



KARVE

Owners Manual v1

EN | ENGLISH
ATTENTION!

Read this manual before your first ride

INTRODUCTION

Thank you for choosing to purchase this Whyte product. We hope you will enjoy all the benefits of its advanced design and engineering. This manual will guide you through your model specific components and features. Please read it carefully, for more general information, we strongly advise that you also read your 'General Instruction Manual' Which can be found here 'www.whytebikes.com/support'.

MANUAL GUIDANCE



WARNING - This symbol indicates a hazardous situation which could result in serious injury.



INFO - This symbol indicates to the reader that the information is important to the user and product.



HINTS & TIPS - This symbol indicates to the reader that the information can improve the user experience

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REGISTER

Welcome to the Whyte Bikes family. Before you get riding on your new KARVE please ensure you have read all the manuals provided with this product carefully. This manual contains important user directions and safety information to get you riding quickly and safely.

Registering your bike is the official way for us to welcome you into the Whyte Bikes family. It's also an important step in activating your bike's warranty. If you ever have an issue, we'll be able to handle your case efficiently and get you back riding as soon as possible. It's easy and only takes a few minutes. Please follow this link <https://whytebikes.com/pages/registration>



MODELS & CONFIGURATIONS

KARVE						
MODEL	FRONT WHEEL	REAR WHEEL	FRONT TRAVEL	REAR TRAVEL	FRONT TRIANGLE	REAR TRIANGLE
RS	29"	29"	160MM	161/164mm	Carbon	Carbon
RSX	29"	29"	160MM	161/164mm	Carbon	Carbon

KARVE EVO						
MODEL	FRONT WHEEL	REAR WHEEL	FRONT TRAVEL	REAR TRAVEL	FRONT TRIANGLE	REAR TRIANGLE
RS	29"	27.5"	180MM	177/180MM	Carbon	Alloy
RSX	29"	27.5"	180MM	177/180MM	Carbon	Alloy

USAGE CLASSIFICATION

KARVE & KARVE EVO		
USAGE CLASSIFICATION	USAGE DESCRIPTION	MAX SYSTEM WEIGHT (RIDER+BIKE+LUGGAGE)
	Whyte pedelecs of the category '4 - ENDURO' have been designed to be ridden on surfaces mentioned in category 1,2, and 3, or downhill grades. This category of bike is intended for Allmountain and Enduro where loss of contact between the wheels and surface is common. Drops must be limited to 122cm (48") and speeds limited to 40km/h. This bike category is suitable for bike parks which feature jumps, drops, roots, rocks, and loose ground. Please note bike park construction characteristics to be suitable for this bike category. Maximum permissible weight consisting of the rider and luggage is specified on the CE marking on your bike.	140KG

KARVE USAGE RECOMMENDATIONS

The KARVE is mid travel, all-rounder, enduro focused eBike. Intended to tackle any climb no matter how steep or technical, then provide a platform to take on challenging descents with very high technical demands. It is suitable for use on paths and roads with uneven, unpaved surfaces, as well as on difficult and partly rocky terrain and unconditioned trails. The Karve user requires technical riding skills and experience of offroad cycling. Whyte recommends participating in a training course to acquire riding skills if the user has no prior experience. For your own safety, do not overestimate your capabilities. Often, observing a professionals riding style can lead to attempts to emulate more complex riding styles than those appropriate to the user's abilities, which can pose a danger to the life and health of the user and even to third parties.

KARVE EVO USAGE RECOMMENDATIONS

The KARVE EVO is a long travel, hard hitting, shuttle focused eBike. Intended to tackle any descent no matter how steep or technical, then provide the ultimate platform to shuttle the rider back as fast and efficiently as possible. It is suitable for use on paths and roads with uneven, unpaved surfaces, as well as on difficult and partly rocky terrain and unconditioned trails. The Karve user requires technical riding skills and experience of offroad cycling. Whyte recommends participating in a training course to acquire riding skills if the user has no prior experience. For your own safety, do not overestimate your capabilities. Often, observing a professionals riding style can lead to attempts to emulate more complex driving styles than those appropriate to the user's abilities, which can pose a danger to the life and health of the user and even to third parties.

ACCESSORIES BOX

Contents

- Avinox user manual
- Component manuals
- Pedals
- Bell
- Reflectors
- Charger
- Tubeless conversion kit



If your bike is supplied with a battery box please keep this safe for the event of storage or logistics. Please contact your Whyte retailer for all the necessary information related to the transport of lithium batteries.



KEY FIXING TORQUES

Find below a generalised torque setting table for your eBike. Please note components torque settings and tool will vary between different models. Always follow the component manufacturer torque settings as a rule, these can be found in their manuals or marked on the component. If any guidance is required please contact your Whyte retailer.

COMPONENT	TOOL	TORQUE (N.m)
Stem - Steer Tube	4mm HEX	5-6
Stem - Handlebar Face Plate	4mm HEX	5-6
Brake Calliper	5mm HEX	8-10
Speed Sensor	1.5mm HEX	3-4
UDH mounted dérailleur	6-8mm HEX	8-10
Brake Lever	5mm HEX	2.5-4
Cassette	10-12mm	40
Seat Clamp	5mm HEX	5-6
Headset	5mm HEX	3-4
Grip	3mm HEX	2.5-4
Pedals	8mm HEX/15 spanner	30
Disc rotor	T25 Torx	6

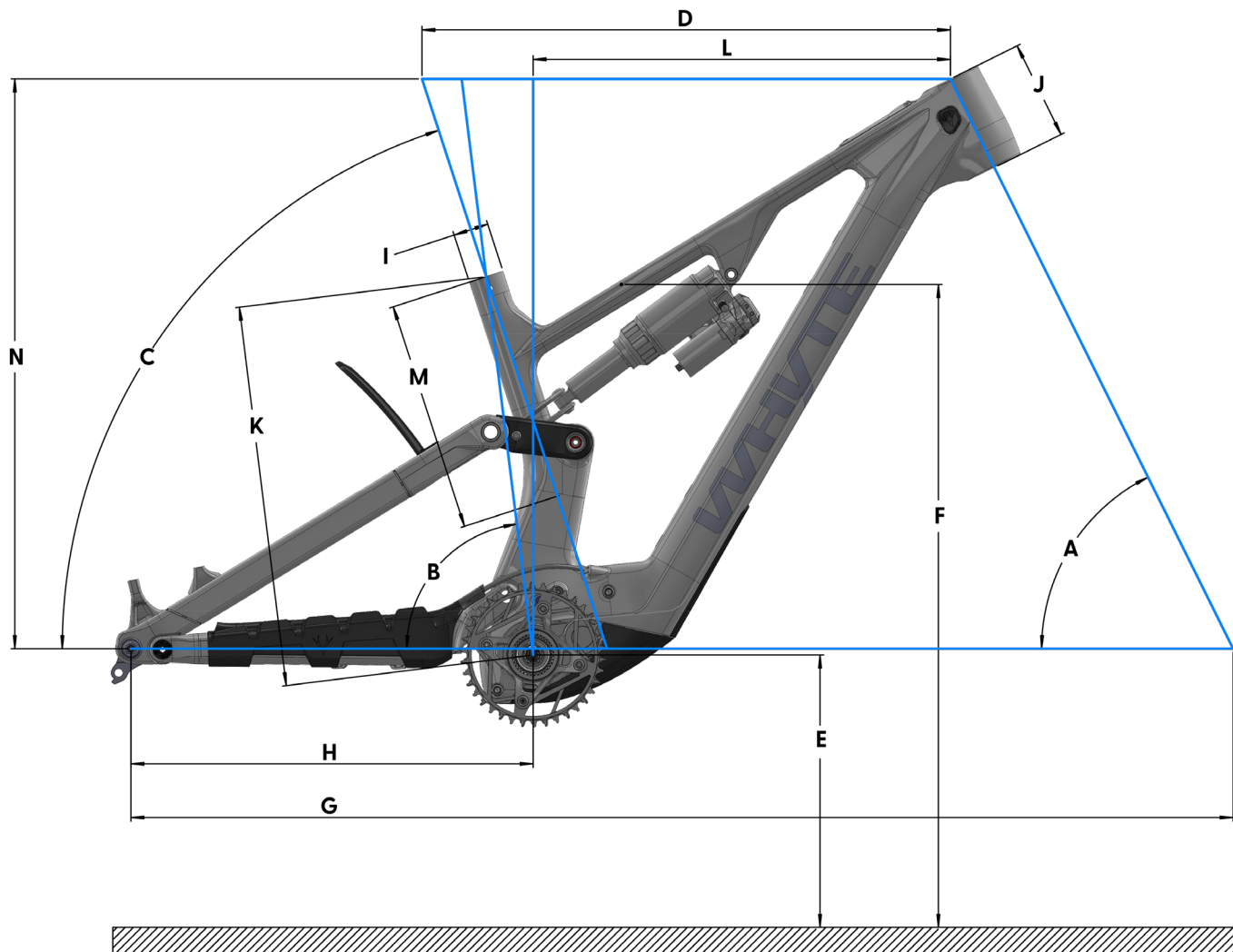


For frame contact fixings please refer to the relevant bolt marking for torque information. If there is no clear and obvious marking stating the correct torque rating, please contact your Whyte retailer who will be able to assist. Incorrect torque settings can damage your eBike and put the rider at risk.

KARVE EVO (MX) GEOMETRY



Geometry dimensions shown are based upon a KARVE EVO featuring 180mm of front suspension and mixed wheel configuration (29/27.5). The geometry can be modified from a 'HIGH' - 'LOW' position by altering the position of the shock link. See website link below for further details: <https://whytebikes.com/products/shape-it-link>

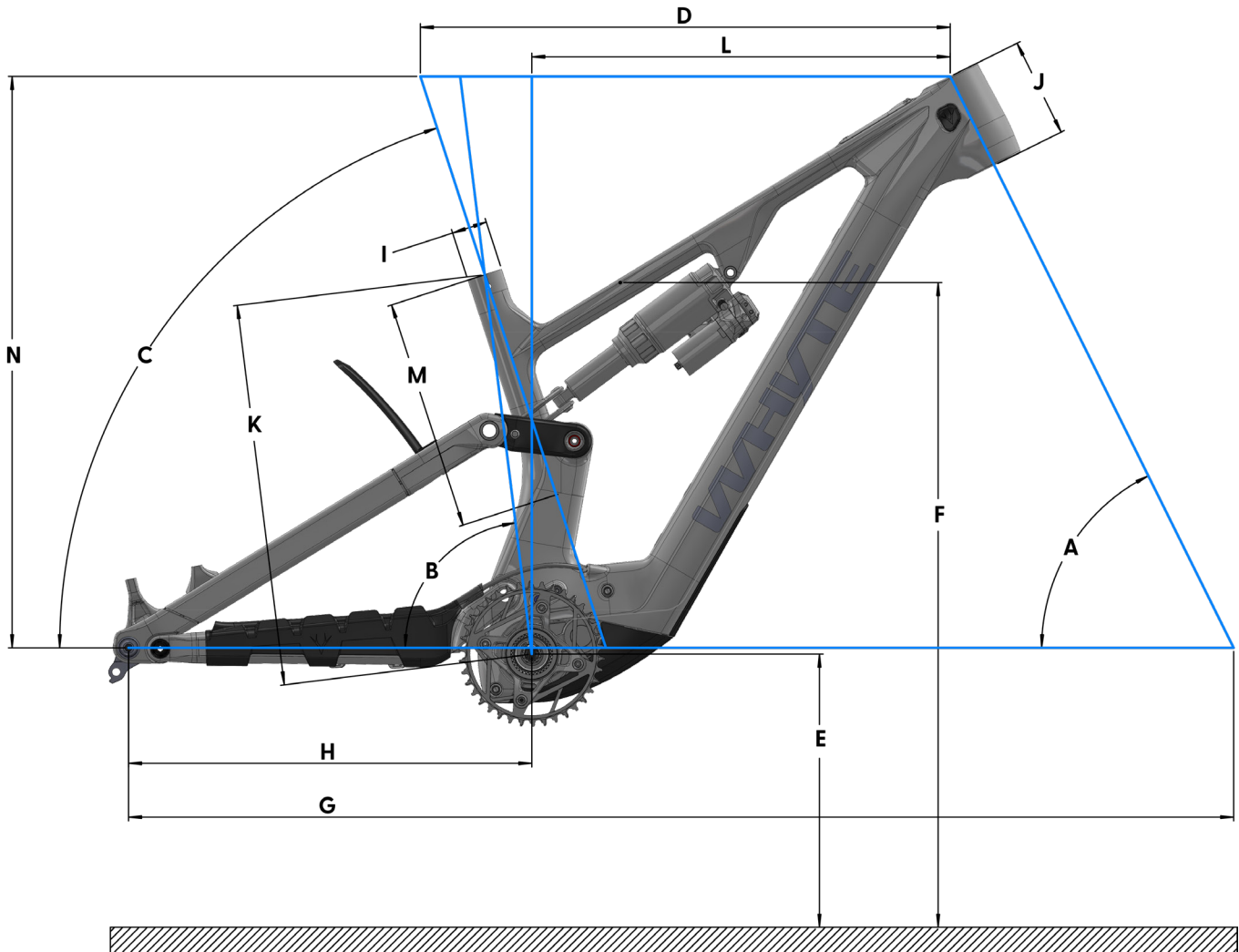


KARVE EVO (29/27 MX)				
DIMENSION	SMALL	MEDIUM	LARGE	X-LARGE
'A' HEAD ANGLE	63.3°/62.7°	63.3°/62.7°	63.3°/62.7°	63.3°/62.7°
'B' EFFECTIVE SEAT TUBE ANGLE	79.3°	78.8°	78.2°	77.6°
'C' ACTUAL SEAT TUBE ANGLE	71.7°	71.7°	72.2°	72.7°
'D' TOP TUBE HORIZONTAL	553mm	583.5mm	618mm	654mm
'E' BB HEIGHT	350.1mm / 341.7mm	350.1mm / 341.7mm	350.1mm / 341.7mm	350.1mm / 341.7mm
'F' STAND OVER HEIGHT	795mm	795mm	795mm	795mm
'G' WHEELBASE	1229mm	1259mm	1300mm	1342mm
'H' REAR CENTRE	445mm	445mm	455mm	465mm
'I' SEAT POST DIAMETER	34.9mm	34.9mm	34.9mm	34.9mm
'J' HEAD TUBE LENGTH	97mm	109mm	121mm	137mm
'K' SEAT TUBE LENGTH	395mm	420mm	445mm	470mm
'L' REACH	432mm	457mm	482mm	507mm
'M' SEAT-POST INSERTION DEPTH	250mm	275mm	300mm	325mm
'N' STACK HEIGHT	626mm	637mm	647.5mm	661.9

KARVE (29) GEOMETRY



Geometry dimensions shown are based upon a standard KARVE featuring 160mm of front suspension and 29" wheel configuration. The geometry can be modified from a 'HIGH' - 'LOW' position by altering the position of the shock link. See website link below for further details: <https://whytebikes.com/products/shape-it-link>



KARVE (29)				
DIMENSION	SMALL	MEDIUM	LARGE	X-LARGE
'A' HEAD ANGLE	64 °/63.5 °	64 °/63.5 °	64 °/63.5 °	64 °/63.5 °
'B' EFFECTIVE SEAT TUBE ANGLE	80.1°	79.6 °	79 °	78.4 °
'C' ACTUAL SEAT TUBE ANGLE	72.4 °	72.4 °	72.9 °	73.4 °
'D' TOP TUBE HORIZONTAL	564mm	594mm	629mm	664mm
'E' BB HEIGHT	350.8mm / 642.6mm	350.8mm / 642.6mm	350.8mm / 642.6mm	350.8mm / 642.6mm
'F' STAND OVER HEIGHT	795mm	795mm	795mm	795mm
'G' WHEELBASE	1220mm	1250.5mm	1291mm	1333mm
'H' REAR CENTRE	445mm	445mm	455mm	465mm
'I' SEAT POST DIAMETER	34.9mm	34.9mm	34.9mm	34.9mm
'J' HEAD TUBE LENGTH	97mm	109mm	121mm	137mm
'K' SEAT TUBE LENGTH	395mm	420mm	445mm	470mm
'L' REACH	444mm	469mm	494mm	519mm
'M' SEAT-POST INSERTION DEPTH	250mm	275mm	300mm	325mm
'N' STACK HEIGHT	615mm	626mm	637mm	651mm

SPECIFICATIONS

	KARVE	KARVE EVO
FRONT FORK TRAVEL	160mm	180mm
REAR SUSPENSION TRAVEL	161mm/164mm	177mm/180mm
HEADSET	1-1/8" – 1.5"	1-1/8" – 1.5"
SEAT CLAMP	38.9mm	38.9mm
DROPOUT	12mm x 148mm	12mm x 148mm
SHOCK DIMENSION	230mm x 57.5mm	230mm x 62.5mm
CHAIN RING SIZES	MIN:36T MAX:38T	MIN:36T MAX:38T
MAX TYRE WIDTH	2.5" 63.5mm	2.5" 63.5mm
FRONT DISC DIA	220mm	220mm
MAX REAR DISC DIA	220mm	220mm
REAR AXLE	L180mm, TL20mm, M12x1.0 Thread Pitch	L180mm, TL20mm, M12x1.0 Thread Pitch

CUSTOM TUNING & REPLACEMENT PARTS

Single & Dual crown fork installation.

- Always consult your Whyte retailer for guidance when replacing or changing your suspension forks.
- Always follow the suspension fork manufacturers instruction for installation, set ups and maintenance.
- The Karve can accommodate a dual crown fork but the axle to crown length must be maintained and not exceeded. Ensure dual crown forks are fitted with bump stops to ensure there is no direct contact with frame and fork during handlebar rotation.

