

## 2020

### COMMENCAL META POWER SX 2020



#### SPECS

- Specs
  - FRAME**2020 META Power SX (integrated battery), 170 mm travel27.5", Alloy 6066, triple butted tubes, T4, T6, Enduro bearings
  - SYSTEM**SHIMANO E8000250 W, 70 Nm
  - BATTERY**SHIMANO E8035504 Wh
  - DISPLAY**SHIMANO E8000
  - SHOCK**ROCKSHOX SuperDeluxe Coil Ultimate230 x 65 mm, low speed compression, rebound, lockout, spring rates: 300 lbs on S, 350 lbs on M, 400 lbs on L, 450 lbs on XL
  - FORK**ROCKSHOX Lyrik Ultimate RC2, 180 mm travel27.5", Charger 2.1 damper, Debonair, low speed / high speed compression, rebound, Boost (15 x 110 mm), 46mm offset
  - HEADSET**ACROS Alloy cups Z544/Z556Z544/Z556, sealed bearings
  - STEM**RIDE ALPHA Freeride, 40 mm31.8 mm, 0° angle, 2014 alloy
  - BARRIE**ALPHA, 20 mm rise, 780 mm, 31.8 mm7050 alloy, double butted
  - GRIPS**RIDE ALPHA, DH Grips, blackUltra soft compound, single clamp
  - BRAKE**SRAM Code R, 200mm front and rear4 pistons
  - SHIFTERS**SRAM GX Eagle, 12 sp, Single click
  - CHAIN**GUIDERIDE ALPHA 34tShimano Steps specific
  - REAR MECH**SRAM GX Eagle, 12 sp
  - BOTTOM BRACKET**SHIMANO
  - CRANKS**SHIMANO XT E8050, 165 mmHollowtech
  - CHAINRINGS**SRAM X-SYNC EAGLE, 34t
  - CHAIN**SRAM GX Eagle, 12 sp118 links
  - CASSETTE**SRAM GX Eagle, 12 sp10-50t
  - RIMS**DT SWISS H1900 Spline32 holes, 30.5 mm inner width, tubeless ready
  - HUBS**DT SWISS H1900 Spline32 holes, 6 bolts, 15x110 mm front, 12x148mm rear, XD freehub body
  - SPOKES / NIPPLES**DT SWISS
  - TYRES**MAXXIS Assegai, 27.5 x 2.5 / MAXXIS Assegai, 27.5 x 2.53C MaxxTerra, EXO+, TR / 3C MaxxTerra, Double Down, TR
  - SEATPOST**KINDSHOCK Lev Integra31.6 mm, Southpaw alloy lever, 125 mm on S, 150 mm on M, 175 mm on L and XL
  - SADDLE**WTB SL8 Race142 mm width, Cromoly rails
  - WEIGHT**23.9 kg / 52.6 lbs
  - PEDALS**INCLUDEDYes
  - COLOUR**Gun Metal GreyShiny 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**partnership 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 TRAVEL170 mm
    - SHOCK LENGTH / STROKE230 x 65 mm
    - PIGGY BACK SHOCK COMPATIBLEYes
    - SHOCK BUSHINGS20 x 10 mm front / 12.7 x 10 mm rear
    - RECOMMENDED / MAX. FORK HEIGHTS72 mm / 582 mm
    - HEADSET DIMENSIONTapered
    - HEADSET TYPEZ544 / Z556
    - MAXIMUM TYRE DIMENSION (ETRTO)65 mm - 564
    - DISC BRAKE STANDARDPostmount 160 mm
    - REAR ROTOR MAX. SIZE220 mm
    - SEATPOST / SEAT CLAMP DIAMETER31.6 mm / 34.9 mm
  - BOTTOM BRACKET TYPESHIMANO
  - ISCGYes (SHIMANO Standard)
  - FRONT DERAILLEUR TYPENo
  - REAR HUB COMPATIBILITY12 x 148 mm, Maxle standard
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- Riders Insight

