

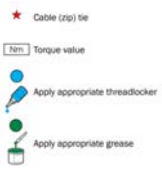
2023 VERVE+ 4, 5/DISTRICT+ 4, 5

SERVICE MANUAL

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Light routing

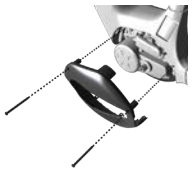


E-system routing

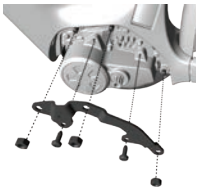


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Drive unit covers



Drive unit mounts



Bosch Connect Module



Charge socket



Battery cover



Battery dock mounts



Remote and display

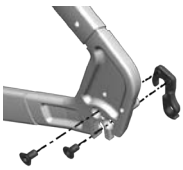


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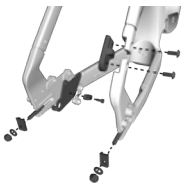
Headset



Rear derailleur hanger



Rear end



Chain guard



Beltguard — District+ 4/5



Rear rack and fender



Front fender



Kickstand



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About this manual

Scope

This manual contains parts diagrams, specifications (such as grease and torque values), instructions, part numbers, and helpful tips. It does not contain instructions for all components (such as brake calipers). Refer to the original manufacturer for more information.

Replacement parts

Trek recommends using only Trek OEM (original manufacturer) replacement parts.

Additional info

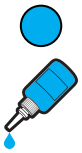
Additional manuals are available at Trekbikes.com/manuals.

- Owner's Manual
- Quick Start Guide - Bosch Smart System
- Manual - 2023 Bosch Smart System

Legend

★ Cable (zip) tie

Nm Torque value



Apply appropriate threadlocker



Apply appropriate grease

Safety

WARNING

Properly tighten hardware

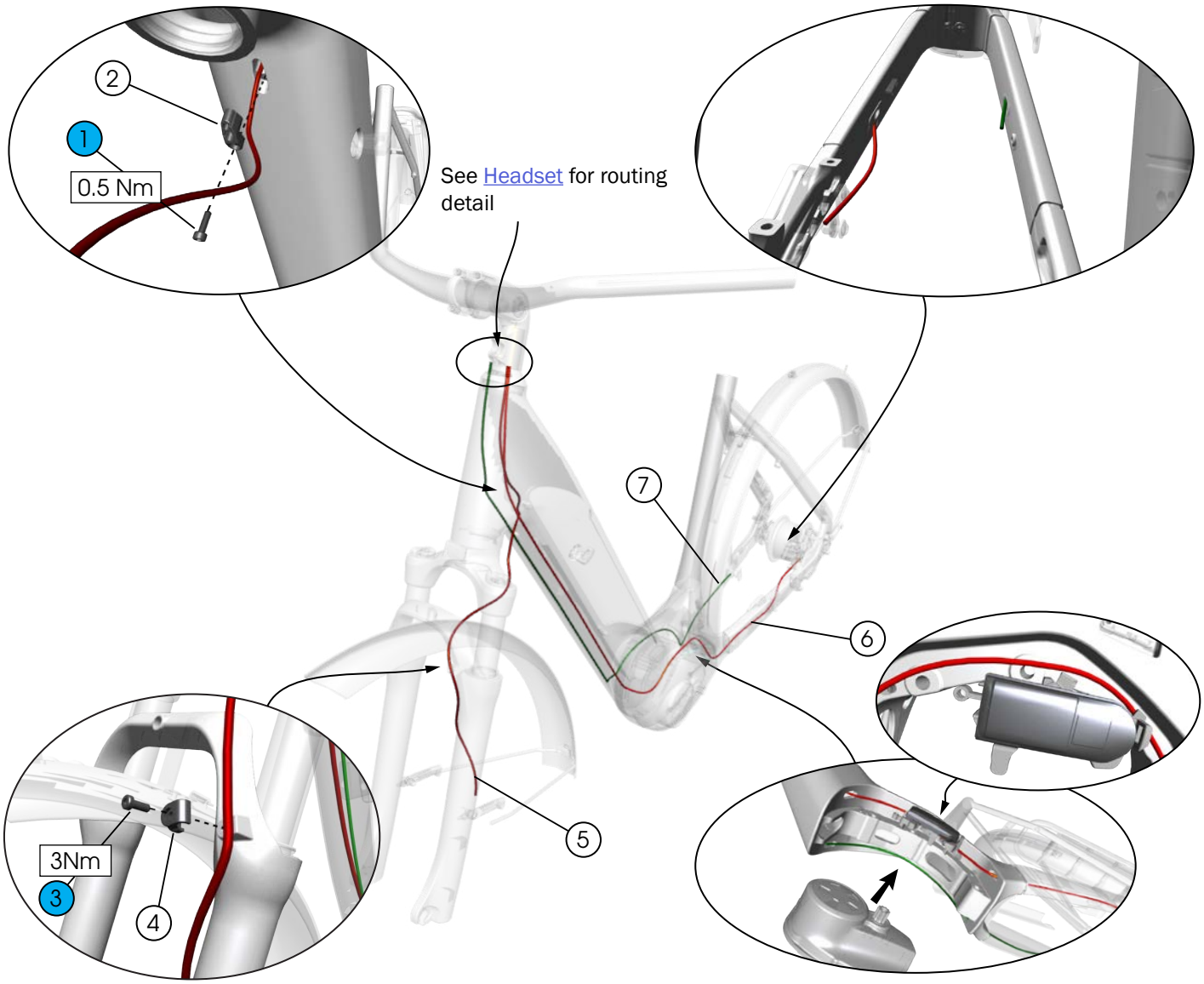
Always tighten hardware to the specified torque. Over-tightening hardware could deform or break the hardware or components. Under-tightening hardware could cause hardware or components to become loose. Either situation could damage the bicycle and result in injury to the rider.

WARNING

Reapply threadlocker

All reused-fasteners with pre-applied threadlocker must be cleaned with isopropyl alcohol and have new thread-locker applied before re-assembly. If threadlocker is not applied, the fasteners may loosen which could damage the bicycle and result in injury to the rider.

Brake/shift routing



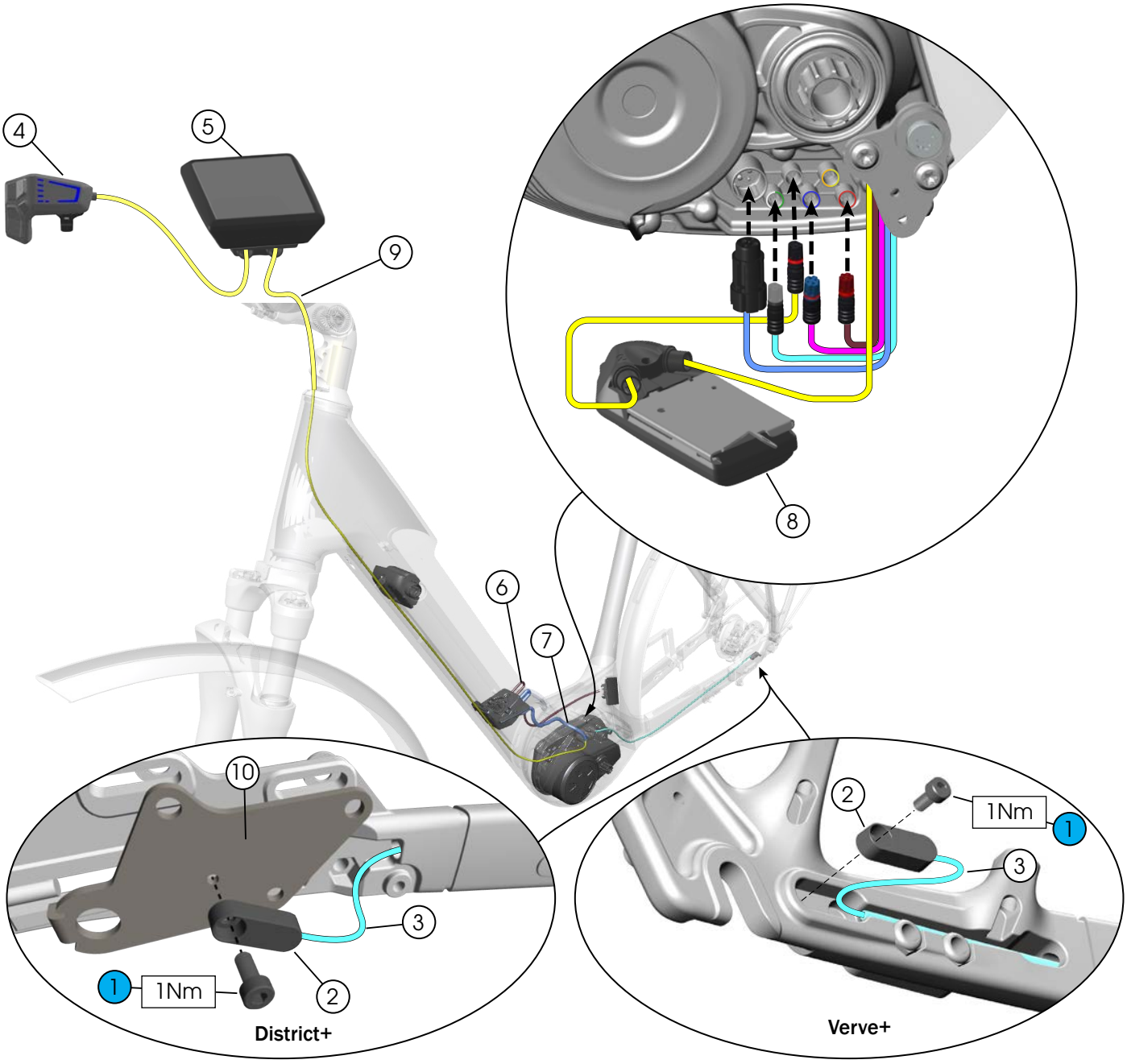
1. Fastener (M3x10mm) — 5284849
2. Grommet — W5294742
3. Fastener
4. Cable clip
5. Front brake hose
6. Rear brake hose
7. Rear derailleur cable

