

2019

COMMENCAL META POWER 29 ORIGIN 2019



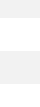
SPECS

FRAME	2019 META POWER, 29 140 mm travel
SYSTEM	SHIMANO E7000
BATTERY	SHIMANO E8010, 504 Wh
DISPLAY	SHIMANO SC-E7000
SWITCH UNIT	SHIMANO E7000
SHOCK	ROCKSHOX DELUXE R, 210 x 55 mm, rebound
FORK	ROCKSHOX YARI RC, 150 mm, 15 mm axle, rebound, boost
HEADSET	ACROS Fiber Z544/Z556, sealed bearings
STEM	RIDE ALPHA, Aluminium 2014, 50 mm, 31.8 mm,  Angle
BAR	RIDE ALPHA, Alloy 7075, double butted, 20 mm rise, 780 mm, 31.8 mm
GRIPS	RIDE ALPHA, DH Grips, ultra soft compound, single clamp
BRAKES	SRAM GUIDE T, 200 mm / 200 mm
SHIFTERS	SRAM NX, 1 x 11 speed
REAR MECH	SRAM NX, 1 x 11 speed
BOTTOM BRACKET	SHIMANO
CRANKSET	SHIMANO E8050, 165 mm, Hollowtech SRAM X-SYNC EAGLE, 34t
CHAINGUIDE	SHIMANO E8000
CHAIN	SRAM NX, 11 speed
CASSETTE	SRAM PG-1130, 11-42, 11 speed
RIMS	E13 LG1+, 32 holes, 30 mm inner width, tubeless ready
HUBS	FORMULA, 32 holes, sealed bearings, E-bike specific
SPOKES	SAPIM STRONG spokes, stainless steel, 2,34 mm
TYRES	MAXXIS HR11, 29x2.50, 3C MAXX TERRA/DD/TR, front MAXXIS AGGRESSOR, 29x2.50, 2C/DD/TR, rear
SEATPOST	KINDSHOCK E-20i-s, 31.6 mm, Southpaw alloy lever, Travel: 100 mm on S, 125 mm on M, 150 mm on L and XL
SADDLE	WTB SL8 RACE, 142 mm width, cromo rails
WEIGHT	22.7 kg
PEDALS INCLUDED	NEW RIDE ALPHA, CNC Alloy body, CrMo axle, sealed bearings
ACCESSORIES	Chainslay protector, seatstay protector, down-tube protector, motor protector. 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.

BATTERY RECYCLING

In partnership with SHIMANO, COMMENCAL supports a voluntary battery recycling program for ebike batteries. For each META POWER sold COMMENCAL will contribute 7€ to fundraising organisation COREPLE. 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.

