



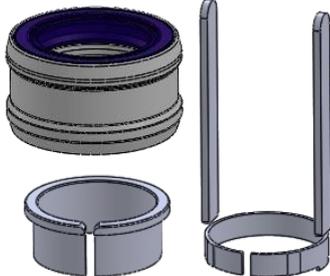
<u>Model Year:</u>	MY18
<u>Model Name:</u>	GIANT CONTACT SWITCH SEATPOST

2017.July

CONTENTS

Parts List for After service	3
Parts List for Gear	4
Tool list.....	5
1. Disassembly procedure	6
2. Cartridge replacement.....	8
3. Top cap, dust seal and slider set assembly	11

Parts List for After service

Item	SKU	Description	Picture
1	1729-CONTAC-803	MY18 CONTACT SWITCH SEATPOST ACCESSARY TOP AND BOTTOM CLAMP W/TI BOLT(FOR CONTACT SWITCH S)	
	1729-CONTAC-810	MY18 CONTACT SWITCH SEATPOST ACCESSARY TOP AND BOTTOM CLAMP W/STL BOLT(FOR CONTACT SWITCH)	
2	1729-CONTAC-807	MY18 CONTACT SWITCH SEATPOST ACCESSARY HORIZONTAL REMOTE LEVER W/WIRE AND ADJ BOLT	
	1729-CONTAC-814	MY18 CONTACT SWITCH SEATPOST ACCESSARY VERTICAL REMOTE LEVER W/WIRE AND ADJ BOLT	
3	1729-CONTAC-808	MY18 CONTACT SWITCH SEATPOST ACCESSARY LOCKRING KIT(FOR CONTACT SWITCH S & CONTACT SWITCH)	
4	1729-CONTAC-804	MY18 CONTACT SWITCH SEATPOST ACCESSARY AIR DAMPER(ALLOY) 100MM TRAVEL(FOR CONTACT SWITCH S)	
	1729-CONTAC-805	MY18 CONTACT SWITCH SEATPOST ACCESSARY AIR DAMPER(ALLOY) 125MM TRAVEL(FOR CONTACT SWITCH S)	
	1729-CONTAC-806	MY18 CONTACT SWITCH SEATPOST ACCESSARY AIR DAMPER(ALLOY) 150MM TRAVEL(FOR CONTACT SWITCH S)	
	1729-CONTAC-811	MY18 CONTACT SWITCH SEATPOST ACCESSARY AIR DAMPER(STEEL) 100MM TRAVEL(FOR CONTACT SWITCH)	
	1729-CONTAC-812	MY18 CONTACT SWITCH SEATPOST ACCESSARY AIR DAMPER(STEEL) 125MM TRAVEL(FOR CONTACT SWITCH)	
	1729-CONTAC-813	MY18 CONTACT SWITCH SEATPOST ACCESSARY AIR DAMPER(STEEL) 150MM TRAVEL(FOR CONTACT SWITCH)	
5	1729-CONTAC-809	MY18 CONTACT SWITCH SEATPOST ACCESSARY BOTTOM LOCK MOUNT(FOR CONTACT SWITCH S & CONTACT SWITCH)	

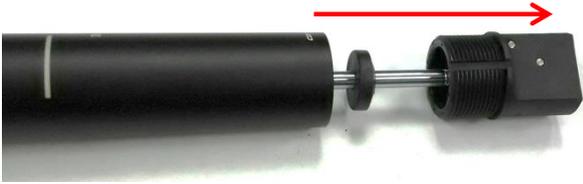
Parts List for Gear

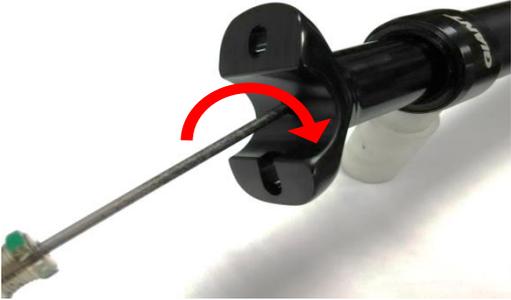
Item	SKU	Description	Picture
1	150000073	CONTACT SWITCH SEATPOST 1X LEVER AND CABLE SET	
	150000074	CONTACT SWITCH SEATPOST 2X LEVER AND CABLE SET	
2	150000075	CARTRIDGE FOR MY18 GIANT CONTACT S AND CONTACT SWITCH 350MM	
	150000076	CARTRIDGE FOR MY18 GIANT CONTACT S AND CONTACT SWITCH 395MM	
	150000077	CARTRIDGE FOR MY18 GIANT CONTACT S AND CONTACT SWITCH 440MM	
3	150000082	CARTRIDGE REMOVAL & INSTALLATION TOOL FOR MY18 CONTACT S AND CONTACT SWITCH SEATPOST	

