



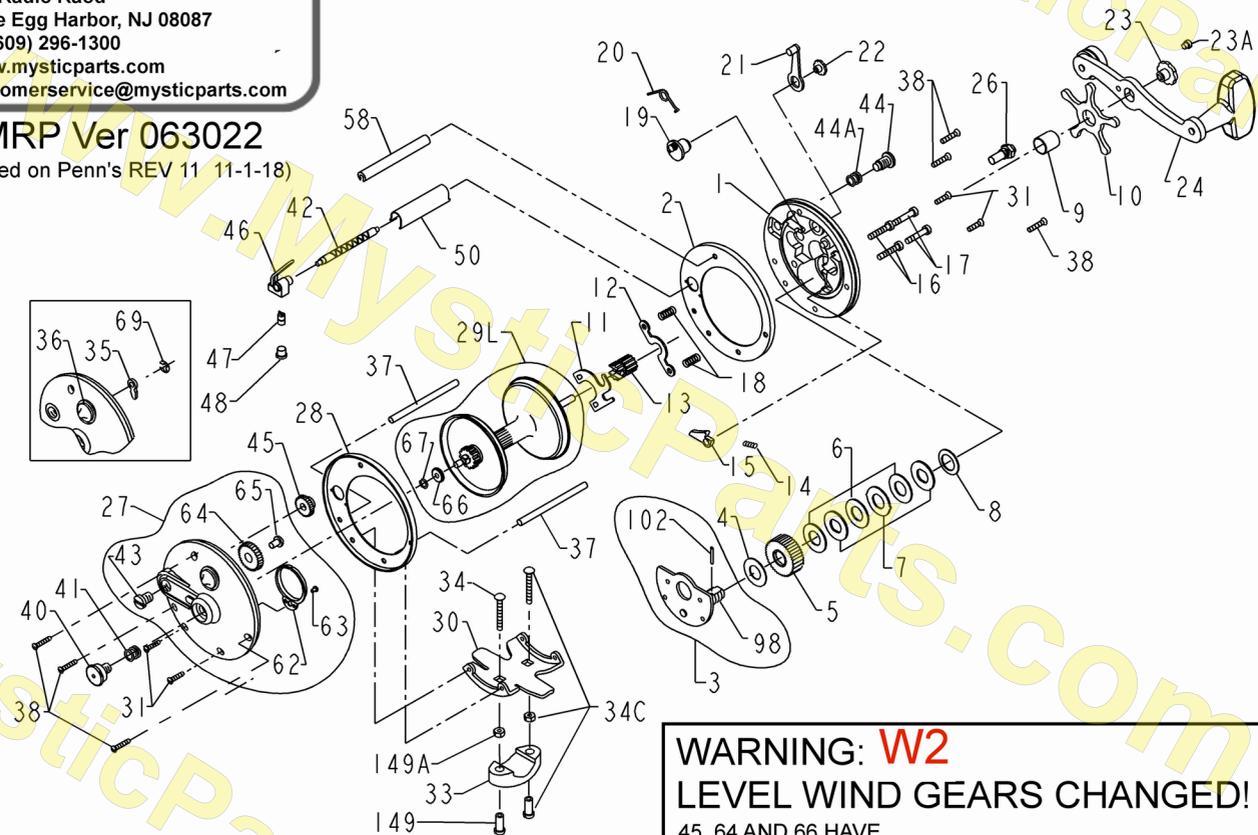
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MRP Ver 063022

(based on Penn's REV 11 11-1-18)



**PARTS LIST FOR MODEL 209**  
REEL ASM. No. 1152031

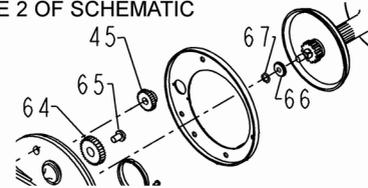


**WARNING: W1**  
**MAIN/PINION CHANGED!**

For reels manufactured in 2007 or before:  
When replacing either the main gear or the pinion gear  
you will need to replace BOTH GEARS, as the tooth count  
has changed to change the gear ratio of the reels.  
SEE PAGE 2 OF SCHEMATIC  
FOR REPLACEMENT KIT DETAILS

