



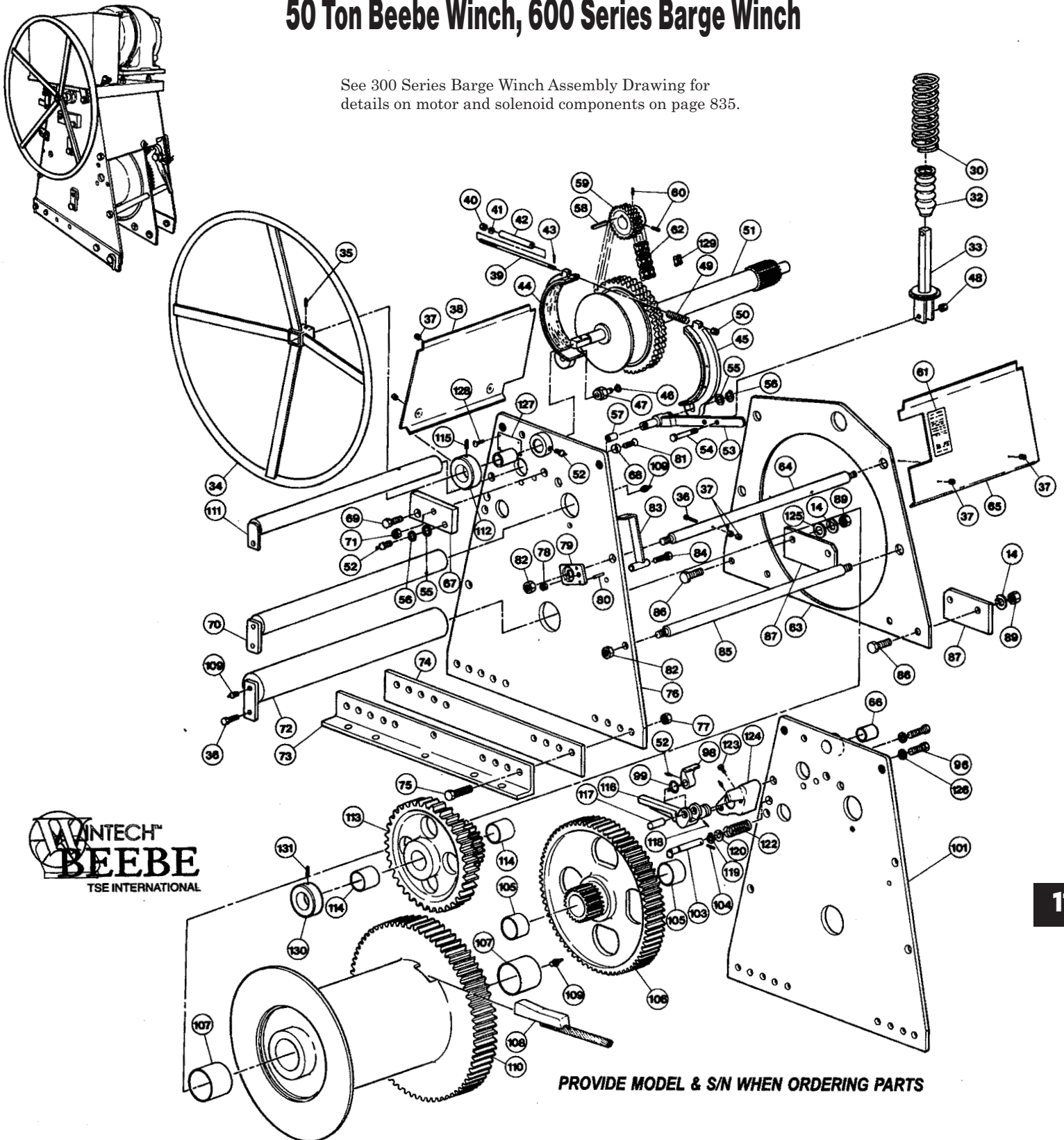
1074 Kenran Industrial Dr.  
St. Louis, MO 63137  
Phone: 1-800-381-9968

# HUMCO DECK FITTINGS

## Wintech Beebe 50 Ton, 600 Series Barge Winch

### 50 Ton Beebe Winch, 600 Series Barge Winch

See 300 Series Barge Winch Assembly Drawing for details on motor and solenoid components on page 835.