Tool list

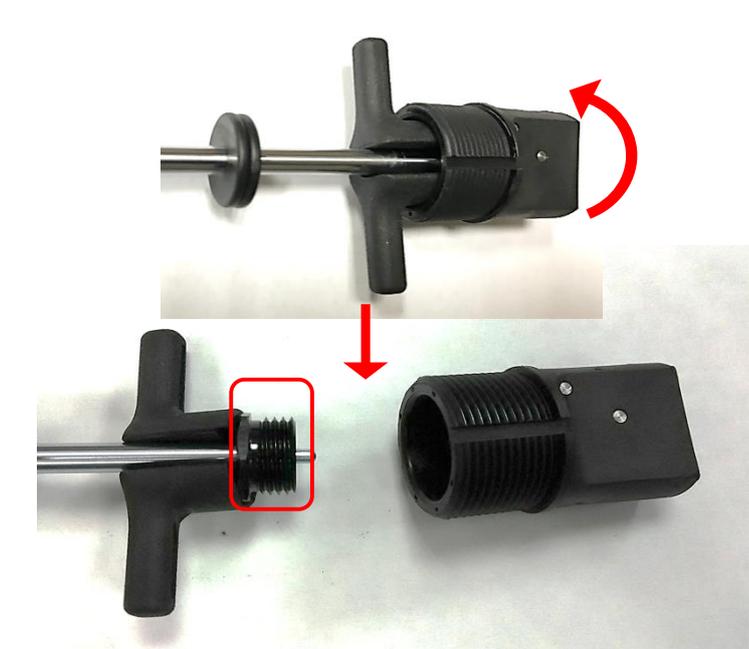
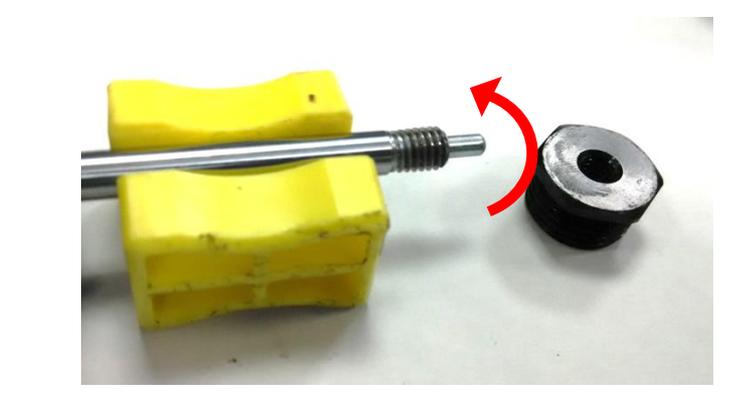
Item	Description	Picture
1	5mm Allen key	
2	18mm wrench	
3	Flathead screwdriver	
4	Mounting tool (Shimano TL-BH61 or other tools which can hold the inner rod of the cartridge)	
5	Neutral assembly grease	
6	Lower cap removal tool	

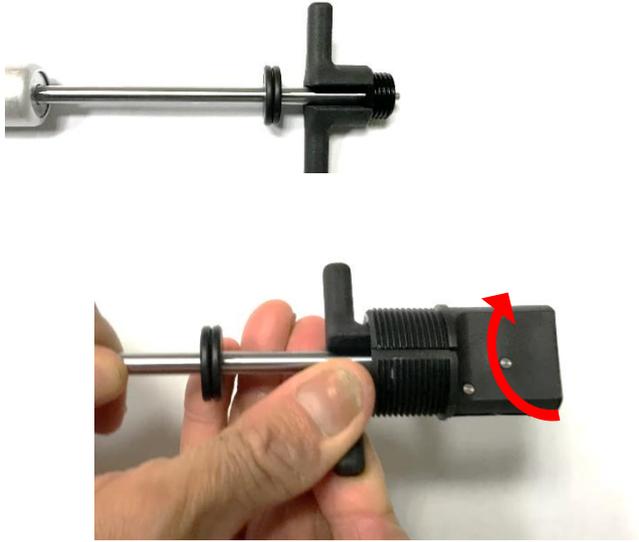
1. Disassembly procedure

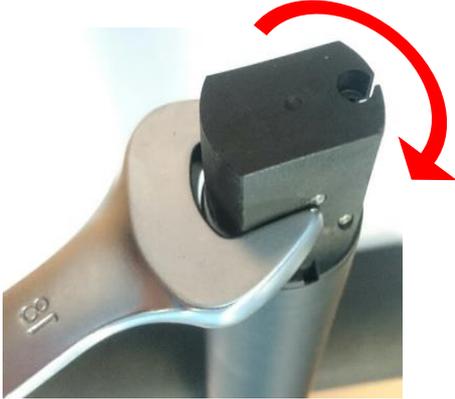
Step	Description	Picture
1.1	Disassemble the saddle clamp unit with a 5 mm Allen key	 <p>The image shows the disassembly of a saddle clamp unit. On the left, a 5 mm Allen key is inserted into the clamp. A red arrow points to the right, where the disassembled components are shown: the main clamp body, a small metal pin, a spring, and a rubber foot.</p>
1.2	Compress the seatpost by pulling the trigger with an inner cable and simultaneously pushing the stanchion +/- 50mm inwards.	 <p>The top image shows a close-up of the seatpost trigger mechanism with a red arrow labeled "Pull" pointing to the right.</p>  <p>The bottom image shows the seatpost being compressed. A red arrow labeled "Compress +/- 50mm" points to the left, indicating the direction of movement. A ruler is placed below the seatpost for scale.</p>
1.3	Open the lower cap by turning counter clockwise with a 18mm wrench.	 <p>The image shows a close-up of the lower cap being turned counter-clockwise with a 18mm wrench. A red curved arrow indicates the direction of rotation.</p>
1.4	Pull the lower cap out of the main seatpost shaft. Note: The lower cap stays attached to the internal rod.	 <p>The image shows the lower cap being pulled out of the main seatpost shaft. A red arrow points to the right, indicating the direction of movement.</p>

