



AURORA
RALLY EQUIPMENT

ULTIMA RALLY KIT

WE ARE AURORA



About



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Welcome to Aurora, where adventure meets precision. We don't just create rally gear; we engineer experiences. Rooted in the heart of rally racing, we grasp the challenges of rugged terrains and the thrill of the unknown. Our legacy is etched on trails of the world's toughest races. From Dakar's gruelling tracks to Africa Eco Race's unforgiving sands, our gear doesn't just endure; it triumphs.

Each component, meticulously crafted, bears the mark of our unwavering commitment. Aurora beckons those who defy convention, who push adventure's boundaries. It's not just about machines; it's about stories, challenges, and victories. Join us on this extraordinary journey, as we forge a new era in rally gear.

Get ready for an adventure like no other, as we embark on the next chapter in a saga of legendary machines.



EQUIPMENT



Precautions!



- **Read the entire manual;** Before starting the installation, read the entire manual carefully to understand all the steps involved.



- **Use proper tools:** Ensure you have the correct tools for the installation to avoid damaging components or injuring yourself.



- **Work in a safe environment:** Perform the installation in a well-lit, stable environment, preferably on a flat surface with sufficient space to move around the bike.



- **Disconnect the battery:** You are advised to disconnect the battery before beginning any electrical work on the bike.



- **Follow torque specifications:** Where advised, use the torque that is specified.

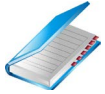


- **Seek professional help if needed:** If you are unsure about any step in the installation process, consult a professional mechanic.

Warnings!



- **Fire hazard:** Improper installation of electrical components can cause short circuits, leading to fire. Ensure all connections are secure and insulated.



- **Check Local Regulations:** Ensure that all installed components comply with local laws and regulations, particularly concerning lighting and navigation systems.



- **Test in Safe Area:** Test the bike in a safe, controlled environment after installation to ensure everything is functioning correctly before riding on public roads.



- **Avoid Riding Immediately:** After installation, allow the bike to remain stationary for a brief period to check for any electrical malfunctions or leaks before riding.



- **Allow the Bike to Cool Down:** Before starting the installation, let the bike cool down completely to avoid burns from hot exhaust components.



- **Avoid Inhalation of Exhaust Fumes:** Do not start the bike in a closed garage or confined space during installation to prevent the build-up and inhalation of harmful exhaust fumes. Ensure proper ventilation if the engine must be run.

“Believe you can and you’re halfway there” - T.R.



Maintenance!



- **Cleaning:** Always clean the tower with a mild detergent, do not use chemicals that may damage the anodising or the powder coated accessories.



- **Rain preparation:** Always take care of the electrics after a rainy ride. Clean, lube and use proper materials to clean everything. Never blow high pressure air, as this will result in the dirt going deeper into the connectors.



- **If in doubt, ask:** If at any point you miss some information, please contact aurora at info@aurora-rally.com. A member of staff will be happy to assist!



- **Screen cleaning:** NEVER clean the screen with anything else besides warm water and hand soap, using a soft cloth to dry it down.



Warranty and notes!



- **CNC parts:** All Aurora CNC parts are warrantied for life against breakage. This means that they can bend during a crash, but they should never break from fatigue or even when crashing. Contact us if they do to arrange a replacement.



- **Quality check:** All parts have serial numbers for back-tracking. Please quote your order number and serial number of the parts when requesting a replacement.



- **Feedback:** Our team loves feedback. Please let us know if you have any suggestions!



- **Limited warranty:** These parts are covered by a 2 year limited lifetime warranty, which applies only to defects in materials or workmanship under normal use, race use and service conditions. Warranty coverage is subject to terms and conditions, including proper installation and maintenance. The customer is responsible for all shipping and handling fees associated with any warranty claims.

Aurora Warranty. A commitment you won't regret.

Introducing the Ultima Rally Kit!