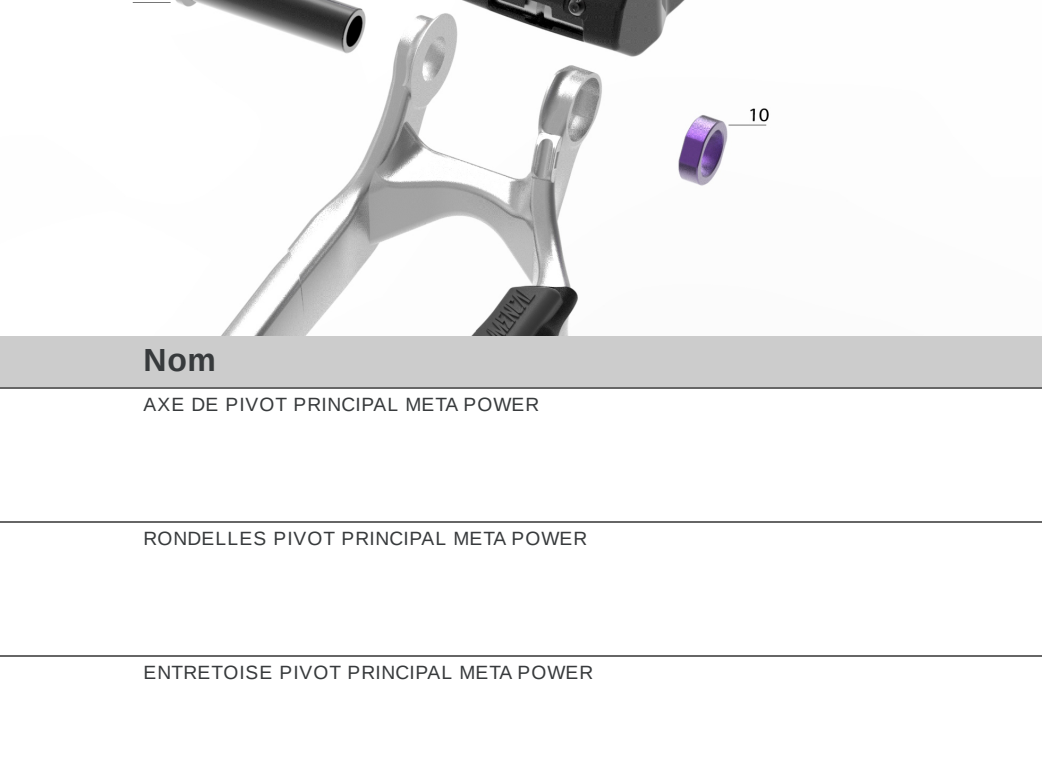
The META POWER SX is a bit of an animal itself. With 180mm of travel at the front and 170mm at the rear, it's a beast on the climbs and a monster on the descents. **EMBN** Pedalling to the top of a trail becomes a real pleasure. Downhill, it's agile like a classic mountain bike with big air ability.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