Light routing



1. Fastener (M3x10mm) — 5284849
2. Grommet — W5294742
3. Front light wire — *EB12.120.00H
4. Rear light wire — *EB12.120.00F
5. Wire connector — 5307542
6. Front light — 598624
7. Rear light — W504513
8. Handlebar light bracket (not shown) — W5288001

E-system routing



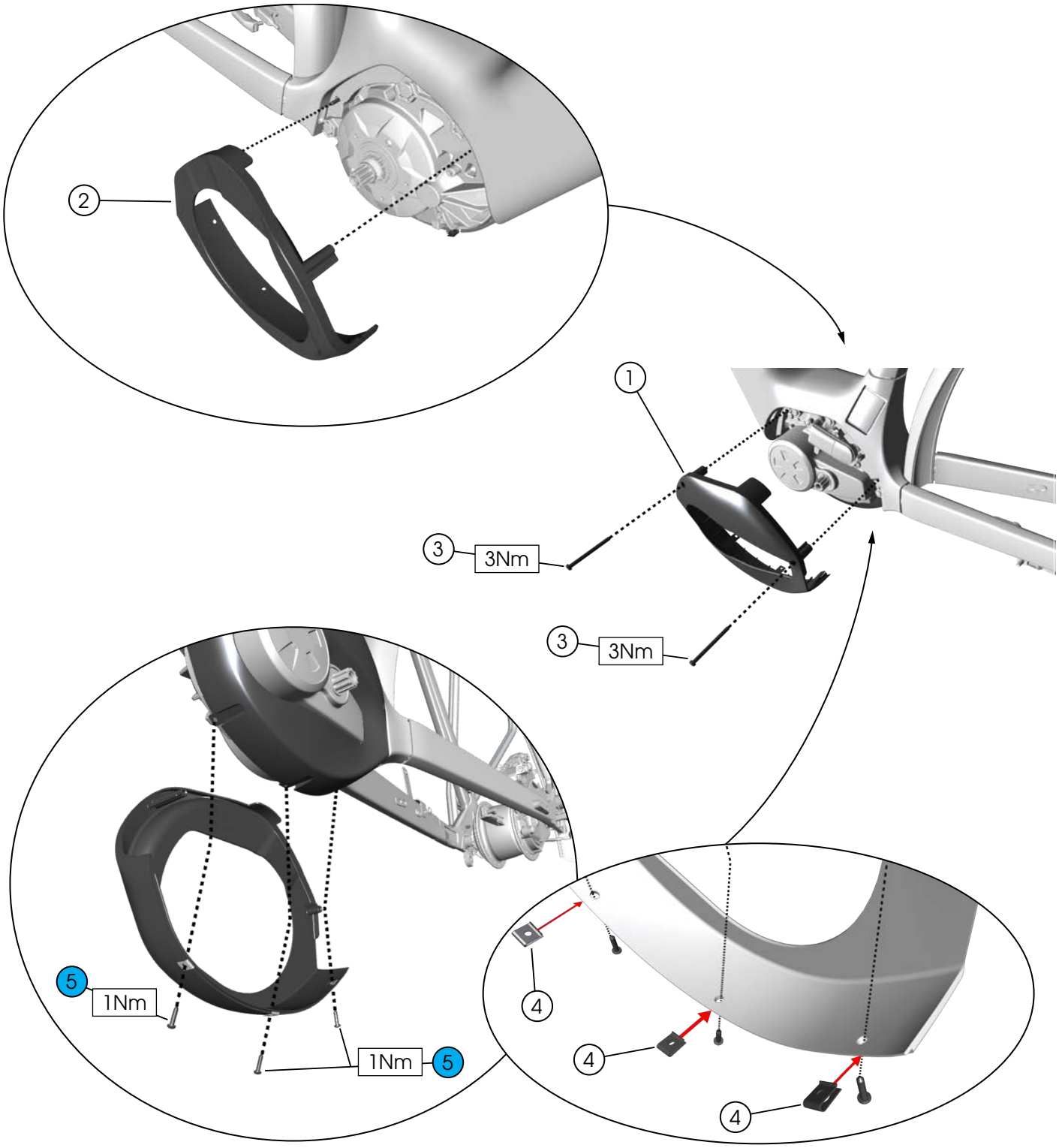
1. Fastener (M4x6mm)
2. Speed sensor
3. Speed sensor cable

— 5284750

4. Remote — *EB13.100.00E-VE8
5. Kiox 300 display — *EB13.100.003
6. Charging socket cable — *EB12.120.02C
7. Battery cable — *EB12.120.00W
8. Bosch Connect Module — *EB1320002L
9. Display cable — *EB12.120.005
10. Chain tensioner — W5290127

**Bosch part numbers*

Drive unit covers



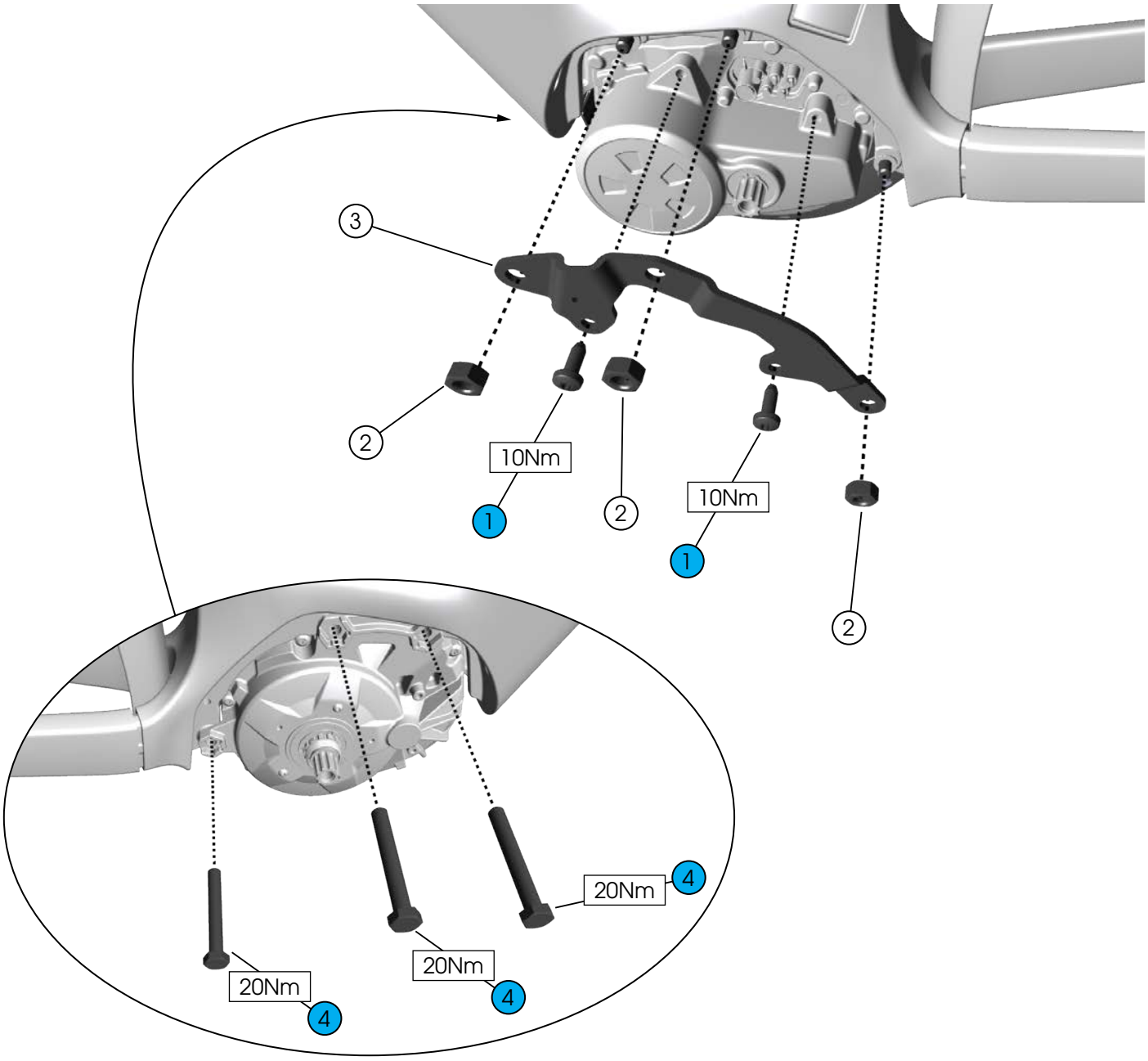
1. Drive unit cover, non-driveside
2. Drive unit cover, driveside

