GALLIUM PRO DISC Gloss shown above. The Gallium Pro Disc is also available in Black Matte.
For the warranty to be valid, the bicycle must be fully assembled by an authorized Argon 18 dealer. High-end components, particularly carbon parts, need extra care when assembled. These components must be installed using a calibrated torque wrench to make sure every bolt is at the right torque setting to prevent damage.
Tools needed for assembly

1: Bearing Cup Press (Park Tool HHP-2)
2: Allen Key Set
3: Grease
4: Utility Pick Set (Park Tool Item #UP-SET)
5: Clean Rags
6: Derailleur Hanger Alignment Gauge (Park Tool Item #DAG-2 or #DAG-2.2)
7: Cables and Housing Cutter
8: Carbon Paste
9: Loctite #242
10: Torque Wrench

First Aid Kit: Essential parts to always have on hand
IN CASE OF EMERGENCY...THIS MIGHT SAVE YOUR RIDE!

1: Spare rear derailleur hanger (SKU: 80649)
2: Seat clamp (SKU: 80546)
This chart indicates recommended values. Max and min drop values are calculated according to Canadian specification. Please consult one of our authorized dealers for further informations on your bike fit.
SPECIFICATIONS

Brakes
Use only flat mount hydraulic disc brakes. The frame and fork are compatible with either 140mm or 160mm disc rotors. Adapters might be required, consult brake manufacturer.

• Rear mount thickness: 30mm
• Rear flat mount fixing bolt length (for 140mm rotor): 43mm
• Rear converter fixing bolt length (for 160mm rotor): 36.8mm

Axles
Naild 12-3-9 quick release thru axles with integrated rear derailleur hanger. Axles are included with frameset.

Tire Clearance
Up to 28mm tire clearance.

Seat Post
27.2mm (Argon 18 ASP-6600 Carbon Seat Post Included)

Seat Post Clamp
30.7mm

Bottom Bracket
BB86 (Press-fit)

Headset
FSA No 37 + 3D Press-fit (Bearing 1 1/8”, 36°x45° top and 1 1/2”, 36°x45° bottom + FSA TH-881-1 Compressor included)

No more than 30mm of spacer can be place between the stem and the top cap of the 3D system. And the use of more than 5mm spacer on top of the stem could void the efficiency of the compressor. These practices will automatically cancel any warranty claim against the manufacturer.
Assemble the seat post collar with the seat post. Apply carbon paste on the seat post where it inserts inside the frame. Tighten the bolt at 4 Nm.
The seat post is supplied fully assembled. It’s equipped with a spring-loaded head for easy installation of the saddle.

1. Unscrew both bolts slightly until the top clamp (a) and the cradle (b) are separated enough to insert the saddle rail. Do not unscrew the bolts completely.

2. Screw both bolts in order to adjust the angle of the saddle and clamp the rail.

3. Tighten bolts at 4.5Nm.
The top clamp (a) and the cradle (b) can be flipped to change the saddle offset between 15 or 25mm.
BEFORE ASSEMBLING YOUR NEW GALLIUM PRO DISC, MAKE SURE THAT YOU HAVE ALL THE FOLLOWING:

1. Frameset parts (see p.9)
2. Inspect the frame for cosmetic aspect (scratches, bumps, cracks, paint defect, etc.)
3. For reference, check serial number and write it on p.2
4. All the necessary bolts (refer to Frameset Parts, p.9)
5. For optimal shifting performance, use a derailleur hanger alignment gauge to make sure that the derailleur hanger is straight (p.10)

IMPORTANT:
The following parts are assembled on the frame. When assembling the bike, you will need to adjust these parts according to their torque specifications.

<table>
<thead>
<tr>
<th>Parts installed on the frame</th>
<th>Description</th>
<th>Screw type</th>
<th>Torque Nm</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Bottle cage</td>
<td>Screw (4)</td>
<td>5 mm</td>
<td>3 Nm</td>
<td>Grease</td>
</tr>
<tr>
<td>2 Chain stay cable guide</td>
<td>Screw (2)</td>
<td>3 mm</td>
<td>1.5 Nm</td>
<td>Grease</td>
</tr>
</tbody>
</table>
1. Ensure that the derailleur hanger is aligned.