Introducing the Ultima Rally Kit, the newest innovation from Aurora Rally Equipment. Designed with a focus on lightweight durability and unmatched versatility, this kit seamlessly integrates with any enduro bike you own. Engineered to maintain the bike's optimal rideability, the Ultima Rally Kit allows for easy installation of both digital and analogue navigation devices. It also enhances your bike's lighting system and provides superior rider protection with the advanced Puig-manufactured screen. Whether you're tackling tough terrains or embarking on long-distance rides, the Ultima Rally Kit elevates your riding experience to the next level.

Ultima Rally Kit: Elevate Every Ride!





Redefining rideability

The Ultima Rally Kit stands out as a game-changer in the industry. Featuring advanced OCG (**Optimized Center of Gravity**) technology, it shifts the system's center of gravity closer to the bike's headstock. **This innovation enhances your control in the most challenging conditions, reduces the pendulum effect on the handlebars, and lessens fatigue on long rides.**

Additionally, the barclamp kits offer a unique advantage: the lights are aligned with the handlebars, ensuring optimal illumination. The Ultima Rally Kit is equipped exclusively with top-tier lights from Baja Designs, Denali, Hella, and ET-Racing, providing you with unparalleled reliability and peace of mind.

Never Give Up!





Follow the steps!

STEP 1

Remove the two bolts in front of the instrument



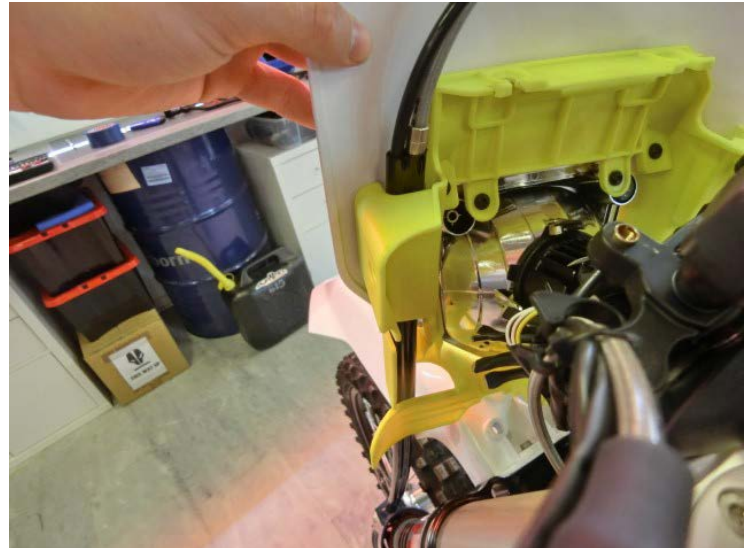
And this is what you will see!



Mask Removal

STEP 2

Lift the mask so that the two pins are released from the front fender.



Mask Removal

STEP 3

Undo the light connector in order to be able to remove the mask from the bike.

Take a big breath! We are going in!



Cabling

STEP 4

Undo the clip in order to release the cables. Remove the two bolts that hold the plastic bracket to the top triple clamp.



Start removing the connectors from the plastic bracket one by one. Remove the speedometer from its bracket.



Top triple

STEP 5

This may be different from your bike. In some bikes these bolts go through the top. If that is the case, access them by removing the bars.



Now the bars with the bar clamps can be removed and you can support them on the seat of the bike