PROVIDE MODEL & S/N WHEN ORDERING PARTS



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## Wintech Beebe 600 Series Barge Winch Assembly Parts List



### 600 Series Barge Winch Assembly 50 Ton Parts List

ITEM NO.	DESCRIPTION	TOTAL QTY	PART NO.				
			601	611	621	631	641
1	Motor 5 HP, 1080 RPM	1	50217	—	50217	—	—
	Motor 7.5 HP, 1080 RPM		—	50351	—	—	
	Motor 7.5 HP, 810 RPM		—	—	—	50354	—
	Motor 10 HP, 1080 RPM		—	—	—	—	50357
2	Brake and Solenoid Cover	1	2537 (Left Hand) or 2538 (Right Hand)				
3	Motor Adapter Plate	1	8384-1				
4	Screw	5	71007009				
5	Motor Base Cover (11 in. Drum)	1	Not Required				
	Motor Base Cover (21 in. Drum)		3603-21				
	Motor Base Cover (41 in. Drum)		3603-41				
	Motor Base Cover (62 in. Drum)		3603-62				
	Motor Base Cover (82 in. Drum)		3603-82				
6	Solenoid Stud	4	435				
7	Motor Base (11 in. Drum)	1	8387-11 (Left Hand) or 8386-11 (Right Hand)				
	Motor Base (21 in. Drum)		8387-21 (Left Hand) or 8386-21 (Right Hand)				
	Motor Base (41 in. Drum)		8387-41 (Left Hand) or 8386-41 (Right Hand)				
	Motor Base (62 in. Drum)		8387-62 (Left Hand) or 8386-62 (Right Hand)				
	Motor Base (82 in. Drum)		387-82 (Left Hand) or 8386-82 (Right Hand)				
8	Lock Washer	4	52837				
9	Cap Screw	4	52836				
10	Grommet	1	50193				
11	Motor Base Lockout	4	50209				
12	Nut	8	50159				
13	Cap Screw	4	50197				
14	Lock Washer	8	50181				
15	Nut	8	50171				
16	Solenoid Spacer Cap Screw	4	50204				
17	Lock Washer	4	50200				
18	Nut	2	53390				
19	Lock Washer	2	53836				
20	Base Plate	1	7007-G				
21	Connector Cord	1	50213				
22	Guide	2	7007-E				
23	Pole Piece	1	7007-F				
24	Solenoid 220V	1	7007-220				
	Solenoid 440V		7007-440				
	Coil Only 220V		R4318 WP				
	Coil Only 440V		R4317 WP				
25	Guide (Brass)	2	7007-D				
26	Frame	1	7007-C				
27	Cap Screw	2	51939				
28	Solenoid Spacer	4	613				
29	Plunger	1	7007-A				
30	Compression Spring	1	615				
31	Solenoid Link Pin (Upper)	1	4969				
*32	Bellows Boot	1	3802				
33	Solenoid Connector Link	1	8116				
34	Handwheel	1	1048				
35	Setscrew	1	52857				
36	Cap Screw	2	54522				



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## Wintech Beebe 600 Series Barge Winch Assembly Parts List

