



<u>Model Year:</u>	MY19
<u>Model Name:</u>	GIANT Wheel System Instruction Manual
<u>Purpose:</u>	FOR GIANT DEALERS ONLY

MY19 Wheel System Instruction Manual

1. Wheel System in Gear	3
2. Spare Parts in Gear	4
3. Wheel System	5
3.1 SLR 0 (42 mm)	5
3.2 SLR 1 (42 mm)	6
3.3 SLR 0 (65mm)	7
3.4 SLR 1 (65 mm)	8
3.5 TRX 0 27.5	9
3.6 TRX 1 27.5	10
3.7 TRX 0 29	11
3.8 TRX 1 29	12
3.9 XCR 0 29	13
3.10 XCR 1 29	14
3.11 TR 1 27.5	15
4. Hub System	16
4.1 GDC SLR HUB	17
4.2 GDC 240F	19
4.3 GDC 240R	20
4.4 GDC 360F	23
4.5 GDC 360R	25
4.6 GRX 805F	28
4.7 GRX 804R	29
4.8 GRX 1602	29
4.9 Free Hub Body	30
4.10 Hub Bearing	30
4.11 E-bike Hub	31
5 Spoke Tension	32
6 Combinations of Rim's width and Tire's width	38

1. Wheel System in Gear

Gear PN	Model name	Description
350000167	FRONT WHEEL SET	SLR 0 AERO 65MM TUBELESS RIM BRAKE FW
350000168	REAR WHEEL SET	SLR 0 AERO 65MM TUBELESS RIM BRAKE RW
350000169	FRONT WHEEL SET	SLR 1 AERO 65MM TUBELESS RIM BRAKE FW
350000170	REAR WHEEL SET	SLR 1 AERO 65MM TUBELESS RIM BRAKE RW
350000179	FRONT WHEEL SET	XCR 29 0 FW BOOST 25MM INNER WIDTH
350000180	REAR WHEEL SET	XCR 29 0 RW BOOST 25MM INNER WIDTH
350000181	FRONT WHEEL SET	XCR 29 1 FW BOOST 25MM INNER WIDTH
350000182	REAR WHEEL SET	XCR 29 1 RW BOOST 25MM INNER WIDTH
350000183	FRONT WHEEL SET	TRX 29 0 FW BOOST 30MM INNER WIDTH
350000184	REAR WHEEL SET	TRX 29 0 RW BOOST 30MM INNER WIDTH
350000185	FRONT WHEEL SET	TRX 29 1 FW BOOST 30MM INNER WIDTH
350000186	REAR WHEEL SET	TRX 29 1 RW BOOST 30MM INNER WIDTH
350000187	FRONT WHEEL SET	TRX 27.5 0 FW BOOST 30MM INNER WIDTH
350000188	REAR WHEEL SET	TRX 27.5 0 RW BOOST 30MM INNER WIDTH
350000189	FRONT WHEEL SET	TRX 27.5 1 FW BOOST 30MM INNER WIDTH
350000190	REAR WHEEL SET	TRX 27.5 1 RW BOOST 30MM INNER WIDTH
350000191	FRONT WHEEL SET	TRX 27.5 2 FW BOOST 30MM INNER WIDTH (ALLOY)
350000192	REAR WHEEL SET	TRX 27.5 2 RW BOOST 30MM INNER WIDTH (ALLOY)

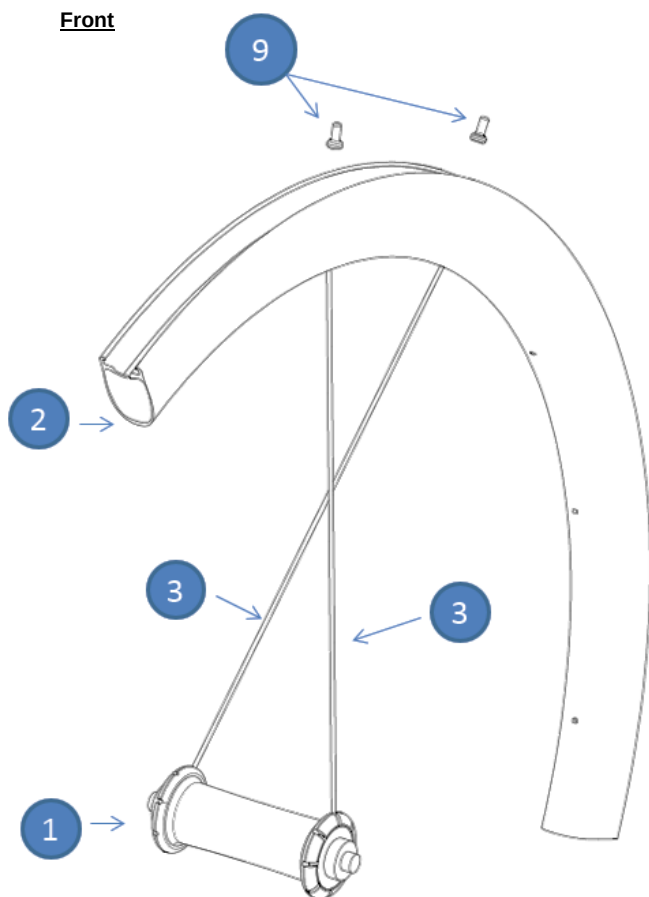
2. Spare Parts in Gear

Gear PN	Model name	Description
290000000	BRAKE PAD	GIANT BRAKE PAD FOR CARBON RIM
300000026	FORMULA-TOOL BOX	FORMULA HUB TOOL BOX (12MM/15MM AXLE)
300000027	DT-TENSIO 2	TENSIOMETER DT TENSIO ANALOG RED (指針式)
300000028	SLEEVE	SLEEVE OD:11MM/ 12.5MM FOR DT TENSIO TENSIOMETER
300000029	SPOKE TOOL	SPOKE HOLDER FOR TCS SPOKE
320000006	TUBELESS TAPE	GIANT TUBELESS TAPE 23mm X 4.7m
320000045	TUBELESS TAPE	GIANT TUBELESS TAPE 26mm X 4.7m
320000046	TUBELESS TAPE	GIANT TUBELESS TAPE 28mm X 4.7m
320000047	TUBELESS TAPE	GIANT TUBELESS TAPE 30mm X 4.7m
320000048	TUBELESS TAPE	GIANT TUBELESS TAPE 35mm X 4.7m
320000049	TUBELESS TAPE	GIANT TUBELESS TAPE 43mm X 4.7m
330000070	TUBELESS VALVE	TUBELESS VALVE STEMx2 FOR 30MM LOW PROFILE RIM
330000101	TUBELESS VALVE	TUBELESS VALVE STEMx2 FOR 40MM AND ABOVE HIGH PROFILE RIM
330000102	VALVE TOOL	VALVE CORE REMOVE TOOL
330000103	TUBELESS SEALANT	GIANT TUBELESS SEALANT 2OZ 1 BOTTLE
330000104	TUBELESS SEALANT	GIANT TUBELESS SEALANT 16OZ
320000042	VALVE ADAPTOR	PLASTIC VALVE CAP FOR ON ROAD RIM X4
320000043	VALVE ADAPTOR	PLASTIC VALVE CAP FOR OFF ROAD RIM X4
600000014	TIRE LEVER	GIANT TIRE LEVER FOR TUBELESS
600000015	TIRE LEVER	LIV TIRE LEVER FOR TUBELESS
300000044	SEALANT SYRINGE	SEALANT CHECK & REFILL SYRINGE
300000045	TIRE LUBRICANTS	TIRE MOUNTING LUBRICANTS
300000046	TIRE PATCH	TIRE PATCH KIT-SLICK TIRE
300000048	TIRE PLUGS	TIRE PLUGS-TREADED TIRE

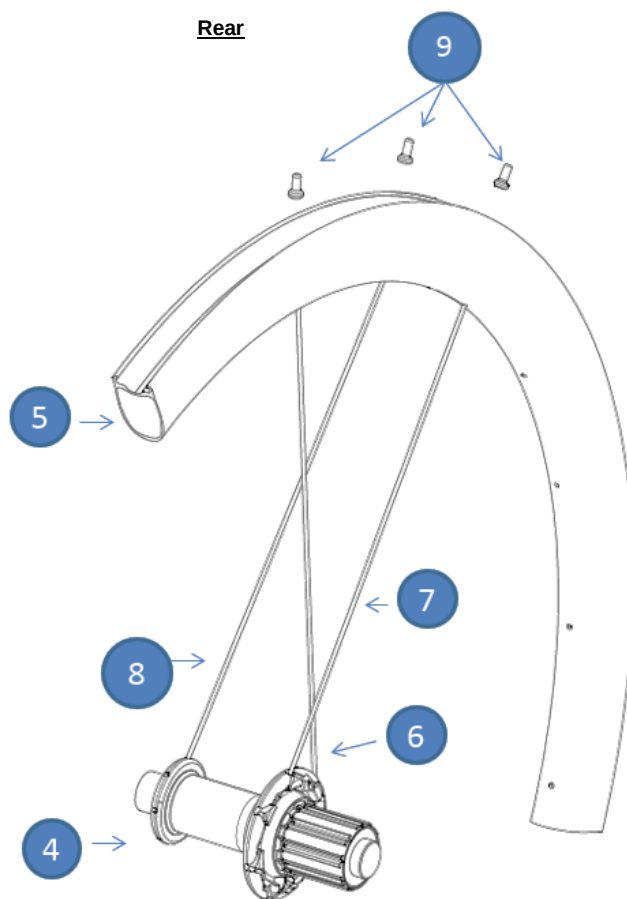
3. Wheel System

3.1 SLR 0 (42 mm)

Front



Rear



Note : Spoke placement in accordance with the drawings shown
(Spoke #6 is located inside of #7)

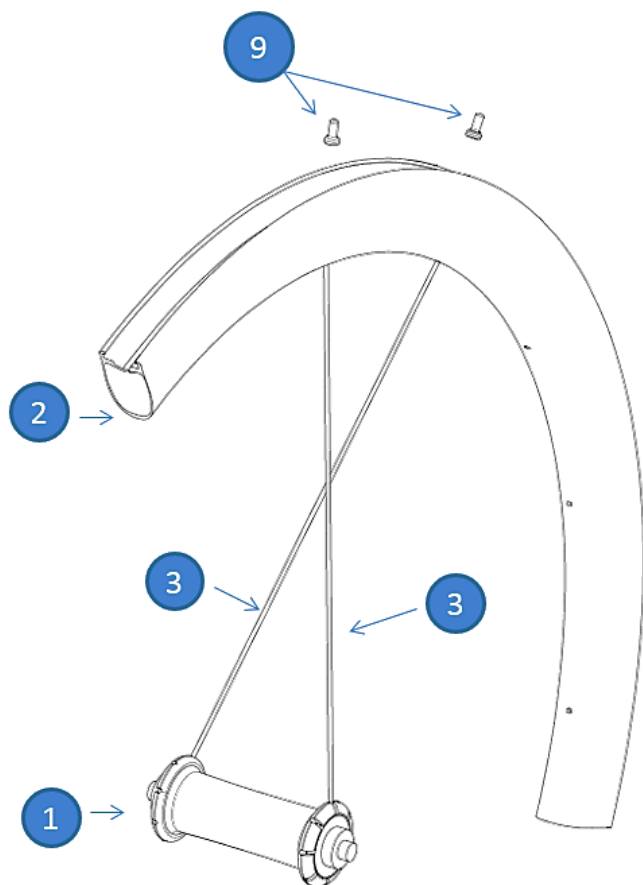
SLR 0 (42 mm)

(spec in Propel)

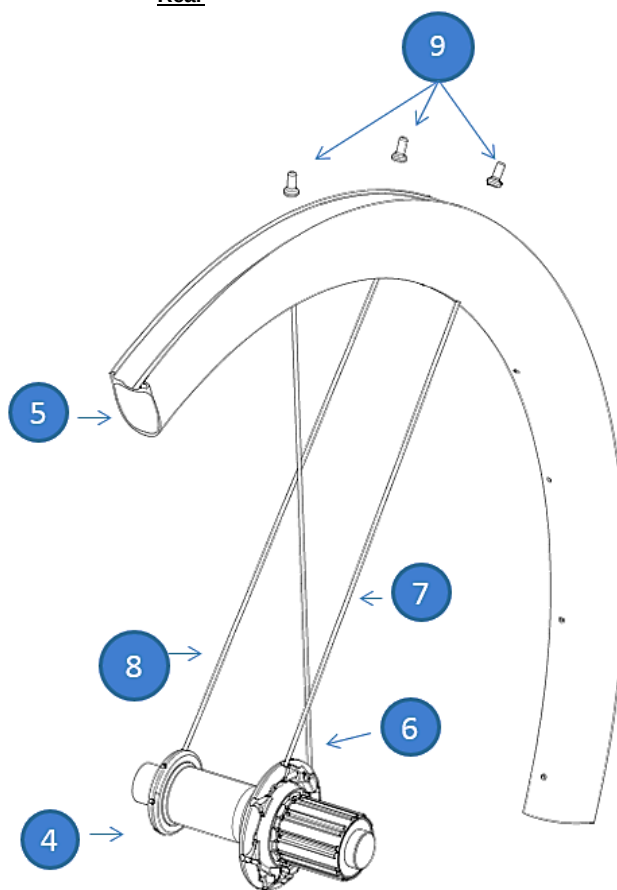
Front/ Rear	Part	Ref.	Part's Number	Spec Description
Front	Hub	1	1510-SLR0AA-901	DT 240S FRONT HUB ANO. MATT BLK FOR SLR0 AERO/SLR0 CLIMB 16X100 5MM W/O QR W/MY16 CUSTOM LOGO
Front	Rim	2		
Front	Spoke	3	154S-CXSPGB274T	CX SPRINT GIANT 14GX274 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Hub	4	1520-DT240R-901	DT 240S REAR HUB ANO. SATIN BLK FOR SLR0 AERO/SLR0 CLIMB 11SPD 21X130 5MM SATIN BLK W/NEW SPOKE HOLE W/O QR W/MY19 GIANT CUSTOM LOGO
Rear	Rim	5		
Rear	wsxSpoke(Drive Side-inner)	6	154S-CXSPGB274T	CX SPRINT GIANT 14GX274 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Drive Side-outer)	7	154S-CXSPGB268T	CX SPRINT GIANT 14GX268 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Non-Drive Side-inner)	8	154S-CXSPGB276T	CX SPRINT GIANT 14GX276 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Front/ Rear	Nipple	9	154S-N14GSIL12	SAPIM Inverted 14G 12MM SECURE LOCK ALLOY SIL NIPPLE
Front/ Rear	Tubeless Tire Valve		1570-XH601A-801	XH-601 70MM VALVE BLK FOR TUBELESS TIRE (FOR GIANT ON ROAD 40MM WHEEL)

3.2 SLR 1 (42 mm)

Front



Rear



Note : Spoke placement in accordance with the drawings shown
(Spoke #6 is located inside of #7)

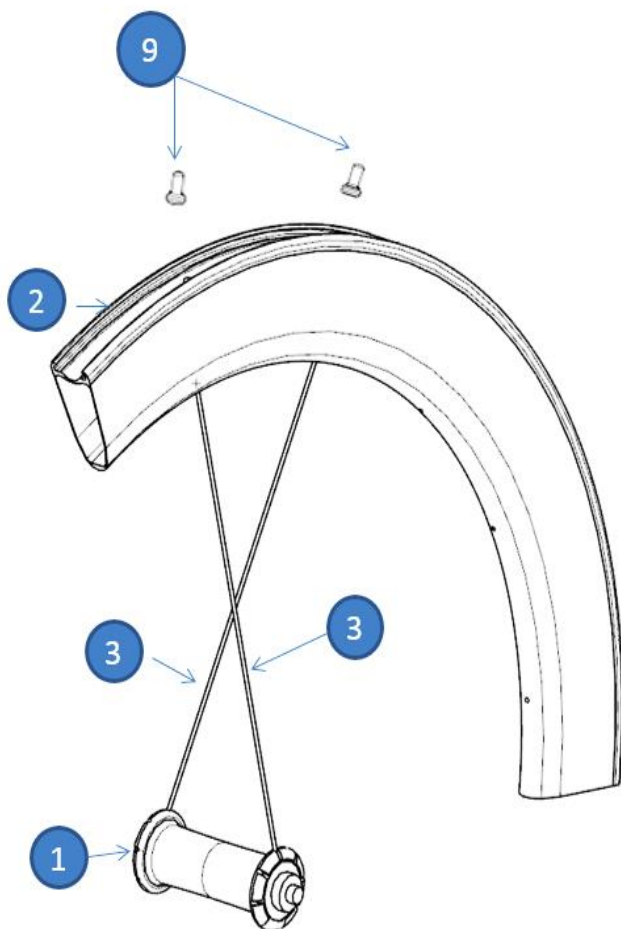
SLR1 (42 mm)

(spec in Propel)

