

ROTWILD SPARE PARTS MY17

TOP PERFORMANCE | CONSEQUENTLY ENGINEERED

ROTWILD
► GERMAN CYCLING DEVICE

SPARE PARTS

Overview – Part Kits

Pivot		Main Pivot	Horst Link	Seat Stay - Linkage	Linkage - Frame	Linkage - Shock	Shock Mount
Bike Model/Pos.		1	2	3	4	5	6
R.R2 FS	XCS	00002	00006	00009	00012	00016	00020
R.C1 FS	XCS	00001	00007	00010	00013	00017	00021
R.C+ FS	XCS	00003	00007	00010	00013	00017	00021
R.X1 FS	XCS	00001	00008	00010	00013	00017	00021
R.X2 FS	XCS	00001	00008	00010	00013	00017	00021
R.X+ FS	XCS	00005	00008	00010	00013	00017	00021
R.E1 FS	XMS	00001	00008	00029	00014	00018	00023
R.E+ FS	XMS	00004	00007	00029	00014	00018	00022
R.G1 FS	XMS	00024	00025	00026	00027	00028	00028
R.G+ FS	XLS	00005	00008	00011	00015	00019	00019

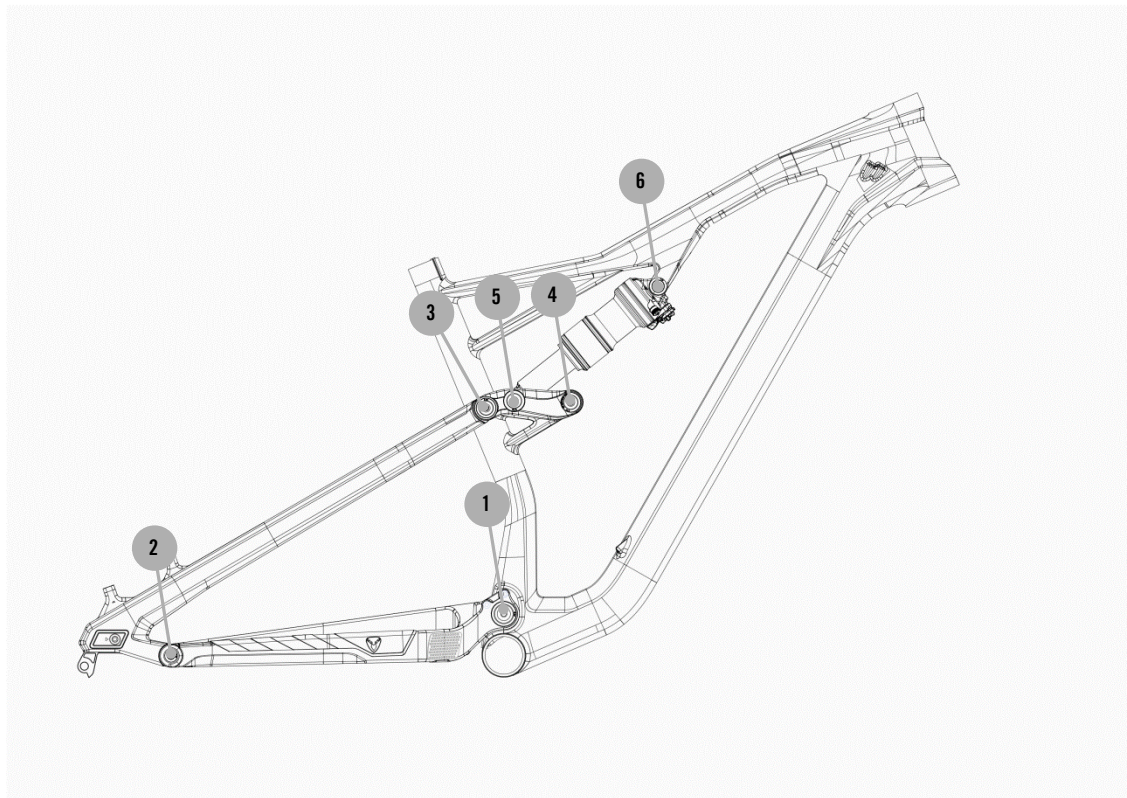
To find your required part kit:

1. choose your suspension system (XCS, XMS, ALS)
2. choose your bike model
3. choose the pivot location (1, 2, 3, 4, 5, 6)
4. pick the right part number from the table

SPARE PARTS

Overview – XCS suspension

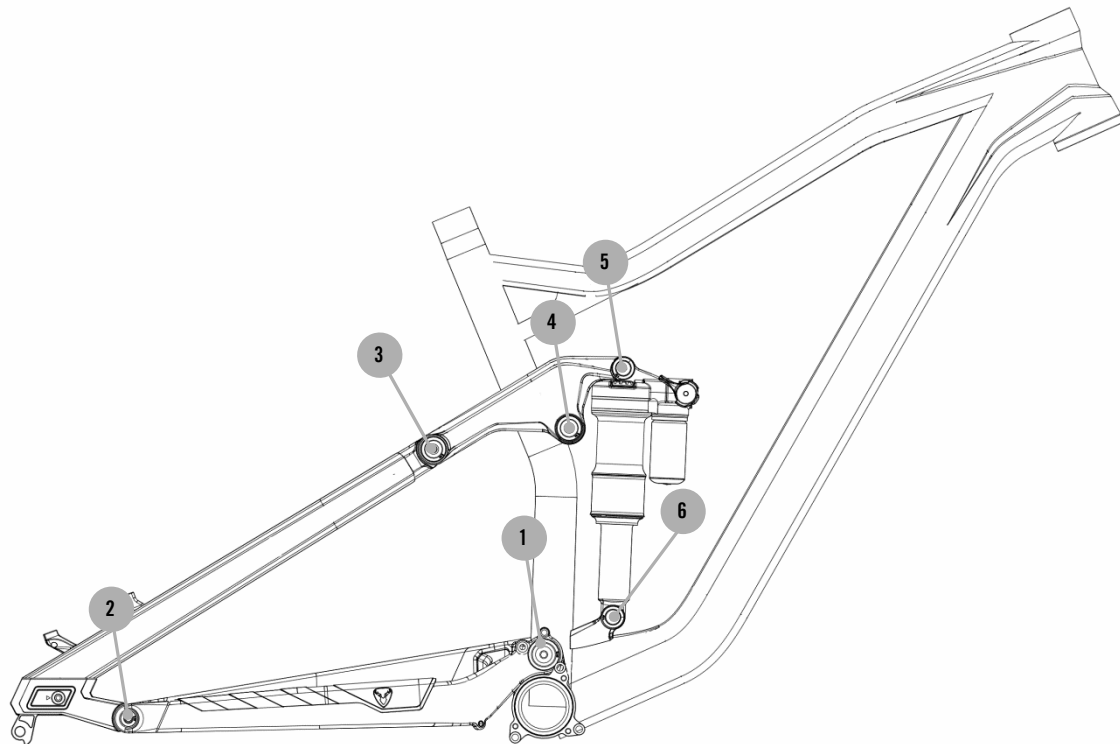
Pos.	Pivot
1	Main Pivot
2	Horst Link
3	Seat Stay- Linkage
4	Linkage - Frame
5	Linkage - Shock
6	Shock Mount



SPARE PARTS

Overview – XMS suspension

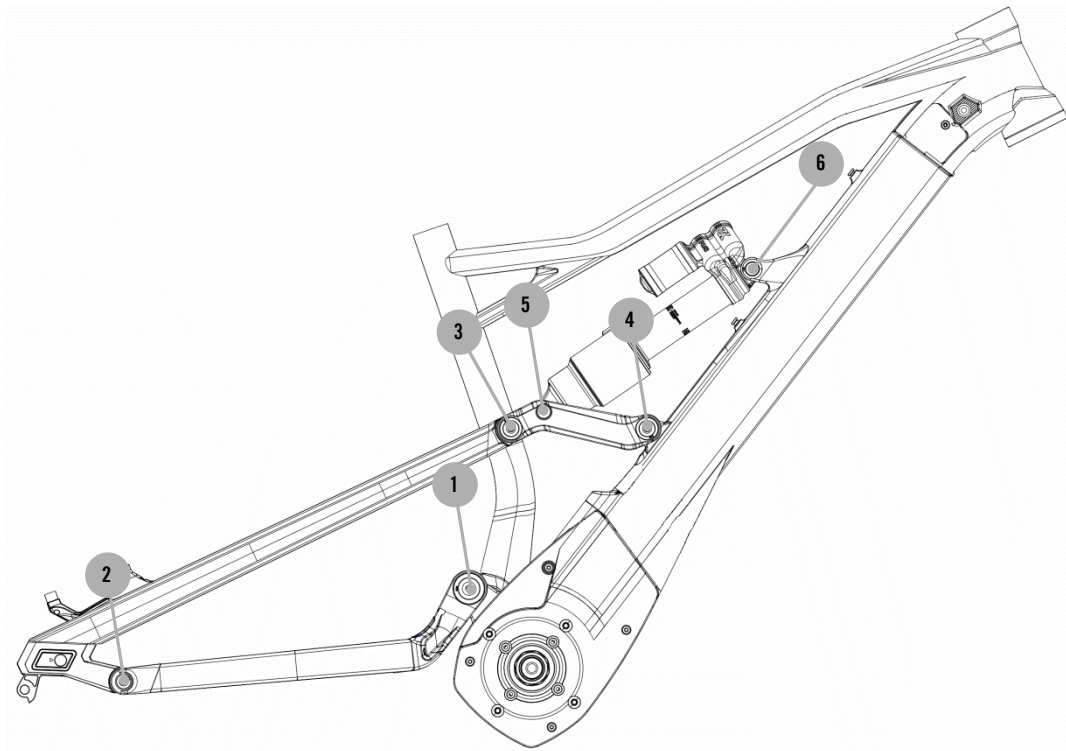
Pos.	Pivot
1	Main Pivot
2	Horst Link
3	Seat Stay- Linkage
4	Linkage - Frame
5	Linkage - Shock
6	Shock Mount



SPARE PARTS

Overview – ALS suspension

Pos.	Pivot
1	Main Pivot
2	Horst Link
3	Seat Stay- Linkage
4	Linkage - Frame
5	Linkage - Shock
6	Shock Mount



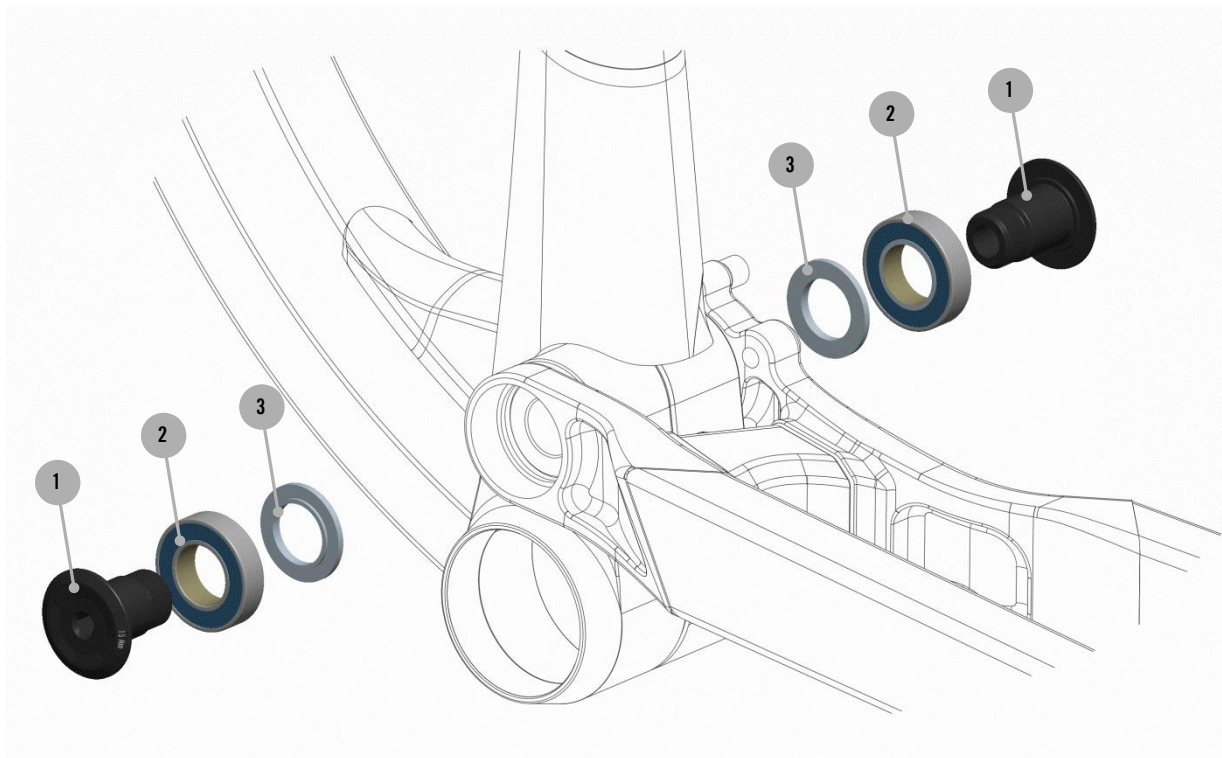
SPARE PARTS

Part Kit #00001

Pos.	1	2	3
Qty	2	2	2
Description	Bolt	Bearing	Spacer
Material	Al	St	St
Color	Black	Silver	Silver
OD [mm]	15	28	24
ID [mm]	-	15	15.2
Width/Length [mm]	23	7	2.5
Tool	Hex5	-	-
Torque [Nm]	15	-	-

Part kit contains assembly parts for left and right side

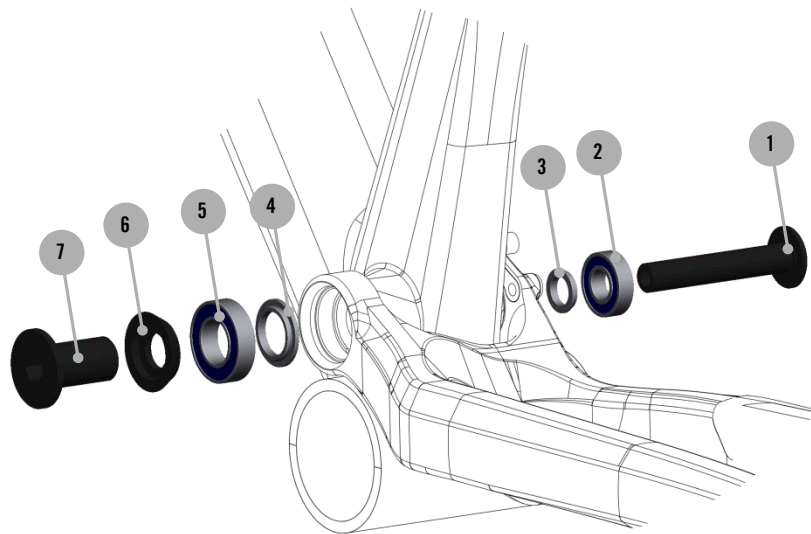
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.