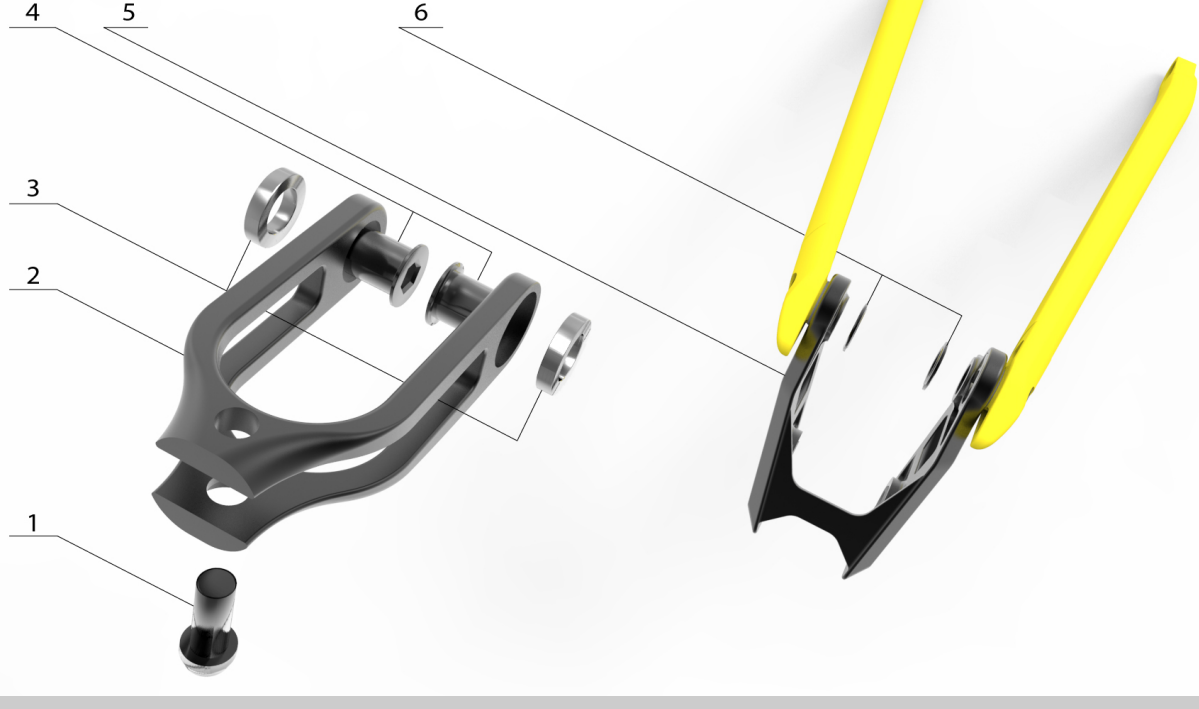
TECH

BIKE TYPE	Full suspension E-bike
FRAME MATERIAL	NEC + ULTRA SL (aluminium 6066 triple butted)
REAR WHEEL TRAVEL	140 mm
SHOCK LENGTH / STROKE	210 x 55 mm
PISTON BACK SHOCK COMPATIBLE	Yes
SHOCK BUSHINGS	20x10 mm / 
RECOMMENDED MAX FORK HEIGHT	945 mm / 871 mm
HEADSET DIMENSION	Tapered
HEADSET TYPE	Z544 / Z556
MAXIMUM TYRE DIMENSION (ETRTO)	71 mm
DISC BRAKE STANDARD	Postmount 160 mm
REAR ROTOR MAX SIZE	200 mm
SEATPOST / SEAT CLAMP DIAMETER	31.6 mm / 34.5 mm
BOTTOM BRACKET TYPE	Press fit BB82
IGDS	Yes (SHIMANO Standard)
FRONT DERAILLEUR TYPE	No
REAR HUB COMPATIBILITY	12 x 148 mm, Male Standard

SPOKE LENGTH

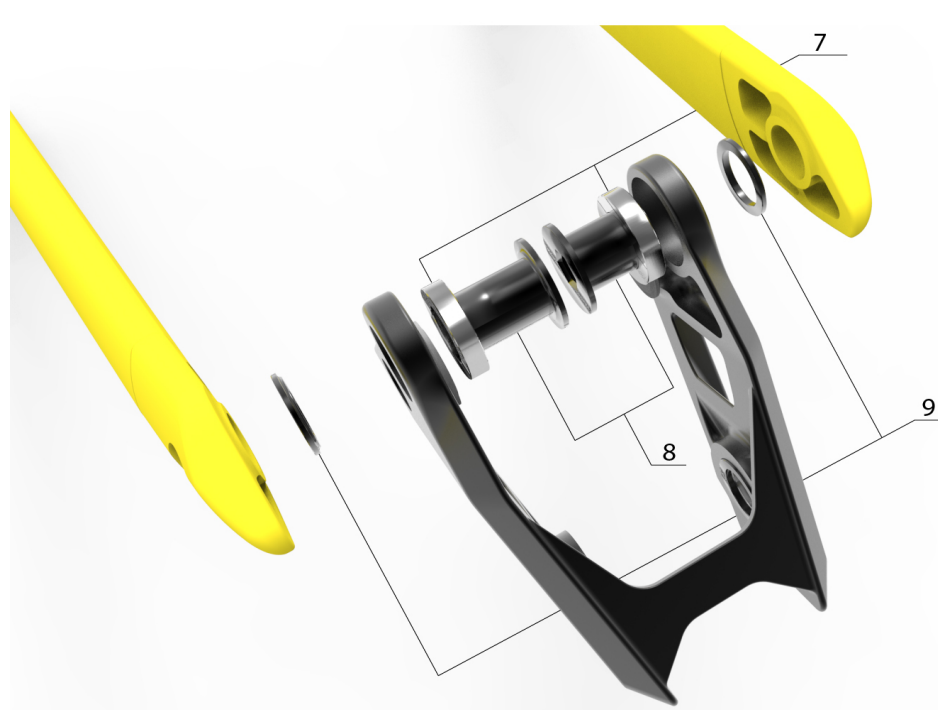
WHEEL	NON DRIVE SIDE / LEFT	DRIVE SIDE / RIGHT
FRONT	293 mm	292 mm
REAR	292 mm	290 mm