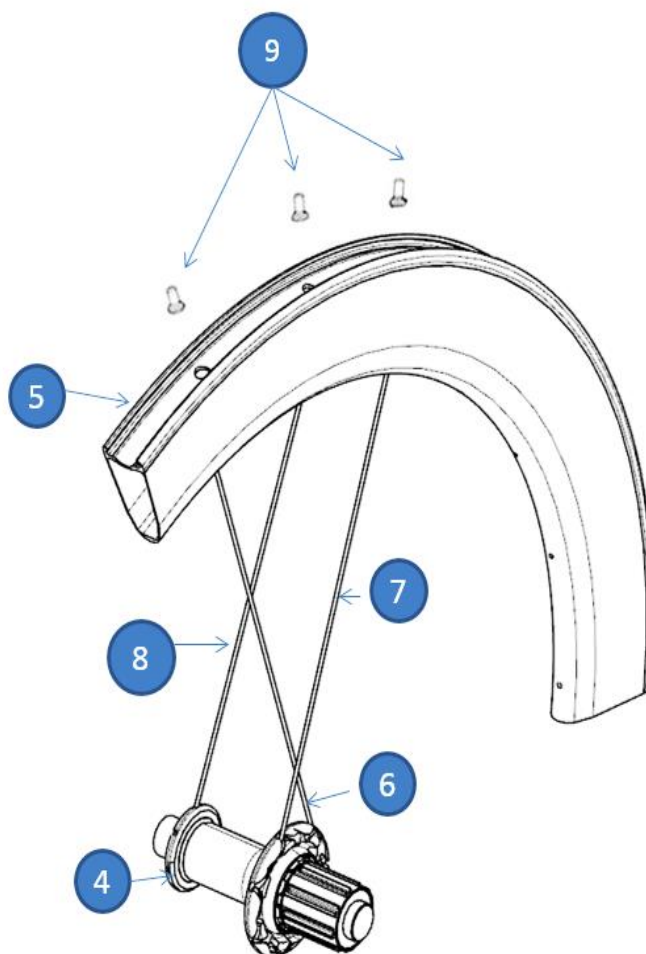
Front Rear	Part	Ref.	Part's Number	Spec Description
Front	Hub	1	1510-DT360R-901	DT 360 FRONT HUB ANO SATIN BLK FOR SLR1/SL1 16X100 5MM W/O QR W/MY19 CUSTOM LOGO
Front	Rim	2		
Front	Spoke	3	154S-CXSPGB274T	CX SPRINT GIANT 14GX274 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Front	Quick Release			GQR68 M5X114MM W/DUAL ANO
Rear	Hub	4	1520-DT360R-901	DT 360S REAR HUB ANO. SATI SATIN BLK FOR SLR1/SL1 11SPD 21X130 5MM BLK W/O QR W/MY19 GIANT CUSTOM LOGO (DEEP HOLE)
Rear	Rim	5		
Rear	Spoke(Drive Side-inner)	6	154S-CXSPGB274T	CX SPRINT GIANT 14GX274 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Drive Side-outer)	7	154S-CXSPGB268T	CX SPRINT GIANT 14GX268 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Non-Drive Side-inner)	8	154S-CXSPGB276T	CX SPRINT GIANT 14GX276 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Front/ Rear	Nipple	9	154S-N14GSIL112	SAPIM Inverted 14G 12MM SECURE LOCK ALLOY SIL NIPPLE
Rear	Quick Release			GQR68 M5X148MM W/DUAL ANO
Front/ Rear	Tubeless Tire Valve		1570-XH601A-801	XH-601 70MM VALVE BLK FOR TUBELESS TIRE (FOR GIANT ON ROAD 40MM WHEEL)

3.3 SLR 0 (65mm)

Front



Rear

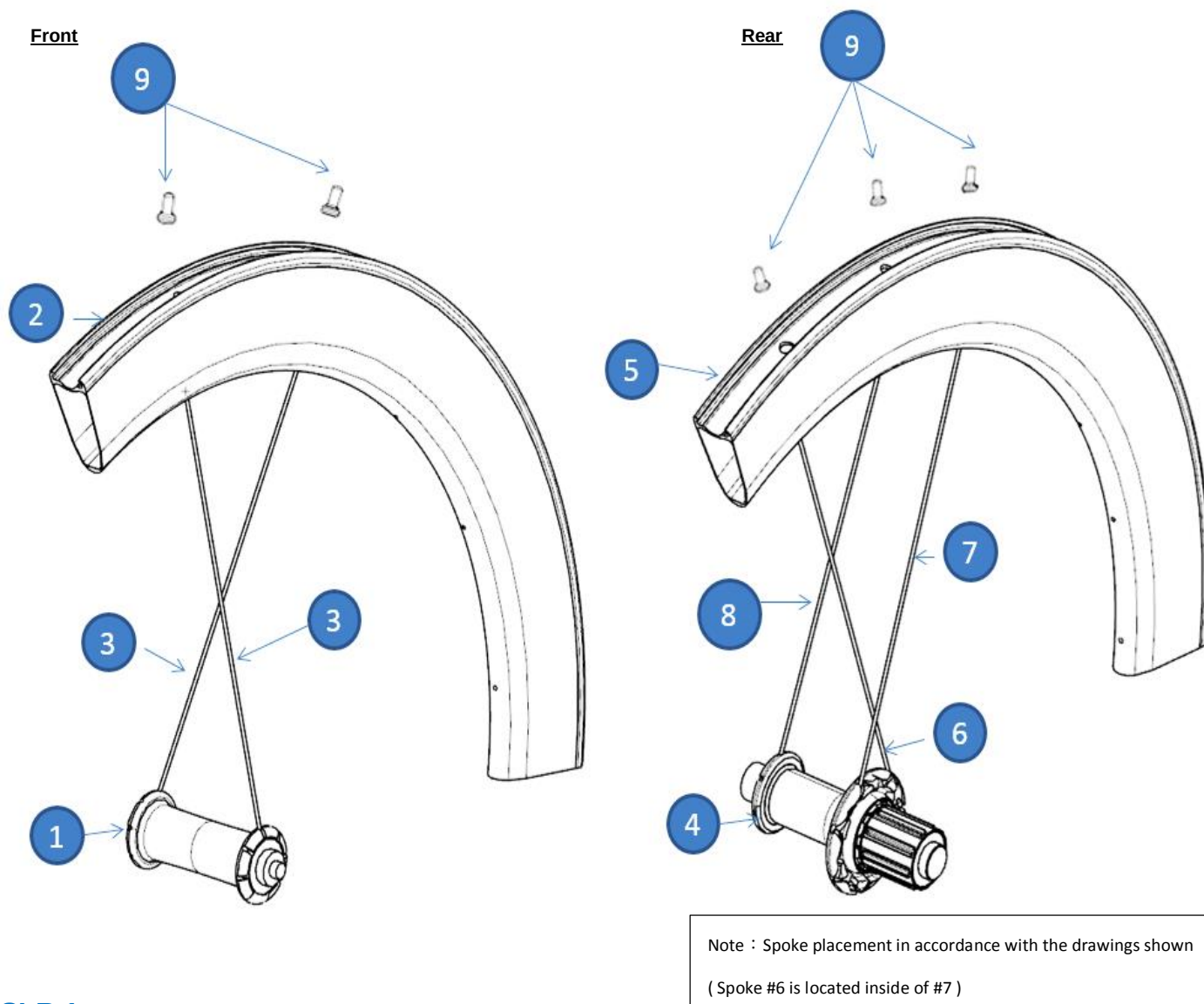


Note : Spoke placement in accordance with the drawings shown
(Spoke #6 is located inside of #7)

SLR 0 (65mm)

Front Rear	Part	Ref.	Part's Number	Spec Description
Front	Hub	1	1530-SLR065-901	SLR0 700X16H F/V H:65 UD Hi Tg CARBON(M) TUBELESS W/MY19 SLR0 BLACK DECAL
Front	Rim	2		
Front	Spoke	3	154S-CXSPGB253T	CX SPRINT GIANT 14GX253 2.0(3.0x1.0)2.0 BLK W/T- HEAD(REQUIRE OUTSOURCING NYLOK)
Front	Quick Release			
Rear	Hub	4	1530-SLR065-902	SLR0 700X21H F/V H:65 UD Hi Tg CARBON(M) TUBELESS W/MY19 SLR0 BLACK DECAL
Rear	Rim	5		
Rear	Spoke(Drive Side-inner)	6	154S-CXSPGB254T	CX SPRINT GIANT 14GX254 2.0(3.0x1.0)2.0 BLK W/T- HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Drive Side-outer)	7	154S-CXSPGB247T	CX SPRINT GIANT 14GX247 2.0(3.0x1.0)2.0 BLK W/T- HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Non-Drive Side-inner)	8	154S-CXSPGB255T	CX SPRINT GIANT 14GX255 2.0(3.0x1.0)2.0 BLK W/T- HEAD(REQUIRE OUTSOURCING NYLOK)
Front/ Rear	Nipple	9	154S-N14GSIL12	SAPIM Inverted 14G 12MM SECURE LOCK ALLOY SIL NIPPLE
Rear	Quick Release			
Front/ Rear	Tubeless Tire Valve		1570-XH801A-802	XH-801 90MM VALVE BLK FOR TUBELESS TIRE(NEW THREAD LENGTH: 5mm extra)(FOR GIANT ON ROAD 65MM WHEEL)

3.4 SLR 1 (65 mm)

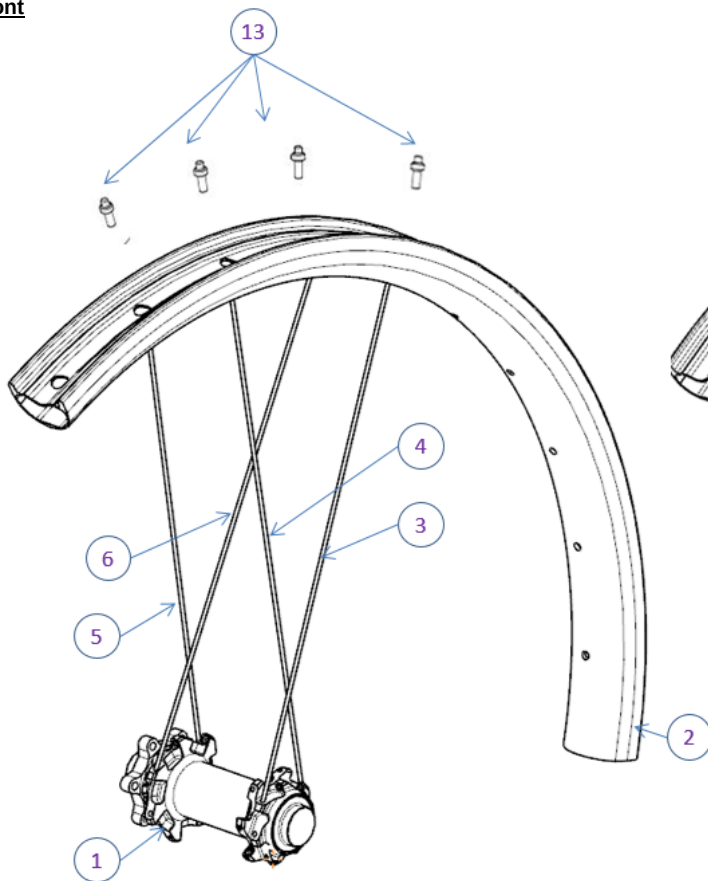


SLR 1 (65mm)

Front/ Rear	Part	Ref.	Part's Number	Spec Description
Front	Hub	1	1510-DT360R-901	DT 360 FRONT HUB ANO SATIN BLK FOR SLR1/SL1 16X100 5MM W/O QR W/MY19 CUSTOM LOGO
Front	Rim	2		
Front	Spoke	3	154S-CXSPGB253T	CX SPRINT GIANT 14GX253 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Front	Quick Release			
Rear	Hub	4	1520-DT360R-901	DT 360S REAR HUB ANO. SATI SATIN BLK FOR SLR1/SL1 11SPD 21X130 5MM BLK W/O QR W/MY19 GIANT CUSTOM LOGO (DEEP HOLE)
Rear	Rim	5		
Rear	Spoke(Drive Side-inner)	6	154S-CXSPGB254T	CX SPRINT GIANT 14GX254 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Rear	Spoke(Drive Side-outer)	7	154S-CXSPGB247T	1570-XH801A-802
Rear	Spoke(Non-Drive Side-inner)	8	154S-CXSPGB255T	CX SPRINT GIANT 14GX255 2.0(3.0x1.0)2.0 BLK W/T-HEAD(REQUIRE OUTSOURCING NYLOK)
Front/ Rear	Nipple	9	154S-N14GSIL112	SAPIM Inverted 14G 12MM SECURE LOCK ALLOY SIL NIPPLE
Rear	Quick Release			
Front/ Rear	Tubeless Tire Valve		1570-XH801A-802	XH-801 90MM VALVE BLK FOR TUBELESS TIRE(NEW THREAD LENGTH: 5mm extra)(FOR GIANT ON ROAD 65MM WHEEL)

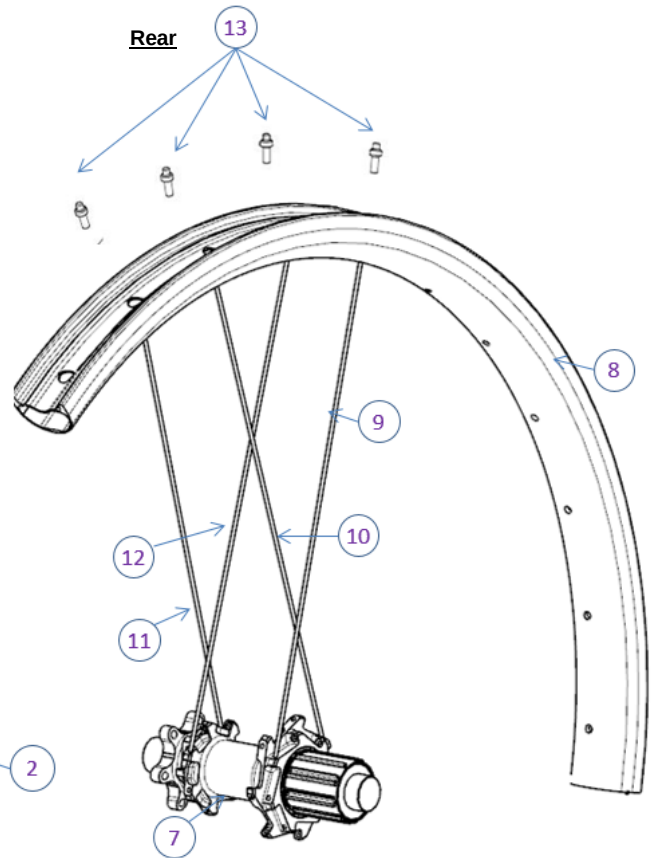
3.5 TRX 0 27.5

Front



Note : Spoke placement in accordance with the drawings shown
(Spoke #4 is located inside of # 3) (Spoke #6 is located inside of # 5)

Rear



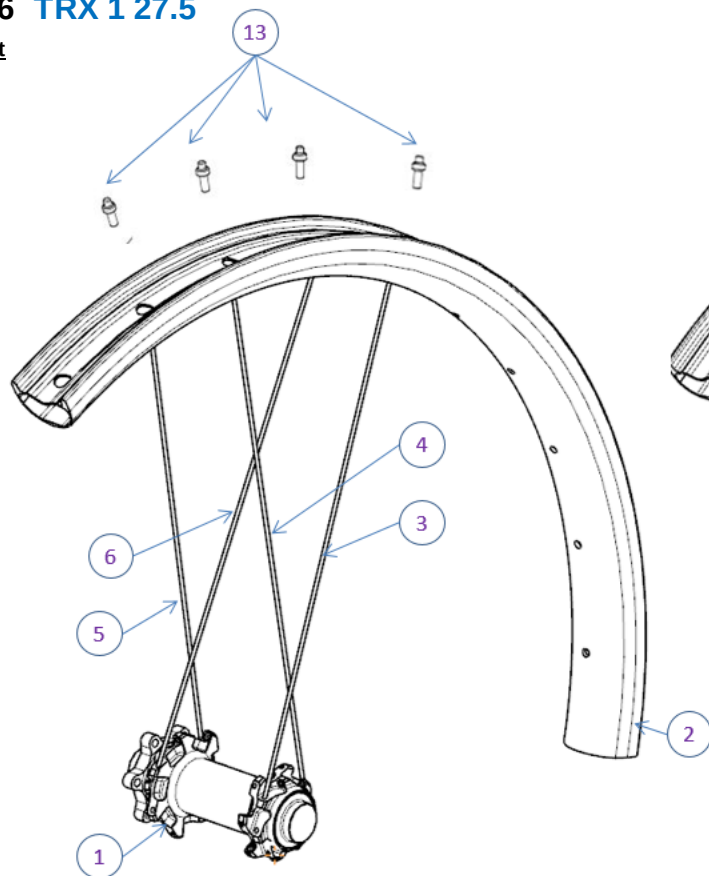
Note : Spoke placement in accordance with the drawings shown
(Spoke #10 is located inside of # 9) (Spoke #12 is located inside of # 11)

TRX 0 27.5

Front /Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT240M-701	DT 240S FRONT HUB FOR XCR 0/TRX 0 28X110 15MM W/O QR W/MY17 CUSTOM LOGO	
Front	Rim	2			
Front	Spoke(Non-Disc Side-outer)	3	154S-SUPSPB279	SUPER SPOKE 279MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	4	154S-SUPSPB275	SUPER SPOKE 275MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Disc Side-outer)	5	154S-SUPSPB279	SUPER SPOKE 279MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	6	154S-SUPSPB275	SUPER SPOKE 275MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	7	1520-DT240M-702	DT 240S REAR HUB FOR XCR 0/TRX 0 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT240M-701	DT 240S REAR HUB FOR XCR 0/TRX 0 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
Rear	Rim	8			
Rear	Spoke(Drive Side-outer)	9	154S-SUPSPB275	SUPER SPOKE 275MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	10	154S-SUPSPB271	SUPER SPOKE 271MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	11	154S-SUPSPB279	SUPER SPOKE 279MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	12	154S-SUPSPB275	SUPER SPOKE 275MM 1.8/1.4/1.8 BLK	MOQ:20
Front /Rear	Nipple	13	154S-DBSQBALS16	NIPPLE AL ROUND DOUBLE SQUARE 1.8x16MM BLK SECURE LOCK	MOQ:100
Front /Rear	Valve		1570-XH591A-801	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR RIM INNER WIDTH 17~23MM)	
Front /Rear	Valve Adaptor		1579-ADAPTR-701	VLD-259 VALVE ADAPTOR FOR TRX0/1, XCR0/1, PX2/SX2, XC1/2	