#### Contact System



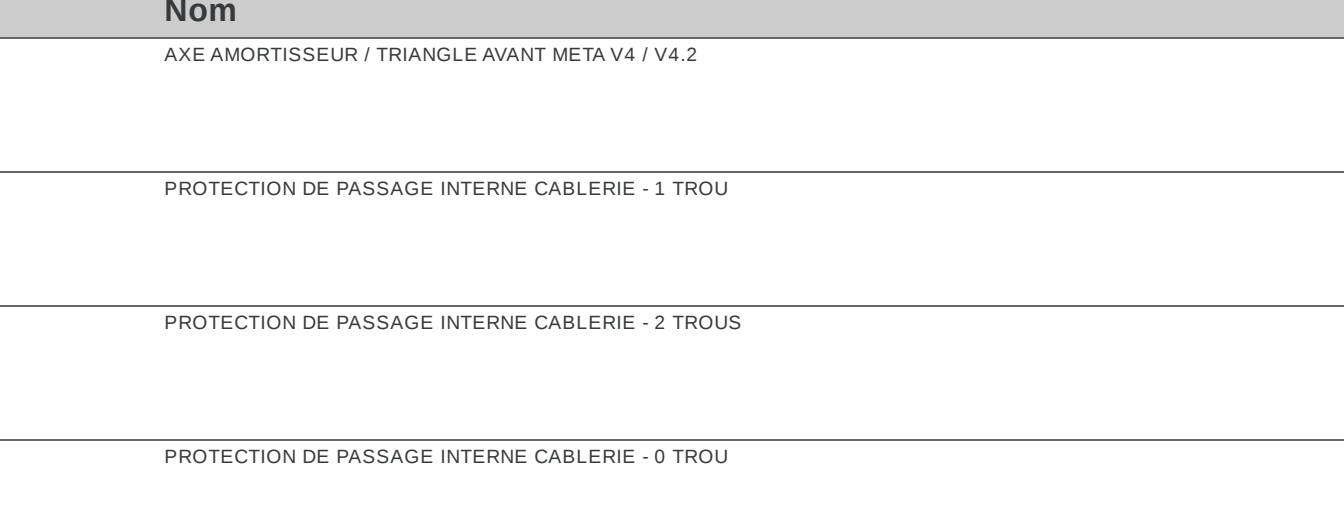
| Index       | Ref                             | Nom                                             | Photo                          |
|-------------|---------------------------------|-------------------------------------------------|--------------------------------|
|             | <a href="#">W20MPWROCKER</a>    | ROULEMENT META POWER V2                         |                                |
| 1           | <a href="#">W19MPWAXLESJOL</a>  | AXE AMORTISSEUR / CLEVIS META POWER             | 9 N/A                          |
| 2           | <a href="#">W20MPWCLEVIS</a>    | CLEVIS META POWER V2                            |                                |
| 3           | <a href="#">W20MPWWSHERPKCL</a> | RONDELLES BASCULEUR / CLEVIS META POWER V2      |                                |
| 4           | <a href="#">W19EB6902</a>       | ROULEMENT ENDURO BEARINGS 6902 LLU MAX          | 13 x 28 x 7                    |
| 5           | <a href="#">W20MPWAXLERKCL</a>  | AXES BASCULEUR / CLEVIS META POWER V2           | 10-12 N/A                      |
| 6           | <a href="#">W20MPWAXLERKST</a>  | AXE BASCULEUR / TRIANGLE AVANT META POWER V2    | 10-12 N/A                      |
| 7           | <a href="#">W20MPWWSHERPK</a>   | RONDELLES BASCULEUR META POWER V2, V2.2 ET V2.3 |                                |
| 8           | <a href="#">W20MPWAXLERKSS</a>  | AXES BASCULEUR / HUBS META POWER V2             | 10-12 N/A                      |
| BEARING KIT | <a href="#">W21EBMETAG9</a>     | ROULEMENTS ENDURO BEARINGS META 20              | 2 x 6804 / 6 x 6802 / 4 x 6900 |

#### Main Pivot



| Index        | Ref                             | Nom                                    | Photo                          |
|--------------|---------------------------------|----------------------------------------|--------------------------------|
| 10           | <a href="#">W18MPWAXLEMP</a>    | AXE DE PIVOT PRINCIPAL META POWER      | 39-35 N/A                      |
| 11           | <a href="#">W18MPWWSHERMP</a>   | RONDELLES PIVOT PRINCIPAL META POWER   |                                |
| 12           | <a href="#">W18MPWWSHERPKCR</a> | ENTRETOISE PIVOT PRINCIPAL META POWER  |                                |
| 4            | <a href="#">W19EB6904</a>       | ROULEMENT ENDURO BEARINGS 6904 LLU MAX | 28 x 52 x 7                    |
| 9            | <a href="#">W20MPWHOSEGUIDE</a> | GUIDE CAINE PIVOT PRINCIPAL META POWER |                                |
| BEARINGS KIT | <a href="#">W21EBMETAG9</a>     | ROULEMENTS ENDURO BEARINGS META 19     | 2 x 6904 / 8 x 6902 / 4 x 6900 |

