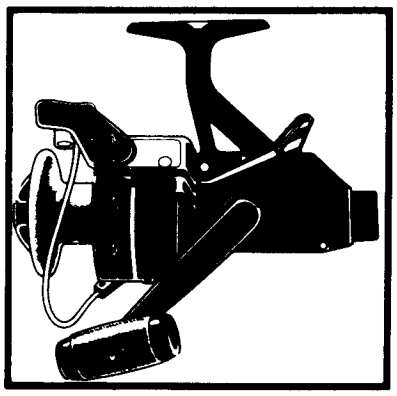
1989 Model



SHIMANO

1989 REPAIR MANUAL

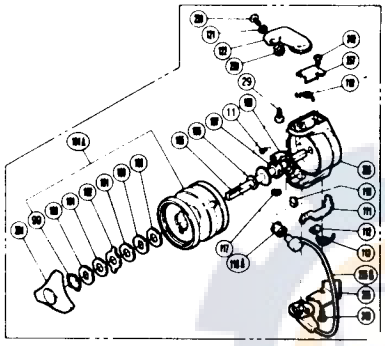
Shimano American Corporation, One Shimano Dr.
Irvine, CA 92718

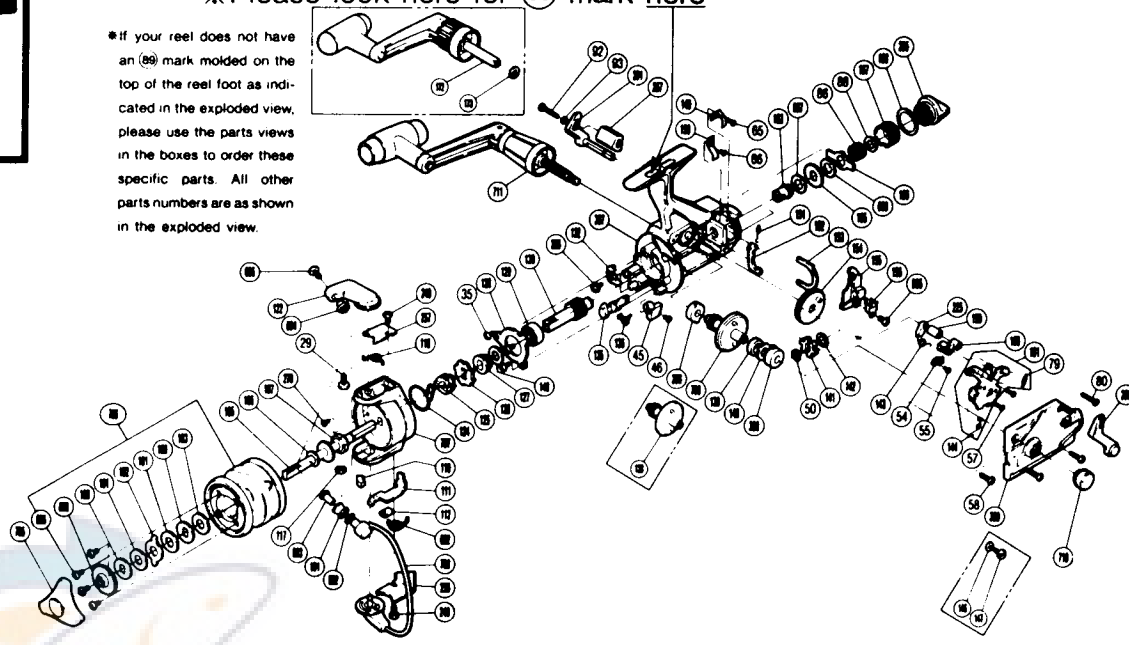
EXPLODED PARTS VIEW

GRAPHITE CONSTRUCTION
BAITRUNNER
450

※Please look here for (89) mark here

※If your reel does not have an (89) mark molded on the top of the reel foot as indicated in the exploded view, please use the parts views in the boxes to order these specific parts. All other parts numbers are as shown in the exploded view.





