

MY14 OFF-ROAD BICYCLE SERVICE INFORMATION



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I. NEW PARTS

1. Derailleur hanger 142/12 OLD (Outer locknut dimension) Kit

Part number

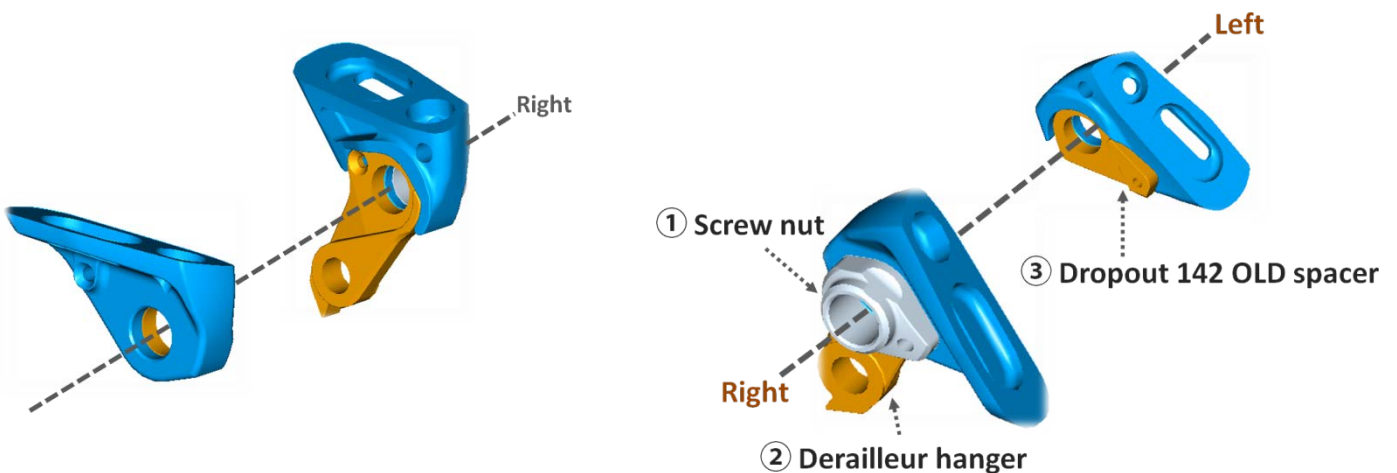
1280GS834609B1 (GEAR Program: 270000000)

Introduction

The Derailleur Hanger 142/12 OLD kit is designed to easily convert your frame to be compatible with 142/12 OLD system.

Accessory

- Screw nut x 1
- Derailleur hanger x 1
- Dropout 142 OLD spacer x 1



2. Derailleur hanger 135/5 OLD Kit

Part number

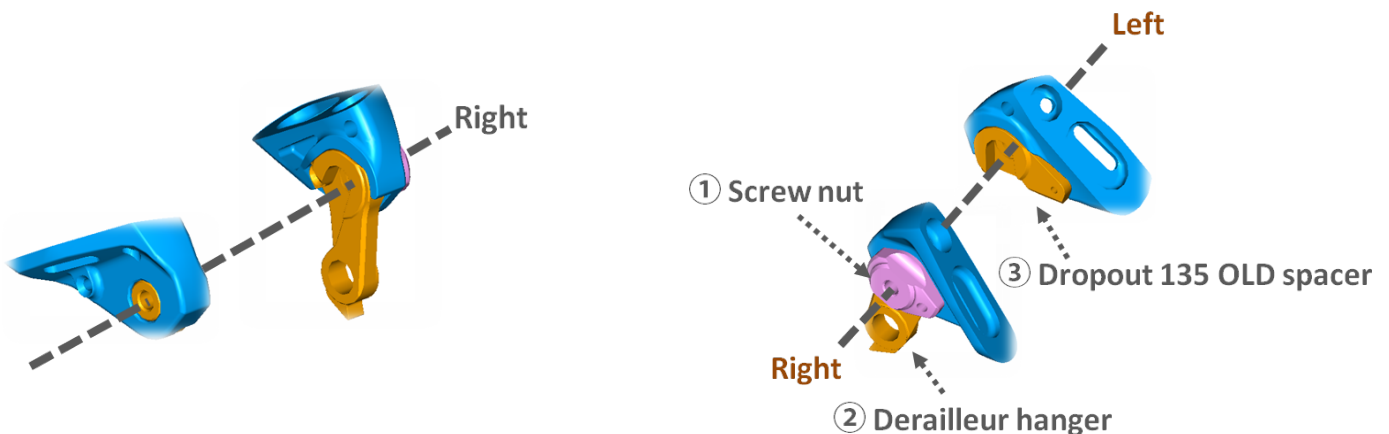
1280GS834609A1 (GEAR Program: 270000001)

Introduction

The Derailleur Hanger 135/5 OLD kit is designed to easily convert your frame to be compatible with 135/12 OLD system.