#### Seals



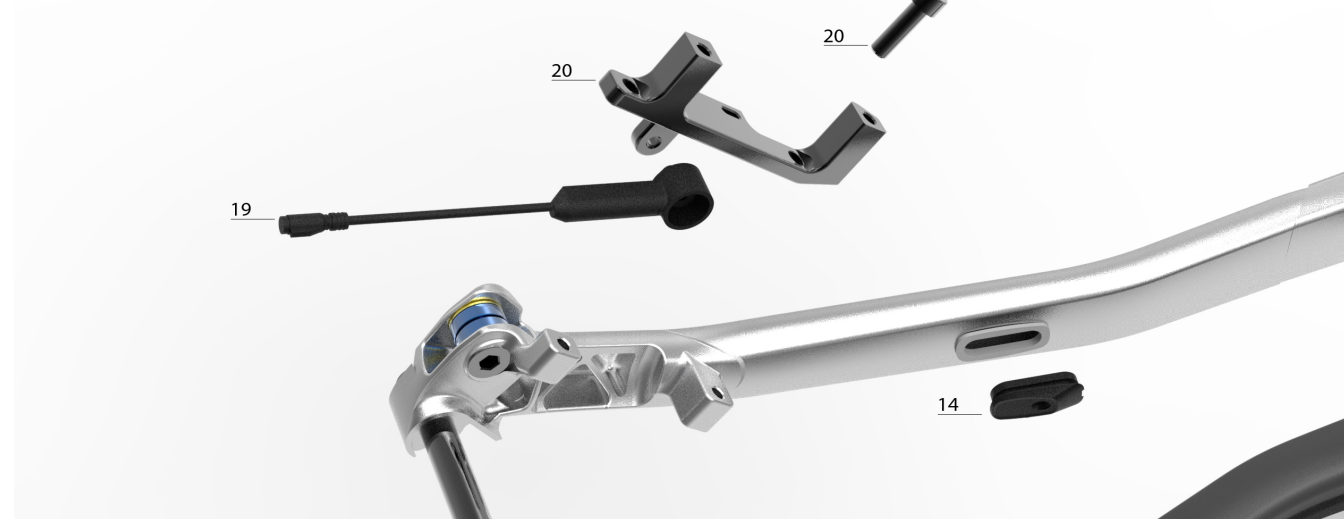
| Index | Ref                         | Nom                                            | Photo      |
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| 13    | <a href="#">W17AXLESHTT</a> | AXE AMORTISSEUR / TRIANGLE AVANT META V4 V4.2  | 9 - 12 N/A |
| 14    | <a href="#">W18SEAL1H</a>   | PROTECTION 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                          |
|-------------|-----------------------------------|-----------------------------------------------------------------|--------------------------------|
| 19          | <a href="#">W19AXLEWHEELBOOST</a> | AXE DE ROUE ARRIERE - STANDARD MAXLE BOOST                      | 12 N/A                         |
| 16          | <a href="#">W19PHRMETA</a>        | ENTRETOISE DE ROUE ARRIERE / V4 / V4.2 / POWER / 21 / SURPNE SX | 15 N/A                         |
| 17          | <a href="#">W19WASHSTKIT</a>      | RONDELLES BASES / HUBS META V4 ET V4.2                          |                                |
| 18          | <a href="#">W19AXLESTCS</a>       | AXES BASES / HUBS META V4, V4.2 ET META POWER                   | 10-13 N/A                      |
| 4           | <a href="#">W21EB6900</a>         | ROULEMENT ENDURO BEARINGS 6900 LLU MAX                          | 10 x 19 x 5                    |
| BEARING KIT | <a href="#">W21EBMETAG9</a>       | ROULEMENTS ENDURO BEARINGS META 19                              | 2 x 6904 / 8 x 6902 / 4 x 6900 |

#### Brake Hanger



| Index | Ref                             | Nom                                               | Photo |
|-------|---------------------------------|---------------------------------------------------|-------|
| 14    | <a href="#">W18SEAL1H</a>       | PROTECTION DE PASSAGE INTERNE CABLES - 1 TROU     |       |
| 19    | <a href="#">W20SHIMEMDUE10A</a> | CAPITEUR DE VITESSE 10S3 SHIMANO E8000 META POWER |       |
| 20    | <a href="#">W20MPVBRAKEH200</a> | PATTE DE FREIN ARRIERE 200 MM META POWER          |       |
| 20    | <a href="#">W20MPVBRAKEH200</a> | PATTE DE FREIN ARRIERE 225 MM META POWER          |       |

