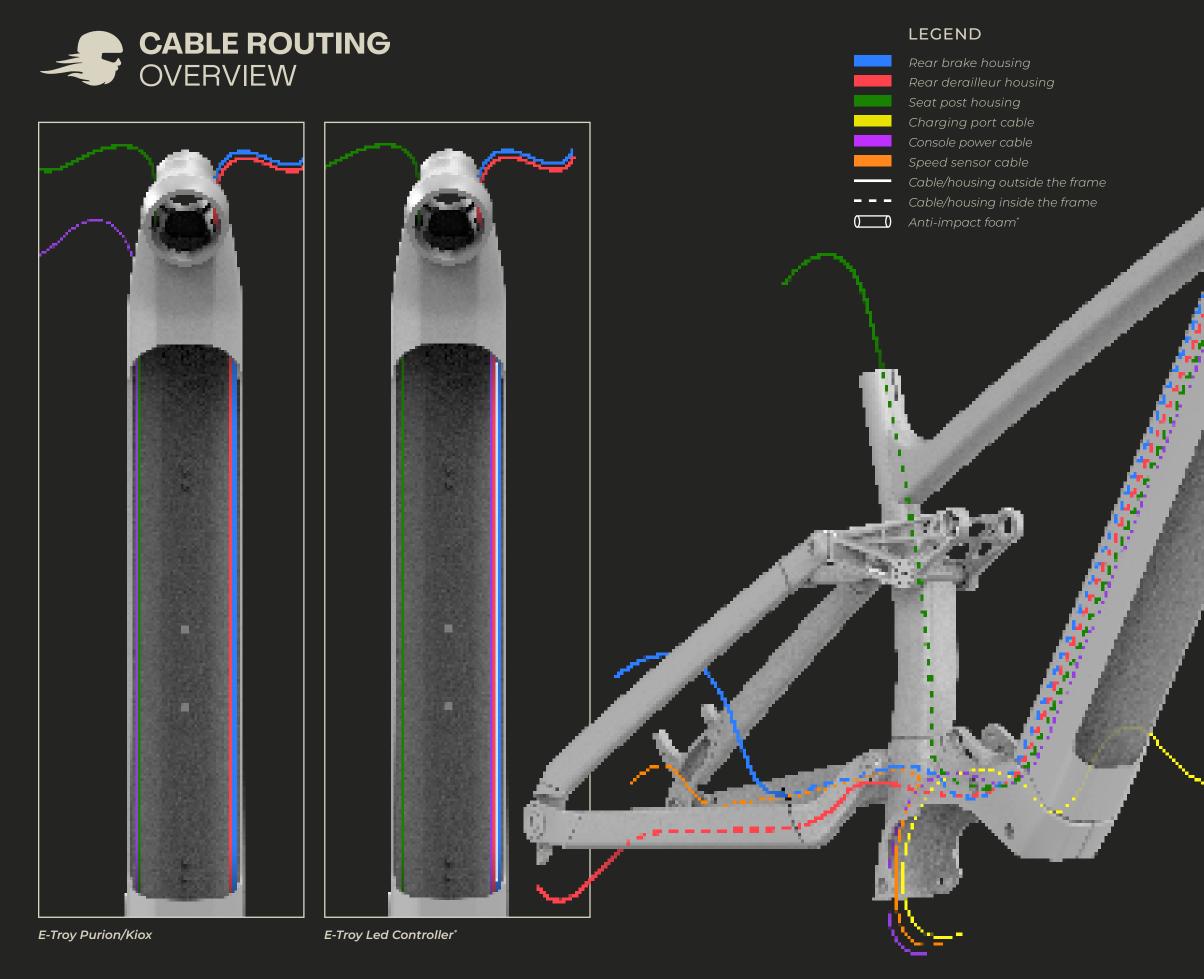
CHARGING PORT CABLE

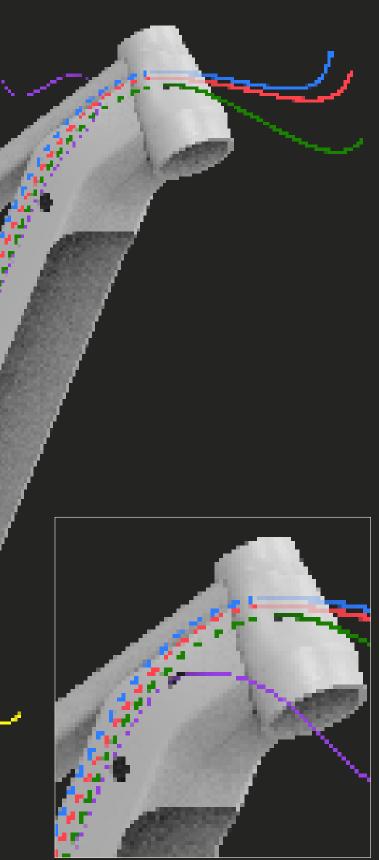
STEP 1	Position the charging port cable connect it using the screws provided.
STEP 2	Route the rest of the charging port cab
(j)	Make sure that the cables intended to be connected them against the upper wall.

ctor in its base located at the bottom of the down tube. Secure

ble up to the motor shell.

