To maintain the validity of your warranty, 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 assembly
2: Seat post collar

Direct mount option
(available separately)
BEFORE ASSEMBLING YOUR NEW GALLIUM CS DISC, PLEASE:

1. Check your parts against the frameset parts checklist (see p.5-6)
2. Inspect the frame for cosmetic defects (scratches, bumps, cracks, paint defects, etc.)
3. Record serial number on p.2 for reference.
4. Make sure you have all the necessary bolts (refer to frameset parts, p.5-6)
5. For optimal shifting performance, use a derailleur alignment gauge to make sure that the derailleur hanger is straight.

Some of the following parts are already assembled on the frame. When assembling the bike, you will need to adjust these parts according to their torque specifications and fastener conditions when necessary.

<table>
<thead>
<tr>
<th>No.</th>
<th>A18 SKU#</th>
<th>Function</th>
<th>Description</th>
<th>Screw Type</th>
<th>Torque</th>
<th>Detail</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>38884</td>
<td>Water bottle mount screw</td>
<td>M5 x 16mm Screw</td>
<td>Socket head</td>
<td>3 Nm</td>
<td>Grease</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>80802*</td>
<td>Rear derailleur hanger screw</td>
<td>M4 x 12mm Screw</td>
<td>Flat head</td>
<td>2 Nm</td>
<td>Loctite</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>80546*</td>
<td>Seat post collar screw</td>
<td>M5 x 22mm Screw</td>
<td>Socket head</td>
<td>4 Nm</td>
<td>Grease</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>81052</td>
<td>Front Thru Axle</td>
<td>M12 x 1.5 x 119mm Axle</td>
<td>-</td>
<td>10 Nm</td>
<td>Grease</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>81052</td>
<td>Front Thru Axle</td>
<td>M12 x 1.5 x 161mm Axle</td>
<td>-</td>
<td>10 Nm</td>
<td>Grease</td>
<td>1</td>
</tr>
</tbody>
</table>

* Included With
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, consult brake manufacturer for bolt length

**Axles**
Thru-axles 12mm x 1.5mm, with one (1) removable handle. Axles are included with frameset.
- Front length: 119mm
- Rear length: 161mm

**Tire Clearance**
Up to 28c (30mm) tire clearance.

**Seat Post**
27.2mm (available separately)

**Seat Post Clamp**
30.7mm

**Bottom Bracket**
BB86 (Press-fit)

**Headset**
The headset is not supplied with the frameset. To choose a compatible one, please respect the following:
- Bottom Bearing: MR127 - 1 1/2", 36° x 45° Stainless Steel
- Top Bearing: MR127 - 1 1/2", 36° x 45° Stainless Steel  *Some system may require a 1 1/2", 45° x 45° Top bearing

For more information on compatible models, consult the following document: Argon 18 - Internal routing compatibility
GALLIUM CS DISC 362A/B

4. Frameset Parts

FK.GALLCS_D.XXS-S.362A
FK.GALLCS_D.M-XL.362A
FK.GALLCS_D.XXS-S.362B
FK.GALLCS_D.M-XL.362B
**GALLIUM CS DISC 362A/B**

### 4. Parts’ SKUs and Descriptions

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>A18 SKU#</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>-----</td>
<td>----------------------------------------------------------------------</td>
<td>------------------</td>
<td>-----</td>
</tr>
<tr>
<td>1</td>
<td>GALLIUM CS DISC FRAME</td>
<td>NOT AVAILABLE AS SPARE PART</td>
<td>1</td>
</tr>
<tr>
<td>1.1</td>
<td>GALLIUM DISC, PRO DISC, CS DISC CHAIN SUCK GUARD</td>
<td>81276</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Gallium CS Disc Fork (XXS/XS/S), 254mm steerer</td>
<td>FK.GALLCS_D.XXS-S.362A</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>-OR-</td>
<td>FK.GALLCS_D.XXS-S.362B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gallium CS Disc Fork (M/L/XL), 302mm steerer</td>
<td>FK.GALLCS_D.M-XL.362A</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FK.GALLCS_D.M-XL.362B</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>REAR DERAILEUR HANGER (INCL. HANGER, DROPOUT AND SCREW)</td>
<td>80802</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>SEATPOST COLLAR</td>
<td>80546</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>3D HEADSET SLEEVE, IST2</td>
<td>100156</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>3D HEADSET COLUMN 25, IST2</td>
<td>100361</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>OBLONG HYDRAULIC BRAKE HOUSING GROMMET</td>
<td>80551</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>LONG GROMMET Di2</td>
<td>80805</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>LONG GROMMET MECH</td>
<td>80985</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>LONG PLUG</td>
<td>80804</td>
<td>3</td>
</tr>
<tr>
<td>11</td>
<td>FD CABLE STOPPER</td>
<td>81242</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>WATER BOTTLE SCREW - M5 x 16mm</td>
<td>38884</td>
<td>4</td>
</tr>
<tr>
<td>13</td>
<td>BB COVER</td>
<td>80548</td>
<td>1</td>
</tr>
<tr>
<td>14</td>
<td>FOAM LINER</td>
<td>80811</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>A18 REAR THRU AXLE M12x161</td>
<td>81053</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>A18 FRONT THRU AXLE M12x119</td>
<td>81052</td>
<td>1</td>
</tr>
<tr>
<td>17</td>
<td>A18 THRU AXLE LEVER</td>
<td>81054</td>
<td>1</td>
</tr>
</tbody>
</table>