SHOCK AND FORK DETAILS					
MODEL	FORK TRAVEL	FORK OFFSET	MAX. AXLE TO CROWN	REAR WHEEL TRAVEL	SHOCK DIMENSIONS
KARVE	160mm	44mm	576mm	177/180mm	230x62.5mm
KARVE EVO	180mm	44mm	596mm	161/164mm	230x57.5mm



Replacement parts must meet the safety standards of EN ISO 4210, EN ISO 15194 and be suitable for the usage category assigned to your bike model. All Whyte bikes are clearly marked with an EN17406 / ASTM bike usage category sticker. If you require any support when purchasing replacement parts please contact your Whyte retailer.



The maximum permitted fork length must be observed at all times. The use of longer forks can force the frame outside the limits for which it was designed. Damage caused by non-compliance with these instructions is not covered by the warranty and could put the users safety at risk. Changes to fork lengths will alter the geometry of the bike affecting the way the bike performs. Whyte Bikes strongly recommend that the axle-crown length is maintained.

Whyte understands that riders have their own specific set-ups, styles, personal preferences and desired aesthetics for their bikes. This may result in changing stock components on the bicycle. This is not recommended by Whyte as replacement parts may not be suitable and affect the bikes performance and riding habits. If you change any components be sure to contact a Whyte retailer for advice on compatibility. All parts should be fitted by a qualified mechanic and regularly checked.



Whyte does not recommend changing stock parts. This may affect the riding characteristics of the bike, damage to the bike, and could lead to an accident. All parts fitted to Whyte bikes should be completed by a qualified professional mechanic. If you have any doubts please contact your Whyte retailer.



WARNING! Do not modify or alter your eBike, or install additional equipment with the intention of increasing the performance and/or top speed of the eBike. Modifying an eBike to increase its performance or speed may be unlawful and can result in component failure or a loss of control, leading to a crash resulting in serious personal injury or death.



Only use the battery supplied with your eBike, or a replacement battery that is designed specifically for use with your eBike. Only use a charger that is supplied with your battery, or that is confirmed as compatible by the battery or eBike manufacturer. Do not use other chargers or power supplies to charge your battery pack.

There are many components and accessories available to enhance the comfort, performance and appearance of your eBike. However, if you change components or add accessories, you do so at your own risk.

Whyte may not have tested that component or accessory for compatibility, reliability or safety on your eBike. Before installing any component or accessory please check for approval from your Whyte retailer first. Examples of accessories that require approval include, but not limited to a different size tyre, a lighting system, a luggage rack, a child seat or a trailer.

Be sure to read, understand and follow the instructions that accompany the products you purchase for your eBike.

TYRES



The KARVE accommodates wheels up to 63.5 mm wide. Do not exceed the maximum tyre width stated in this manual. Warranty conditions do not cover damage to the frame or components caused by using tyres outside the specified limits.

SEAT-POST



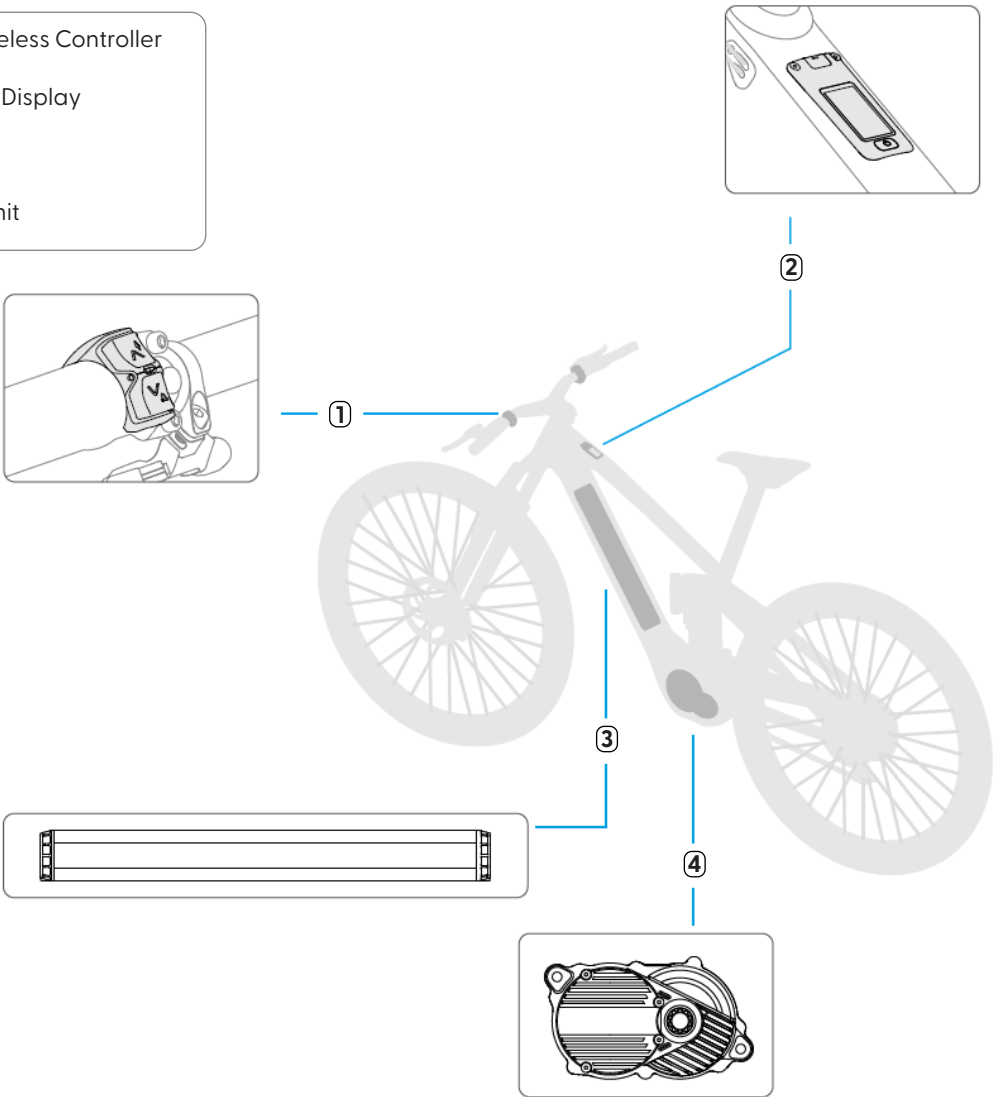
The Karve has a minimum 100 mm insertion of the seatpost into the frame. Always pay attention to the seatpost manufacturers guidelines on minimum and maximum insertion depths that are etched on the post. Frame materials or the seatpost itself may experience stresses beyond the conditions for which they were designed. Any breakage resulting from non-compliance with the minimum seatpost insertion is excluded from warranty coverage.



Pay attention to all markings on the seatpost collar. Do not over tighten and exceed the recommended torque ratings. For carbon frames we recommend using carbon friction paste on the seatpost to stop the collar binding. Apply carbon friction paste periodically.

KARVE SYSTEM OVERVIEW

- 1. Left Wireless Controller
- 2. Control Display
- 3. Battery
- 4. Drive Unit



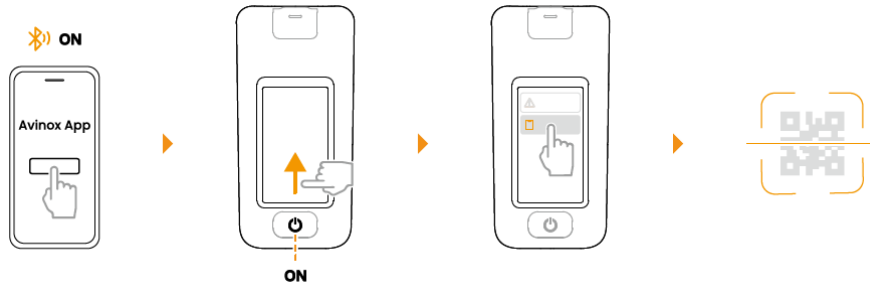
AVINOX RIDE APP

DOWNLOAD

Whyte recommends to connect with the Avinox APP for a better user experience. Scan the QR code to download the latest Version.



The Avinox Ride APP pairs with the Karve eBike via Bluetooth to enable smart features like bike security, data recording, and custom assist modes. Users can pair by scanning a QR code in the eBike's display settings, ensuring Bluetooth and internet are active. The APP requires iOS 15.0 or Android 10.0 and above.



1. Press and hold the power button of the control display to power on.
2. Swipe up on the screen to enter Settings and tap Pair to APP to view the QR code.
3. Make sure Bluetooth and network are enabled on your mobile device. Open Avinox APP, then tap Pair and scan the QR code to pair.

SYSTEM UPDATES

When connected with the drive system, there will be a prompt in the APP if a version update is available. It is recommended to update to the latest version to get a better user experience.

Make sure there is enough battery power before updating. During the update, make sure the signal on your phone is strong, and that the Bluetooth connection remains stable. DO NOT move the bike or power off the control display.

ACCESSORIES

Avinox also provides accessories designed to work with the drive system. Visit the link below for more details:

<https://www.avinox-ebike.com/accessories>

BIKE PROTECTION

The drive system provides bike protection functions, allowing users to set a digital password and use the phone as the Bluetooth key to unlock the bike automatically. If the bike is moved by accident, it will sound an alarm and the APP will also receive a notification.



- The bike protection functions may not be available for extended use when the bike is in an environment below 0° C (32° F) or the battery level is lower than 5%.
- It is only supported to set the bike protection functions when the bike and mobile phone are connected via Bluetooth.
- The notifications can be pushed to the mobile phone only after enabling the APP notification permission on the phone.

Password Authentication

Open the APP, tap Bike Protection > Password Authentication. Follow the instructions to set the password. After setting on the APP, restart the control display and enter the password on the bike screen to unlock, indicating that the password authentication is now effective.

Mobile Key Unlock

After enabling the password authentication, users can enable Mobile Key Unlock function.

1. Open the APP, tap Bike Protection and then enable Mobile Key Unlock. When enabled, the bike will be automatically locked when powered off.

2. When you are close to the bike with the paired phone, powering on the control display will automatically unlock the bike without entering the password.



- The drive system will power off and be locked automatically when the parking time exceeds the set duration of auto power off.
- It is recommended to also use a physical lock for added security.

THEFT DETECTION

After enabling Password Authentication, users can enable Theft Detection function.

1. Open the APP, tap **Bike Protection > Theft Detection**.

2. After enabling the function, if any accidental movement is detected while the bike is locked:

- The control display will sound an alarm and an alert will display on the screen.
- The APP will prompt a notification at the same time.



- The accident movement will trigger a notification in the APP only if the bike and mobile phone remain connected. Otherwise, only the control display will sound an alarm.

3. Tap View Bike Location in the APP to check the real-time location and movement trajectory of the bike on the map.

- If there is no risk of theft, tap **Beep off & Keep Locked** in the prompt to disable the beeping. The bike will remain locked.
- If the movement is authorised, tap **Authorise & Unlock** to unlock the bike or tap **Cancel** and enter password on the bike screen to disable the alarm and unlock the bike.



- After tapping **Authorise & Unlock**, the theft detection function will be disabled for an hour. The alert will not be triggered by any movement in that period.

4. To disable the function, tap Bike Protection > Suspend Temporarily and select the suspending time.

Disabling Bike Protection

Users can disable the bike protection functions in the APP. It is required to enter the password when disabling the password authentication function. Once disabled, mobile key unlock and theft detection functions will no longer be available. Users can also disable these two functions individually when the password authentication is still available.

SMART HEART RATE CONTROL

After Smart Heart Rate Control is enabled, the motor will dynamically adjust the assistance based on your real-time heart rate during riding. Some parameters in the assist modes cannot be customized while this feature is enabled.

Connecting a Heart Rate Monitor

1. Press and hold the power button of the control display to power on, and then power on the heart rate monitor.
2. Enable heart rate broadcasting on the heart rate monitor.
3. Swipe up on the control display to enter Settings. Tap **Accessories > Add Accessory**, and the system will start searching for nearby devices.
4. Tap the displayed device name to start pairing. Follow the on-screen instructions to complete the connection.



- Different heart rate devices have different ways to enable heart rate broadcasting. For details, refer to the user guide provided by the device manufacturer.
- Different control displays and heart rate monitors support different connection protocols. Switch between ANT+ pairing or Bluetooth pairing according to the supported protocol of your device.

Using Smart Heart Rate Control

1. Tap Custom Assist Modes on the home screen in the APP, or swipe up on the control display to open the settings page and then tap Custom Assist Modes. Tap the icon in the upper-right corner and enable Smart Heart Rate Control.
2. Set your Target Heart Rate, Fluctuation Range, and High Heart Rate Alert. You can view your current heart rate on the control display. During your ride:
 - If your current heart rate is too low, the system will appropriately reduce the assistance so that you put in more effort and your heart rate gradually increases.
 - If your current heart rate is high, the system will increase the assistance to reduce your pedalling effort and bring your heart rate back into the set range.
 - When your heart rate goes above or below the set range, the system will beep and display a pop-up alert, prompting you to adjust your riding pace.
 - If you receive a high heart rate alert, reduce your exercise intensity, or consider stopping the ride to avoid accidents.

ADDING ACCESSORIES

The drive system is able to connect with various accessories, providing more ways to record data during riding.



- It is not supported to connect to multiple accessories of the same type simultaneously. Disconnect from the previous device before pairing with a new one.
- When connecting a new wireless controller, press and hold the up and down buttons on the wireless controller simultaneously until the indicator flashes

1. Press and hold the power button of the control display to power on, and then power on the accessory.
2. Swipe up to enter Settings. Tap Accessories > Add and the system will start searching for nearby devices.
3. Tap the device name displayed on the control display to start pairing. Follow the on-screen instructions to complete the connection.

The added devices are displayed on the Accessories page. Tap the device name to view the detailed information. Tap Forget Device to unpair with the device.

SETTING CONTROL DISPLAY

Open the APP and tap **Bike Screen Display** to edit, add, and delete the data pages on the control display. After selecting a page, you can change the layout and replace data items in the page.

TOP TIP: Before setting, make sure the drive system is powered on and connected to the mobile phone.

CONTROL DISPLAY NAVIGATION

Once navigation routes are sent to the control display using the Avinox Ride APP, navigation information will be shown on the control display during your ride.

Preparing Routes

There are multiple ways to prepare your navigation routes in the Avinox Ride APP.

Importing Local Files

1. On the APP home screen, tap  to enter the navigation page.
2. Select Local File, tap +, then choose a local route file and import it.

Importing from Third-Party Platforms

1. On the APP home screen, tap  > **Bind to Third-Party Account**, and follow the instructions to complete the setup.
2. The riding routes from the third-party platform will automatically appear on the navigation page.



To sync routes from Komoot, the route must be saved in the Komoot APP and the corresponding map must be unlocked first. Otherwise, the route cannot be synced even if the account is bound.

Generating a Navigation Route From Ride Data

1. On the APP home screen, tap  to enter the ride data page.
2. Select a ride data record, tap  to generate a navigation route based on this record.

Generating a Navigation Route From Ride Data

1. Power on the control display. Ensure the bike and the mobile phone are connected via Bluetooth.
2. After selecting the route in the APP, tap Send to Device. The route will be sent to the
3. control display.

Managing Imported Routes

Swipe up on the control display, then select Navigation > Imported to view the imported

Using Control Display Navigation

After you get to the starting point of the route, make sure the bike has acquired a GNSS signal before starting navigation.

1. On the navigation page of the control display, select the route and tap **Start Navigation**.
2. Tap  to preview the entire route, and tap  to switch back to navigation mode. Tap  to temporarily exit the navigation interface. The navigation task will keep running in the background. Swipe right on the control display to open Control Center, then tap the ongoing navigation task to return to the navigation interface.
3. Tap any blank area on the navigation interface, and  will appear on the display. Tap  and follow the prompt to end navigation.

Turn Alarm function is enabled by default. A turn prompt will appear on the control display and a beep will sound as a turn approaches.

SMOOTH SHIFT

This section only applies to KARVE RSX and WORKS models where electronic gear-shifting comes as standard.

Power on the control display and swipe up, then tap SmoothShift to enable the function. Once enabled, you can complete gear shifts without pedalling when starting, descending, or preparing to stop.



This function requires a compatible derailleur. Check the on-screen instructions for specific model requirements. The Karve RSX and Karve EVO RSX come as standard with a compatible derailleur. All Karve models can be upgraded to enable this feature. For assistance with the upgrade please contact your Whyte retailer.

SRAM AXS

The Karve uses SRAM AXS's electronic gear-shifting system powered by extension cord instead of basic removable batteries. It is a component of the Eagle Powertrain system that allows the derailleur to be powered directly from the e-bike's main battery, rather than using a separate AXS battery.

SYSTEM PAIRING

Whyte bicycles with the Sram AXS electronic gear-shifting system come prepared from your Whyte retailer. However, it is recommended to consult the pairing recommendations to know how to act in case of unpairing of the system during use. Please note you may need to download the SRAM AXS APP to complete the pairing process.

For a full guide to pairing your SRAM AXS system please visit the link:
<https://www.sram.com/en/learn/mountain/how-to-guides/axs-pairing-guide>



The Sram AXS electronic gear-shifting system levers are powered by a CR2032 button cell battery and are not rechargeable. Once the battery runs out, the lever stops working and it is therefore no longer possible to use the bicycle's gear shift. The battery life depends on individual use, but it is typically around one year. It is highly recommended to carry a spare battery at all times to avoid major problems.

ADVANCE FEATURES

Swipe up on the control display to open the settings page, then tap Advanced Features to enable functions such as Gear Shifting Suggestions, Extreme Attitude Protection, Freehub Pre-Engagement, Quick Start, Chain Protection, and more. Check the on-screen descriptions for more details about each feature.

ASSIST MODES

The drive system provides four standard assist modes:

Auto, Eco, Trail, Turbo and also supports Boost mode with high power output and Walk mode.



- Refer to Control Display and Wireless Controllers section to learn how to switch the assist modes.
- When connected to the APP, users can customise the assist parameters. Refer to Customising Assist Modes for more details.

STANDARD MODES

The four standard modes offer varying levels of assistance to handle different riding scenarios.

Auto: This mode automatically adjusts assistance based on different riding situations, providing a moderate level of assistance to enhance the range.

