



Introduction

Way to go! This FSA Component is built to shred. Stick to these instructions and you'll be on the trail soon. Failure to follow the instructions and warnings could result in damage to product not covered under warranty, damage to bicycle, or cause an accident resulting in injury or death. Since specific tools and experience are necessary for proper installation, it is recommended that the product be installed by a qualified bicycle Mechanic. FSA assumes no responsibility for damages or injury related to improperly installed components.

Warranty

Full Speed Ahead (FSA) warrants all FSA, Vision and RPM products to be free from defects in materials or workmanship for a period of two years after original purchase unless otherwise stated in the full warranty policy. The warranty is non-transferable and valid to the original purchaser of the product only. Any attempt to modify the product in any way such as drilling, grinding, and painting will void the warranty. For more information on warranty policy and instructions for completing a warranty claim, check out the Full Warranty Policy found at our website: <https://www.fullspeedahead.com/en/technology>

Specification

Model Name / Item Number	FSA NS AGX i21 TC 700c / 29"	/ WH-TX-54-9
Model Name / Item Number	FSA NS AGX i25 TC 650c / 27.5"	/ WH-TX-55-7
Model Name / Item Number	FSA NS AGX i25 TC 700c / 29"	/ WH-TX-55-9

Components

Follow the assembly order in the illustration:

① Front Wheel	⑥ Front Hub End Cap Kit – TA15	⑩ E0507 Asymmetric Rim Valve Cover
② Rear Wheel	⑦ Front Hub End Cap Kit – TA12	⑪ ME311 Tubeless Rim Tape 30mm
③ Front Hub	⑧ Rear Hub End Cap Kit – X12	⑫ W1033 Wheelset Spoke Protector
④ Rear Hub	⑨ E0723 Tubeless Valve adapter	⑬ MW322 cassette spacer
⑤ Freehub Body		

Optional Parts

Model Name / Item Number XD Driver Kit / EL297

Optional Parts for NS Wheels are not included in the package. Optional parts can be purchased from FSA distributors or dealers.

Installation

Note: FSA NS Wheels include a tubeless conversion kit. For installation of tubeless system, see below instructions.

1. Ensure Tubeless rim tape ⑩ and Valve Adapter ⑨ are installed.
2. Install tubes (if using) and clincher tires onto the front ① and rear wheels ② following the tire manufacturer's instructions.
3. Lightly grease the Freehub Body ⑤ and install cassette as instructed by cassette manufacturer. Wheels equipped with a Shimano Freehub Body ⑤ are compatible with Shimano 9, 10 and 11 speed, and other compatible cassettes. Use the supplied cassette spacer ⑬ with 9 or 10 speed systems and Shimano MTB 11 speed systems.
4. Install disc brake rotor as instructed by manufacturer and tighten to manufacturer's recommended torque. **⚠ WARNING** Periodically check disc rotor screws for correct torque. Improper tightening or loose rotor screws can cause the rider to lose control of the bike and may result in injury or death.

For Through Axle Wheels: Install wheels into front or rear drop-outs following manufacturer's instructions. **⚠ WARNING** Check Through Axle for tightness before every ride.

Tubeless Rim Tape Installation

1. Using a small piece of abrasive pad or emery cloth, rotate the wheel for one full rotation while scrubbing the spoke bed cavity to remove any small burrs and any glaze on the anodized finish.
2. Using a clean rag and isopropyl alcohol, clean the spoke bed of any dirt or oil then wipe the rim cavity with a dry rag. Ensure there is no lint or foreign matter collected at the spoke holes.
3. To start the application of the tubeless rim tape ⑩, locate the tape on the rim or the weld joint of the rim. Start the end of the tape above the weld, between two of the spoke nipple holes. Center the tape in rim cavity and press to adhere. Hold the tape at the starting point with one hand and pull the tape as tightly as possible with the other hand. The tape will make some popping sounds but will not stretch and break. Alternately lay the tape on the spoke bed and press or burnish the tape firmly with your fingers.
4. Repeat the procedure in Step 3 until you have wrapped the rim two complete times.
5. Overlap the starting point by about 4 inches (10cm) and cut the tape.
6. Rotate the wheel one full revolution, pressing firmly with your fingers on the tape to make sure it has conformed to the rim cavity. Ensure no wrinkles in the tape.
7. Locate the valve hole and using a small knife or razor blade, carefully cut open the valve hole with a small "x". Trim the radius of the hole.
8. Install the tubeless valve ⑨ in to valve hole and secure firmly using the valve adapter ⑨ and valve nut.

Axle End Cap Removal & Installation

1. Choose the correct axle configuration for the type of axle used.
2. The Front & Rear axle caps ⑥ / ⑦ / ⑧ are press fit and will pop out of the hub shell. Remove the old axle cap and press in the new cap. Make sure that no O-rings are pinched and endcap can spin smoothly.

Table 1.

Axle End Cap Selection	Thru Axle (TA12)	Thru Axle (TA15)	Thru Axle (X12)
Front	MW754	MW746	-
Rear	-	-	MW747

Contact

If you have questions, please visit our web site technical section: <https://www.fullspeedahead.com/en/support> or contact:

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