

# Voyager Pro Dash Installation Instructions

## CHANGE LOG

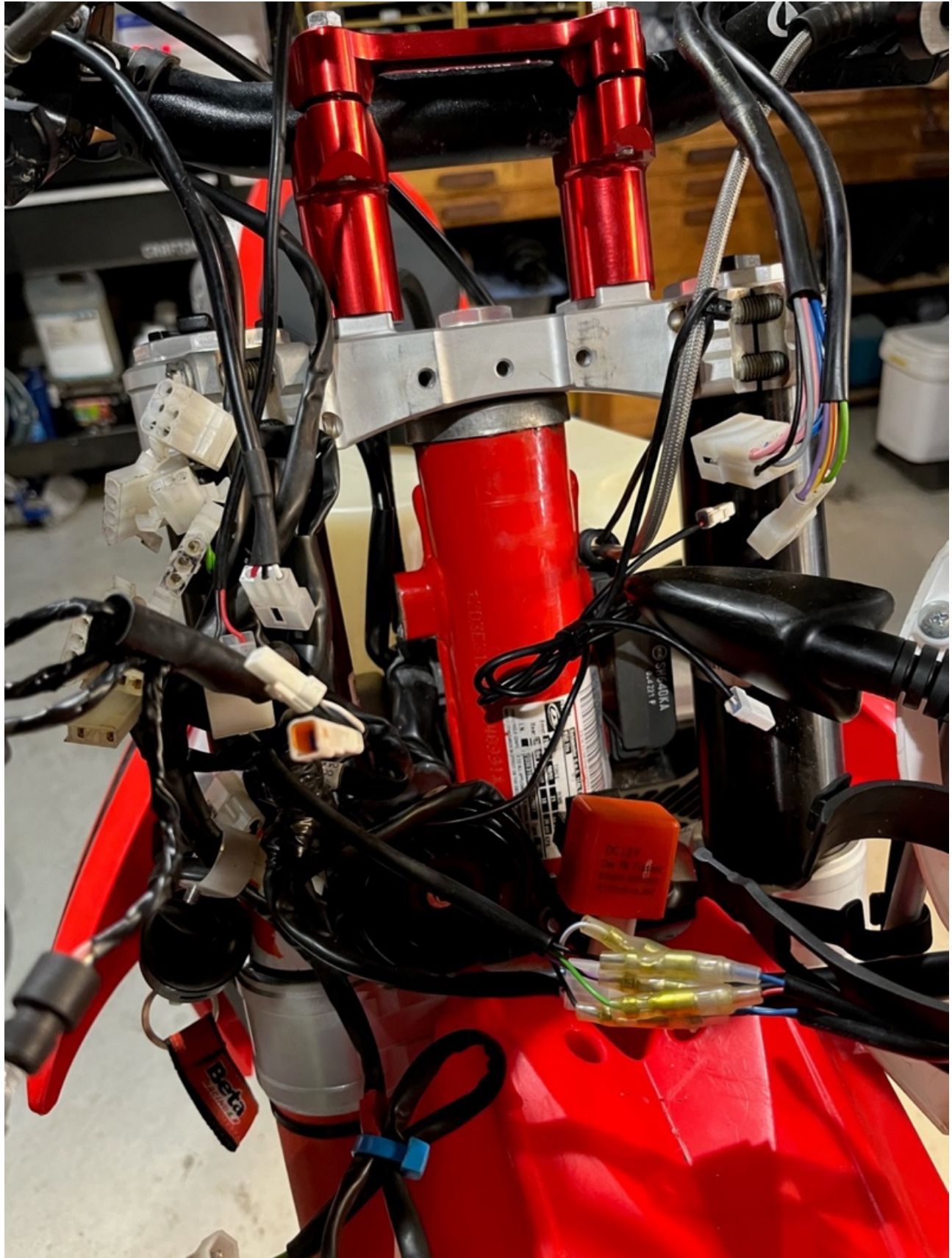
The MotoSwiss dash for Trail Tech Voyager Pro can be installed in about an hour using commonly available tools and is supplied with the fasteners you will need. Please refer to the parts list and assembly diagram included with your dash and check that all parts are available before commencing disassembly of the stock setup. The kit has been successfully installed on the following model years. See notes below.