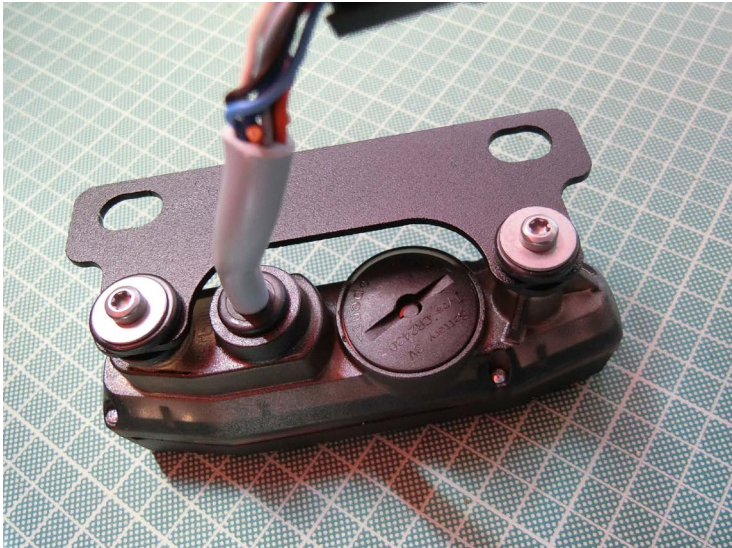
DO NOT PRESS THE BRAKE AND CLUTCH LEVERS AS AIR MAY ENTER THE SYSTEM



Speedometer

STEP 6

Install the speedo bracket. Do NOT overtighten the speedometer bolts.



STEP FWD

Feeling adventurous? Go to step 19 if you are confident!



Make sure the orientation of the Speedometer is correct. Otherwise you may be forced to read it upside down.



Ultima Universal Brackets

STEP 7

Install the clamps on the position that you need.



This is just another view of the system at this step.



Aurora speedometer bracket

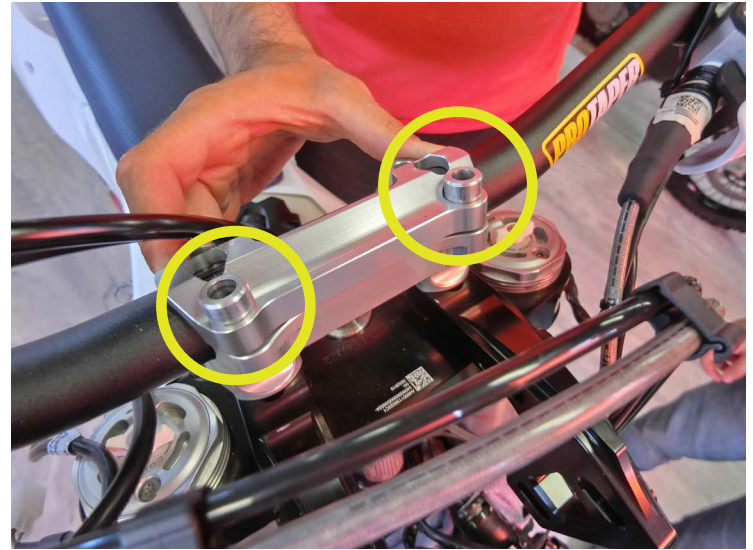
STEP 8

Install the handlebars back to place.



STEP 9

Install the spacers provided by Aurora in order to place the speedometer bracket in the correct height.



Aurora speedometer bracket

STEP 10

This is how the assembly should look. Use the thick spacers above and below the speedometer bracket. This is to ensure proper tightening!!!

Tighten the bolts to manufacturer's specifications.



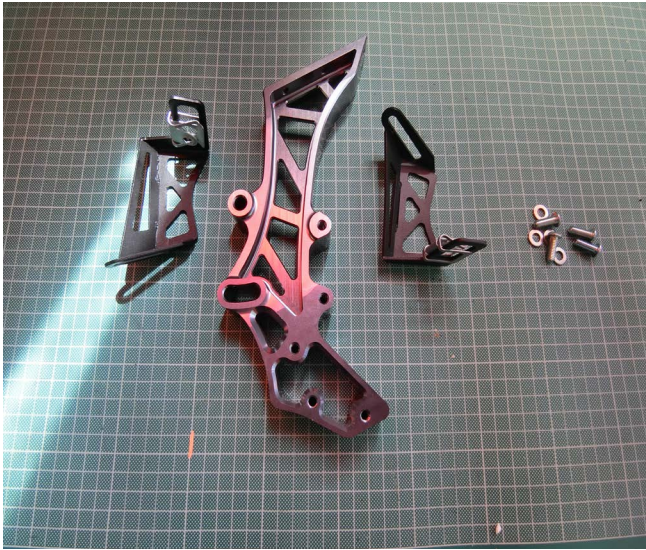
Notice the Aprilia Tuono in the background and then get back to work!



