2022

COMMENCAL META POWER TR RACE

SPECS

CADRE
2022 META POWER TR, 140 mm

29", Alloy 6066, triple butted tubes, T4, T6. Enduro bearings

MOTEUR
SHIMANO DU-EP800

Max. torque: 85N.m, 250W

BATTERIE
SHIMANO BT-E8036

630Wh

AFFICHAGE
SHIMANO SC-EM800

LCD colored display featuring: Clock, Assist mode display, Battery charge level, Current Speed, Maximum speed, Average speed, Trip distance, Trip time, Estimated range, Range overview, Cadence, Human output power (as scale indicator), Calorie setting, Maintenance alert, Bluetooth LE connection (for E-Tube Project communication)

AMORTISSEUR
ROCKSHOX Super Deluxe Coil Ultimate

210 x 55 mm, LSC, rebound, 2-position adjustment. Spring rate 350 LBS on S and M / 400 LBS on L / 450 LBS on XL

FOURCHE
ROCKSHOX Lyrik Ultimate, 150 mm travel

29", Charger 2.1 damper, Debonair, LSC, HSC, rebound, Boost (15 x 110 mm), 42 mm offset, 2 Tokens

JEU DE DIRECTION
ACROS ZS56 / ZS66

Alloy cups, sealed bearings

POTENCE
RIDE ALPHA Freeride 40

40 mm extension, 31,8 mm

CINTRE
RIDE ALPHA R20 POWER on S - RIDE ALPHA R27 POWER on M / L / XL

Internal Di2 cable routing - 31.8 mm, 760 mm width, 20 mm rise, Alloy 6061 on S - 31.8 mm, 780 mm width, 27 mm rise, Alloy 6061 on M / L - 31.8 mm, 800 mm width, 27 mm rise, Alloy 6061 on XL

GRIPS
ODI Elite Motion

Soft pro compound, single clamp, black

FREINS
TRP DH-R Evo

4 pistons

DISQUES
TRP R1 220 mm

6-bolt, 2.3 mm width

SHIFTERS
SRAM GX Eagle

12s, Single Click

GUIDE CHAINE
RIDE ALPHA EP8

32-34t

DERAILLEUR
SRAM GX Eagle

12s

BOITIER DE PEDALIER
SHIMANO

MANIVELLES
SHIMANO FC-EM900

160 mm crank arms

PLATEAU
E13 E*Spec Plus EP8

32t, Narrow-Wide, direct mount

CHAINE
SRAM GX Eagle

12s

CASSETTE
SRAM GX Eagle

12s, 10-52t

JANTES
Rear: DT SWISS HX1700 Spline - Front: DT SWISS HX1700 Spline

Rear: 29", 28h, welded, 30 mm inner width - Front: 29", 28h, sleeved, 30 mm inner width

MOYEUX
Rear: DT SWISS 350 - Front: DT SWISS 350

Rear: 28h, sealed bearings, e-bike specific - Front: 28h, sealed bearings

RAYONS
DT SWISS Hybrid 1

Straightpull, 2.34/2.0mm, double butted, stainless, with Nylok, black

PNEUS
Rear: SCHWALBE Nobby Nic - Front: SCHWALBE Magic Mary

Rear: 29"x2.4", Super Trail, Addix SpeedGrip, Tubeless Easy - Front: 29"x2.4", Super Trail, Addix Soft, Tubeless Easy

TIGE DE SELLE
KS Lev Integra

31.6 mm, travel: 125 mm on S, 175 mm on M/L, 200 mm on XL, SouthPaw alloy remote

SELLE
FIZIK Terra Aidon X3

Kium Mobius rails

POIDS
23,5 kg

Average weight for S size, without pedals. Weight may differ slightly due to manufacturing tolerances.

PEDALES
Yes

COULEUR
Brushed

Shiny Finish

ACCESSOIRES
RIDE ALPHA CNC pedals, motor protector, chainstay protector, seatstay protector, user manual

META POWER bikes are delivered with Shimano Europlug (CEE 7/7 norm) battery charger, a plug adapter is necessary for customers living in countries using different standards.

RECYCLAGE BATTERIE
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.

- Vidéos

TECH

TYPE DE VELO
E-BIKE TRAIL 29"

CADRE
AL-6061 + AL-6066

POIDS DU CADRE
4,1 kg - With plastic accessories.

DEBATTEMENT ARRIERE
140 mm

ENTRE-AXE / COURSE
210 x 55 mm

COMPATIBLE PIGGY BACK
Yes

BUSELURES AMORTISSEUR
20 x 10 mm / NOTHING

HAUTEUR DE FOURCHE RECOMMANDEE / MAX
566 mm / 576 mm

DOUILLE DE DIRECTION
Tapered

JEU DE DIRECTION
ZS56 / ZS66

LARGEUR MAXIMALE PNEUS (ETRTO)
65 mm - 622

STANDARD FREIN A DISQUE
PM160

DIAMETRE MAX DISQUE DE FREIN AR
220 mm

DIAMETRE TIGE DE SELLE / COLLIER DE SELLE
31,6 mm / 34,9 mm

BOITIER DE PEDALIER
SHIMANO E-BIKE

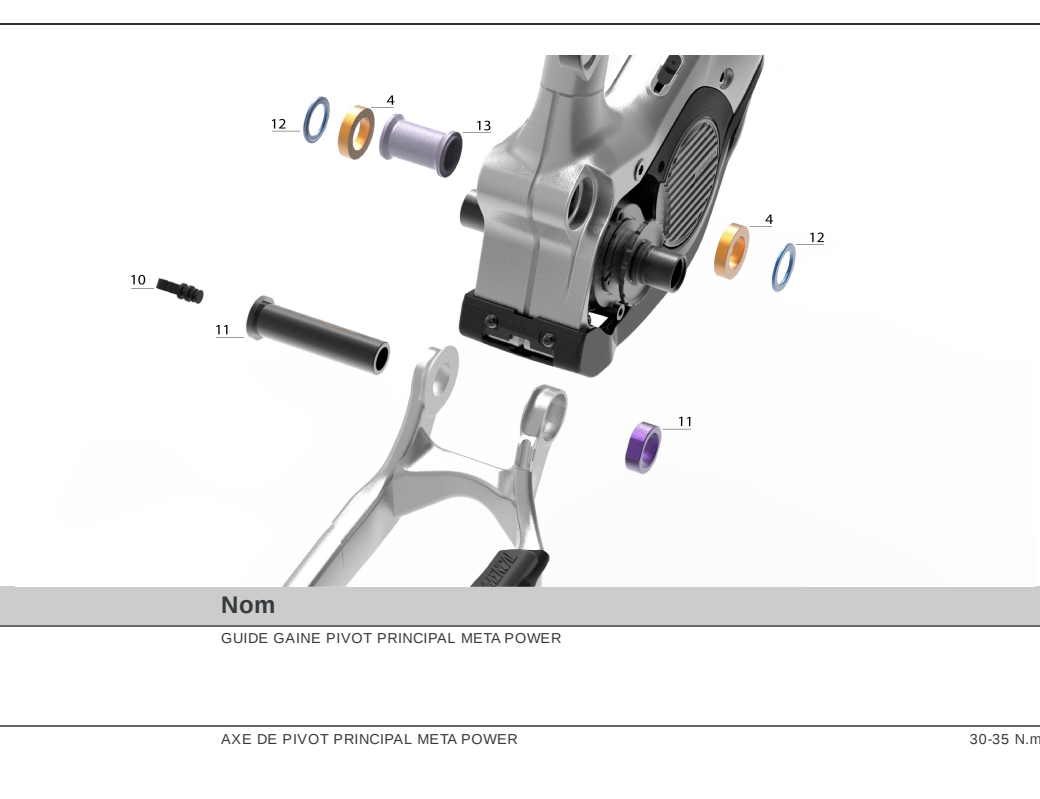
ISCG
Yes (SHIMANO Standard)