ted to the motor do not interfere with its insertion into the shell by storing

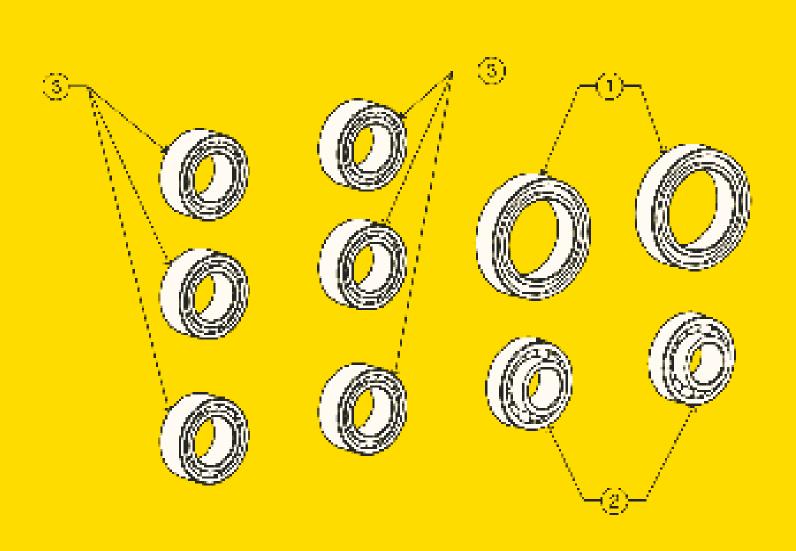


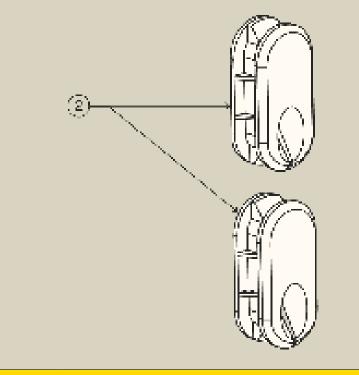




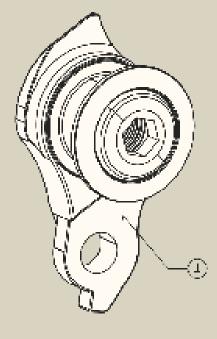


KFC08902 E-TROY BOSCH 2023+			
ITEMS	PART #	DESCRIPTION	QTY
1	MFP21016	BALL BEARING MR20307 20x30x7; STD TYPE, DOUBLE LIP	2
2	MFP24014	BEARING 6900 WITH EXTENDED INNER CAGE	2
3	MFP19001	BALL BEARING 3801 LLU MAX 12x21x8	6