SPARE PARTS

Part Kit #00002

Pos.	1	2	3	4	5	6	7
Qty	1	1	1	1	1	1	1
Description	Bolt	Bearing	Spacer	Spacer	Bearing	Washer	Bolt
Material	Al	St	St	St	St	Al	Al
Color	Black	Silver	Silver	Silver	Silver	Black	Black
OD [mm]	10	22	15	17	24	19.1	12
ID [mm]	-	10	10.1	12.1	12	12.1	M8
Width/Length [mm]	57.5	6	2.8	3	6	6	25
Tool	Hex5	-	-	-	-	-	Hex5
Torque [Nm]	15	-	-	-	-	-	15



Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

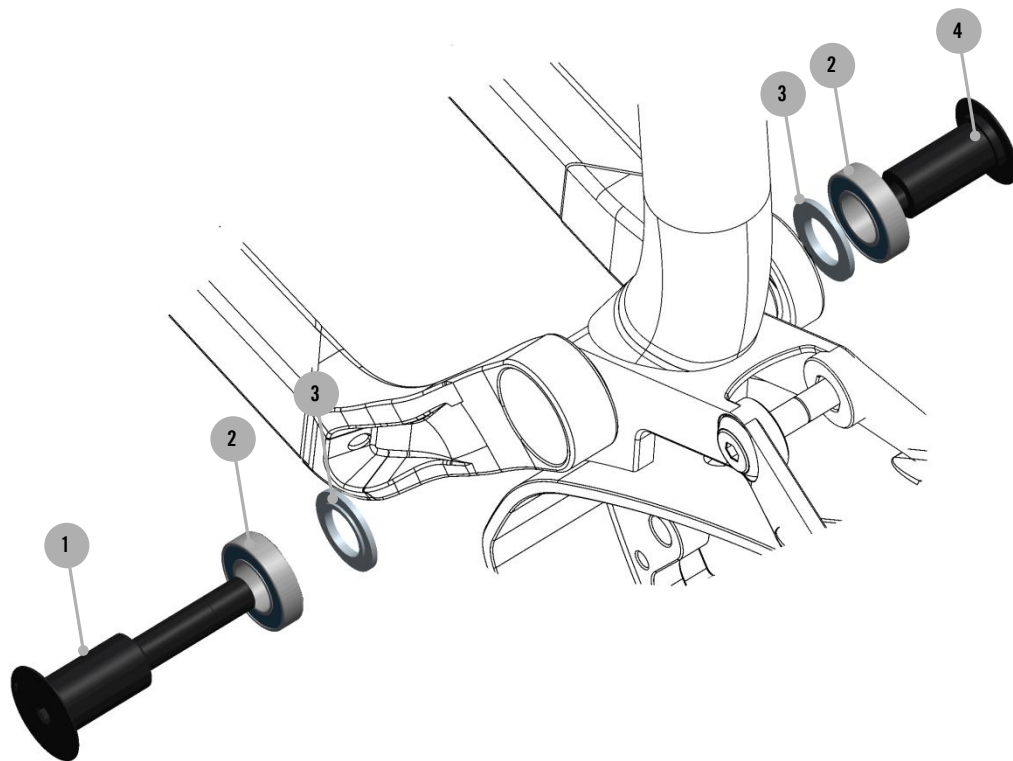
SPARE PARTS

Part Kit #00003

Pos.	1	2	3	4
Qty	1	2	2	1
Description	Bolt	Bearing	Spacer	Bolt
Material	Al	St	St	Al
Color	Black	Silver	Silver	Black
OD [mm]	17	30	24	17
ID [mm]	-	17	17.2	
Width/Length [mm]	69	10	2.5	30.3
Tool	Hex5	-	-	Hex5
Torque [Nm]	15	-	-	15

Part kit contains assembly parts for left and right side

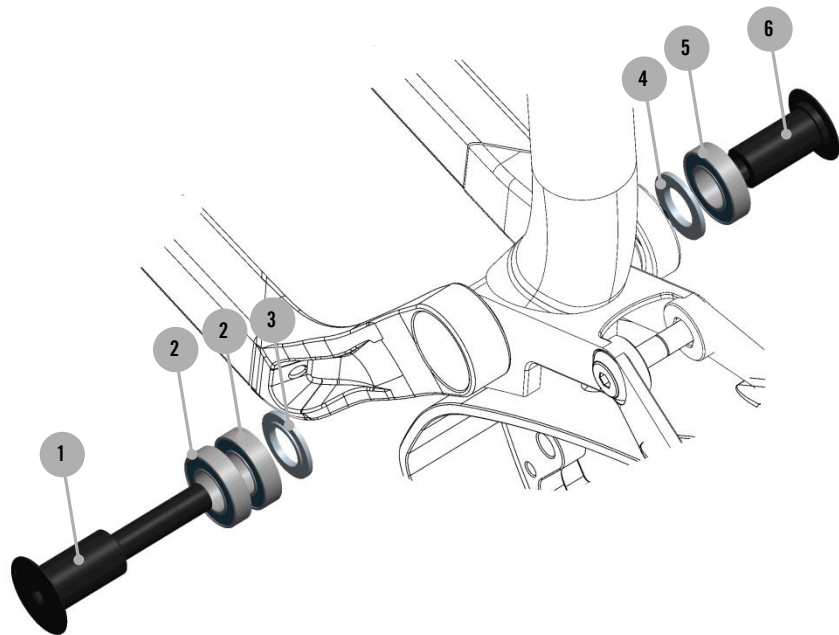
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.



SPARE PARTS

Part Kit #00004

Pos.	1	2	3	4	5	6
Qty	1	2	1	1	1	1
Description	Bolt	Bearing	Spacer	Spacer	Bearing	Bolt
Material	Al	St	St	St	St	Al
Color	Black	Silver	Silver	Silver	Silver	Black
OD [mm]	17	30	23	23	28	15
ID [mm]	-	17	17.1	15.1	15	-
Width/Length [mm]	69	7	3	3	7	28
Tool	Hex5	-	-	-	-	Hex5
Torque [Nm]	15	-	-	-	-	15

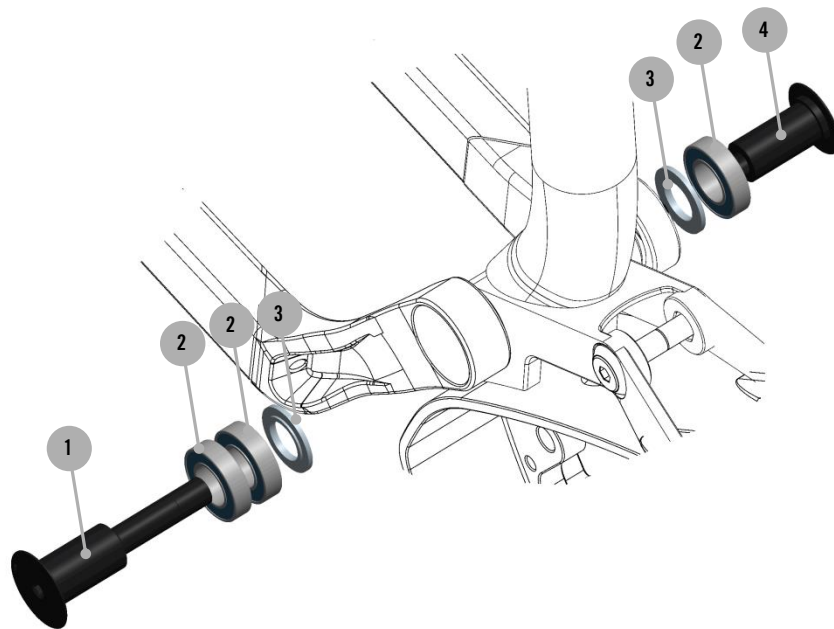


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00005

Pos.	1	2	3	4
Qty	1	3	2	1
Description	Bolt	Bearing	Spacer	Bolt
Material	Al	St	St	Al
Color	Black	Silver	Silver	Black
OD [mm]	15	28	24	15
ID [mm]	-	15	15.2	-
Width/Length [mm]	73	7	2.5	28
Tool	Hex5	-	-	Hex5
Torque [Nm]	15	-	-	15



Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

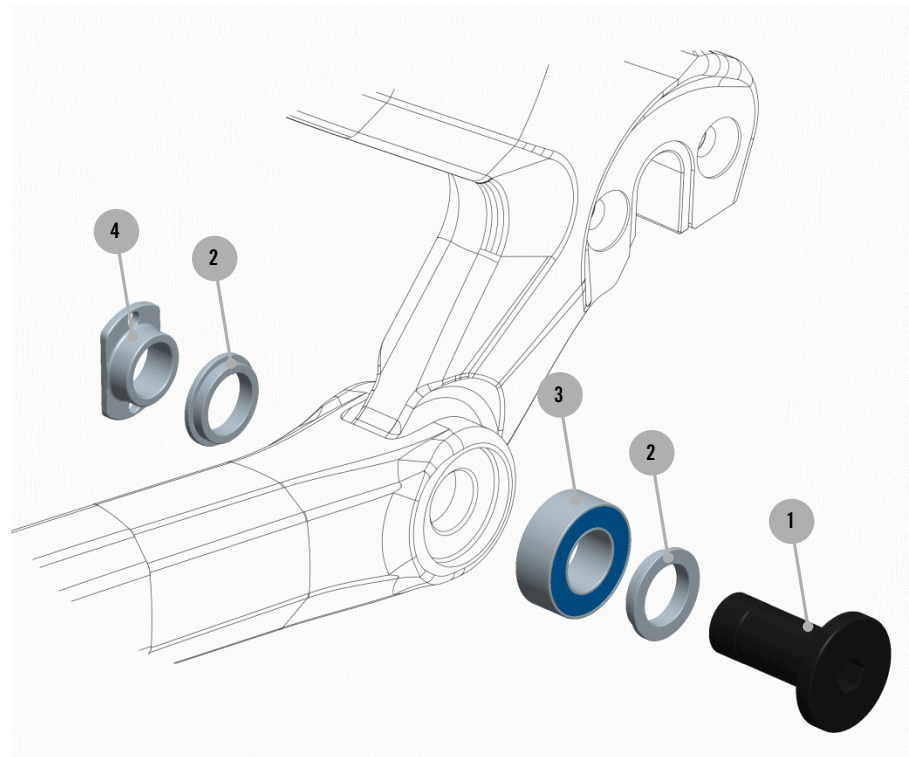
SPARE PARTS

Part Kit #00006

Pos.	1	2	3	4
Qty	2	4	2	2
Description	Bolt	Spacer	Bearing	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	15.1	19	12
ID [mm]	-	10.1	10	10
Width/Length [mm]	22.2	2.5	7	5.5
Tool	Hex5	-	-	-
Torque [Nm]	8	-	-	-

Part kit contains assembly parts for left and right side

Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.