5295635

3. Tap screws (M4x53.5mm) — *1270.016.420
4. Clips — W562939
5. Fasteners (M2.9x13mm) — W5296506

**Bosch part numbers*

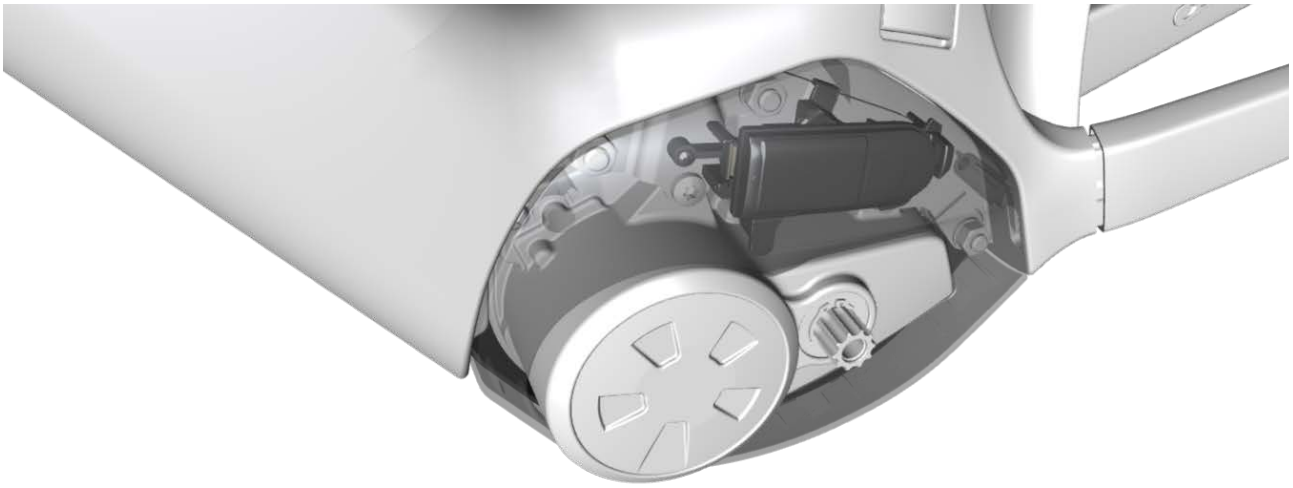
Drive unit mounts

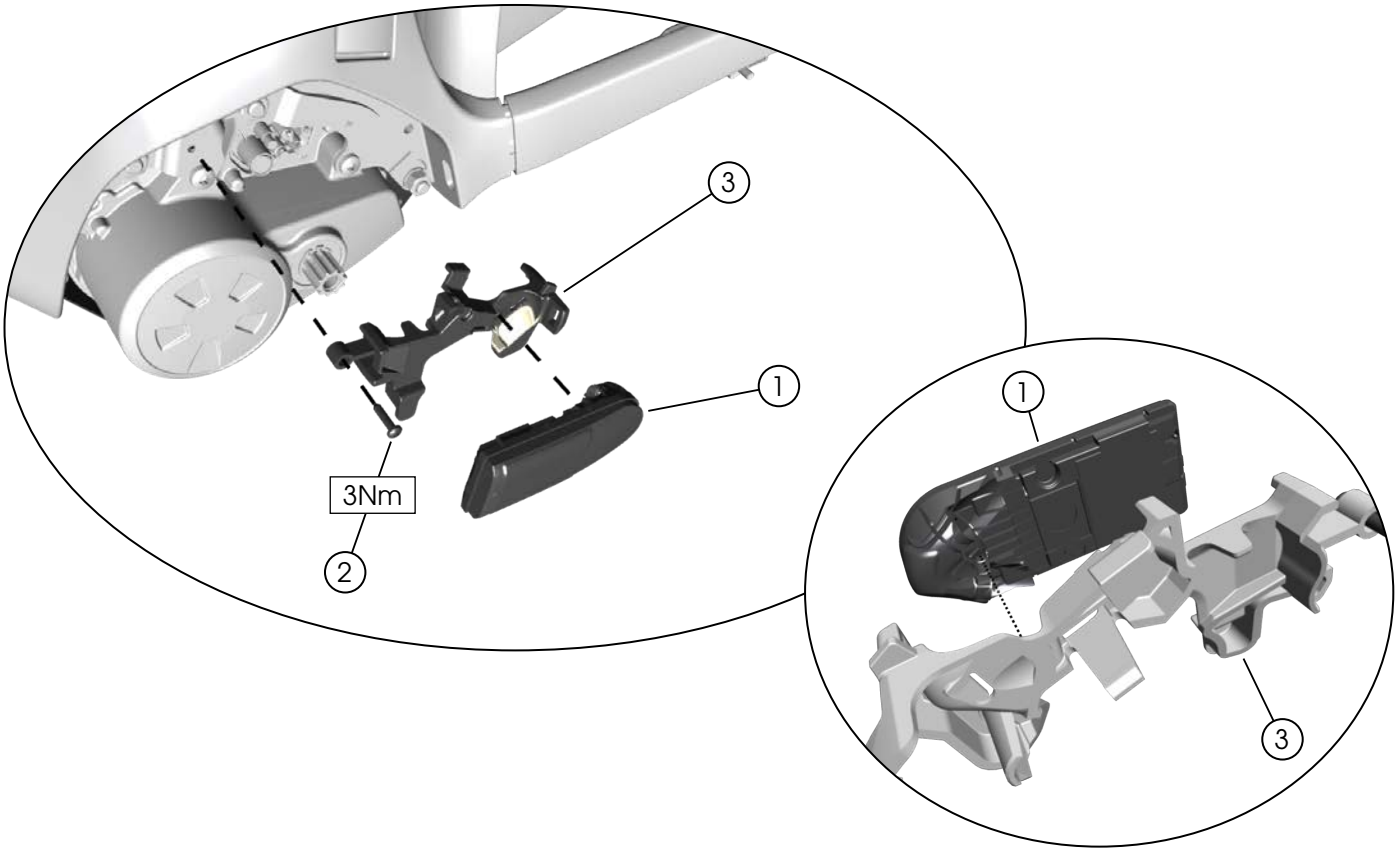


1. Fasteners (M6x16mm) — *EB11.200.00P
2. Nuts (M8) — *2915.068.005
3. Mounting plate — *EB11.200.03R
4. Fasteners (M8) — *2911.029.258