KFC08909 E-TROY BOSCH 2023+			
ITEMS PART # DESCRIPTION QTY			
1	MFB24001	CABLE GUIDE 5mm	7
2	MFB19008	CABLE GUIDE 5mm	2



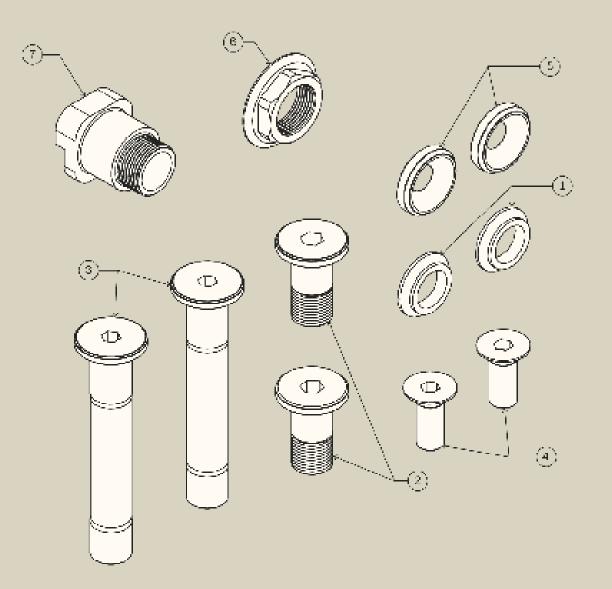
KFC05602 E-TROY BOSCH 2023+			
ITEMS	PART #	DESCRIPTION	QTY
1	KFC04501	Chainsaw Cable Guide Kit	

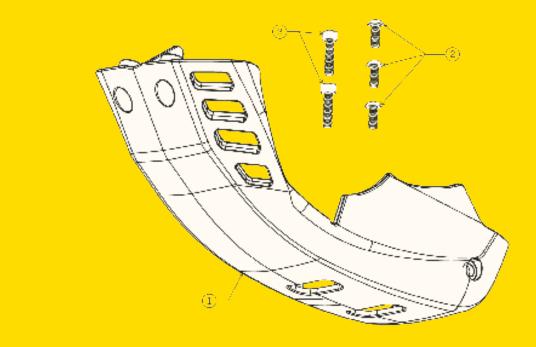




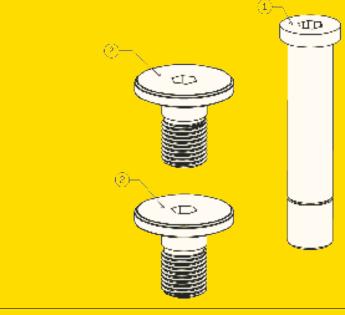


	KFC08903 E-TROY BOSCH 2023+			
ITEMS	PART #	DESCRIPTION	QTY	
1	MFP24012	CS PIVOT SPACER E-MTB	2	
2	MFV24016	PIVOT SCREW M12 x 1.0 x 21mm	2	
3	MFP24010	LINKAGE PIVOT SHAFT E-MTB SL	2	
4	MFV24012	SOCKET FLAT SCREW M8x1.25 X 20mm	2	
5	MFV24008	PIVOT WASHER	2	
6	MFP24009	PIVOT NUT FOR MR 20307 BEARING	1	
7	MFP24008	DROPOUT PIVOT LEFT SHAFT 20mm	7	