Beta Model Year	Notes	Verified @ 11/5/23
2024	No Changes	No
2023	Same as 2022 but <b>requires a Clic-R hose clip removal tool</b> to remove and re-install the dash lights. Circa \$10 on Amazon/Ebay – see webstore product info for link.	Yes
2022	Now supplying custom mask mounting bracket to eliminate requirement for cutting the stock one.	Yes
2020-2021	Bolt-on of new bracket, no modifications.	Yes
2015-2019	Bolt-on of new bracket, no modifications.	Yes
Earlier	Untested as at November 2023	No

The base version of the dash utilizes the AMPS mounting hole pattern and is not supplied with mounting hardware. AMPS mounting solutions are available from MSC Moto and other online vendors. MotoSwiss has not tested and does not recommend any of these products.

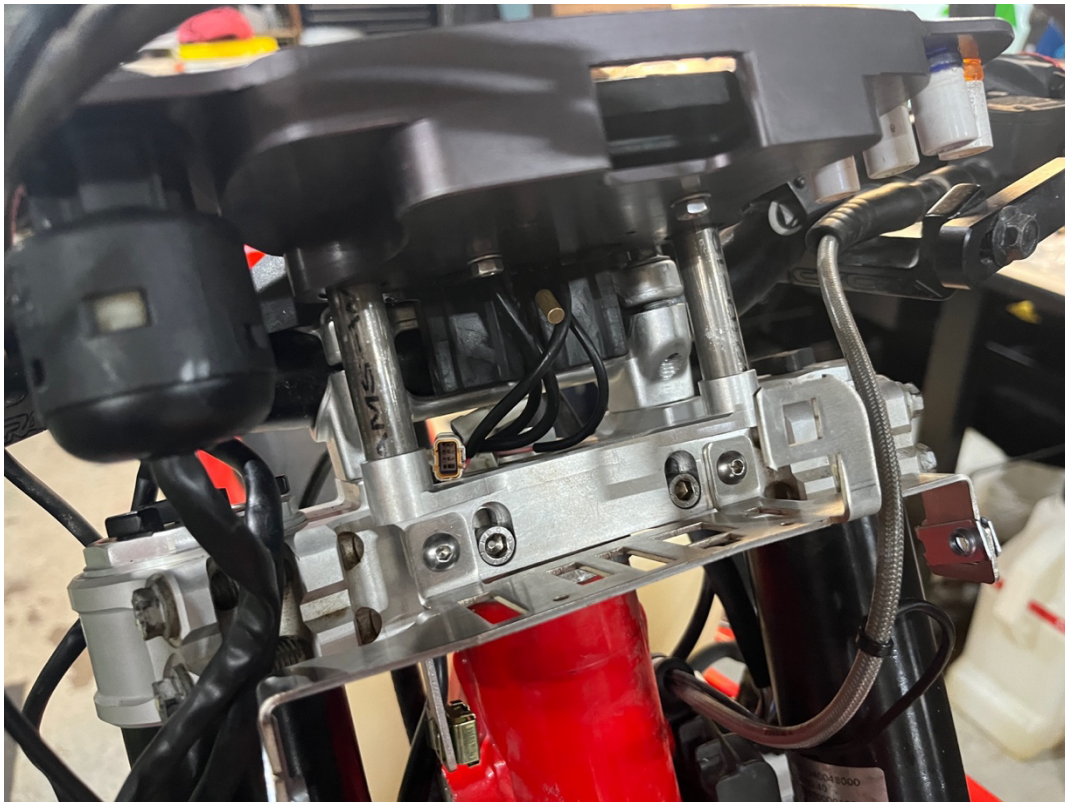
## DISASSEMBLY

1. Remove the headlight mask. It will swing to the side allowing sufficient access without the need for complete removal.
2. Disconnect the electrical connectors that are mounted on the steel bracket. The two largest connectors are the same and therefore can be re-installed incorrectly so mark one with a sharpie to aid identification later. Remove the connectors from the steel bracket.
3. Disconnect the connectors between the Voyager unit and the main harness, wheel sensor and temperature gauge wiring.
4. Remove the two screws holding the Voyager to the steel bracket. They are accessible from the underside of the unit. Be careful not to damage the screw heads, by applying good pressure to keep the screwdriver firmly seated. If you do damage the heads some pliers can be used to grip the edge of the screw head. These screws are not required for re-assembly.
