

# 2020

## COMMENCAL META POWER SX SIGNATURE 2020



### SPECS

- Specs
  - FRAME**2020 META Power SX (integrated battery), 170 mm travel  
27.5", Alloy 9066, single butted tubes, T4, T6, Enduro bearings
  - SYSTEM**SHIMANO E8000  
250 W, 70 Nm
  - BATTERY**SHIMANO E803S  
504 Wh
  - DISPLAY**SHIMANO E8000
  - SHOCK**FOX DHX2 Factory  
230 x 65 mm, 2 positions lever, HSC/LSC, HSR/LSR Spring rates: 325 lbs on S, 375 lbs on M, 425 lbs on L, 475 lbs on XL
  - FORK**FOX 36 Float Factory, 180 mm travel  
27.5", Ebike, FLOAT, Grip2, highlow speed compression, highlow speed rebound, Boost (QR 15 x 130 mm), 44 mm offset
  - HEADSET**ACROS Alloy cups Z544/Z556  
Z544/Z556, BlockLock technology, sealed bearings
  - STEM**RIDE ALPHA Freeride, 40 mm  
31.8 mm, 0° angle, 2014 alloy
  - BARRIDE**ALPHA, 20 mm rise, 780 mm, 31.8 mm  
7050 alloy, double butted
  - GRIPS**RIDE ALPHA, DH Grips, black  
Ultra soft compound, single clamp
  - BRAKES**SHIMANO XT 4 pistons, 203 mm rotors  
RT-MT900 rotor front, RT-MT900 rotor rear (with integrated magnet)
  - SHIFTERS**SHIMANO XT, 12 sp  
Rapidfire Plus
  - CHAIN**GUIDERIDE ALPHA 34t  
Shimano Steps specfic
  - REAR MECH**SHIMANO XT, 12 sp
  - BOTTOM BRACKET**SHIMANO
  - CRANKS**SHIMANO XT E8050, 165 mm  
Hollowtech
  - CHAINRING**SHIMANO, 12 sp, 34t
  - CHAIN**SHIMANO XT, 12 sp  
118 links
  - CASSETTE**SHIMANO XT, 12 sp  
10-51t
  - RIMS**DOT SWISS H1700 Spline  
32 holes, 30.5 mm inner width, tubeless ready
  - HUBS**DOT SWISS H1700 Spline  
32 holes, 6 bolts, 15x110 mm front, 12x148mm rear, XD freehub body
  - SPOKES / NIPPLES**DOT SWISS
  - TYRES**MAXXIS Assegai, 27.5 x 2.5, front / MAXXIS Minion DHR II, 27.5x2.4, rear  
EXO+, 3C compound, TR, front / Double Down, 3C, TR, rear
  - SEATPOST**FOX Transfer Factory  
31.6 mm, Shimano MT800 lever, 100 mm on S, 125 mm on M, 150 mm on L and 175 mm on XL
  - SADDLE**WTB SL8 Race  
142 mm width, Cromoly rails
  - WEIGHT**23.2 kg / 51.1 lbs
  - PEDALS**INCLUDEDYes
  - COLORS**Brushed  
Shiny clear coat
  - ACCESSORIES**RIDE ALPHA CNC Alloy pedals, motor protector, chainstay protector, seatstay protector, battery charger, user manual

META POWER bikes are delivered with Shimano Europlug (CEE 717 norm) battery charger, a plug adapter is necessary for customers living in countries using different standards.

**BATTERY RECYCLING**inpartnership with SHIMANO  
In partnership with SHIMANO, COMMENCAL supports a voluntary battery recycling program for ebike batteries. For each META POWER sold COMMENCAL will contribute 7EUR to fundraising organisation COREPILE. This sum is paid through SHIMANO France. When your battery reaches the end of its life, it would be great if you could send it back to us for recycling. Contact us for more info on the procedure.

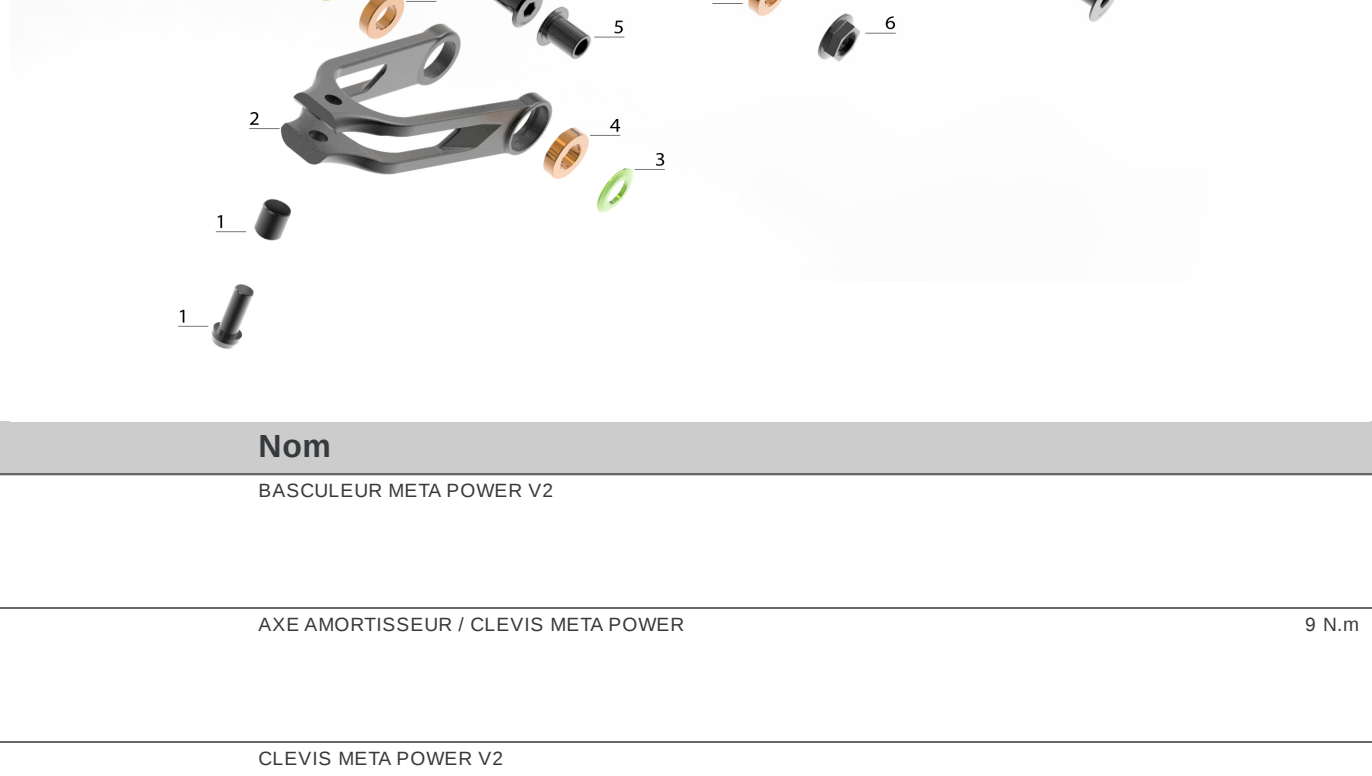
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### TECH