**Bosch part number*

Bosch Connect Module

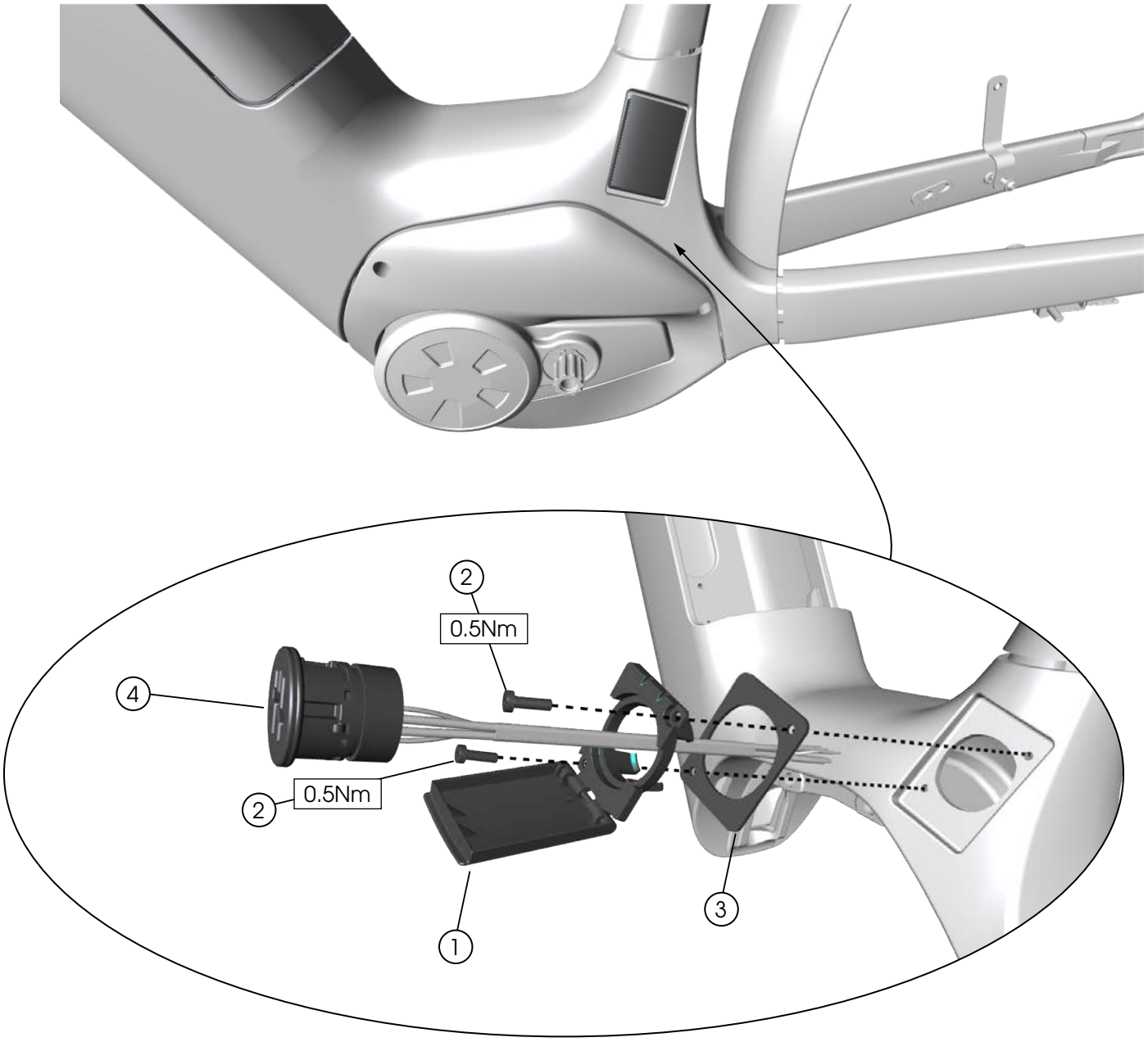




1. Bosch Connect Module — *EB1320002L
2. Fastener (M4x12mm) — W5310660
3. Bosch Connect Module bracket — W5308654

**Bosch part number*

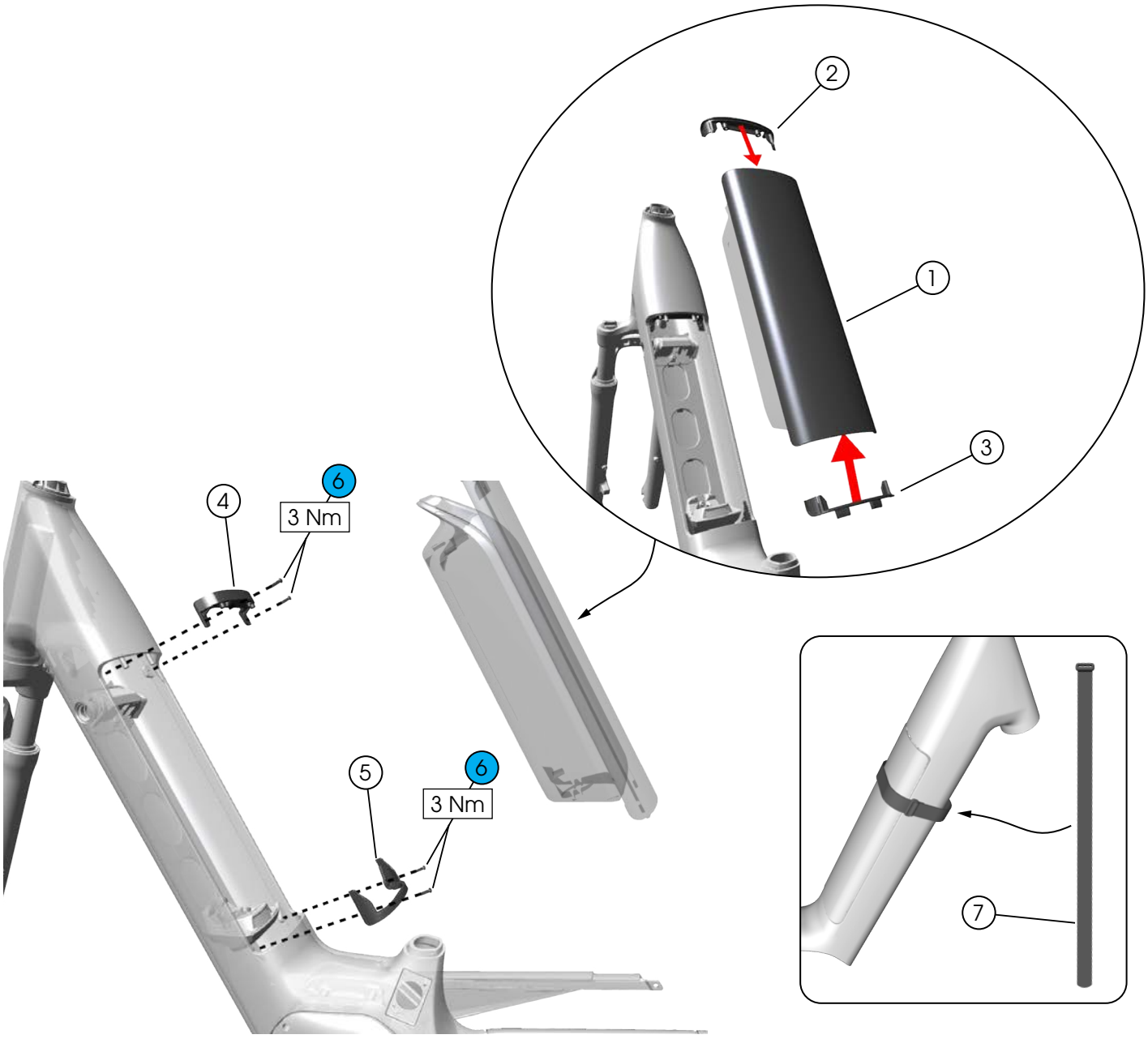
Charge socket



1. Charge socket cover — W5251862
2. Fasteners (M3x10mm) — 5284849
3. Charge port spacer — W5311693
4. Charging socket — *EB12.120.04A

**Bosch part number*

Battery cover



1. Battery cover
   - 545 Wh, Verve+3 – *5295447
   - 545 Wh, Verve+4 – *5295450
   - 545 Wh, Verve+5 – *5295451
   - 600 Wh – *5317083
   - 725 Wh – *W5280748
2. Bracket cover, top
3. Bracket cover, bottom

   5295662

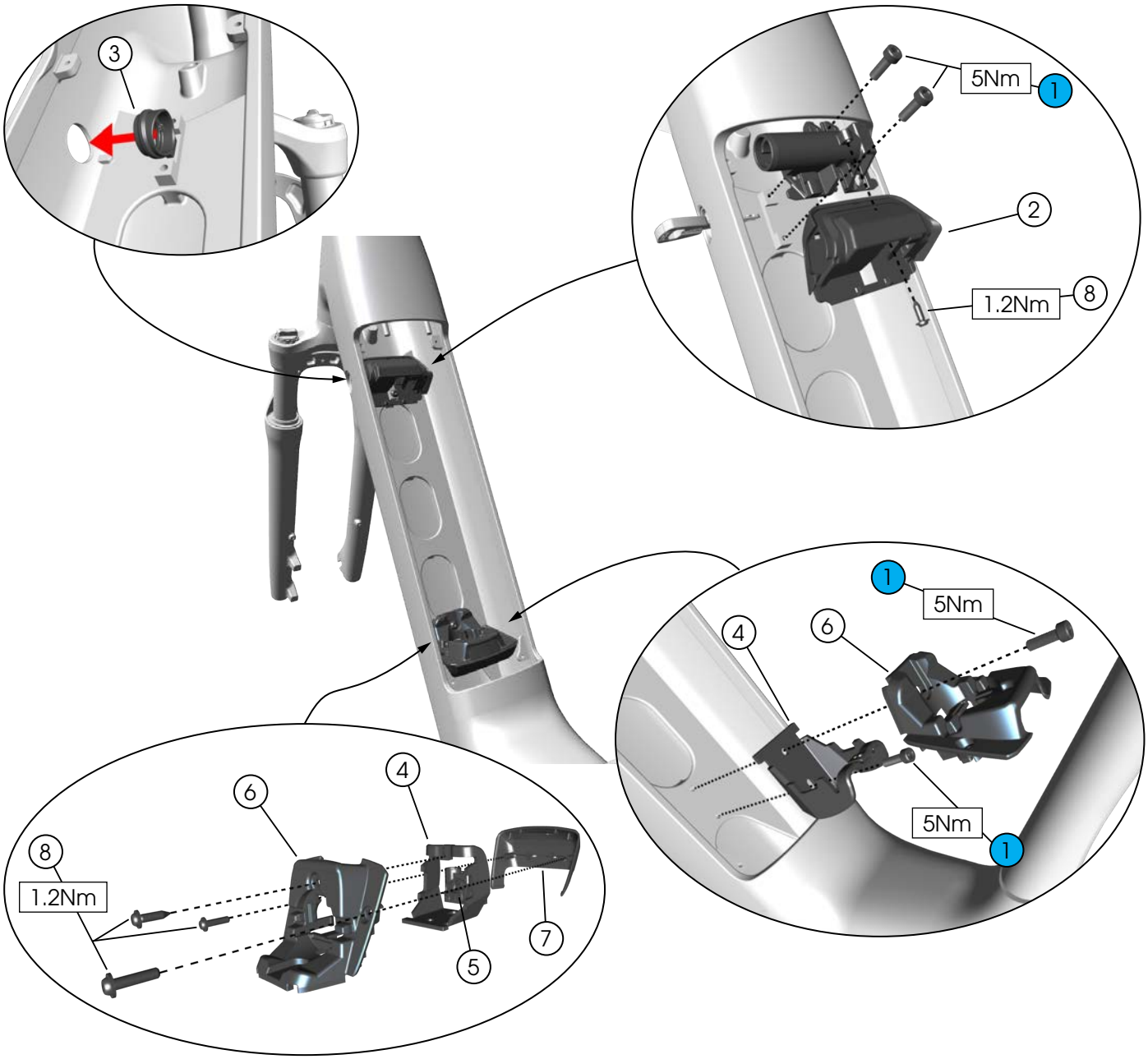
4. Battery bracket, top
5. Battery bracket, bottom