Clevis



Index	Ref	Nom		Photo
1	W15AXLESHCL	AXE AMORTISSEUR / PIED AMORTISSEUR META V4 ET V4.2	9 N.m	
2	W18MPWCLEVIS	CLEVIS META POWER		
3	W21EB6802	ROULEMENT ENDOURO BEARINGS 6802 LLU MAX	15 x 24 x 5	
4	W15AXLELICL	AXES BASCULEUR / PIED AMORTISSEUR META V4 ET V4.2	10-15 N.m	
5	W18MPWROCKER	BASCULEUR META POWER / V4.2		
6	W17M42WASHERCKCL	RONDELLES BASCULEUR / PIED AMORTISSEUR META V4 ET V4.2		
BEARING KIT	W21EBMETAPOWER	ROULEMENTS ENDOURO BEARINGS META POWER	2 x 6804 / 4 x 6800 / 2 x 3802 / 2 x 6802 / 2 x 6902	

Rocker 1



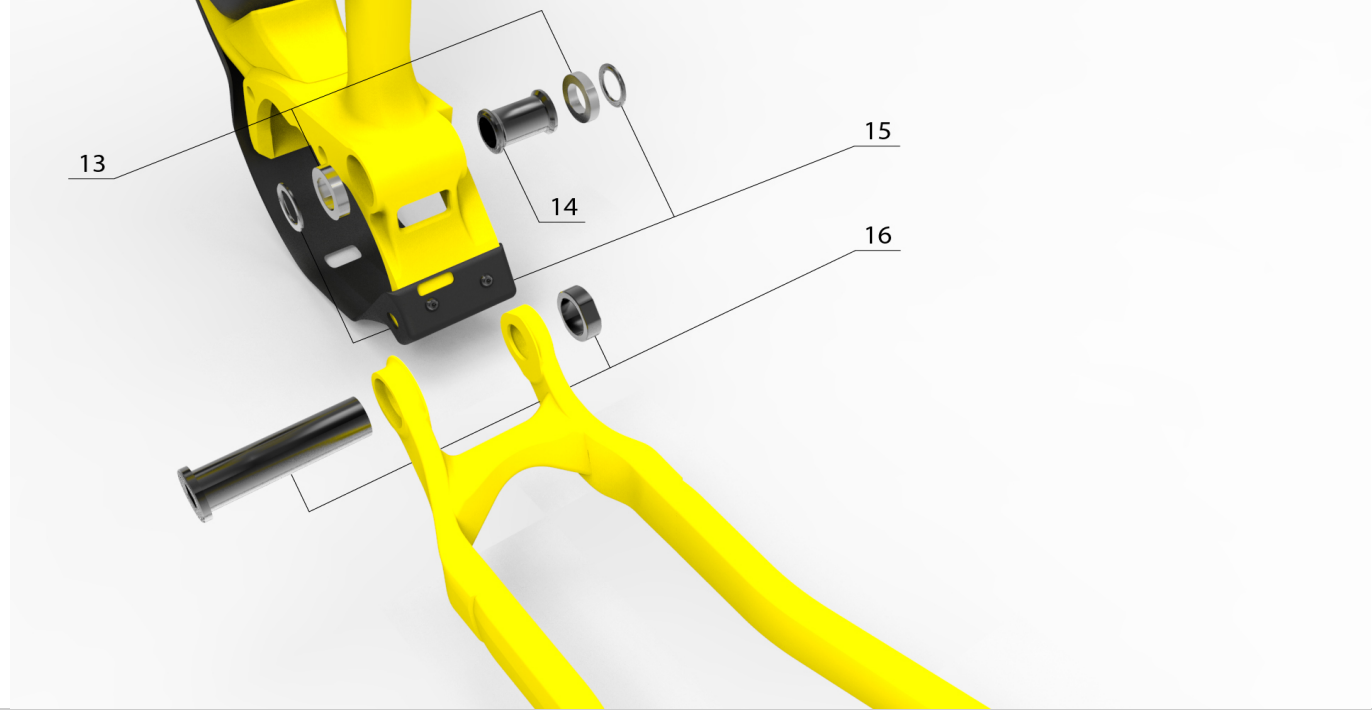
Index	Ref	Nom		Photo
7	W21EB3802	ROULEMENT ENDOURO BEARINGS 3802 LLU MAX	15 x 24 x 7	
8	W15AXLELIST	AXES BASCULEUR / HAUBANS META V4 ET V4.2	10-15 N.m for original Rocker	
9	W17M42WASHERCKSS	RONDELLES BASCULEUR / HAUBANS META V4 ET V4.2		
BEARING KIT	W21EBMETAPOWER	ROULEMENTS ENDOURO BEARINGS META POWER	2 x 6804 / 4 x 6800 / 2 x 3802 / 2 x 6802 / 2 x 6902	

