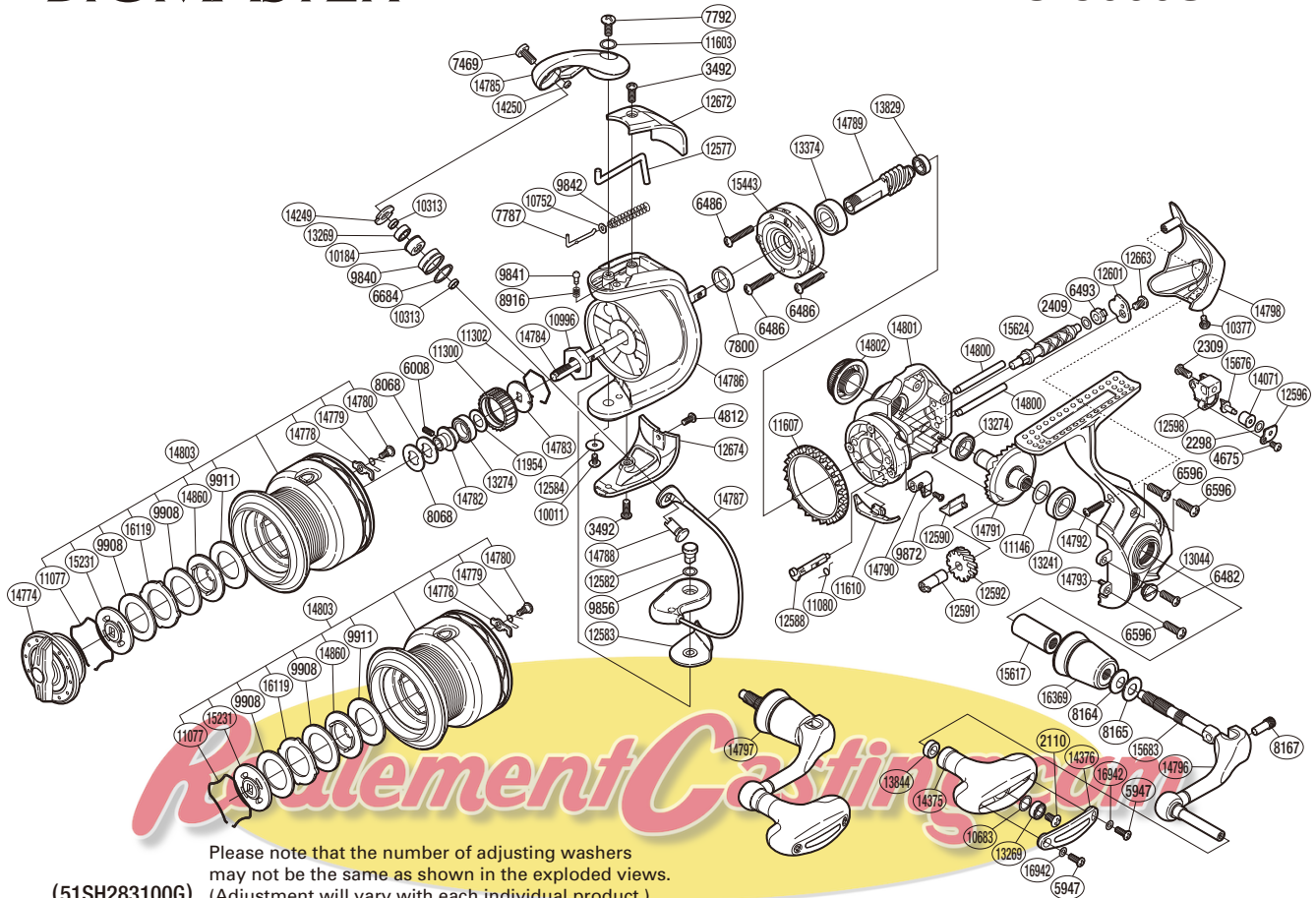


# SHIMANO

## BIOMASTER SA-RB

## BIO-3000SFB



Please note that the number of adjusting washers may not be the same as shown in the exploded views.