2. Use Derailleur Hanger Alignment Gauge like Park Tool Item #DAG-2 or #DAG-2.2.

For any assistance, visit Park Tool’s website: parktool.com/product/derailleur-hanger-alignment-gauge-dag-2

Also see instructions from Naild for rear assembly in Appendix (p.27).
Start installation at this end.

Insert derailleur cables with hoses using plastic caps.

Insert hydraulic brake hose as shown.

BR = Brake Hose
DC = Derailleur Cable (mech.)
DH = Derailleur Housing (mech.)
Exit derailleur cables through bottom bracket (BB) hole.

Insert in the appropriate slots in the BB guide.

Making sure the pipe is aligned with the top hole, insert BB guide in the square hole until it clicks.

DC = Derailleur Cable (mech.)
Exit the hydraulic brake hose through the hole on the chain stay.

BR = Brake Hose
DC = Derailleur Cable (mech.)
DH = Derailleur Housing (mech.)
Start installation at this end.

Insert electronic wire and hydraulic brake hose as shown.

BR = Brake Hose
EW = Electronic Wire
Use the square hole to connect all the wires to the junction box.

Insert the junction box in the hole.

Insert the BB cover in the square hole until it clicks.

EW = Electronic Wire
Exit the hydraulic brake hose through the hole on the chain stay.
The Di2 battery is hidden in the seatpost; use the Di2 battery holder to fix the battery correctly. Apply a slight amount of grease on both parts.
Start installation at this end.
Insert hydraulic brake hose as shown.

BR = Brake Hose
Use the square hole to connect all the wires to the junction box.

Insert the junction box in the hole.

Insert the BB cover in the square hole until it clicks.
Exit the hydraulic brake hose through the hole on the chain stay.
GALLIUM PRO DISC 246A/246B: 10. Parts’ SKUs and Descriptions

- SKU: 80554
- SKU: 80546
- SKU: 80553
- SKU: 38879
- SKU: 38661
- SKU: 80649
- SKU: 80404
- SKU: 80403
- SKU: 80552
- SKU: 80550
- SKU: 80549
- SKU: 38884
- SKU: 80548
- SKU: 80547
- SKU: 80551
- SKU: 80543
- SKU: 80403
- SKU: 38446
- FK.GALLPRO_D.M-XL.246A
- FK.GALLPRO_D.XXS-S.246A
- FK.GALLPRO_D.XXS-S.246B
- FK.GALLPRO_D.M-XL.246B

Included in SKU: 80403
Included in SKU: 80404
## GALLIUM PRO DISC 246A/246B: 10. Parts’ SKUs and Descriptions

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Assembled on</th>
<th>A18 SKU#</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Parts already assembled</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Rear Derailleur Hanger</td>
<td>Frame</td>
<td>80649</td>
<td>1</td>
</tr>
<tr>
<td>3.1</td>
<td>Seat Post Clamp Subassembly</td>
<td>Seat Post</td>
<td>80657</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Removable Cable Stopper</td>
<td>Frame</td>
<td>80552</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Cable Stopper</td>
<td>Frame</td>
<td>38879</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>Bottom Bracket Cable Guide</td>
<td>Frame</td>
<td>80547</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>Rear Axle (NAILD) With Adjuster</td>
<td>Frame</td>
<td>80404</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Front Axle (NAILD) With Adjuster</td>
<td>Frame</td>
<td>80403</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Flat Head Socket Cap Screw - M3 x 0.5 x 10mm LG</td>
<td>Frame</td>
<td>80555</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>Round Cap Screw - M5 x 16mm LG</td>
<td>Frame</td>
<td>38884</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Parts</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gallium Pro Disc Frame (Black/White)</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Gallium Pro Disc Frame (Matte Black/Black)</td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Gallium Pro Disc Fork (Black/White)</td>
<td></td>
<td>FK.GALLPRO_D.XXS-S.246A</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Gallium Pro Disc Fork (Matte Black/Black)</td>
<td></td>
<td>FK.GALLPRO_D.M-XL.246A</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Gallium Pro Seat Post Assembly (Black/White)</td>
<td></td>
<td>SP.GALLPRO_D.246A</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Gallium Pro Seat Post Assembly (Matte Black/Black)</td>
<td></td>
<td>SP.GALLPRO_D.246B</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Seat Post Collar</td>
<td>Frame</td>
<td>80546</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Oblong Cable Guide</td>
<td>Frame</td>
<td>80551</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>Round Plug</td>
<td>Frame</td>
<td>80554</td>
<td>3</td>
</tr>
<tr>
<td>9</td>
<td>Oblong Plug</td>
<td>Frame</td>
<td>80549</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>Oblong Grommet</td>
<td>Frame</td>
<td>80550</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>Di2 Bottom Bracket Cover</td>
<td>Frame</td>
<td>80548</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>Round Grommet</td>
<td>Frame</td>
<td>80553</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>Internal Di2 Battery Support</td>
<td>Seat Post</td>
<td>38446</td>
<td>1 Set</td>
</tr>
<tr>
<td></td>
<td>End-User Tool (NAILD TOOL)</td>
<td></td>
<td>80710</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>3D Headset Assembly</td>
<td>Fork</td>
<td>38661</td>
<td>1</td>
</tr>
</tbody>
</table>