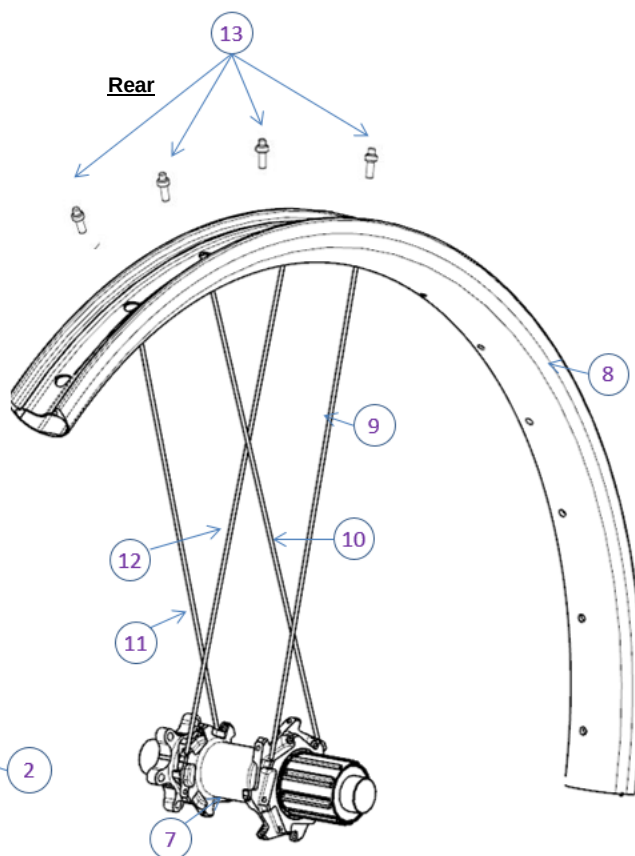
3.6 TRX 1 27.5

Front



Note : Spoke placement in accordance with the drawings shown
(Spoke #4 is located inside of # 3) (Spoke #6 is located inside of # 5)

Rear



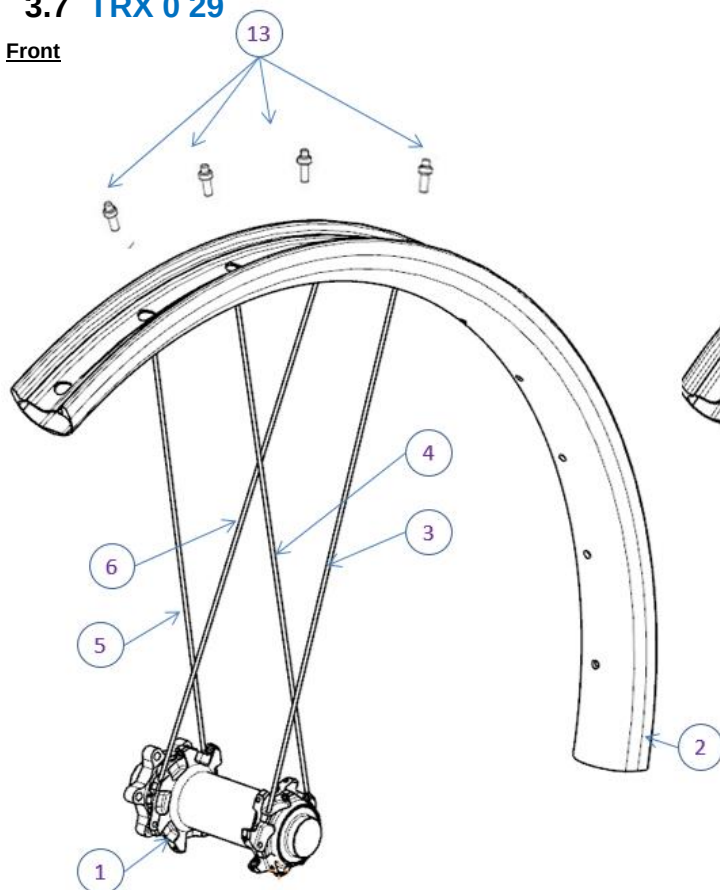
Note : Spoke placement in accordance with the drawings shown
(Spoke #10 is located inside of # 9) (Spoke #12 is located inside of # 11)

TRX 1 27.5

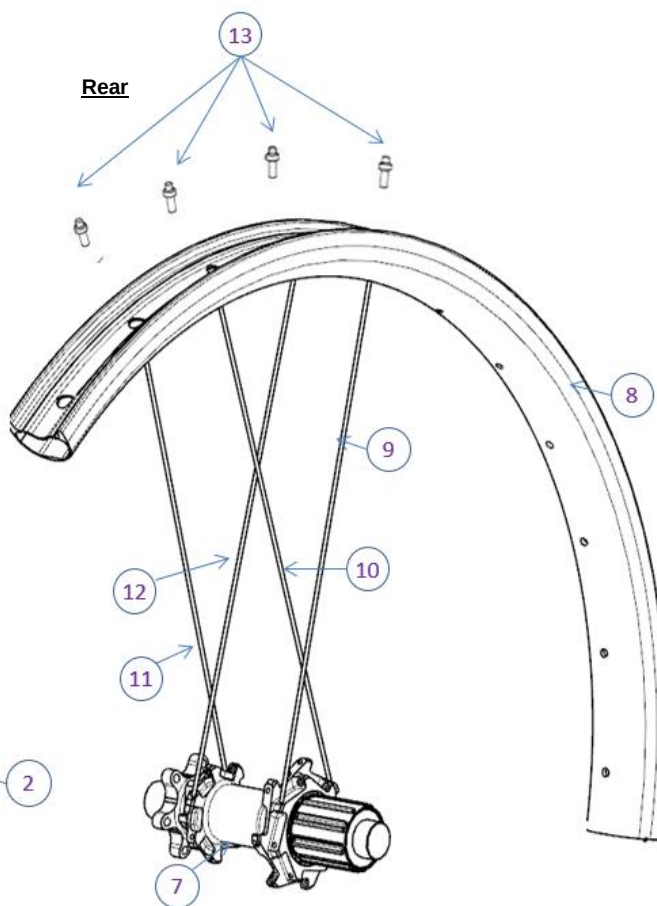
Front Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT360M-701	DT 360 FRONT HUB FOR XCR 1/TRX 1/XCT 1 28X110 15MM MATT BLACK W/O QR W/MY17 CUSTOM LOGO	
Front	Rim	2			
Front	Spoke(Non-Disc Side-outer)	3	154S-L1415SB279	SAPIM LASER TCS Straight Pull 14G-15GX279 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	4	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX275 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-outer)	5	154S-L1415SB279	SAPIM LASER TCS Straight Pull 14G-15GX279 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	6	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX275 2.0X1.5X2.0 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	7	1520-DT360M-702	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT360M-701	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
Rear	Rim	8			
Rear	Spoke(Drive Side-outer)	9	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX275 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	10	154S-L1415SB271	SAPIM LASER TCS Straight Pull 14G-15GX271 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	11	154S-L1415SB279	SAPIM LASER TCS Straight Pull 14G-15GX280 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	12	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX276 2.0X1.5X2.0 BLK	MOQ:20
Front /Rear	Nipple	13	154S-N14ADSBK16	NIPPLE AL ROUND DOUBLE SQUARE 2.0x16MM BLK SECURE LOCK	MOQ:100
Front /Rear	Valve		1570-XH591A-801	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR RIM INNER WIDTH 17~23MM)	
Front /Rear	Valve Adaptor		1570-XH591A-701	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR GIANT ON/OFF ROAD WHEEL)	

3.7 TRX 0 29

Front



Rear



Note : Spoke placement in accordance with the drawings shown

(Spoke #4 is located inside of # 3) (Spoke #6 is located inside of # 5)

Note : Spoke placement in accordance with the drawings shown

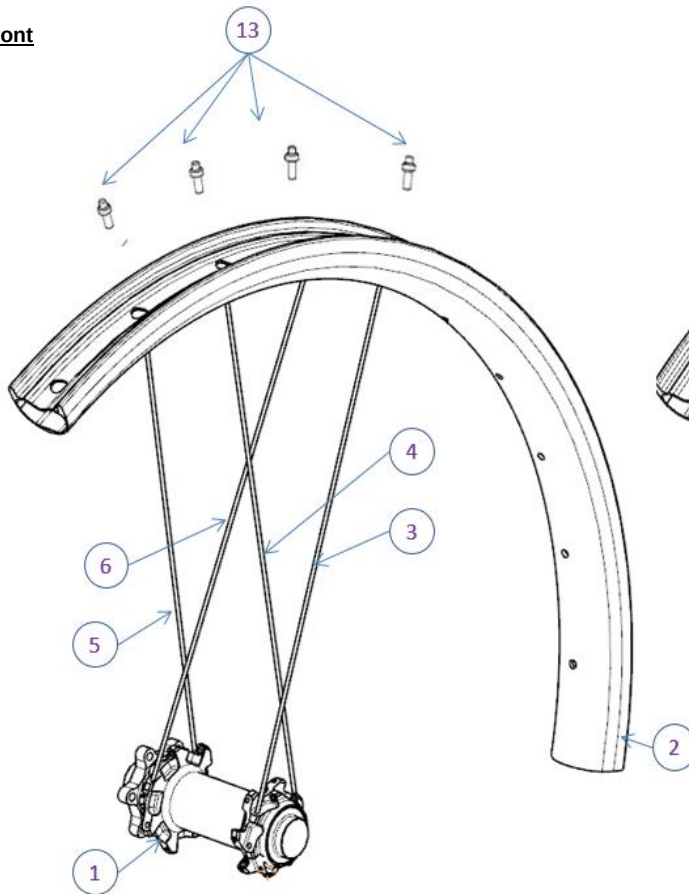
(Spoke #10 is located inside of # 9) (Spoke #12 is located inside of # 11)

TRX 0 29

Front /Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT240M-701	DT 240S FRONT HUB FOR XCR 0/TRX 0 28X110 15MM W/O QR W/MY17 CUSTOM	
Front	Rim	2			
Front	Spoke(Non-Disc Side-outer)	3	154S-SUPSPB298	SUPER SPOKE 298MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	4	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Disc Side-outer)	5	154S-SUPSPB298	SUPER SPOKE 298MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	6	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	7	1520-DT240M-702	DT 240S REAR HUB FOR XCR 0/TRX 0 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT240M-701	DT 240S REAR HUB FOR XCR 0/TRX 0 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT	
Rear	Rim	8			
Rear	Spoke(Drive Side-outer)	9	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	10	154S-SUPSPB290	SUPER SPOKE 290MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	11	154S-SUPSPB298	SUPER SPOKE 298MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	12	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Front /Rear	Nipple	13	154S-DBSQBALS16	NIPPLE AL ROUND DOUBLE SQUARE 1.8x16MM BLK SECURE LOCK	MOQ:100
Front /Rear	Valve		1570-XH591A-801	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR RIM INNER WIDTH 17~23MM)	
Front /Rear	Valve Adaptor		1579-ADAPTR-701	VLD-259 VALVE ADAPTOR FOR TRX0/1, XCR0/1, PX2/SX2, XC1/2	

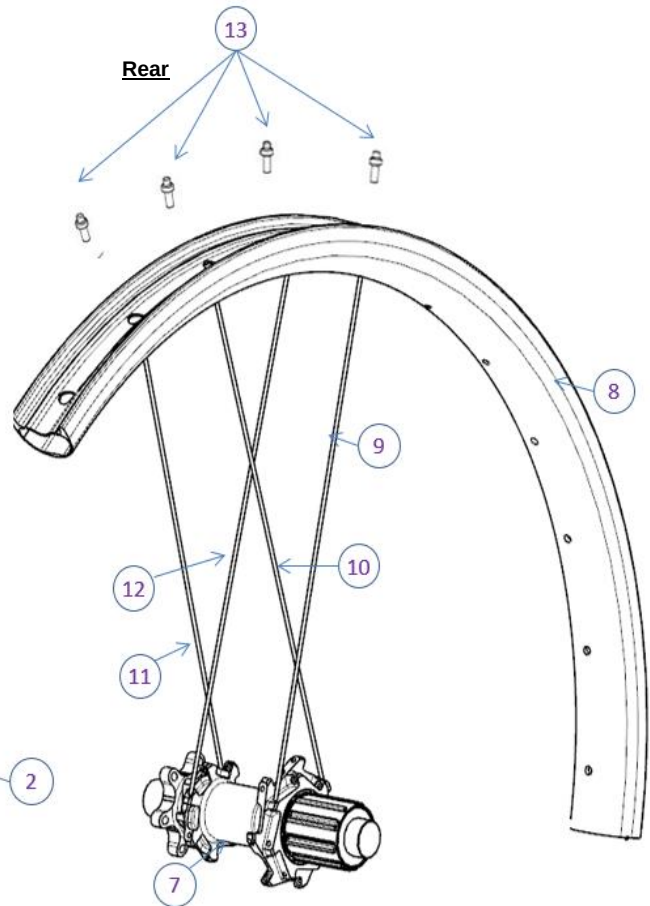
3.8 TRX 1 29

Front



Note : Spoke placement in accordance with the drawings shown
(Spoke #4 is located inside of #3) (Spoke #6 is located inside of #5)

Rear



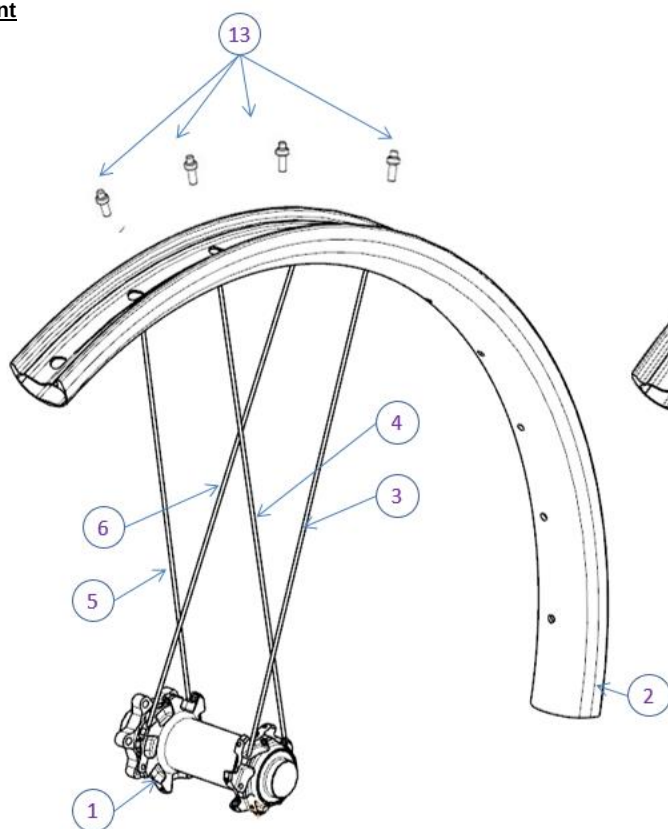
Note : Spoke placement in accordance with the drawings shown
(Spoke #10 is located inside of #9) (Spoke #12 is located inside of #11)

TRX 1 29

Front Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT360M-701	DT 360 FRONT HUB FOR XCR 1/TRX 1/XCT 1 28X110 15MM MATT BLACK W/O QR W/MY17 CUSTOM LOGO	
Front	Rim	2			
Front	Spoke(Non-Disc Side-outer)	3	154S-L1415SB298	SAPIM LASER TCS Straight Pull 14G-15GX298 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	4	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX294 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-outer)	5	154S-L1415SB298	SAPIM LASER TCS Straight Pull 14G-15GX298 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	6	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX294 2.0X1.5X2.0 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	7	1520-DT360M-702	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT360M-701	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
Rear	Rim	8			
Rear	Spoke(Drive Side-outer)	9	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX274 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	10	154S-L1415SB290	SAPIM LASER TCS Straight Pull 14G-15GX290 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	11	154S-L1415SB298	SAPIM LASER TCS Straight Pull 14G-15GX298 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	12	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX274 2.0X1.5X2.0 BLK	MOQ:20
Front /Rear	Nipple	13	154S-N14ADSBK16	NIPPLE AL ROUND DOUBLE SQUARE 2.0x16MM BLK SECURE LOCK	MOQ:100

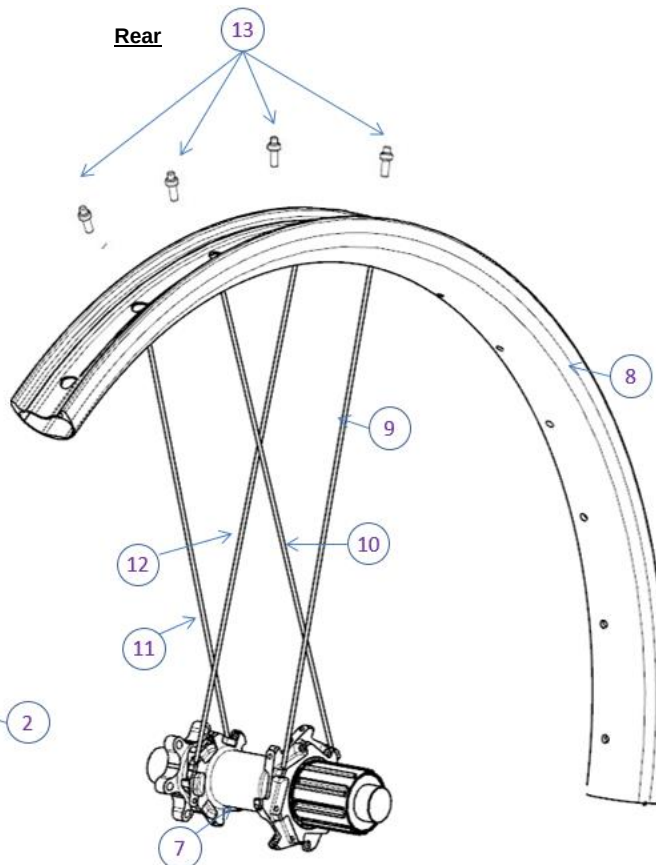
3.9 XCR 0 29

Front



Note : Spoke placement in accordance with the drawings shown
(Spoke #4 is located inside of # 3) (Spoke #6 is located inside of # 5)