- Tech
  - BICYCLE TYPE**E-bike Enduro 27.5"
  - FRAME MATERIAL**AL-6061 + AL-6066
  - FRAME WEIGHT**-
  - REAR TRAVEL**170 mm
  - SHOCK LENGTH / STROKE**E230 x 65 mm
  - PIGGY BACK SHOCK COMPATIBLE**Yes
  - SHOCK BUSHINGS**20 x 10 mm front / 12.7 x 10 mm rear
  - RECOMMENDED / MAX. FORK HEIGHTS**72 mm / 582 mm
  - HEADSET DIMENSION**Tapered
  - HEADSET TYPE**Z544 / Z556
  - MAXIMUM TYRE DIMENSION (ET/TO)**65 mm - 584
  - DISC BRAKE STANDARD**Postmount 160 mm
  - REAR ROTOR MAX. SIZE**220 mm
  - SEATPOST / SEAT CLAMP DIAMETER**31.6 mm / 34.9 mm
  - BOTTOM BRACKET TYPE**SHIMANO
  - ISCG**Yes (SHIMANO Standard)
  - FRONT DERAILLEUR TYPE**No
  - REAR HUB COMPATIBILITY**12 x 148 mm, Maxle standard
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- Riders Insight

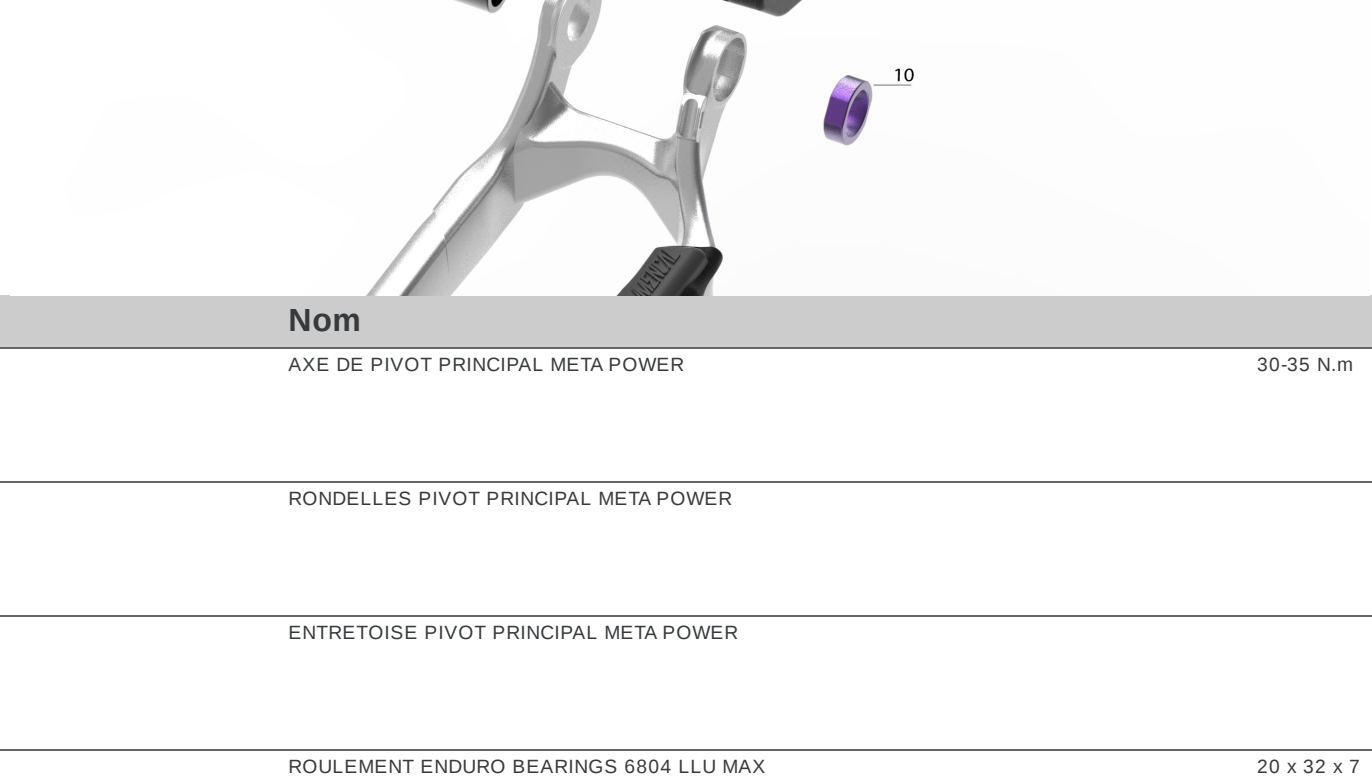
The META POWER SX is a bit of an animal itself. With 180mm of travel at the front and 170mm at the rear, it's a beast on the climbs and a monster on the descents!**EMBN**Pedalling to the top of a trail becomes a real pleasure. Downhill, it's agile like a classic mountain bike with bag air ability!**William ROBERT**