*Except for the frame itself, which is not sold as a spare part, all parts can be ordered by referring to their respective SKU number.*
**GALLIUM PRO DISC 246A/246B: 11. Appendix - Naild Axles Installation**

<table>
<thead>
<tr>
<th>ASSEMBLY STEPS</th>
<th>DESCRIPTION</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STEP #1</strong></td>
<td>ADJUSTER INSERT ALIGNED INTO FORK</td>
<td>FLATS ALIGNED SHOULDER FLUSH</td>
</tr>
<tr>
<td><strong>STEP #2</strong></td>
<td>AAT_12 TOOL ALIGNED INTO NDS OF FORK, AAT_12 ENGAGES BORE OF ADJUSTER INSERT.</td>
<td>SEMIPERMANENT THREAD LOCK SUITABLE FOR AI-AL USE</td>
</tr>
<tr>
<td></td>
<td>AAT_12 ENGAGES FLAT OF ADJUSTER INSERT. ADJUSTER ASSEMBLY NUT THREADED TO ADJUSTER INSERT AND TORQUED TO SPEC FLATS MUST REMAIN ALIGNED</td>
<td>TORQUE SPEC = 12-15 N-m</td>
</tr>
<tr>
<td><strong>STEP #3</strong></td>
<td>ADJUSTER COVER ONTO ADJUSTER INSERT ADJUSTER COVER NUT THREADED TO ADJUSTER ASSEMBLY NUT</td>
<td>ADJUSTER COVER FLAT ON ADJUSTER INSERT. ADJUSTER COVER NUT TORQUE SPEC = 2-3 N-m. ADJUSTER COVER FREE TO ROTATE</td>
</tr>
</tbody>
</table>

---

**AAT_12 TOOL ALIGNS**

**SEMI PERMANENT THREADLOCK APPLIED**

**FLATS ALIGNED**

**SHOULDER FLUSH**

**TORQUE SPEC 12-15 N-m**

**COVER FLAT ON NUT AND HEX FACES ENGAGED**

**FLUSH TO FORK. TORQUE TO 2-3 N-m. COVER SHOULD ROTATE FREELY**

---

**Extracted Text:**

**STEP #1**

- ADJUSTER INSERT ALIGNED INTO FORK
- FLATS ALIGNED
- SHOULDER FLUSH

**STEP #2**

- AAT_12 TOOL ALIGNED INTO NDS OF FORK
- AAT_12 ENGAGES BORE OF ADJUSTER INSERT
- AAT_12 ENGAGES FLAT OF ADJUSTER INSERT
- ADJUSTER ASSEMBLY NUT THREADED TO ADJUSTER INSERT AND TORQUED TO SPEC FLATS MUST REMAIN ALIGNED
- SEMIPERMANENT THREAD LOCK SUITABLE FOR AI-AL USE
- TORQUE SPEC = 12-15 N-m