Step	Description	Picture
1.5	Use a flathead screwdriver to detach the cartridge from the top of the seatpost head by turning in clockwise direction.	
1.6	Pull out the internal cartridge	
1.7	Open the top cap by turning counter clockwise.	
1.8	Pull out the inner stanchion from the main shaft.	
1.9	Take off the top cap, sliders from the seatpost stanchion.	
1.10	Clean the stanchion and main shaft with a dry clean cloth	

2. Cartridge replacement

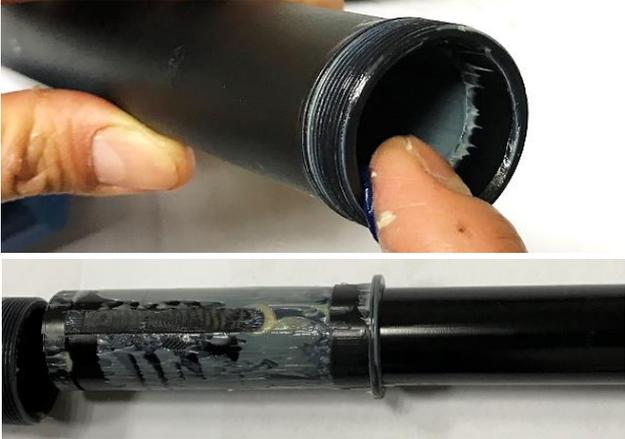
Step	Description	Picture
Disassembly		
2.1	Use a tool with a sharp point to pull out the rubber bumper from the lower cap.	
2.2	Slide the special lower cap removal tool over the rod of the internal unit until it fits properly on the hexagon shape inside the lower cap. Hold the tool firmly and turn the lower cap counter clockwise to remove it from the rod.	
2.3	Use a fixture (for example Shimano TL-BH61) to hold the inner rod of the cartridge in a vice. Loosen the nut by turning it counter clockwise and take it off together with the rubber bumper.	

Step	Description	Picture
Assembly		
2.4	Slide the rubber bumper over the inner rod and tighten the nut by turning clockwise. (2Nm) Make sure the threads of the nut are facing outwards.	
2.5	Assemble the lower cap on the nut. Tighten it firmly by holding the nut the specific tool while turning the lower cap clockwise.	
2.6	Place the cartridge into the main shaft of the seatpost.	
2.7	Press the seatpost stanchion approximately 50mm inward.	<p>Compress +/- 50mm</p> 

Step	Description	Picture
2.8	Use a flathead screwdriver to tighten the cartridge in the seatpost head (turn counter clockwise).	
2.9	Screw the lower cap into the main shaft of the seatpost and tighten it firmly clockwise with a 18mm wrench (5Nm)	

3. Top cap, dust seal and slider set assembly

Step	Description	Picture
3.1	Top cap with dust seal and slider set	
3.2	<p>Assemble the top cap on the stanchion in the following sequence:</p> <ol style="list-style-type: none"> 1. Top cap with dust seal 2. Slider ring <p>1a. Apply some grease inside the top cap. Place the top cap into the stanchion</p> <p>2a. Place the slider ring inside the top cap.</p> <p>Note: Be careful not to damage the rubber seal in the dust cap while sliding it over the stanchion.</p>	

Step	Description	Picture
3.3	<ol style="list-style-type: none"> 1. Place the side sliders inside the grooves on both sides of the stanchion. 2. Mount the round slider on the bottom of the stanchion, make sure it is secured properly in the designated profiles in the stanchion. 	
3.4	Apply some neutral assembly grease on the inside of the main shaft and on the stanchion.	
3.5	<p>Insert the stanchion in the main shaft. Make sure that the rear side of the seatpost head is at the side of the main shaft (with the insertion marking). Apply grease 2cc between top cap and Slider ring.</p>	

Step	Description	Picture
3.6	Secure the top cap by mounting it in clockwise direction onto the threads on the main shaft. Tighten it firmly by hand.	
3.7	Assemble the inner cartridge as described at point 2.6 to 2.9	