5. Remove the Voyager and set aside.
6. Remove the key assembly by loosening and removing the steel ring and pushing it through the bottom of the bracket.
7. Remove the warning lights from the light housings by pulling each light out from the bottom of the light housing, they are just a friction fit. Mark each light in a way that you can identify them later as they all look the same but indicate different functions. Remove each housing from the bracket by pushing from the bottom.
8. Remove the steel bracket by loosening the two M6 screws attaching it to the upper triple clamp. Tuck all the loose cables to the side leaving your bike looking like this ready for install.
9. If you haven't already applied dielectric grease to your connectors, now would be a great time to do so to improve connection reliability. Your bike should look like this. (NB. Bike in picture has 30mm bar risers installed)



## INSTALLATION

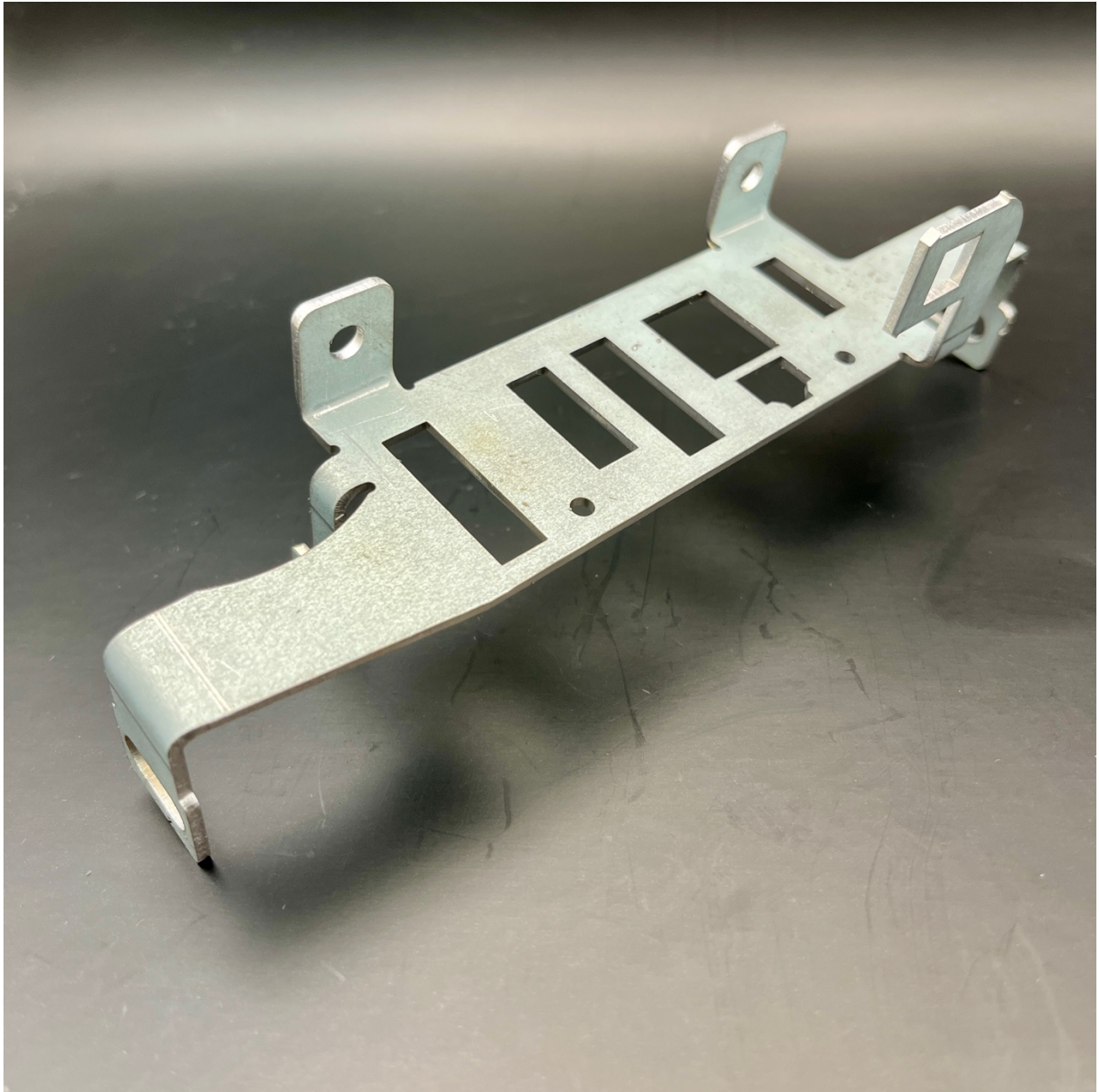
1. Install the Dock to the dash using M4 screws provided with the unit. Route to wires through the access hole and make sure the rubber caps on the buddy tracking and GPS antenna sockets don't prevent the dock seating fully.
2. Install the mounting bracket to the Dash using the appropriate height spacers, M5 screws and spring washers.
3. If you need to adjust your bar position, please do it now.
4. Install the warning light housings by pushing in from the top noting the orientation which is controlled by the key on the housing seating in the notch in the dash recess. The housings are a snug fit but will go in. You may need to clean any glue or molding flash from the housings.
5. Secure them with the original O-Rings and/or C-clips/Hose Clips.



