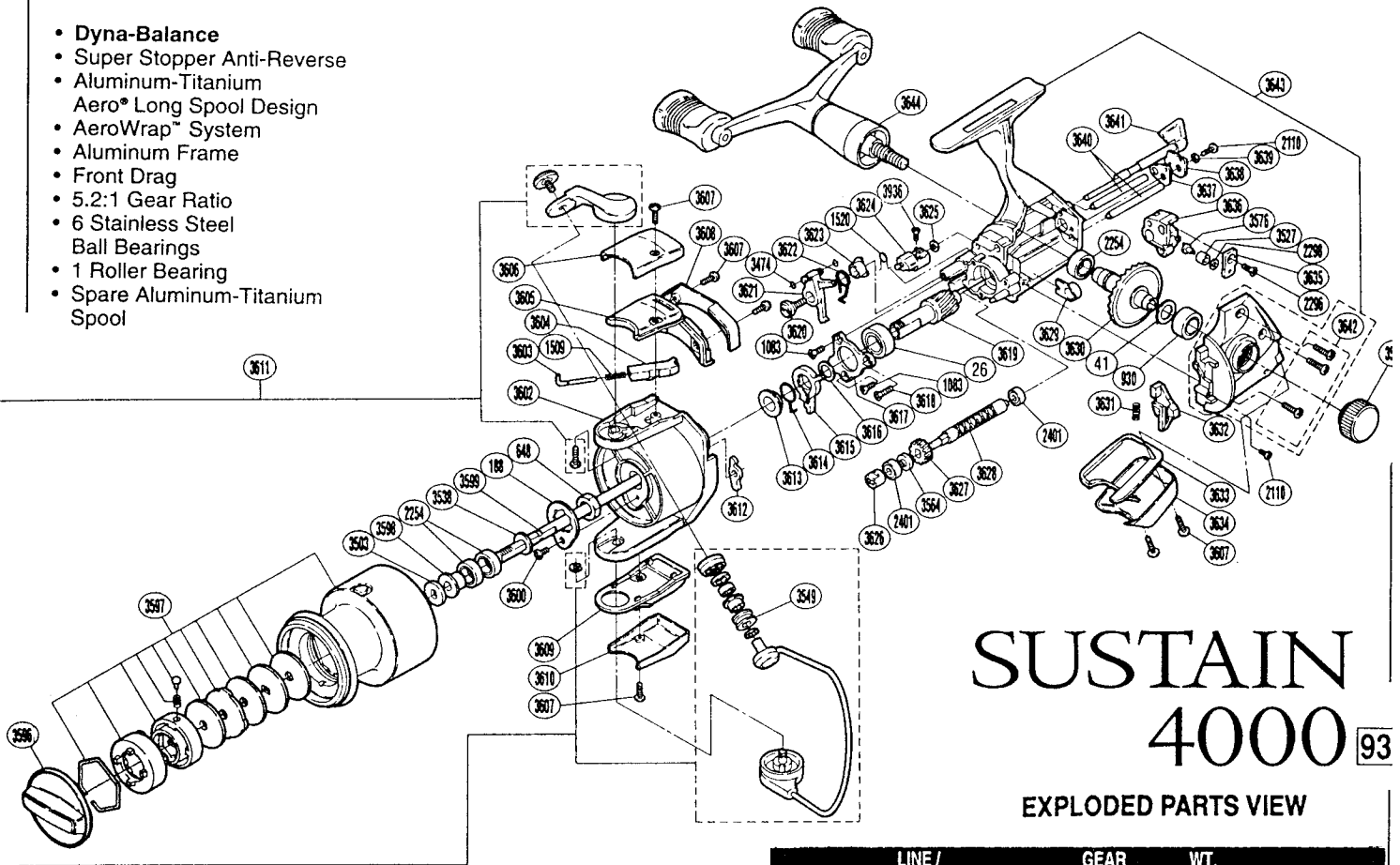


AERO® SUSTAIN™  
Spinning Reels

Greatest Spinning  
Reel on Earth

- Dyna-Balance
- Super Stopper Anti-Reverse
- Aluminum-Titanium Aero® Long Spool Design
- AeroWrap™ System
- Aluminum Frame
- Front Drag
- 5.2:1 Gear Ratio
- 6 Stainless Steel Ball Bearings
- 1 Roller Bearing
- Spare Aluminum-Titanium Spool



# SUSTAIN 4000

EXPLODED PARTS VIEW

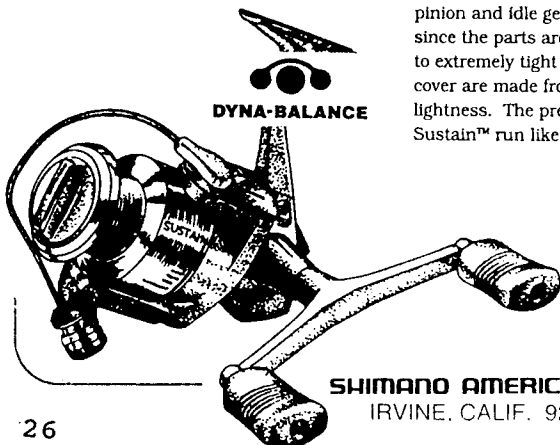
MODEL NO.	LINE / CAPACITY	GEAR RATIO	WT. (OZ.)	BEARINGS
SA-4000F	8/240,10/200,12/160	5.2:1	10.2	8

No holds were barred when we set out to make this reel. We stretched our minds and manufacturing capabilities to the limit to make the best operating reel possible. The result is Sustain™, which has unsurpassed levels of precision, smoothness and durability. The price tag is high, but for the connoisseur who's looking for the ultimate, the search is over.