   5295661

6. Fasteners (M4x10 mm) – 5317308
7. Battery strap – W5290129

**Color-matched parts, see Trekbikes.com for full product list*

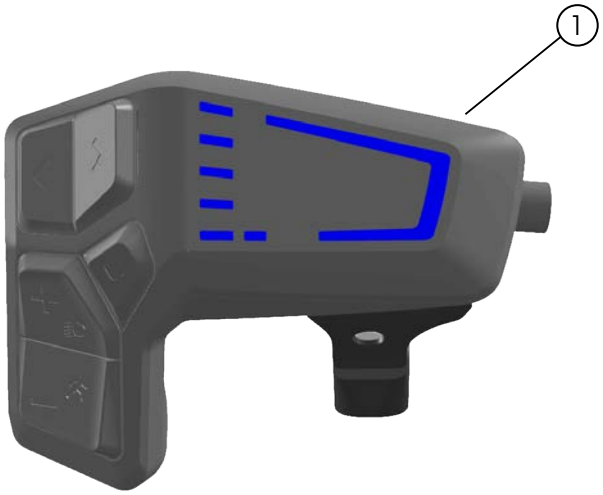
Battery dock mounts



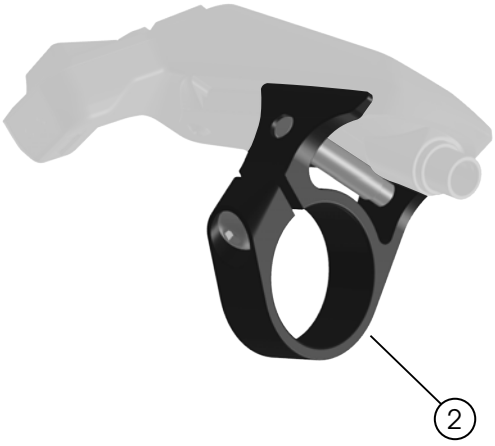
1. Fasteners (M5x12mm) — 5317306
2. Lock cover — W5306327
3. Lock grommet — W5290125
4. Fixing plate — *EB12.200.01E
5. Battery outlet — *EB12.100.015
6. Holding plate — *EB12.200.01G
7. Docking plate — W5311811
8. Tap fasteners (M3.5x12mm) — *1270.016.418

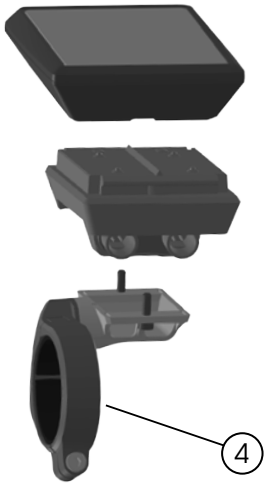
**Bosch part numbers*

Remote and display





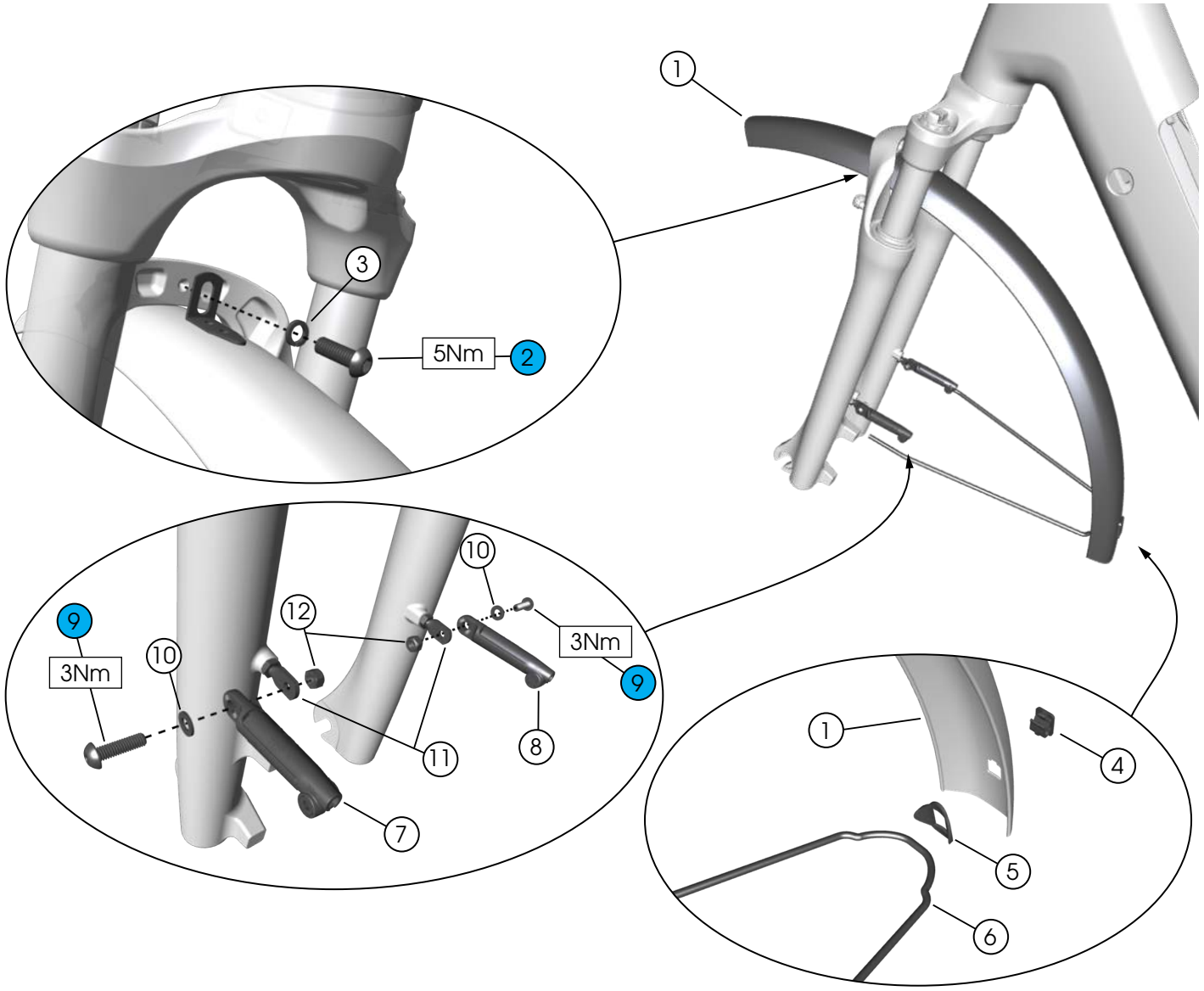




1. Remote — *EB13.100.00E-VE8
2. Universal clamp — *EB13.200.00B-VE8
3. Kiox 300 display — *EB13.100.003
4. Kiox display clamp *EB13.100.005