6. Attach the bracket and Dash assembly to the top triple clamp using the M6 fasteners provided. **Don't fully tighten yet** as the slots afford some adjustability which may be needed later.
7. Insert the electrical connectors from the harness into the electrical panel.
8. Insert the rubber instrument light holders into the light housings, it's a little fiddly. Get the rubber started then making sure its vertical push upwards using the tip of a flat screwdriver. If you didn't mark the lights earlier, you can connect the key and switchgear connectors and turn on the bike and activate the signals and high beam to determine which is which. The light that comes on straight away is the check engine light and the remaining one is low fuel.
9. Now start to reconnect the electrical cables. Again, please note that the top left and top right connectors are interchangeable and if you don't install them correctly your bike will turn-over but not start! If you have relocated your engine mode switch to the handlebars as part of a large gas tank install you may find that that cable is too short to reach the top center cable location. If that's the case just remove the connector from the panel and connect directly, there's plenty length in the harness side.
10. Install the key relocation bracket or USB hole reducer if not using the USB outlet. Tidy and secure the wires and cables to your satisfaction paying particular attention to any pinching or chafing risks. Fine tune the height of the Dash assembly and fully tighten the bracket mounting screws. **Do not overtighten.**
11. Test start the bike and check all switch functions.
12. It's now time to install the Voyager! Clip it into the dock as usual. If using the Aluminum Dock you'll use the thumbscrew to tighten the dock. Depending on the mounting height selected the Trail Tech supplied thumb screw may interfere with the headlight mask. In this case the thumbscrew can be replaced with a M5 screw (provided).
13. Attach the bezel using your choice of M4 screws. Philips, hex and anti-tamper are provided.
14. Stand back and admire your new dash!

## 2022+ Model Year Specific Instructions

The 2022 model year bikes have a stock bracket that incorporates headlight mask mounting points instead of the rubber straps on earlier bikes. In the photo below you will see the bracket we supply that replaces the stock one.



## 2023 Model Year Specific Instructions.

On the '23 bikes a fuel line clip has been used to secure the warning lights. You will need a 'Clic-R' type hose clip tool available for approximately \$10 on amazon and ebay.



## ACCESSORY INSTALLATION

Before continuing with installation of the power outlet or any other accessory we recommend loosening your handlebar mounted lever perch bolts and switchgear to allow fine tuning of cable routing. Check all cables to ensure no pinching or chaffing. Adjust and tighten handlebar controls. Re-attach the mask and stand back and admire your work!

## INSTALLATION NOTES

Note that the bike used in this installation guide has 20mm bar risers installed. Bar risers allow you to mount the Dash lower behind the mask as shown here than when used with stock bar clamps.



Bar Risers may cause the bars to obscure the view of instrument lights depending on height of rider and bar fore/aft position.

A low mounting position may tilt the headlight mask forward and change the headlight angle as a result. Please check and adjust your headlight after installation.