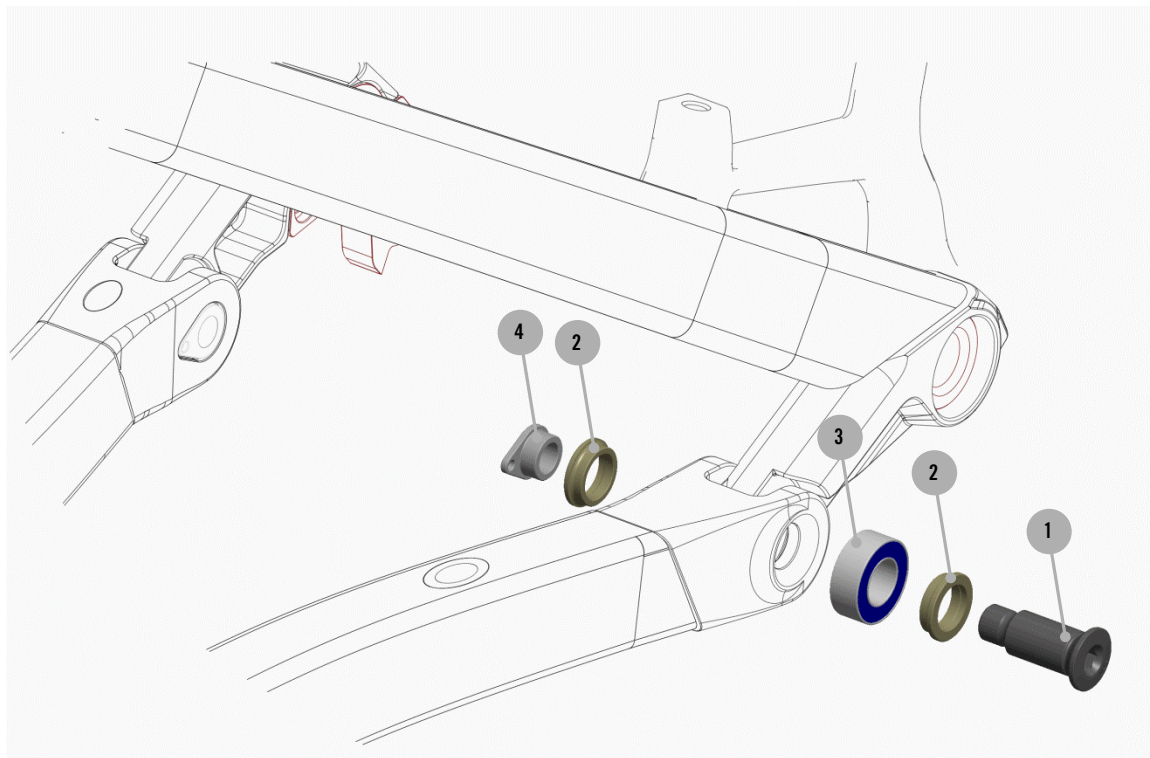
SPARE PARTS

Part Kit #00007

Pos.	1	2	3	4
Qty	2	4	2	2
Description	Bolt	Spacer	Bearing	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	15	19	10
ID [mm]	-	10.2	10	8
Width/Length [mm]	27.5	4	7	5.5
Tool	Hex5	-	-	-
Torque [Nm]	8	-	-	-

Part kit contains assembly parts for left and right side

Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

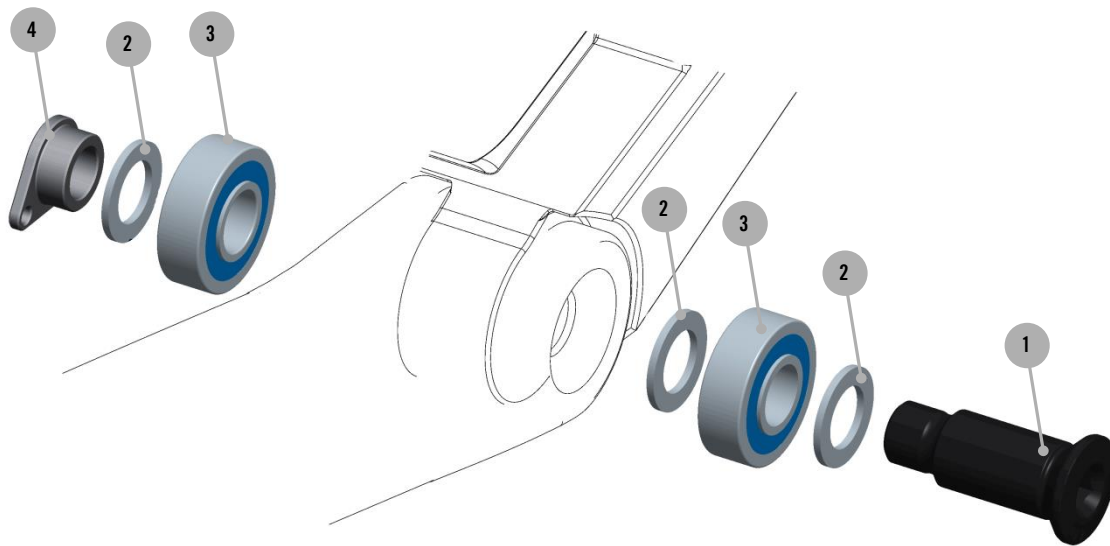


SPARE PARTS

Part Kit #00008

Pos.	1	2	3	4
Qty	2	6	4	2
Description	Bolt	Spacer	Bearing	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	8	13	19	10
ID [mm]	-	8.2	8	8
Width/Length [mm]	22.5	1	6	5.5
Tool	Hex4	-	-	-
Torque [Nm]	8	-	-	-

Part kit contains assembly parts for left and right side



Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

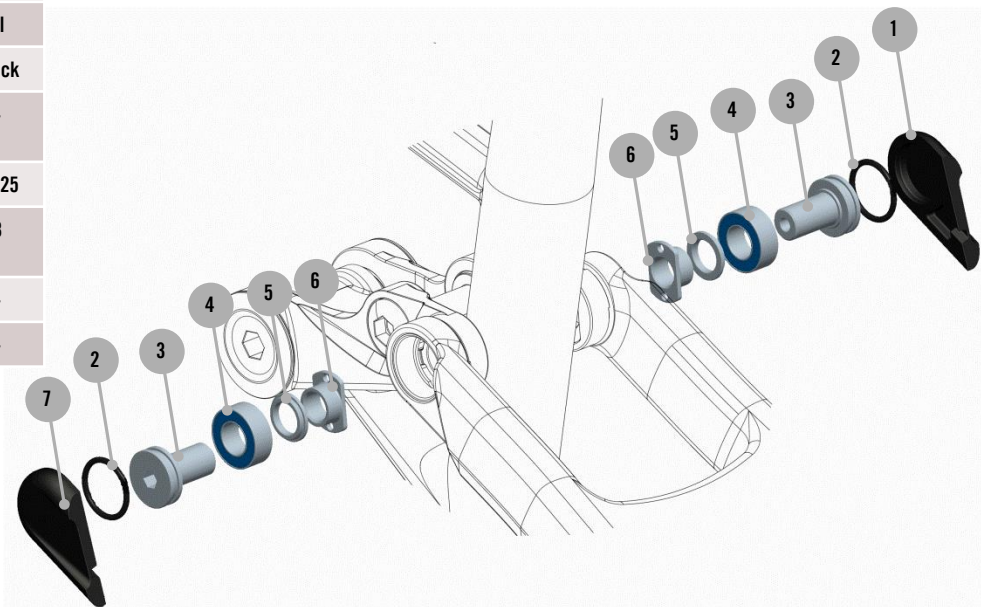
SPARE PARTS

Part Kit #00009

Pos.	1	2	3	4	5	6	7
Qty	2	2	2	2	2	2	1
Description	Bolt Cap	O-Ring	Bolt	Bearing	Spacer	Thread Inlay	Bolt Cap
Material	Al	Ru	Al	St	St	St	Al
Color	Black	Black	Black	Silver	Silver	Silver	Black
OD [mm]	-	17	10	19	15.1	12	-
ID [mm]	18.25	-	-	10	10.1	10	18.25
Width/Length [mm]	8	1.6	16.75	7	2.5	5.5	8
Tool	-	-	Hex5	-	-	-	-
Torque [Nm]	-	-	10	-	-	-	-

Part kit contains assembly parts for left and right side

Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.



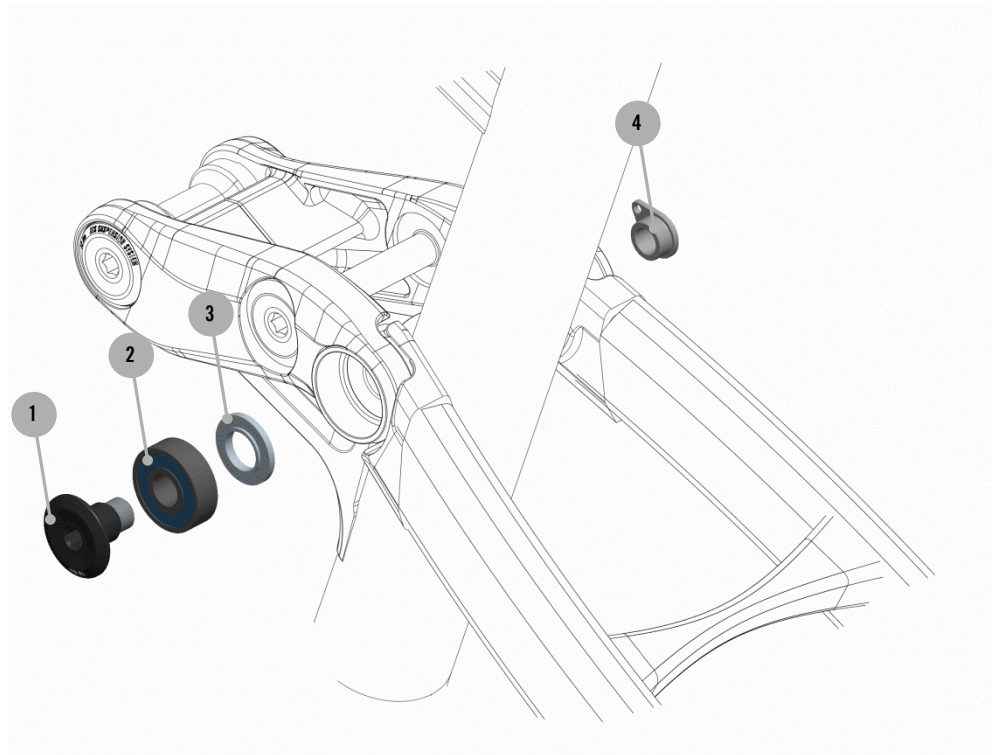
SPARE PARTS

Part Kit #00010

Pos.	1	2	3	4
Qty	2	2	2	2
Description	Bolt	Bearing	Spacer	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	22	18	10
ID [mm]	-	10	10.2	8
Width/Length [mm]	15.5	6	2.5	5.5
Tool	Hex5	-	-	-
Torque [Nm]	10	-	-	-

Part kit contains assembly parts for left and right side

Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

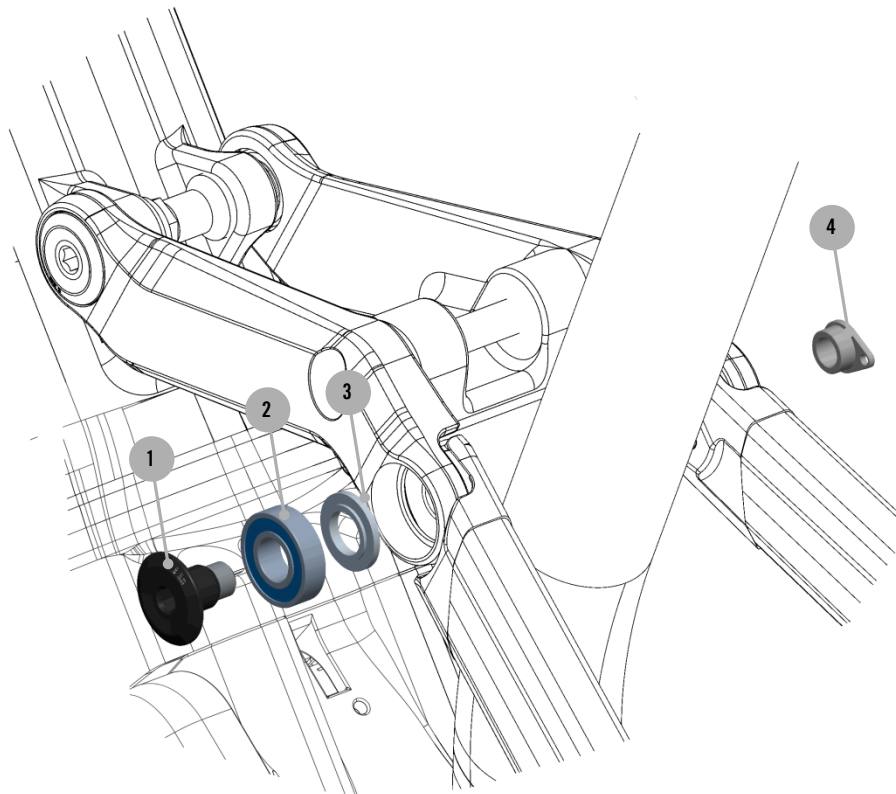


SPARE PARTS

Part Kit #00011

Pos.	1	2	3	4
Qty	2	2	2	2
Description	Bolt	Bearing	Spacer	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	22	18	10
ID [mm]	-	10	10.2	8
Width/Length [mm]	15	6	2.5	5.5
Tool	Hex5	-	-	-
Torque [Nm]	8	-	-	-

Part kit contains assembly parts for left and right side

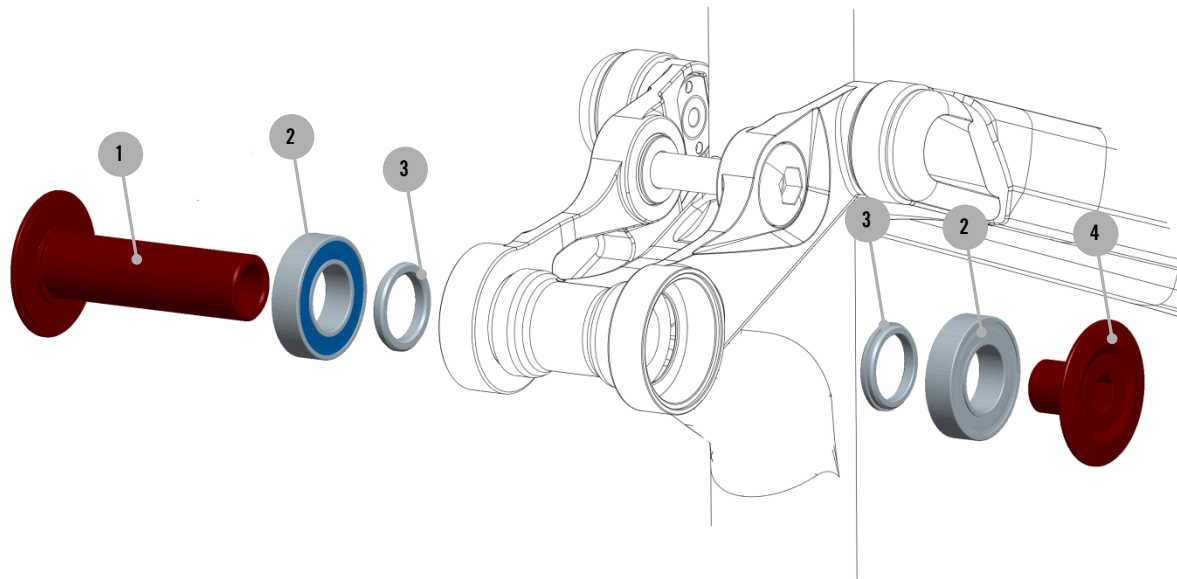


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00012

Pos.	1	2	3	4
Qty	1	2	2	1
Description	Bolt	Bearing	Spacer	Bolt
Material	Al	St	St	Al
Color	Red	Silver	Silver	Red
OD [mm]	15	28	20	12
ID [mm]	-	15	15.1	-
Width/Length [mm]	51.25	7	3	14
Tool	Hex8	-	-	Hex6
Torque [Nm]	8	-	-	8