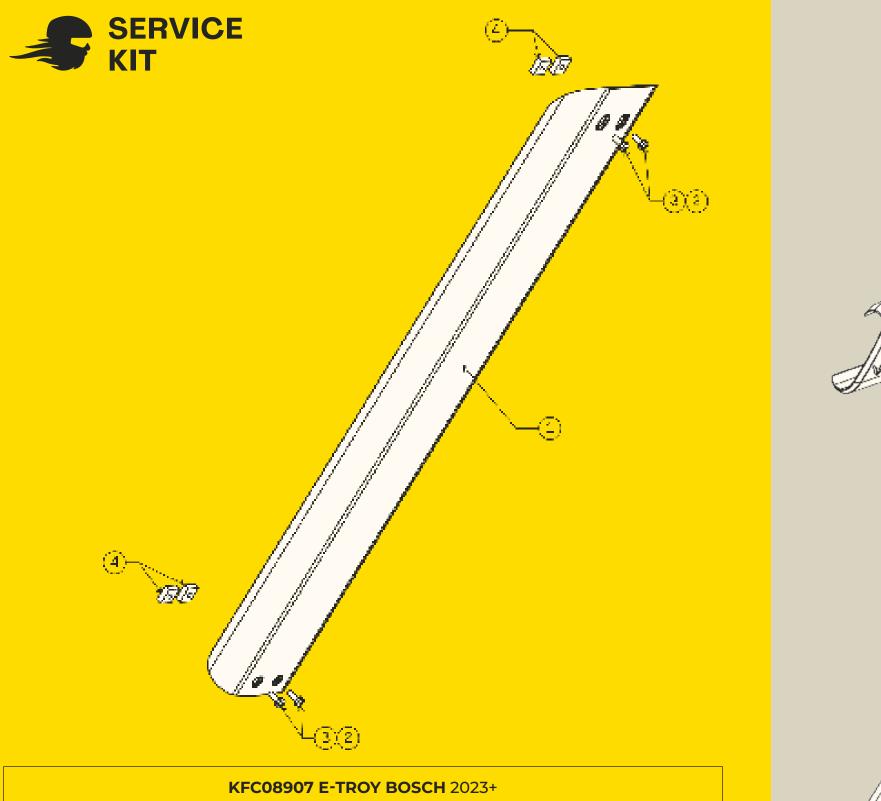




KFC08905 E-TROY BOSCH 2023+			
ITEMS PART # DESCRIPTION QTY			
1	MACV24007	MOTOR PROTECTION COVER BOSCH CX	7
2	MFV00165-01	SOCKET BUTTON SCREW M4x0.7 X 10mm	3
3	B18.3.1M - 4 x 0.7 x 16 Hex SHCS - 16SHX	Socket cap screw M4X0.7X16mm	2



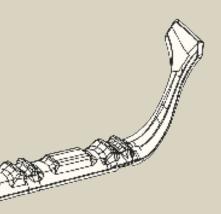
KFC08901 E-TROY BOSCH 2023+			
ITEMS	PART #	DESCRIPTION	QTY
1	MFV21002	SOCKET CAP SCREW M10 x 1.0 x 48mm	7
2	MFV24009 (Default)	UPPER SHOCK SCREW E-MTB SL	2



KFC08907 E-TROY BOSCH 2023+			
ITEMS	PART #	DESCRIPTION	QTY
1	MACV24008	BATTERY COVER BOSCH 625	1
2	MFV23010	FLAT WASHER M3, ID3.2mm, OD6mm, SS	4
3	MFV24048	PAN HEAD PHILLIPS SCREW M3x0.5 X 8mm	4
4	MFV24049	THIN SQUARE NUT M3	4

	KFC08906 E-TROY BOSCH 2023+			
	ITEMS	PART #	DESCRIPTION	QTY
	1	MACV24008	BATTERY COVER BOSCH 625	1
100	2	MFV23010	FLAT WASHER M3, ID3.2mm,OD6mm, SS	4
32	3	MFV24048	PAN HEAD PHILLIPS SCREW M3x0.5 X 8mm	4

 $(\overline{1})$ -



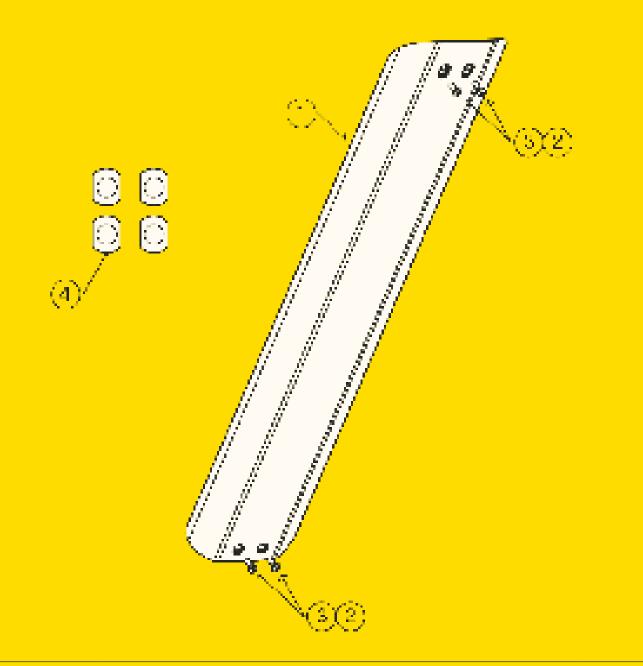
KFC08908 E-TROY BOSCH 2023+				
PART #	DESCRIPTION	QTY		
MACP24005	CS PROTECTOR 072-9800	7		