### Contact System



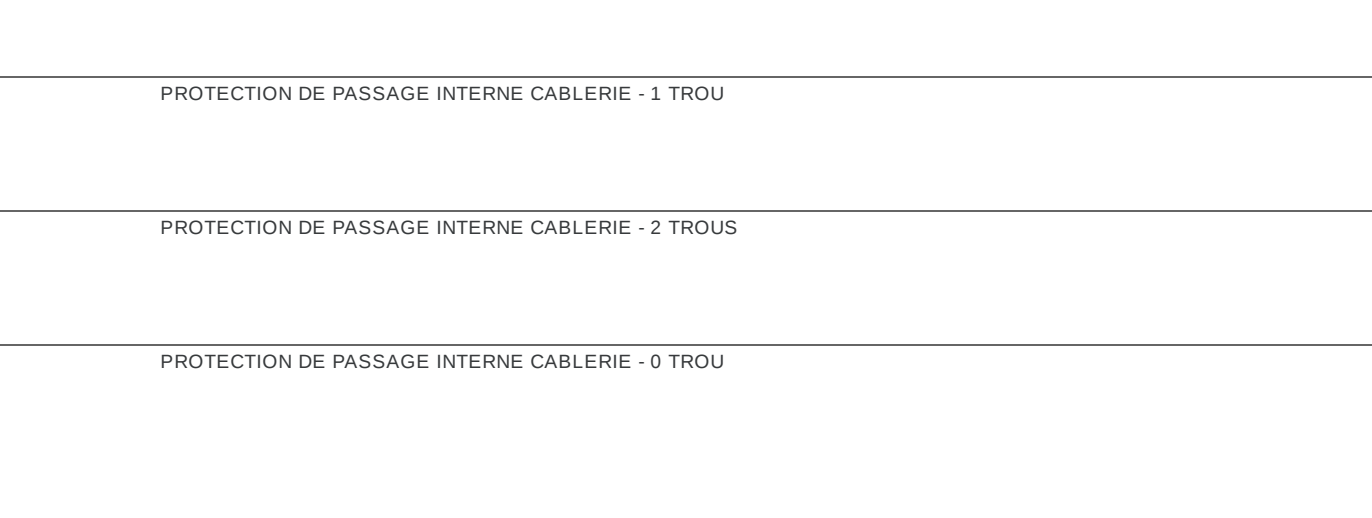
| Index       | Ref                             | Nom                                              | Photo                          |
|-------------|---------------------------------|--------------------------------------------------|--------------------------------|
|             | <a href="#">W20MPWRCKER</a>     | BASCOULEUR META POWER V2                         |                                |
| 1           | <a href="#">W19MPWXLSEHCL</a>   | AYE AMORTISSEUR / CLEVIS META POWER              | 9 N. M                         |
| 2           | <a href="#">W20MPWCLEVIS</a>    | CLEVIS META POWER V2                             |                                |
| 3           | <a href="#">W20MPWWSHERRKCL</a> | RONDELLES BASCOULEUR / CLEVIS META POWER V2      |                                |
| 4           | <a href="#">W19EB9002</a>       | ROULEMENT ENDURO BEARINGS 9002 LLU MAX           | 15 x 28 x 7                    |
| 5           | <a href="#">W20MPWXLERKCL</a>   | AYES BASCOULEUR / CLEVIS META POWER V2           | 10-12 N. M                     |
| 6           | <a href="#">W20MPWXLERKST</a>   | AYE BASCOULEUR / TRIANGLE AVANT META POWER V2    | 10-12 N. M                     |
| 7           | <a href="#">W20MPWWSHERRK</a>   | RONDELLES BASCOULEUR META POWER V2, V2.2 ET V2.3 |                                |
| 8           | <a href="#">W20MPWXLERKSS</a>   | AYES BASCOULEUR / HUBBAND META POWER V2          | 10-12 N. M                     |
| BEARING KIT | <a href="#">W21EBMETA29</a>     | ROULEMENTS ENDURO BEARINGS META 29               | 2 x 8804 / 6 x 8802 / 4 x 8800 |