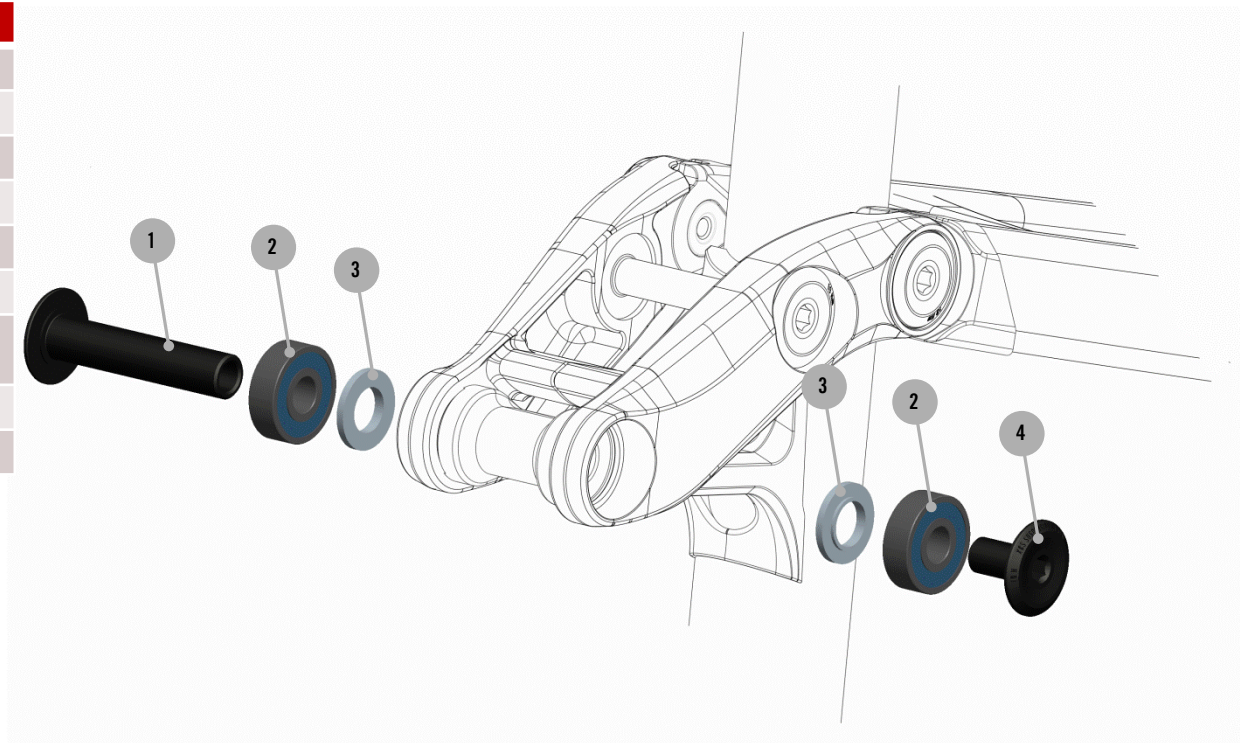


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00013

Pos.	1	2	3	4
Qty	1	2	2	1
Description	Bolt	Bearing	Spacer	Bolt
Material	Al	St	St	Al
Color	Black	Silver	Silver	Black
OD [mm]	10	22	18	8
ID [mm]	-	10	10.2	-
Width/Length [mm]	47.8	6	2.5	15.3
Tool	Hex6	-	-	Hex4
Torque [Nm]	10	-	-	10



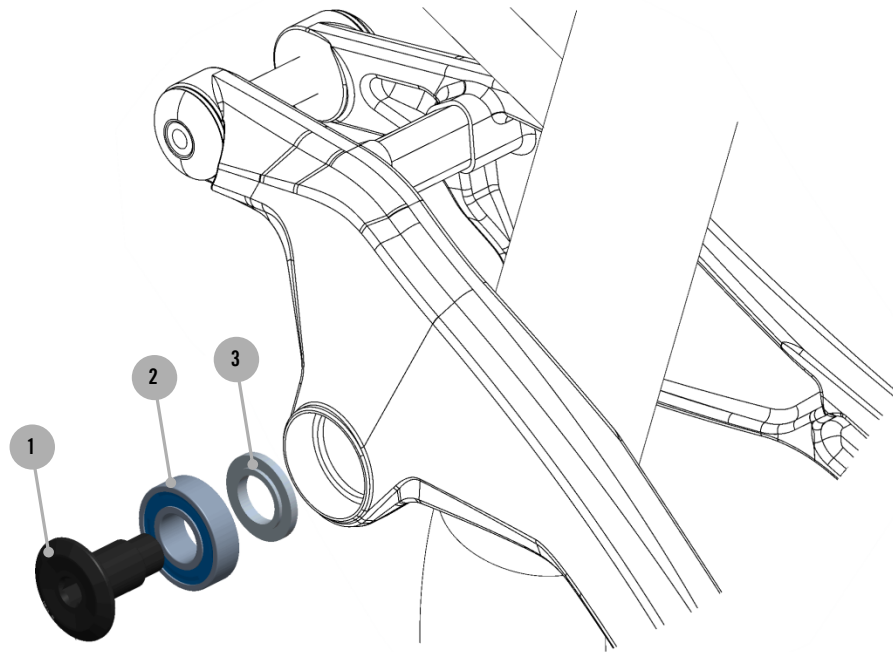
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00014

Pos.	1	2	3
Qty	2	2	2
Description	Bolt	Bearing	Spacer
Material	Al	St	St
Color	Black	Silver	Silver
OD [mm]	10	22	18
ID [mm]	-	10	10.2
Width/Length [mm]	23.5	6	2.5
Tool	Hex5	-	-
Torque [Nm]	8	-	-

Part kit contains assembly parts for left and right side



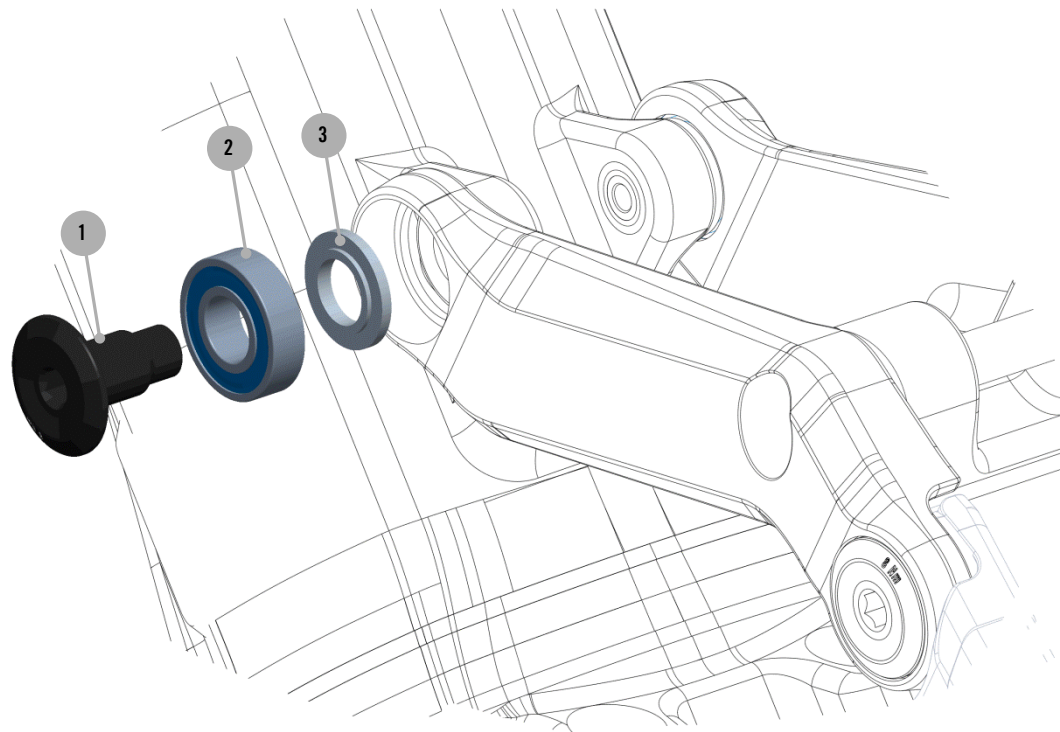
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00015

Pos.	1	2	3
Qty	2	2	2
Description	Bolt	Bearing	Spacer
Material	St	St	St
Color	Black	Silver	Silver
OD [mm]	10	22	18
ID [mm]	-	10	10.2
Width/Length [mm]	19	6	2.5
Tool	Hex5	-	-
Torque [Nm]	8	-	-

Part kit contains assembly parts for left and right side

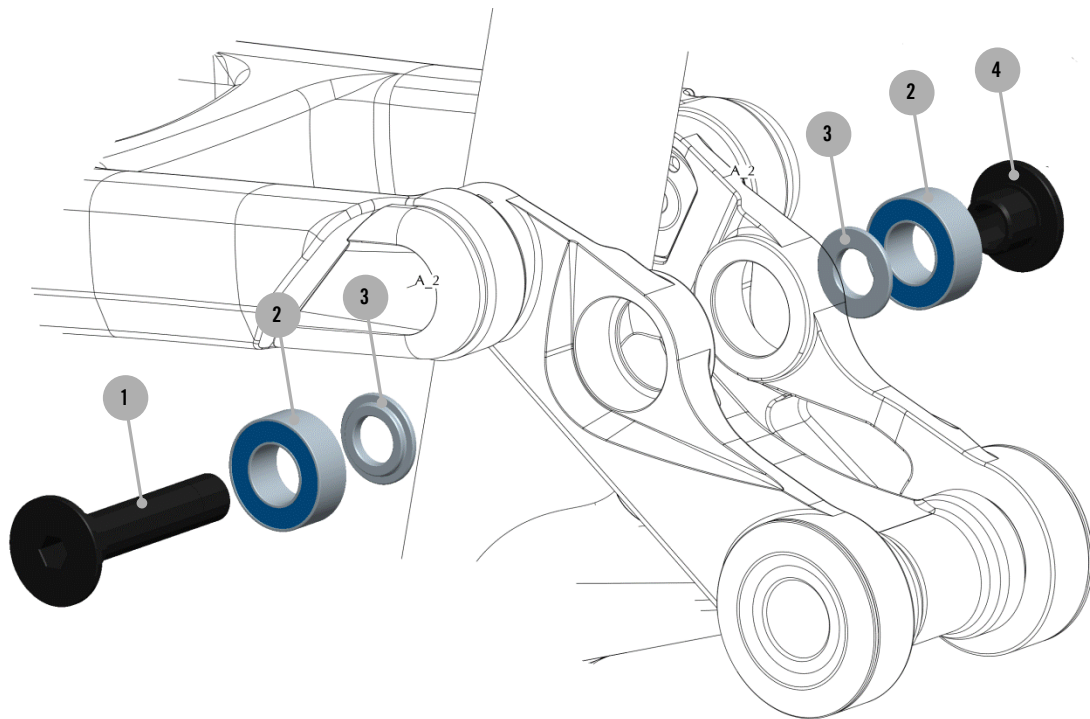


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00016

Pos.	1	2	3	4
Qty	1	2	2	1
Description	Bolt	Bearing	Spacer	Bolt
Material	St	St	St	Al
Color	Black	Silver	Silver	Black
OD [mm]	8	19	15.2	10
ID [mm]	-	10	8.1	-
Width/Length [mm]	39.5	7	2	6.5
Tool	Hex5	-	-	Hex6
Torque [Nm]	10	-	-	10