Eco: With gradual start-up acceleration and lower assistance, this mode conserves battery energy and is suitable for long-distance flat terrain riding.

Trail: This mode provides moderate start-up acceleration, stronger assistance and is suitable for cross-country technical routes.

Turbo: This mode provides maximum assistance and is suitable for steep slopes.

BOOST MODE

In addition to the standard assist modes, the drive system also supports the Boost mode with extra assistance for a short duration, which can help users riding with greater drive torque and power. This mode is suitable for challenging riding scenarios such as overcoming obstacles and climbing hills.

Press and hold  to activate Boost mode. During the period, the assistance will shut off when you stop pedalling. To exit Boost mode, press the power button or assistance level increase/decrease buttons.

WALK MODE

Press and hold  to activate Walk mode, then press and hold the button to get power assistance when pushing the bike or starting upon an incline. It also supports auto-hold to prevent roll back on slopes. The assistance will shut off automatically when the user stops pressing or the speed exceeds 6km/h.

Stationary Gear Shifting

Stationary gear shifting is supported when using Walk mode. After activating Walk mode, press the shift lever and lift the rear wheel, then press  twice to shift gears quickly.



- Only use Walk mode when pushing the bike. Using in inappropriate situations may cause accidents and personal injury.
- Ensure to keep your body away from the rotating crank and pedals to avoid injury when using Walk mode to assist pushing the bike and gear shifting.

CUSTOM ASSIST MODES

Open the Avinox Ride APP and tap Custom Assist Modes, users can view, re-order and adjust the parameters of Auto, Eco, Trail and Turbo according to their preferences and scenarios. The Avinox Ride APP allows the rider to create custom modes where the individual characteristics can be fine tuned.



Make sure the drive system is powered on and connected to the APP when setting the assist modes.

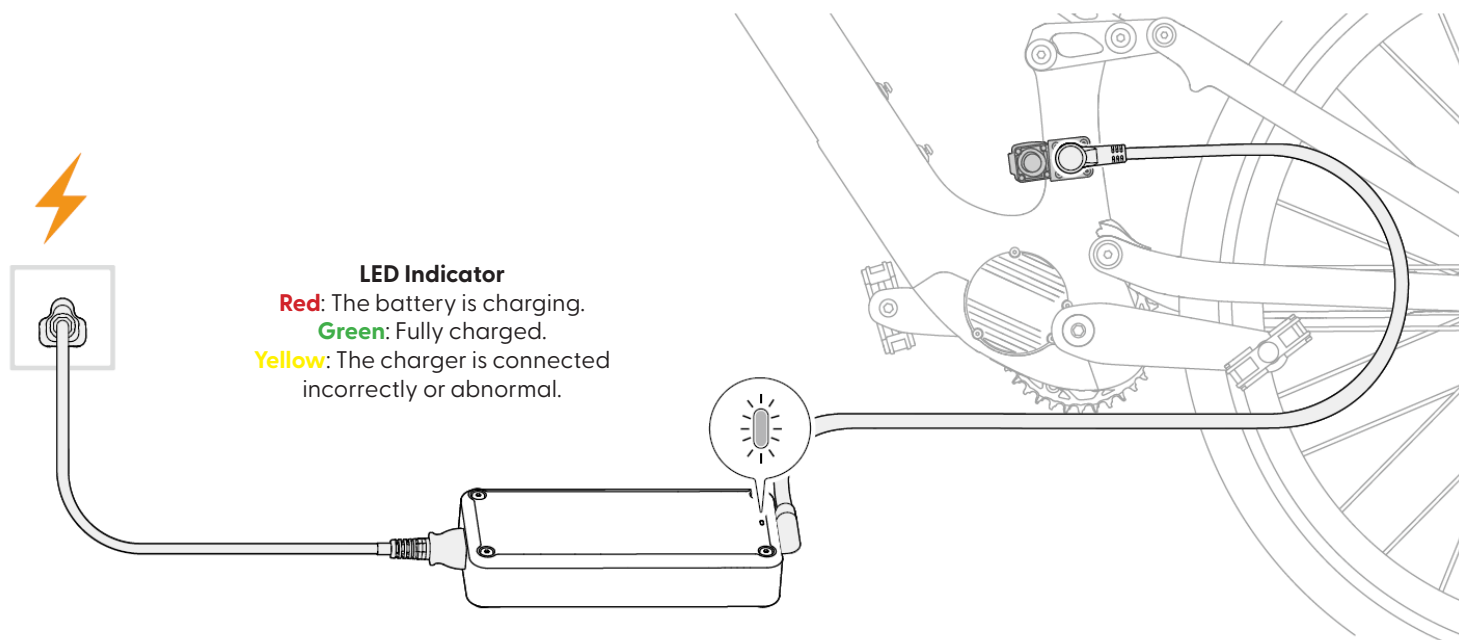
CHARGING



- Make sure to use the official charger to charge the battery.
- While charging, make sure not to move the bike and place the charger on a level surface.

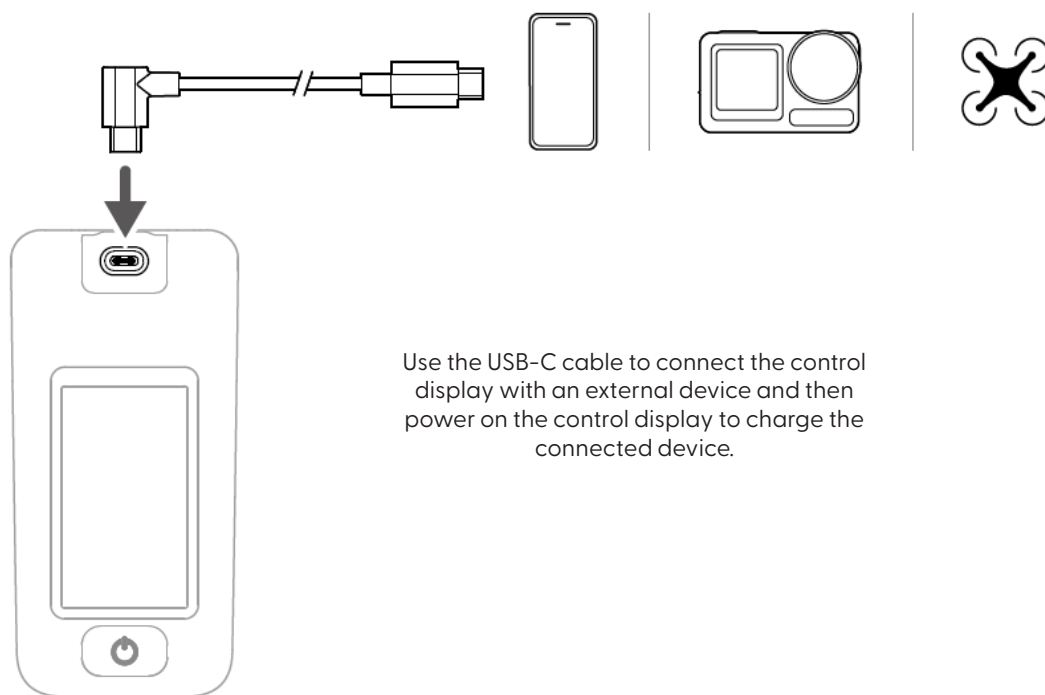


Battery charging limits can be adjusted within the Avinox Ride APP. Reducing charge limits can extend the life span of the battery.



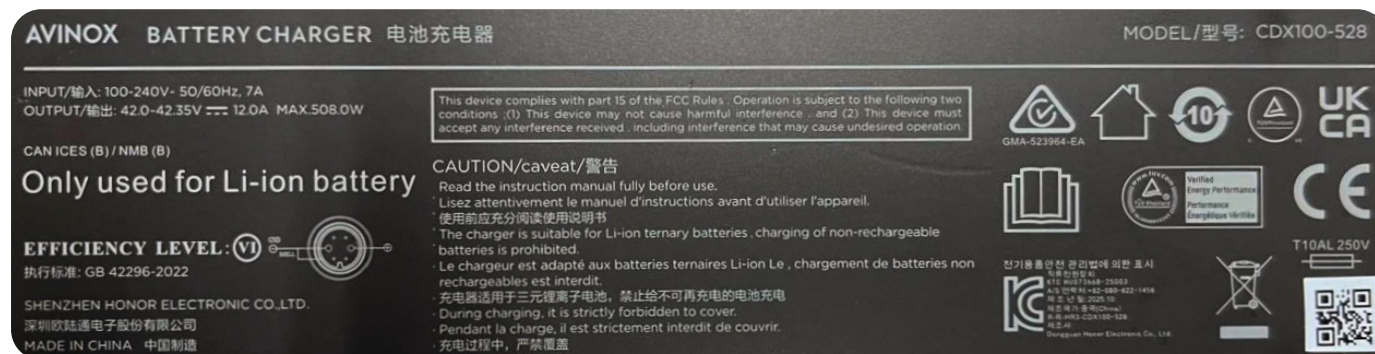
1. Open the charging port cover and connect the charger.
2. During charging, the bike screen will display the current battery level.
3. Unplug the charger and close the port cover after the battery is fully charged. DO NOT pull the power cable by force when removing the charger.

EXTERNAL DEVICES



Use the USB-C cable to connect the control display with an external device and then power on the control display to charge the connected device.

A sticker in English is adhered to the bottom of the charger. Pay attention to sticker warnings (example below).



- Carefully read, understand and follow all warnings and instructions for charging your battery. Failure to do so can lead to an electrical shock or sudden and severe fire, resulting in serious personal injury or death.
- Do not use a power inverter to charge the battery. Incorrect or excessive voltage can result in overheating, which can damage the battery and reduce the battery's lifespan. This could cause a sudden and severe fire resulting in serious personal injury or property damage.



- Always ensure your charger is used in the correct orientation. The rubber feet on the underside of the charger should be contact with a flat stable surface.
- Do not operate the charger on an easily ignited surface (e.g. paper, textiles, etc.) or in a flammable environment. There is a risk of fire due to the charger heating up during operation.



- Do not ride or carry out maintenance to the eBike with the charger connected.
- Do not move the eBike or allow it to fall while it's charging. Make sure the eBike is stable and cannot move easily.
- If the battery becomes too hot, starts to emit smoke or a strong odour, shows any signs of deformation/ bulging, or shows signs of unusual characteristics, discontinue use of the battery.



- Do not continue to use if the charger port or cable shows signs of wear or other damage.
- Disconnect the battery from the charging device when it is fully charged. Do not overcharge the battery. Otherwise, the battery cells may be damaged.
- The battery life may be reduced if it is charged at a high temperature. After each ride, allow the battery to cool down to approximately room temperature before charging. Charging the battery at a temperature of 0° to 40° C (32° to 104° F) can extend the battery life significantly.
- Do not charge in a wet environment, and make sure the charging port is dry. Keep the battery well-ventilated and cool.
- Do not charge the battery unattended. Do not move the bike or rotate the cranks while the charger is plugged in.
- This product is not intended for persons with physical, mental, or sensory impairments.
- To avoid burns, do not touch the charger with your hands while charging.

MAINTENANCE

- Regularly check the battery terminals. If oxidation, blackening, or dirt is found, wipe with a dry cloth or a specialized cleaner while the power is off.
- Ensure the battery plugs in smoothly and the connection is secure.
- Check the charging cable for damage, cracked insulation, or deformed plugs. If any damage is found, replace immediately.

M2S MOTOR

AVINOX M2S DRIVE UNIT

Weight	Approx. 2.65kg
Protection Rating	IP66
Torque Density	49 N·m/kg
Maximum continuous torque	30 N·m (Normal); 150 N·m (Boost)
Nominal power	250 W
Peak power	1300 W
Walk Mode	Available
Max. Cadence	150 rpm
Maximum assistance speed	15.5 mph (25km/h)

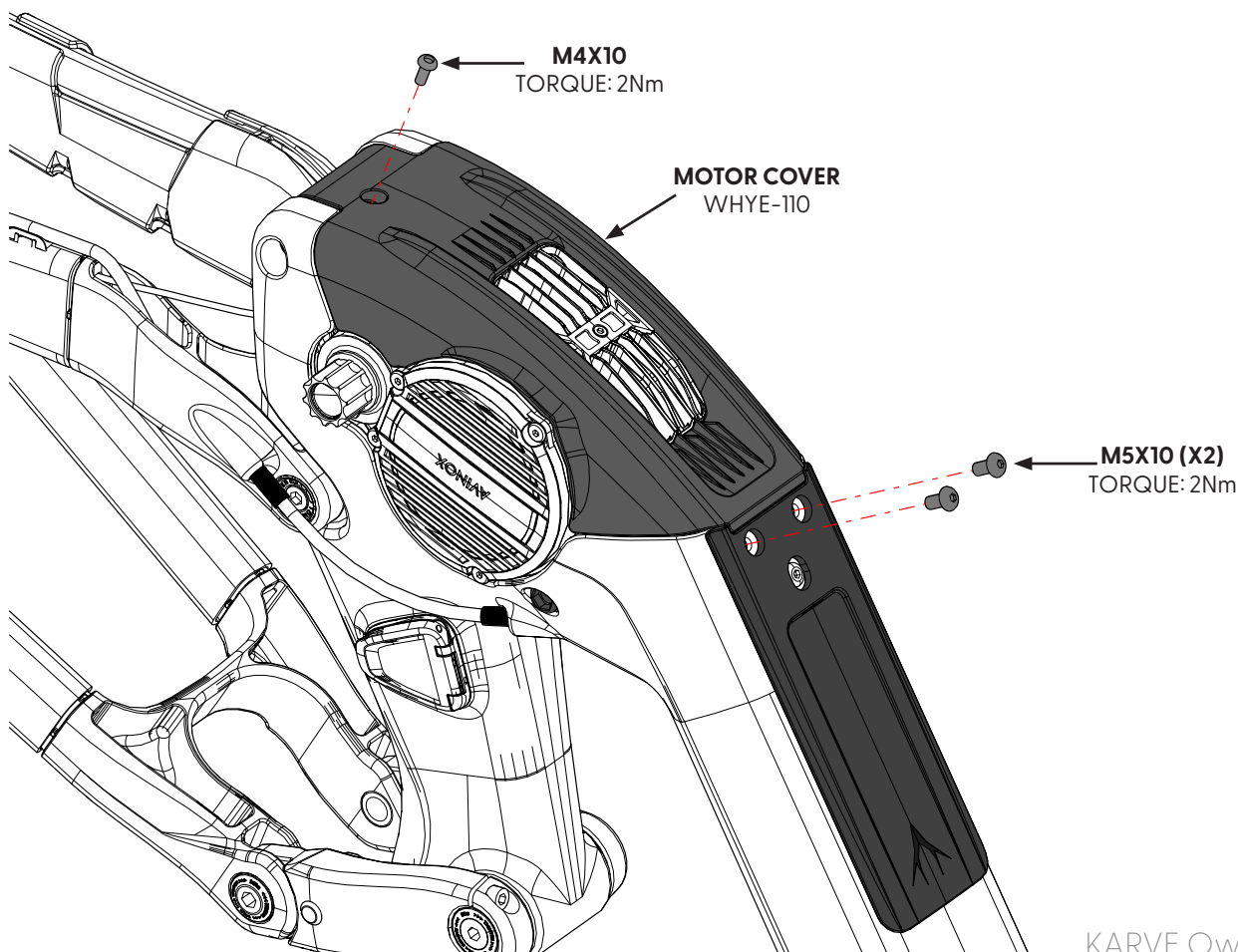
MAINTENANCE

Whyte recommends that you clean the underside of the motor regularly, particularly after riding the bicycle in dusty or muddy conditions. A build-up of dirt or debris on the underside of the motor and radiator can hinder the cooling of the motor. If the motor system overheats, an error message may appear on the display, automatically limiting the motor's power output. When the drivetrain system detects an error, a warning will appear on the bicycle's display. Swipe up on the screen to enter Settings and tap on System Status for details of the warning and the corresponding solution.

When cleaning your motor ensure the eBike isn't switched on. Use a damp cloth and a very mild detergent if required. Do not use a pressure washer or jet to clean any electrical component as this could result in damaging the electrical system or even causing a fire.

Below pictured are the screws that need to be removed in order to take off the cover and gain access to the motor and radiator for routine maintenance:

- Lift the rear wheel off the ground and rotate the cranks both forward and backward to check for any abnormal noise from the drive unit.
- Regularly check whether the drive unit mounting bolts are tightened to the specified torque.
- If internal components of the drive unit require replacement, strictly follow the Avinox instructions in the Drive Unit Service Guide. Due to the high difficulty, it is recommended to contact your Whyte retailer for assistance.
- Regularly check whether the speed sensor is correctly positioned. Misalignment will affect speed detection accuracy.
- Regularly clean the surface of the speed sensor and speed sensor ring to prevent obstruction by foreign objects.



BATTERY

Battery	800Wh	600Wh
Battery Type	Li-ion	Li-ion
Voltage	35.9 V	35.9 V
Protection Rating	IP56	IP56
Capacity	22.3 Ah	16.7 Ah
Energy	800 Wh	600 Wh
Charging Time	4A charger approx. 5 h 50 min (0-100%) approx. 4 h 28 min (0-75%) 12A charger approx. 2 h 25 min (0-100%) approx. 1 h 30 min (0-75%)	4A charger approx. 4 h 45 min (0-100%) approx. 3 h 3 min (0-75%) 12A charger approx. 2 h 25 min (0-100%) approx. 1 h 30 min (0-75%)
Weight	Approx. 3.74 kg	Approx. 2.87 kg

MAINTENANCE



- It is recommended to tap **Battery** in the Avinox Ride APP to set a charging limit.
- The battery should be stored in a cool and dry environment without direct sunlight at a temperature from 0° to 40° C (32° to 104° F).
- Regularly check the battery level and battery cycle counts. Battery capacity may be affected after using for 500 cycles, which will not impact riding.
- Regularly inspect the battery. Do not use batteries with signs of damage, leaking fluid, or odour and contact the bike manufacturer for assistance.
- Charge the battery promptly when the power level drops below 10%, otherwise the battery life may be affected.
- Do not use alcohol, solvents, or abrasive cleaners to wipe the battery or charger. Use a clean, soft cloth for cleaning.
- Battery performance will be affected if the battery is not used for an extended period. Discharge and charge the battery completely once every three months to keep it in good condition.



