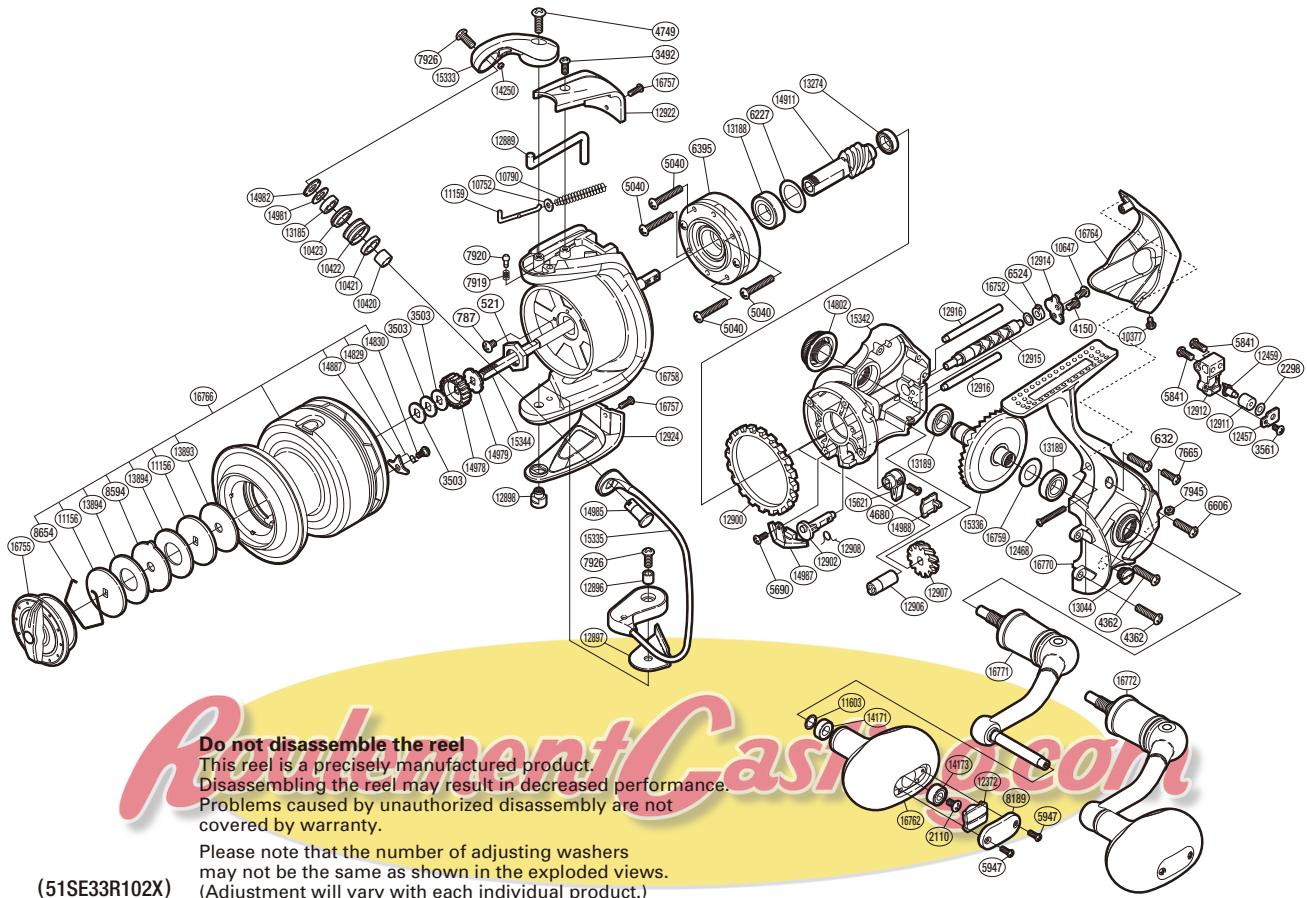


SHIMANO

BIOMASTER S A-RB

BIOSW-1000HG



Do not disassemble the reel
 This reel is a precisely manufactured product.
 Disassembling the reel may result in decreased performance.
 Problems caused by unauthorized disassembly are not covered by warranty.