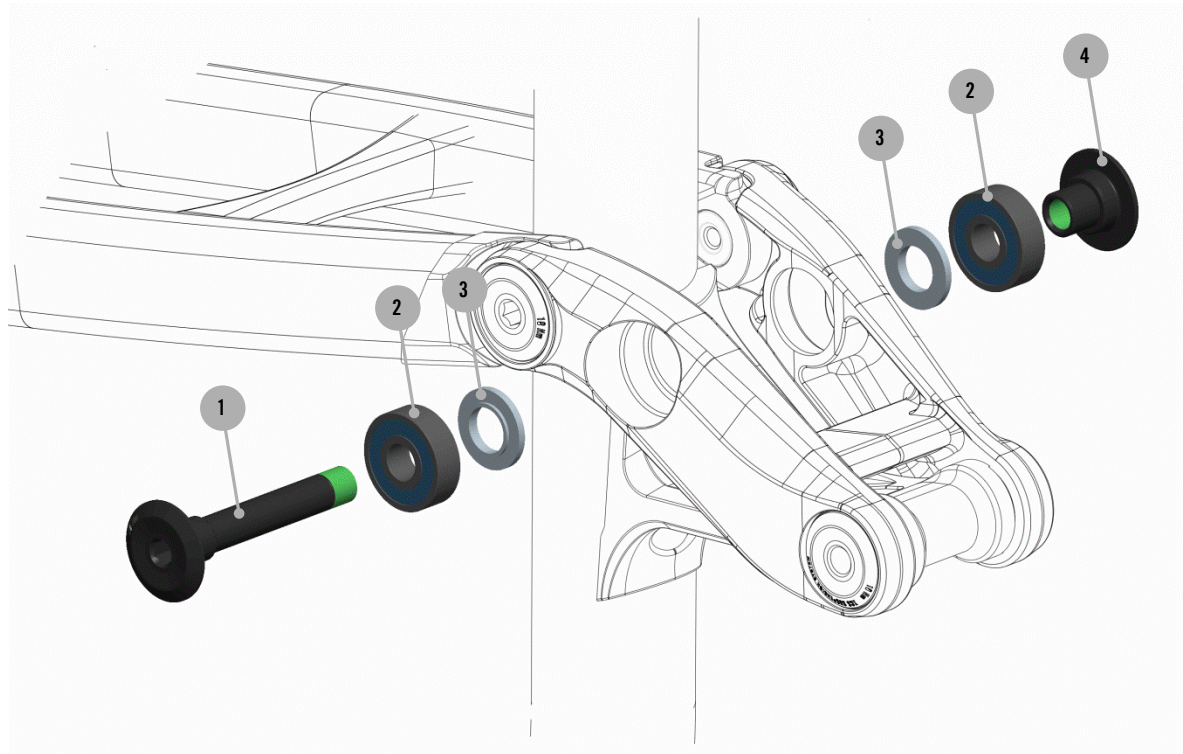


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00017

Pos.	1	2	3	4
Qty	1	2	2	1
Description	Bolt	Bearing	Spacer	Bolt
Material	St	St	St	St
Color	Black	Silver	Silver	Black
OD [mm]	8	22	18	10
ID [mm]	-	10	10.2	-
Width/Length [mm]	54.8	6	2.5	12.1
Tool	Hex5	-	-	Hex5
Torque [Nm]	10	-	-	10

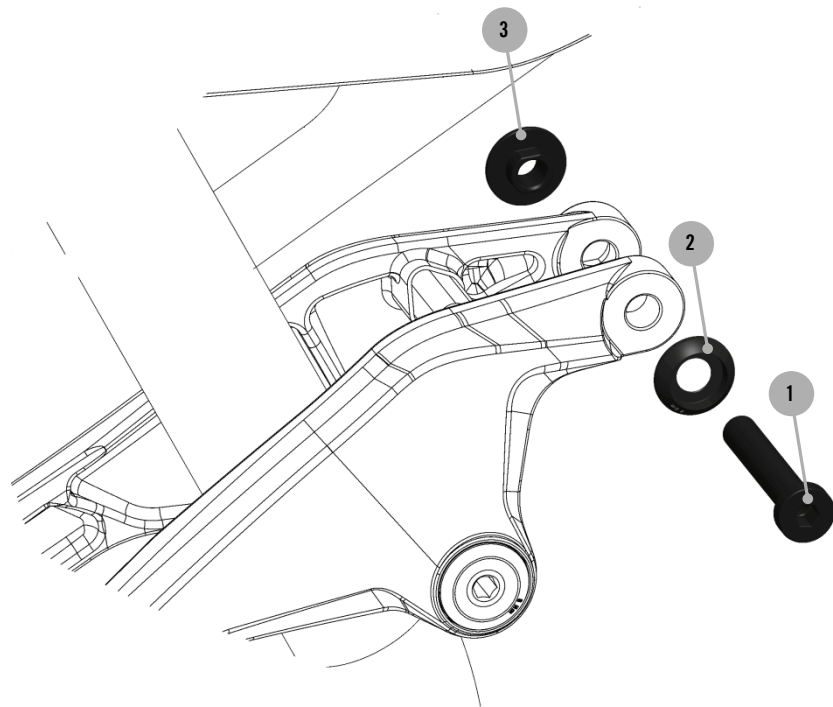


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00018

Pos.	1	2	3
Qty	1	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Black	Black	Black
OD [mm]	8	19	12
ID [mm]	-	8.2	M8
Width/Length [mm]	45.3	4.53	3.8
Tool	Hex5	-	-
Torque [Nm]	10	-	-



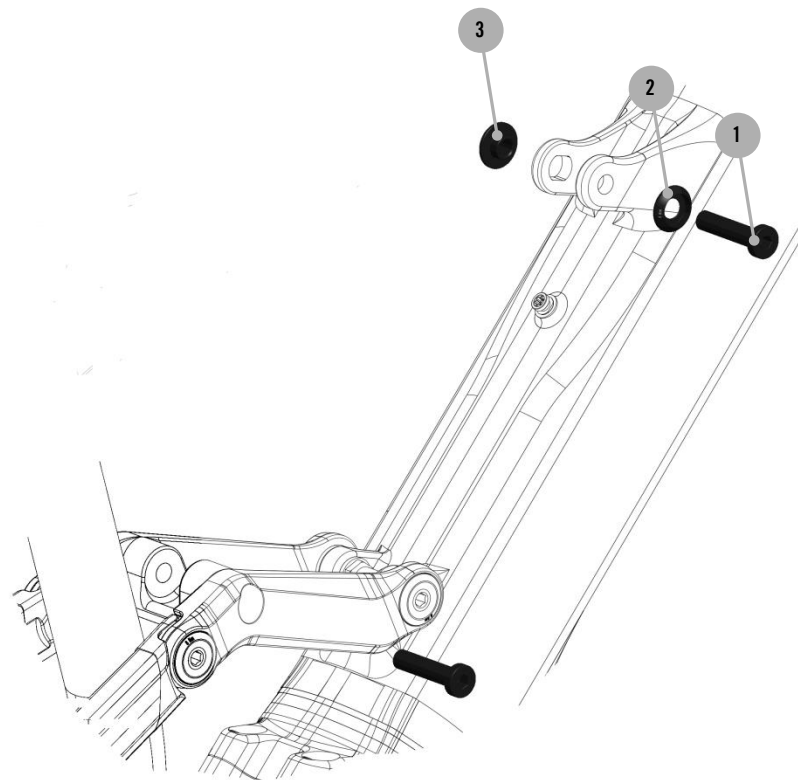
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00019

Pos.	1	2	3
Qty	2	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Black	Black	Black
OD [mm]	8	19	12
ID [mm]	-	8.2	8
Width/Length [mm]	38	4.5	3.75
Tool	Hex5	-	-
Torque [Nm]	10	-	-

Part kit contains all parts for pivot location 5 and 6

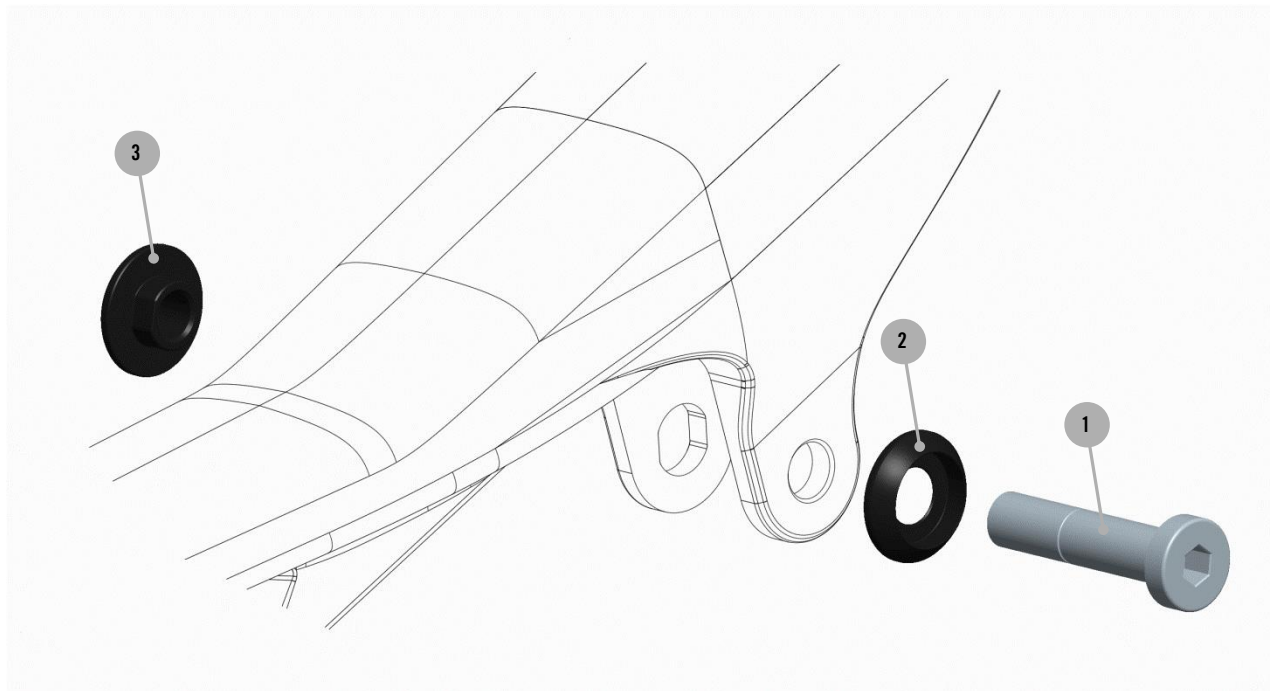


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00020

Pos.	1	2	3
Qty	1	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Silver	Black	Black
OD [mm]	8	19	12
ID [mm]	-	8.2	M8
Width/Length [mm]	35	4.53	3.8
Tool	Hex5	-	-
Torque [Nm]	10	-	-

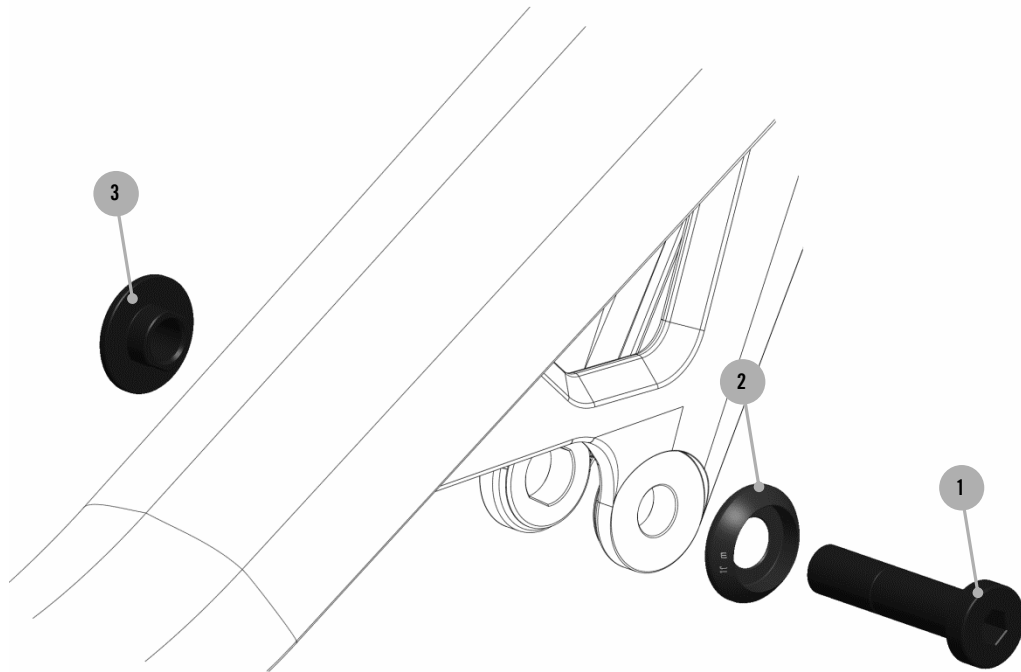


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00021

Pos.	1	2	3
Qty	1	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Black	Black	Black
OD [mm]	8	19	12
ID [mm]	-	8.2	M8
Width/Length [mm]	35	4.53	3.8
Tool	Hex5	-	-
Torque [Nm]	10	-	-

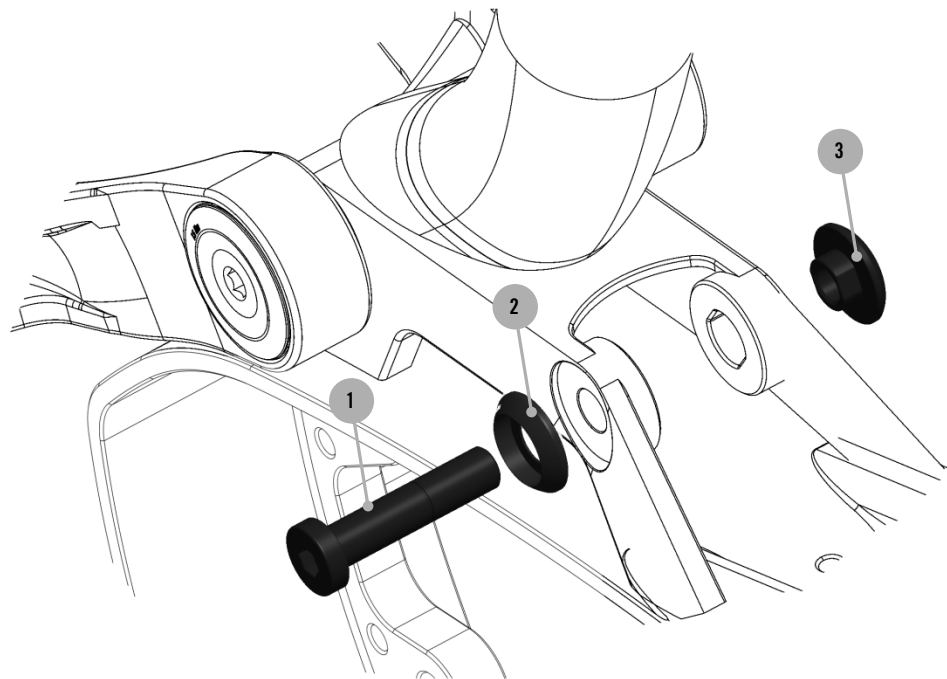


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00022

Pos.	1	2	3
Qty	1	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Black	Black	Black
OD [mm]	8	19	12
ID [mm]	-	8.2	M8
Width/Length [mm]	40	4.53	3.8
Tool	Hex5	-	-
Torque [Nm]	10	-	-