**WARNING: W2**  
**LEVEL WIND GEARS CHANGED!**

45, 64 AND 66 HAVE  
DIFFERENT DIAMETERS AFTER 2007  
SEE PAGE 2 OF SCHEMATIC



PENN SCHEMATIC PARTS LIST FOR 209 aka 209M PEERLESS REEL

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
1	1180481	1-209	HANDLE SIDE PLATE
2	<i>See design changes below</i>		
3	1180716	3-155	BRIDGE W/ SLEEVE
4	1180772	4-155	FIBER WASHER
5	<i>See design changes below</i>		
6	1180915	6-155	DRAG WASHER, HT100 MATERIAL (3 REQUIRED)
6C	1180392	6-155SP	DRAG WASHER (COMPLETE 6PC SET)
7	1181014	7-155	WASHER, EARRER METAL DRAG WASHER ONLY
7C	1181047	7C-155	DRAG WASHER (METAL SET)
8	1181056	8-60	TENSION WASHER
9	1181143	9-60	SPACING SLEEVE
10	1181176	10-60	STAR DRAG
11	1181237	11-155	ECCENTRIC JACK
12	1181264	12-155	PINION YOKE
13	<i>See design changes below</i>		
14	1181393	14-99	DOG SPRING
15	1181452	15-209	DOG
16	1181565	16-60CH	LOWER BRIDGE SCREW (2 REQ.)
17	1181594	17-60CH	UPPER BRIDGE SCREW (2 REQ.)
18	1181615	18-60	CLUTCH SPRING
19	1181674	19-209	ECCENTRIC
20	1181769	20-155	ECCENTRIC SPRING
21	1181855	21-209	ECCENTRIC LEVER
22	1181908	22-60CH	ECCENTRIC SCREW (OLD 20-60)
23	1181935	23-60	HANDLE SCREW
23A	1184437	110-60	HANDLE LOCK SCREW
24	<i>See design changes below</i>		
26	1182122	26-155	HANDLE SIDE BEARING
27	<i>See design changes below</i>		
28	<i>See design changes below</i>		
29L	<i>See design changes below</i>		
30	<i>See design changes below</i>		
31	1182714	32-22	STAND SCREW (2 REQ. PER SIDE)
33	<i>See design changes below</i>		
*	<i>See design changes below</i>		
34	<i>See design changes below</i>		
34C	<i>See design changes below</i>		

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
35	1182919	35-155	CLICK TONGUE
36	<i>See design changes below</i>		
37	1183073	37-160	FRAME POST (2 REQ.)
38	1183135	38-8	POST SCREW (3 REQ. PER SIDE)
40	1183267	40-60	NON-HANDLE SIDE BEARING
41	1183327	41-60	NON-HANDLE SIDE BEARING SPRING
42	1183346	42-209	WORM
43	1183375	43-109	NON-HANDLE SIDE WORM BEARING (orig 44-109 had an oil port NLA)
44	1183469	44N-109	HANDLE SIDE WORM BEARING
44A	1183927	57-109	WORM BEARING SPRING
45	<i>See design changes below</i>		
46	1183552	46-209	LINE GUIDE
46C	n/a	46-209C	LINE GUIDE ASSEMBLY 4PCs
47	1183614	47-109	PAWL
48	1183699	48-109	PAWL COVER
50	1183757	50-209	WORM SHEILD
58	1183950	58-209	SLOTTED POST
62	<i>See design changes below</i>		
63	<i>See design changes below</i>		
64	<i>See design changes below</i>		
65	1184084	65-209	IDLER GEAR SCREW
66	<i>See design changes below</i>		
67	1184108	67-209	DRIVE GEAR LCOK SPRING
69	<i>See design changes below</i>		
86	1184259	86-155	WASHER, KEYED METAL DRAG WASHER ONLY
98	1184340	98-155	GEAR SLEEVE
102	1184408	102-60	GEAR SLEEVE PIN
149	<i>See design changes below</i>		
149A	<i>See design changes below</i>		

**MYSTIC REEL PARTS REVISION!**

NOTE: Many of www.mysticparts.com schematics include changes that were either made by Penn, or errors found and corrected by our parts dept. MRP Ver 063022 (based on Penn's REV 11 11-1-18)

**WARNING!**  
**W2 LEVEL WIND GEARS CHANGED!**

**45, 64 AND 66 HAVE DIFFERENT DIAMETERS AFTER 2007**

The idler gear, worm gear and level wind gear originally had slightly different dimensions on pre 2007 models.

Penn changed all 3 and added N to two of the part numbers to reflect this, but the idler gear part # was never changed.

**MEASURE YOUR METAL GEARS!**

If working on older reels, as th eplastic one can wear down more and make measurement unreliable

The original gears are no longer available, you would need to change all 3 to upgrade

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
45	1183540	45N-209	WORM GEAR (NEWER DIAMETER)
64	1184061	64-209	IDLER GEAR (NEWER DIAMETER)
66	1184100	66N-209	LEVEL WIND DRIVE GEAR (NEWER DIAMETER)

**\*\*\*\*\* MEASUREMENTS \*\*\*\*\***

Original O.D.	Current O.D.
Caliper: ~n/a~	Caliper: _____ Ruler: _____ mm:
1.1 " (27.94mm)	0.707 " 11/16" 17.86mm
.35 " (8.89mm)	1.07 " 13/16" ** 21.35mm
Parts NOT available in the older diameters	0.366 " 11/32" 9.25mm
	<b>THIS IS WHAT YOU GET NOW</b>
	** = just a hair over this measurement

**W1****WARNING!****MAIN AND PINION GEARS CHANGED!**

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
5C	1203724	5C-209	KIT: MAIN & PINION GEAR SET 2 PC (RATIO 3.2:1)
5	1190962	5-209LC	MAIN GEAR (RATIO 3.2:1)
13	1191110	13-209LC	PINION GEAR (RATIO 3.2:1)

**ABOVE REPLACES BOTH OLD NUMBERS (SHOWN BELOW)**

5	1180859	5-155	MAIN GEAR (RATIO 3:01) NO LONGER AVAILABLE
13	1181335	13-155	PINION GEAR (RATIO 3:01) NO LONGER AVAILABLE

Penn designed this kit for the 209LC reel and is using it to replace the 5-155/13-155 gear combination. These are RIGHT HAND gears ONLY and DO NOT FIT the left-handed versions of the reels.