DERAILLEUR AVANT
No

AXE DE ROUE ARRIERE
12 x 148 mm

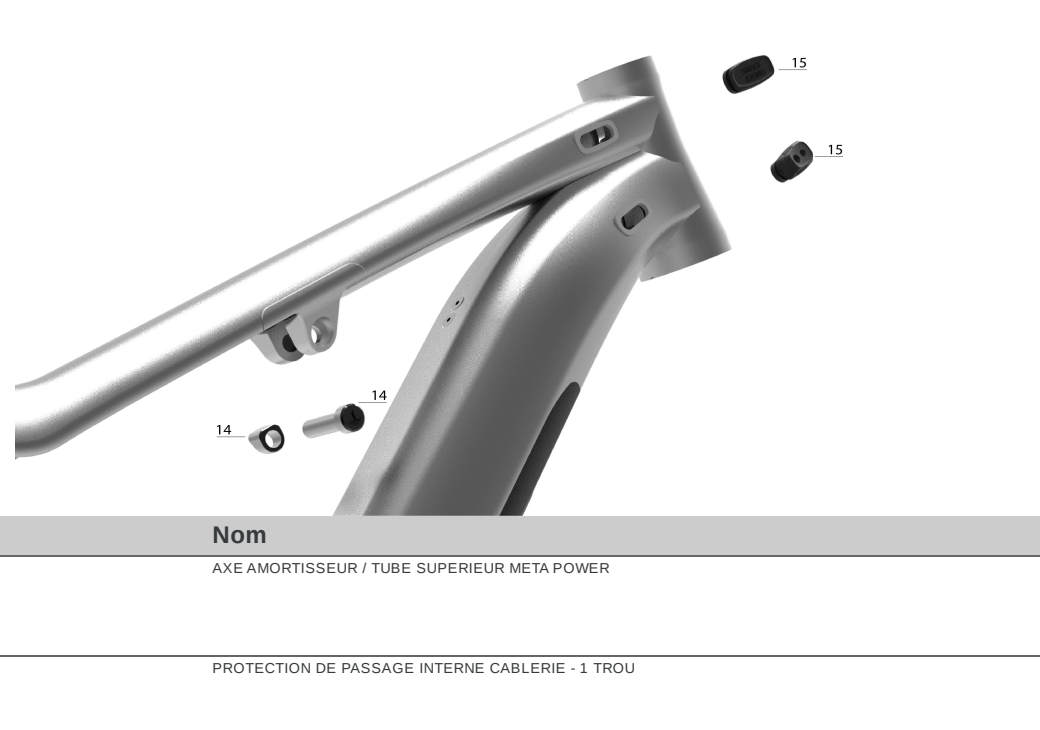
- Géometrie
- Tailles

Main Pivot



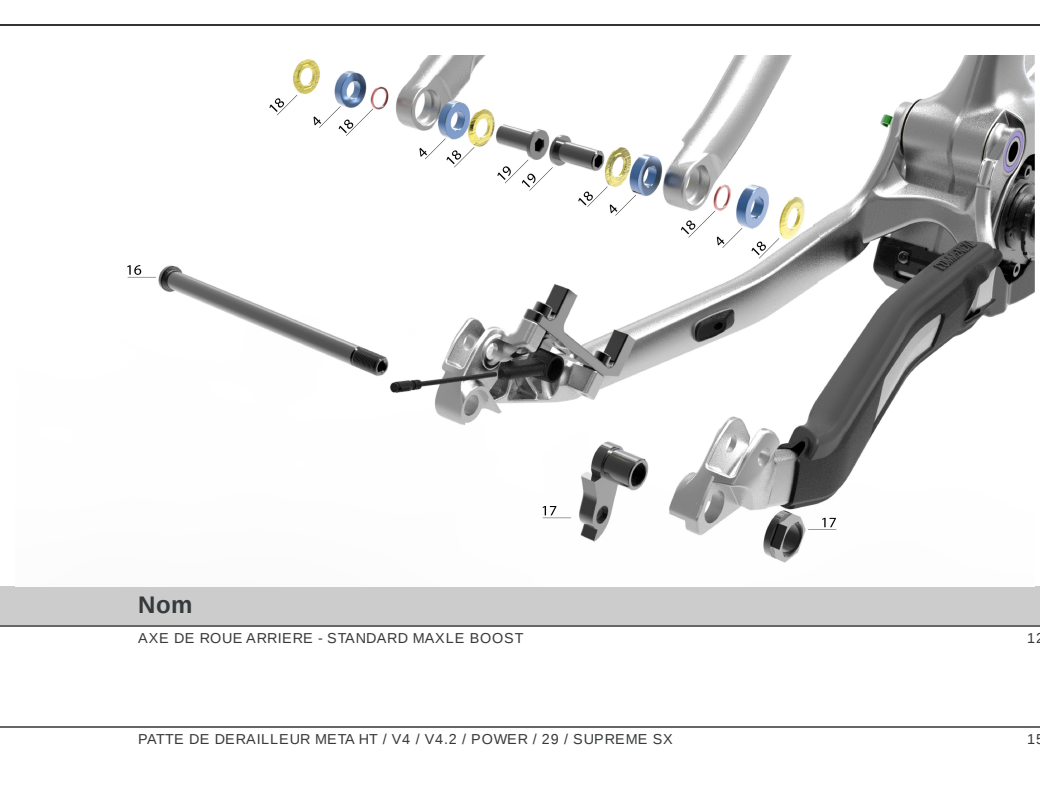
Index	Ref	Nom		Photo
10	W20MPWHOSEGUIDE	GUIDE GAINE PIVOT PRINCIPAL META POWER		
11	W18MPWAXLEMP	AXE DE PIVOT PRINCIPAL META POWER	30-35 N.m	
12	W18MPWWASHERMP	RONDELLES PIVOT PRINCIPAL META POWER		
13	W18MPWMPSPACER	ENTRETOISE PIVOT PRINCIPAL META POWER		
4	W19EB6804	ROULEMENT ENDURO BEARINGS 6804 LLU MAX	20 x 32 x 7	
BEARING KIT	W21EBMETAPOWERTR	ROULEMENTS ENDURO BEARINGS META POWER TR	2 x 6804 / 4 x 6800 / 6 x 3802	