PARTS LIST

PART #	DESCRIPTION
BR 0011	Nut Lock Screw
BR 0029	Bail Arm Screw
BR 0035	Bearing Retainer Screw
BR 0045	Anti-Reverse Lever
BR 0046	Anti-Reverse Lever Screw
BR 0050	"C" Lock
BR 0054	Lever Shaft Retainer
BR 0055	Shaft Retainer Screw
BR 0057	Clutch Plate Screw
BR 0058	Side Cover Screw A
BR 0065	Dial Click Screw
BR 0066	Pawl Guide Screw
BR 0079	Baitrunner Click Spring
BR 0080	Side Cover Screw B
BR 0086	Free Spool Tension Spring
BR 0088	Tension Spring Washer "B"
BR 0092	Baitrunner Lever Screw
BR 0093	Lock Washer
BR 0099	Drag Washers Retainer
BR 0100	Key Washer
BR 0101	Drag Washer 1
BR 0102	Eared Washer
BR 0103	Drag Washer 2
BR 0104A	Spool Assembly (Universal)
BR 0105	Main Shaft
BR 0106	Spool Washer
BR 0107	Rotor Nut
BR 0108	Rotor Nut Lock Plate
BR 0110	Bail Trip Side Cam
BR 0111	Bail Trip Lever
BR 0112	Trip Lever Guide
BR 0113	Lever Spring
BR 0116A	Line Roller
BR 0117	"E" Lock
BR 0118	Bail Spring
BR 0121	Lock Washer
BR 0122	Bail Arm

PART #	DESCRIPTION
BR 0124	Anti-Reverse Pawl Spring
BR 0125	Anti-Reverse Spring Holder
BR 0126	Anti-Reverse Ratchet
BR 0127	Pinion Spacer
BR 0128	Bearing Retainer
BR 0129	Ball Bearing
BR 0130	Pinion Gear
BR 0132	Anti-Reverse Pawl
BR 0135	Anti-Reverse Cam
BR 0136	Anti-Reverse Cam Spring
BR 0138	Drive Gear
BR 0139	Drive Gear Spacer
BR 0140	Drive Gear Washer
BR 0141	Baitrunner Ratchet
BR 0142	Ratchet Spacer
BR 0143	Clutch Spring
BR 0144	Clutch Pawl Spring
BR 0146	Handle Lock Washer
BR 0147	Handle Lock Screw
BR 0149	Dial Click
BR 0150	Baitrunner Pawl Guide
BR 0151	Baitrunner Pawl Spring
BR 0152	Baitrunner Pawl
BR 0153	Dial Retainer
BR 0154	Oscillating Gear
BR 0155	Oscillating Slider
BR 0156	Oscillating Slider Retainer
BR 0159	Clutch Cam Spacer
BR 0160	Clutch Arm
BR 0161	Clutch Plate Assembly
BR 0163	Free Spool Tension Shaft
BR 0165	Click Gear
BR 0166	Eared Washer "BFS"
BR 0167	Free Spool Tension Screw
BR 0168	Dial Spacer
BR 0172	Handle Assembly
BR 0173	Handle Lock Spacer

PART #	DESCRIPTION
BR 0191	Line Roller
BR 0225	Clutch Cam
BR 0240	Bail Trip Cover Screw
BR 0255B	Bail Assembly
BR 0256	Bail Trip Cover
BR 0257	Bail Spring Cover
BR 0258	Line Roller Screw
BR 0259	Line Roller Washer
BR 0265	Baitrunner Tension Dial
BR 0267	Baitrunner Lever Bridge
BR 0278	Nut Lock Screw
BR 0384	Drag Knob
BR 0385	Rotor
BR 0386	Anti-Reverse Pawl Screw
BR 0387	Body.
BR 0388	Bushing
BR 0389	Side Cover
BR 0390	Baitrunner Lever Arm (L)
BR 0391	Baitrunner Lever Arm (R)
BR 0636	Seal Plate Screw
BR 0662	Lever Spring
BR 0667	Free Spool Tension Washer (A)
BR 0668	Free Spool Tension Washer (B)
BR 0685	Slider Retainer Screw
BR 0688	Seal Plate
BR 0692	Line Roller Spacer
BR 0693	Line Roller Bushing
BR 0694	Line Roller Washer
BR 0695	Line Roller Screw
BR 0705	Drag Knob
BR 0706	Spool Assembly
BR 0707	Rotor
BR 0708	Bail Assembly
BR 0709	Drive Gear
BR 0710	Handle Screw Cap
BR 0711	Handle Assembly

Prices and specifications subject to change without notice.