### 600 Series Barge Winch Assembly 50 Ton Parts List



ITEM NO.	DESCRIPTION	TOTAL QTY	PART NO.				
			601	611	621	631	641
37	Gear Guard Nut	8	50161				
38	Gear Guard (11 in. Drum)	1	1346-1A (Left Hand) or 1365-1A (Right Hand)				
	Gear Guard (21 in. Drum)		1346-2A (Left Hand) or 1365-2A (Right Hand)				
	Gear Guard (41 in. Drum)		1346-4A (Left Hand) or 1365-4A (Right Hand)				
	Gear Guard (62 in. Drum)		1346-5A (Left Hand) or 1365-5A (Right Hand)				
	Gear Guard (82 in. Drum)		1346-7A (Left Hand) or 1365-7A (Right Hand)				
39	Adjustment Stud	1	1645				
40	Adjustment Nut	1	50170				
41	Washer	1	50177				
42	Adjustment Spacer	1	1646				
43	Cotter Pin	1	51937				
44	Brake Shoe	1	8123				
45	Brake Shoe	1	8122				
46	Brake Shoe Retainer Ring	2	53918				
47	Anchor Eccentric	1	8126				
48	Nut	2	51750				
49	Adjustment Spring	1	1647				
50	Slotted Nut	1	50169				
51	Power Drive Assy. (11 in. Drum)	1	8113-1				
	Power Drive Assy. (21 in. Drum)		8113-2				
	Power Drive Assy. (41 in. Drum)		8113-4				
	Power Drive Assy. (62 in. Drum)		8113-5				
	Power Drive Assy. (82 in. Drum)		8113-7				
52	Grease Fitting	6	51006				
53	Brake Lever	1	8120-1 (Left Hand) or 8120-2 (Right Hand)				
54	Solenoid Link Pin (Lower)	1	4969-1				
55	Brake Lever Washer	2	50166				
56	Brake Lever Retainer Ring	2	50191				
57	Brake Lever Bushing	1	51406				
58	Key	1	Not sold separately				
59	Motor Sprocket	1	3185	3179			
60	Setscrew	2	53154				
61	Label	1	T26				
62	Roller Chain	1	50220-70	50220-66			
63	Wire Rope Guard	1	1678				
64	Spacer Shaft (11 in. Drum)	2	2883-1				
	Spacer Shaft (21 in. Drum)		2883-2				
	Spacer Shaft (41 in. Drum)		2883-4				
	Spacer Shaft (62 in. Drum)		2883-5				
	Spacer Shaft (82 in. Drum)		2883-7				
65	Gear Guard (11 in. Drum)	1	1346-1B (Left Hand) or 1365-1B (Right Hand)				
	Gear Guard (21 in. Drum)		1346-2B (Left Hand) or 1365-2B (Right Hand)				
	Gear Guard (41 in. Drum)		1346-4B (Left Hand) or 1365-4B (Right Hand)				
	Gear Guard (62 in. Drum)		1346-5B (Left Hand) or 1365-5B (Right Hand)				
	Gear Guard (82 in. Drum)		1346-7B (Left Hand) or 1365-7B (Right Hand)				
66	Power Driving Bushing	2	1293-7				
67	Brake Doubler Plate	1	8112-1				
68	Plate Locator Bushing	1	8117				
69	Cap Screw	1	50208				



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## Wintech Beebe 600 Series Barge Winch Assembly Parts List



### 600 Series Barge Winch Assembly 50 Ton Parts List

ITEM NO.	DESCRIPTION	TOTAL QTY	PART NO.				
			601	611	621	631	641
70	B-C Shaft (11 in. Drum)	1			326-1		
	B-C Shaft (21 in. Drum)				326-2		
	B-C Shaft (41 in. Drum)				326-4		
	B-C Shaft (62 in. Drum)				326-5		
	B-C Shaft (82 in. Drum)				326-7		
71	Nut	1			50211		
72	Drum Shaft (11 in. Drum)	1			325-1		
	Drum Shaft (21 in. Drum)				325-2		
	Drum Shaft (41 in. Drum)				325-4		
	Drum Shaft (62 in. Drum)				325-5		
	Drum Shaft (82 in. Drum)				325-7		
73	Angle Deck Bracket (Optional)	2			1111		
74	Deck Bracket (Std)	2			324		
75	Cap Screw	8			54221		
76	Side Frame	1			8112-L		
77	Deck Bracket Nut	18			50826		
78	Nut	1			50207		
79	Lock Out Bar Bracket	1			1124		
80	Pin	1			53909		
81	Screw	1			50210		
82	Spacer Nut	10			50154		
83	Lock Out Bar	1			1125-1		
84	Cap Screw	1			50206		
85	Spacer Shaft (11 in. Drum)	2			330-1		
	Spacer Shaft (21 in. Drum)				330-2		
	Spacer Shaft (41 in. Drum)				330-4		
	Spacer Shaft (62 in. Drum)				330-5		
	Spacer Shaft (82 in. Drum)				330-7		
86	Cap Screw	4			50183		
87	Cable Guard Deck Bracket	2			1732		
89	Nut	4			50205		
96	Cap Screw	2			52829		
98	Dog (Includes item 52)	1			1020A		
99	Dog Spring	1			1011 (Left Hand) or 1010 (Right Hand)		
101	Side Frame	1			8112-R		
103	Plunger Pin	1			361		
104	Pin	1			52727		
*105	B-C Gear Bushing	2			1293-5		
106	B-C Gear	1			338		
*107	Drum Bushing	2			1293-4		
108	Wire Rope Wedge 3/4"	1			336		
	Wire Rope Wedge 7/8"				334		
	Wire Rope Wedge 1"				333		
	Wire Rope Wedge 1 1/8"				332		
	Wire Rope Wedge 1 1/4"				331		
109	Grease Fitting	4			53095		