Accessory

- Screw nut x 1
- Derailleur hanger x 1
- Dropout 135 OLD spacer x 1

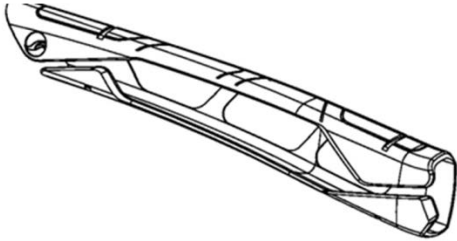

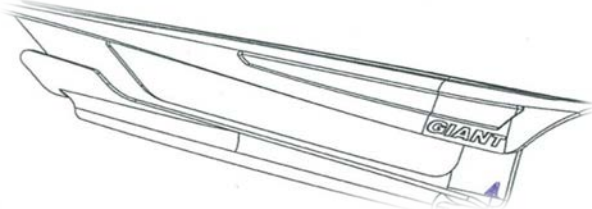


3. GIANT RWS (Ratchet Wheel-Mounting System)

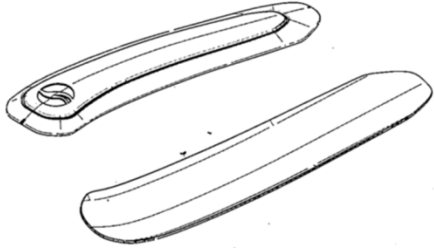
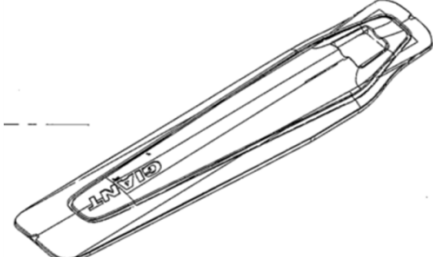
| | |
|---|---|
| <p>Find GEAR Program - 350000016</p> <ul style="list-style-type: none"> • OFF ROAD WHEEL RETENTION • MTB 135mm / \varnothing5mm (RW) • HWQXXX00S2923C | <p>Part number: 1529-DRWSRD-302</p>  |
| <p>Find GEAR Program – 300000002</p> <ul style="list-style-type: none"> • Through axle for MY14 TCX FORK • 100mm / \varnothing15mm • HWQXXX00S3411C | <p>Part number: 1519-GDTRWS-402</p>  |
| <p>Find GEAR Program - 300000003</p> <ul style="list-style-type: none"> • 142/12 Through axle • 142mm / \varnothing12mm • HWQXXX00S3419C | <p>Part number: 1529-GDTRWS-402</p>  |
| <p>MTB</p> <ul style="list-style-type: none"> • RWS 10 Syn Sport \varnothing5mm • 100mm / \varnothing5mm • HWQXXX00S3446C | <p>Part number: 1529-GDTRWS-403</p>  |
| <p>Road</p> <ul style="list-style-type: none"> • RWS 10 alu road steel 100mm • 100mm / \varnothing5mm • HWQXXX00S2986C | <p>Part number: 1519-GDTRWS-401</p>  |
| <p>Road</p> <ul style="list-style-type: none"> • RWS 10 alu road steel 130mm • 130mm / \varnothing5mm • HWQXXX00S2987C • GEAR Program: 731117 is including 1519-GDTRWS-401 & 1529-GDTRWS-401. | <p>Part number: 1529-GDTRWS-401</p>  |

4. Frame protector

Chainstay protector

| | |
|---|---|
| <p>This chainstay protector is compatible with</p> <ul style="list-style-type: none"> GIANT MY14 full Anthem 27.5 lines Liv MY14 full Lust series. GEAR Program: 240000003 | <p>Part Number: 3G9-6001-1</p>  |
| <p>This chainstay protector is compatible with</p> <ul style="list-style-type: none"> GIANT MY14 full Trance 27.5 lines Liv MY14 full Intrigue 27.5 series GEAR Program: 240000004 | <p>Part number: 3G9-6002-1</p>  |
| <p>This chainstay protector is compatible with</p> <ul style="list-style-type: none"> GIANT MY14 full XtC 27.5 lines Liv MY14 full Obsess Advanced 27.5 lines GEAR Program: 240000002 | <p>Part number: 3G9-6003-1</p>  |

Downtube protector

| | |
|---|--|
| <p>This downtube protector is compatible with GIANT-</p> <ul style="list-style-type: none"> Anthem Advanced 27.5 series Trance Advanced 27.5 series <p>Liv-</p> <ul style="list-style-type: none"> Lust Advanced 27.5 series <p>GEAR Program: 240000001</p> | <p>Part number: 3G9-4001-1</p>  |
| <p>This downtube protector is compatible with</p> <ul style="list-style-type: none"> GIANT MY14 full XtC Advanced 27.5 series Liv MY14 full Obsess Advanced 27.5 series <p>GEAR Program: 240000000</p> | <p>Part number: 3G9-4002-1</p>  |