Rocker 2



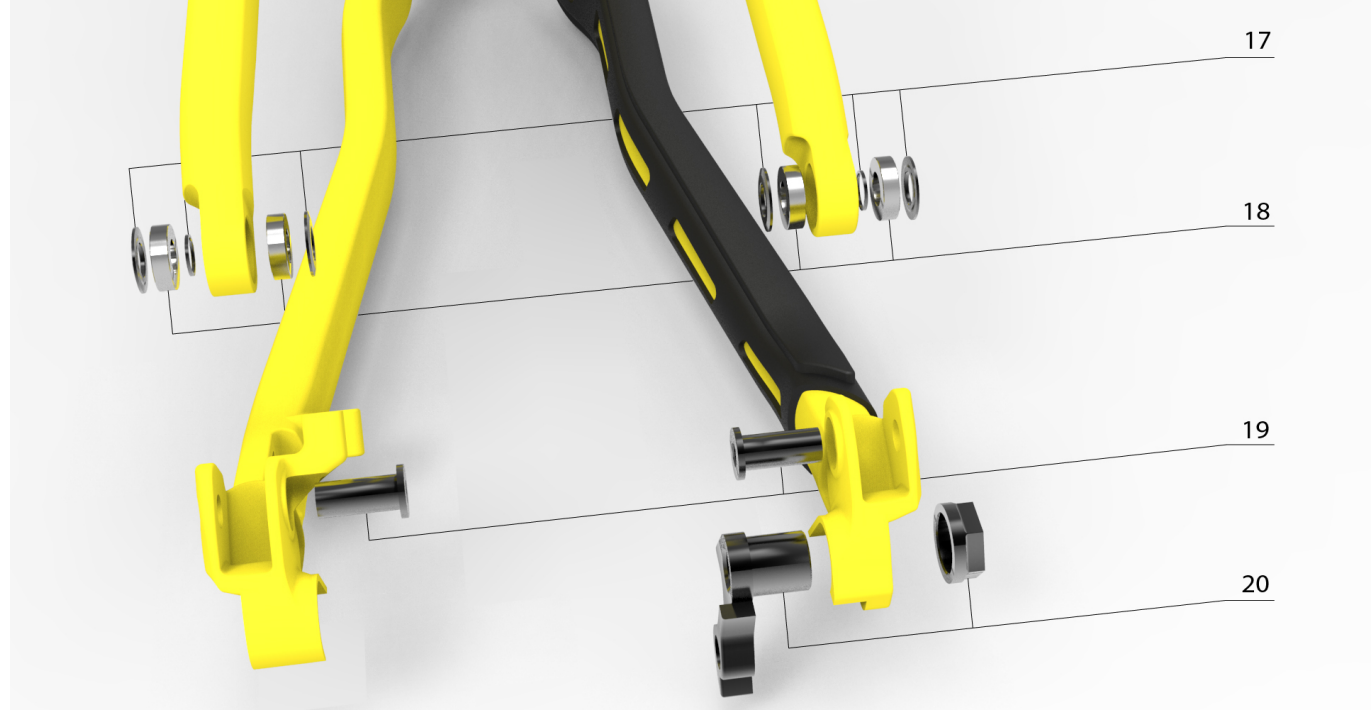
Index	Ref	Nom		Photo
10	W17M42WASHERRCKST	RONDELLES BASCULEUR / TUBE DE SELLE META V4 ET V4.2		
11	W19EB6802	ROULEMENT ENDOURO BEARINGS 6802 LLU MAX	15 x 28 x 7	
12	W17AXLELIFT	AXE BASCULEUR / TRIANGLE AVANT POUR META V4.2	10-15 N.m for original rocker	
BEARING KIT	W21EBMETAPOWER	ROULEMENTS ENDOURO BEARINGS META POWER	2 x 6804 / 4 x 6800 / 2 x 3802 / 2 x 6802 / 2 x 6902	