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## Wintech Beebe 600 Series Barge Winch Assembly Parts List

### 600 Series Barge Winch Assembly 50 Ton Parts List



ITEM NO.	DESCRIPTION	TOTAL QTY	PART NO.				
			601	611	621	631	641
110	Drum Assembly (11 in. long)	1	7962-A-11				
	Drum Assembly (21 in. long)		7962-A-20				
	Drum Assembly (41 in. long)		7962-A-41				
	Drum Assembly (62 in. long)		7962-A-61				
	Drum Assembly (82 in. long)		7962-A-82				
111	D-E Shaft (11 in. long Drum)	1	328-1				
	D-E Shaft (21 in. long Drum)		328-2				
	D-E Shaft (41 in. long Drum)		328-4				
	D-E Shaft (62 in. long Drum)		328-5				
	D-E Shaft (82 in. long Drum)		328-7				
112	Collar	1	4046-2				
113	D-E Gear	1	337				
• 114	Gear Bushing	2	1293-6				
115	Setscrew	1	50855				
116	Dog Lever	1	313 (Left Hand) or 365 (Right Hand)				
117	Dog Shaft	1	312				
118	Pin	1	553-13				
119	"C" Clip	1	553-11				
120	Washer	1	553-12				
122	Spring	1	A348				
123	Retainer Screw	1	733				
124	Dog Bracket	1	314 (Left Hand) or 364 (Right Hand)				
125	Flat Washer	2	50182				
126	Lock Washer	2	51012				
127	Nameplate	1	T53				
128	Drive Screw	4	50915				
129	Master Link	1	50329				
130	Collar	1	4046-3				
131	Setscrew	1	52528				

• Recommended Spare

Note: The use of motors with non-standard frames (bolt hole sizes) may require that the following optional parts be used to mount the motor.

ITEM NO.	DESCRIPTION	TOTAL QTY	PART NO.
13	Cap Screw	4	50196
14	Lock Washer	4	50200
15	Nut	4	50198

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**ASSEMBLIES**

ITEM NO.	DESCRIPTION	PART NO.				
		601	611	621	631	641
152	Dog Assembly (Includes items 52, 98, 99, 103, 104 and 116 thru 126)	553 (Left Hand) or 555 (Right Hand)				
153	Brake Assembly (Includes items 39 thru 50 and 53 thru 56)	8118 (Left Hand) or 8119 (Right Hand)				