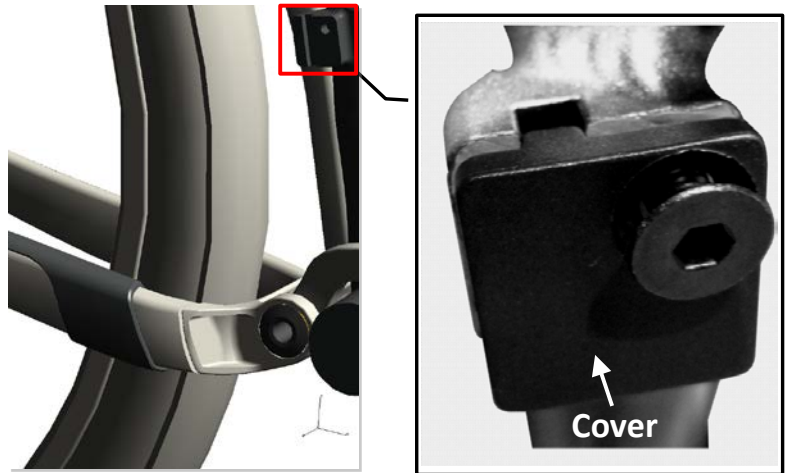
5. Front derailleur Direct mount cover

Part number




1346-CPDDMA-401

Introduction

The cover is used for GIANT models which are specified without front derailleur, ex- SRAM XX1 system, to provide better outlook.



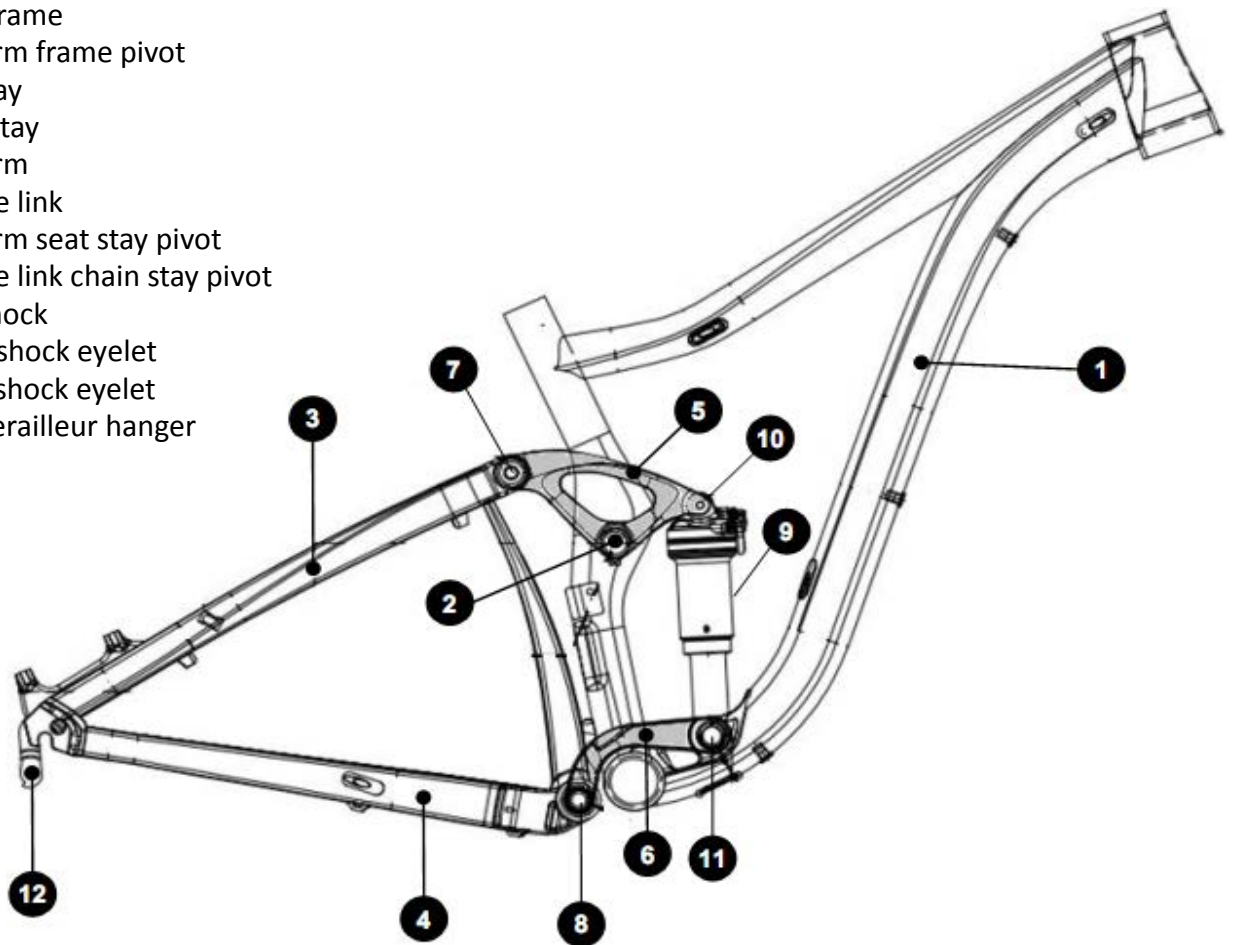
6. MY14 MTB 27.5 inter cable Rubber grommet