**Optional parts available separately**

- 3D HEADSET COLUMN 15, IST2                                           | 100362 | 1   |
- INTERNAL SEAT POST Di2 BATTERY SUPPORT                               | 38446  | 1   |
- DIRECT MOUNT REAR DERAILEUR HANGER                                   | 80832  | 1   |

*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.*
Assemble the seat post collar (80456) with the seat post (available separately). Apply carbon paste inside the seat tube and on the seat post where it inserts inside the frame. Apply grease on the threads of the M5x22mm socket head cap screw and tighten to 4 Nm.
The Di2 battery is hidden in the seatpost; use the Di2 battery holder* (38446) to install the battery correctly. Apply a slight amount of grease on both parts.

* Optional parts available separately for electronic shifting configurations
1. Select the correct rear derailleur hanger depending on the type of derailleur that you have.
   - Direct mount (80832) *available separately
   - Regular mount (80802)

2. Make sure to align the rear derailleur hanger.

3. Use a Derailleur Hanger Alignment Gauge like Park Tool Item #DAG-2.2.

For assistance, visit Park Tool’s website:
Install the 3D headset column if desired. You can choose from 3 different heights: 25mm (100361), 15mm (100362) or 0mm. For 0mm configuration, the bearing is placed directly in the frame.

**IMPORTANT:**

No more than 30mm of spacers can be placed between the stem and the top cap of the Headset.

The steerer must be trimmed no more than 5mm above the stem. The use of more than 5mm of spacers above the stem could void the efficiency of the compressor.

These practices will automatically void any warranty claim against the manufacturer.

* Optional parts available separately
Exit derailleur cables through chainstay hole, and use the Long Grommet Mech (80985) to cover the hole.

For full front derailleur housing, exit derailleur cables through bottom bracket (BB) hole, and use the Long Grommet Mech (80985) to cover the hole. See next page for routing with a cable stopper.

Plug the FD Hanger hole with the Long Plug (80804).
To route the front derailleur cable with a cable stopper, install the housing in the FD Cable Stopper (81242) and insert the derailleur cable.

Exit derailleur cables through bottom bracket (BB) hole. The lip of the FD cable stopper will rest on the inside of the frame.

Plug the FD Hanger hole with the Long Plug (80804).
Exit derailleur wires through chainstay hole, and use the Long Grommet Di2 (80805) to cover the hole.

Exit derailleur wires through bottom bracket (BB) hole, and use the Long Grommet Di2 (80805) to cover the hole.

Plug the bottom bracket (BB) hole with the Long Plug (80804).
Use the Long Plugs (80804) to plug holes near the FD hanger, BB and rear derailleur hanger.
Insert the BB cover (80548) in the rectangular hole until it clicks.

Exit the hydraulic brake hose through the hole on the chain stay and use the oblong grommet (80551) to cover the hole.
Refer to the tables below for details on saddle height and seatpost insertion limits.

i. The correct frame size must be determined according to the saddle height limits.
   A. Minimum Saddle Height
   D. Maximum Saddle Height

ii. Depending on the size of the frame and the desired saddle height, the seatpost might need to be cut.
   B. Maximal insertion depth in the frame's seattube.
   C. Required seatpost cut length to be able to adjust the saddle height at the Minimum position.
      - Adjust the seatpost cut length in accordance with your desired saddle height.

   \[
   \text{Required minimum seatpost cut length} = C - (\text{"desired saddle height"} - A)
   \]

   - Example: - For a desired saddle height of 600mm on a XXS-Gallium disc frame
   - The required minimum seatpost cut length is: 65 - (600-540) = 5mm

E. Minimal insertion depth in the frame’s seattube.

<table>
<thead>
<tr>
<th>Size</th>
<th>Saddle H Min</th>
<th>ST Max Insert</th>
<th>SP Cut</th>
<th>Saddle H Max</th>
<th>SP Min Insert</th>
</tr>
</thead>
<tbody>
<tr>
<td>XX-Small</td>
<td>540</td>
<td>215</td>
<td>65</td>
<td>740</td>
<td>80</td>
</tr>
<tr>
<td>X-Small</td>
<td>575</td>
<td>245</td>
<td>35</td>
<td>775</td>
<td>80</td>
</tr>
<tr>
<td>Small</td>
<td>613</td>
<td>250</td>
<td>30</td>
<td>813</td>
<td>80</td>
</tr>
<tr>
<td>Medium</td>
<td>650</td>
<td>285</td>
<td>0</td>
<td>850</td>
<td>80</td>
</tr>
<tr>
<td>Large</td>
<td>685</td>
<td>320</td>
<td>0</td>
<td>885</td>
<td>80</td>
</tr>
<tr>
<td>X-Large</td>
<td>715</td>
<td>350</td>
<td>0</td>
<td>915</td>
<td>80</td>
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</tbody>
</table>