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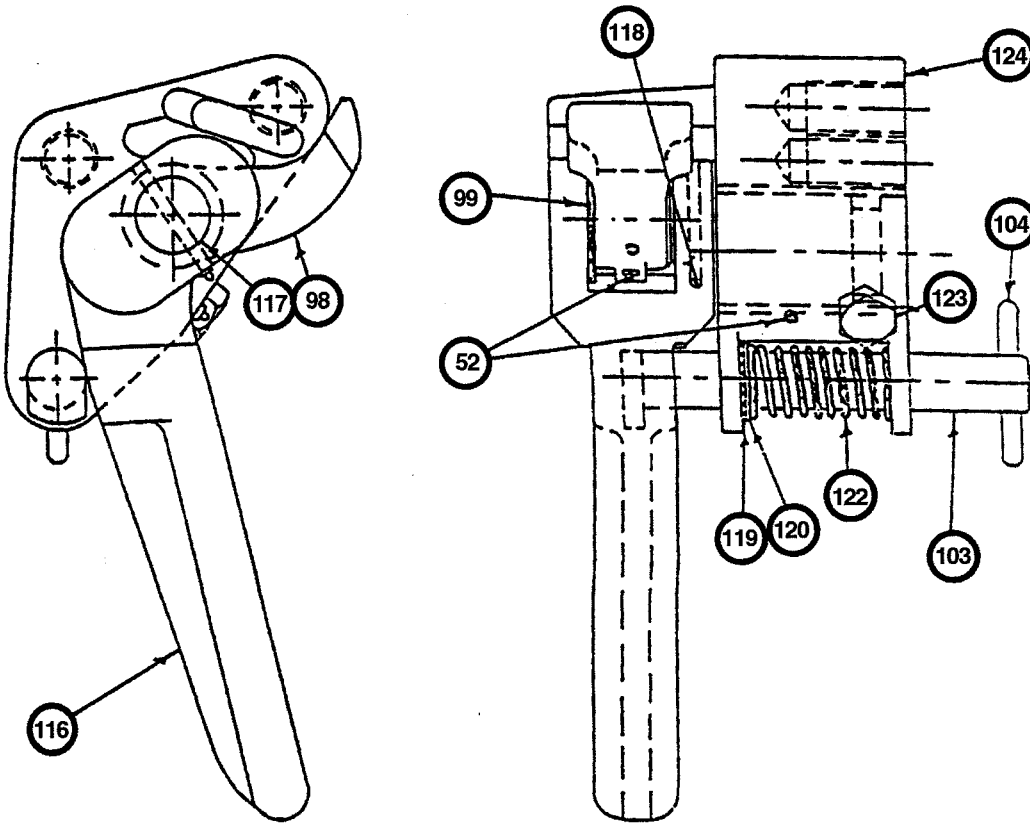
## Wintech Beebe 600 Series Left Hand Dog Assembly



### Left Hand Dog Assembly

Part No. 553

### 600 Series 50 Ton Barge Winch



ITEM NO.	DESCRIPTION	QTY.	DRAWING NO.
124	Dog Bracket - Left Hand	1	314
116	Dog Lever - Left Hand	1	313
98	Dog	1	1020A
117	Dog Shaft	1	312
99	Dog Spring - Left Hand	1	1011
103	Plunger Pin	1	361
122	Plunger Pin Spring	1	348
104	Plunger Pin Handle	1	52727
123	Retaining Screw	1	733
52	Alemite Grease Fittings	1	51006
119	"C" Clip	1	553-11
120	Washer	1	553-12
118	Rollpin	1	553-13