(51SH283100G) (Adjustment will vary with each individual product.)

Part No.	Description	Part No.	Description	Part No.	Description
RD 2110	Screw	RD11080	Anti-Reverse Cam Spring	RD14782	Bearing Bushing
RD 2298	Spacer	***	RD11146 Washer	**/*****	RD14783 Spool Support
RD 2309	Screw	RD11300	Drag Click Ratchet	RD14784	Main Shaft
RD 2409	Spacer	***	RD11302 Ratchet Spring	RD14785	Bail Arm
RD 3492	Screw	RD11603	Washer	****	RD14786 Rotor
RD 4675	Screw	RD11607	Friction Ring	RD14787	Bail Assembly
RD 4812	Screw	RD11610	Bail Trip Strike	RD14788	Line Roller Support
RD 5947	Screw	RD11954	Washer	RD14789	Pinion Gear
RD 6008	Set Screw	RD12577	Bail Trip Lever	RD14790	Anti-Reverse Lever
RD 6482	Screw	RD12582	Bail Hold Support Shaft	RD14791	Drive Gear
RD 6486	Screw	RD12583	Bail Hold Support Spacer	RD14792	Screw
RD 6493	Worm Bushing (rear)	***	RD12584 Washer	RD14793	Side Cover
RD 6596	Screw	RD12588	Anti-Reverse Cam	RD14796	Handle Shank Assembly
RD 6684	Line Roller Spacer	*	RD12590 Anti-Reverse Lever Cover	RD14797	Handle Assembly
RD 7469	Screw	*	RD12591 Worm Bushing (front)	***	RD14798 Rear Protector
RD 7787	Bail Spring Guide A	****	RD12592 Idle Gear	**	RD14800 Oscillating Guide
RD 7792	Screw	****	RD12596 Oscillating Pawl Cover	RD14801	Body
RD 7800	Rotor Ring	RD12598	Oscillating Slider	RD14802	Handle Screw Cap
RD 8068	Spool Washer	RD12601	Worm Shaft Retainer	RD14803	Spool Assembly
RD 8164	Coned Disc Spring	RD12663	Screw	RD14860	Key Washer
RD 8165	Large Handle Shank Washer	RD12672	Bail Spring Cover	RD15231	Key Washer
RD 8167	Handle Shaft Screw	RD12674	Bail Hold Support Guard	RD15443	Roller Clutch Assembly
RD 8916	Click Spring	****	RD13044 Oil Cap	RD15617	Handle Shaft Cover B
RD 9840	Line Roller	*	RD13241 Ball Bearing	*****	RD15624 Worm Shaft
RD 9841	Click Pin	****	RD13269 Ball Bearing	*	RD15676 Oscillating Pawl
RD 9842	Bail Spring	****	RD13274 Ball Bearing	*****	RD15683 Handle Shaft
RD 9856	Washer	RD13374	Ball Bearing	*****	RD16369 Handle Shaft Cover A
RD 9872	Screw	RD13829	Ball Bearing	*****	RD16119 Eared Washer
RD 9908	Drag Washer	RD13844	Handle Knob Bushing	RD16942	Washer
RD 9911	Drag Washer	RD14071	Oscillating Slider Bushing	***	
RD10011	Screw	RD14249	Line Roller Plate	*	
RD10184	Line Roller Bushing	*	RD14250 Line Roller Oil Cap		
RD10313	Bearing Spacer	*	RD14375 Handle Knob	PK 0072	Line Roller Set
RD10377	Screw	RD14376	Handle Knob I.D. Plate	PK 0078	Gear Set
RD10683	Washer	RD14774	Drag Knob	PK 0307	Oscillation Set
RD10752	Bail Spring Guide A Support	****	RD14778 Drag Click	*****	PK 0080 Bail Spring Set
RD10996	Rotor Nut	RD14779	Drag Click Spring	*****	PK 0081 Bearing Set
RD11077	Drag Washers Retainer	RD14780	Screw	*****	PK 0077 Drag Clicker Set