- Do not store a battery for an extended period after fully discharging. Otherwise, the battery may over-discharge and cause irreparable damage to the battery cell.
- For long-term storage, remove the battery from the frame and store it out of reach of children. It is recommended to store the battery at a 30% charge level to prevent battery aging or over-discharge.
- When the battery is stored separately, keep the battery terminals away from metal objects to prevent short circuits.
- Before transportation, discharge the battery to below 30%. For long-distance transportation or battery shipping, use a dedicated carrying box to prevent damage. Do not transport a damaged battery. For further information and assistance please contact your Whyte retailer.

DISPOSAL



Batteries, accessories and packaging should be recycled in an environmentally friendly manner. Do not dispose of batteries along with household waste. Apply tape over the contact surfaces of the battery terminals before disposing of batteries.

Do not touch severely damaged eBike batteries with your bare hands – electrolyte may escape and cause skin irritation. Store the defective battery in a safe location outdoors. Cover the terminals if necessary and inform your retailer. They will help you to dispose of it properly. In accordance with Directive 2012/19/EU and Directive 2006/66/EC respectively, electronic devices that are no longer usable and defective/discharged batteries must be collected separately and recycled in an environmentally friendly manner. Please return batteries that are no longer usable to an authorised bicycle retailer.

DISPLAY & CONTROLLER

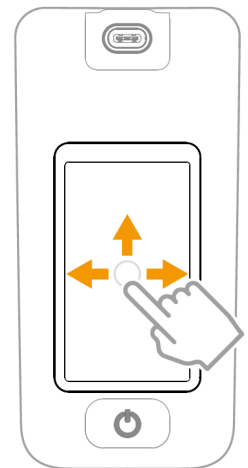
AVINOX DP100 DISPLAY	
Screen size	2 inches
Screen resolution	326 ppi
Maximum screen brightness	800 nits
4G LTE	12 V/2.0 A/24 W
Bluetooth	BLE 5.1
Power output port	USB-C PD3.0 65 W
GNSS	GPS + Galileo + BeiDou + GLONASS + QZSS
Detection system	Integrated IMU, barometer, compass, ambient light sensor (Torque/cadence/wheel speed sensors)
Storage capacity	8 GB
Protection index	IP56

WIRELESS CONTROLLER	
Bluetooth	BLE 5.1
Battery	CR1620
Protection Rating	IP56

OPERATION

After the control display is powered on, it will show the home screen page. Tap or swipe on the screen to interact with the control display.

- Home Screen: Display the basic information.
- Swipe left: Enter the ride data pages, which can be customised in the APP.
- Swipe right: Enter Control Centre.
- Swipe up: Enter Settings to add accessories, set the recording mode and more.



MAINTENANCE

- Use a clean, soft cloth to wipe the screen to avoid scratches.
- If the screen is stained with oil, clean it using a small amount of water or a neutral cleaner. Never use alcohol or alkaline cleaners.
- Regularly check whether the control display mounting bolts are tightened to the specified torque. Over-tightening may damage the housing, while under-tightening may cause it to come loose while riding.
- Press the wireless controller buttons regularly to ensure they have crisp, tactile feedback without sticking. If the button response feels abnormal, foreign debris may be present. It is recommended to contact the bike manufacturer.

TROUBLESHOOTING

When the drive system detects an error, there will be a warning on the control display. Swipe up to enter Settings and tap System Status to learn the warning details and corresponding troubleshooting.



If the issue persists, contact your Whyte retailer for help.

UPLOADING LOG

If an error occurs or the system crashes during use, you can upload the log in the Avinox Ride APP.

Drive System Errors

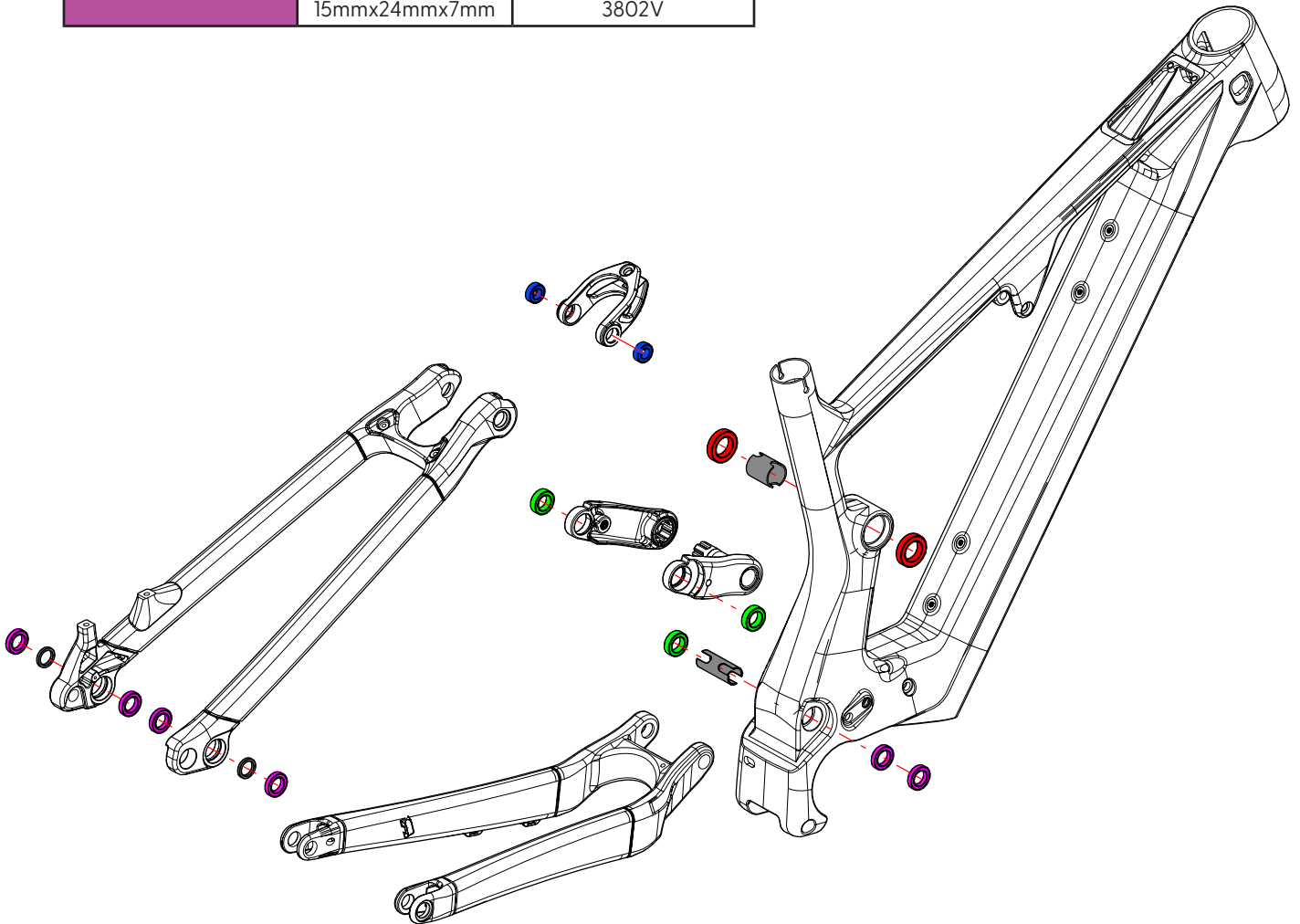
Tap  > **Help** > **Support**, and follow the instructions under Drive System Errors to export and send the logs to the bike manufacturer for analysis.

APP Errors

Tap  > **Help** > **Support** > **APP Errors** to submit any problems you encounter while using the APP and get assistance.

FRAME BEARINGS

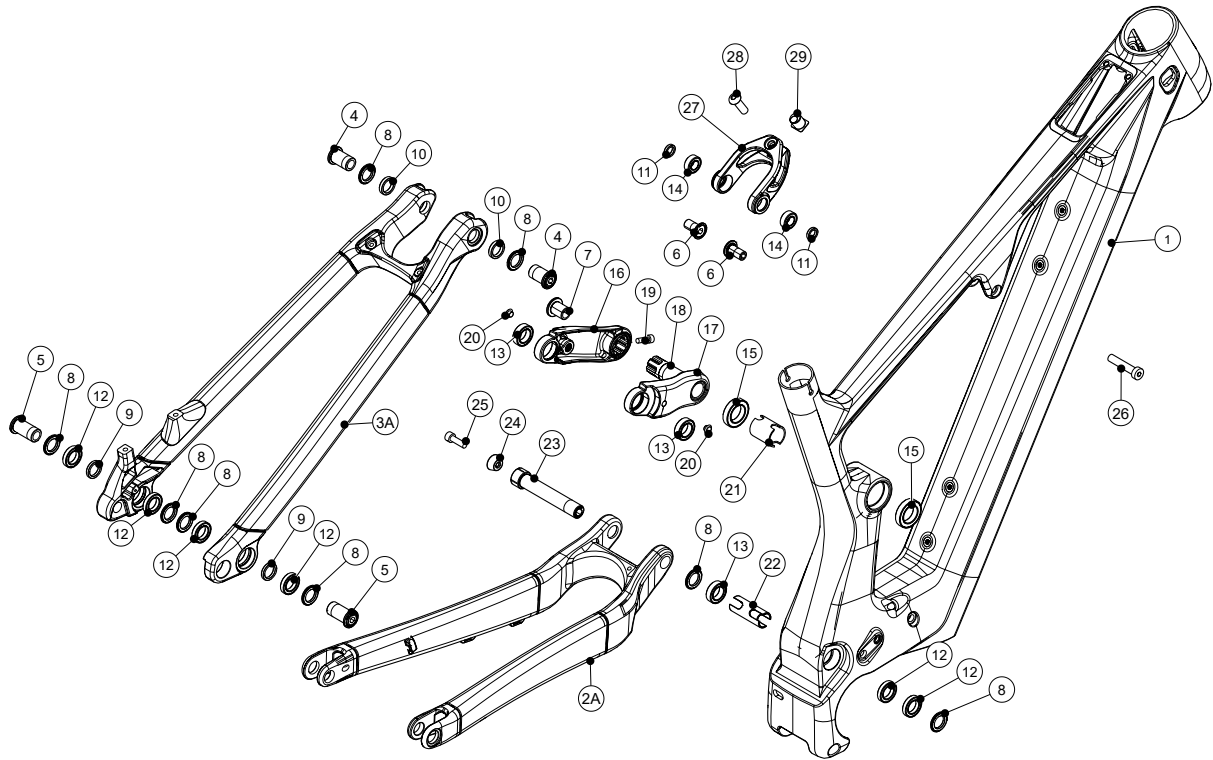
COLOUR REFERENCE	DESCRIPTION	REFERENCE CODE
	15mmx24mmx7mm	3802V2RD
	10mmx19mmx8mm	3800V2RD
	20mmx32mmx7mm	6804V2RD
	15mmx24mmx7mm	3802V



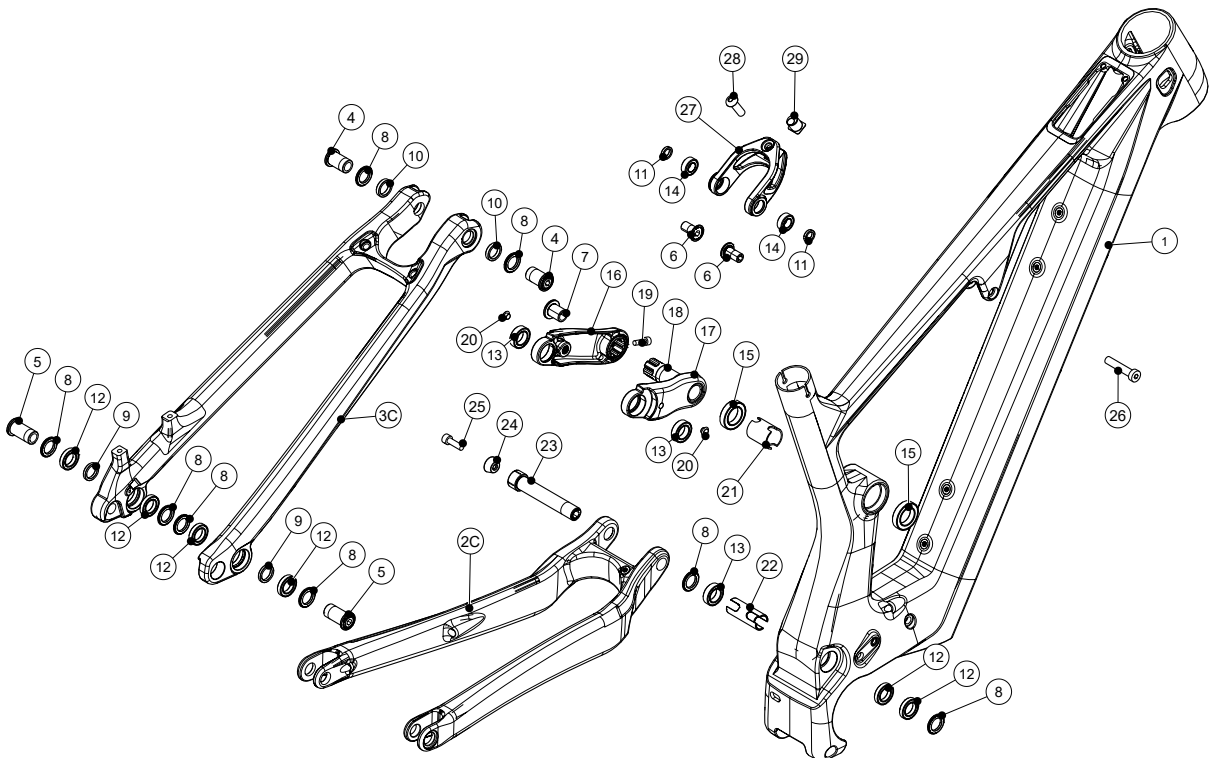
Lifetime pivot bearing warranty

Whyte offer all full suspension bikes with a lifetime warranty on all pivot bearings for the original owner. So when they eventually wear out, we'll supply you a fresh set for free, for life. Just contact your local Whyte retailer whenever you need to claim. Fitting the new bearings is a specialist job so we recommend bearing kits are only fitted by authorised Whyte retailers.

ALLOY REAR TRIANGLE (EXPLODED VIEW)



CARBON REAR TRIANGLE (EXPLODED VIEW)

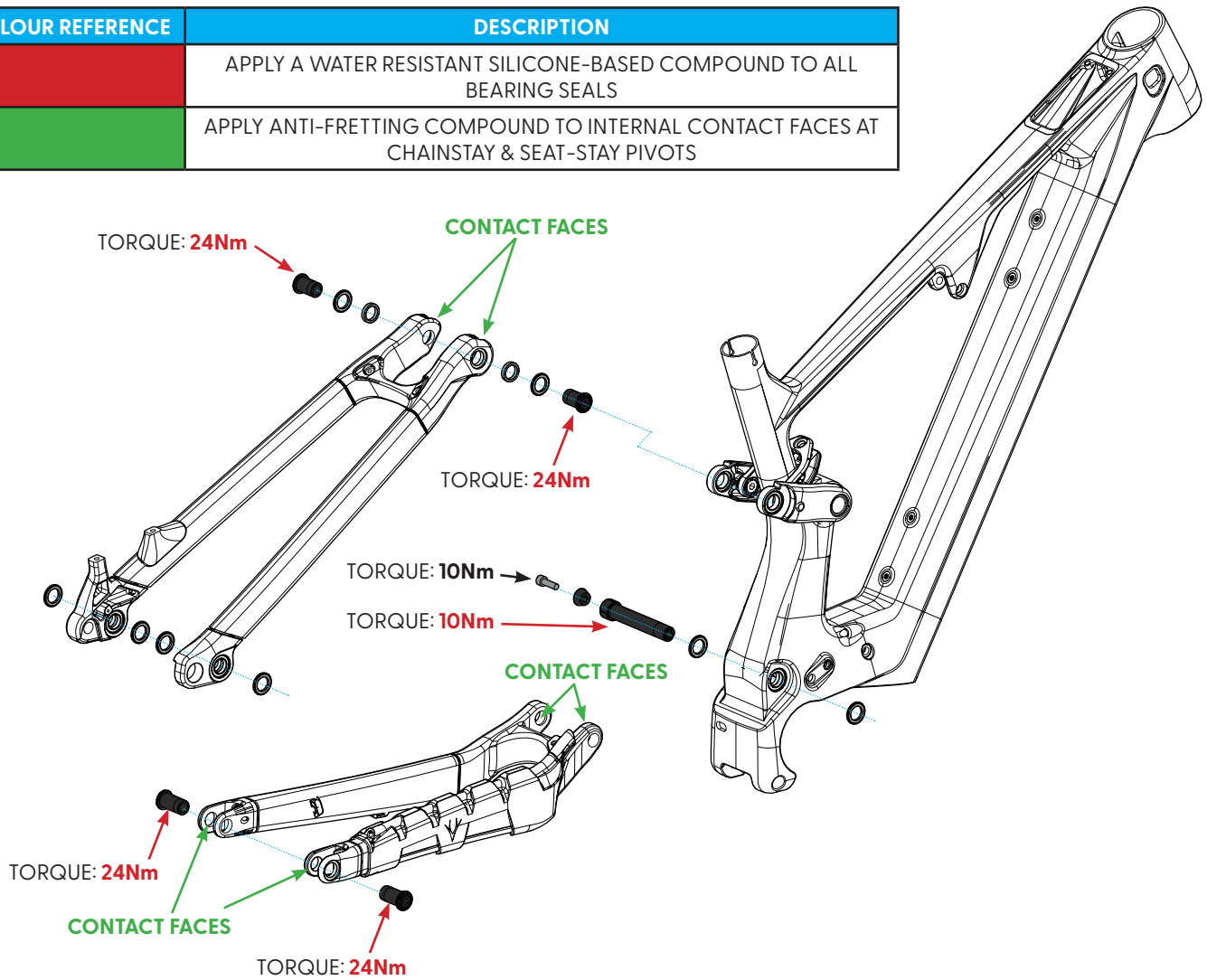


REAR TRIANGLE (EXPLODED VIEW)