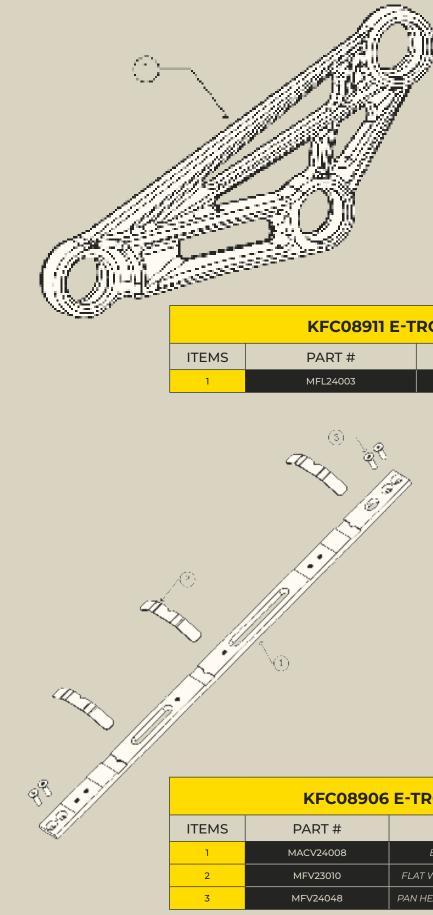
ITEMS

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KFC08906 E-TROY BOSCH 2023+				
ITEMS	PART #	DESCRIPTION	QTY	
1	MACV24008	BATTERY COVER BOSCH 625	1	
2	MFV23010	FLAT WASHER M3, ID3.2MM, OD6MM, SS	4	
3	MFV24048	PAN HEAD PHILLIPS SCREW M3 x 0.5 x 8MM	4	
4	MFV094314-USI	FLAT WASHER M3, ID3.2MM MACHINED	4	



FC08911 E-TROY BOSCH 2023+			
ART #	DESCRIPTION	QTY	
L24003	089-096 RIGHT LINKAGE	7	

CO8906 E-TROY BOSCH 2023+				
Т#	DESCRIPTION	QTY		
4008	BATTERY COVER BOSCH 625	7		
3010	FLAT WASHER M3, ID3.2mm,OD6mm, SS	4		
048	PAN HEAD PHILLIPS SCREW M3x0.5 X 8mm	4		



DEVINCI WARRANTY

At Devinci, durability, performance, and peace of mind are at the core of everything we build. That's why our warranty is designed to protect your investment and support you long after your purchase.



WHAT'S COVERED

FOR THE ORIGINAL OWNER

- Aluminum frames: Lifetime warranty* for the bicycle's useful life
- Carbon fiber frames: Lifetime warranty* for the bicycle's useful life
- Paint and decals: 1-year warranty
- Suspension pivots (bearings, bolts, axles): 1-year warranty

*Proof of purchase is required for all warranty claims.

COMPONENTS

All components on Devinci bikes are covered by their respective manufacturer warranties. For questions, your authorized Devinci retailer is your go-to resource. https://www.devinci.com/en/find-a-dealer/

OUTSIDE THE WARRANTY? WE'VE GOT YOUR BACK.

CUSTOMER ASSISTANCE PROGRAM

Accidents happen. That's why we created the Devinci Customer Assistance Program.

If your situation isn't covered under warranty—whether it's a crash, damage, or just bad luck—we'll help you get back on the road or trail with a discount on replacement parts, based on their original retail price. This program is offered for life, at our discretion, and is available through our customer service team or any authorized Devinci retailer.

WHAT'S NOT COVERED

Our warranty does not apply in the following cases:

- Bike not purchased from an authorized Devinci retailer
- Improper assembly or service not performed by an authorized retailer
- Accidents, misuse, or excessive/abusive riding
- Damage from high-intensity use (racing, bike parks, improper transport, etc.)
- . Structural or cosmetic modifications to the frame
- Normal wear and tear or material fatique over time .
- Costs of replacing parts that are worn out or obsolete at the time of the claim

For any questions, please contact our customer service team or your nearest Devinci retailer.