TopTube



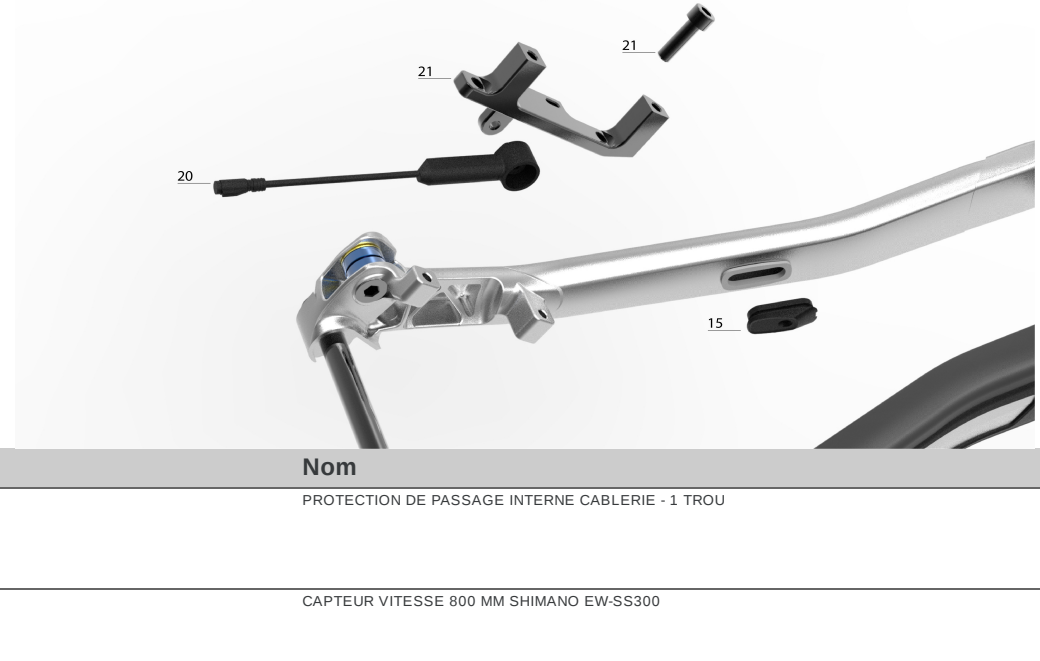
Index	Ref	Nom		Photo
14	W21MPWAXLESHTT	AXE AMORTISSEUR / TUBE SUPERIEUR META POWER	9-12 N.m	
15	W18SEAL1H	PROTECTION DE PASSAGE INTERNE CABLERIE - 1 TROU		
15	W18SEAL2H	PROTECTION DE PASSAGE INTERNE CABLERIE - 2 TROUS		
15	W18SEALNOH	PROTECTION DE PASSAGE INTERNE CABLERIE - 0 TROU		

Chainstays / Seatstays



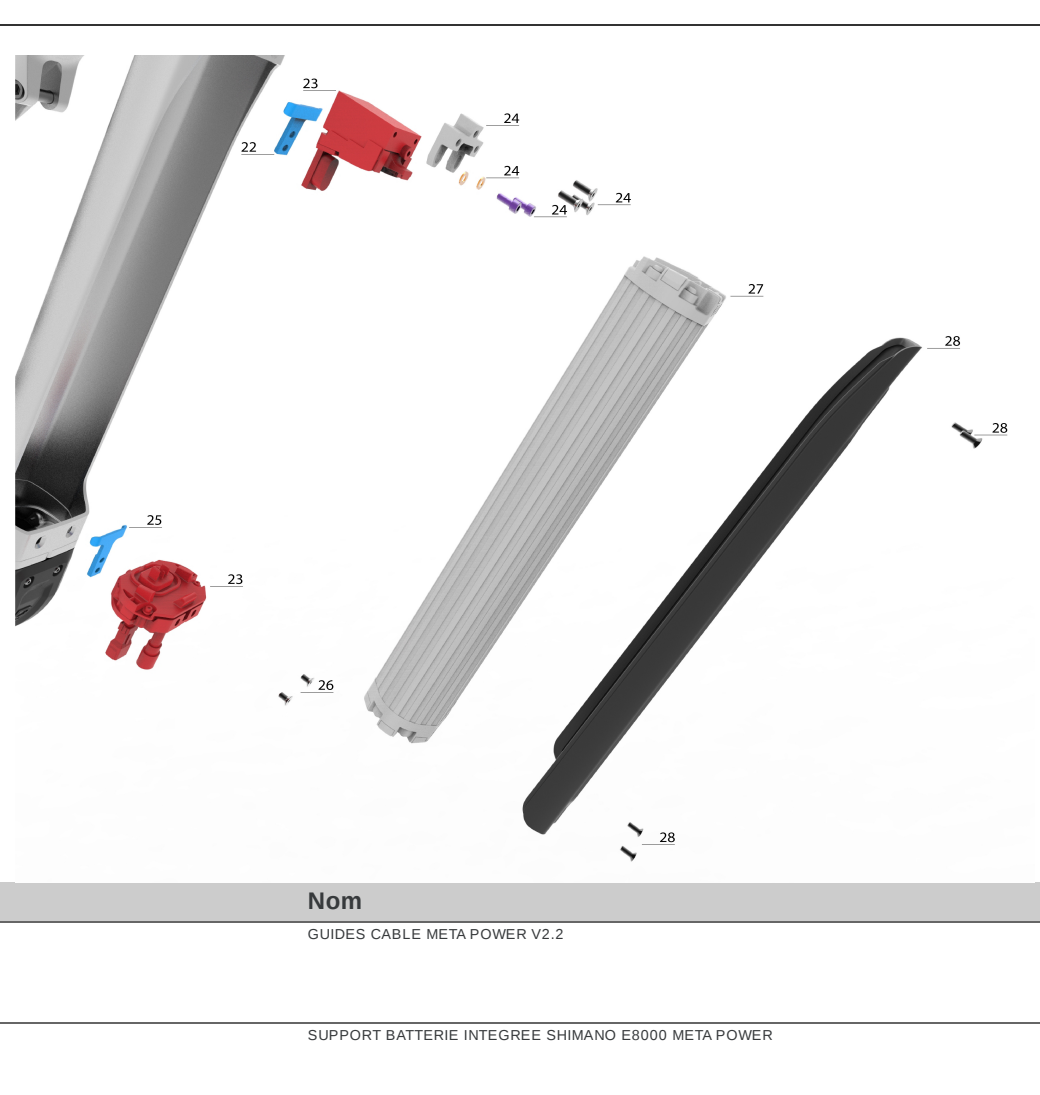
Index	Ref	Nom		Photo
16	W19AXLEWHEELBOOST	AXE DE ROUE ARRIERE - STANDARD MAXLE BOOST	12 N.m	
17	W15RHRMETA	PATTE DE DERAILLEUR META HT / V4 / V4.2 / POWER / 29 / SUPREME SX	15 N.m	
18	W15WASHSTKIT	RONDELLES BASES / HAUBANS META V4 ET V4.2		
19	W15AXLESTCS	AXES BASES / HAUBANS META V4, V4.2 ET META POWER	10-15 N.m	
4	W21EB6800	ROULEMENT ENDURO BEARINGS 6800 LLU MAX	10 x 19 x 5	
BEARING KIT	W21EBMETAPOWERTR	ROULEMENTS ENDURO BEARINGS META POWER TR	2 x 6804 / 4 x 6800 / 6 x 3802	