### Main Pivot



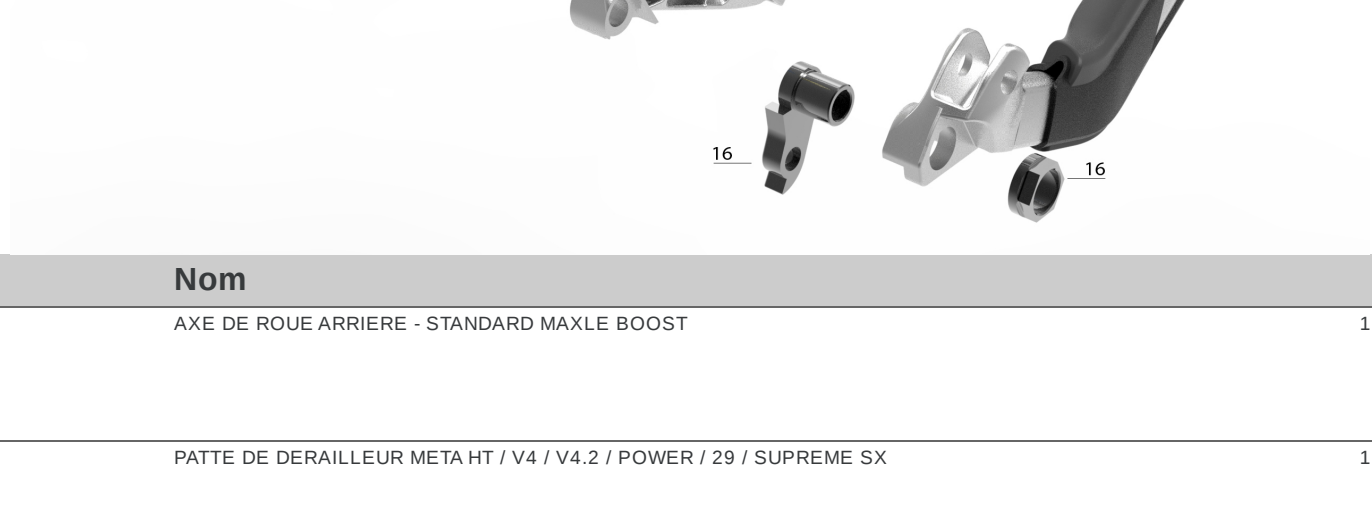
| Index       | Ref                             | Nom                                    | Photo                          |
|-------------|---------------------------------|----------------------------------------|--------------------------------|
| 10          | <a href="#">W18MPWXLEMP</a>     | AXE DE PIVOT PRINCIPAL META POWER      | 10-15 N. M                     |
| 11          | <a href="#">W18MPWWSHERMP</a>   | RONDELLES PIVOT PRINCIPAL META POWER   |                                |
| 12          | <a href="#">W18MPWMPSPWCR</a>   | EXTRETOISE PIVOT PRINCIPAL META POWER  |                                |
| 4           | <a href="#">W19EB6004</a>       | ROULEMENT ENDURO BEARINGS 6004 LLU MAX | 20 x 32 x 7                    |
| 9           | <a href="#">W20MPWHSOEGUIDE</a> | GUIDE CAINE PIVOT PRINCIPAL META POWER |                                |
| BEARING KIT | <a href="#">W21EBMETA29</a>     | ROULEMENTS ENDURO BEARINGS META 29     | 2 x 8804 / 6 x 8802 / 4 x 8800 |

### Seals



| Index | Ref                        | Nom                                             | Photo       |
|-------|----------------------------|-------------------------------------------------|-------------|
| 17    | <a href="#">W17AXLESHT</a> | AXE AMORTISSEUR / TRIANGLE AVANT META V1 V1.4.2 | 9 - 12 N. M |
| 14    | <a href="#">W18SEALH</a>   | PROTECTION DE PASSAGE INTERNE CABLES - 1 TROU   |             |
| 14    | <a href="#">W18SEAL2H</a>  | PROTECTION DE PASSAGE INTERNE CABLES - 2 TROUS  |             |
| 14    | <a href="#">W18SEALNOH</a> | PROTECTION DE PASSAGE INTERNE CABLES - 0 TROU   |             |

### Chainstays / Seatstays



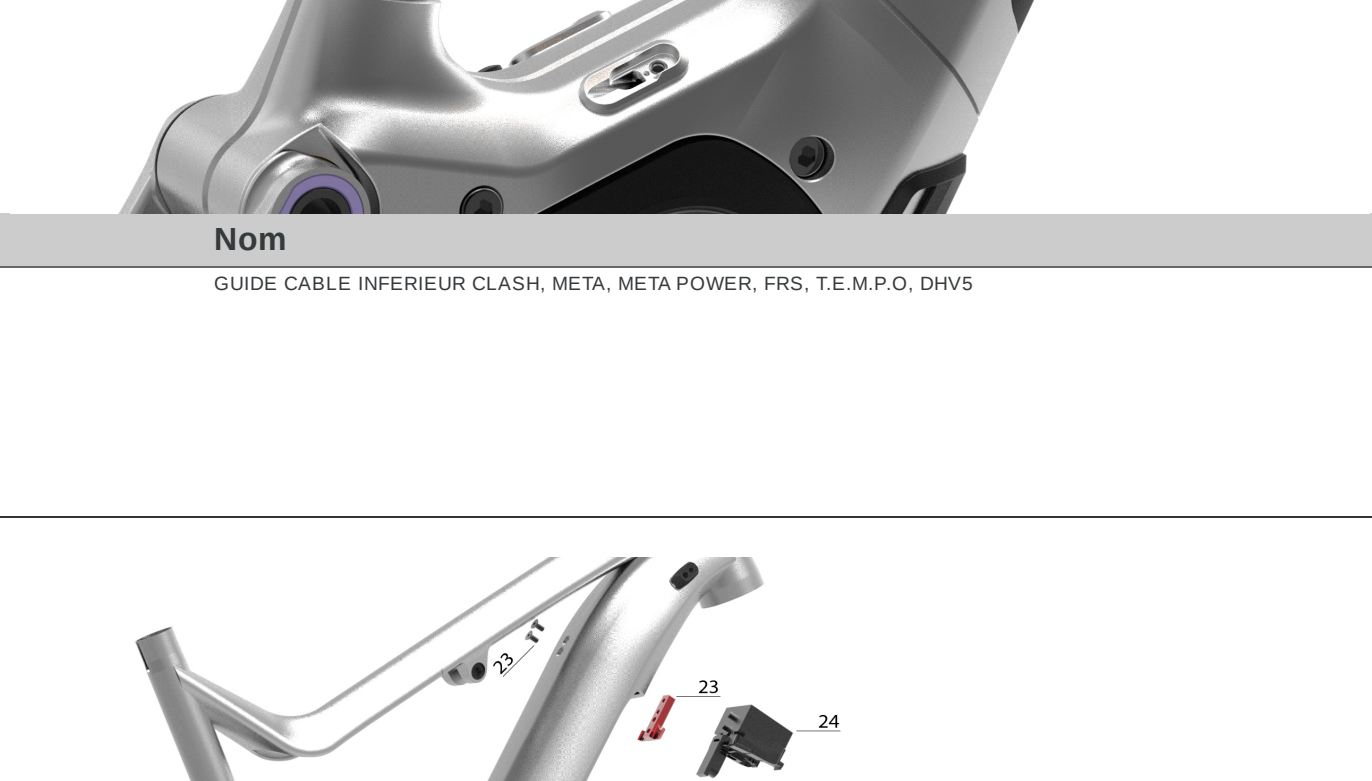
| Index       | Ref                             | Nom                                                               | Photo                          |
|-------------|---------------------------------|-------------------------------------------------------------------|--------------------------------|
| 15          | <a href="#">W19AXLEHLEBOOST</a> | AXE DE ROUE ARRIERE - STANDARD WAXLE BOOST                        | 12 N. M                        |
| 16          | <a href="#">W19SRMETA</a>       | PATTE DE CORAILLEUR META HT / V1 V1.4.2 / POWER / 32 / SUPREME SX | 15 N. M                        |
| 17          | <a href="#">W19WSHSTKIT</a>     | RONDELLES BARES / HUBBAND META V1 ET V1.4.2                       |                                |
| 18          | <a href="#">W15AXLESTCS</a>     | AYES BARES / HUBBAND META V1, V1.2 ET META POWER                  | 10-15 N. M                     |
| 4           | <a href="#">W21EB6000</a>       | ROULEMENT ENDURO BEARINGS 6000 LLU MAX                            | 10 x 19 x 5                    |
| BEARING KIT | <a href="#">W21EBMETA29</a>     | ROULEMENTS ENDURO BEARINGS META 29                                | 2 x 8804 / 6 x 8802 / 4 x 8800 |