Please note that the number of adjusting washers may not be the same as shown in the exploded views.
 (Adjustment will vary with each individual product.)

(51SE33R102X)

Part No.	Description	Part No.	Description	Part No.	Description
RD 0521	Rotor Nut	RD10790	Bail Spring	RD14829	Drag Click Spring
RD 0632	Screw	RD11156	Key Washer	RD14830	Screw
RD 0647	Screw	RD11159	Bail Spring Guide A	RD14887	Drag Click
RD 0787	Screw	RD11603	Washer	RD14911	Pinion Gear *
RD 2110	Screw	RD12372	Handle Knob Seal	RD14978	Spool Support A
RD 2298	Spacer ***	RD12457	Oscillating Pawl Cover	RD14979	Spool Support B
RD 3492	Screw	RD12459	Oscillating Pawl ***	RD14981	Line Roller Washer ****
RD 3503	Spool Washer	RD12468	Screw	RD14982	Line Roller Plate ****
RD 3561	Screw	RD12889	Bail Trip Lever	RD14985	Line Roller Support ****
RD 4150	Screw	RD12896	Screw Collar	RD14987	Bail Trip Strike
RD 4362	Screw	RD12897	Bail Hold Support Spacer	RD14988	Anti-Reverse Lever Cover
RD 4680	Screw	RD12898	Bail Hold Support Shaft	RD15333	Bail Arm
RD 4749	Screw	RD12900	Friction Ring	RD15335	Bail Assembly
RD 5040	Screw	RD12902	Anti-Reverse Cam	RD15336	Drive Gear *
RD 5690	Screw	RD12903	Anti-Reverse Cam Spring	RD15342	Body
RD 5841	Screw	RD12906	Worm Bushing (Front) ***	RD15344	Main Shaft
RD 5947	Screw	RD12907	Idle Gear *	RD15621	Anti-Reverse Lever
RD 6227	Washer	RD12911	Oscillating Slider Bushing ***	RD16752	Washer
RD 6395	Roller Clutch Assembly	RD12912	Oscillating Slider	RD16755	Drag Knob
RD 6524	Worm Bushing (Rear) ***	RD12914	Worm Shaft Retainer	RD16757	Screw
RD 6606	Screw	RD12915	Worm Shaft ***	RD16758	Rotor
RD 7665	Screw	RD12916	Oscillating Guide	RD16759	Washer
RD 7919	Click Spring	RD12922	Bail Spring Cover	RD16762	Handle Knob
RD 7920	Click Pin	RD12924	Bail Hold Support Guard	RD16764	Rear Protector
RD 7926	Screw ****	RD13044	Oil Cap	RD16766	Spool Assembly
RD 7945	Rear Protector Nut (A)	RD13185	Ball Bearing ****	RD16770	Side Cover
RD 8189	Handle Knob I.D. Plate	RD13188	Ball Bearing **	RD16771	Handle Shank Assembly
RD 8594	Eared Washer	RD13189	Ball Bearing **	RD16772	Handle Assembly
RD 8654	Drag Washers Retainer	RD13274	Ball Bearing **		
RD10377	Screw	RD13893	Drag Washer		
RD10420	Bearing Spacer ****	RD13894	Drag Washer		
RD10421	Line Roller Collar ****	RD14171	Handle Knob Bushing	PK 0094	Gear Set *
RD10422	Line Roller ****	RD14173	Ball Bearing	PK 0097	Bearing Set **
RD10423	Line Roller Bushing ****	RD14250	Line Roller Oil Cap	PK 0095	Oscillation Set ***
RD10752	Bail Spring Guide A Support	RD14802	Handle Screw Cap	PK 0273	Line Roller Set ****