Brake Hanger



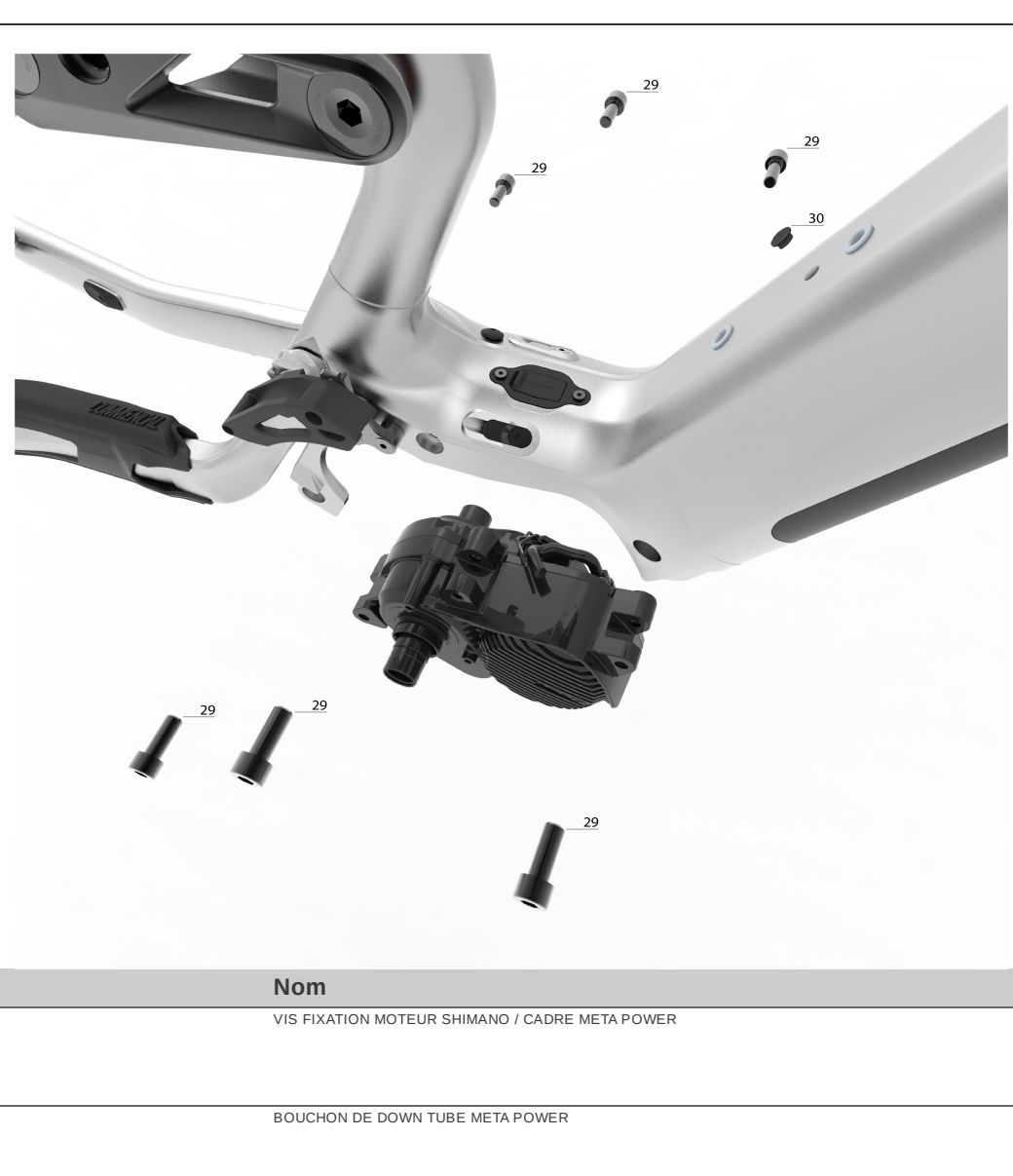
Index	Ref	Nom	Photo
15	W18SEAL1H	PROTECTION DE PASSAGE INTERNE CABLERIE - 1 TROU	
20	W21SHIMEWSS301	CAPTEUR VITESSE 800 MM SHIMANO EW-SS300	
21	W20MPWBRAKEH200	PATTE DE FREIN ARRIERE 200 MM META POWER	
21	W20MPWBRAKEH220	PATTE DE FREIN ARRIERE 220 MM META POWER	

