



SPECIALIZED SHIV TT (2020-CURRENT) ASSEMBLY GUIDE

SUMMARY

This document provides:

1. A concise overview of the Body Rocket Sensors.
2. The necessary adapters for the Specialized Shiv TT (2020-Current) model.
3. **Coming soon: Full Assembly Guides and 'how to' instructions.**
4. The Body Rocket system mounted on a Specialized Shiv TT (2020-Current) bicycle.

SENSOR OVERVIEW

HANDLEBAR AND SADDLE SENSORS



The Body Rocket Handlebar and Saddle sensors share identical design and functionality. Both devices measure aerodynamic drag and are specifically designed for integration with time trial and triathlon bicycles. The BR saddle sensor is installed between the seatpost and the saddle, while the BR handlebar sensor is installed between the basebar and the aerobars, replacing either the dual riser or monoriser system. Following the

physical installation of the BR handlebar and saddle sensors on the bicycle, please consult the calibration document for the essential installation protocol before use.

Weight: 131g



PEDAL SENSORS



Similar to the handlebar and saddle sensors, the main purpose of the Body Rocket pedals are to measure aerodynamic drag. The assembly is straight forward - simply mount the pedals in the cranks arms, tightening to 30Nm. In order for the pedals to function you will also need to install a magnet which will be installed on the chainstay. After physically mounting the BR pedals

please follow our calibration document before riding - there are 2 simple installation protocols which need to be followed.

Weight: 148g

AIR SPEED SENSOR



The Air Speed sensor attaches to the front of the bike. It has two main purposes - to measure airspeed and yaw, and secondly to serve as the 'brains' of the system. Mounting this device on a bicycle is simple with a 1 bolt design and doesn't require any calibration procedures

Weight: 150g

WHEEL SPEED SENSOR

The final sensor required to gain a live CdA value and for the system to operate is mounting a Hub based wheel speed sensor to either the front or rear wheel. There is a simple pairing step to carry out before heading out and riding.

Weight: ~22g



SPECIALIZED SHIV TT (2020-CURRENT) ADAPTERS

BASEBAR TO BODY ROCKET HANDLEBAR SENSOR ADAPTER



The part displayed on the left mounts between the Specialized Shiv TT basebar and the Body Rocket Handlebar Sensor. It converts the Specialized dual riser stack to a mono-riser stack.

Weight: 131g

BODY ROCKET HANDLEBAR SENSOR TO BR AEROBAR ADAPTER



The assembly displayed above is the Body Rocket Universal Top Plate. This directly mounts on



the Body Rocket Handlebar sensor and allows for 30 degrees of tilt, stack and reach changes, as well as 10 degrees of 'toe in'. It's where you mount your pads as well as insert your Aerobars.

Weight: 244g

SPECIALIZED SHIV TT SEATPOST TO BODY ROCKET SADDLE SENSOR ADAPTER



The part displayed on the left is a universal adapter and mounts between the Specialized Shiv TT seatpost and the Body Rocket Saddle Sensor.

Weight: 30g

BODY ROCKET SADDLE SENSOR TO SADDLE



The assembly displayed on the left shows the parts (assembled in position) required to mount a saddle to the Body Rocket saddle sensor.

Weight: 70g



HANDLEBAR ASSEMBLY (BR BARS)



*Shown with 20mm of additional spacers above the sensor



SADDLE ASSEMBLY