#### Hose Guide



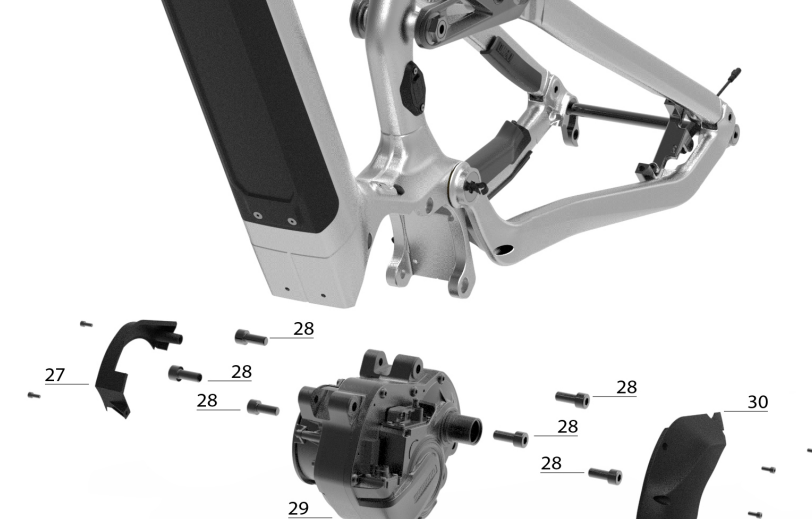
| Index | Ref                               | Nom                                                             | Photo |
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| 21    | <a href="#">W19CLHCABLEGUIDEB</a> | GUIDE CABLE INFRIEUR CLASH META META POWER FRS, T.E.M.P.O. DAYS | 1 N/A |

#### Battery



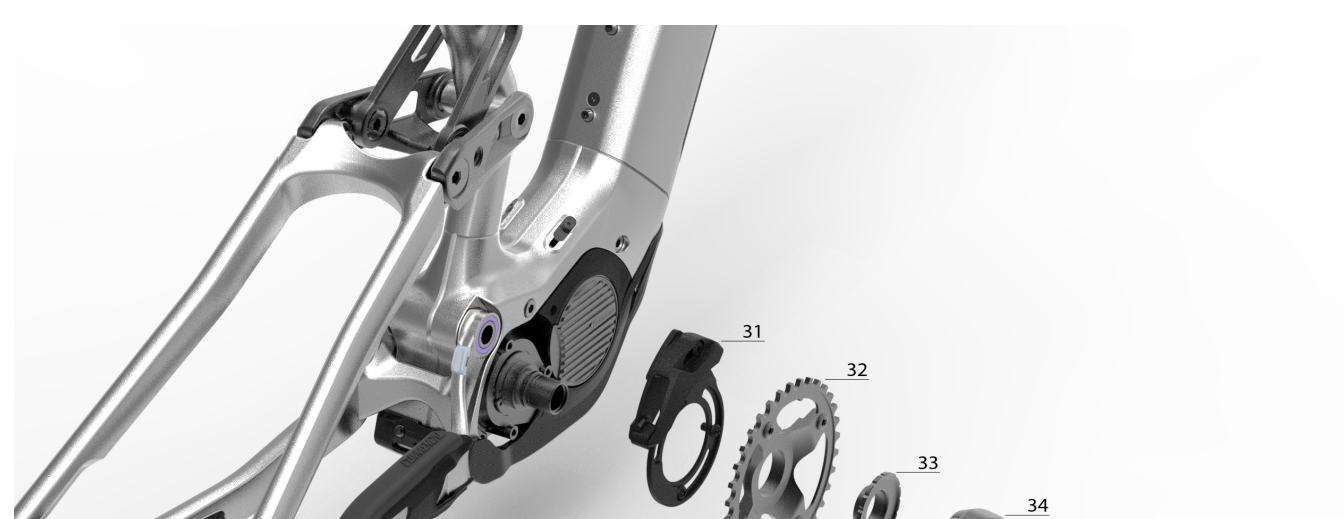
| Index | Ref                             | Nom                                                     | Photo |
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| 22    | <a href="#">W20MPVBATMOUNTB</a> | KIT ASSEMBLAGE SUPPORT BATTERIE SUPERIEUR META POWER V2 |       |
| 23    | <a href="#">W20MPVBATMOUNTT</a> | KIT ASSEMBLAGE SUPPORT BATTERIE SUPERIEUR META POWER V2 |       |
| 24    | <a href="#">W20SHIMEMB0311A</a> | SUPPORT BATTERIE INTERIEUR SHIMANO E8000 META POWER     |       |
| 25    | <a href="#">A20BATTERYSHIM</a>  | BATTERIE INTERIEUR SHIMANO E18000 E8000                 |       |
| 26    | <a href="#">W20MPVPROTECBAT</a> | PROTECTION DE BATTERIE INTERIEUR META POWER             |       |