Battery



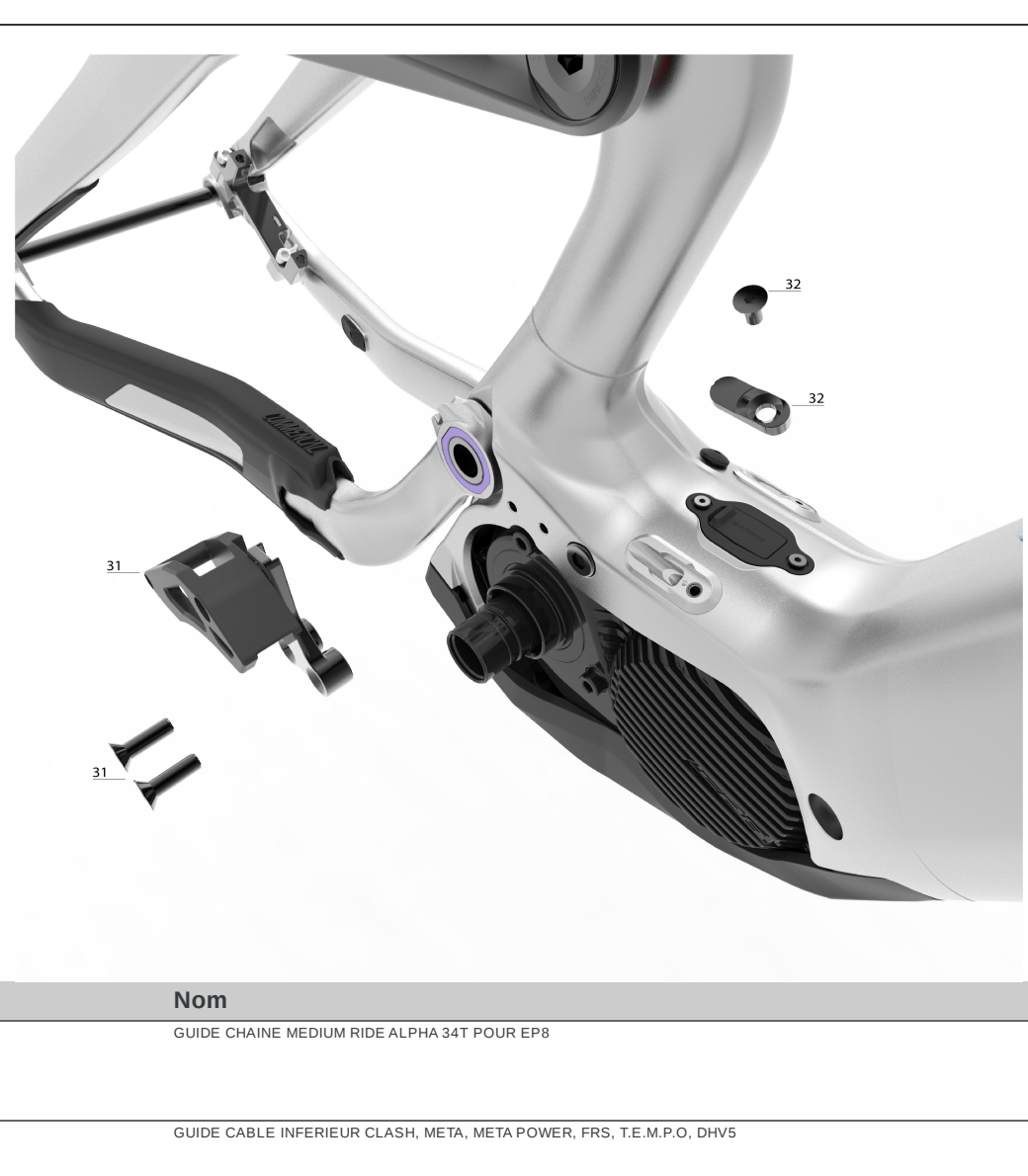
Index	Ref	Nom	Photo
22	W21MPWCABLEGUIDE	GUIDES CABLE META POWER V2.2	
23	W20SHIMIBME80311A	SUPPORT BATTERIE INTEGREE SHIMANO E8000 META POWER	
24	W21MPWBATMOUT	KIT ASSEMBLAGE SUPPORT BATTERIE SUPERIEUR META POWER	
25	W21MPWCABLEGUIDE	GUIDES CABLE META POWER V2.2	
26	W21MPWBOLTBATMOUNT	VIS ASSEMBLAGE SUPPORT BATTERIE INFERIEUR META POWER	
27	A21BATTSHIMI630	BATTERIE INTEGREE SHIMANO BT-E8036A 630WH	
28	W21MPWPROTECBAT	PROTECTION DE BATTERIE INTEGREE META POWER V2.2	

Motor



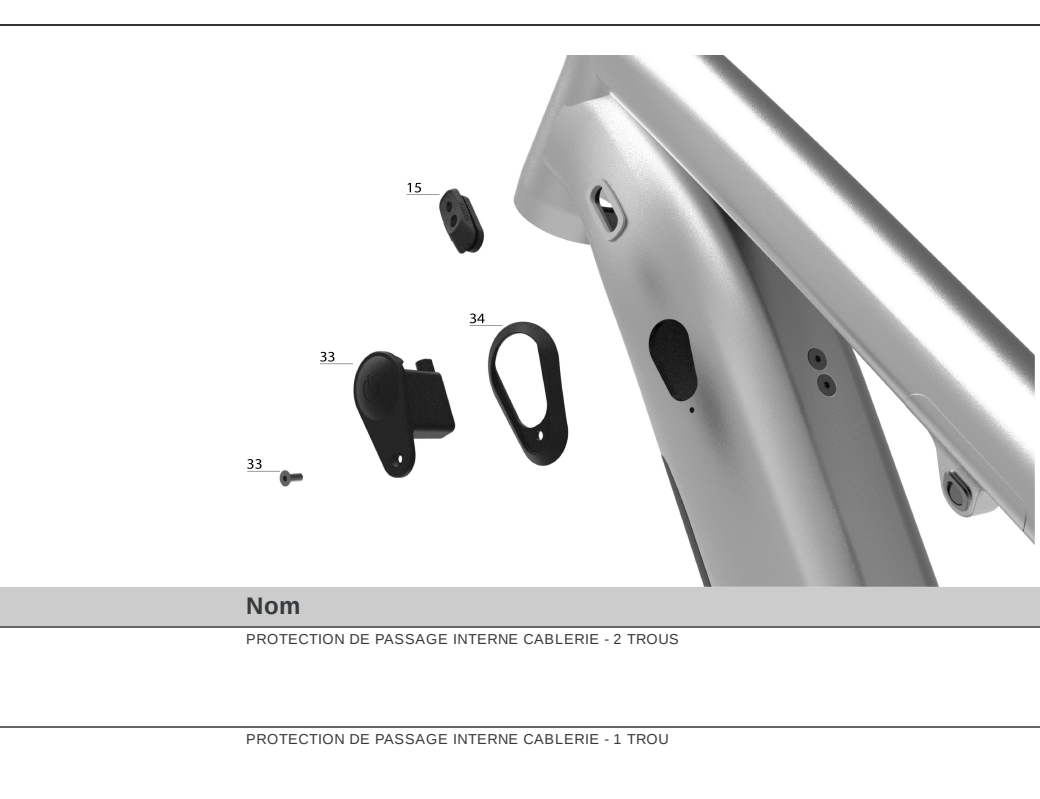
Index	Ref	Nom		Photo
29	W20MPWBOLTMOTOR	VIS FIXATION MOTEUR SHIMANO / CADRE META POWER	15 N.m	
30	W21MPWCAP	BOUCHON DE DOWN TUBE META POWER		