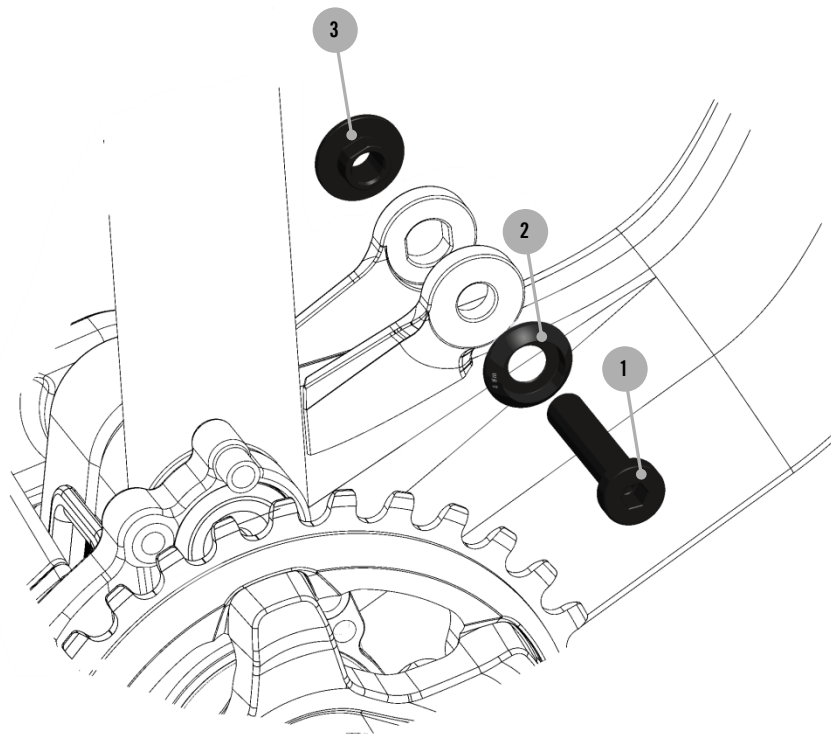


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00023

Pos.	1	2	3
Qty	1	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Black	Black	Black
OD [mm]	8	19	12
ID [mm]	-	8.2	M8
Width/Length [mm]	38	4.53	3.8
Tool	Hex5	-	-
Torque [Nm]	10	-	-

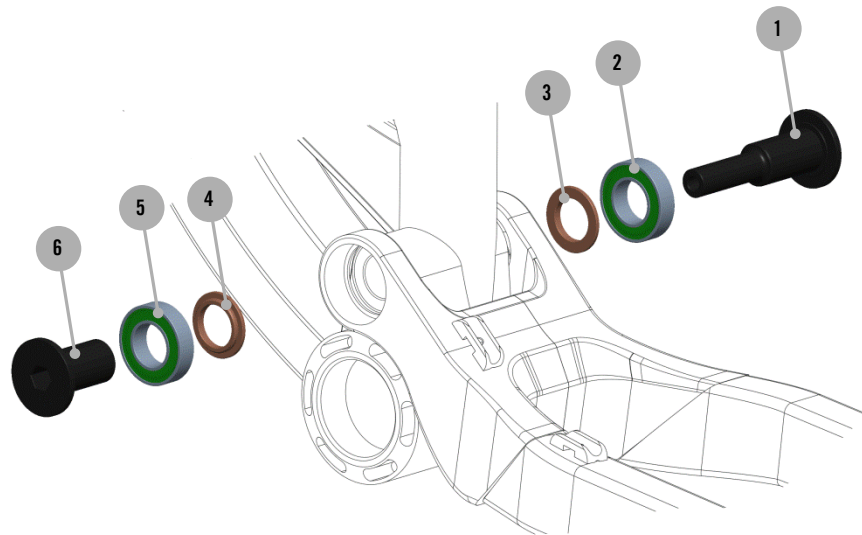


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00024

Pos.	1	2	3	4	5	6
Qty	1	1	1	1	1	1
Description	Bolt	Bearing	Spacer	Spacer	Bearing	Washer
Material	Al	St	St	St	St	Al
Color	Black	Silver	Silver	Silver	Silver	Black
OD [mm]	15	28	23	23	28	15
ID [mm]	M10	15	15.1	15.1	15	M10
Width/Length [mm]	57.5	7	4.5	3	7	27
Tool	Hex8	-	-	-		Hex8
Torque [Nm]	15	--	--	--	-	15



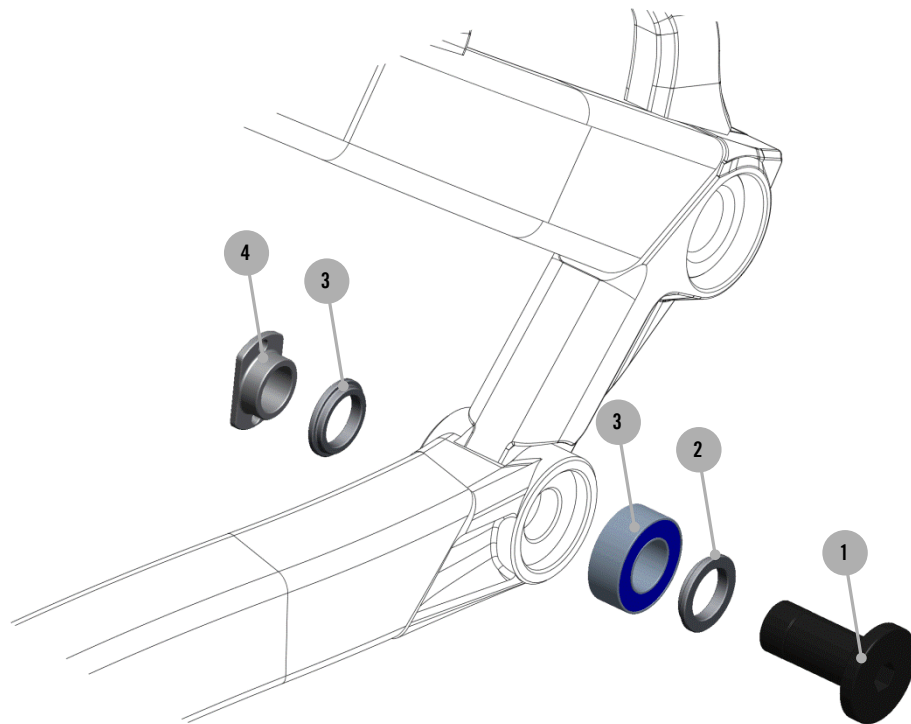
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00025

Pos.	1	2	3	4
Qty	2	4	2	2
Description	Bolt	Spacer	Bearing	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	15	19	12
ID [mm]	M10	10.1	10	M10
Width/Length [mm]	22.4	2.5	7	5.5
Tool	Hex5	-	-	-
Torque [Nm]	8	-	-	-

Part kit contains assembly parts for left and right side



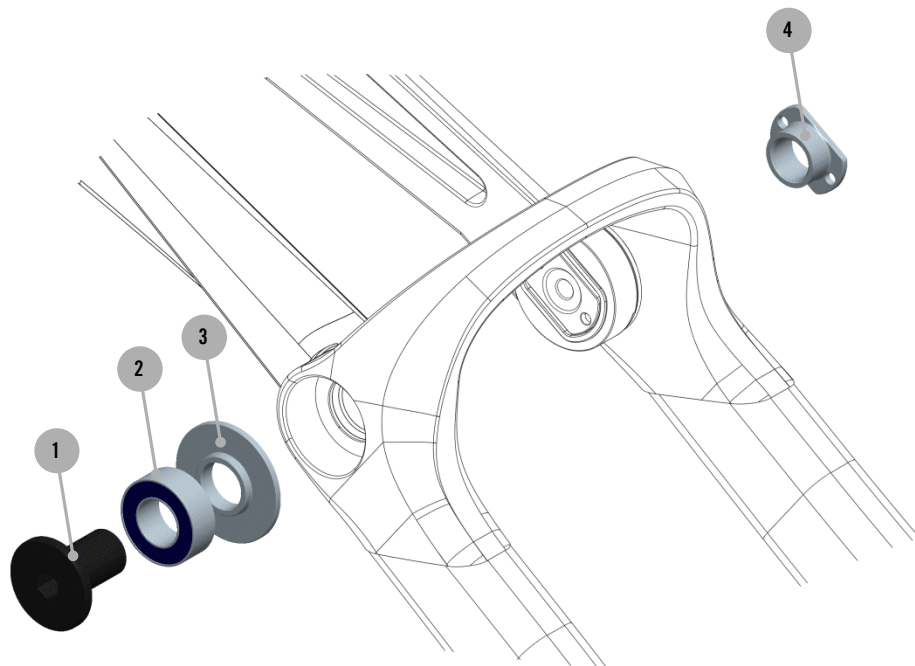
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00026

Pos.	1	2	3	4
Qty	2	2	2	2
Description	Bolt	Bearing	Spacer	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	19	26	12
ID [mm]	M10	10	10.1	M10
Width/Length [mm]	17.3	7	3.7	7
Tool	Hex5	-	-	-
Torque [Nm]	10	-	-	-

Part kit contains assembly parts for left and right side



Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

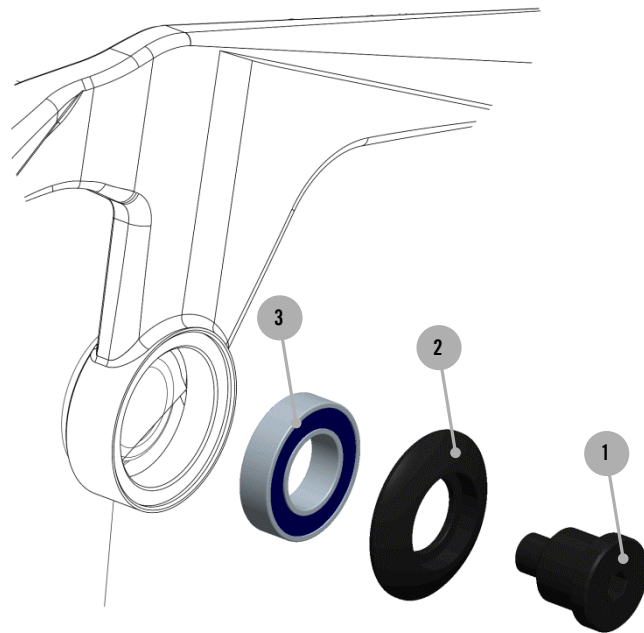
SPARE PARTS

Part Kit #00027

Pos.	1	2	3
Qty	2	2	2
Description	Bolt	Bolt Cap	Bearing
Material	St	Al	St
Color	Black	Black	Silver
OD [mm]	15	34	28
ID [mm]	M8	15	15
Width/Length [mm]	18	5.5	7
Tool	Hex5	-	-
Torque [Nm]	10	-	-

Part kit contains assembly parts for left and right side

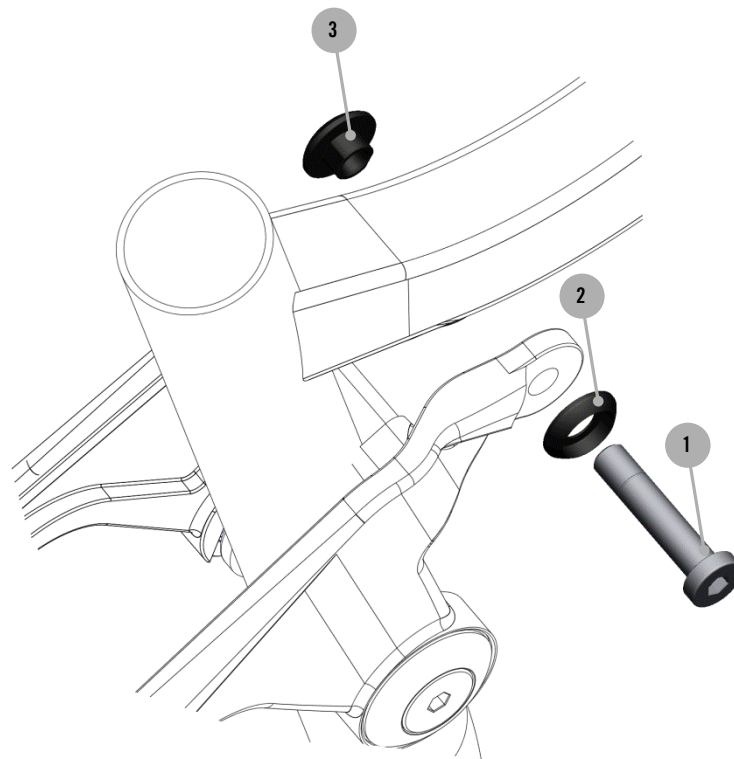
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.