Rear



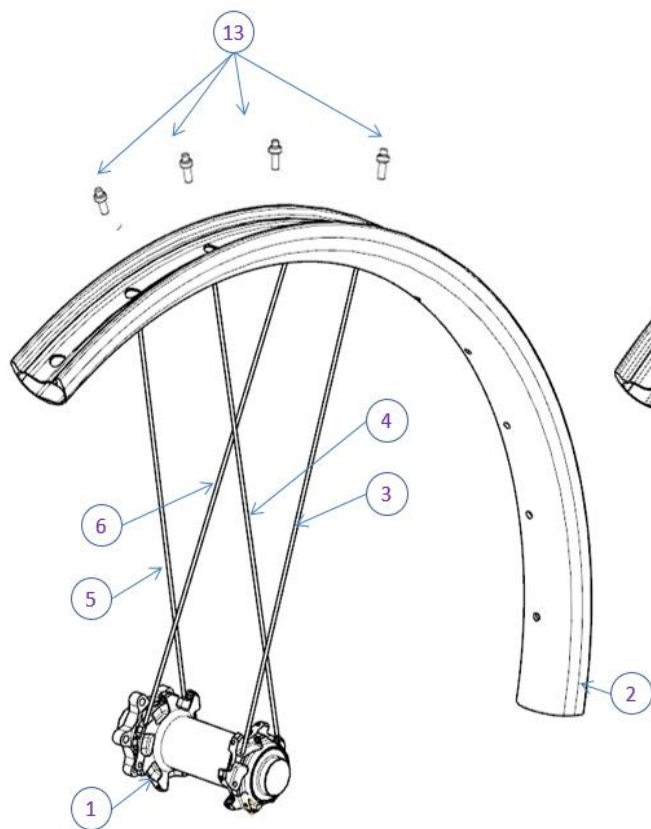
Note : Spoke placement in accordance with the drawings shown
(Spoke #10 is located inside of # 9) (Spoke #12 is located inside of # 11)

XCR 0 29

Front /Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT240M-701	DT 240S FRONT HUB FOR XCR 0/TRX 0 28X110 15MM W/O QR W/MY17 CUSTOM LOGO	
Front	Rim	2			
Front	Spoke(Non-Disc Side-outer)	3	154S-SUPSPB298	SUPER SPOKE 298MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	4	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Disc Side-outer)	5	154S-SUPSPB298	SUPER SPOKE 298MM 1.8/1.4/1.8 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	6	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	7	1520-DT240M-702	DT 240S REAR HUB FOR XCR 0/TRX 0 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT240M-701	DT 240S REAR HUB FOR XCR 0/TRX 0 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
Rear	Rim	8			
Rear	Spoke(Drive Side-outer)	9	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	10	154S-SUPSPB290	SUPER SPOKE 290MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	11	154S-SUPSPB298	SUPER SPOKE 298MM 1.8/1.4/1.8 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	12	154S-SUPSPB294	SUPER SPOKE 294MM 1.8/1.4/1.8 BLK	MOQ:20
Front /Rear	Nipple		154S-SUPSPB290	SUPER SPOKE 290MM 1.8/1.4/1.8 BLK	MOQ:100
Front /Rear	Valve		1570-XH591A-801	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR RIM INNER WIDTH 17~23MM)	
Front /Rear	Valve Adaptor		1579-ADAPTR-701	VLD-259 VALVE ADAPTOR FOR TRX0/1, XCR0/1, PX2/SX2, XC1/2	

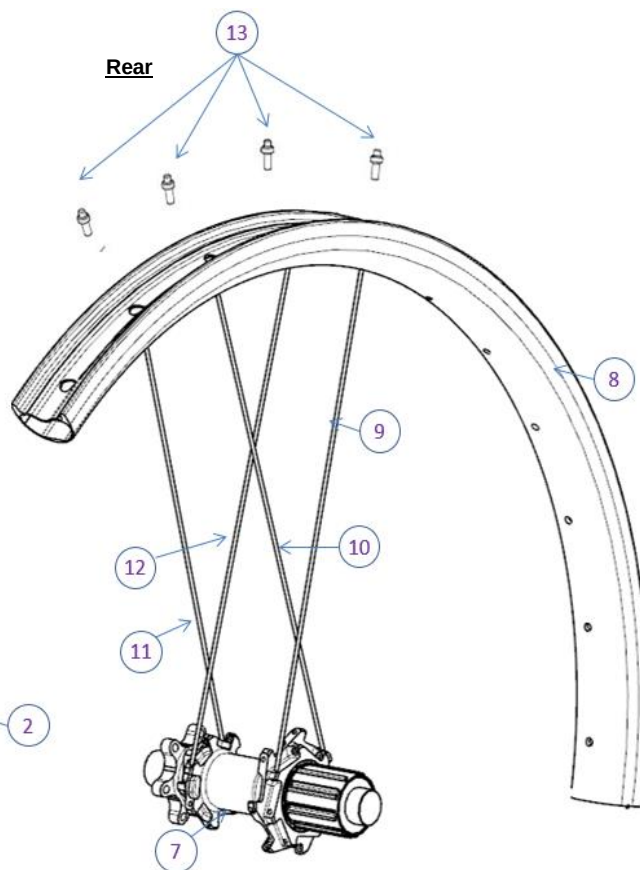
3.10 XCR 1 29

Front



Note : Spoke placement in accordance with the drawings shown
(Spoke #4 is located inside of # 3) (Spoke #6 is located inside of # 5)

Rear



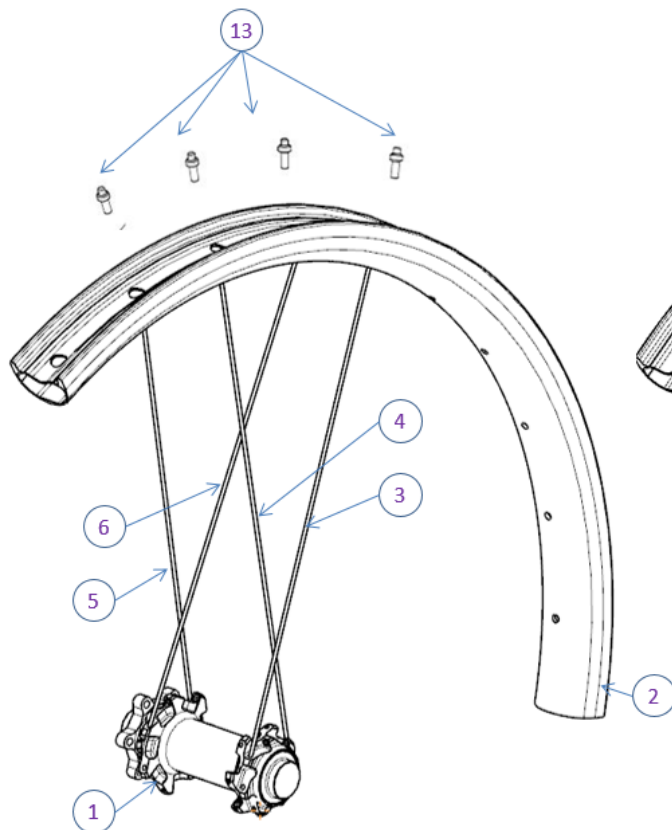
Note : Spoke placement in accordance with the drawings shown
(Spoke #10 is located inside of # 9) (Spoke #12 is located inside of # 11)

XCR 1 29

Front /Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT360M-701	DT 360 FRONT HUB FOR XCR 1/TRX 1/XCT 1 28X110 15MM MATT BLACK W/O QR W/MY17 CUSTOM LOGO	
Front	Rim	2			
Front	Spoke(Non-Disc Side-outer)	3	154S-L1415SB298	SAPIM LASER TCS Straight Pull 14G-15GX298 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	4	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX294 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-outer)	5	154S-L1415SB298	SAPIM LASER TCS Straight Pull 14G-15GX298 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	6	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX294 2.0X1.5X2.0 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	7	1520-DT360M-702	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT360M-701	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
Rear	Rim	8			
Rear	Spoke(Drive Side-outer)	7	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX274 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	7	154S-L1415SB290	SAPIM LASER TCS Straight Pull 14G-15GX290 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	8	154S-L1415SB298	SAPIM LASER TCS Straight Pull 14G-15GX298 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	8	154S-L1415SB294	SAPIM LASER TCS Straight Pull 14G-15GX274 2.0X1.5X2.0 BLK	MOQ:20
Front /Rear	Nipple	9	154S-N14ADSBK16	NIPPLE AL ROUND DOUBLE SQUARE 2.0x16MM BLK SECURE LOCK	MOQ:100
Front /Rear	Valve		1570-XH591A-801	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR RIM INNER WIDTH 17~23MM)	
Front /Rear	Valve Adaptor		1570-XH591A-701	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR GIANT ON/OFF ROAD WHEEL)	

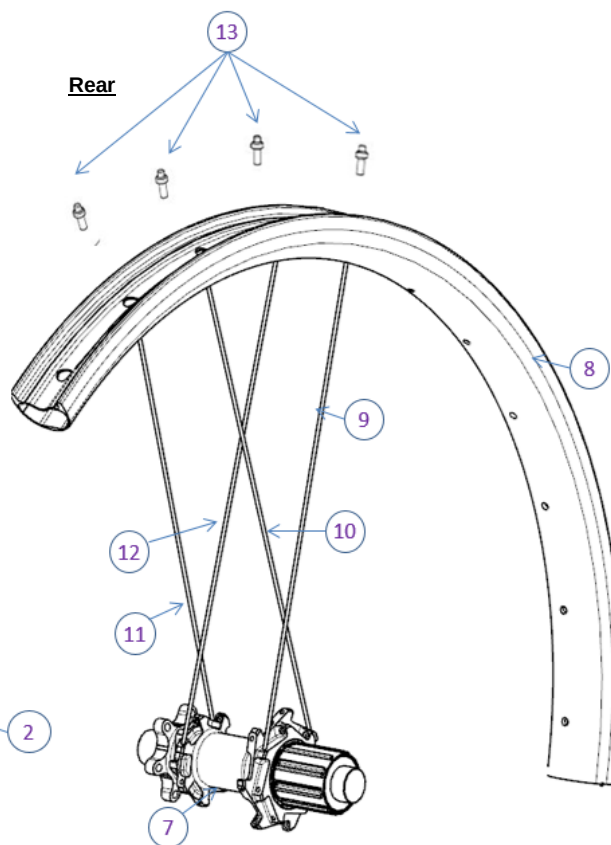
3.11 TR 1 27.5

Front



Note : Spoke placement in accordance with the drawings shown
(Spoke #4 is located inside of # 3) (Spoke #6 is located inside of # 5)

Rear



Note : Spoke placement in accordance with the drawings shown
(Spoke #10 is located inside of # 9) (Spoke #12 is located inside of # 11)

TR1 27.5

Front /Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Hub	1	1510-DT360M-701	DT 360 FRONT HUB FOR XCR 1/TRX 1/XCT 1 28X110 15MM MATT BLACK W/O QR W/MY17	
Front	Rim	2	1530-TR1275-901	TR 1(25D-30-275) 27.5X28H AL F/V B.BLK WO/CNC WELD W/MY19 TR1 DECAL	
Front	Spoke(Non-Disc Side-outer)		154S-L1415SB279	SAPIM LASER TCS Straight Pull 14G-15GX279 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Non-Disc Side-inner)	3	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX275 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-outer)		154S-L1415SB279	SAPIM LASER TCS Straight Pull 14G-15GX279 2.0X1.5X2.0 BLK	MOQ:20
Front	Spoke(Disc Side-inner)	4	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX275 2.0X1.5X2.0 BLK	MOQ:20
Rear	Hub (Shimano & NON-XD)	5	1520-DT360M-702	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK NON XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
	Hub (SRAM XD)		1520-DT360M-701	DT 360S REAR HUB FOR XCR 1/TRX 1/XCT 1 28X148 12MM BLK XD DRIVE W/O QR W/MY17 GIANT CUSTOM LOGO	
Rear	Rim	8	1530-TR1275-901	TR 1(25D-30-275) 27.5X28H AL F/V B.BLK WO/CNC WELD W/MY19 TR1 DECAL	
Rear	Spoke(Drive Side-outer)	9	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX275 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Drive Side-inner)	10	154S-L1415SB271	SAPIM LASER TCS Straight Pull 14G-15GX271 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-outer)	11	154S-L1415SB279	SAPIM LASER TCS Straight Pull 14G-15GX280 2.0X1.5X2.0 BLK	MOQ:20
Rear	Spoke(Non-Drive Side-inner)	12	154S-L1415SB275	SAPIM LASER TCS Straight Pull 14G-15GX276 2.0X1.5X2.0 BLK	MOQ:20
Front /Rear	Nipple	13	154S-N14ADSBK16	NIPPLE AL ROUND DOUBLE SQUARE 2.0x16MM BLK SECURE LOCK	MOQ:100
Front /Rear	Valve		1570-XH591A-801	XH-591 45MM VALVE BLK FOR TUBELESS TIRE(FOR RIM INNER WIDTH 17~23MM)	
Front /Rear	Valve Adaptor		1579-ADAPTR-701	VLD-259 VALVE ADAPTOR FOR TRX0/1, XCR0/1, PX2/SX2, XC1/2	

4. Hub System

Model Year	Hub System	F/R	PN	Description	Model
MY19	SLR Hub	Front	1510-SLR0AA-801	Disc, 21H X 100, 12MM	SLR0 Aero Disc (42mm) (Propel ADSL D)
			1510-SLR1AA-801	Disc, 21H X 100, 12MM	SLR0 Aero Disc (42mm) (Propel AD PRO D)
			1510-SLR0AA-901	16H X100, 5MM	SLR0 Aero (65mm)
			1510-SLR1AA-901	16H X100, 5MM	
MY19	GDC 240 F	Front	1510-DT240R-901 (1510-DT240R-701)	16H X100, 5MM	SLR0 (30mm) SLR0 Aero (42mm)
MY19	GDC 240 R	Rear	1520-DT240R-901 (1520-DT240R-701)	21H X130, 5MM	SLR0 (30mm) SLR0 Aero (42mm)
			1520-DT240R-904 (1520-DT240R-801)	Disc 24H X142, 12MM	SLR0 Aero Disc (42mm) SLR0 Aero Disc (65mm)
			1520-DT240R-904 (with CA logo)	Disc 24H X142, 12MM	
MY19	GDC 240 M	Front	1510-DT240M-901 (1510-DT240M-701)	28H X110, 15MM	TRX 0 27.5 TRX 0 29
		Rear	1520-DT240M-901 (1520-DT240M-701)	28H X148, 12MM, XD system	TRX 0 27.5 TRX 0 29
			1520-DT240M-902 (1520-DT240M-702)	28H X148, 12MM, non-XD system	
MY19	GDC360 F	Front	1510-DT360R-901 (1510-DT360R-701)	16H X 100, 5MM	SLR1 Aero (65mm)
			1510-DT360R-902 (1510-DT360R-801)	Disc 21H X100, 12MM	
			1510-DT360R-903 (1510-DT360R-802)	Disc 21H X100, 12MM	SLR1 Disc (30mm) SLR1 Aero Disc (42mm)
MY19	GDC 360 R	Rear	1520-DT360R-902 (1520-DT360R-801)	Disc 24HX142, 12MM	SLR1 Disc (30mm) SLR1 Aero Disc (42mm)
			1520-DT360R-901 (1520-DT360R-701)	21H X130, 5MM	SLR1 Aero (65mm)
MY19	GDC 360 M	Front	1510-DT360M-901 (1510-DT360M-701)	28H X110, 15MM	TRX 1 27.5 TRX 1 29 TR 1 XCR 1 29
		Rear	1520-DT360M-901 (1520-DT360M-701)	28H X148, 12MM, XD system	
			1520-DT360M-902 (1520-DT360M-702)	28H X148, 12MM, non-XD system	TRX 1 27.5 TRX 1 29 XCR 1 29