DEVINCI WARRANTY POLICY

All Devinci frames are covered by a manufacturer's warranty against defects in materials and workmanship for a specified period, as detailed below, starting from the date of purchase. Any parts replaced or repaired under this warranty are covered for the remaining duration of the original warranty period.

The bicycle owner must provide proof of purchase to make a warranty claim.

Replacement parts are subject to availability within Devinci's inventory at the time of the claim. In some cases, the color, features, and/or model may differ from the original part.

At Devinci's discretion, certain costs may apply when processing a warranty replacement or repair, including:

- Shipping fees
- Additional labor costs associated with the installation or repair of a part
- Costs of replacing parts that are worn out or obsolete at the time of the claim

WARRANTY DURATION

For the original purchaser:

- · Aluminum frames are covered for the lifetime of the bicycle's useful life.
- Carbon fiber frames are covered for the lifetime of the bicycle's useful life.
- Paint and decals are covered for one (1) year from the original date of purchase.
- Suspension frame pivots (including bearings, bolts, and axles) are covered for one (1) year from the original date of purchase. The components assembled on Devinci bicycles are exclusively covered by the warranties provided by their respective
- manufacturers, with Devinci assuming no responsibility. Please contact your authorized Devinci dealer for more details on applicable warranties.

CUSTOMER ASSISTANCE PROGRAM

For those unexpected moments when your situation is not covered under our warranty policy, Devinci's Customer Assistance Program is here to help. Whether it's a crash, accidental damage, or simple bad luck, this program is designed to get you back on the road or trails as quickly as possible by offering a discount on replacement parts based on their original retail price.

This program is separate from Devinci's manufacturer warranty and is managed at Devinci's sole discretion. It is accessible through our customer service department or any authorized Devinci retailer.

WARRANTY EXCLUSIONS

At Devinci's discretion, the warranty may be void under the following circumstances:

- The bicycle was not purchased from an authorized Devinci retailer.
- The bicycle was not fully assembled by an authorized Devinci retailer.
- Repairs were not performed by an authorized Devinci retailer.
- The instructions in the user manual and/or technical manual were not followed.
- . Recommended periodic inspections and maintenance outlined in the user manual and/or technical manual were not performed.
- user manual and/or technical manual.
- Paint damage caused by the application or removal of an adhesive frame protector.



Non-compatible parts were installed. Compatible parts include original components or those specified as compatible in the

DEVINCI WARRANTY

- Damage resulted from accidental or unforeseen events, such as:
 - · Accidents, impacts, or falls
 - Misuse, abnormal or excessive use, or negligence
 - Intensive use beyond the scope of normal recreational cycling
 - Improper or repeated use of ski lifts, vehicle racks, or other transportation methods
 - Use in competition or in environments/activities beyond the intended design of the bicycle
- Additional damage caused by continued use of the bicycle after an initial defect, if a warranty claim was not filed or was denied.
 The frame and/or components were altered (e.g., polishing, structural or mechanical modifications, stripping, sanding, shot
- peening, etc.).
- The frame size or model is inappropriate for the rider.
- Damage caused by normal wear and tear, including material fatigue over time.

LIMITATION OF LIABILITY

This warranty represents the complete and final warranty coverage for Devinci frames. Devinci does not authorize any individual, including authorized dealers, to offer any additional warranty beyond what is explicitly stated herein. Any other obligations, representations, or illustrations made by any party are not binding on Devinci and are excluded from this warranty.

Subject to applicable laws in Quebec and Canada, Devinci assumes no liability for material, bodily, or moral damages suffered by the user, purchaser, or any other party due to the use of a Devinci frame or component, except in cases of negligence or intentional misconduct by Devinci, as determined by a competent court.

Unless otherwise prohibited by applicable law, Devinci disclaims all other warranties, express or implied, including but not limited to implied warranties of merchantability or fitness for a particular purpose. Devinci's liability will not exceed the actual purchase price of the bicycle, nor will it cover any special, incidental, or consequential damages related to the bicycle.

By claiming warranty rights, the purchaser agrees that any legal proceedings shall be conducted in the judicial district of Chicoutimi, Province of Quebec, Canada.







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