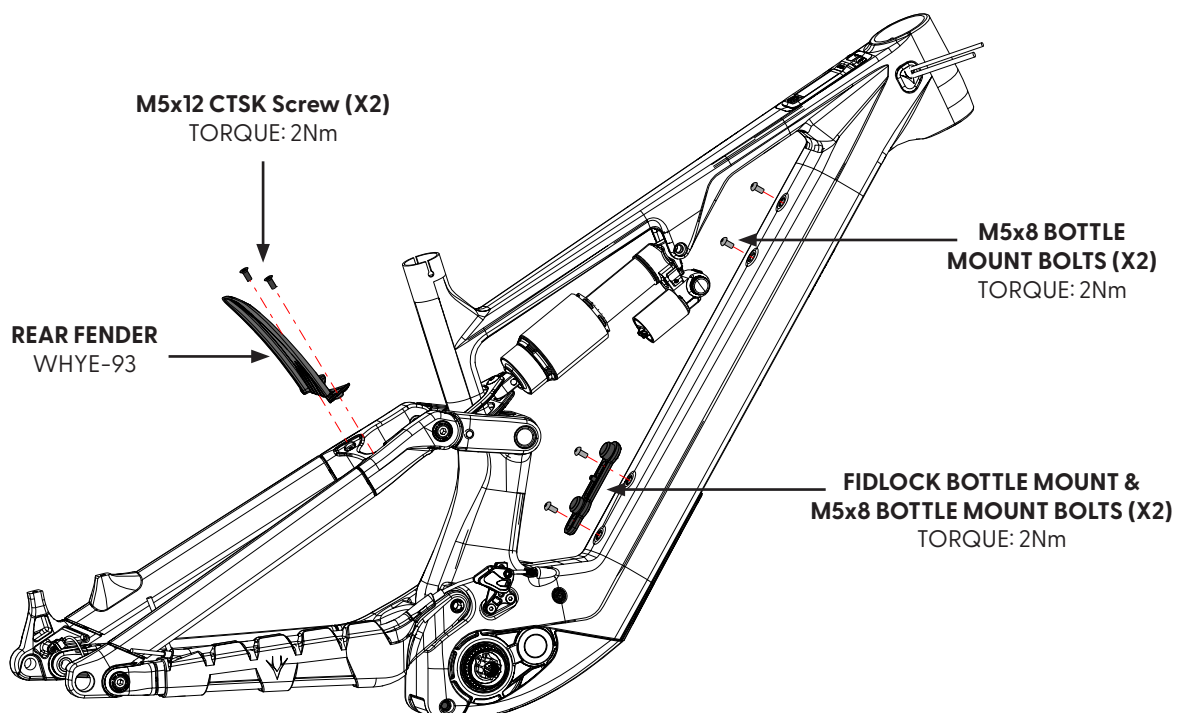
ID	PART NUMBER	DESCRIPTION
1		KARVE CARBON FRONT TRIANGLE
2A		KARVE ALLOY CHAINSTAY
2C		KARVE CARBON CHAINSTAY
3A		KARVE ALLOY SEAT-STAY (469.0MM)
3C		KARVE CARBON SEAT-STAY
4	TB-001-S17-22007V2	SCREW LINK SS V2
5	TB-005-S17-25003	SCREW LINK SS CS V1
6	TB-004-S17-22006	SCREW LINK SE V3
7	TB-003-S17-22004	SCREW LINK PRELOAD
8	WS-001-S17-22013	SHIELD_WASHER_OD23_ID15_2.5W_SS
9	WS-002-S17-22011	SHIELD_WASHER_OD20_ID15_3W_SS
10	WS-003-S17-22012	SHIELD_WASHER_OD20_ID15_4W_SS
11	WS-004-S17-22010	SHIELD_WASHER_OD14_ID10_3W_SS
12	BR-004-6802V2RD-24X15X5	BEARING_6802V2RD_24X15X5
13	BR-001-3802V2RD-24X15X7	BEARING_3802V2RD_24X15X7
14	BR-002-3800V2RD-19X10X7	BEARING_3800V2RD_19X10X7
15	BR-003-6804V2RD-32X20X7	BEARING_6804V2RD_32X20X7
16	RL-001-1-S17-22001	LH_LINK_V3.1
17	RL-001-2-S17-22002	RH_LINK_V3.1
18	RL-001-3-S17-22003	MY25_LINK_AXLE_V3.1
19	SCRW-129-M5X16-S17-22006	M5X15_CAP_HEX
20	GR-006-S17-23008	LINK_PLUG_6MM
21	SR-002-S17-22005	LINK SLEEVE
22	SR-003-S25004	COLLET SLEEVE_18X46L
23	CP-001-S17-23005	COLLET PIN_OD25_85LG
24	CP-002-S17-23004	COLLET INSERT_OD18
25	SCRW-130-M6X20-S17-23002	M6X20_COLLET_SCREW
26	SCRW-129XM8X40-S17-23009	M8X40_CAP_HEX
27	SE-002-SHOCKEXTENDERV2-L	SHOCK_EXTENDER_62-66
28	SCRW-133-M8X24	M8X24_BUT_HEX
29	BS-001-SHOCK BUSH	2020_WHYTE_SHOCK_BUSH_V4

FRONT TRIANGLE REAR TRIANGLE ASSEMBLY

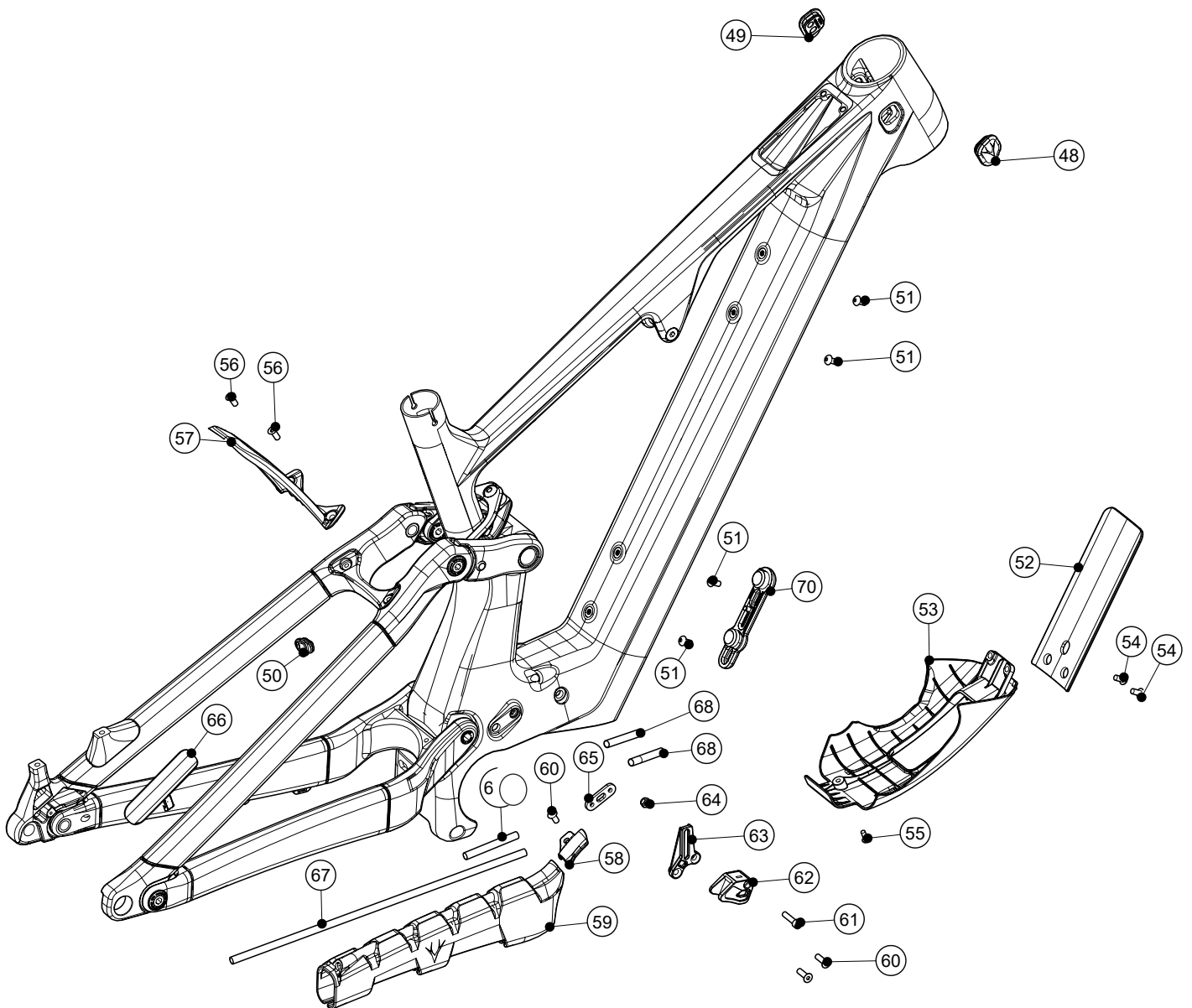
COLOUR REFERENCE	DESCRIPTION
	APPLY A WATER RESISTANT SILICONE-BASED COMPOUND TO ALL BEARING SEALS
	APPLY ANTI-FRETTING COMPOUND TO INTERNAL CONTACT FACES AT CHAINSTAY & SEAT-STAY PIVOTS



REAR FENDER & FIDLOCK



ANCILLARIES (EXPLODED VIEW)



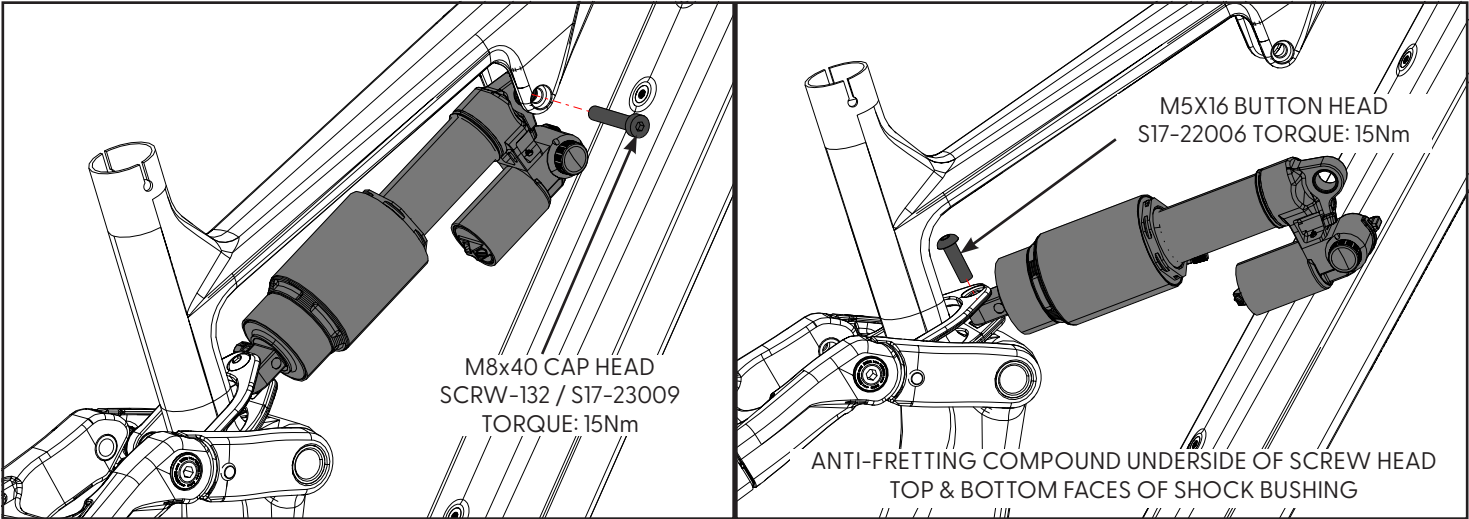
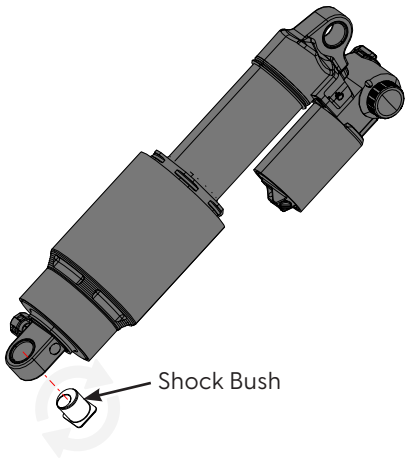
ID	PART NUMBER	DESCRIPTION
48	AC-008-VLD-C-1479-1	DS HEADTUBE GROMMET
49	AC-009-VLD-C-1479	NDS HEADTUBE GROMMET
50	GR-002	DIA5 16x8 CABLE GROMMET, SPEED SENSOR
51		M5x8 BOTTLE MOUNT BOLTS
52	WHYPRO22	KARVE DOWNTUBE PROTECTOR
53	WHY-110	KARVE LOWER COVER
54		M5x10 BUTTON HEAD
55		M4x10 BUTTON HEAD
56	SCRW-107-M5X12	M5x12 COUNTER SINK
57	WHYE-93	REAR FENDER
58	WHYPRO23	KARVE CHAINSTAY CABLE BRACKET
59	WHYPRO21	KARVE CHAINSTAY PROTECTOR

ID	PART NUMBER	DESCRIPTION
60	SCRW-112-M5X16	M5x10 BUTTON HEAD
61		M5x16 COUNTER SINK
62	CG-002	CHAINGUIDE SCREW M5X18
63		CH_MINI_UPPER
64	NT-001	CHAINGUIDE SLIDER
65	WHYTE-38	M5 HEX NUT
66	WHYE-47	CHAINGUIDE MOUNTING PLATE
67		SEAT-STAY PROTECTOR
68		JAGWIRE TUBING: CHAINSTAY GEAR 335MM
69A	CBG-003	INTERNAL TUBING - FT BRAKE + GEAR/ELECTRIC 40MM
69B		INTERNAL TUBING - CS BRAKE CARBON 240MM
70		FIDLOCK TWIST BIKE BASE, NO SCREWS

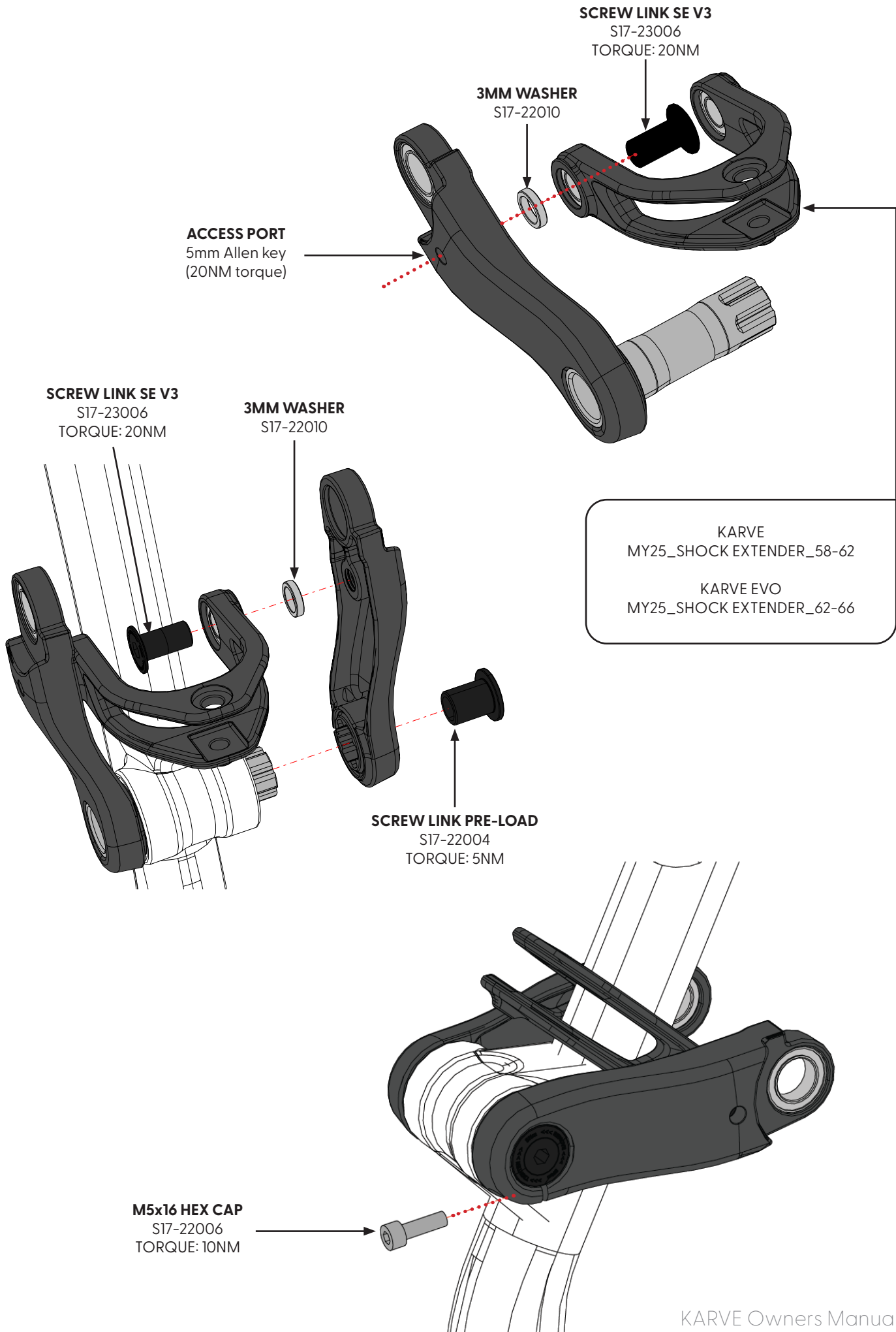
REAR SHOCK INSTALL

- STEP 1:** To begin, place the bike in a work stand and remove the rear wheel.
- STEP 2:** To protect the frame, apply padding material; such as a towel, bubble wrap or foam, to the frame below the rear shock.
- STEP 3:** Using a 5mm Allen key, remove the upper shock mount bolt. Then, gently lower the shock to release it from the upper mount.
- Note:** To aid with the accessibility of the lower shock mount bolt and shock extender pivot bolts, use a strap to hold the seat-stay against the seat-tube.
- STEP 4:** To aid with access to the lower shock mount bolt, rotate the shock away from the frame, hinging at the bolt. Using a 5mm Allen key, loosen and remove the lower shock mount bolt. Straighten the shock and slide it out from the Shape.It link.