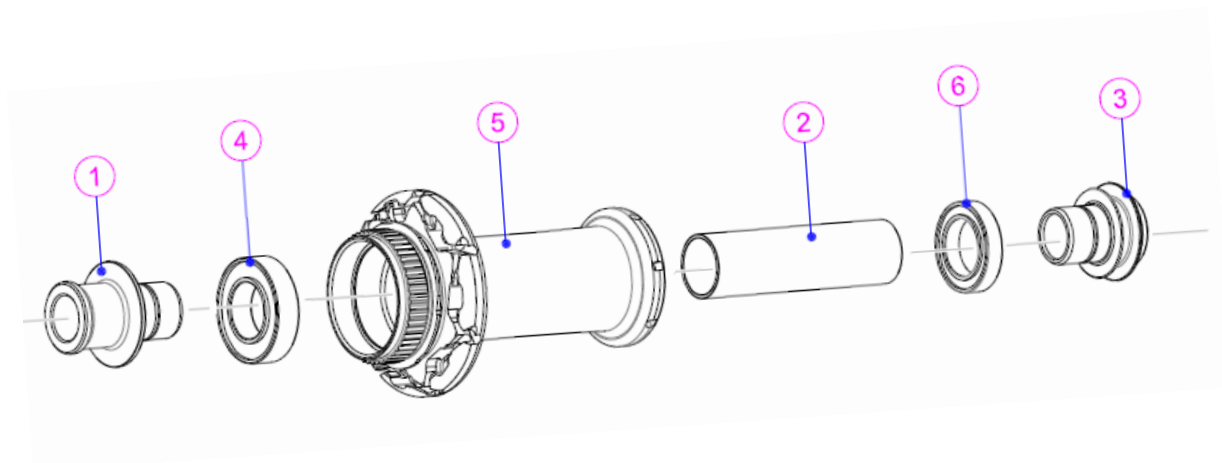
4.1 GDC SLR HUB

4.1.1 Front

1510-SLR0AA-801

1510-SLR1AA-801

(Disc, 21 X 100, 12MM AXLE)



F R	Part	GTM part number	Ref.	Spec Description
Front	END CAP	151C-ENDCAP-901	1	Left Side Cap TA12*100,W /o-ring
Front	BEARING	151C-BEARIN-901	4	B.BEARING Ø28*15*7
Front	HUB SHELL		5	FW HUBSHELL
Front	AXLE	151A-AXLEAA-901	2	AXLE Ø17* Ø15.05*59.3
Front	BEARING	151C-BEARIN-902	6	B.BEARING Ø24* Ø15*5
Front	END CAP	151C-ENDCAP-902	3	Right Side Cap, W /o-ring

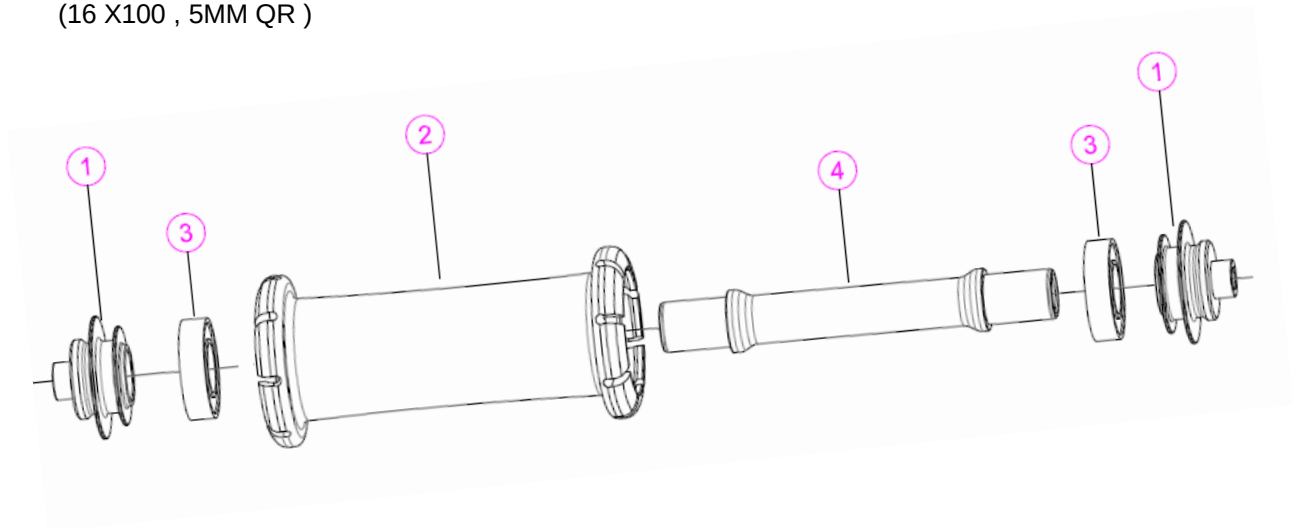
**() is substitution part number, technically they are identical to each other.

4.1.2 Front

1510-SLR0AA-901

1510-SLR1AA-901

(16 X100 , 5MM QR)



F R	Part	GTM part number	Ref.	Spec Description
Front	END CAP	151C-ENDCAP-903	1	Left Side Cap QR5*100, W/ o-ring
Front	BEARING	151C-BEARIN-903	3	B.BEARING 6901-2RS P6 C0
Front	HUB SHELL		2	FW HUBSHELL, 16H 14G
Front	AXLE	151A-AXLEAA-902	4	AXLE Ø15*94.4 BLK

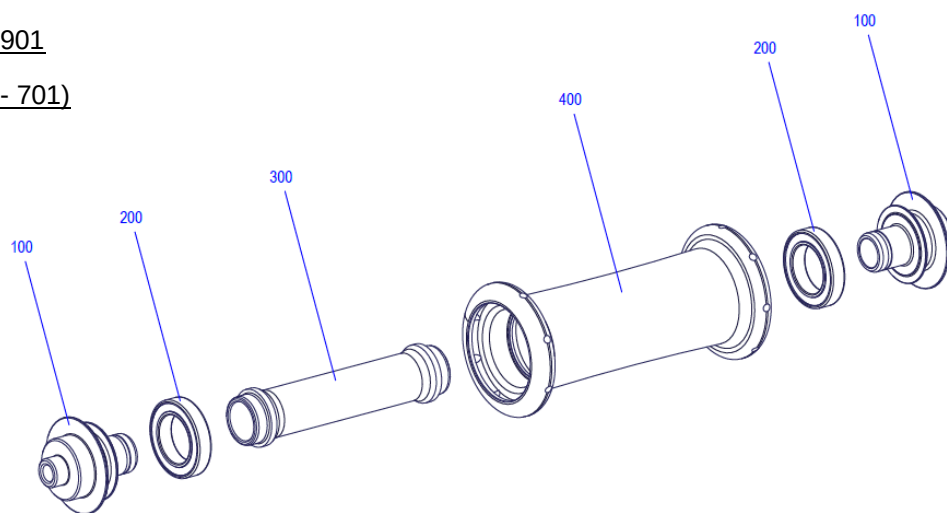
** () is substitution part number, technically they are identical to each other.

4.2 GDC 240F

4.2.1 Front

1510-DT240R-901

(1510-DT240R- 701)

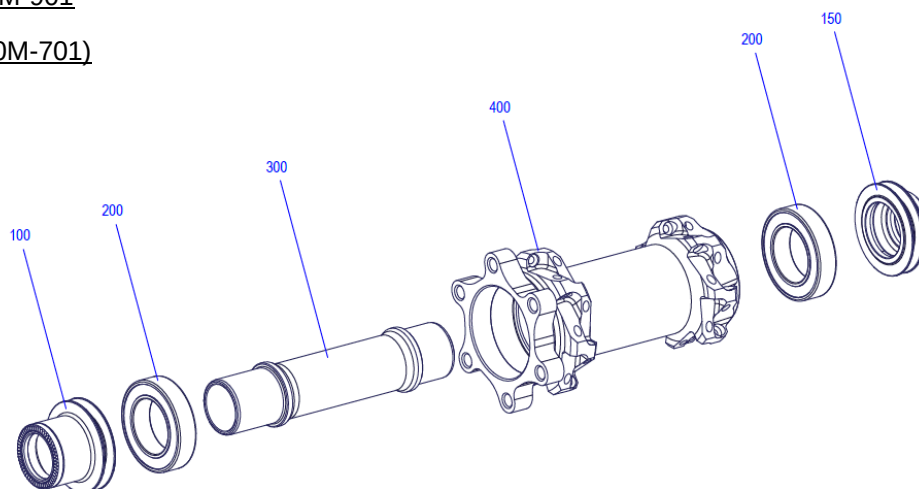


Front Rear	Part	DT no.	Ref.	Spec Description
Front	HUB SHELL		400	FW HUB SHELL 24P NONDISC BM R16 GIA
Front	AXLE	HRCXXX00N6744S	300	FW AXLE AL 100MM Ø15/64.1MM
Front	BEARING	HSBXXX00N1244S	200	B.BEARING 6802 ESB/ESNB
Front	ADAPTOR	HWAXXX00S6752C	100	FW ADAPT BG 100X NONDISC QR BLACK

4.2.2 Front

1510-DT240M-901

(1510-DT240M-701)



Front Rear	Part	DT no.	Ref.	Spec Description
Front	HUB SHELL		400	FW HUBSHELL 240 DBIS 110 BM WS B
Front	AXLE	HRCXXX00N6451S	300	FW AXLE AL 110MM Ø18/64.3MM
Front	BEARING	HSBXXX00N3742S (HSBXXX00N2148S)	200	B.BEARING ESB/ESNB 6903, spec.ID Ø18
Front	ADAPTOR	HWAXXX00S4468S	100	FW ADAPT WP 100L DBCL TA15 OR B 240S
Front	ADAPTOR	HWAXXX00S4469S	150	FW ADAPT WP 100X DISC TA15 OR 240S

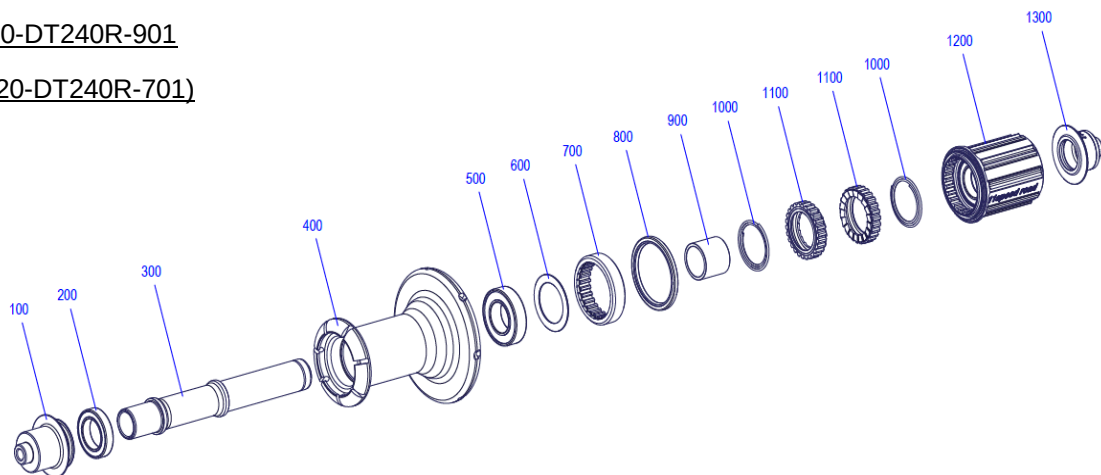
**() is substitution part number, technically they are identical to each other.

4.3 GDC 240R

4.3.1 Rear

1520-DT240R-901

(1520-DT240R-701)

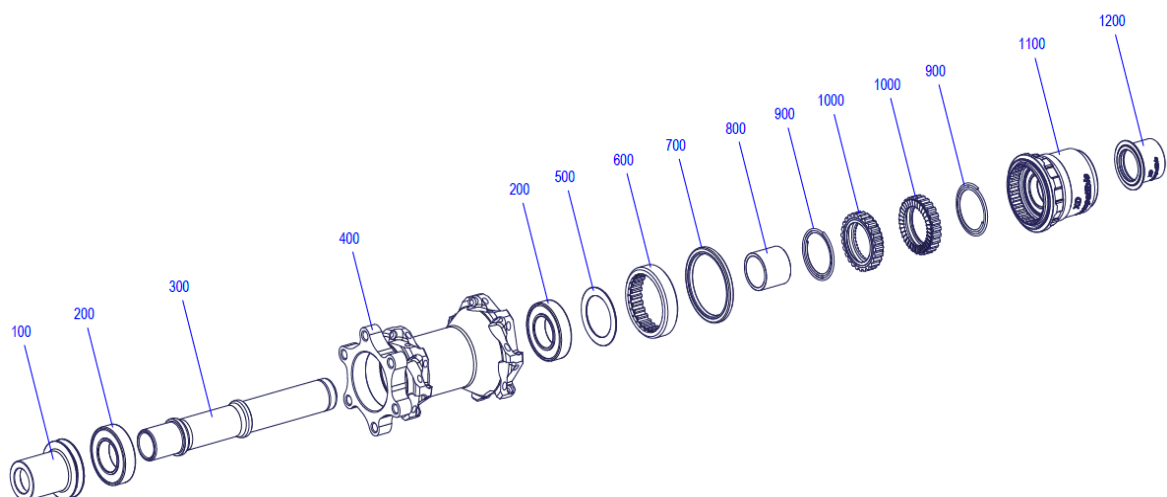


Front Rear	Part	DT no.	Ref.	Spec Description
Rear	HUB SHELL		400	RW HUBSHELL 24P ROAD BM S21 GIA
Rear	AXLE	HCCXXX00S2216S	300	RW AXLE AL XXXMM Ø15/42.1MM
Rear	BEARING	HSBXXX00N1244S	200	B.BEARING 6802 ESB/ESNB
Rear	BEARING	HSBXXX00N1468S	500	B.BEARING 6902 ESB/ESNB
Rear	SHIM RING	HCDXXX00S1083S	600	SHIM RING Ø28/20X0.5MM
Rear	RING NUT	HCDXXX00S1110S	700	RING NUT ALLOY M34X1 240
Rear	SEAL	HSOXXX00N1031S	800	SEAL HUB/ROTOR (Ø30x36x2.5mm)
Rear	SPACER	HCDXXX00S1077S	900	SPACER ALLOY 15,4MM BL
Rear	SPRING	HXDXXX00N1087S	1000	SPRING HÜGI 240/FR/240S/44
Rear	STAR RATCHET	HCDXXX00N1742S	1100	STAR RATCHET SL
Rear	ROTOR	HWRABX00S2799S	1200	ROTOR BG ASLS11 ROAD S KL_S
Rear	LEFT ADAPTOR	HWAXXX00S6751C	100	RW ADAPT BG 130L QR BLACK
Rear	RIGHT ADAPTOR	HWAXXX00S2777S	1300	RW ADAPTER BG ROAD 130R QR S 11SPEED

4.3.3 Rear

1520-DT240M-901 SRAM XD (1520-DT240M-701)

1520-DT240M-902 SHIMANO& SRAM Non-XD (1520-DT240M-702)

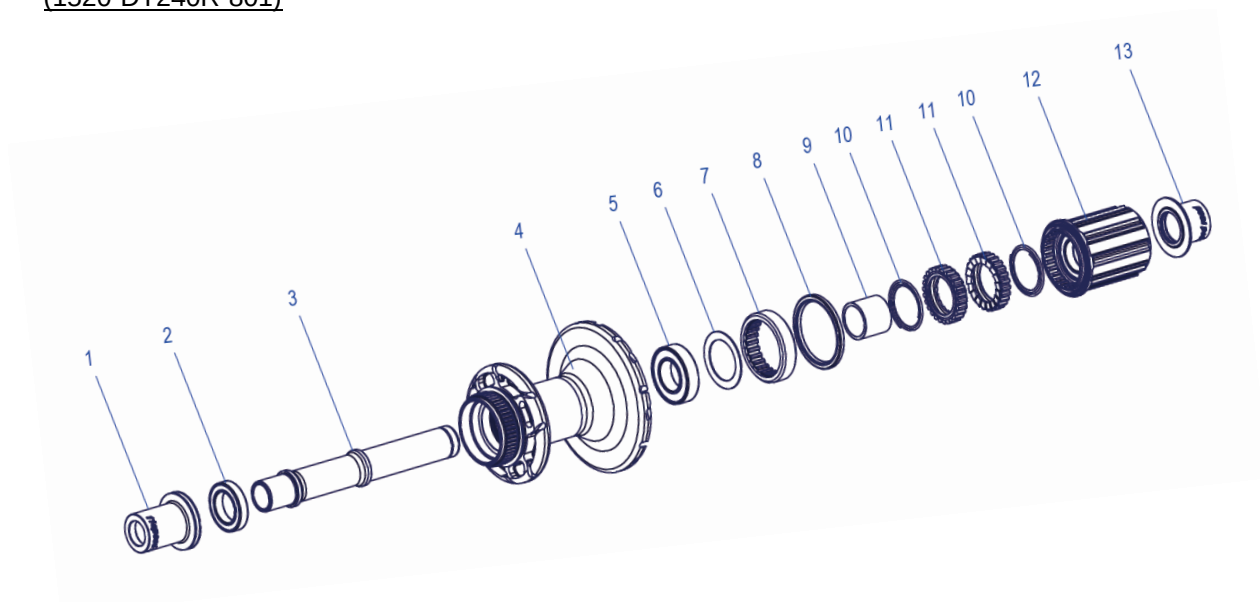


F/R	Part	DT no.	Ref.	Spec Description
Rear	LEFT ADAPTOR	HWA00100S2193C	100	RW ADAPT WP 142L DBIS TA12 B
Rear	BEARING	HSBXXX00N1468S	200	B.BEARING 6902 ESB/ESNB
Rear	AXLE	HCCXXX00S6450S	300	RW AXLE AL XXXMM Ø15/48.1MM
Rear	HUB SHELL		400	RW HUBSHELL 240 DBIS BO 148 BM WS B
Rear	SHIM RING	HCDXXX00S1083S	500	SHIM RING Ø28/20X0.5MM
Rear	RING NUT	HCDXXX00S1110S	600	RING NUT ALLOY M34X1 240
Rear	SEAL	HSOXXX00N1031S	700	SEAL HUB/ROTOR (Ø30x36x2.5mm)
Rear	SPACER	HCDXXX00S1077S	800	SPACER ALLOY 15,4MM BL
Rear	SPRING	HXDXXX00N1087S	900	SPRING HÜGI 240/FR/240S/440
Rear	STAR RATCHET	HCDXXX00N1742S	1000	STAR RATCHET SL
Rear	ROTOR	HWRAAX00S3114S	1100	ROTOR BG ASRAM XD MTB B BB_S(<u>1520-DT240M-701</u>)
Rear	RIGHT ADAPTOR	HWAXXX00S3188S	1200	RW ADAPT WP XXXR SA12 S SRAM XD(<u>1520-DT240M-701</u>)
Rear	ROTOR	HWRABX00S1996S	1100	ROTOR WP ASLS B BB_S (<u>1520-DT240M-702</u>)
Rear	RIGHT ADAPTOR	HWA00100S2192C	1200	RW ADAPT WP 142R DBIS SA12S(<u>1520-DT240M-702</u>)