**Bosch part numbers*

Front fender

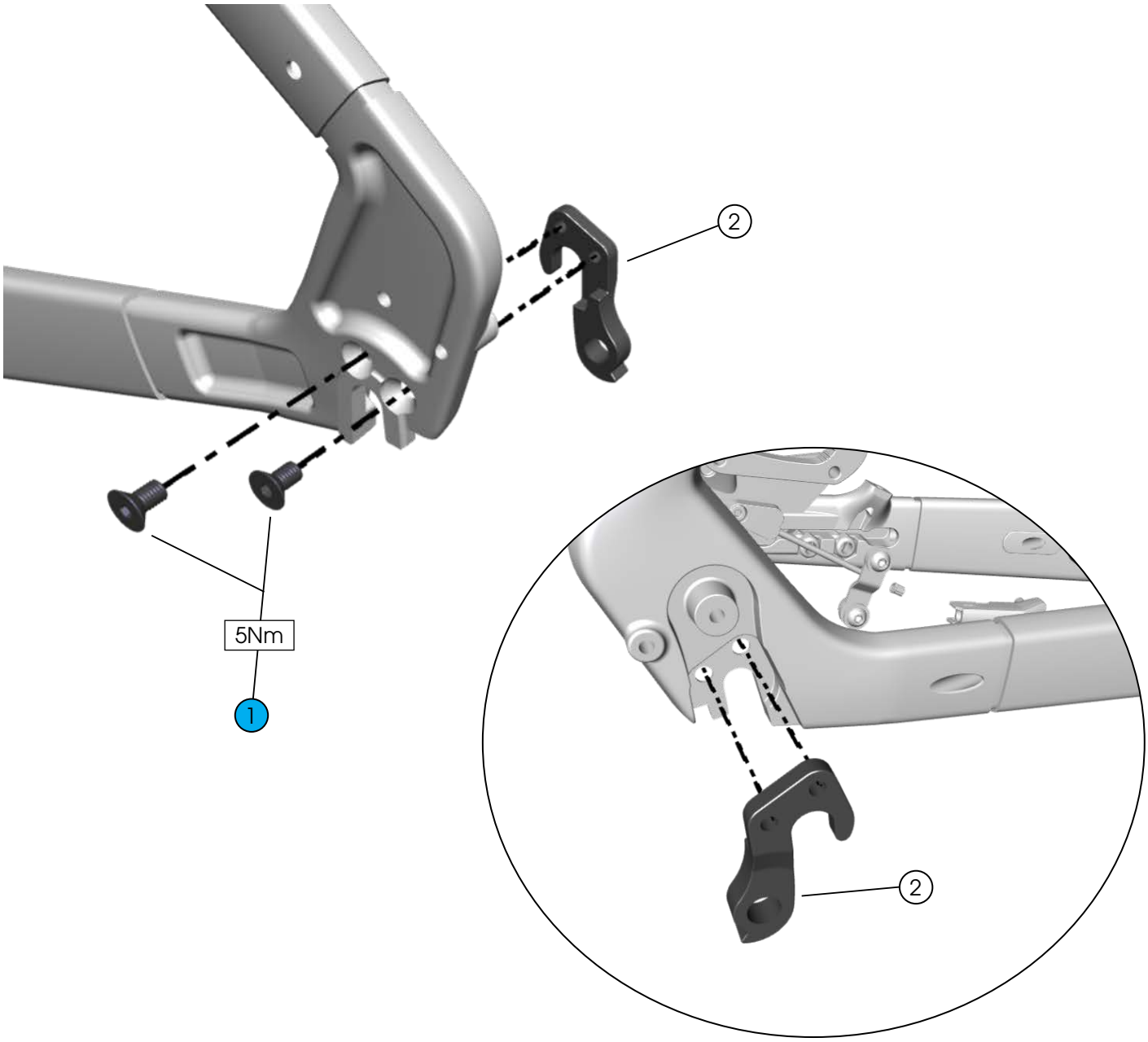


1. Front fender — W1051529
2. Fastener (M6x16mm) — 5317313
3. Split washer — 5317315
4. Stay clip
5. Damping rubber

   — 5258253
6. Fender stay (270mm) — W1049505
7. Stay mount, non-drive side
8. Stay mount, drive side

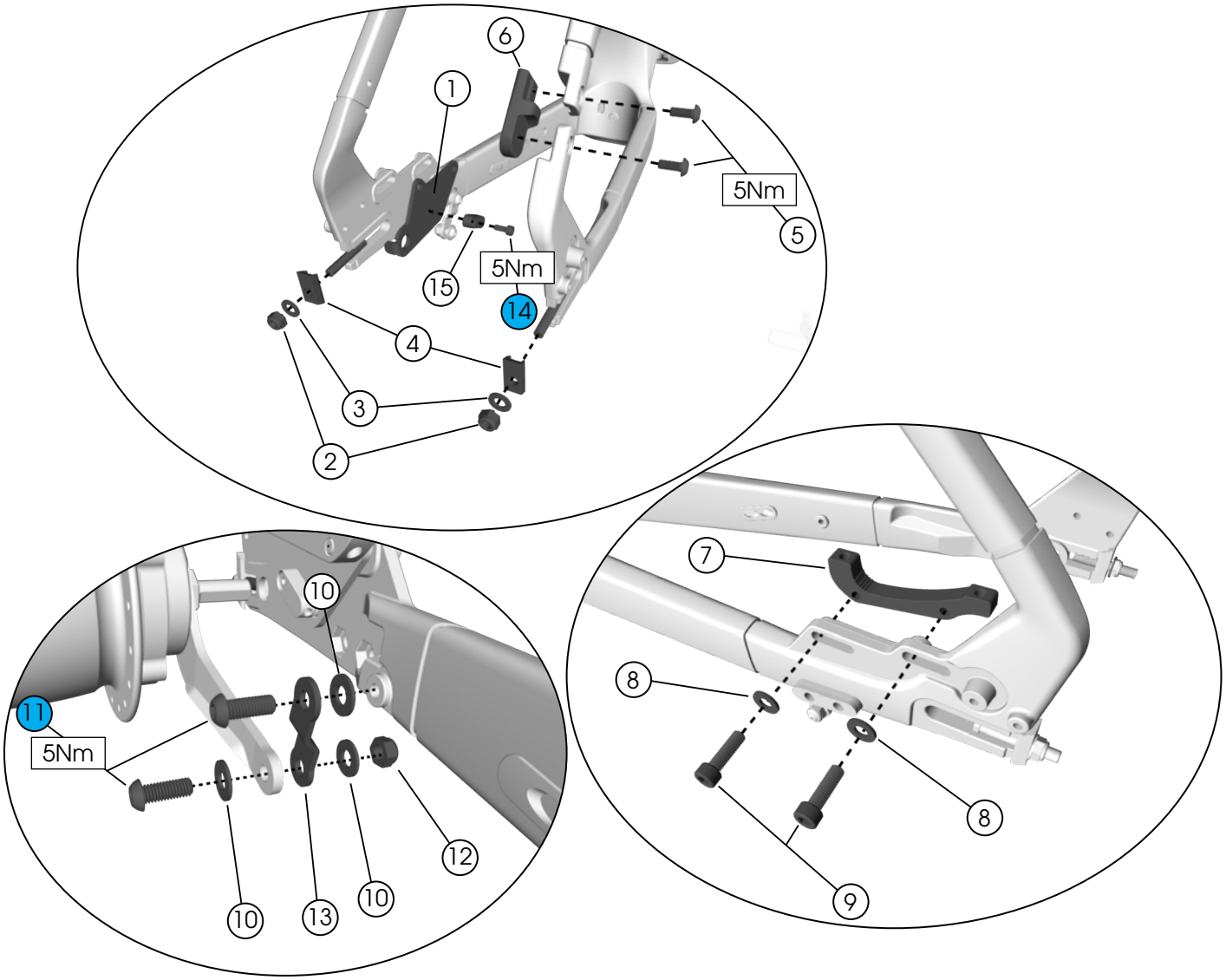
   — 5258260
9. Fasteners (M5x16mm) — 5317310
10. Washers (M5) — W521137
11. Bolt-nuts — W317707
12. Locknuts, Nylock (M5) — 580066

Rear derailleur hanger — Verve+ only



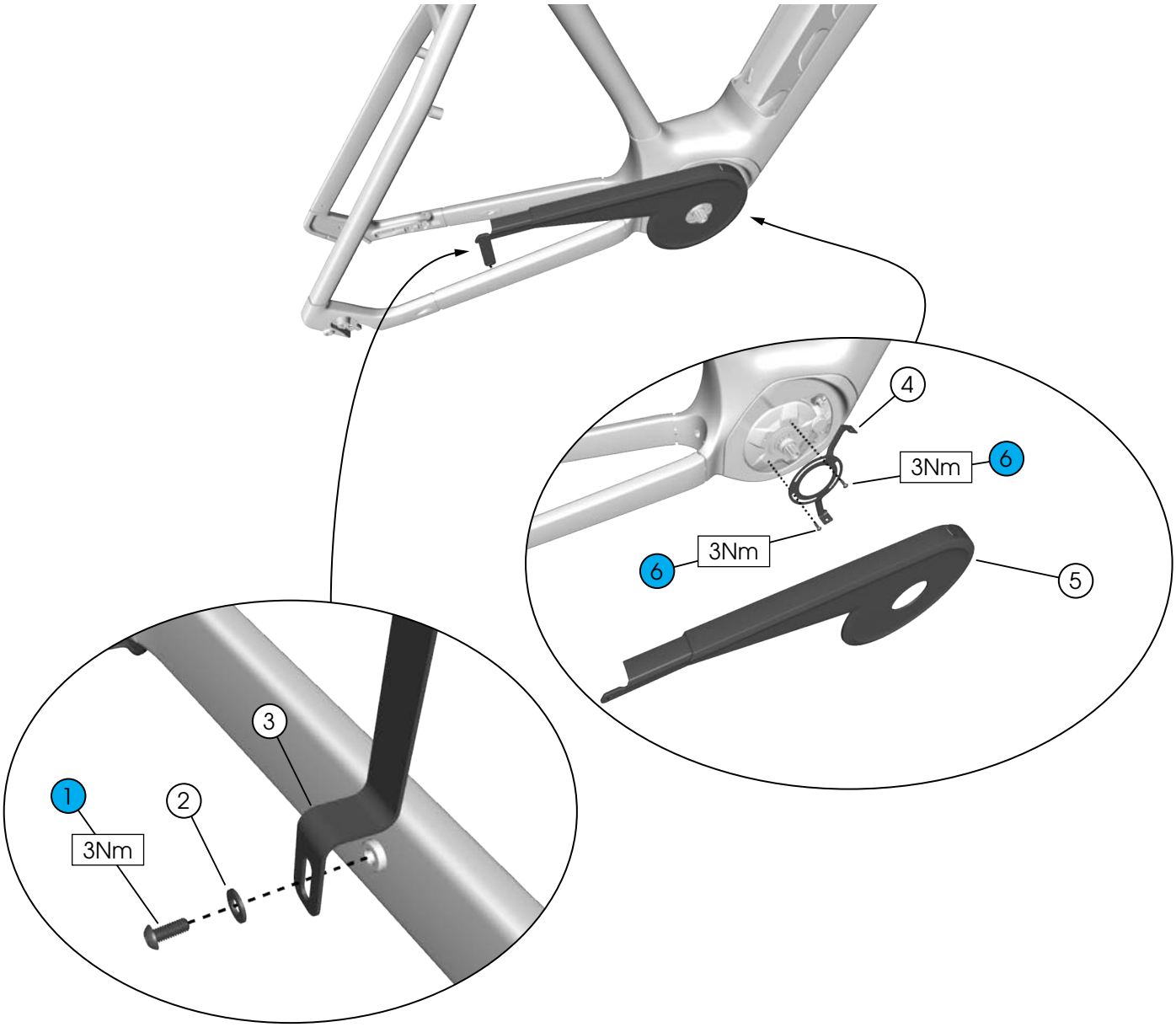
1. Fasteners (M5) — W300580
2. Rear derailleur hanger — W322175