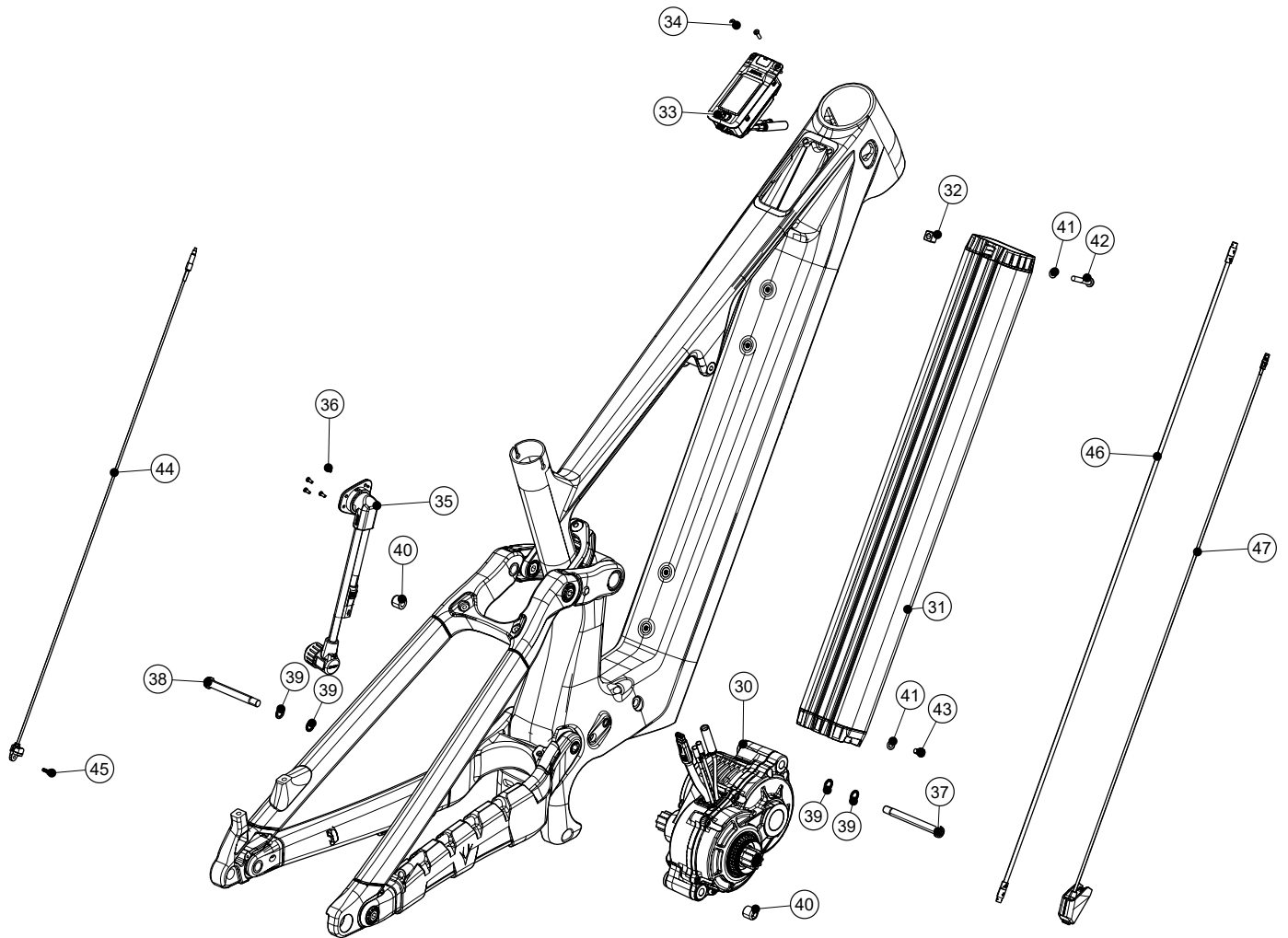
The Shape.It Link has the ability to change the geometry but importantly not the suspension kinematics. By using the shock extender and effectively moving the eye to eye length of the shock, the bottom bracket (BB) can be lifted or lowered. Simply remove the shock from the Shape.It link and rotate the shock bush to the high or low position



ROCKER LINK



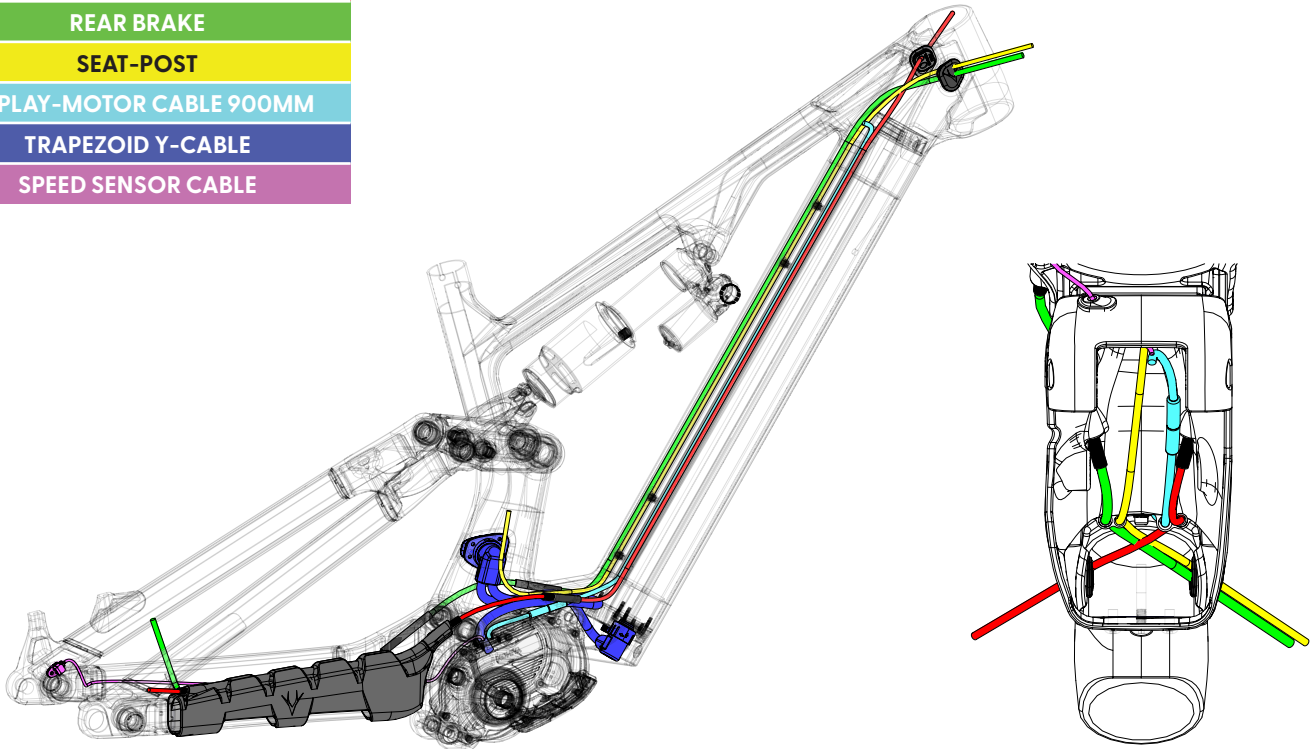
ELECTRONIC COMPONENTS



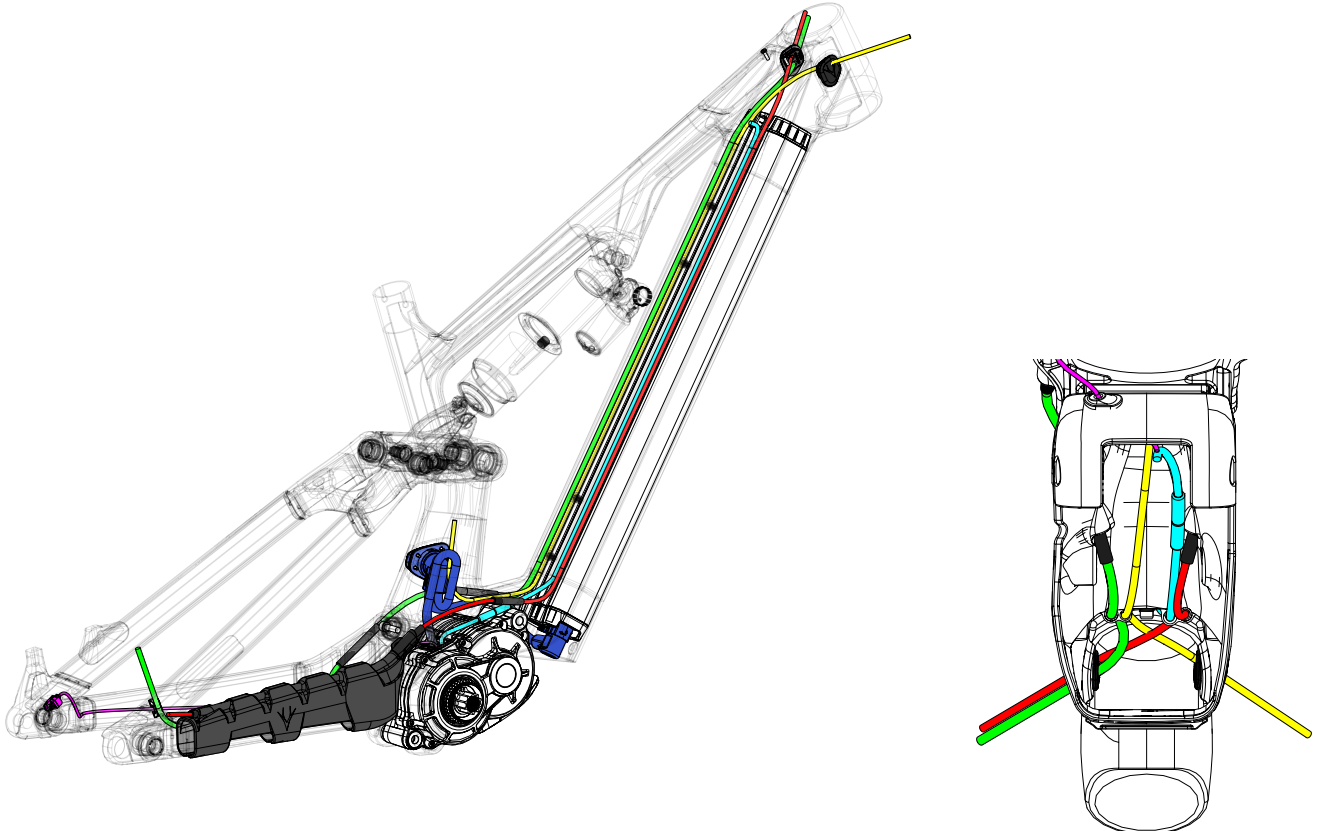
ID	DESCRIPTION
30	AVINOX M2S MOTOR
31	800WH BATTERY FIXED NEW CAP
32	BATTERY SQUARE NUT
33	DPC100 FLAT DISPLAY
34	DISPLAY SCREW M3x10
35	TRAPEZOID Y CHARGE SOCKET - ROUND PORT 192/192
36	CHARGE SOCKET SCREW
37	DRIVE UNIT FRONT MOUNTING BOLT
38	DRIVE UNIT BACK MOUNTING BOLT
39	NORDLOCK WASHER
40	DRIVE UNIT MOUNTING NUT
41	M5 WASHER FOR BATTERY BOLTS
42	TOP M5x30 (BOTTOM-UP) BATTERY BOLT
43	LOWER M5x10 BATTERY BOLT
44	SPEED SENSOR CABLE - 4 PIN 550MM
45	SPEED SENSOR SCREW M3x8
46	DRIVE UNIT TO DISPLAY CABLE 900MM
47	AXS EXTENSION CORD Z405 780MM

CABLE ROUTING OVERVIEW (UK)

GEAR
REAR BRAKE
SEAT-POST
DISPLAY-MOTOR CABLE 900MM
TRAPEZOID Y-CABLE
SPEED SENSOR CABLE

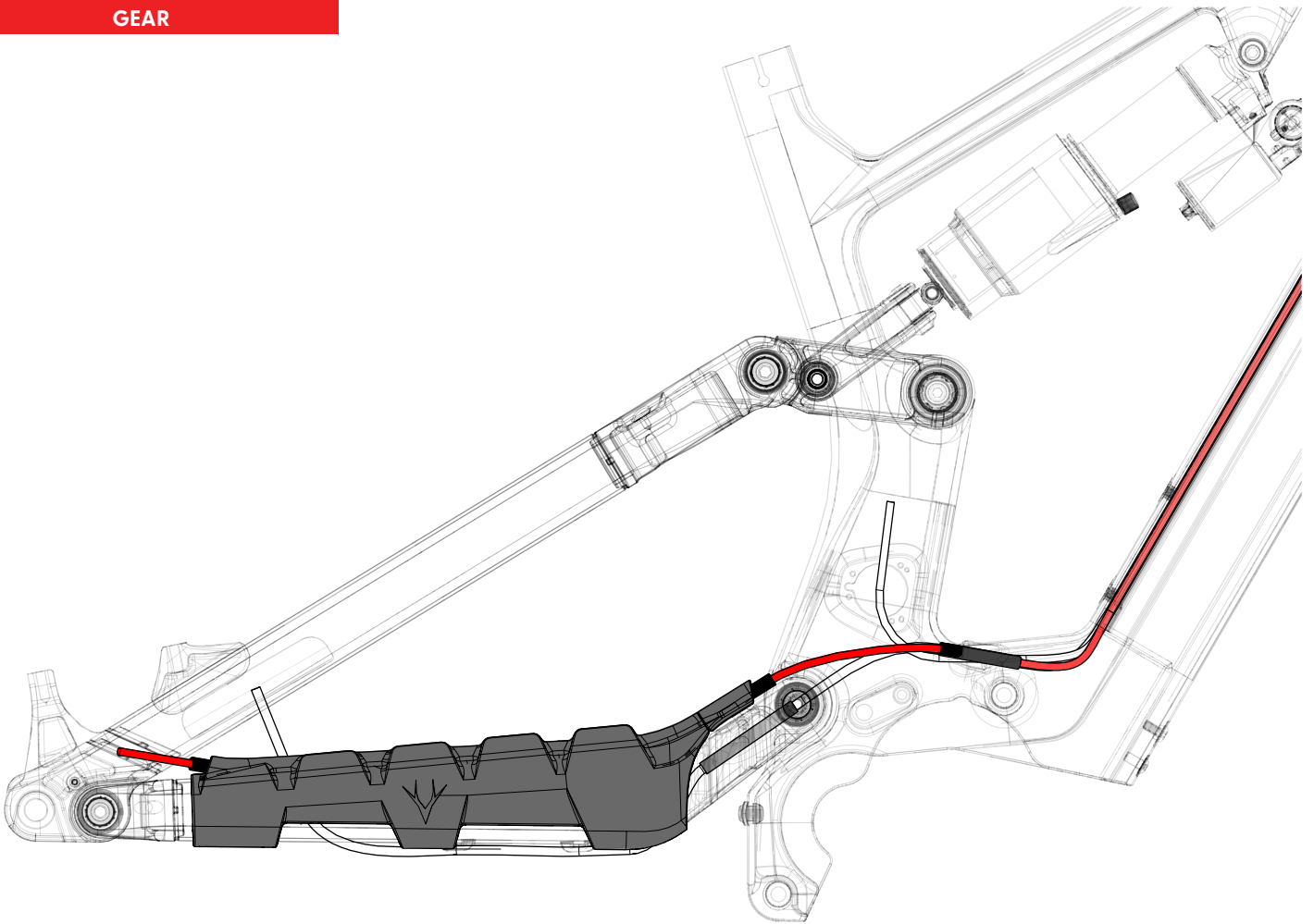


CABLE ROUTING OVERVIEW (EU)