4.3.4 **Rear**

1520-DT240R-904

(1520-DT240R-801)



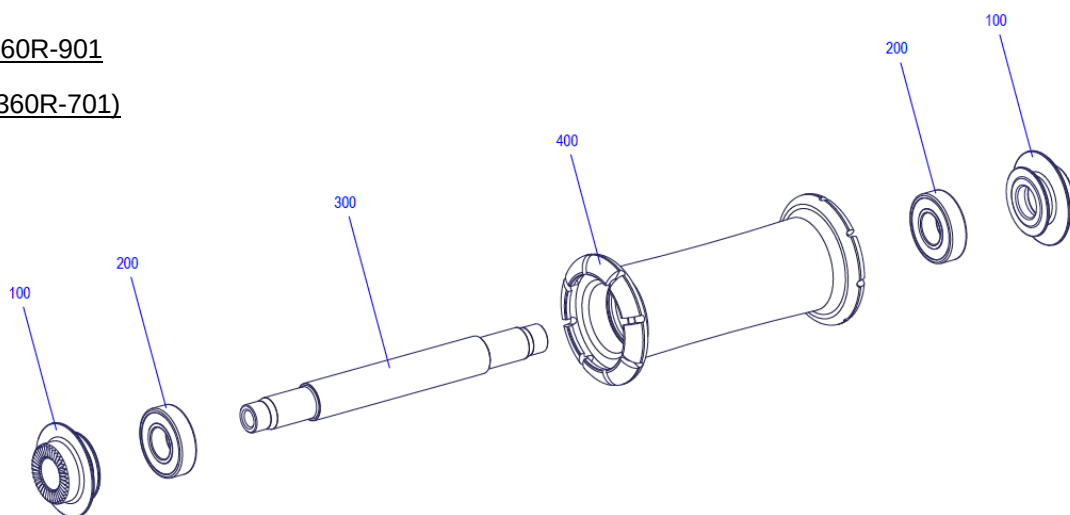
Front Rear	Part	DT parts no.	Ref.	Spec Description
Rear	LEFT ADAPTOR	HWAXXX00S6333S	1	RW ADAPT WP ROAD DB 142.0L TA12 B 11S
Rear	BEARING	HSBXXX00N1468S	2	B.BEARING 6902 ESB/ESNB
Rear	AXLE	HCCXXX00S2181S	3	RW AXLE AL XXXMM Ø15/44.1MM
Rear	HUB SHELL		4	RW HUBSHELL 240 DBCL B S24 GIANT SLR0 WS HWH11024S4275C
Rear	BEARING	HSBXXX00N1244S	5	B.BEARING 6802 ESB/ESNB
Rear	SHIM RING	HCDXXX00S1083S	6	SHIM RING Ø28/20X0.5MM
Rear	RING NUT	HCDXXX00S1110S	7	RING NUT ALLOY M34X1 240
Rear	SEAL	HSOXXX00N1031S	8	SEAL HUB/ROTOR (Ø30x36x2.5mm)
Rear	SPACER	HRDXXX00N4636S	9	SPACER ALLOY 15.4 (ROTOR S)
Rear	SPRING	HXDXXX00N1087S	10	SPRING HÜGI 240/FR/240S/440
Rear	STAR RATCHET	HCDXXX00N1742S	11	STAR RATCHET SL
Rear	ROTOR	HWRABX00S2799S	12	ROTOR WP ASLS11 ROAD B BB_S H
Rear	RIGHT ADAPTOR	HWA00100S3525C	13	RW ADAPT WP ROAD 142R TA12 B 11SPEED

4.4 GDC 360F

4.4.1 Front

1510-DT360R-901

(1510-DT360R-701)

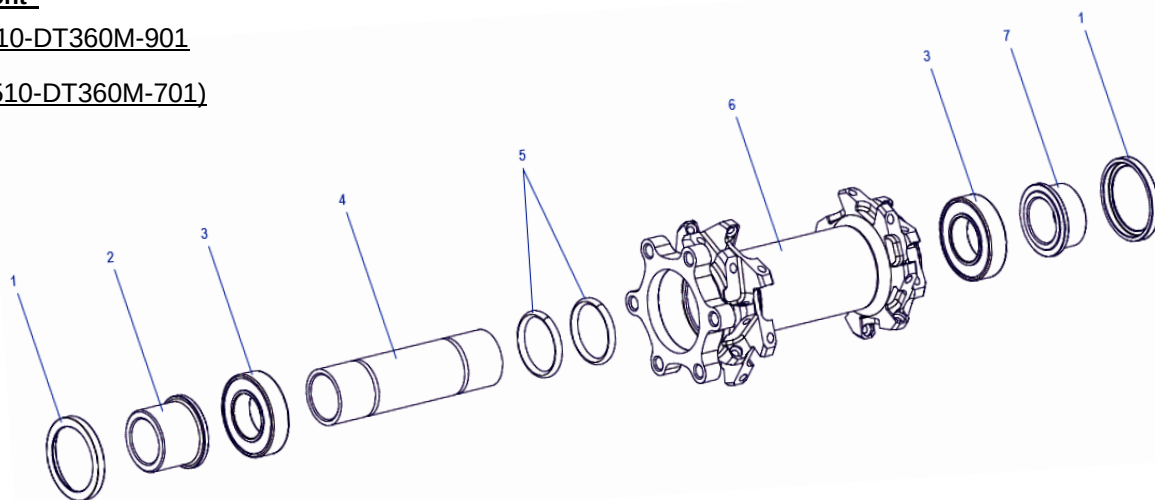


Front Rear	Part	Ref.	DT no.	Spec Description
Front	HUB SHELL	400		FW HUBSHELL 240 DBIS BLA R28 GIA
Front	AXLE	300	HCCXXX00S3979S	FW AXLE AL 100MM Ø18/54.3MM 240 DBCL
Front	BEARING	200	HSBXXX00N2622S	B.BEARING ESB/ESNB 6903, spec.ID Ø18
Front	ADAPTOR	100	HWAXXX00S6753C	FW ADAPT WP 100L DBCL SA15 S 240S

4.4.2 Front

1510-DT360M-901

(1510-DT360M-701)



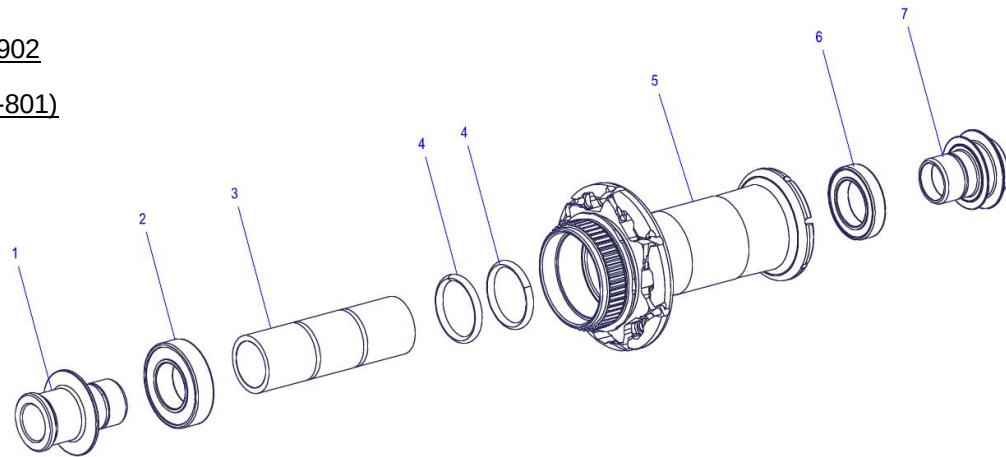
F R	Part	DT no.	Ref.	Spec Description
Rear	COVER	HCD00100S4603S	1	FW COVER FRO TA15MM
Rear	LEFT ADAPTOR	HCA00100S4601S	2	FW ADAPT SP 100L DBCL TA15 B
Rear	BEARING	HSBXXX00N2336S (HSBXXX00N1468S)	3	B.BEARING 6902 ESB/ESNB L
Rear	AXLE	HXD00000N6449S	4	SPACER Ø15MM X 67.2MM
Rear	O-RING	HSOXXX00X2164S	5	O- RING Ø18 X 2.5MM NBBR 70 SHORE ISO3601
Rear	HUB SHELL	HWH11028S9546C	6	FW HUBSHELL 370 DBIS BO 110 BM WS B
Rear	RIGHT ADAPTOR	HCA00100S4602S	7	FW ADAPT SP 100R DBCL TA15 B

**() is substitution part number, technically they are identical to each other.

4.4.3 Front

1510-DT360R-902

(1510-DT360R-801)



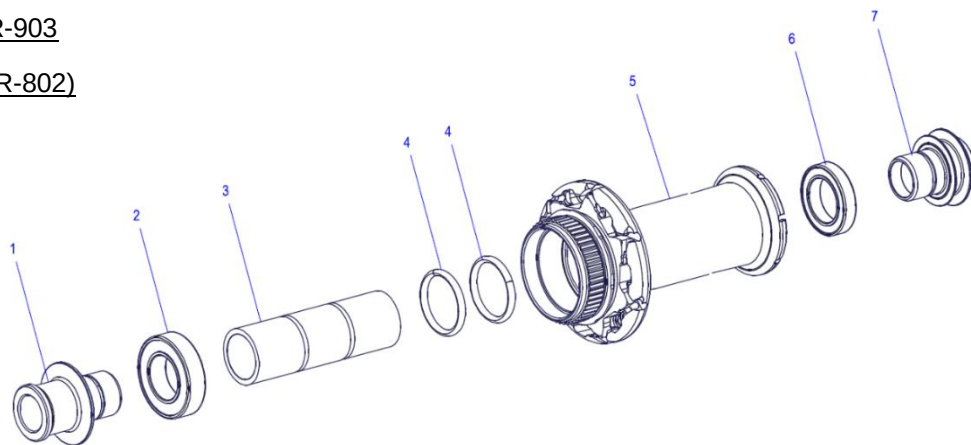
FJR	Part	DT no.	Ref.	Spec Description
Front	LEFT ADAPTOR	HWAXXX00S6885S	1	FW ADAPT WP 100L DISC TA12 B
Front	BEARING	HSBXXX00N3221S (HSBXXX00N1468S)	2	B.BEARING 6902 ESB/ESNB M
Front	AXLE	HXD00000N0325S	3	SPACER Ø15MM x 59.2MM
Front	O-RING	HSOXXX00X2164S	4	O-RING Ø18X2.5MM NBR 70 SHORE ISO3601
Front	HUB SHELL	HWH11021S4266C	5	FW HUBSHELL 370/350 CL B S21 GIA SLR0 WS
Front	BEARING	HSBXXX00N3222S (HSBXXX00N1244S)	6	B.BEARING 6802 ESB/ESNB M
Front	RIGHT ADAPTOR	HWAXXX00S3179S	7	FW ADAPT WP 100X DISC TA12 B

**() is substitution part number, technically they are identical to each other.

4.4.4 Front

1510-DT360R-903

(1510-DT360R-802)



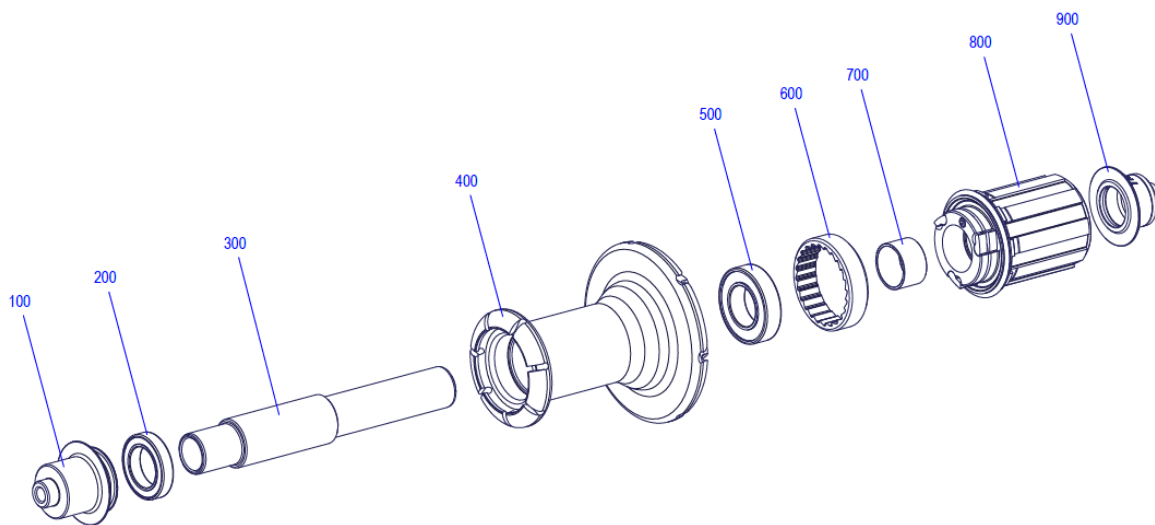
FJR	Part	DT no.	Ref.	Spec Description
Front	LEFT ADAPTOR	HWAXXX00S6885S	1	FW ADAPT WP 100L DISC TA12 B
Front	BEARING	HSBXXX00N3221S (HSBXXX00N1468S)	2	B.BEARING 6902 ESB/ESNB M
Front	AXLE	HXD00000N0325S	3	SPACER Ø15MM x 59.2MM
Front	O-RING	HSOXXX00X2164S	4	O-RING Ø18X2.5MM NBR 70 SHORE ISO3601
Front	HUB SHELL	HWH11021S4267C	5	FW HUBSHELL 370/350 CL B S21 GIA SLR1 WS
Front	BEARING	HSBXXX00N3222S (HSBXXX00N1244S)	6	B.BEARING 6802 ESB/ESNB M
Front	RIGHT ADAPTOR	HWAXXX00S3179S	7	FW ADAPT WP 100X DISC TA12 B

4.5 GDC 360R

4.5.1 Rear

1520-DT360R-901

(1520-DT360R-701)



Front Rear	Part	Ref.		Spec Description
Rear	HUB SHELL	400		RW NABENGHEH 37P ROAD BLACK S21 GIA
Rear	AXLE	300	HCCXXX00N4635S	RW AXLE AL 130MM Ø18/42.1MM
Rear	BEARING	200	HSBXXX00N3222S (HSBXXX00N1244S)	B.BEARING 6802 ESB/ESNB M
Rear	BEARING	500	HSBXXX00N3221S (HSBXXX00N1468S)	B.BEARING 6902 ESB/ESNB M
Rear	RING NUT	600	HCDXXX00N6137S	RING NUT STEEL M34X1 3P
Rear	SPACER	700	HCDXXX00S4190S	SPACER STEEL 10.1MM BL
Rear	LEFT ADAPTOR	100	HWAXXX00S6751C	RW ADAPT BG 130L QR BLACK
Rear	RIGHT ADAPTOR	900	HWAXXX00S4464S	RW ADAPTER BG ROAD 130R QR S 11SPEED L
Rear	ROTOR	800	HWRABM00S4188S	ROTOR BG ASS11 3P S KL_M
Rotor	PAWL		HCDXXX00S4074S	PAWL
	SEAL		HSOXXX00N4083S	SEAL HUB/ROTOR NBR 70 (PAWL SYSTEM)
	SPRING		HXDXXX00S4197S	RETAINER SPRING Ø21.4

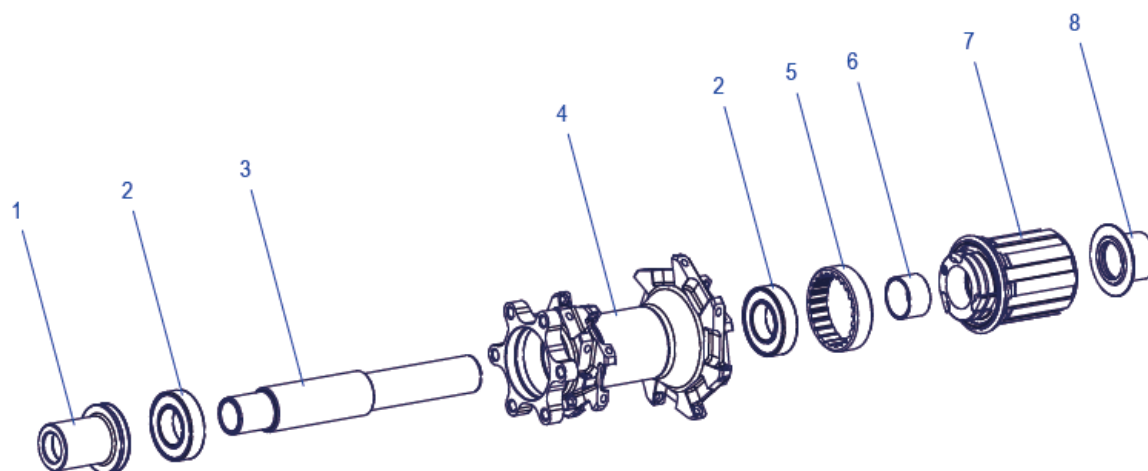
**() is substitution part number, technically they are identical to each other.