| | |
|---|---|
| <p>This rubber grommet is used for internal cable routing. There is a smaller opening to allow 1 cable passes through (entering and exiting).</p> | <p>Part number: 1472-PLUGIN-401</p>  |
| <p>This rubber grommet is used for internal cable routing. There is a larger opening to allow 2 cables pass through (entering and exiting).</p> | <p>Part number: 1472-PLUGIN-402</p>  |
| <p>This rubber grommet is used for the bicycles run cable externally. There is no opening to the grommet which can prevent water entering into frame.</p> | <p>Part number: 1472-PLUGIN-403</p>  |

II. INTERNAL CABLE ROUTING

1. Frame structure

1. Main Frame
2. Rock arm frame pivot
3. Seat stay
4. Chain stay
5. Rock arm
6. Triangle link
7. Rock arm seat stay pivot
8. Triangle link chain stay pivot
9. Rear shock
10. Upper shock eyelet
11. Lower shock eyelet
12. Rear derailleur hanger



2. Terms of cable routing table

1. Cable:

- FD: Front derailleur cable
- RD: Rear derailleur cable
- RB (L/R): Rear brake cable within Left-Rear configuration
- RB (R/R): Rear brake cable within Right-Rear configuration
- RS: Remote dropper seatpost cable
- BB: Bottom bracket

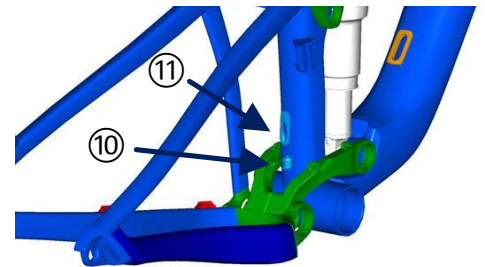
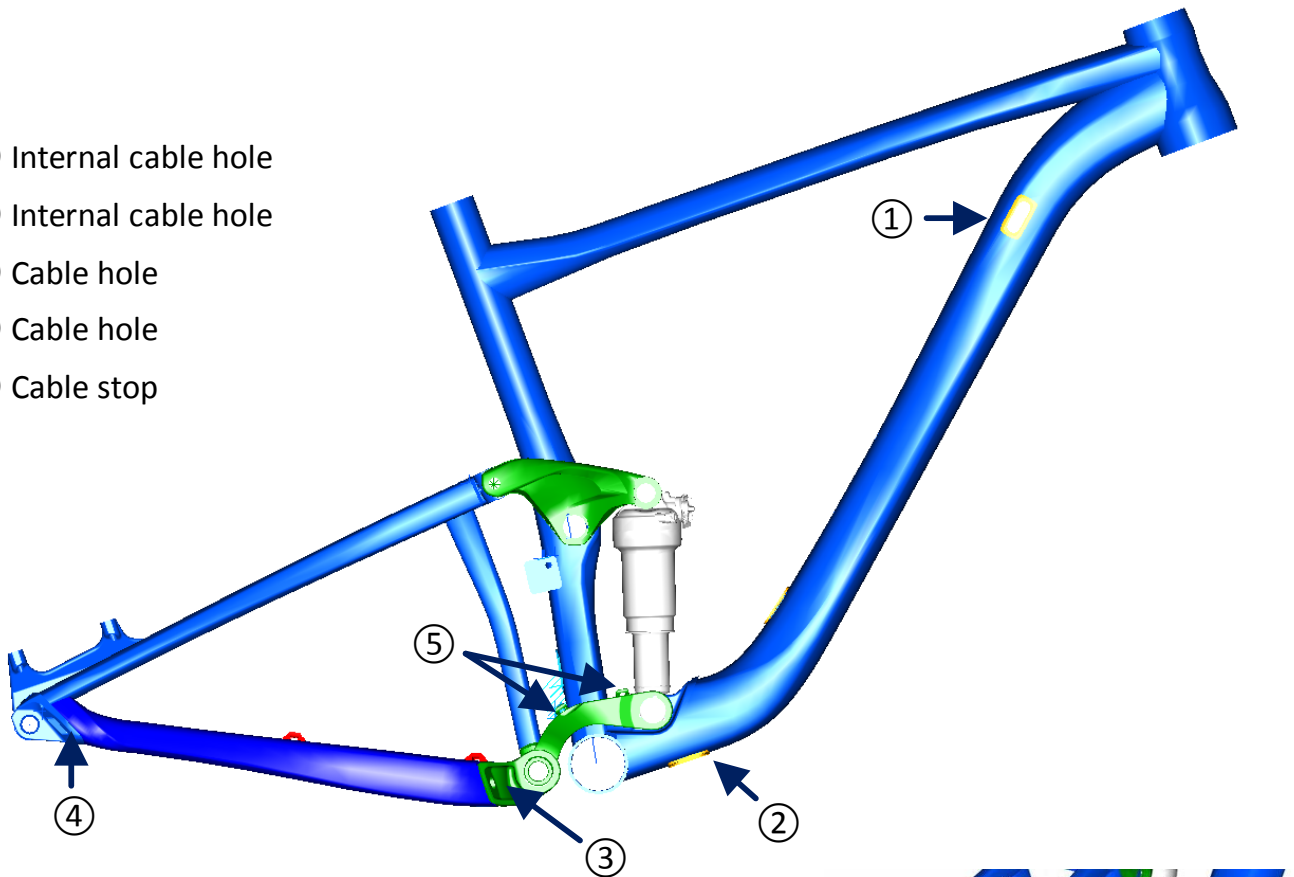
2. Path:

The path describes the cable routing sequence from front end to the connection of the specific part.

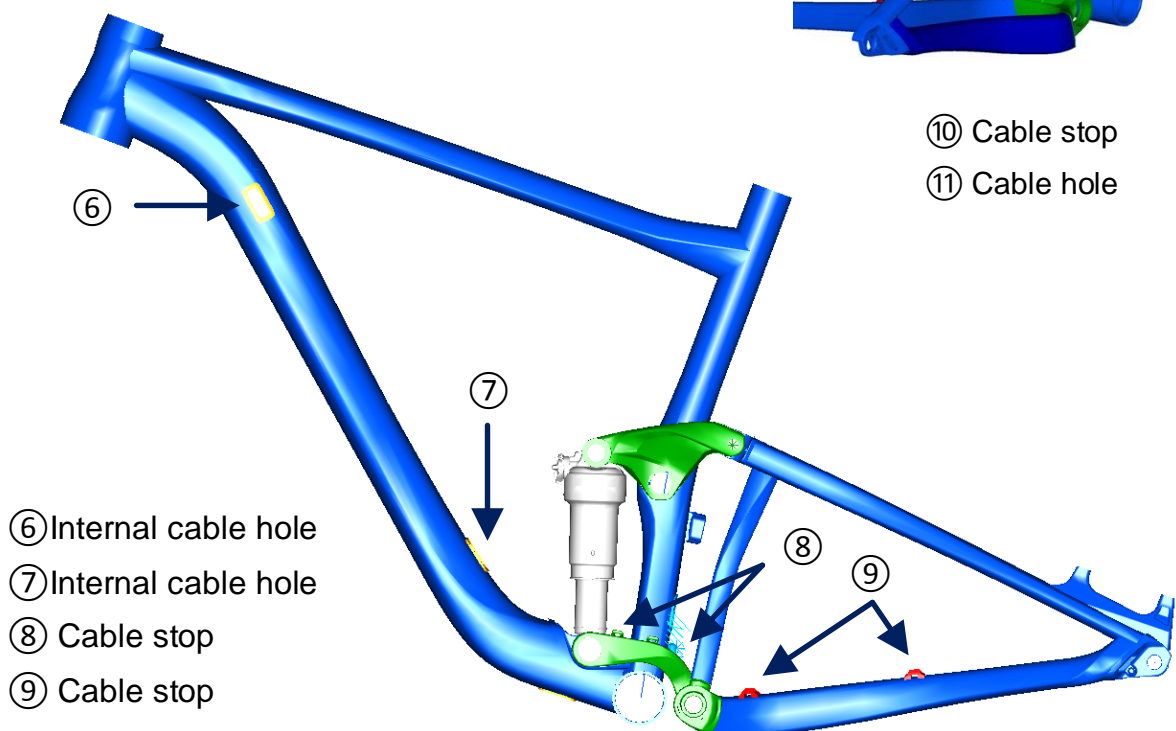
- Symbol "→": Pass the cable internally through frame;
- Symbol "➔": Pass the cable externally along frame.

3. Giant Anthem 27.5 & advanced 27.5 / Liv lust 27.5 & advanced 27.5

- ① Internal cable hole
- ② Internal cable hole
- ③ Cable hole
- ④ Cable hole
- ⑤ Cable stop