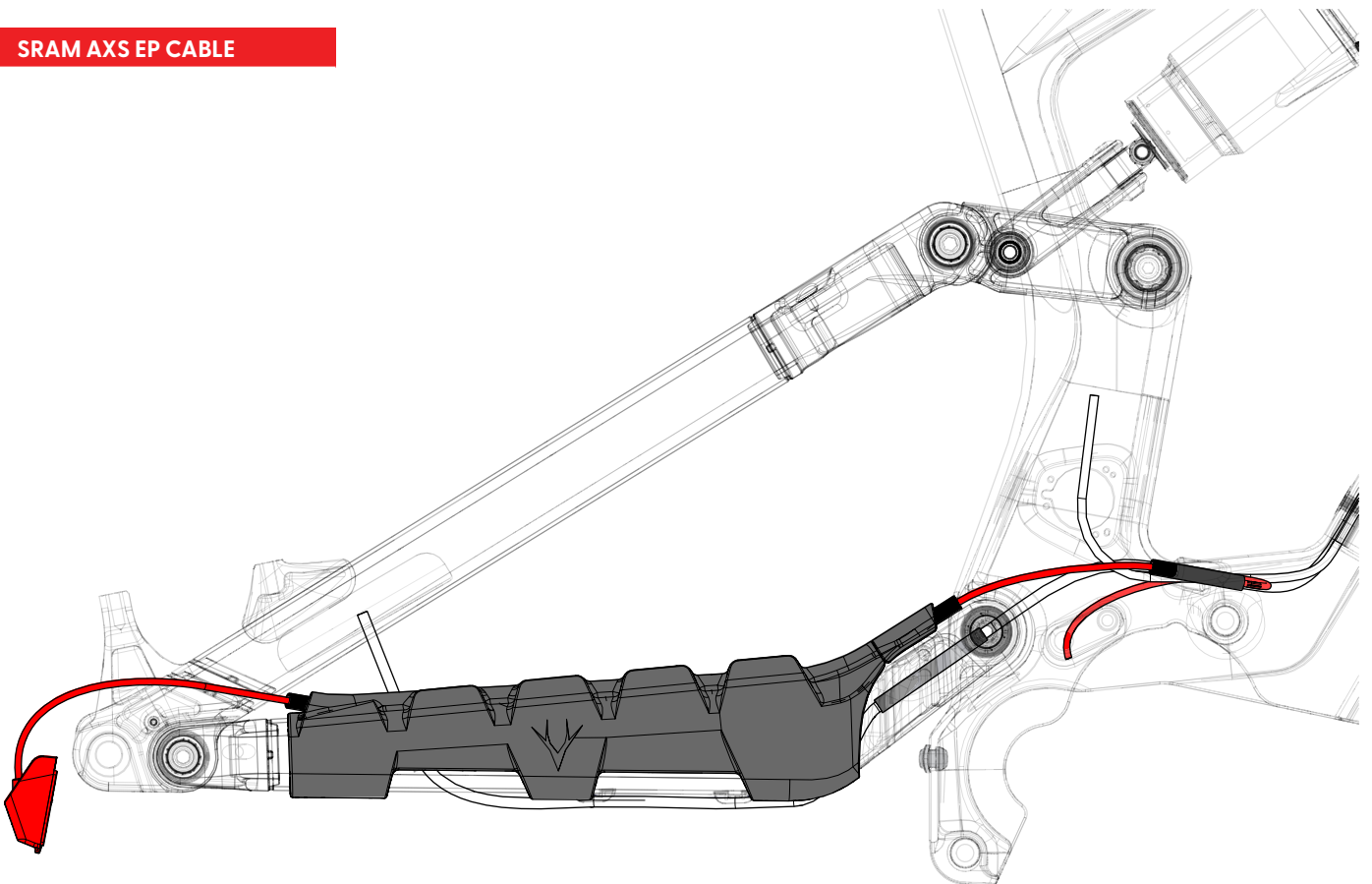


CABLE ROUTING ALLOY REAR TRIANGLE

GEAR

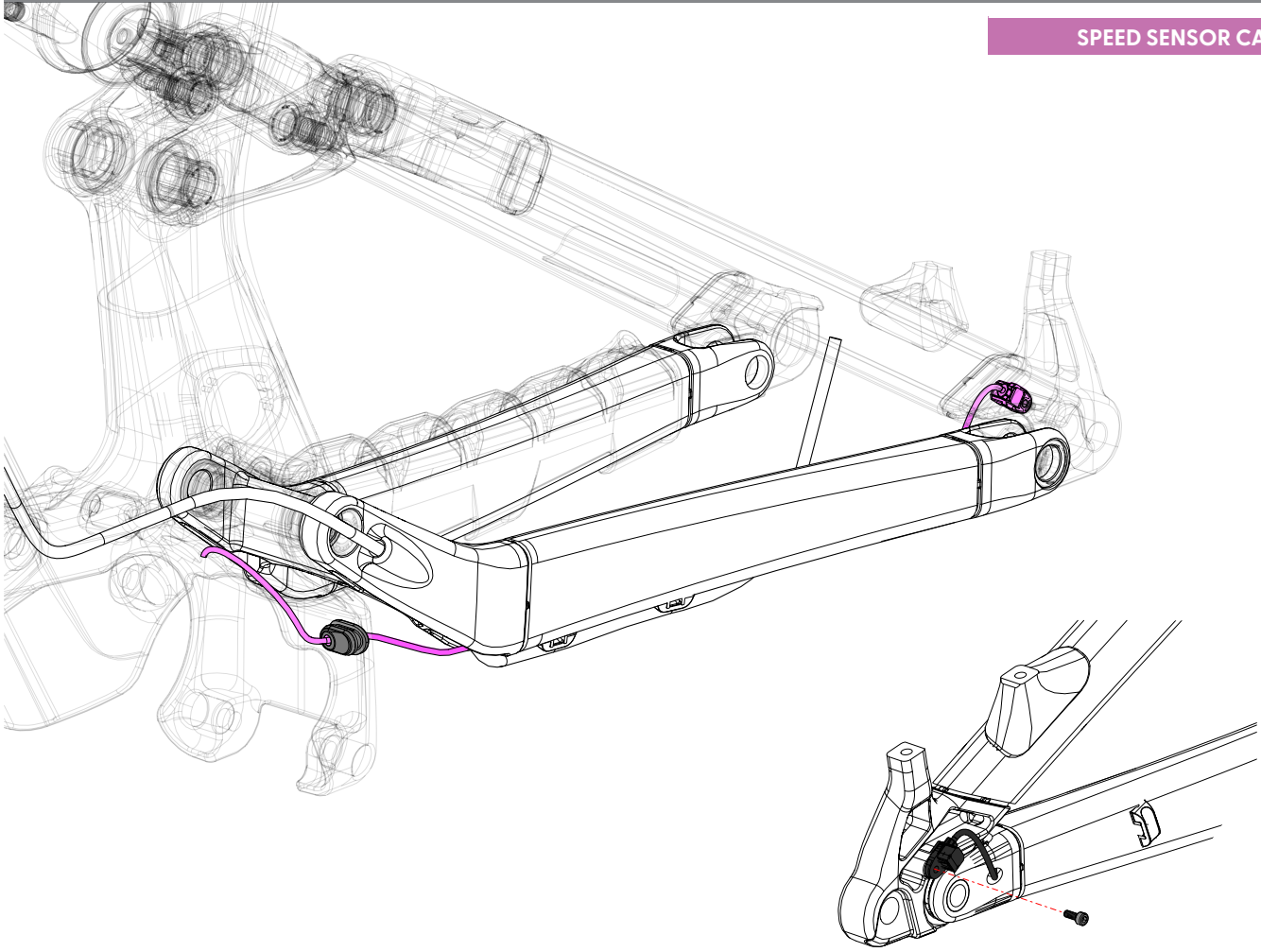


SRAM AXS EP CABLE

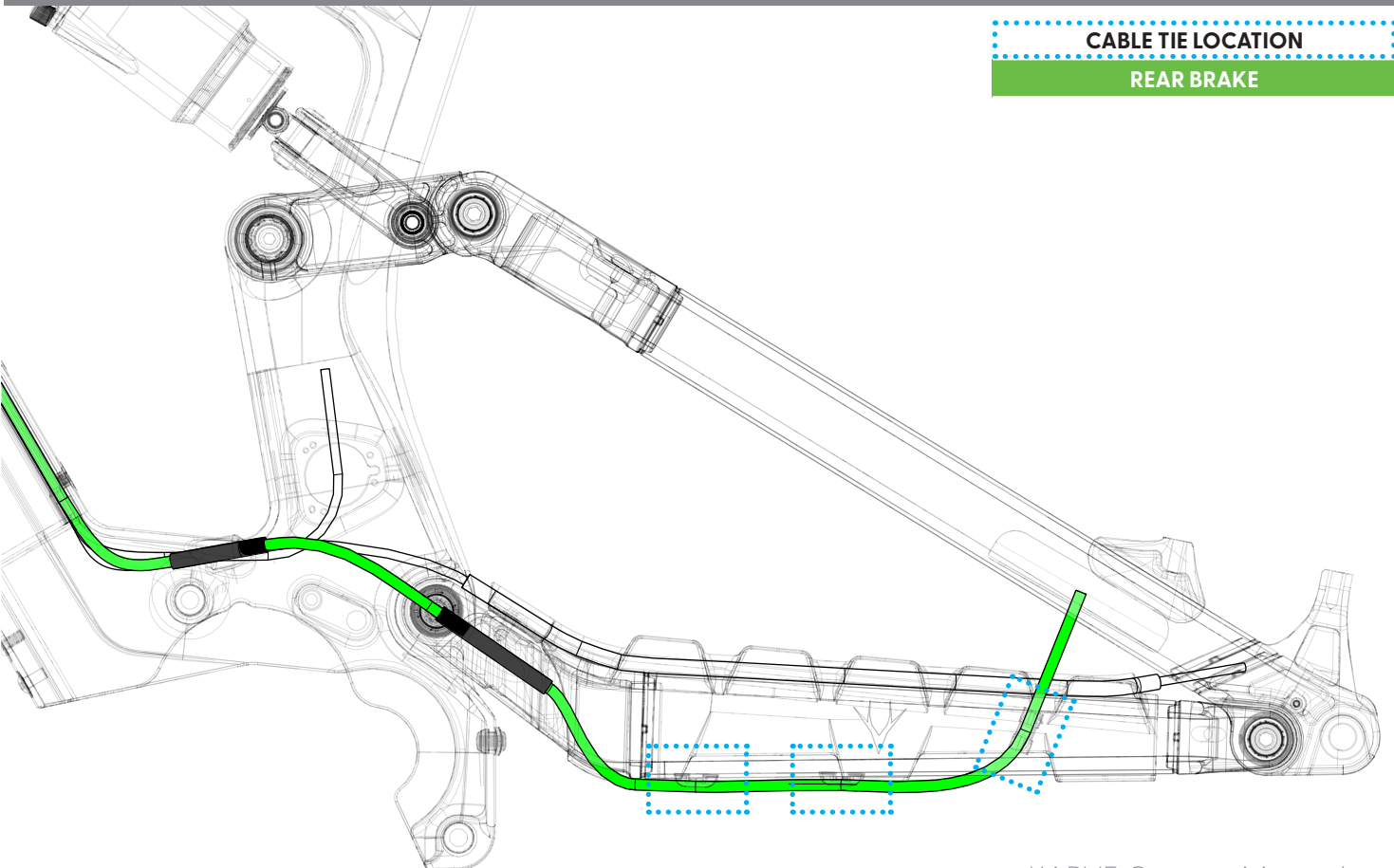


CABLE ROUTING ALLOY REAR TRIANGLE

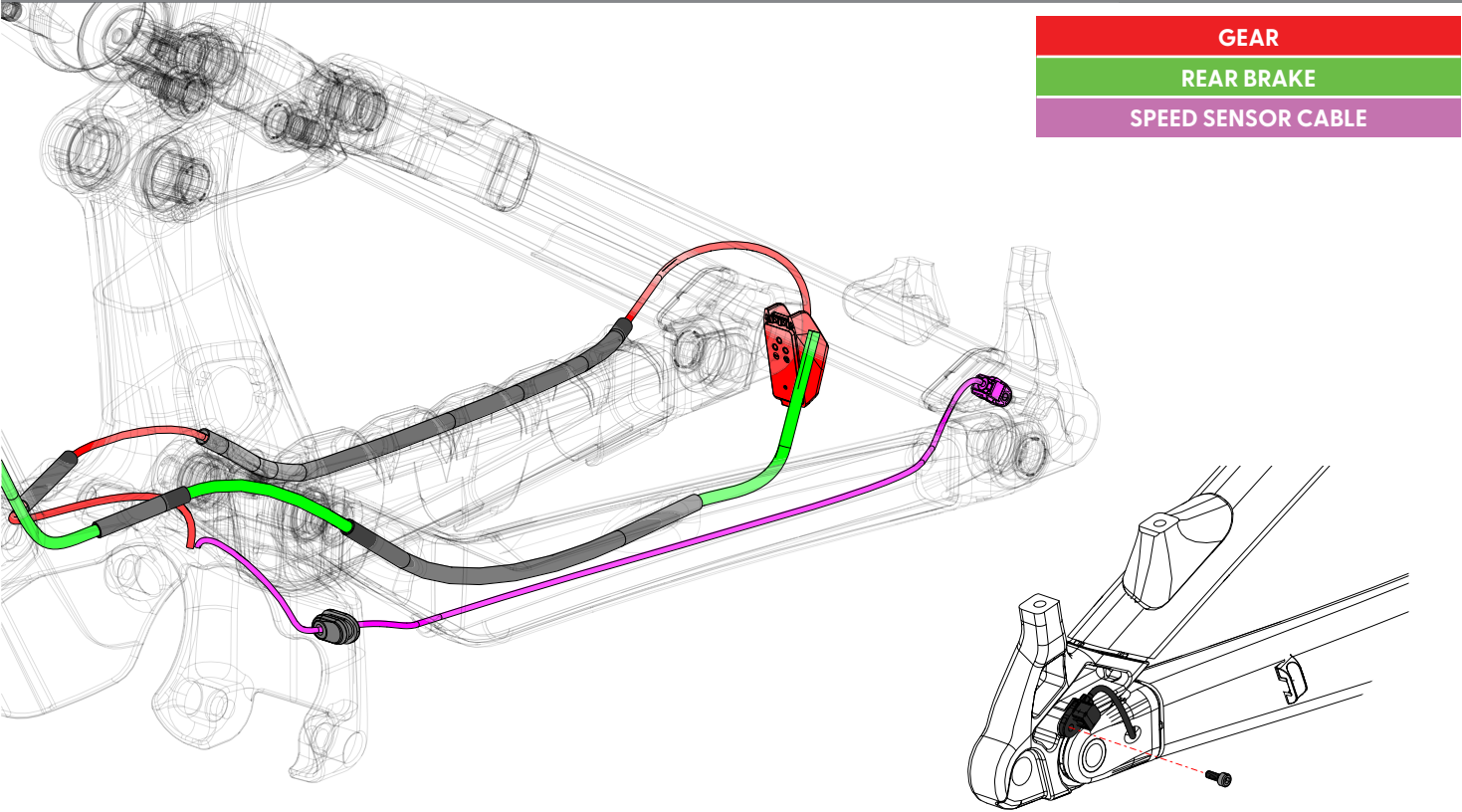
SPEED SENSOR CABLE



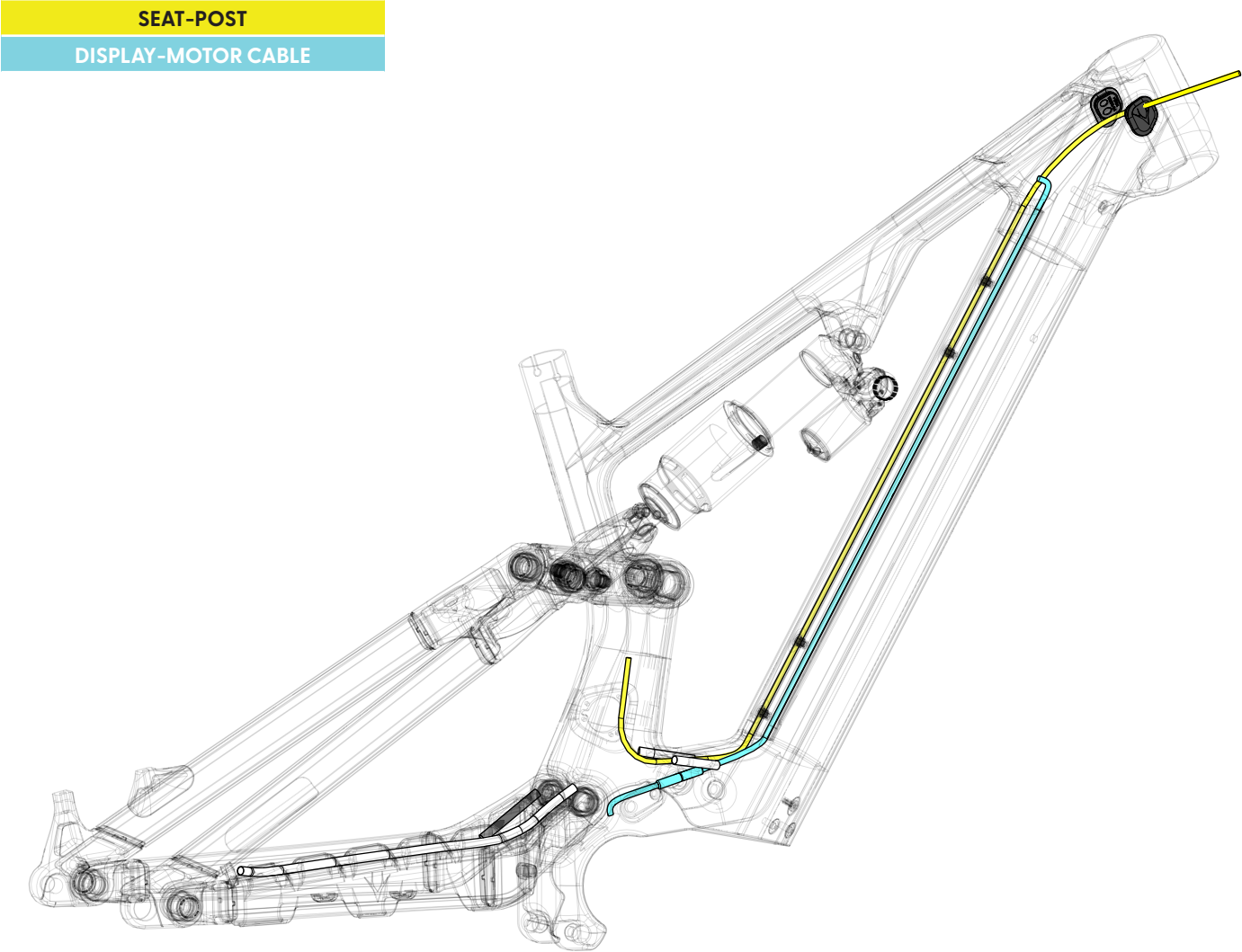
CABLE TIE LOCATION REAR BRAKE



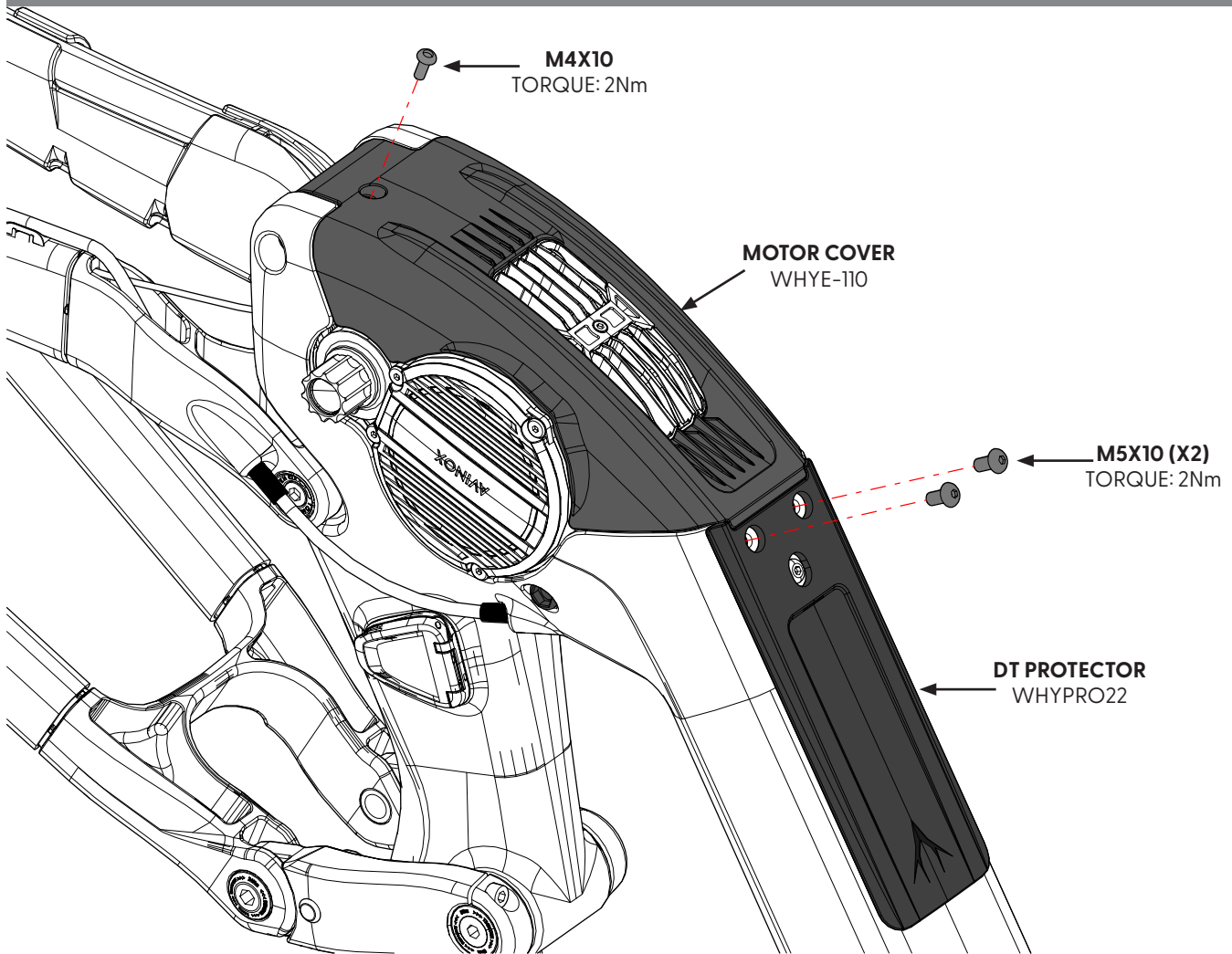
CABLE ROUTING CARBON REAR TRIANGLE



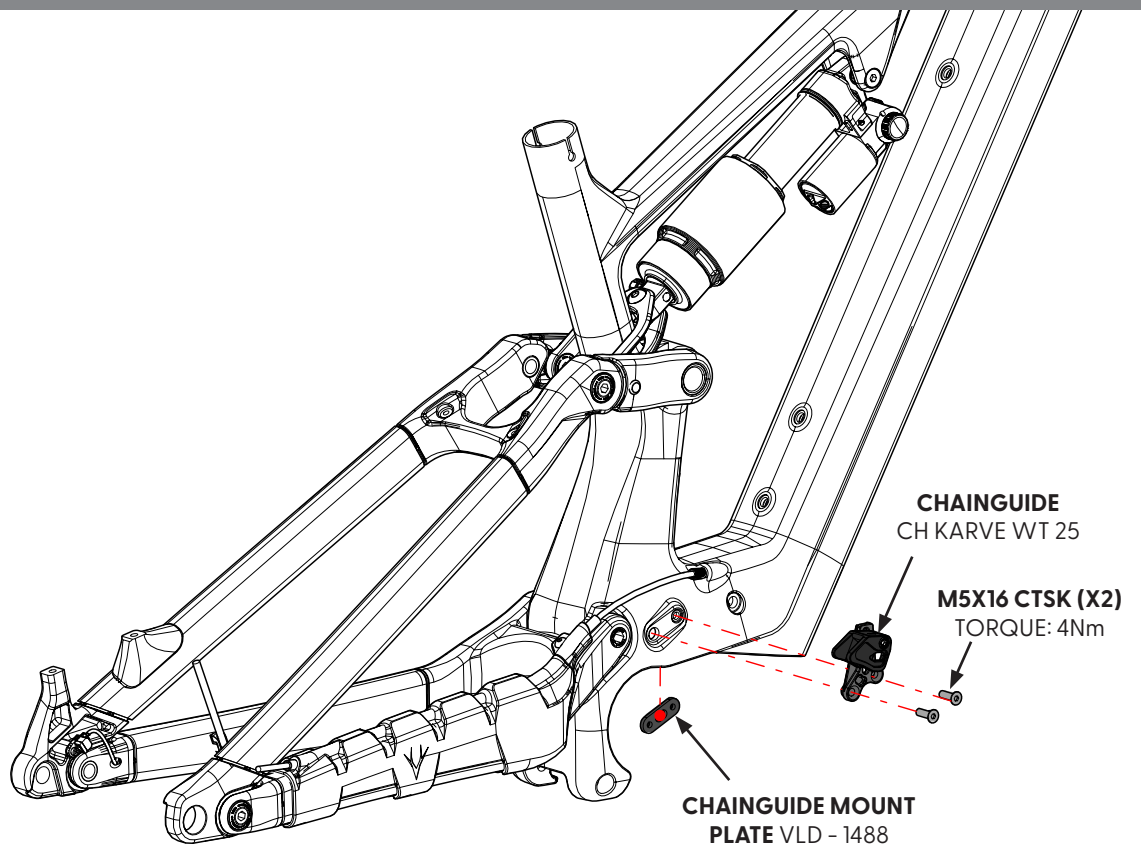
DROPPER



MOTOR COVER

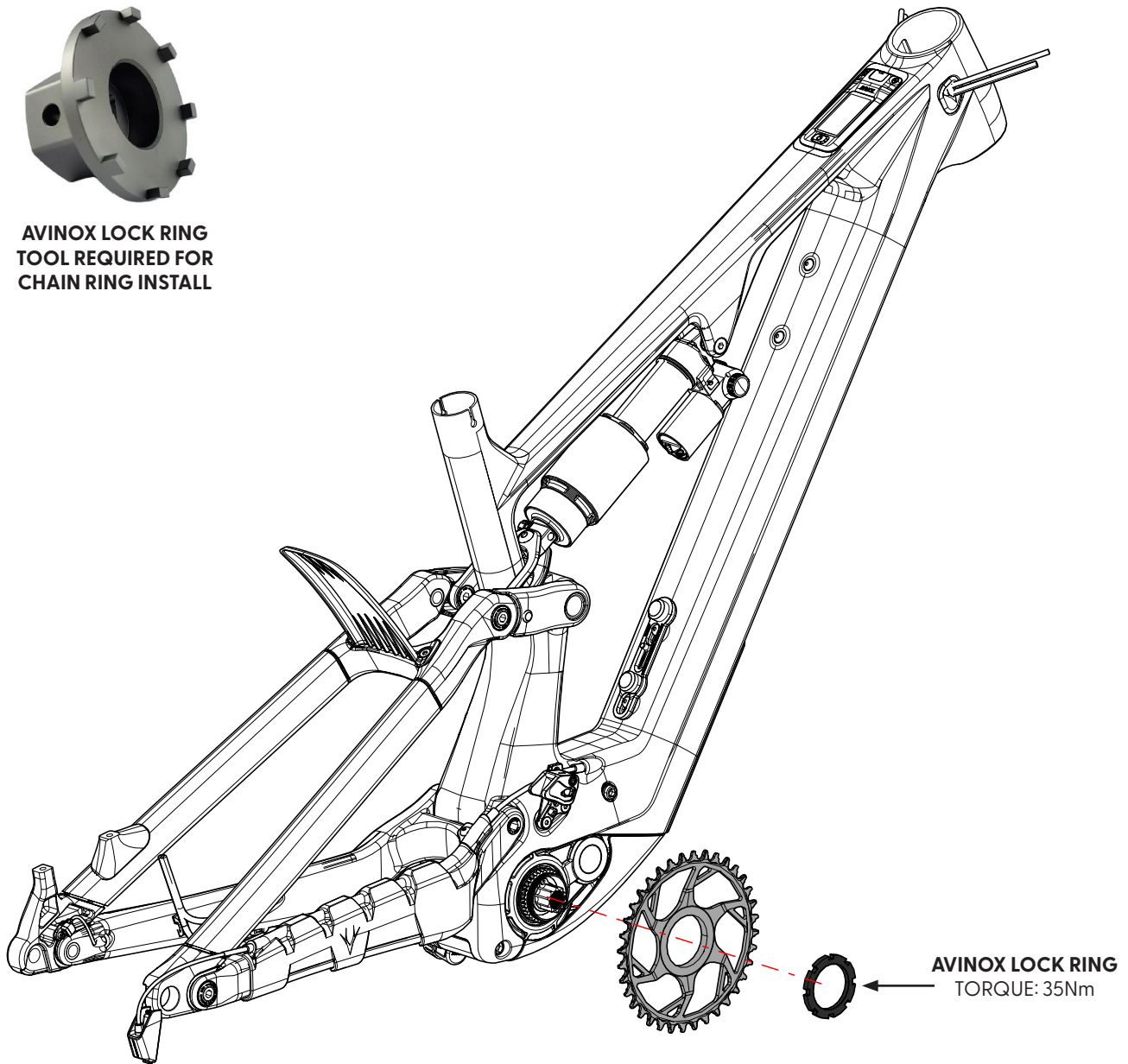


CHAIN GUIDE





**AVINOX LOCK RING
TOOL REQUIRED FOR
CHAIN RING INSTALL**



Please note: A dedicated spider removal tool is required to tighten and undo the lock ring. To replace your chainring the Avinox lock ring tool is essential. Access to the lock ring requires removal of the cranks first. For assistance with purchasing the lock ring tool or further guidance please contact your Whyte retailer. Whyte recommends checking the torque of your cranks and lock ring at regular intervals.



Whyte Bikes has partnered with Ride Wrap to provide you tailor made protection kits for your Karve. Premium models come with pre-installed protection kits, but don't worry, after market kits are available.

Bike frame protection components provide a barrier between your bike and whatever the trail, travel, or storage troubles throw at it. They keep your bike looking fresh and protect the investment you make when purchasing a bike. RideWrap protection components take the abuse, so your bike doesn't have to.

Our protection products offer protection from trail debris, shuttle abrasion, travel damage, and talent deficiencies. Protect your bike and your investment with RideWrap protection components so you can ride more and worry less.

For further details visit the Ride Wrap website or speak to your Whyte retailer. You can fit the kits yourself, ask your retailer to assist, or visit one of the Ride Wrap stores

Removal Instructions:

- Gently warm the section being removed using a heat gun, hair dryer, or steamer. Apply only enough heat to soften the adhesive. Do not overheat.
- Lift a corner of the film, then peel it back slowly at a 30–45° angle to the frame, keeping the pull low and close to the surface. Work steadily and avoid ripping or pulling too quickly. Continue applying light heat as needed throughout the process.
- Use extra caution around any damaged areas or where the paint may already be compromised.

Removal Video: https://www.youtube.com/watch?v=m_q7f-myYMU

Please note: Incorrect removal can damage paintwork and will void your frame warranty. Please contact your Whyte retailer for support.

CLEANING

Regular preventative maintenance can maintain your bikes performance and increase the durability. All of the details mentioned in this section are based upon normal suggested use. If the bicycle is used for rides in extreme conditions of rain and snow or on irregular terrain, then maintenance needs to be performed more regularly.

Whyte Bikes suggest that your bicycle is returned to a Whyte retailer for a professional inspection and service at least once a year. Please ensure you follow the recommended service schedule found in this manual.

When cleaning your bicycle there are many methods. Whyte recommends using a very steady stream of water and to avoid using pressure washers. Pressure washers can force water past sealed joints, causing premature mechanical wear. Your bicycle must be cleaned with a soft, damp cloth or sponge. Use a suitable detergent or bike cleaner to aid removal of grease/oil based products.

Avoid leaving your bicycle out in the weather. When not riding, store your bike where it will be protected from rain, snow, sun, etc. Rain or snow may cause the metal on your bicycle to corrode. Ultraviolet radiation from the sun may fade the paint, or crack any rubber or plastic on the bicycle.

LUBRICATION

Check all the moving parts of your bike, especially the chain. Check the chain for wear and damaged or tight links regularly. Keep the chain lubricated with 3 in 1 oil with PTFE, or similar. Apply the lubricant to the internal parts of the chain. Avoid contaminating the brake discs or pads with lubricant. This will stop the brakes working effectively. Rotate the transmission and by changing the gears, get the chain to run briefly on all available sprockets. This will also lubricate them and prevent corrosion. Wipe off excess lubricant with a lint-free cloth. Talk to your Whyte retailer about the best lubricants and the recommended lubrication frequency for your area.

The most effective application of lubricant is after cleaning. Apply lubricants after the bike has dried for best results. Lubrication must be proportional to the frequency of use, riding environment and conditions.