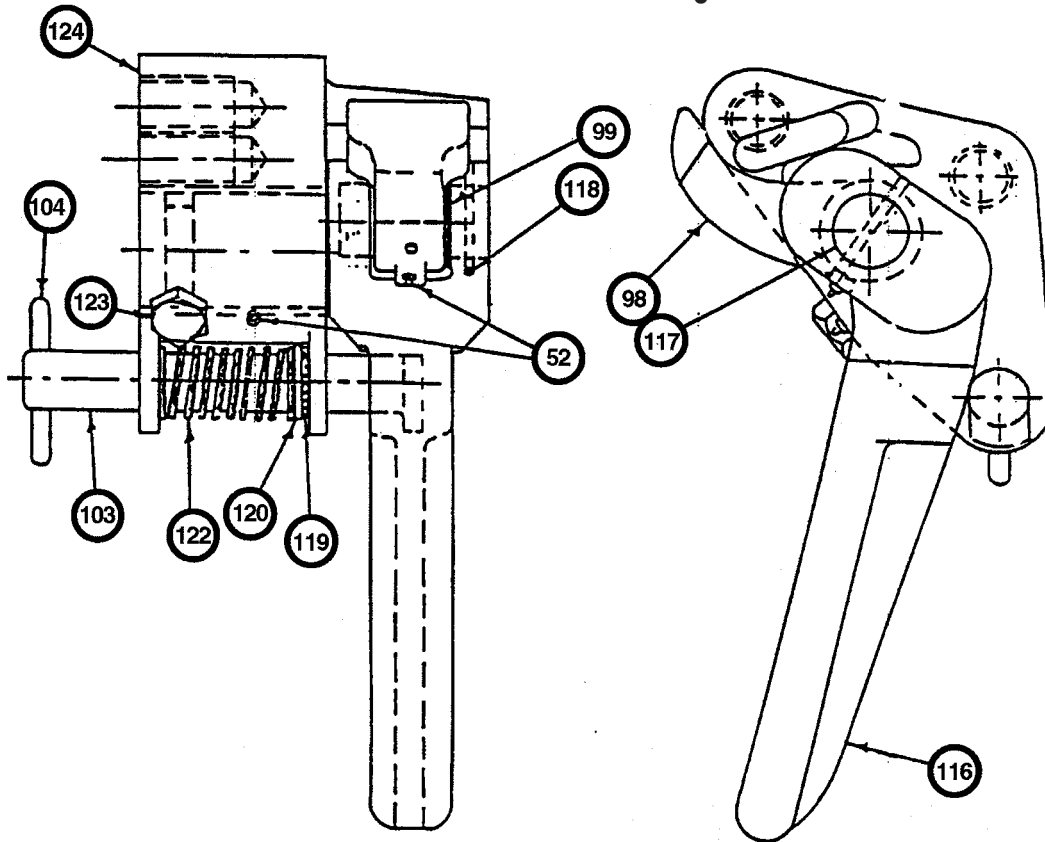


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# HUMCO DECK FITTINGS

## Wintech Beebe 600 Series Right Hand Dog Assembly

### Right Hand Dog Assembly Part No. 555 600 Series 50 Ton Barge Winch



ITEM NO.	DESCRIPTION	QTY.	DRAWING NO.
124	Dog Bracket - Right Hand	1	364
116	Dog Lever - Right Hand	1	365
98	Dog	1	1020A
117	Dog Shaft	1	312
99	Dog Spring - Right Hand	1	1010
103	Plunger Pin	1	361
122	Plunger Pin Spring	1	348
104	Plunger Pin Handle	1	52727
123	Retaining Screw	1	733
52	Alemite Grease Fittings	1	51006
119	"C" Clip	1	553-11
120	Washer	1	553-12
118	Rollpin	1	553-13

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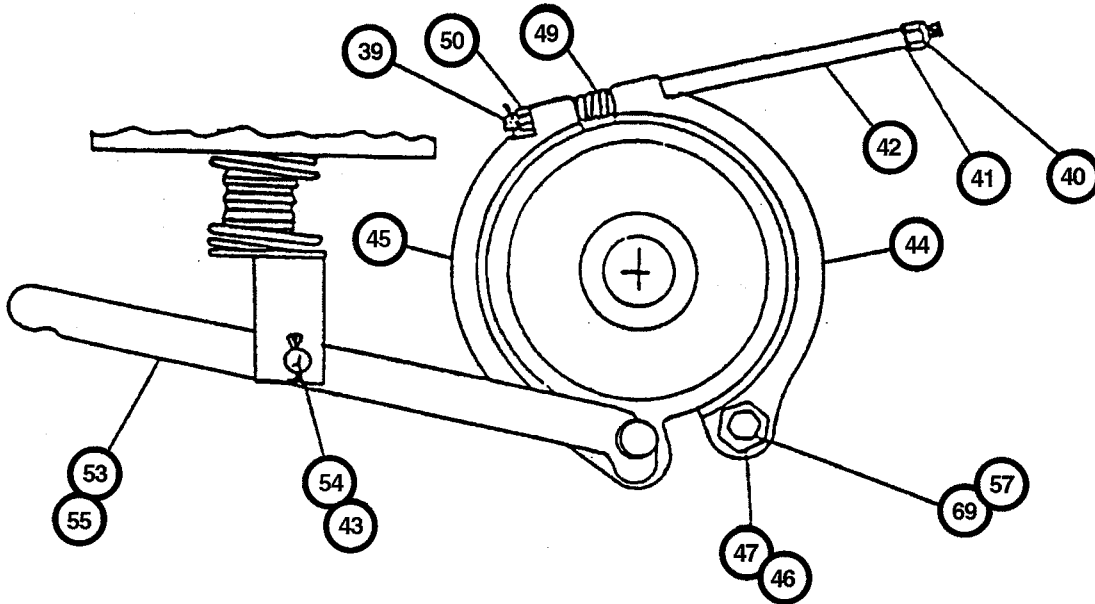
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# HUMCO DECK FITTINGS