- ⑩ Cable stop
- ⑪ Cable hole



- ⑥ Internal cable hole
- ⑦ Internal cable hole
- ⑧ Cable stop
- ⑨ Cable stop

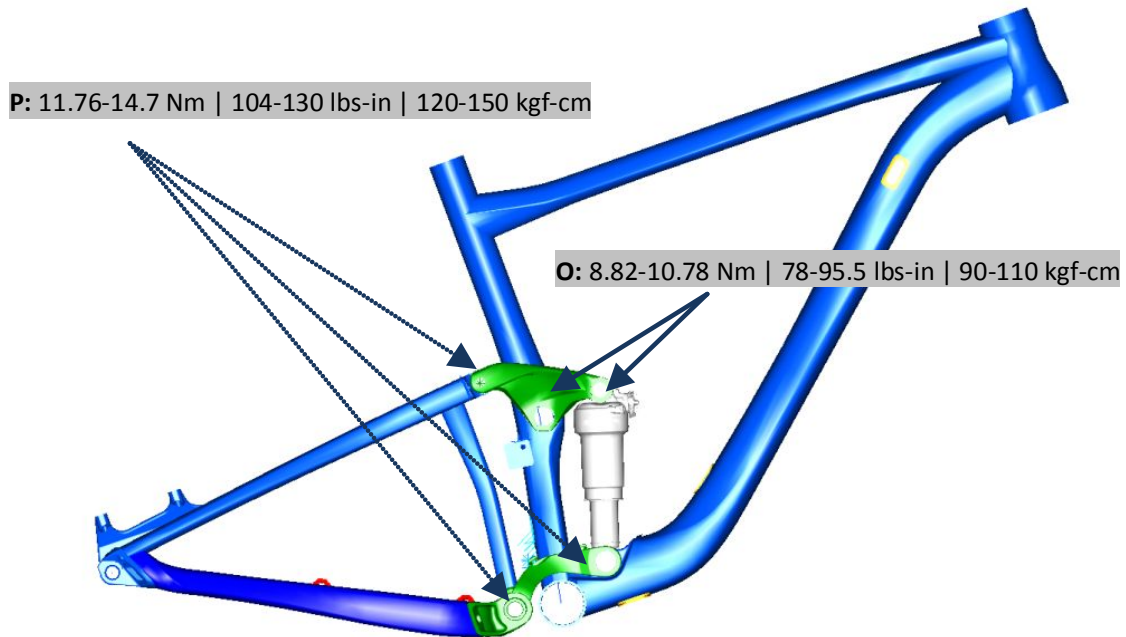
• **Internal cable routing path**

| Cable | Path | Note |
|----------|---|--|
| FD | ① → ② → ⑩ | Route the FD cable under the outside of the bottom bracket after the cable threaded out from the cable hole 2. |
| RD | ⑥ → ⑦ → ⑤ → ③ → ④ | Route the RD cable along the right side of the rear shock after the cable treaded out from cable hole 7. |
| RB (R/R) | ⑥ → ⑦ → ⑧ → ⑨ | Route the RB cable along the left side of the rear shock after the cable threaded out from the cable hole 7. |
| RB (L/R) | ① → ⑦ → ⑧ → ⑨ | |
| RS | *1 ① → ② → ⑪ *2 ① → BB → inside of seat tube | <ol style="list-style-type: none"> Route the cable under the outside of the BB after cable treaded out from cable hole 2, then thread the cable into cable hole 11. Route the cable through the inside of the BB and run through the inside of the seat tube directly. |

*1 Anthem 27.5 series aluminum frame

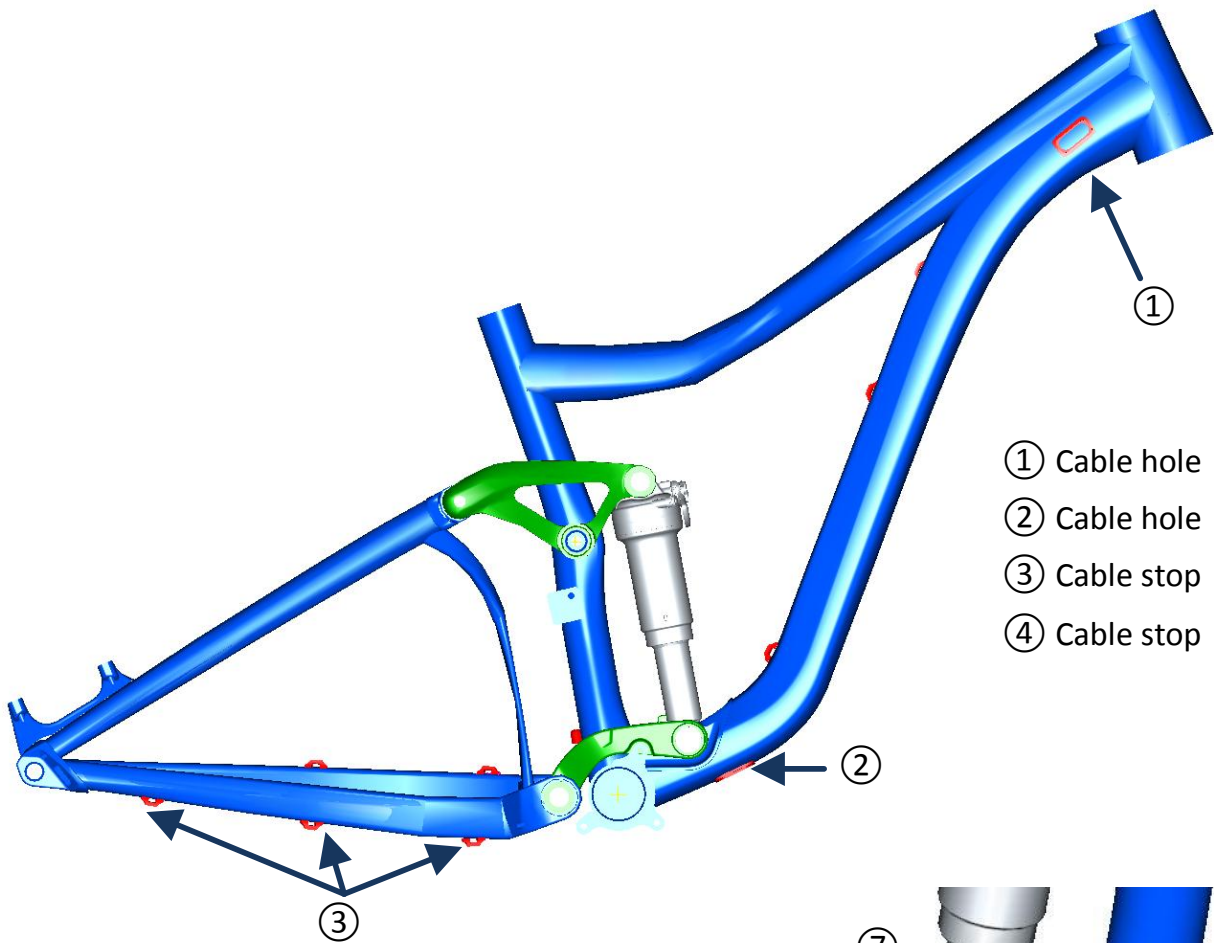
* 2 Anthem 27.5 Advanced Series composite frame