Lubricate all pivot points on the rear dérailleur, including the dérailleur pulleys and wipe any excess away with a rag. Whyte suggests lightly greasing your seat-post at least once a year to prevent it from seizing. Use friction paste at the contact points between frame and post. This is especially important on carbon frames as this will allow you to lower tightening torques and not damage components.



For in-depth instructions regarding maintenance and servicing your bike please refer to your General_User_Manual supplied with your bike or found online here: <https://whytebikes.com/pages/documents>

INSPECTION

Inspect your bike before you ride

ALWAYS check your bike before every ride to make sure you are safe when riding. It is very common to discover small issues at home that can become big problems on the trail. Here are some basic recommended checks to complete before each ride.

If the chain is dirty, noisy or dry, clean and lube your chain. Check your brakes to make sure they are working correctly. Check for missing/loose calliper and rotor bolts. Look for damage to the side-walls of your tires. Check and adjust tyre pressures. Spin the wheels and look for inconsistencies or defects, check for loose or broken spokes. Tighten wheel axles and quick releases. Stand over the saddle, pull on the brakes and rock the bike back and forth. Feel for any play or knocking that might indicate a loose headset, loose brake rotors, callipers, or worn fork bushings. Perform a short test ride to make sure your bike is shifting and braking properly. Listen for unusual noises. If you have any concerns and require assistance please contact your Whyte retailer.

After a Crash or Impact

Falling is part of riding and it's impossible to avoid minor accidents. If you crash your Whyte bike, please make sure you are okay and seek medical attention if necessary. If you are not injured, you should check your bike before continuing. Inspect your frame and components for damage. Do not ride your bike if any problems are detected. Here is what to look for when after a crash or impact.

Inspect frame and fork for evidence of cracking or bending. If cracks are discovered, discontinue use immediately. Check the drive-train and spin the wheels to make sure components are operating correctly. If you discover damage to any components, discontinue use immediately. Even if you don't find any damage, pay careful attention to the sound of your bike when you continue riding. Unusual noises can be caused by cracks or other problems. A well-maintained bike will be quiet and free of creaks or squeaks. Investigate and locate the source of any new noises.

If you discover any damage to your Whyte bike or its components, **STOP** using the bicycle immediately!

Even if you cannot visually observe any damage, pay close attention to the sound of your bicycle when riding. Unusual noises or riding vibrations can be a clear sign of damage and you should stop riding immediately. Contact your Whyte retailer who will be able to correctly diagnose the problem.

WHYTE WARRANTY

As standard, every new Whyte bike comes with a two-year frame warranty against materials and manufacturing defects as standard for the original owner, together with a lifetime pivot-bearing warranty, a one-year warranty on parts, and a one-year cosmetic warranty on paint and decals.



Lifetime extended frame warranty

For extra peace of mind, we also offer a free lifetime* extended frame warranty for the original owner. Just register your new bike for free within 28 days of purchase, via the link below:

<https://whytebikes.com/pages/warranty>



ADDITIONAL INFORMATION



WHYTE Bikes actively participates on social media platforms, along with our fantastic global community of cyclists. Looking for places to ride, tips and tricks, or advice? Somebody will have the answer: Visit our WHYTE YouTube channel to see a wide variety of useful videos on adjustments, techniques and our latest adventures. Our Customer service is ready to answer any question you might have about your Whyte bicycle:

Contact Info: <https://whytebikes.com/pages/faq-1>

Whyte Content: <https://whytebikes.com/pages/documents>

Whyte UK retailers: <https://whytebikes.com/pages/retailer-locator>

Whyte International retailers: <https://whytebikes.com/pages/international-retailers>



<https://www.facebook.com/WhytebikesGB>



<https://www.linkedin.com/company/whyte-bikes-limited>



www.youtube.com/@WhyteBikesgb



[instagram.com/whytebikes](https://www.instagram.com/whytebikes)



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