### Brake Hanger



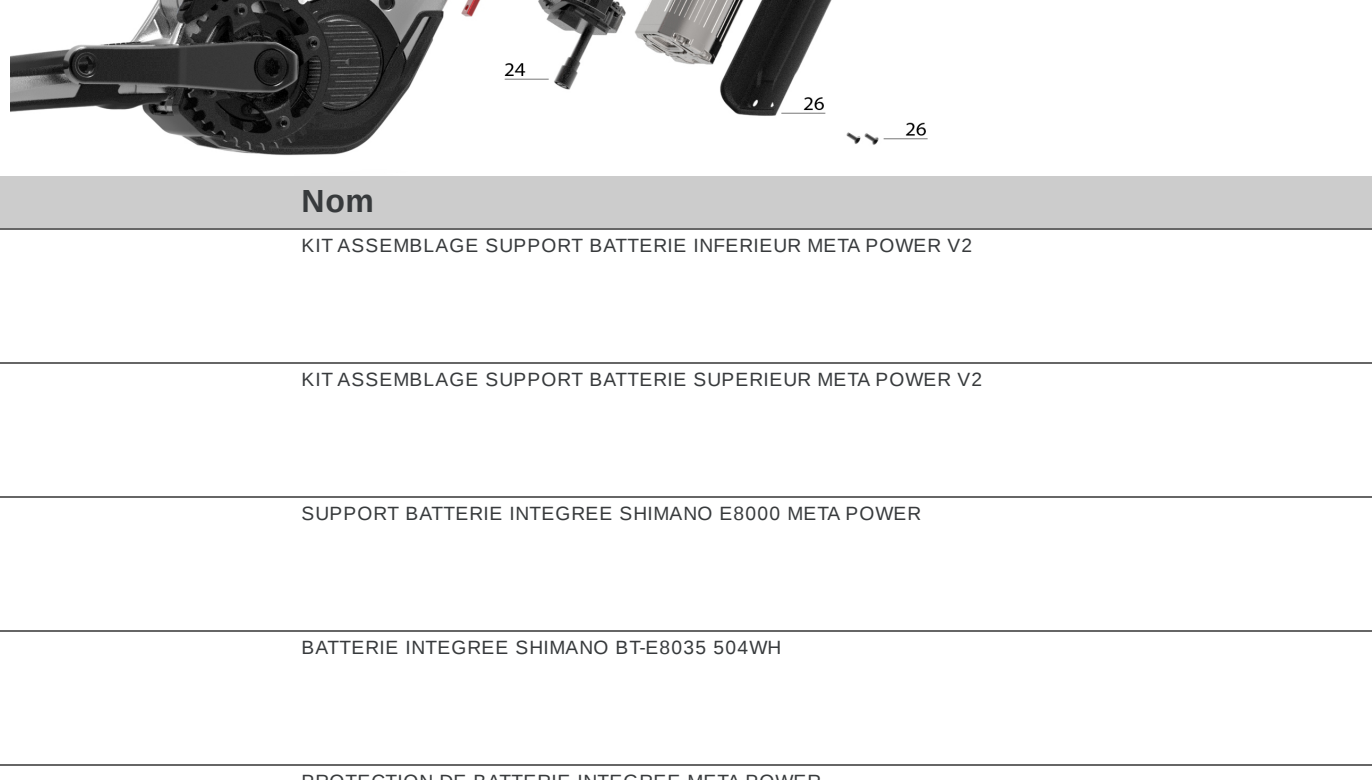
| Index | Ref                             | Nom                                              | Photo |
|-------|---------------------------------|--------------------------------------------------|-------|
| 14    | <a href="#">W18SEAL3H</a>       | PROTECTION DE PASSAGE INTERNE CABLES - 3 TROUS   |       |
| 19    | <a href="#">W20SHMISMJUEL0A</a> | CAPTEUR DE VITESSE 1488 SHIMANO E8000 META POWER |       |
| 20    | <a href="#">W20MPWBRAKEH200</a> | PATTE DE FREINARRIERE 220 MM META POWER          |       |
| 20    | <a href="#">W20MPWBRAKEH200</a> | PATTE DE FREINARRIERE 220 MM META POWER          |       |