Main Pivot



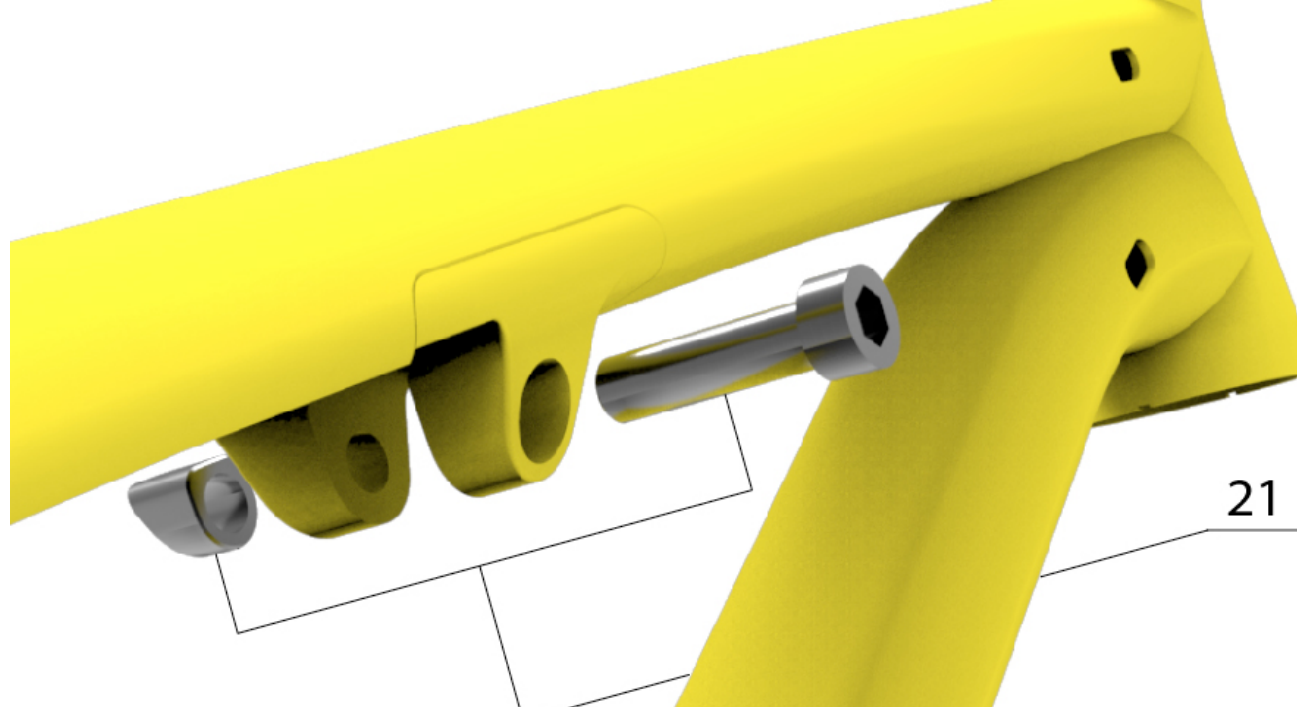
Index	Ref	Nom		Photo
13	W19EB6804	ROULEMENT ENDOURO BEARINGS 6804 LLU MAX	20 x 32 x 7	
14	W18MPWMPSPACER	ENTRETOISE PIVOT PRINCIPAL META POWER		
15	W18MPWWASHERMP	RONDELLES PIVOT PRINCIPAL META POWER		
16	W18MPWAXLEMP	AXE DE PIVOT PRINCIPAL META POWER	30-35 N.m	
BEARING KIT	W21EBMETAPOWER	ROULEMENTS ENDOURO BEARINGS META POWER	2 x 6804 / 4 x 6800 / 2 x 3802 / 2 x 6802 / 2 x 6902	

Chainstays / Seatstays



Index	Ref	Nom		Photo
17	W15WASHSTKIT	RONDELLES BASES / HAUBANS META V4 ET V4.2		
18	W21EB6800	ROULEMENT ENDOURO BEARINGS 6800 LLU MAX	10 x 19 x 5	
19	W15AXLESTCS	AXES BASES / HAUBANS META V4, V4.2 ET META POWER	10-15 N.m	
20	W15RHRMETA	PATTE DE DERAILLEUR META MT / V4.1 / V4.2 / POWER / 29 / SUPREME SX	15 N.m	
BEARING KIT	W21EBMETAPOWER	ROULEMENTS ENDOURO BEARINGS META POWER	2 x 6804 / 4 x 6800 / 2 x 3802 / 2 x 6802 / 2 x 6902	

TopTube



Index	Ref	Nom		Photo
21	W15AXLESHTT	AXE AMORTISSEUR / TRIANGLE AVANT META V4	9-12 N.m	
21	W17M42AXLESHTTINS	INSERT AXE AMORTISSEUR META V4.2		

Protectors



Index	Ref	Nom		Photo
22	W19MPWPTECCS	PROTECTION DE BASE META POWER		
23	W19MPWPTECMT	PROTECTION DE MOTEUR META POWER	5 N.m	
23	W19MPWPTECDT	PROTECTION DE DOWN-TUBE META POWER	3 N.m	