• **Linkage recommended torque values**

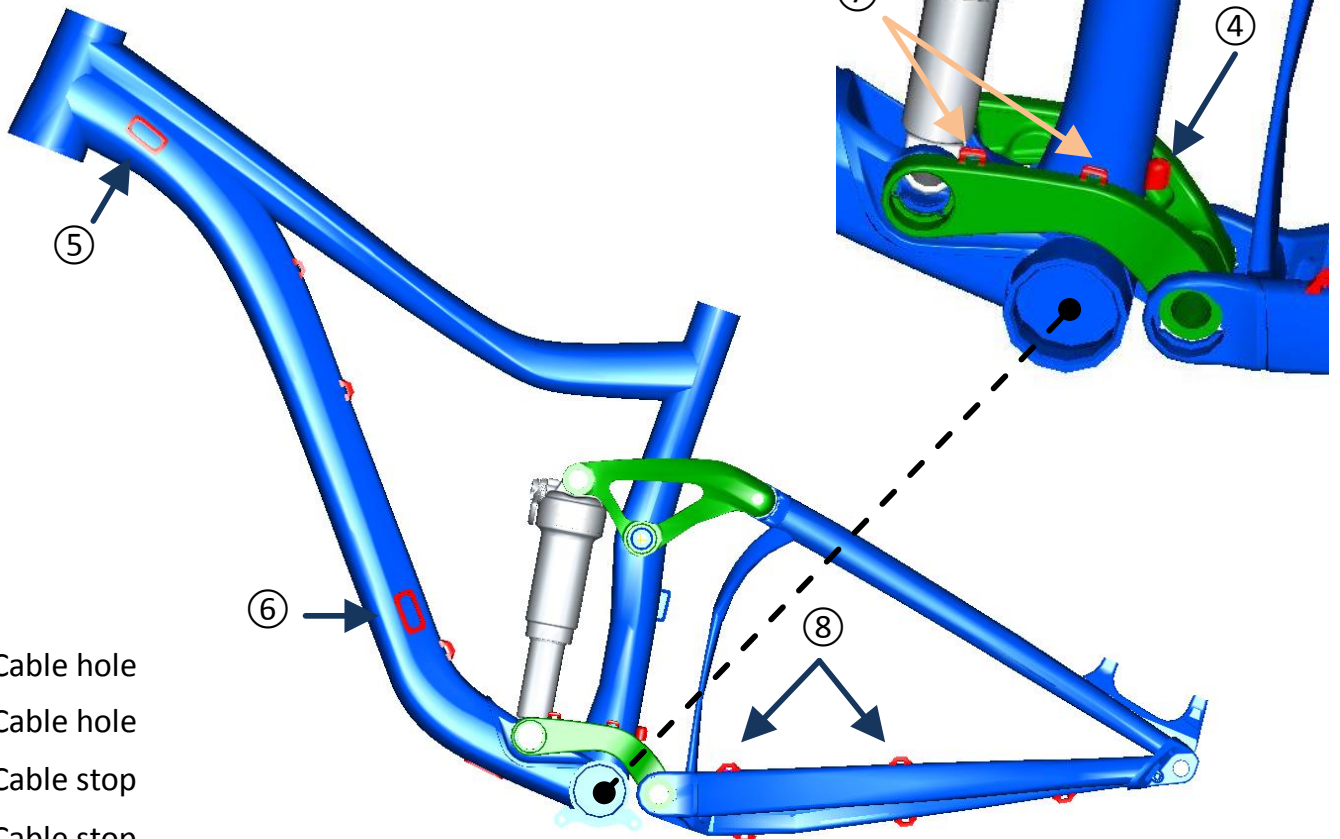


| Bearing | Article Number | Description |
|---------|-----------------|-------------------------------|
| ⑪ | 128-8BE13000-1 | BE13 OD24XID15XT5(6802) |
| ⑧ | 1288-BE09A0-001 | BE09A OD28XID15XT7(6902V-2RS) |
| ⑦ | 1288-BE07A0-001 | BE07A OD19XID10XT7(L1910FV) |
| ② | 1288-BE03A0-001 | BE03A 22X10XT6(6900V-2RS) |
| ⑩ | | OD19*ID8*T6 |

4. Giant Trance 27.5 & advanced (SX) 27.5 / Liv intrigue 27.5



- ① Cable hole
- ② Cable hole
- ③ Cable stop
- ④ Cable stop

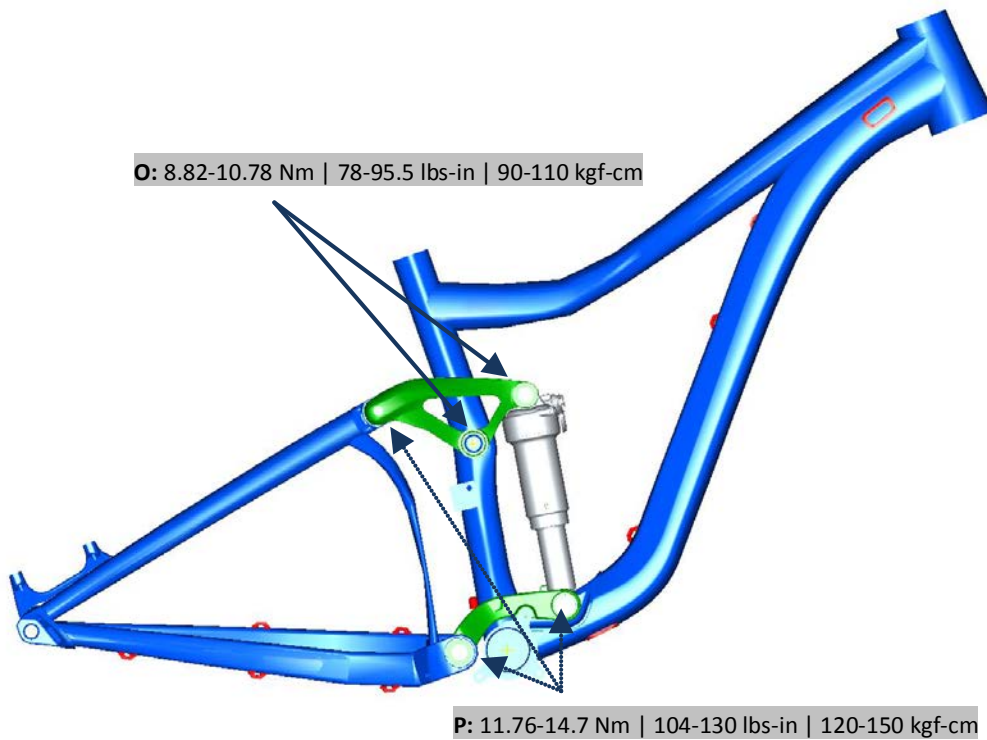


- ⑤ Cable hole
- ⑥ Cable hole
- ⑦ Cable stop
- ⑧ Cable stop

- Internal cable routing path

| Cable | Path | Note |
|----------|------------------------------|---|
| FD | ① → ② → ④ | Route the FD cable under the outside of the bottom bracket after the cable thread out from the cable hole 2. |
| RD | ⑤ → ② → ③ | Route the RD cable under the outside of the bottom bracket to cable stoppers 3 after the cable tread out from the cable hole 2. |
| RB (R/R) | ⑤ → ⑥ → ⑦ → ⑧ | Pass the RB cable along the right side of the rear shock after the cable thread out from the cable hole 7 |
| RB (L/R) | ① → ⑥ → ⑦ → ⑧ | |
| RS | ① → BB → inside of seat tube | Route the cable through the inside of the BB and run into the inside of the seat tube directly. |

- Linkage recommended torque values



| Bearing | Article Number | Description |
|---------|-----------------|-------------------------------|
| ⑪ | 128-8BE13000-1 | BE13 OD24XID15XT5(6802) |
| ⑧ | 1288-BE09A0-001 | BE09A OD28XID15XT7(6902V-2RS) |
| ⑦ | 1288-BE03A0-001 | BE03A 22X10XT6(6900V-2RS) |
| ② | 1288-BE03A0-001 | BE03A 22X10XT6(6900V-2RS) |
| ⑩ | | OD19*ID8*T6 |