Rear end — District+ only



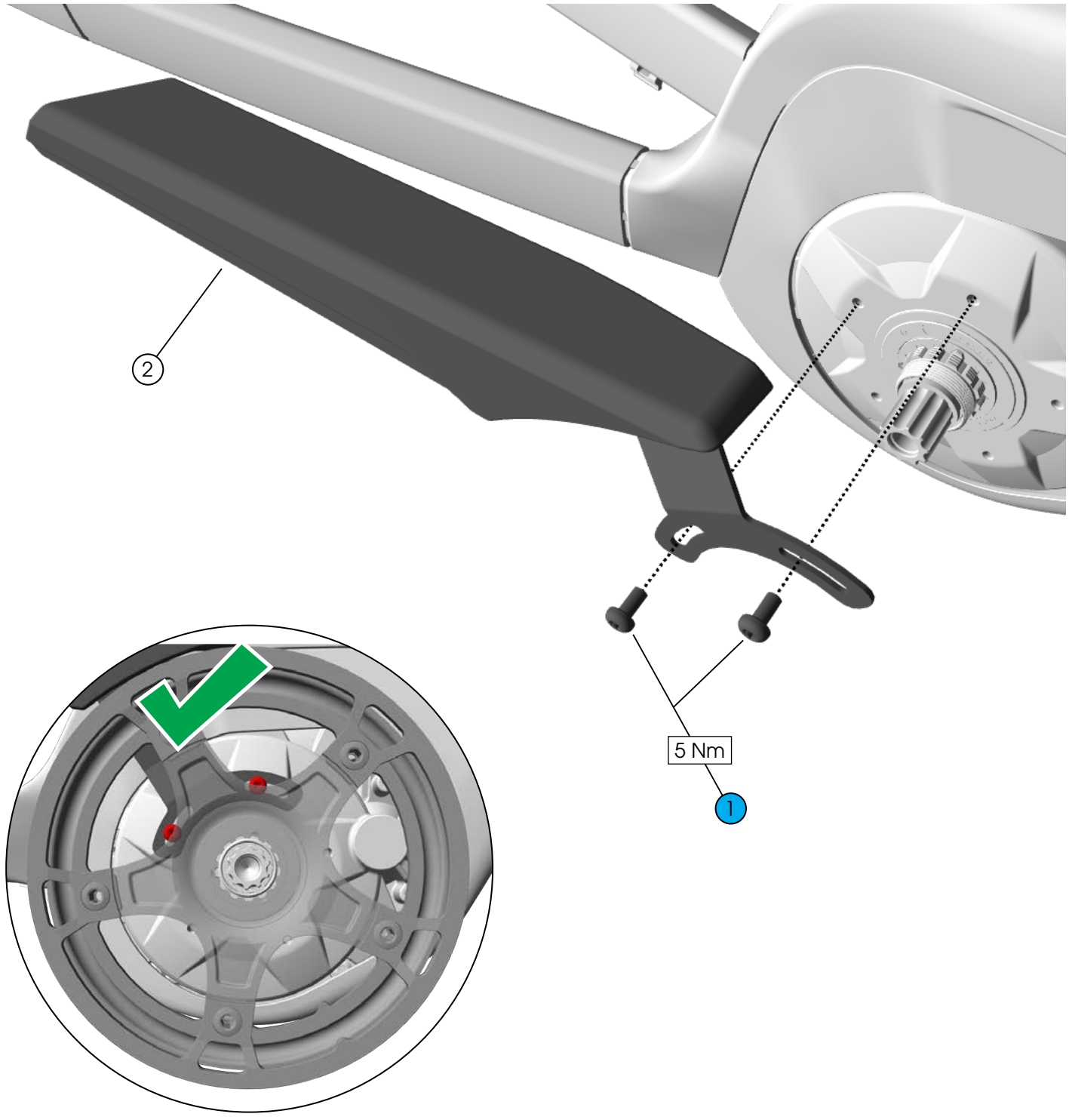
1. Chain tensioner — W5290127
2. Locknuts
3. Washers (M6x12.7mm) — W564075
4. End caps
5. Fasteners (M5x12mm) — W582810
6. Frame connector — W592588
7. Caliper adapter
8. Washers (M6x12mm) — 280814
9. Fasteners (M6x21mm)
10. Washers (M6x13.5mm)
11. Fasteners (M6x16mm) — 5317313
12. Nylock nut (M6)
13. Coaster brake hanger
14. Fastener (M4x6mm) — 5284750
15. Speed sensor — 5284750

Chain guard



1. Fastener (M5x14mm) — 5317304
2. Washer (M5)
3. Chainstay bracket — W558816
4. Chain ring bracket (43T) — W553291
   *51T bracket is connected to chain guard
5. Chain guard
   - 41T — 597337
   - 53T — W562885
6. Fasteners (M4x10mm) — 5317308