### Hose Guide



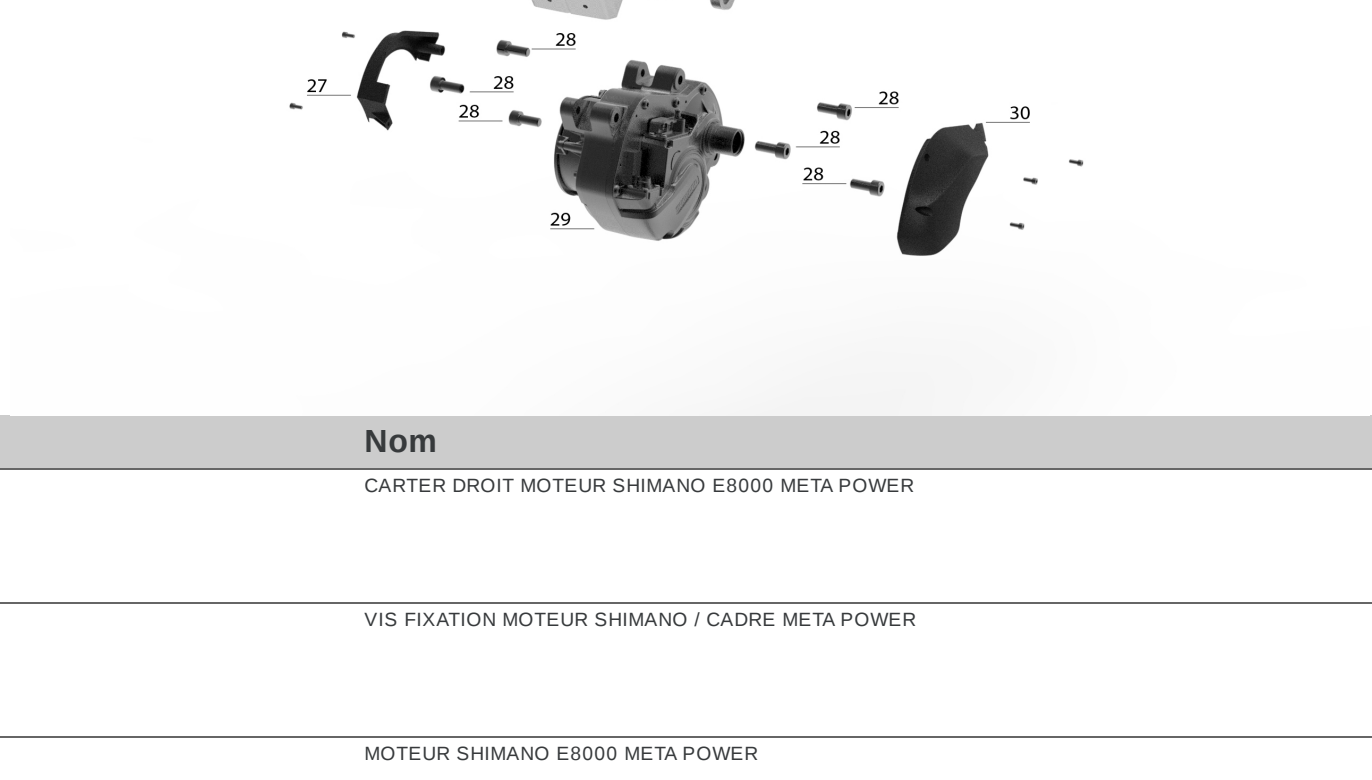
| Index | Ref                               | Nom                                                               | Photo  |
|-------|-----------------------------------|-------------------------------------------------------------------|--------|
| 21    | <a href="#">W19CLHCABLEGUIDEB</a> | GUIDE CABLE INFRIEUR CLASH META, META POWER, EBI, T.E.M.P.O, OHVS | 3 N. M |