4.5.2

Rear

1520-DT360M-901 SRAM XD (1520-DT360M-701)

1520-DT360M-902 SHIMANO &SRAM Non-XD (1520-DT360M-702)



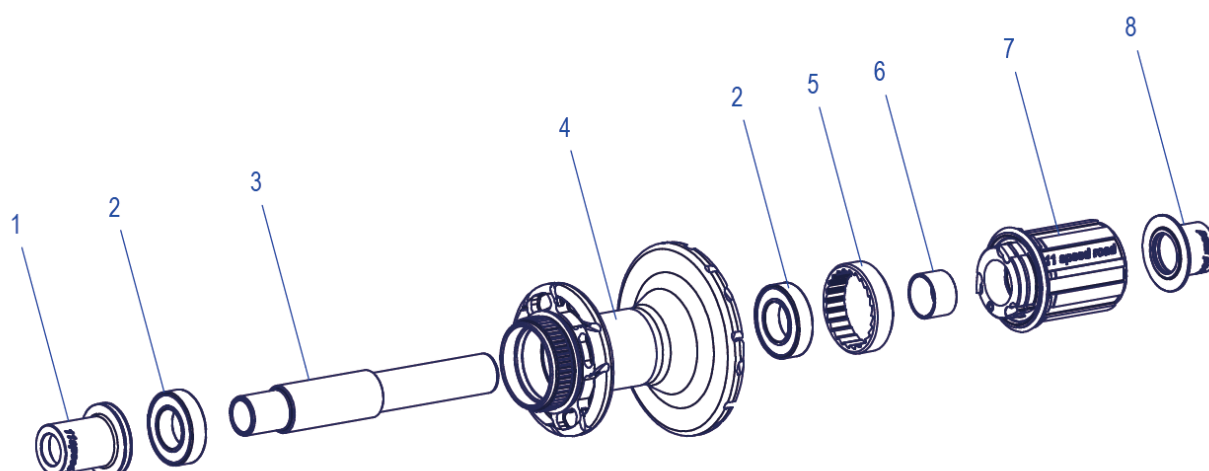
FJR	Part	DT no.	Ref.	Spec Description
Rear	LEFT ADAPTOR	HWAXXX00S4648S (HWA00100S2193)	1	RW ADAPT WP 142L TA12B
Rear	BEARING	HSBXXX00N3221S (HSBXXX00N1468S)	2	B.BEARING 6902 ESB/ESNB M
Rear	AXLE	HCCXXX00N6645S (HCCXXX00S6450S)	3	RW AXLE AL 148MM Ø18/48.1MM
Rear	HUB SHELL	HWH11028S9545C	4	RW HUBSHELL 360 DBIS BO 148 BM WS B
Rear	RING NUT	HCDXXX00N6137S	5	RING NUT STEEL M34X13P
Rear	SPACER	HCDXXX00S4190S	6	SPACER STEEL 10.1MM B
Rear	ROTOR	HWRABM00S3869S	7	ROTOR WP ASRAM XD 3P B BB_M (1520-DT360M-701)
Rear	RIGHT ADAPTOR	HWAXXX00S3188S	8	RW ADAPT WP XXXR TA12 B SRAM XD (1520-DT360M-701)
Rear	ROTOR	HWRABM00S4193S	7	ROTOR WP ASS 3P B BB_M (1520-DT360M-702)
Rear	RIGHT ADAPTOR	HWAXXX00S4637S (HWA00100S2192C)	8	RW ADAPT WP 142R TA12B(1520-DT360M-702)

**() is substitution part number, technically they are identical to each other.

4.5.3 Rear

1520-DT360R-902

(1520-DT360R-801)



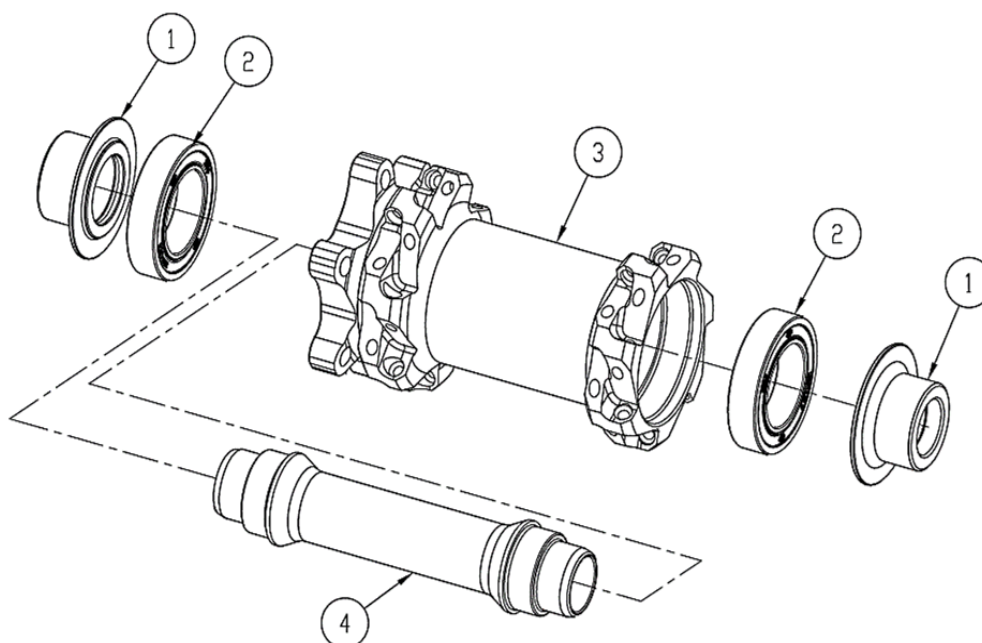
FJR	Part	DT no.	Spec Description
Rear	LEFT ADAPTOR	HWAXXX00S6333S	RW ADAPT BG ROAD DB 142.0L SA12 B 11S
Rear	BEARING	HSBXXX00N3221S (HSBXXX00N1468S)	B.BEARING 6902 ESB/ESNB M
Rear	AXLE	HCCXXX00N4635S	RW AXLE AL XXXMM Ø15/42.1MM L
Rear	HUB SHELL	HWH11024S4280C	RW HUBSHELL 360 DBCL B S24 GIANT SLR1 WS
Rear	RING NUT	HCDXXX00N6137S	RING NUT STEEL M34X1 3P
Rear	SPACER	HCDXXX00S4190S	SPACER STEEL 10.1MM BL
Rear	ROTOR	HWRABM00S4188S	ROTOR BG ASS11 3P S KL_M
Rear	RIGHT ADAPTOR	HWA00100S3525C	RW ADAPT BG ROAD 142R SA12 S 11SPEED

**() is substitution part number, technically they are identical to each other.

4.6 GRX 805F

Front

1510-RX1805-801

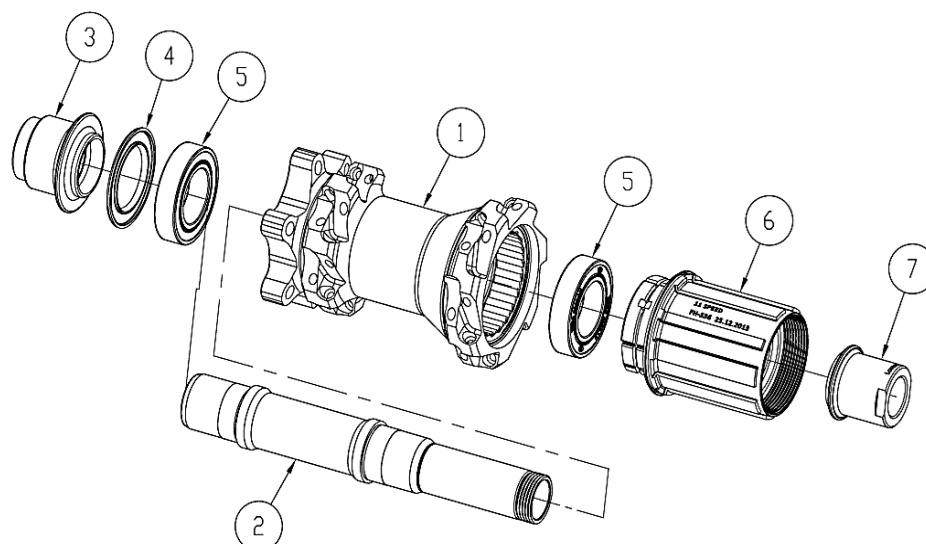


Front Rear	Part	Ref.	Part's Number	Spec Description	Remark
Front	Axle Kit Set	1,2,4	151A-AX1077-801	AX-1077 HUB AXLE KIT (FOR RX1805)	① x2 ② x2 ④ x1
Front	Bearing	3	1288-SB1830-501	SB-18307 HUB BEARING	2 pc/set

4.7 GRX 804R

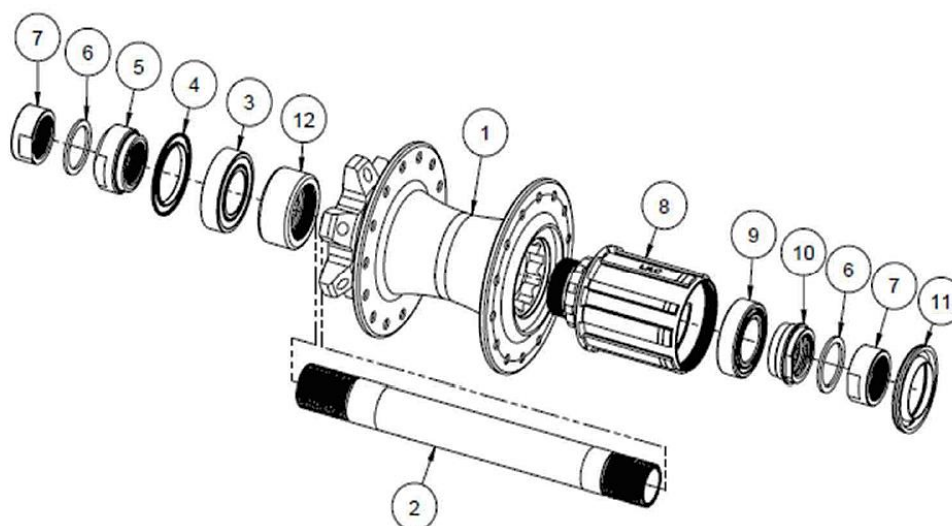
Rear

1520-RX1804-801



Front/ Rear	Part	Ref.	Part's Number	Spec Description	Remark
Rear	Axle Kit Set	2,3,4, 5,7	151A-AX4078-801	AX-4078 HUB AXLE KIT	② x1 ③ x1 ④ x1 ⑤ x2 ⑦ x1
Rear	SHIMANO Freehub Body	6,7	152B-FH5360-801	FH-536-02FREEHUB BODY (SHIMANO TYPE) FOR RX1804	⑥ + ⑦
Rear	Bearing	3	1288-SB6903-501	SB-6903 HUB BEARING	2 pc/set

4.8 GRX 1602



MODEL	Part's Number	PARTS INCLUDED	Q'TY
AXLE KIT	151A-GRX160-802	6.7	2 PCS EACH
		2.3.4.5.9.10.11	1 PC EACH
FREEHUB BODY	152B-FH117K-801	8+11+9+12	1 PC EACH
SEAL BEARING	151A-SB6902-801	3	1 PC EACH
SEAL BEARING	151A-SB1527-801	9	1 PC EACH

4.9 Free Hub Body

GTM PN	Description
152B-FH501B-501	FH-501B FREEHUB (SHIMANO) FOR GDC1526/GDC1528/GDC1612
152B-FH535T-701	SRAM XD FREEHUB BODY FOR GDC1614
152B-FH5360-701	SHIMANO FREEHUB BODY FOR GDC1608
152B-FH2040-801	FH204 FREEHUB BODY(WATERPROOF) FOR GRB52/GRB1035/GRB1032/GDC1022
152B-FH206K-801	FH206K FREEHUB BODY(WATERPROOF) FOR GRB321/GRB1502/GRB1504/GDC1504/GRB1606
152B-FH206A-801	FH206 FREEHUB BODY(WATERPROOF) FOR GRB30/GRB32/GDC1032/GDC1524
152B-FH204K-801	FH204K FREEHUB BODY(WATERPROOF) FOR GDC1520/GRB1602
152B-FH5360-801	FH-536-02 FREEHUB BODY(SHIMANO TYPE) FOR GRX1804
152B-FH117K-801	FH-117K-01 FREEHUB+COMPRESS RING+BEARING FOR GRX1602

4.10 Hub Bearing

GTM PN	Description
1288-SB1830-501	SB-18307 HUB BEARING FOR GDC1505/GDC1507/GRX1601/GDC1615/GCL1607/GRX1805
1288-SB6000-501	SB-6000 HUB BEARING FOR GDC1504/GDC1524/GRB1501/GRB1502/GRB1504
1288-SB6001-501	SB-6001 HUB BEARING FOR GDC1503/GDC1513/GDC1515
1288-SB6804-501	SB-6804 HUB BEARING FOR GDC1517
1288-SB6805-501	SB-6805 HUB BEARING FOR GDC1519
1288-SB6903-501	SB-6903 HUB BEARING FOR GDC1506/GDC1516/GDC1522/GDC1526/GDC1528/GDC1530/ GDC1612/ GDC1614/GCL1608/GRX1804

4.11 E-bike Hub

Front/ Rear	Hub	ACCESORY KIT	PARTS INCLUDED	
Front	1510-D21BTF-01	151C-ACCKIT-901	① X 1 ③ X 1 ④ X 2	D21BTF-28H 前花鼓分解图
Front	1510-M21FXX-01	151C-ACCKIT-902	① X2 ② X2 ③ X2 ④ X2 ⑤ X1 ⑥ X20 ⑦ X2	M21F-28H 前花鼓分解图
Rear	1520-D21BTC-01	152C-ACCKIT-903	④ X1 ⑦ X1	
		152C-ACCKIT-904	① X 2	
Rear	1520-M21BTR-01	152C-ACCKIT-901	① X2 ② X1 ③ X2 ④ X1 ⑤ X1 ⑥ X1 ⑦ X1 ⑧ X1 ⑨ X18 ⑩ X1	
		152C-ACCKIT-902	⑦ X1 ⑧ X1 ⑫ 1	

5 Spoke Tension

▲NOTE: Below spoke tension values are only valid with DT Tensio 2.

Model Year	Wheel Model	Front/Rear		Tolerable spoke tension per side		Spoke Spec	Length (mm)
				Minimum	Maximum	Model	
18	SLR 0 (30 MM)	Front	Left/Right	0.23	0.33	DT Aero Lite	286
			Non-Drive side	0.64	0.77	DT Aero Lite	287
		Rear	Drive side (inner)	0.53	0.66	DT Aero Comp	280
			Drive side (outer)	0.98	1.12	DT Aero Comp	286
18	SLR 1 (30 MM)	Front	Left/Right	1.85	2.03	SAPIM Race	286
			Non-Drive side	1.70	1.85	SAPIM Race	286
		Rear	Drive side (inner)	1.57	1.71	SAPIM Laser	281
			Drive side (outer)	2.08	2.23	SAPIM Race	284
19	SLR 0 (42 MM) NEW	Front	Left/Right	0.23	0.38		
			Non-Drive side	0.64	0.8		
		Rear	Drive side (inner)	0.98	1.12		
			Drive side (outer)	0.53	0.66		
18	SLR 0 (42 MM)	Front	Left/Right	0.23	0.33	DT Aero Lite	274
			Non-Drive side	0.64	0.77	DT Aero Comp	276
		Rear	Drive side (inner)	0.98	1.23	DT Aero Comp	274
			Drive side (outer)	0.53	0.66	DT Aero Lite	268
19	SLR 1 (42 MM) NEW	Front	Left/Right	0.4	0.6		
			Non-Drive side	0.5	0.65		
		Rear	Drive side (inner)	0.8	0.95		
			Drive side (outer)	0.5	0.65		
18	SLR 1 (42 MM)	Front	Left/Right	0.4	0.6	SAPIM CX-SPRINT	274
			Non-Drive side	0.6	0.75	SAPIM CX-SPRINT	276
		Rear	Drive side (inner)	0.75	0.9	SAPIM CX-SPRINT	274
			Drive side (outer)	0.6	0.75	SAPIM CX RAY	268
17	SLR 0 (55 MM)	Front	Left/Right	0.23	0.33	DT Aero Lite	261
			Non-Drive19 side	0.64	0.77	DT Aero Comp	263
		Rear	Drive side (inner)	0.98	1.12	DT Aero Comp	261
			Drive side (outer)	0.53	0.66	DT Aero Lite	256
17	SLR 1 (55 MM)	Front	Left/Right	1.35	1.55	CX-RAY	261
			Non-Drive side	1.02	1.15	CX-RAY	263
		Rear	Drive side (inner)	1.42	1.55	CX-RAY	261
			Drive side (outer)	1.42	1.59	CX-RAY	256
19	SLR 0 (65 MM) NEW	Front	Left/Right	0.5	0.65	SAPIM CX-SPRINT	253
			Non-Drive side	0.37	0.52		
		Rear	Drive side (inner)	0.65	0.8		
			Drive side (outer)	0.75	0.9		
19	SLR 1 (65 MM) NEW	Front	Left/Right	0.5	0.65		
			Non-Drive side	0.37	0.52		
		Rear	Drive side (inner)	0.65	0.8		
			Drive side (outer)	0.75	0.9		
18	SLR 0 Disc/ (30 MM)	Front	Disc side(inner)	0.30	0.43	DT Aero Lite	284
			Disc side(outer)	0.43	0.55	DT Aero Lite	291
			Non-Disc side	0.43	0.55	DT Aero Lite	289
		Rear	Non-Drive side	0.35	0.48	DT Aero Lite	286
			Drive side(inner)	0.45	0.58	DT Aero Lite	295
			Drive side(outer)	0.45	0.58	DT Aero Lite	286
18	SLR 1 Disc (30 MM)	Front	Disc side(inner)	0.5	0.65	SAPIM CX-SPRINT	284
			Disc side(outer)	0.5	0.65	SAPIM CX-SPRINT	291
			Non-Disc side	0.65	0.75	SAPIM CX-SPRINT	289
		Rear	Non-Drive side	0.65	0.78	SAPIM CX-SPRINT	286
			Drive side(inner)	0.50	0.65	SAPIM CX-SPRINT	286
			Drive side(outer)	0.50	0.65	SAPIM CX-SPRINT	297