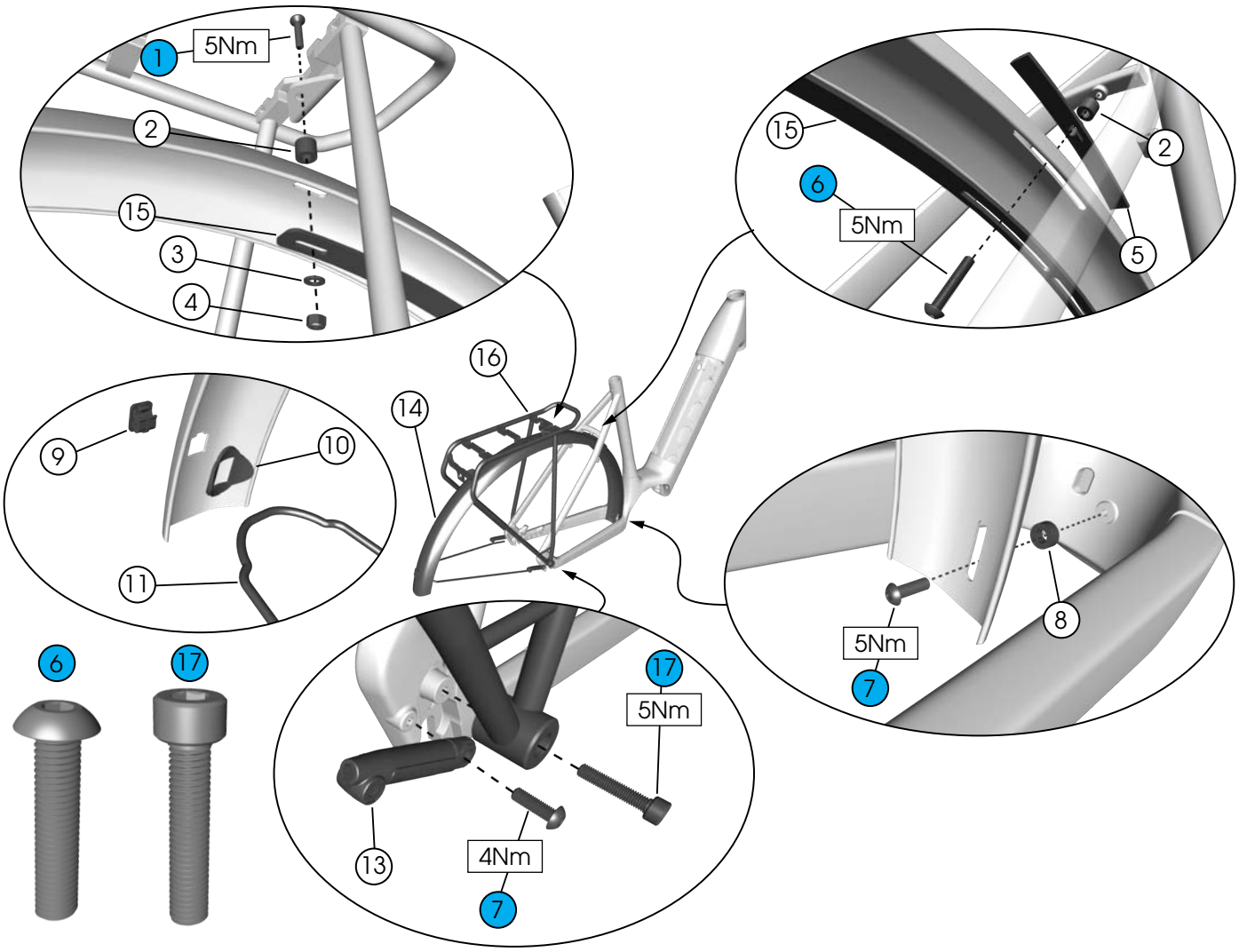
Beltguard — District+ 4/5



1 Fasteners, T20 (M4 x 8 mm)

2 Wing — *W5295305*

Rear rack and fender

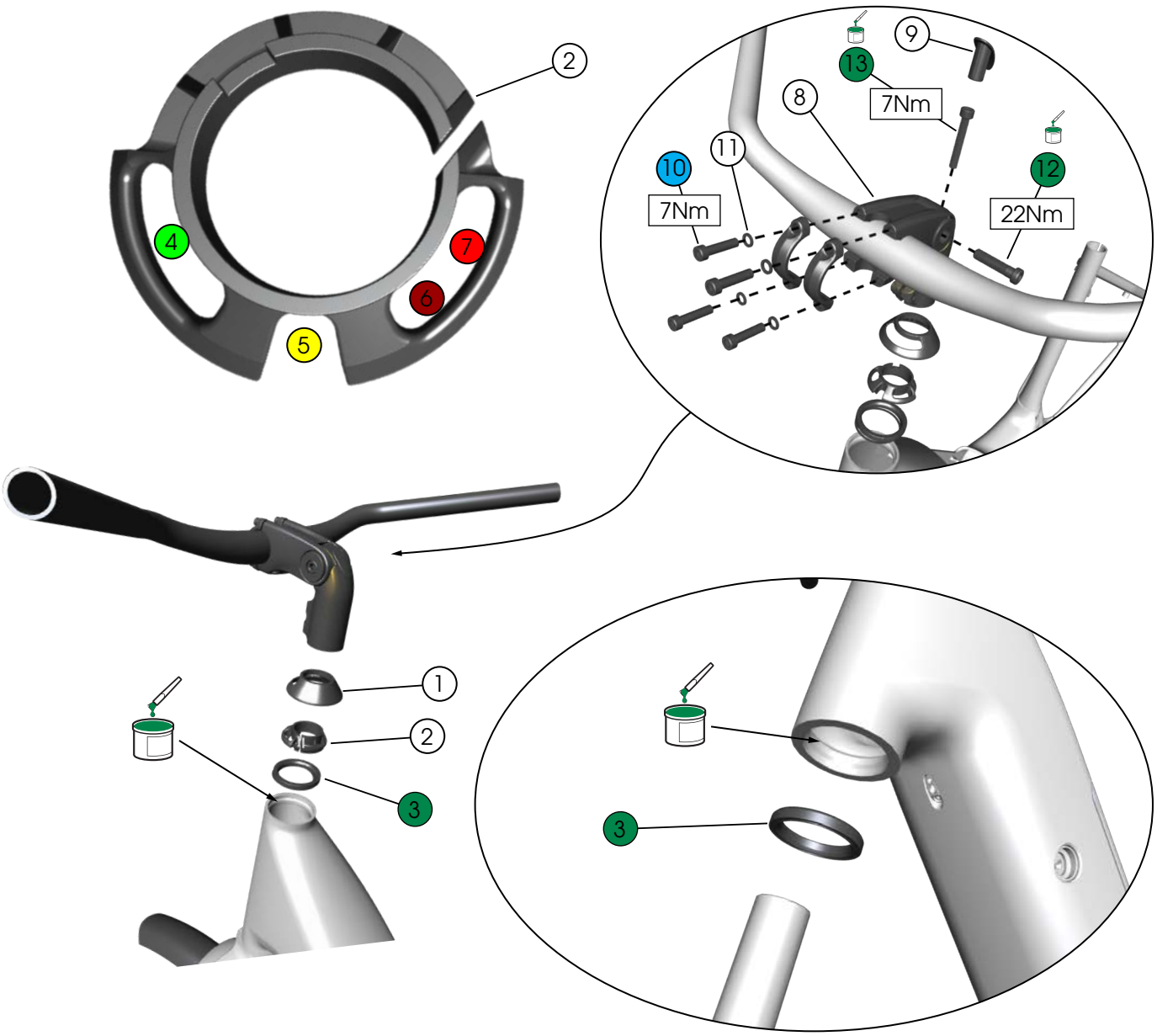


1. Fastener, flat head (M5x25mm) — 5260273
2. Spacers (10mm) — 5307541
3. Washer (M5) — W521137
4. Nut (M5) — 580066
5. Slot cover (65mm) — W1049294
6. Fastener (M5x25mm) — 5260274
7. Fastener (M5x16mm) — 5260274
8. Spacer (5mm) — 5260275
9. Stay clip
10. Damping rubber

   — 5258253
11. Fender stay (330mm) — W1049505
12. Stay mount, non-driveside (not shown above)
13. Stay mount, driveside

    — 5258260
14. Fender
    - XS — W5267796
    - S/M — W1043753
    - L/XL — W1043754
15. Fender strut — W600320
16. Rack — W5284846
17. Fastener (M5x25mm) — 5308514

Headset

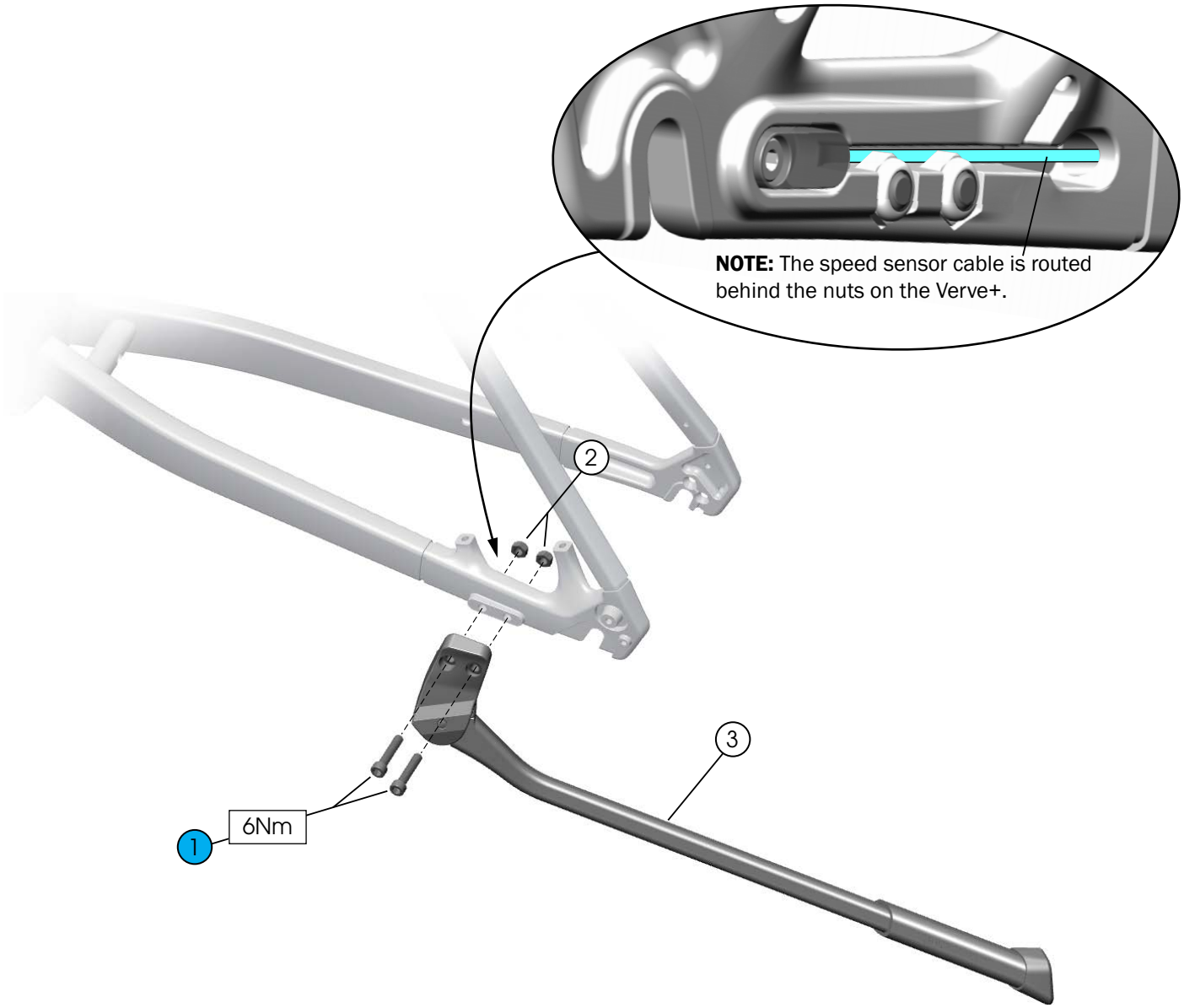


1. Bearing cover — W5260269
2. Split ring — W5316322
3. Headset bearings — W540243
4. Rear derailleur cable
5. Display cable
6. Front brake housing
7. Rear brake housing
8. Stem (105mm)
9. Plug — 602179
10. Stem fasteners (M6x20mm)
11. Washers (M6)
12. Fastener (M8x33mm)

— 5262987

13. Compression fastener (M6x40mm) — 5263845

Kickstand



1. Fasteners (M6x30mm)
2. Nuts (M6)

5271106

3. Kickstand — W330289