**This combination of gears is used on these reels only:**

As Conversion Kit for: 25, 26, 27, 155L, 160L, 180, 209M

Standard Gear Kit for: 209LC

**CLICK SPRING AND BUTTON CHANGES**

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
62	1184026	62-209	CLICK SPRING (METAL)
63	1184048	63-209	CLICK SPRING SCREW (FOR METAL CLICK SPRING)
<b>ORIGINAL METAL SPRING, CHANGED TO PLASTIC THEN CHANGED BACK AGAIN</b>			
62	N/A	62M-209	CLICK SPRING (PLASTIC)
63	1182662	31-2.5FR	CLICK SPRING SCREW (FOR PLASTIC CLICK SPRING)
<b>On 9, 155, 209, 320GT and 330GT reels: Clicker Screw (used with plastic 62M-209 clicker)</b>			
36	NLA	36-209	CLICK BUTTON, OLD STYLE DRILL OUT AND PEEN INTO PLACE
	1183048	36N-209	CLICK BUTTON, SLOTTED TO USE CLIP 69b-600
69	1184129	69B-600	CLICK BUTTON RETAINING SPRING

**SIDE RING VERSIONS**

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
2	1180630	2-209	HANDLE SIDE RING, CHROME OVER BRONZE
	N/A	2N-209	HANDLE SIDE RING, STAINLESS STEEL (CAME OUT WITH 209LC RELEASE)
28	N/A	28-209	NON-HANDLE SIDE RING, CHROME OVER BRONZE
	1182378	28N-209	NON-HANDLE SIDE RING, STAINLESS STEEL (CAME OUT WITH 209LC RELEASE)

**SIDE PLATE CHANGES**

27	1182216	27-209	NON-HANDLE SIDE PLATE, BLACK, CHINA
	NLA	27-209USA	NON-HANDLE SIDE PLATE, BLACK OR OLDER RED/BURG, MADE IN USA

**CLAMP CHANGES****Older Thin Metal Clamps, Studs and Nuts**

33	1182759	33-200	THIN METAL CLAMP
*	1182783	33R-200	THIN METAL CLAMP, W/RING (OPTIONAL)
34	1182810	34-200	CLAMP SCREW (ONLY) (2 REQUIRED)
34C	1182875	34C-200	CLAMP SCREW W/ HEX AND WING NUTS (2 REQUIRED)
33C	1191611	33C-200	THIN METAL CLAMP KIT W/STUDS/NUTS INCLUDED
149	1184702	149-45	CLAMP NUT, LONG (2 REQ.)
149A	1184706	149-200	HEX NUT (2 REQ.)

**Thicker Modern Clamps with shorter studs and long nut**

33	N/A	33-113	ROD CLAMP, Thick Graphite
*	1182754	33N-113	ROD CLAMP, Thick Graphite w/ side ring
34	1182788	34-45	CLAMP SCREW (ONLY) (2 REQUIRED)
34C	1182862	34C-45	CLAMP SCREW W/ HEX AND LONG NUTS (2 REQUIRED)
33C	1180382	33N-113SP	THICK GRAPHITE CLAMP KIT W/STUDS/NUTS INCLUDED
149	1184709	152-200	WING NUT (2 REQ.)
149A	1184706	149-200	HEX NUT (2 REQ.)

**STAND NOTES**

KEY NO	PUREFISHING PART NO	PART NO.	DESCRIPTION
30	1182609	30-66	STAND, MODERN (STAINLESS MATTE FINISH)
	N/A	30-66F	STAND, FRESHWATER 1970s (MEASUREMENT: ??)
	N/A	30-66S	STAND, SALTWATER 1970s (MEASUREMENT: ??)

**SPOOL NOTES**

29 or 29P	N/A	29-209	SPOOL, BAKELITE (PLASTIC)
29L	1182526	29L-209	SPOOL, ALUMINUM (BLACK)
29M	N/A	29M-209	SPOOL, METAL (CHROME OVER BRONZE)

**HANDLE OPTIONS****COUNTER BALANCED HANDLE DESIGNS**

24	1191342	24S-310	HANDLE, STAINLESS STEEL BLADE, BLACK RUBBERIZED KNOB
	OLD#	24-66	HANDLE, CHROME/BRONZE BLADE, TORPEDO KNOB ASSTD COLORS
	OLD#	24N-66	HANDLE, CHROME/BRONZE BLADE, BLACK RUBBERIZED KNOB