#### Motor



| Index | Ref                             | Nom                                            | Photo  |
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| 27    | <a href="#">W20MPWDCCOVER</a>   | CAPOT DROT MOTEUR SHIMANO E8000 META POWER     |        |
| 28    | <a href="#">W20MPWBOLTMOTOR</a> | VIS FIXATION MOTEUR SHIMANO / CHAPE META POWER | 15 N/A |
| 28    | <a href="#">W19SHIMUEB000</a>   | MOTEUR SHIMANO E8000 META POWER                |        |

#### CrankSet



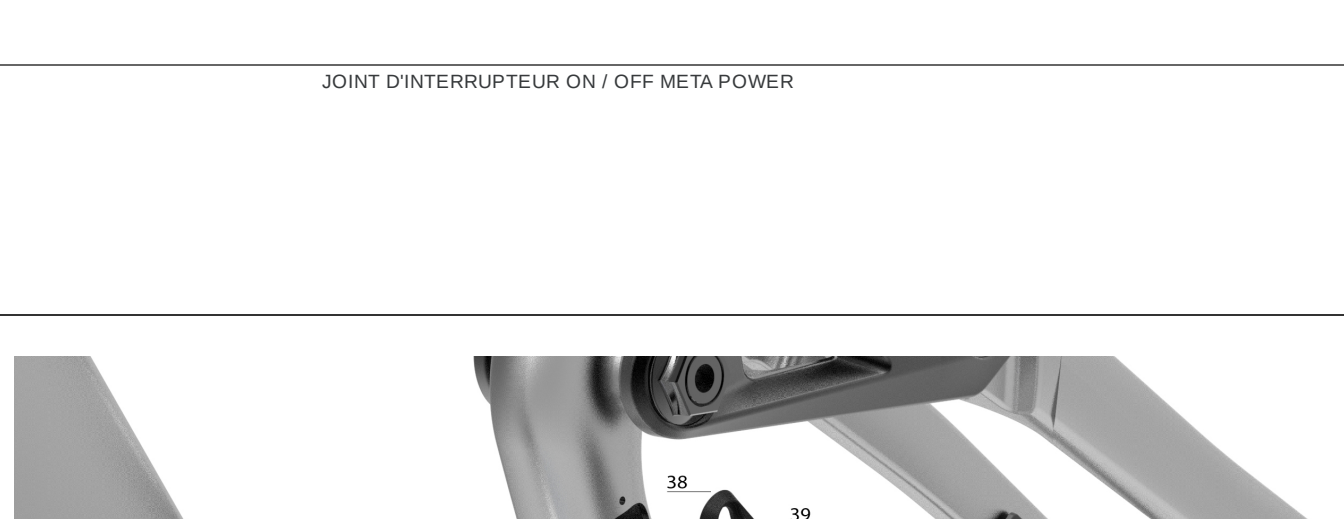
| Index | Ref                               | Nom                               | Photo |
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| 31    | <a href="#">A19ALPHACHGUEB000</a> | GUIDE CHAÎNE POUR 8000 META ALPHA |       |
| 35    | <a href="#">W19SHIMECMS82</a>     | VIS MANIVELLE SHIMANO FORG52      |       |