Ultima tower preparation

STEP 11

Prepare the tower. The main part and the screen brackets. Omit this part if you just want to install the tower without the screen.



STEP 12

Install the brackets to the tower. Hand tightening and use Loctite 243.



Ultima tower installation

STEP 13

Use the provided spacers and bolts, and sandwich the tower between the provided clamps.



Cabling is necessary evil in all the builds. Take your time and never stress the cables and connectors.



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STEP 14

Route the cables between the tower and the top triple clamp. Use ty-raps to secure some of them. Take into account the rotation of the bars, connect them and see what is the best case scenario.



Great things take time, so be patient and stay focused to achieve the best results.

Light brackets

Make sure the cables are free to rotate. Route the light connector below the spacer towards the front of the bike.



Take your time. Optimising the routing, secures long term reliability.

STEP 15

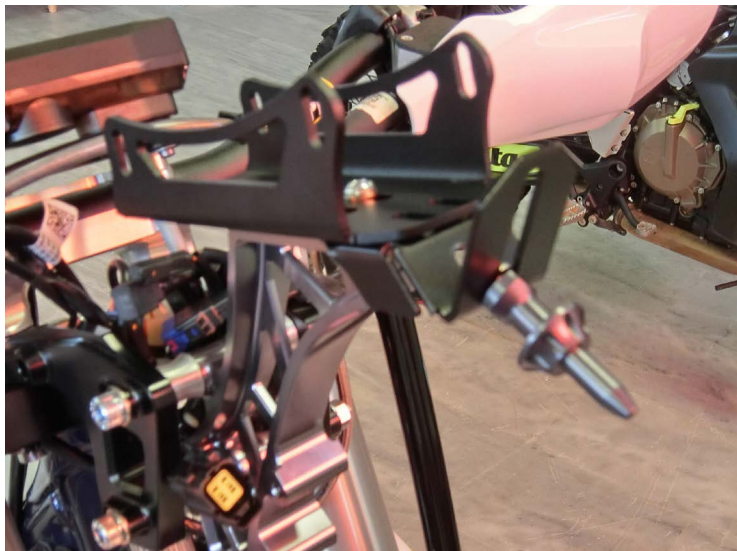
Install the light brackets to the tower. Hand tightening and use Loctite 243. Check the orientation in the photo.



Screen pin and AMPS bracket

STEP 16

Install the pin bracket and the lower back plate bracket.



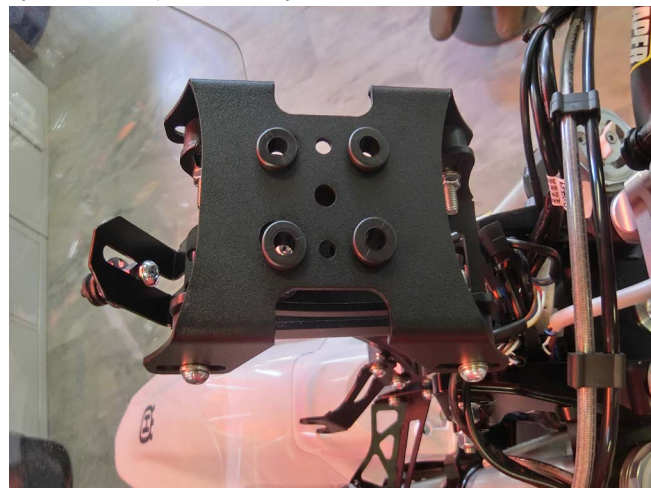
Leave the bolt on the screen holder and the bracket a bit loose until you decide the final position!



STEP 17

Almost there!