**Precision** - Cold forging, a process where aluminum is pounded into shape with incredibly heavy amounts of weight, is used to make the tapered aluminum spools, drive gear, pinion and idle gears. Cold forged parts are extremely strong since the parts are not stressed by heat and they can be made to extremely tight tolerances. Sustain's body, rotor and side cover are made from die-cast aluminum for strength and lightness. The precision fit between these parts makes Sustain™ run like a fine Swiss watch.

**Smoothness** - 7 (8 - 4000 size) ball bearings support all stress points and ensure exceptionally smooth retrieves. Lightweight titanium is used on the spool lip, oversized ball bearing line roller guide, and the ball wire. This low-friction material lets line pass without resistance and wear. AeroWrap™ creates a two-speed spool oscillation via a worm gear to lay the line on the spool in an even pattern. This pattern minimizes line-to-line friction on the cast to create smoother, further casts. Last, but not least, DynaBalance™ with a double paddle handle eliminates rotor wobble for the smoothest retrieve you've ever felt.

**Durability** - All the materials used to make Sustain™ so precise and smooth have the double effect of also making the reel very durable. It doesn't stop here, however, the Super Stopper™ anti-reverse system reduces handle backplay and the wear resulting from this backplay. A stainless steel rotor protector and rear housing aprons protect the reel. Finally, Sustain™ comes with a cloth reel bag to protect it when it's not in use.



SHIMANO AMERICAN CORPORATION ONE SHIMANO DR., P.O. BOX 19615  
IRVINE, CALIF. 92713-9615 PHONE: 714-951-5003 FAX: 714-951-6212

PART #	DESCRIPTION	*A* INTERCHANGEABILITY	*B* INTERCHANGEABILITY
RD 0028	Ball Bearing	BNT0807, BR 0037, KXB0028, MLX0025, TGT0223, TLD0123, TT0117	
RD 0041	Drive Gear Washer	BR 0048, RD 1524, MLX0040, X/Z0150	
RD 0188	Rotor Nut Lock Plate	BNT0003	
RD 0648	Rotor Nut	MLX0007, X/Z0115	
RD 0930	Ball Bearing	BR 0047	
RD 1083	Bearing Retainer Screw (short)		
RD 1509	Ball Spring		
RD 1520	Anti-Reverse Cam Spring		
RD 2110	Multi Purpose Screw	BR 0685	
RD 2254	Ball Bearing	BR 0505	
RD 2296	Slider Retainer Screw	BR 0511	
RD 2298	Spacer	BR 0513	
RD 2401	Ball Bearing		
RD 3474	*O* Ring		
RD 3503	Spool Washer		
RD 3527	Oscillating Slider Bushing		
RD 3538	Spool Support		
RD 3549	SiC Ceramic Roller		
RD 3564	Idle Gear Spacer		
RD 3576	Oscillating Pawl		
RD 3585	Handle Screw Cap		
RD 3596	Drag Knob		
RD 3597	Spool Assembly		
RD 3598	Bearing Bushing		
RD 3599	Main Shaft		
RD 3600	Nut Lock Screw		
RD 3602	Rotor		
RD 3603	Ball Spring Guide (A)		
RD 3604	Ball Spring Guide (B)		
RD 3605	Ball Spring Cover		
RD 3606	Rotor Protector (A)		
RD 3607	Protector Screw		
RD 3608	Rotor Protector (C)		
RD 3609	Rotor Side Shield		
RD 3610	Rotor Protector (B)		
RD 3611	Ball Assembly		
RD 3612	Ball Trip Lever		
RD 3613	Lock Out Spring Holder		
RD 3614	Anti-Reverse Lock Out Spring		
RD 3615	Anti-Reverse Lock Out		
RD 3616	Bushing Washer		
RD 3617	Bearing Retainer		
RD 3618	Bearing Retainer Screw (long)		
RD 3619	Pinion Gear		
RD 3620	Anti-Reverse Pawl Screw		
RD 3621	Anti-Reverse Pawl		
RD 3622	Anti-Reverse Pawl Spring		
RD 3623	Anti-Reverse Pawl Bushing		
RD 3624	Anti-Reverse Cam		
RD 3625	Anti-Reverse Cam Spacer		
RD 3626	Worm Bearing		
RD 3627	Idle Gear		
RD 3628	Worm Shaft		
RD 3629	Bushing		
RD 3630	Drive Gear		
RD 3631	Trip Cam Spring		
RD 3632	Ball Trip Cam		
RD 3633	Rear Shield		
RD 3634	Rear Protector		
RD 3635	Oscillating Pawl Cover		
RD 3636	Oscillating Slider		
RD 3637	Worm Shaft Retainer Washer		
RD 3638	Worm Shaft Retainer		
RD 3639	Worm Shaft Retainer Spacer		
RD 3640	Oscillating Guide		
RD 3641	Anti-Reverse Lever		
RD 3642	Side Cover Screw		
RD 3643	Body Assembly		
RD 3644	Double Paddle Handle Assembly		
RD 3936	Anti-Reverse Cam Screw	BR 0797	