#### Switch



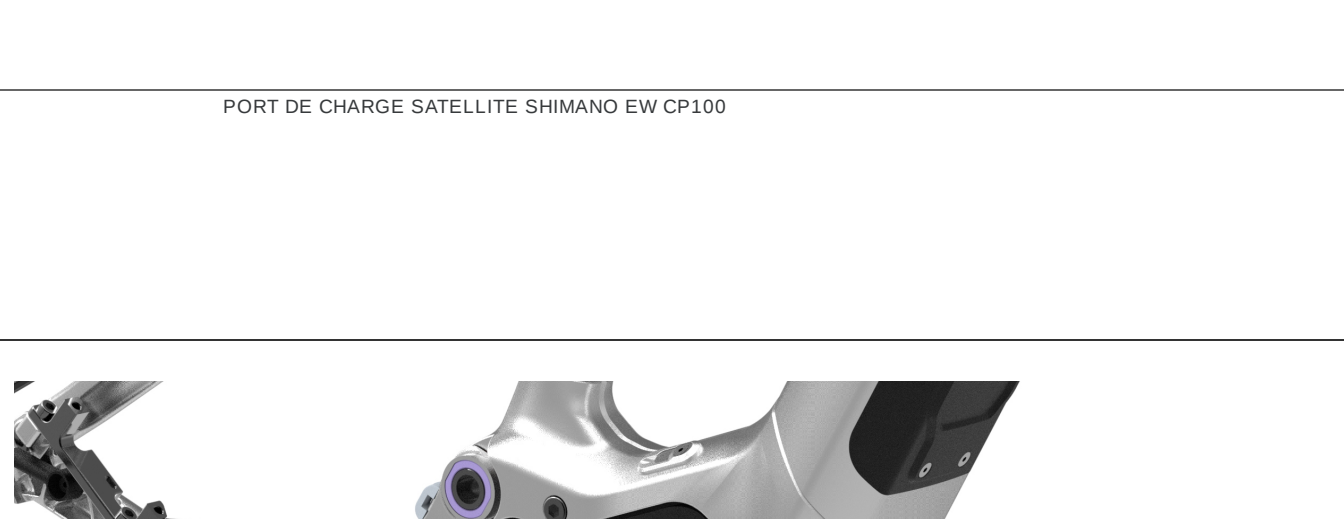
| Index | Ref                              | Nom                                                      | Photo |
|-------|----------------------------------|----------------------------------------------------------|-------|
| 14    | <a href="#">W18SEAL2H</a>        | PROTECTION DE PASSAGE INTERNE CABLES - 2 TROUS           |       |
| 39    | <a href="#">W20SHIMEMSW100A</a>  | INTERRUPTEUR SATELLITE ON / OFF SHIMANO E8000 META POWER |       |
| 37    | <a href="#">W20MPVSEALSWITCH</a> | JOINT D'INTERRUPTEUR ON / OFF META POWER                 |       |

#### Charge Port



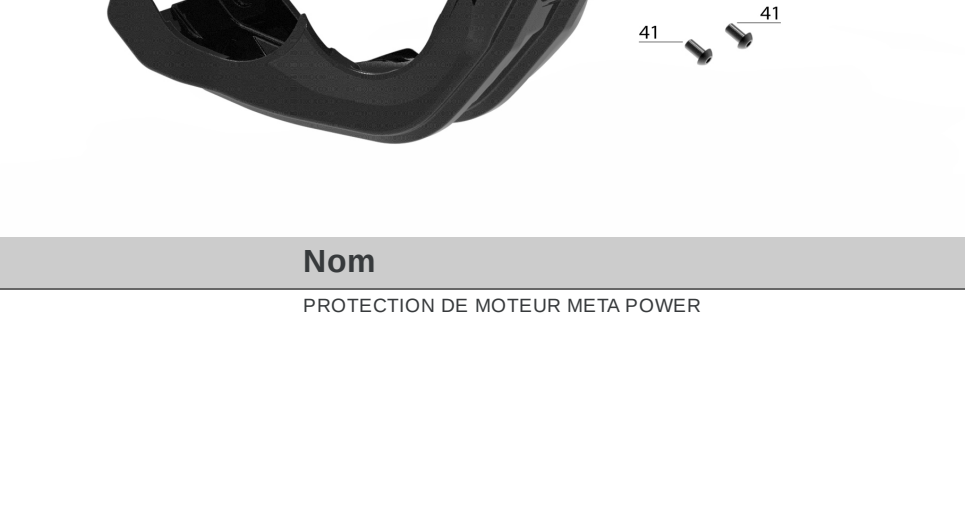
| Index | Ref                               | Nom                                                             | Photo |
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| 21    | <a href="#">W19CLHCABLEGUIDEB</a> | GUIDE CABLE INFRIEUR CLASH META META POWER FRS, T.E.M.P.O. DAYS | 1 N/A |
| 38    | <a href="#">W20MPVSEALCHARGE</a>  | JOINT PORT DE CHARGE SATELLITE SHIMANO                          |       |
| 39    | <a href="#">W20SHIMEWCP100A</a>   | PORT DE CHARGE SATELLITE SHIMANO EV C100                        |       |

#### Protectors



| Index | Ref                              | Nom                             | Photo |
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| 41    | <a href="#">W20MPVPROTECTECH</a> | PROTECTION DE MOTEUR META POWER |       |

#### Protectors



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| 42    | <a href="#">W19MPVPROTECTECS</a>   | PROTECTION DE BASE META POWER          |       |
| 43    | <a href="#">A19SSSTPROTECTECHA</a> | PROTEGE HUBS META, CLASH ET META POWER |       |