18	SLR 0 Disc (42 MM)	Front	Disc side(inner)	0.35	0.53	DT Aero Lite	273
			Disc side(outer)	0.4	0.55	DT Aero Lite	278
			Non-Disc side	0.4	0.55	DT Aero Lite	277
		Rear	Drive side(inner)	0.35	0.5	DT Aero Lite	283
			Drive side(outer)	0.4	0.55	DT Aero Lite	274
			Non-Drive side(inner)	0.4	0.55	DT Aero Lite	274
			Non-Drive side(outer)	0.35	0.45	DT Aero Lite	274
18	SLR0 Disc/ SLR1 Disc (For Propel Disc)	Front	Disc side(inner)	0.6	0.75	SAPIM CX-SPRINT	272
			Disc side(outer)	0.55	0.7	SAPIM CX-SPRINT	278
			Non-Disc side	0.65	0.8	SAPIM CX-SPRINT	277
		Rear	Drive side(inner)	0.58	0.73	SAPIM CX-SPRINT	251
			Drive side(outer)	0.58	0.73	SAPIM CX-SPRINT	260
			Non-Drive side(inner)	0.6	0.75	SAPIM CX-SPRINT	251
			Non-Drive side(outer)	0.6	0.75	SAPIM CX-SPRINT	251
18	SLR 1 Disc (42 MM)	Front	Disc side(inner)	0.68	0.8	SAPIM CX-SPRINT	272
			Disc side(outer)	0.63	0.75	SAPIM CX-SPRINT	278
			Non-Disc side	0.75	0.92	SAPIM CX-SPRINT	277
		Rear	Non-Drive side(inner)	0.63	0.75	SAPIM CX-SPRINT	274
			Non-Drive side(outer)	0.68	0.8	SAPIM CX-SPRINT	274
			Drive side(inner)	0.68	0.75	SAPIM CX-SPRINT	283
			Drive side(outer)	0.63	0.75	SAPIM CX-SPRINT	274
18	SLR 0 Disc (65 MM)	Front	Disc side(inner)	0.35	0.53	DT Aero Lite	249
			Disc side(outer)	0.4	0.55	DT Aero Lite	255
			Non-Disc side	0.4	0.55	DT Aero Lite	254
		Rear	Non-Drive side(inner)	0.35	0.5	DT Aero Lite	251
			Non-Drive side(outer)	0.4	0.55	DT Aero Lite	251
			Drive side(inner)	0.4	0.55	DT Aero Lite	261
			Drive side(outer)	0.35	0.45	DT Aero Lite	251
18	SLR 1 Disc (65 MM)	Front	Disc side(inner)	0.68	0.8	SAPIM CX-SPRINT	249
			Disc side(outer)	0.63	0.75	SAPIM CX-SPRINT	254
			Non-Disc side	0.75	0.92	SAPIM CX-SPRINT	254
		Rear	Non-Drive side(inner)	0.63	0.75	SAPIM CX-SPRINT	251
			Non-Drive side(outer)	0.68	0.8	SAPIM CX-SPRINT	251
			Drive side(inner)	0.68	0.8	SAPIM CX-SPRINT	260
			Drive side(outer)	0.63	0.75	SAPIM CX-SPRINT	251

Model Year	Wheel Model	Front/Rear		Tolerable spoke tension per side		Spoke Spec	Length (mm)	
18	XCR 0 27.5"	Front (110mm)	Disc side(inner)	0.32	0.45	DT Aero Lite	275	
			Disc side(outer)	0.38	0.5	DT Aero Lite	279	
			Non-Disc side(inner)	0.3	0.5	DT Aero Lite	275	Measure with 11mm sleeve
			Non-Disc side(outer)	0.3	0.5	DT Aero Lite	279	Measure with 11mm sleeve
		Front (100mm)	Disc side	0.36	0.48	DT Aero Lite	281	
			Non-Disc side	0.25	0.45	DT Aero Lite	280	Measure with 11mm sleeve
		Rear (148mm)	Non-Drive side(inner)	0.2	0.4	DT Aero Lite	279	Measure with 11mm sleeve
			Non-Drive side(outer)	0.2	0.4	DT Aero Lite	275	Measure with 11mm sleeve
			Drive side(inner)	0.8	1	DT Aero Comp	271	
			Drive side(outer)	0.9	1.05	DT Aero Comp	275	
		Rear (142mm)	Non-Drive side	0.2	0.4	DT Aero Lite	281	Measure with 11mm sleeve
			Drive side	0.85	1.05	DT Aero Comp	280	
18	XCR 0 29"	Front	Disc side(inner)	0.32	0.45	DT Aero Lite	294	
			Disc side(outer)	0.38	0.5	DT Aero Lite	298	
			Non-Disc side(inner)	0.3	0.5	DT Aero Lite	294	Measure with 11mm sleeve
			Non-Disc side(outer)	0.3	0.5	DT Aero Lite	298	Measure with 11mm sleeve

		Rear (148mm)	Non-Drive side(inner)	0.2	0.4	DT Aero Lite	294	Measure with 11mm sleeve
			Non-Drive side(outer)	0.2	0.4	DT Aero Lite	298	Measure with 11mm sleeve
			Drive side(inner)	0.8	1	DT Aero Comp	290	
			Drive side(outer)	0.9	1.05	DT Aero Comp	294	
18	XCR 1C 27.5"	Front (110mm)	Disc side(inner)	0.85	1.05	SAPIM Laser	275	
			Disc side(outer)	0.95	1.12	SAPIM Laser	279	
			Non-Disc side(inner)	0.6	0.8	SAPIM Laser	275	
			Non-Disc side(outer)	0.6	0.8	SAPIM Laser	279	
		Front (100mm)	Disc side	1.75	1.93	SAPIM Race	280	
			Non-Disc side	1.3	1.5	SAPIM Race	281	
		Rear (148mm)	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	276	
			Non-Drive side(outer)	0.7	0.9	SAPIM Laser	280	
			Drive side(inner)	1.65	1.85	SAPIM Race	271	
			Drive side(outer)	1.75	1.92	SAPIM Race	275	
		Rear (142mm)	Non-Drive side	1.3	1.5	SAPIM Race	281	
			Drive side	1.75	1.93	SAPIM Race	279	
19	TRX 0 27.5" NEW	Front	Disc side(inner)	0.8	1	SUPER SPOKE	275	
			Disc side(outer)	0.9	1.1	SUPER SPOKE	279	
			Non-Disc side(inner)	0.55	0.75	SUPER SPOKE	275	
			Non-Disc side(outer)	0.55	0.75	SUPER SPOKE	279	
		Rear	Non-Drive side(inner)	0.6	0.8	SUPER SPOKE	275	
			Non-Drive side(outer)	0.55	0.75	SUPER SPOKE	279	
			Drive side(inner)	0.9	1.1	SUPER SPOKE	271	
			Drive side(outer)	1	1.2	SUPER SPOKE	275	
18	TRX 0 27.5"	Front (110mm)	Disc side(inner)	0.32	0.45	DT Aero Lite	275	
			Disc side(outer)	0.38	0.5	DT Aero Lite	279	
			Non-Disc side(inner)	0.3	0.5	DT Aero Lite	275	Measure with 11mm sleeve
			Non-Disc side(outer)	0.3	0.5	DT Aero Lite	279	Measure with 11mm sleeve
		Rear (148mm)	Non-Drive side(inner)	0.2	0.4	DT Aero Lite	275	Measure with 11mm sleeve
			Non-Drive side(outer)	0.2	0.4	DT Aero Lite	279	Measure with 11mm sleeve
			Drive side(inner)	0.8	1	DT Aero Comp	271	
			Drive side(outer)	0.9	1.05	DT Aero Comp	275	
		Rear (142mm)	Non-Drive side	0.25	0.45	DT Aero Lite	281	Measure with 11mm sleeve
			Drive side	0.85	1.05	DT Aero Comp	280	
19	TRX 1 27.5" NEW	Front	Disc side(inner)	0.85	1.05	SAPIM Laser	275	
			Disc side(outer)	0.95	1.12	SAPIM Laser	279	
			Non-Disc side(inner)	0.6	0.8	SAPIM Laser	275	
			Non-Disc side(outer)	0.6	0.8	SAPIM Laser	279	
		Rear	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	275	
			Non-Drive side(outer)	0.7	0.9	SAPIM Laser	279	
			Drive side(inner)	1.05	1.25	SAPIM Laser	271	
			Drive side(outer)	1.15	1.35	SAPIM Laser	275	
18	TRX1C 27.5"	Front (110mm)	Disc side(inner)	0.85	1.05	SAPIM Laser	275	
			Disc side(outer)	0.95	1.12	SAPIM Laser	279	
			Non-Disc side(inner)	0.6	0.8	SAPIM Laser	275	
			Non-Disc side(outer)	0.6	0.8	SAPIM Laser	279	
		Front (100mm)	Disc side	1.3	1.5	SAPIM Race	280	
			Non-Disc side	1.75	1.93	SAPIM Race	281	
		Rear	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	276	

		(148mm)	Non-Drive side(outer)	0.7	0.9	SAPIM Laser	280	
			Drive side(inner)	1.65	1.85	SAPIM Race	271	
			Drive side(outer)	1.75	1.92	SAPIM Race	275	
		Rear (142mm)	Non-Drive side	0.6	0.8	SAPIM Laser	281	
			Drive side	1.7	1.9	SAPIM Race	279	
19	TRX 0 29"	 Front	Disc side(inner)	0.8	1	SUPER SPOKE	294	
			Disc side(outer)	0.9	1.1	SUPER SPOKE	298	
			Non-Disc side(inner)	0.55	0.75	SUPER SPOKE	294	
			Non-Disc side(outer)	0.55	0.75	SUPER SPOKE	298	
		Rear	Non-Drive side(inner)	0.6	0.8	SUPER SPOKE	294	
			Non-Drive side(outer)	0.55	0.75	SUPER SPOKE	298	
			Drive side(inner)	0.9	1.1	SUPER SPOKE	290	
			Drive side(outer)	1	1.2	SUPER SPOKE	294	
19	TRX 1 29"	 Front	Disc side(inner)	0.85	1.05	SAPIM Laser	294	
			Disc side(outer)	0.95	1.12	SAPIM Laser	298	
			Non-Disc side(inner)	0.6	0.8	SAPIM Laser	294	
			Non-Disc side(outer)	0.6	0.8	SAPIM Laser	298	
		Rear	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	294	
			Non-Drive side(outer)	0.7	0.9	SAPIM Laser	298	
			Drive side(inner)	1.05	1.25	SAPIM Laser	290	
			Drive side(outer)	1.15	1.35	SAPIM Laser	294	
19	XCR 0 29"	 Front	Disc side(inner)	0.8	1	SUPER SPOKE	294	
			Disc side(outer)	0.9	1.1	SUPER SPOKE	298	
			Non-Disc side(inner)	0.55	0.75	SUPER SPOKE	294	
			Non-Disc side(outer)	0.55	0.75	SUPER SPOKE	298	
		Rear	Non-Drive side(inner)	0.6	0.8	SUPER SPOKE	294	
			Non-Drive side(outer)	0.55	0.75	SUPER SPOKE	298	
			Drive side(inner)	0.9	1.1	SUPER SPOKE	290	
			Drive side(outer)	1	1.2	SUPER SPOKE	294	
19	XCR 1 29"	 Front	Disc side(inner)	0.85	1.05	SAPIM Laser	294	
			Disc side(outer)	0.95	1.12	SAPIM Laser	298	
			Non-Disc side(inner)	0.6	0.8	SAPIM Laser	294	
			Non-Disc side(outer)	0.6	0.8	SAPIM Laser	298	
		Rear	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	294	
			Non-Drive side(outer)	0.7	0.9	SAPIM Laser	298	
			Drive side(inner)	1.05	1.25	SAPIM Laser	290	
			Drive side(outer)	1.15	1.35	SAPIM Laser	294	
18	XCR 1 29"	Front (110mm)	Disc side(inner)	0.85	1.05	SAPIM Laser	294	
			Disc side(outer)	0.95	1.12	SAPIM Laser	298	
			Non-Disc side(inner)	0.58	0.75	SAPIM Laser	294	
			Non-Disc side(outer)	0.58	0.75	SAPIM Laser	298	
		Rear (148mm)	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	294	
			Non-Drive side(outer)	0.7	0.9	SAPIM Laser	299	
			Drive side(inner)	1.65	1.85	SAPIM Race	291	
			Drive side(outer)	1.75	1.92	SAPIM Race	294	
18	XCT 1 27.5"	Front (110mm)	Disc side(inner)	1.65	1.82	SAPIM Race	276	
			Disc side(outer)	1.75	1.92	SAPIM Race	280	
			Non-Disc side(inner)	1.3	1.5	SAPIM Race	276	
			Non-Disc side(outer)	1.3	1.5	SAPIM Race	280	

		Front (100mm)	Disc side	1.75	1.93	SAPIM Race	281	
			Non-Disc side	1.45	1.65	SAPIM Race	282	
		Rear (148mm)	Non-Drive side(inner)	1.35	1.52	SAPIM Race	276	
			Non-Drive side(outer)	1.25	1.45	SAPIM Race	280	
			Drive side(inner)	1.65	1.82	SAPIM Race	272	
			Drive side(outer)	1.75	1.92	SAPIM Race	276	
		Rear (142mm)	Non-Drive side	1.4	1.6	SAPIM Race	281	
			Drive side	1.75	1.93	SAPIM Race	280	
19	TR 1 27.5	 Front	Disc side(inner)	0.85	1.05	SAPIM Laser	275	
			Disc side(outer)	0.95	1.12	SAPIM Laser	279	
			Non-Disc side(inner)	0.6	0.8	SAPIM Laser	275	
			Non-Disc side(outer)	0.6	0.8	SAPIM Laser	279	
		Rear	Non-Drive side(inner)	0.8	0.95	SAPIM Laser	275	
			Non-Drive side(outer)	0.7	0.9	SAPIM Laser	279	
			Drive side(inner)	1.05	1.25	SAPIM Laser	271	
			Drive side(outer)	1.15	1.35	SAPIM Laser	275	

▲NOTE: Below spoke tension values are only valid with **DT Tensio 2**.

Wheel Model	Front/Rear		Tolerable spoke tension per side		Spoke Spec Model	Length (mm)	
			Minimum	Maximum			
MY18 P-R2 DBL	Rear	Non-Drive side	1.15	1.45	SAPIM RACE	283	
		Drive side (inner)	1.05	1.35	SAPIM RACE	283	
		Drive side (outer)	1.05	1.35	SAPIM RACE	283	

12.5mm/11mm sleeve application instruction.

1.

Prepare Sleeve and DT Tensio.

Part#	
2520-SLEEVE-502	SLEEVE OD:12.5MM FOR DT TENSIO TENSIO METER
2520-SLEEVE-501	SLEEVE OD:11MM FOR DT TENSIO TENSIO METER
Gear PN# 300000028	SLEEVE OD:11MM/ 12.5MM FOR DT TENSIO TENSIO METER

12.5mm/11mm Sleeve for DT Tensio tensiometer



DT Tensio 2



2.

Apply 12.5mm/11mm Sleeve on the DT Tensio 2.

Gear Part#	
300000027	TENSIO METER DT TENSIO ANALOG RED(指針式)



3.

Use DT Tensio 2 with 12.5mm/11mm Sleeve and measure the spoke tension vertically.



4.

Spoke tool:

Gear Part#	
300000029	Spoke holder for TCS spoke



●Tolerance

	Toleranz [mm]
上下跳動 Vertical (Radial run-out)	≤0.30 mm
左右偏擺 Horizontal (Axial run-out)	≤0.25 mm
中心誤差 Dish	≤0.20 mm

6 Combinations of Rim's width and Tire's width

The possible combinations of Giant WheelSystem's rim width and Giant tire's width.

Note: Please use this information internally for reference. Please do NOT release this chart to customers.

Giant's Tire width in mm	Giant's rim width in mm (Crotchet type)								Giant's rim width in mm (Hookless type)	
	17C	19C	21C	23C	25C	27C	30C	35C	25C	30C
23	⊙									
25	⊙	⊙								
28	⊙	⊙								
32	⊙	⊙	⊙							
35	⊙	⊙	⊙							
40 (1.6)	⊙	⊙	⊙	⊙						
45 (1.8)	⊙	⊙	⊙	⊙	⊙					
50 (2.0)		⊙	⊙	⊙	⊙	⊙			⊙	
53 (2.1)		⊙	⊙	⊙	⊙	⊙			⊙	⊙
56 (2.2)			⊙	⊙	⊙	⊙	⊙		⊙	⊙
58 (2.3)				⊙	⊙	⊙	⊙		⊙	⊙
61 (2.4)				⊙	⊙	⊙	⊙		⊙	⊙
63 (2.5)					⊙	⊙	⊙	⊙	⊙	⊙
66 (2.6)						⊙	⊙	⊙		⊙
71 (2.8)							⊙	⊙		⊙