The AMPS back plate (if ordered) can be used for GPS, mobile phone or tablets. Otherwise, classic RAM balls can be used to add equipment. There are multiple back plates (roadbook, GPS etc.)



The bracket can be adjusted in height and rotation.

STEP 18

Adjust the screen pin and install the screen using the provided hardware (two 1/4 turn bolts and the R-clip).



To assist in installing the screen in the pin, you can use a bit of grease inside the grommet. NEVER use WD40 on the screen!

STEP 19

Install the cable under the lower triple clamp, and make sure it does not interfere with the steering of the bike.



Welcome to the speedy installation!

STEP 7a

Assemble the tower completely and direct it towards the bars, keeping the cables in the middle of the tower.



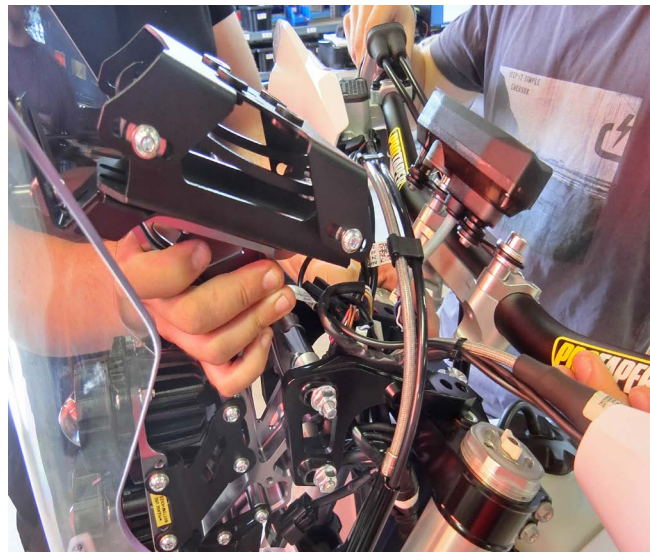
Align is important so check that the cables that need to be in the middle of the tower are there, while the brake line and cables that need to be outside, they stay outside!



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STEP 8a

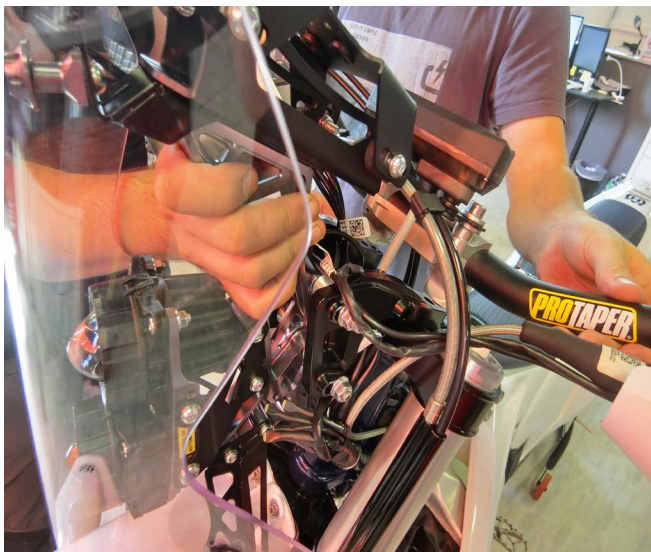
Choose the position (front/rear) and install the tower in the bars.



Check the instruments that you have one the tower in order to make a good choice of position!

STEP 9a

Get the brackets ready and rock and roll! You can put the anti-glare foam between the lights and the screen!



The foam is there to prevent back-scatter and not blind you during night-riding. Due to the screen being able to move, the foam cannot be fully fixed.

STEP 10a

Install the cable under the lower triple clamp, and make sure it does not interfere with the steering of the bike.



Finished?







Aurora Rally Equipment PLC

19th km Spaton - Loutsas Av.
19004 Spata, Greece

Tel: +30 210 60 25 003

email: info@aurora-rally.com

web: aurora-rally.com