SPARE PARTS

Part Kit #00028

Pos.	1	2	3
Qty	1	1	1
Description	Bolt	Bolt Cap	Nut
Material	St	Al	Al
Color	Silver	Black	Black
OD [mm]	8	19	12
ID [mm]	M8	8.1	M8
Width/Length [mm]	40	4.53	3.8
Tool	Hex5	-	-
Torque [Nm]	10	-	-



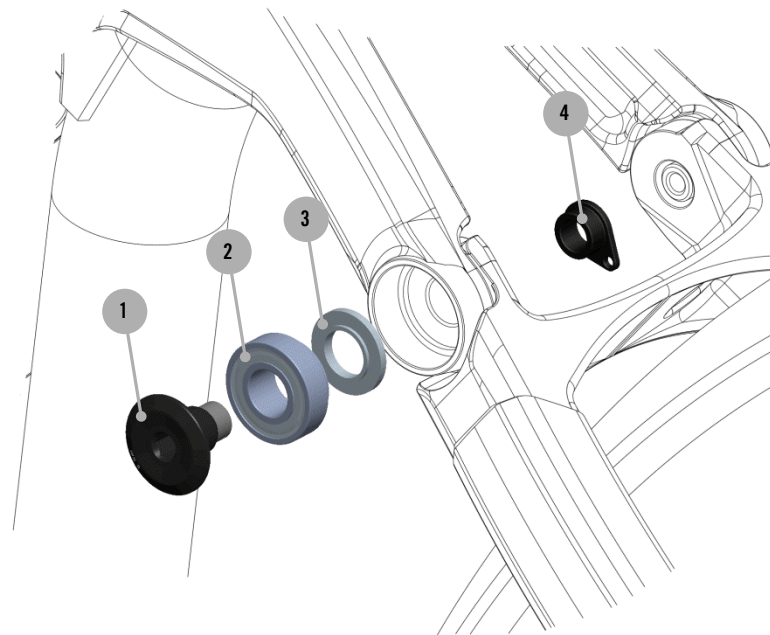
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Part Kit #00029

Pos.	1	2	3	4
Qty	2	2	2	2
Description	Bolt	Bearing	Spacer	Thread Inlay
Material	Al	St	St	St
Color	Black	Silver	Silver	Silver
OD [mm]	10	22	18	10
ID [mm]	-	10	10.2	8
Width/Length [mm]	17	6	2.5	7
Tool	Hex5	-	-	-
Torque [Nm]	10	-	-	-

Part kit contains assembly parts for left and right side



Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

Overview – Part Kits

Bike Model	DPO Type	Axle/QR Type
R.R2 FS	MDI-I	135x9
R.R2 HT	MDI-I	135x9
R.C1 FS	MDI-II	148x12
R.C1 FS	MDI-II	148x12
R.C+ FS	MDI-II	148x12
R.C+ HT	MDI-II	148x12
R.X1 FS	MDI-III	148x12
R.X2 FS	MDI-III	148x12
R.X+ FS	MDI-III	148x12
R.E1 FS	MDI-III	148x12
R.E+ FS	MDI-II	148x12
R.G1 FS	MDI-II	157x12
R.G+ FS	MDI-III	148x12
R.T1 HT	MDI-I	135x9
R.T+ HT	MDI-I	135x9
R.S2 HT	MDI-S	135x9

TOP PERFORMANCE | CONSEQUENTLY ENGINEERED

ROTWILD
► GERMAN CYCLING DEVICE

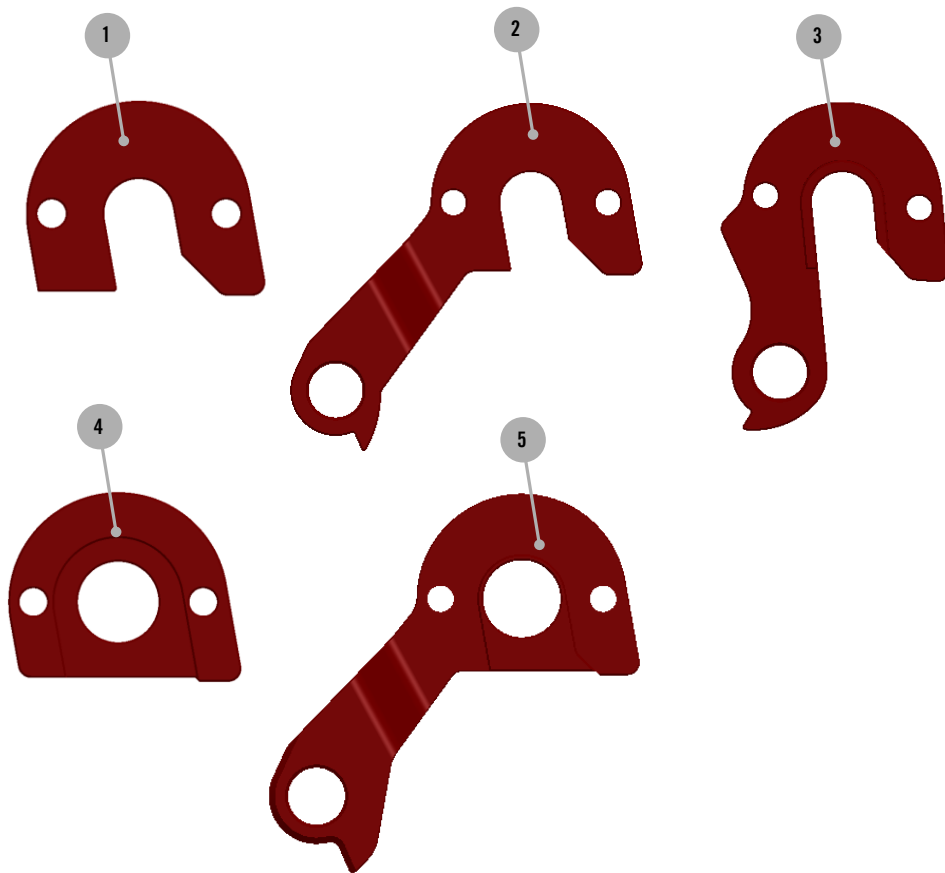
SPARE PARTS

MDI-I

Pos.	Description	Additional Information	Part #
1	Inner inlay left	135x9 QR	12929
2	Inner inlay right	135x9 QR/ Shimano direct mount	12930
3	Inner inlay right	135x9 QR/ Sram	12933 *
4	Inner inlay left	142x12	12931
5	Inner inlay right	142x12/Shimano direct mount	12932

All kits include M4-Torx bolts for assembly.

* Kit for T1 HT 28/29 includes M5-Torx bolts for assembly (15597)

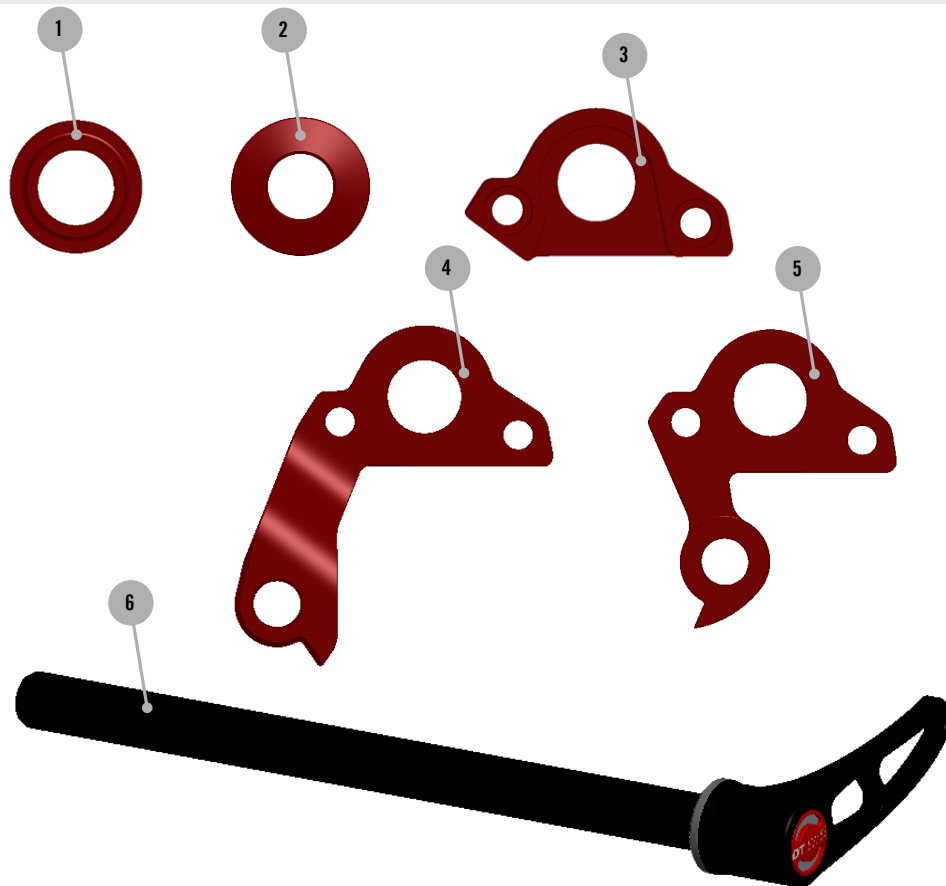


SPARE PARTS

MDI-II

Pos.	Description	Additional Information	Part #
1	Outer inlay left	142x12/148x12	12926
2	Outer inlay right	142x12/148x12 threaded	12927
3	Inner inlay left	142x12/148x12	12928
4	Inner inlay right	142x12/148x12 Shimano direct mount	12925
5	Inner inlay right	142x12/148x12 Sram	12934
6	Toolless through axle	142x12	11141

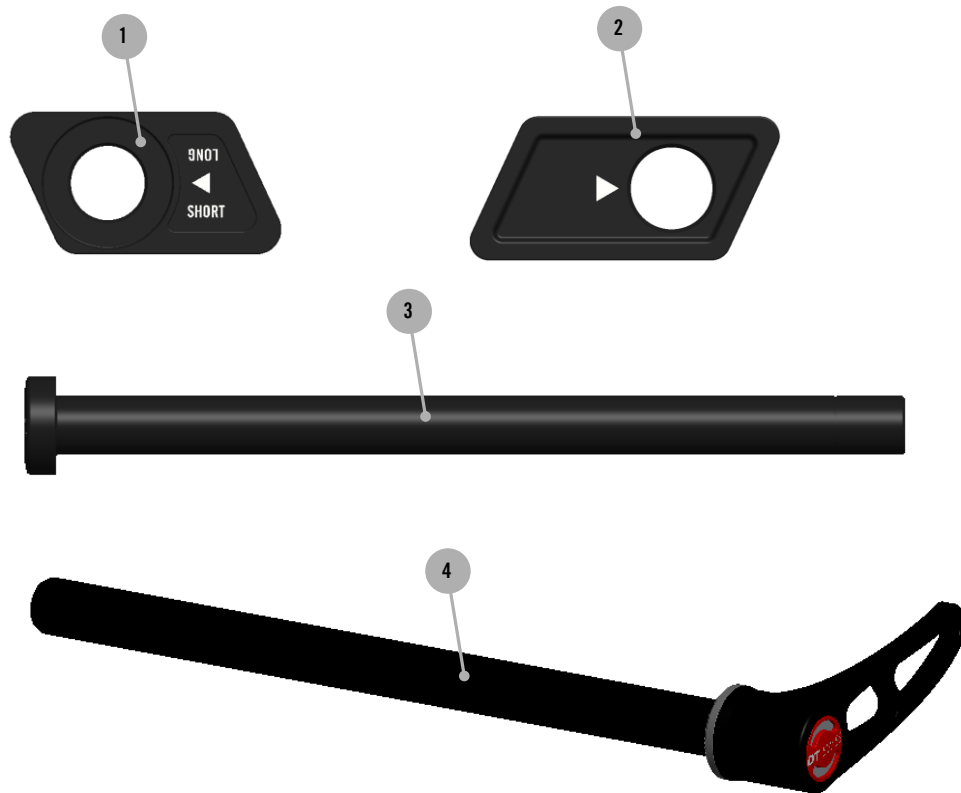
All kits include M4-Torx bolts for assembly.



SPARE PARTS

MDI-III

Pos.	Description	Additional Information	Part #
1	Outer inlay left	148x12	16983
2	Outer inlay right	148x12 threaded	16982
3	Through Axle	148x12	16247
4	Toolless through axle	148x12	16632



SPARE PARTS

MDI-III

Pos.	Description	Additional Information	Part #
1	Inner inlay left – short position	148x12	16266
2	Inner inlay right- short position	148x12/ Shimano direct mount	16262
3	Inner inlay right – short position	148x12/ Sram	16264
4	Inner inlay left – long position	148x12	16267
5	Inner inlay right- long position	148x12/ Shimano direct mount	16263
6	Inner inlay right – long position	148x12/ Sram	16265

All kits include M4-Torx bolts for assembly.



SPARE PARTS

MDI-S

Pos.	Description	Additional Information	Part #
1	Inner inlay right – Road	135x9	14818

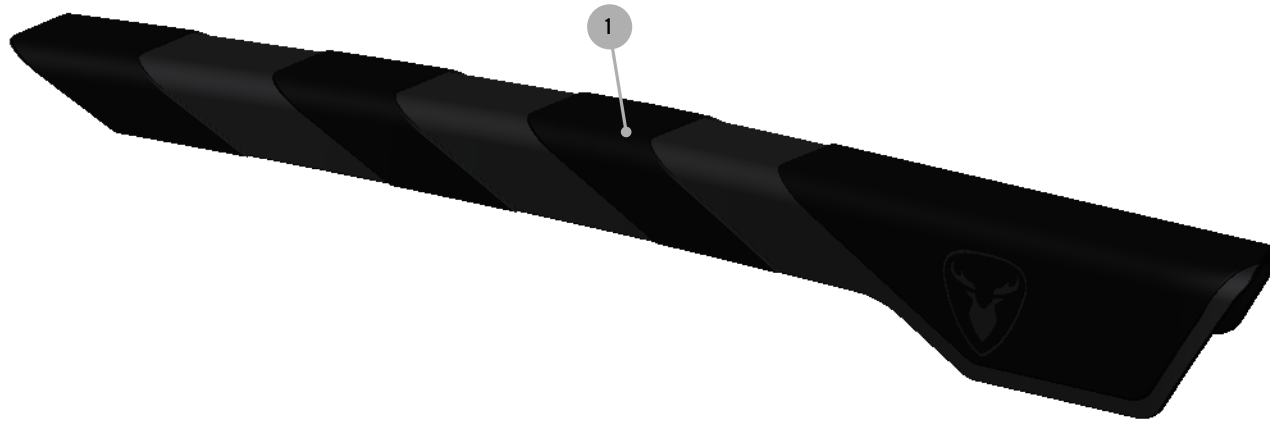
All kits include M4-Torx bolts for assembly.