## Wintech Beebe 600 Series Brake Assembly



### Brake Assembly 600 Series 50 Ton Barge Winch



ITEM NO.	DESCRIPTION	QTY.	PART NO.
53	Brake Lever - Left Hand	1	8120-2
53	Brake Lever - Right Hand	1	8120-1
45	Brake Shoe - Lever Side	1	8122
44	Brake Shoe - Anchor Side	1	8123
47	Brake Anchor Eccentric	1	8126
39	Adjustment Stud	1	1645
42	Adjustment Spacer	1	1646
49	Adjustment Spring	1	1647
54	Solendid Link Pin	1	4969-1
69	Anchor Bolt	1	50208
40	Adjustment Nut	1	50170
41	Flat Washer	1	50177
50	Slotted Nut	1	50169
46	Brake Shoe Retaining Ring	1	53918
55	Brake Lever Washer	1	50166
43	Cotter Pins	5	51937



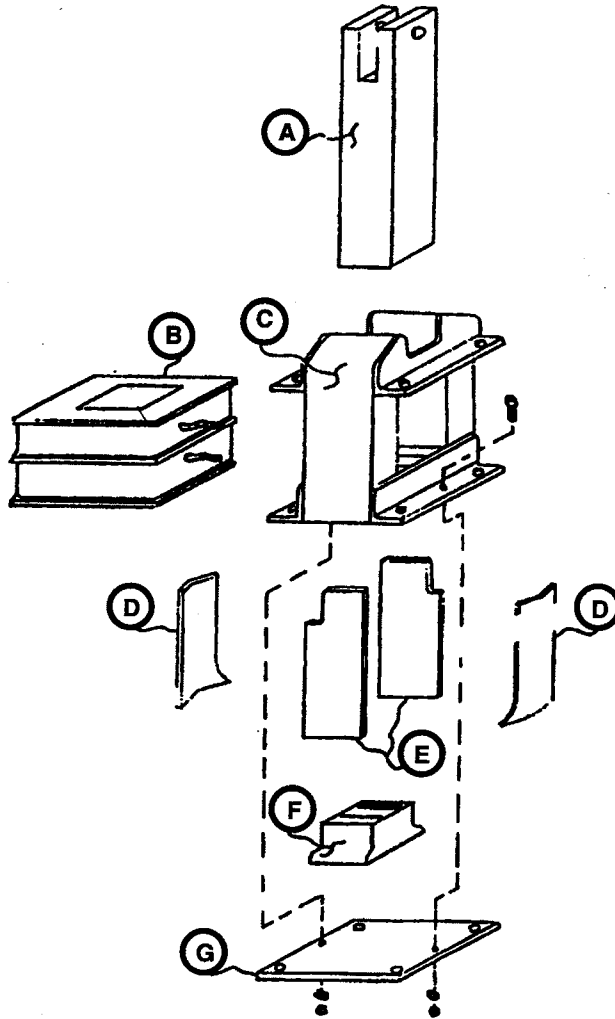


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## Wintech Beebe Solenoid Parts Breakdown

### Solenoid Parts Breakdown For 7007-220 and 7007-440



ITEM NO.	DESCRIPTION	TOTAL QTY	MODEL/PART NO.						
			301	311	321	331	341	351	
A	Plunger	1				7007-A			
B	Coil, 440V	1				R4317 WP			
XX	Coil, 220V	1				R4318 WP			
C	Frame	1				7007-C			
D	Guides (Brass)	2				7007-D			
E	Guides (Laminated Phenolic)	2				7007-E			
F	Pole Piece	1				7007-F			
G	Base Plate	1				7007-G			