Chain Guide



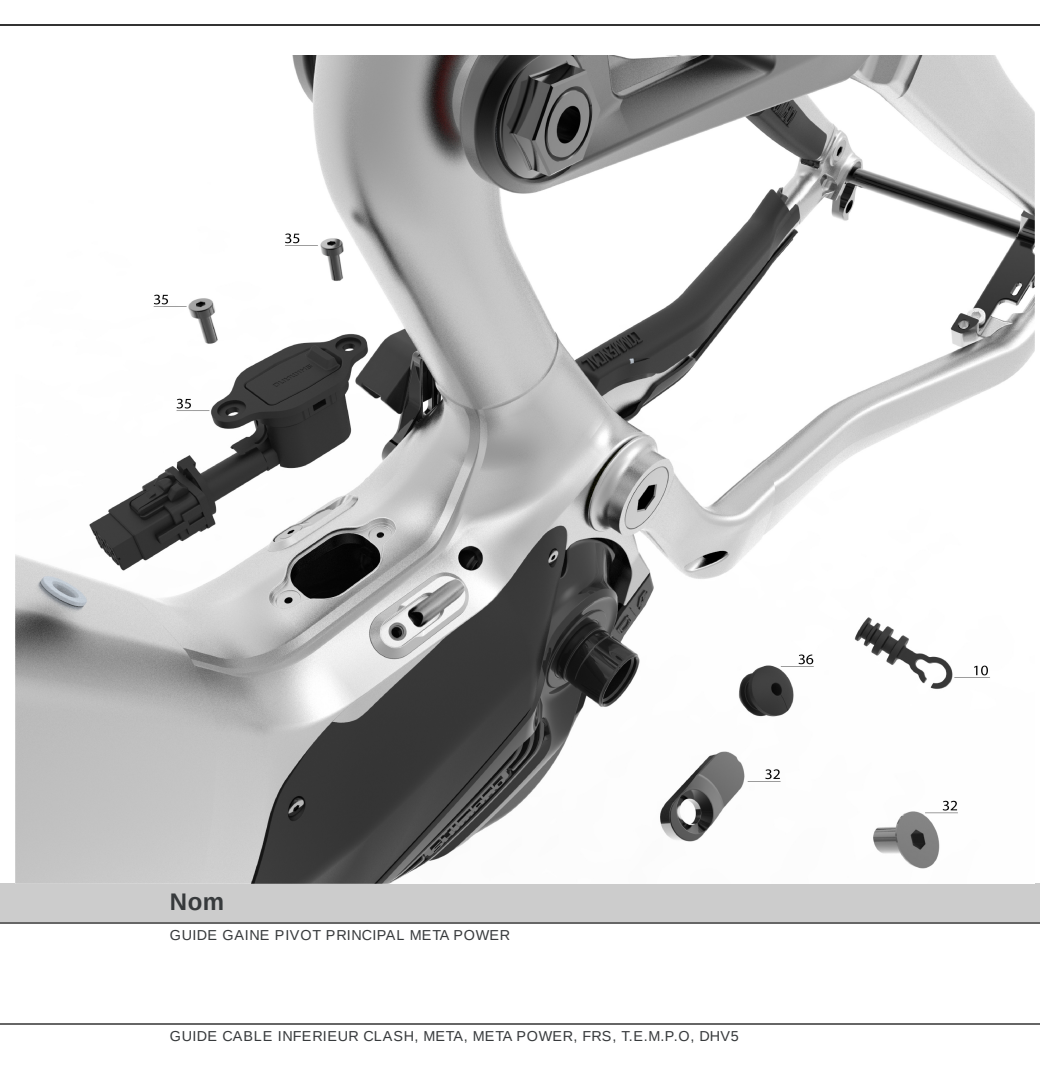
Index	Ref	Nom		Photo
31	A21ALPHACHGUEP8DM	GUIDE CHAINE MEDIUM RIDE ALPHA 34T POUR EP8		
32	W19CLHCABLEGUIDEB	GUIDE CABLE INFERIEUR CLASH, META, META POWER, FRS, T.E.M.P.O, DHV5	3 N.m	