**STEP #3**

- ADJUSTER COVER ONTO ADJUSTER INSERT
- ADJUSTER COVER NUT THREADED TO ADJUSTER ASSEMBLY NUT
- ADJUSTER COVER FLAT ON ADJUSTER INSERT
- ADJUSTER COVER NUT TORQUE SPEC = 2-3 N-m
- ADJUSTER COVER FREE TO ROTATE

---

**Notes:**

- Ensure all parts and components are within Spec/Tolerance before assembly.
- Follow quadrant code specifications for service and service intervals.
- Assembly and maintenance to be done by qualified and certified mechanic.
- Assembly specs subject to change. / REV2016.06.22

---

**Drawing Details:**

- DRAWN BY:
- DESIGNED BY:
- CHECKED BY:
- RELEASED BY:
- DRAWING NO.
- SCALE:
- MATERIAL:
- ASSEMBLY CODE:
- ASSEMBLY CODE:

---

**Revised on:** 2016.06.22

**Revision:** A

**Sheet:** 1 of 1

---

**NOTICE:**

- Do not scale drawing.
- Do not bend sharp edges. Integrate 10 data for form and dimensional information.

---

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## Appendix - Naild Axles Installation

<table>
<thead>
<tr>
<th>STEP</th>
<th>DESCRIPTION</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Hanger Pin Mated to Hanger</td>
<td>Hanger Pin Secure. Hanger Flush to Frame</td>
</tr>
<tr>
<td></td>
<td>Hanger Inserted into Frame</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Use Standard or Direct Hanger According to Frame Spec May Eliminate Need for Hanger Pin</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>Adjuster Insert Aligned into Hanger</td>
<td>Flats Aligned</td>
</tr>
<tr>
<td></td>
<td>Pin Locked and Aligned Shoulder Flush</td>
<td></td>
</tr>
<tr>
<td>#3</td>
<td>AAT_12 Tool Aligned into Mds of Fork. AAT_12 Engages Bore of Adjuster Insert, Adjuster Assembly Nut Threaded to Adjuster Insert and Torqued to Spec Flats Must Remain Aligned</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Semipermanent Threadlock Suitable for All Use. Torque Spec = 12-15 N-m</td>
<td></td>
</tr>
<tr>
<td>#4</td>
<td>Adjuster Cover Onto Adjuster Insert</td>
<td>Adjuster Cover Flat on Adjuster Insert</td>
</tr>
<tr>
<td></td>
<td>Adjuster Cover Nut Threaded to Adjuster Assembly Nut</td>
<td>Adjuster Cover Nut Torque Spec = 2-3 N-m</td>
</tr>
<tr>
<td></td>
<td>Adjuster Cover Free to Rotate</td>
<td></td>
</tr>
</tbody>
</table>

---

### Details

- **GALLIUM PRO DISC 246A/246B**
- **Naild Axles Installation**
- **ADJUSTMENT STEPS**
  - **STEP #1**: Hanger Pin Mated to Hanger. Hanger Inserted into Frame. Use Standard or Direct Hanger According to Frame Spec May Eliminate Need for Hanger Pin.
  - **STEP #3**: AAT_12 Tool Aligned into Mds of Fork. AAT_12 Engages Bore of Adjuster Insert. Adjuster Assembly Nut Threaded to Adjuster Insert and Torqued to Spec Flats Must Remain Aligned. Semipermanent Threadlock Suitable for All Use. Torque Spec = 12-15 N-m.
  - **STEP #4**: Adjuster Cover Onto Adjuster Insert. Adjuster Cover Nut Threaded to Adjuster Assembly Nut. Adjuster Cover Flat on Adjuster Insert. Adjuster Cover Nut Torque Spec = 2-3 N-m. Adjuster Cover Free to Rotate.

---

**Note:** Ensure all parts and components are within spec/tolerance before assembly. Follow quadrat code specifications for service and service intervals. Assembly and maintenance to be done by qualified and certified mechanic. Assembly specs subject to change.