### Battery



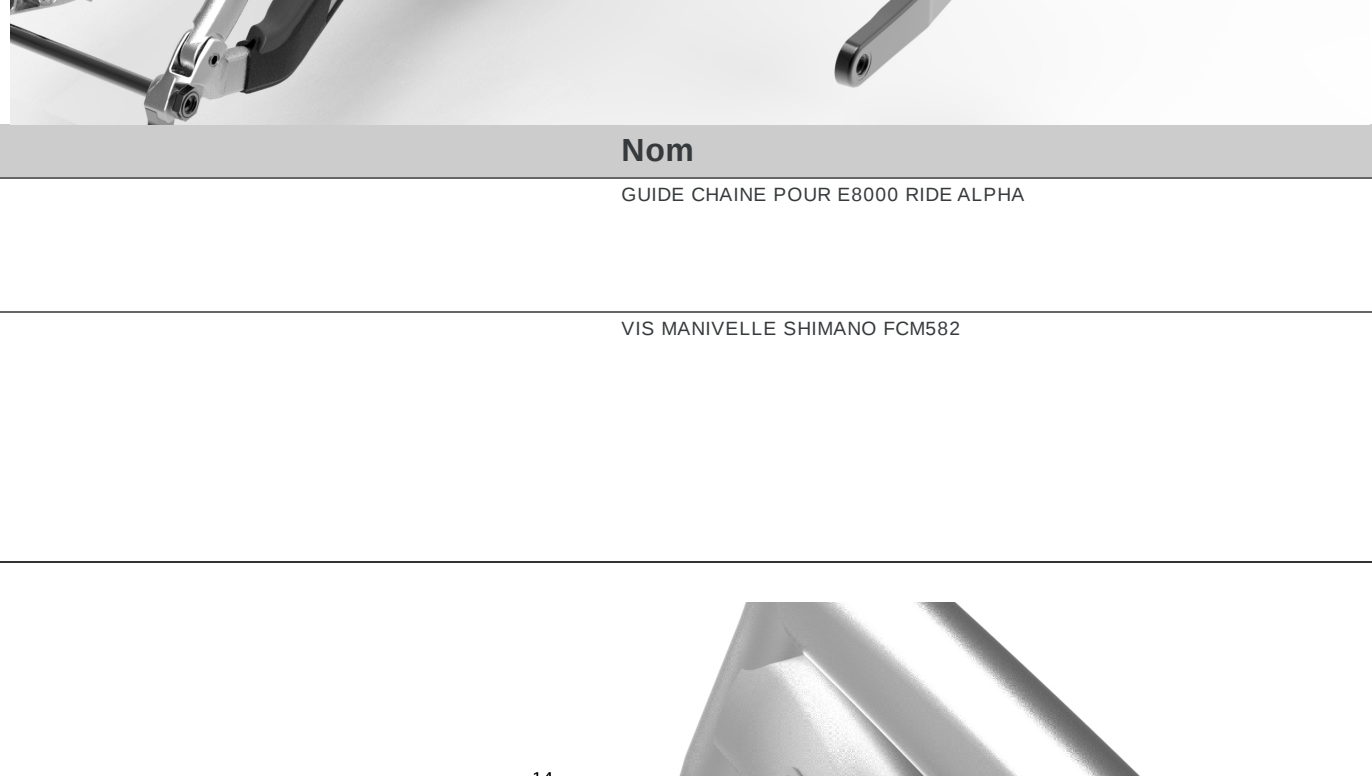
| Index | Ref                              | Nom                                                     | Photo |
|-------|----------------------------------|---------------------------------------------------------|-------|
| 22    | <a href="#">W20MPWBATMOUNTB</a>  | KIT ASSEMBLAGE SUPPORT BATTERIE INFRIEUR META POWER V2  |       |
| 23    | <a href="#">W20MPWBATMOUNTT</a>  | KIT ASSEMBLAGE SUPPORT BATTERIE SUPERIEUR META POWER V2 |       |
| 24    | <a href="#">W20SHMIMBEB0311A</a> | SUPPORT BATTERIE INTEEGEE SHIMANO E8000 META POWER      |       |
| 25    | <a href="#">A20BATTERYSHIM</a>   | BATTERIE INTERIEURE SHIMANO ET E8000 504WH              |       |
| 26    | <a href="#">W20MPWPVROTECBAT</a> | PROTECTION DE BATTERIE INTERIEURE META POWER            |       |

### Motor



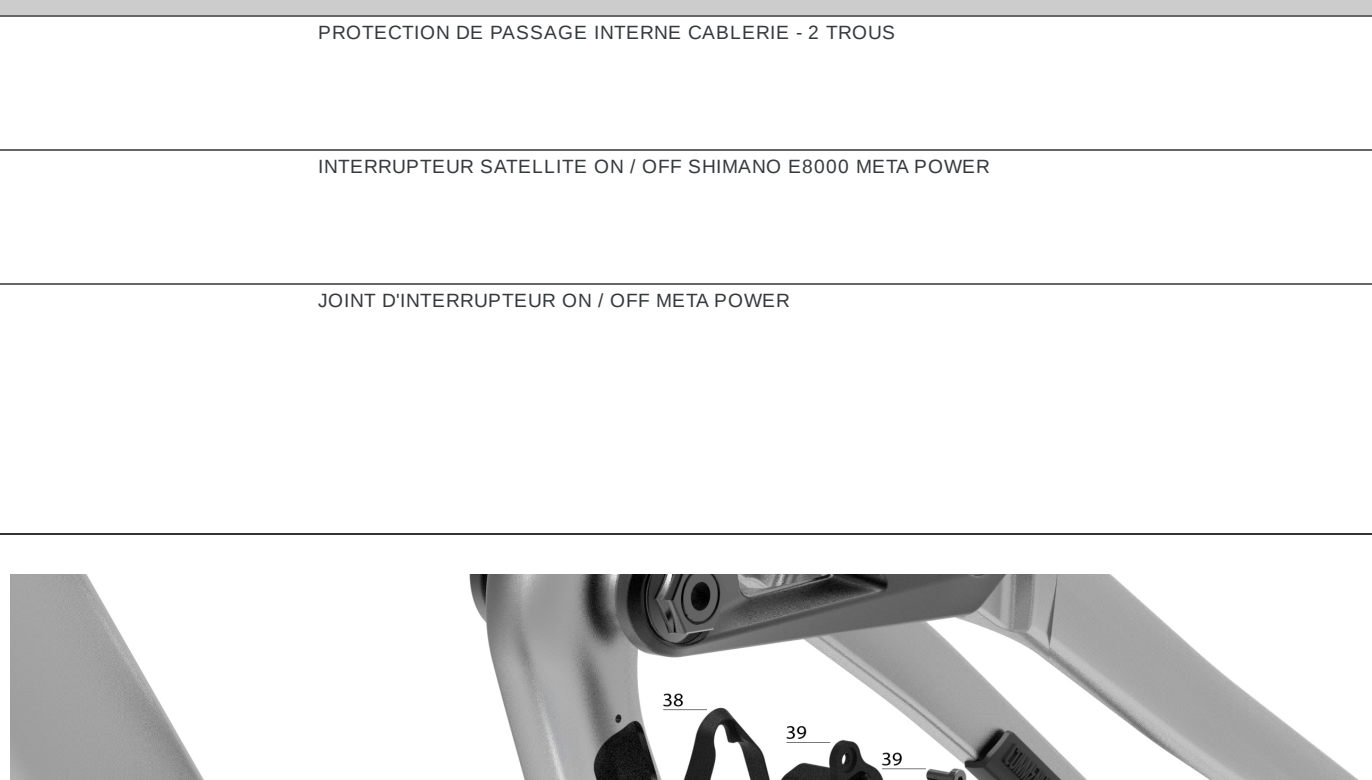
| Index | Ref                             | Nom                                            | Photo   |
|-------|---------------------------------|------------------------------------------------|---------|
| 27    | <a href="#">W20MPWBOLTCOVER</a> | CARTER DROT MOTEUR SHIMANO E8000 META POWER    |         |
| 29    | <a href="#">W20MPWBOLTMOTOR</a> | VIS FIXATION MOTEUR SHIMANO / CADRE META POWER | 15 N. M |
| 29    | <a href="#">W19SHIMUDE8000</a>  | MOTEUR SHIMANO E8000 META POWER                |         |