Switch



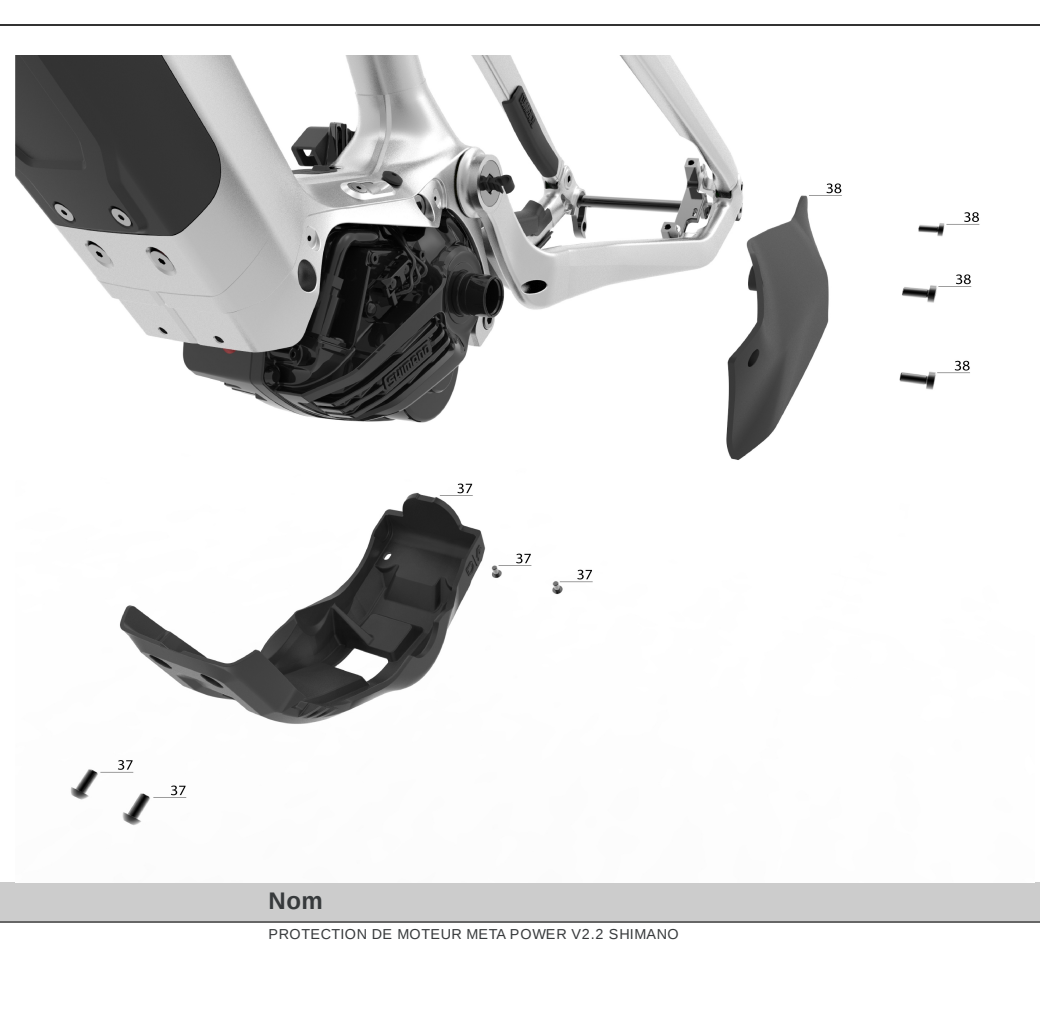
Index	Ref	Nom	Photo
15	W18SEAL2H	PROTECTION DE PASSAGE INTERNE CABLERIE - 2 TROUS	
15	W18SEAL1H	PROTECTION DE PASSAGE INTERNE CABLERIE - 1 TROU	
33	W20SHIMIEWSW100A	INTERRUPTEUR SATELLITE ON / OFF SHIMANO E8000 META POWER	
34	W20MPWSEALSWITCH	JOINT D'INTERRUPTEUR ON / OFF META POWER	

Charge Port



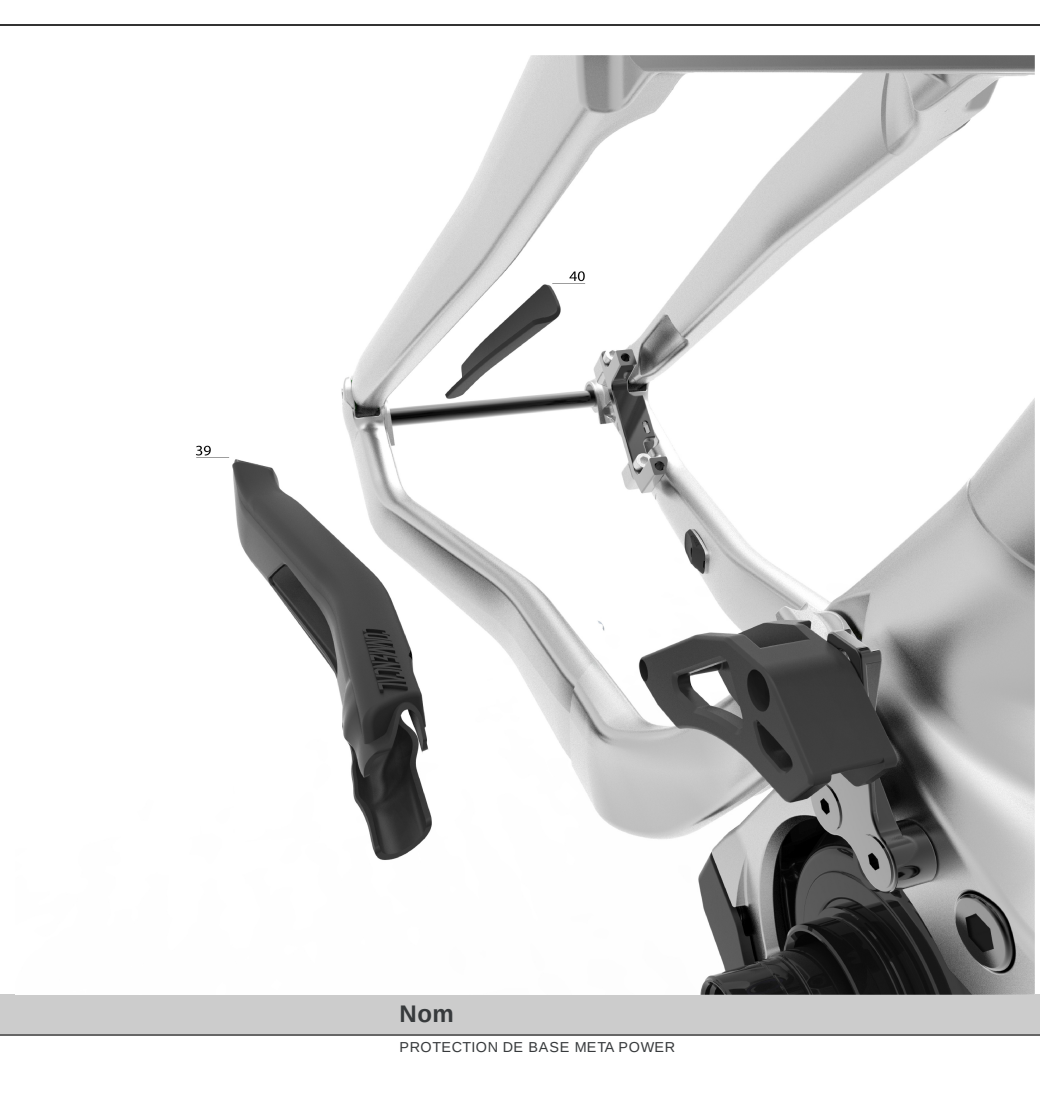
Index	Ref	Nom		Photo
10	W20MPWHOSEGUIDE	GUIDE GAINE PIVOT PRINCIPAL META POWER		
32	W19CLHCABLEGUIDEB	GUIDE CABLE INFERIEUR CLASH, META, META POWER, FRS, T.E.M.P.O, DHV5	3 N.m	
35	W20SHIMIEWCP100A	PORT DE CHARGE SATELLITE SHIMANO EW CP100		
36	W20MPWSEALSENSOR	JOINT PASSAGE CAPTEUR DE VITESSE META POWER		