SPARE PARTS

Chainstay protector

Pos.	Description	Additional Information	Part #
1	Chainstay protector	-	13587



SPARE PARTS

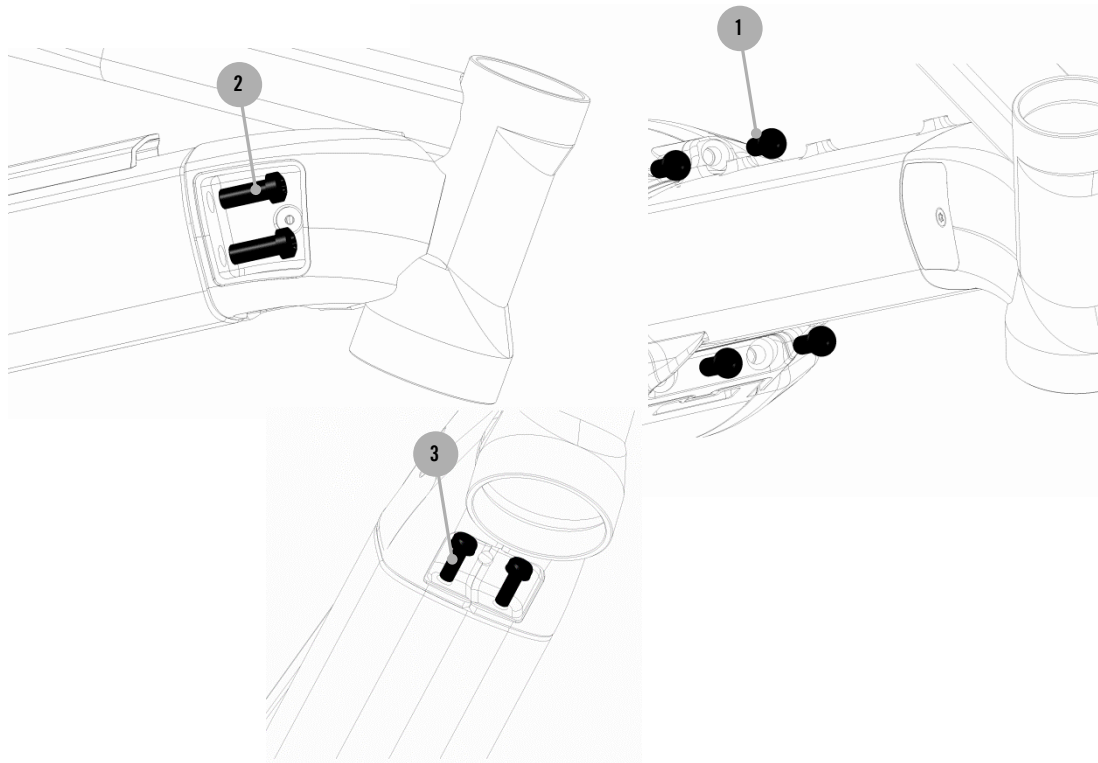
Overview – IPU Service Kits

IPU Service Kit	Kit #.
IPU Bolt Kit	
IPU Battery Bolt Kit	
Cover DT Neck	
Motor Cover RH/LH	
Cable Channel	

SPARE PARTS

IPU Service Kit

Pos.	1	2	3
Qty	4	4	2
Description	Bolt	Bolt	Bolt
Material	St	St	Al
Color	Black	Black	Black
OD [mm]			
ID [mm]	M8	M8	M6
Width/Length [mm]	25	20	15
Tool	Torx 45	Torx 45	Torx 30/ 8 Außensechskant
Torque [Nm]	14	14	5

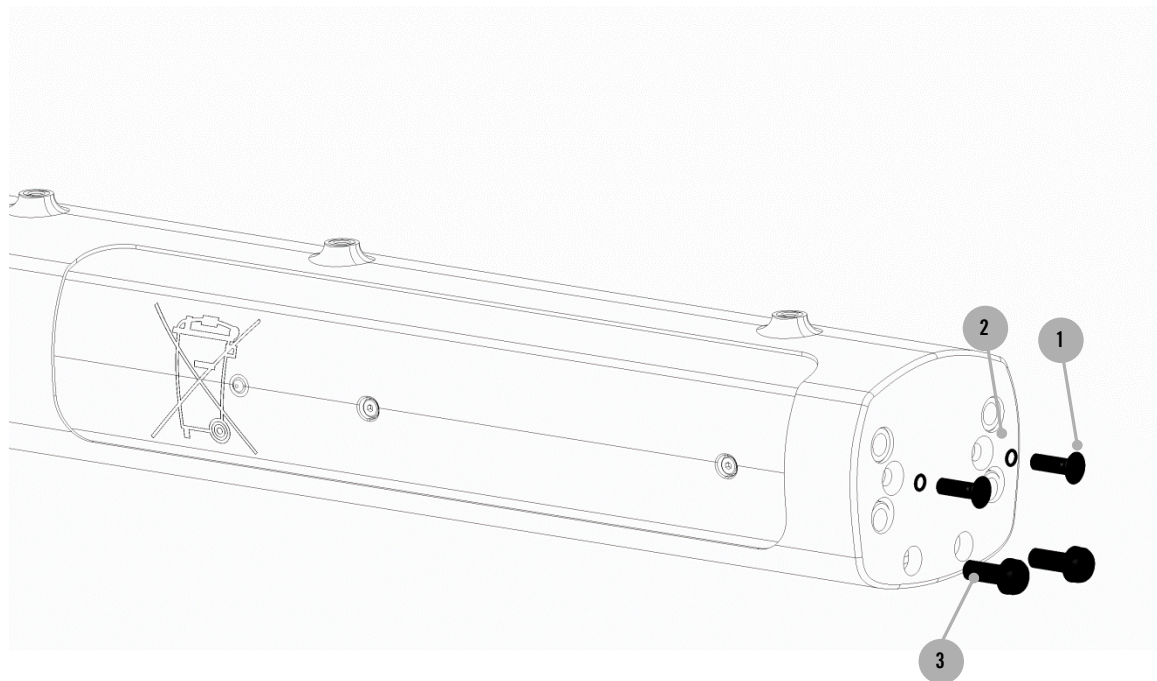


Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

IPU Service Kit

Pos.	1	2	3	4
Qty	2	2	2	1
Description	Bolt	O-Ring	Bolt	Charger Plug Frame
Material	St	Rubber	Al	Plastic
Color	Black	Black	Black	Black
OD [mm]				
ID [mm]	M5		M6	
Width/Length [mm]	15	--	15	XXxXX
Tool	Torx 20	--	Torx 30/ 8 Außensech kant	--
Torque [Nm]	5	--	5	--



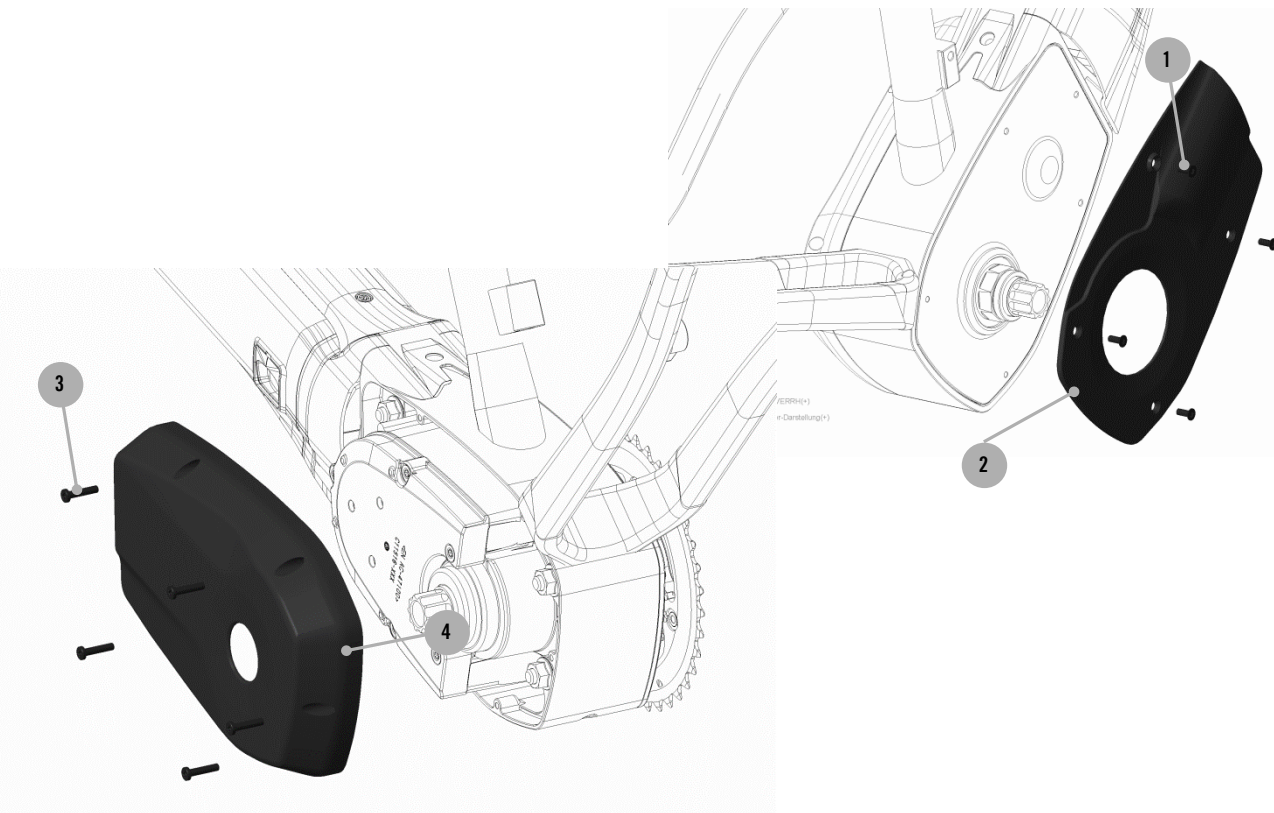
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.

SPARE PARTS

IPU Service Kit

Pos.	1	2	3	4
Qty	4	1	6	1
Description	Bolt	Motor Cover RH	Bolt	Motor Cover LH
Material	Al	Plastic	Al	Plastic
Color	Black	Black	Black	Black
OD [mm]		--		--
ID [mm]	M4	--	M4	--
Width/Length [mm]	10	--	20	--
Tool	Torx T20	--	Torx 20	--
Torque [Nm]	2	--	2	--

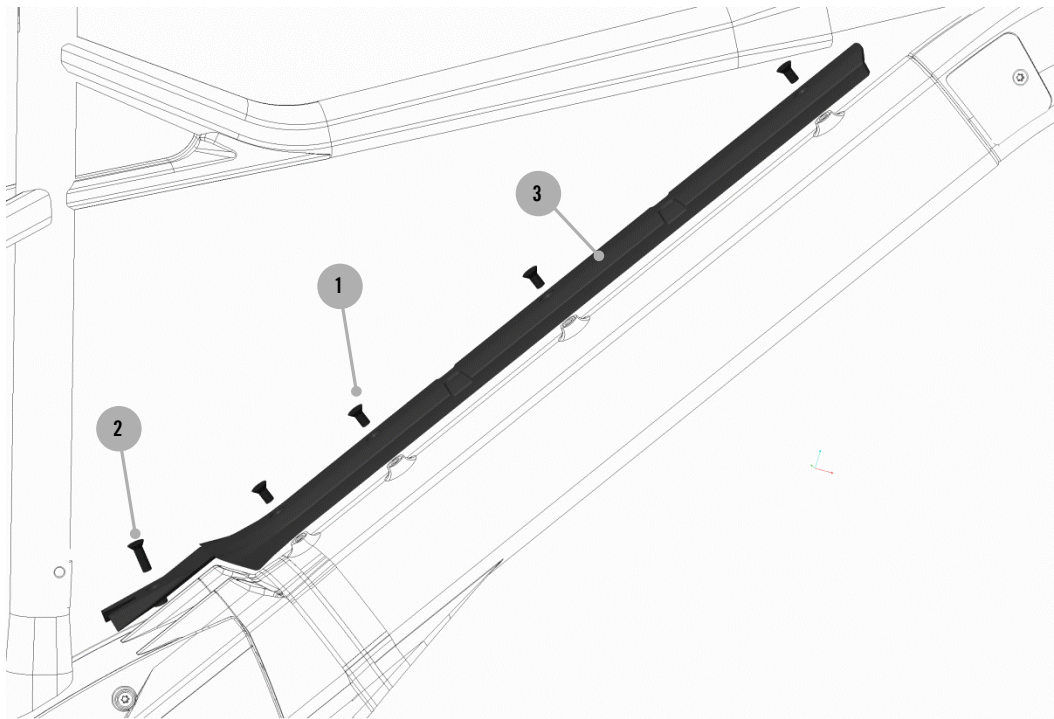
Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.



SPARE PARTS

IPU Service Kit

Pos.	1	2	3
Qty	4	1	1
Description	Bolt	Bolt	Cable Channel
Material	Al	Al	Plastic
Color	Black	Black	Black
OD [mm]			
ID [mm]	M5	M5	--
Width/Length [mm]	10	16	--
Tool	Torx 20	Torx 20	--
Torque [Nm]	2	2	--



Keep all threads clean from grease and dirt.
Use Loctite 243 on all threads.