### CrankSet



| Index | Ref                               | Nom                                | Photo |
|-------|-----------------------------------|------------------------------------|-------|
| 31    | <a href="#">A19ALPHACHGUE8000</a> | GUIDE CHAÎNE POUR E8000 RIDE ALPHA |       |
| 35    | <a href="#">W19SHMFCMS82</a>      | VIS MONTAVELLE SHIMANO POWER2      |       |

### Switch



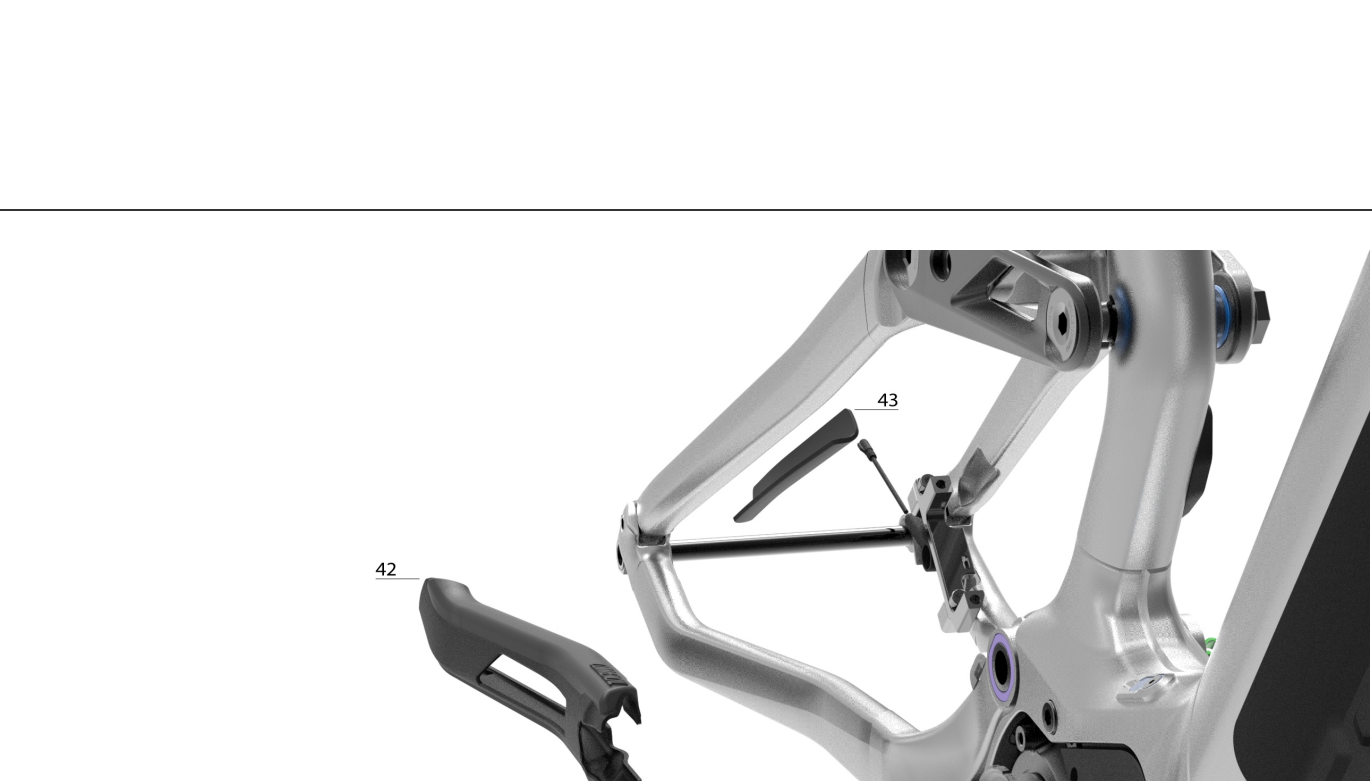
| Index | Ref                              | Nom                                                     | Photo |
|-------|----------------------------------|---------------------------------------------------------|-------|
| 14    | <a href="#">W18SEAL2H</a>        | Procton de passage interne cables - 2 trous             |       |
| 36    | <a href="#">W20SHMIMSW100A</a>   | INTERUPTEUR SATELLITE ON / OFF SHIMANO E8000 META POWER |       |
| 37    | <a href="#">W20MPVYSALSWITCH</a> | JOINT D'INTERUPTEUR ON / OFF META POWER                 |       |

### Charge Port



| Index | Ref                               | Nom                                                               | Photo  |
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| 21    | <a href="#">W19CLHCABLEGUIDEB</a> | GUIDE CABLE INFRIEUR CLASH META, META POWER, EBI, T.E.M.P.O, OHVS | 3 N. M |
| 39    | <a href="#">W20MPVSEALCHARGE</a>  | JOINT PORT DE CHARGE SATELLITE SHIMANO                            |        |
| 39    | <a href="#">W20SHMIMWCP100A</a>   | PORT DE CHARGE SATELLITE SHIMANO EVC100                           |        |

### Protectors



| Index | Ref                                | Nom                                       | Photo |
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| 41    | <a href="#">W20MPWPROTECTMT</a>    | PROTECTOR DE MOTEUR META POWER            |       |
| 42    | <a href="#">W19MPWPROTECCS</a>     | PROTEGE CHAÎNE META                       |       |
| 43    | <a href="#">A19SSTPROTECTMETH4</a> | PROTEGE HUBBAND META, CLASH ET META POWER |       |