Motor Protectors



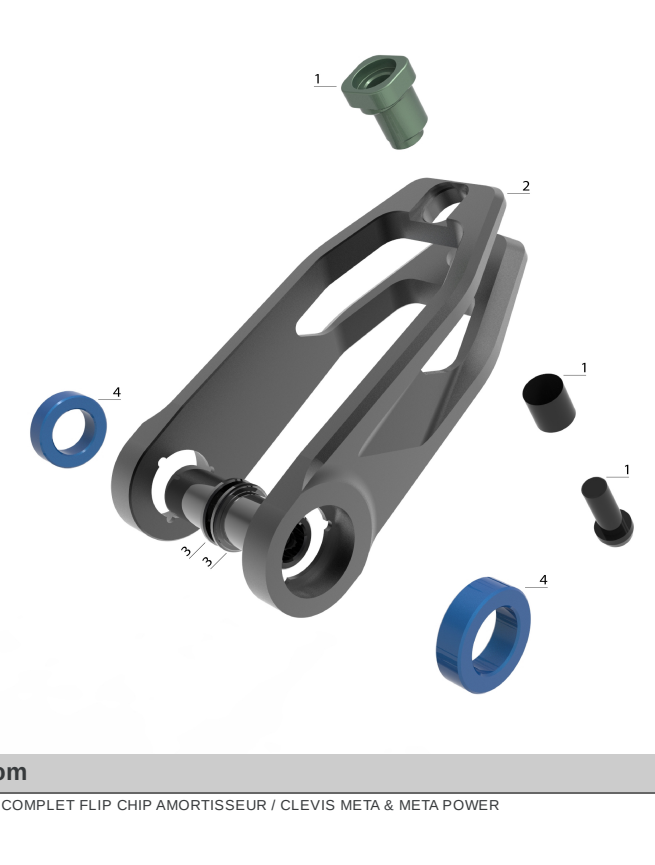
Index	Ref	Nom		Photo
37	W21MPWPROTECMT	PROTECTION DE MOTEUR META POWER V2.2 SHIMANO	3 N.m	
38	W21MPWDUCOVER	CARTER GAUCHE MOTEUR SHIMANO EP8 META POWER		

Protectors



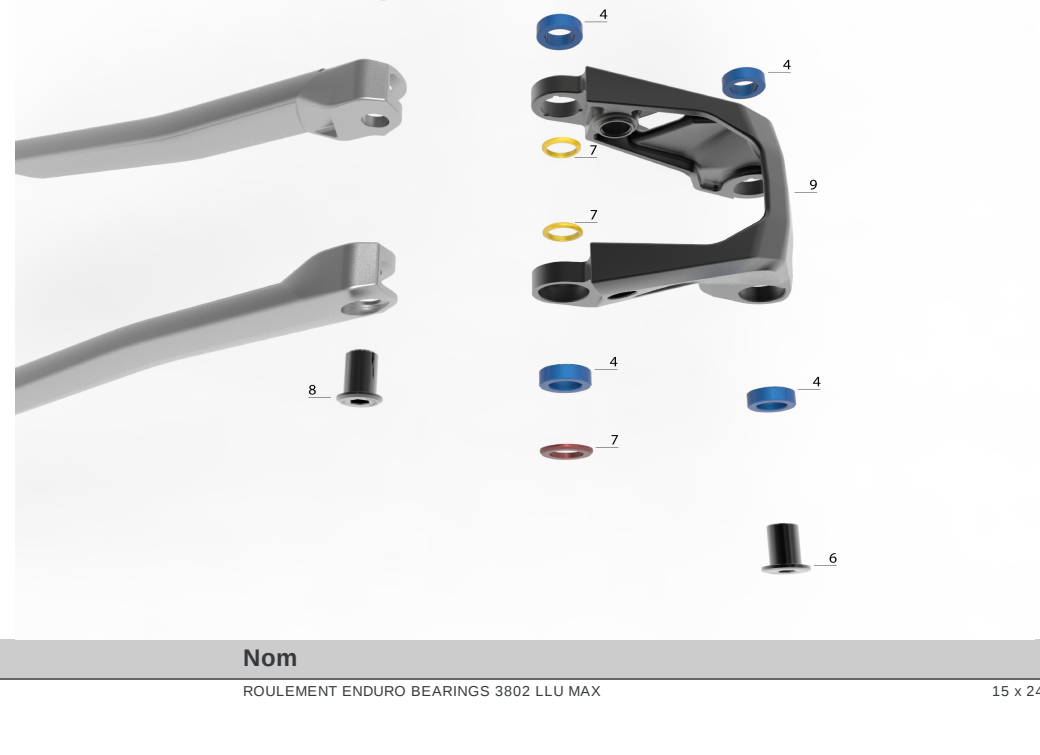
Index	Ref	Nom	Photo
39	W19MPWPROTECCS	PROTECTION DE BASE META POWER	
40	A16SSTPROTECMETAV4	PROTEGE HAUBAN META, CLASH ET META POWER	

Clevis



Index	Ref	Nom		Photo
1	W21MPWTRAXLESHCL	KIT COMPLET FLIP CHIP AMORTISSEUR / CLEVIS META & META POWER	9 N.m	
2	W21MPWTRCLEVIS	CLEVIS META POWER TR ET SX		
3	W21MPWTRAXLERKCL	AXES BASCULEUR / CLEVIS META POWER TR	15 N.m	
4	W21EB3802	ROULEMENT ENDURO BEARINGS 3802 LLU MAX	15 x 24 x 7	
BEARING KIT	W21EBMETAPOWERTR	ROULEMENTS ENDURO BEARINGS META POWER TR	2 x 6804 / 4 x 6800 / 6 x 3802	

Rocker



Index	Ref	Nom		Photo
4	W21EB3802	ROULEMENT ENDURO BEARINGS 3802 LLU MAX	15 x 24 x 7	
6	W21MPWTRAXLERKFT	AXES BASCULEUR / TRIANGLE AVANT META POWER TR	12 N.m	
7	W21MPWTRWASHERRKSS	RONDELLES BASCULEUR / HAUBANS META POWER TR		
8	W21MPWTRAXLERKSS	AXES BASCULEUR / HAUBANS META POWER TR	12 N.m	
9	W21MPWTRROCKER	BASCULEUR META POWER TR		
BEARING KIT	W21EBMETAPOWERTR	ROULEMENTS ENDURO BEARINGS META POWER TR	2 x 6804 / 4 x 6800 / 6 x 3802	