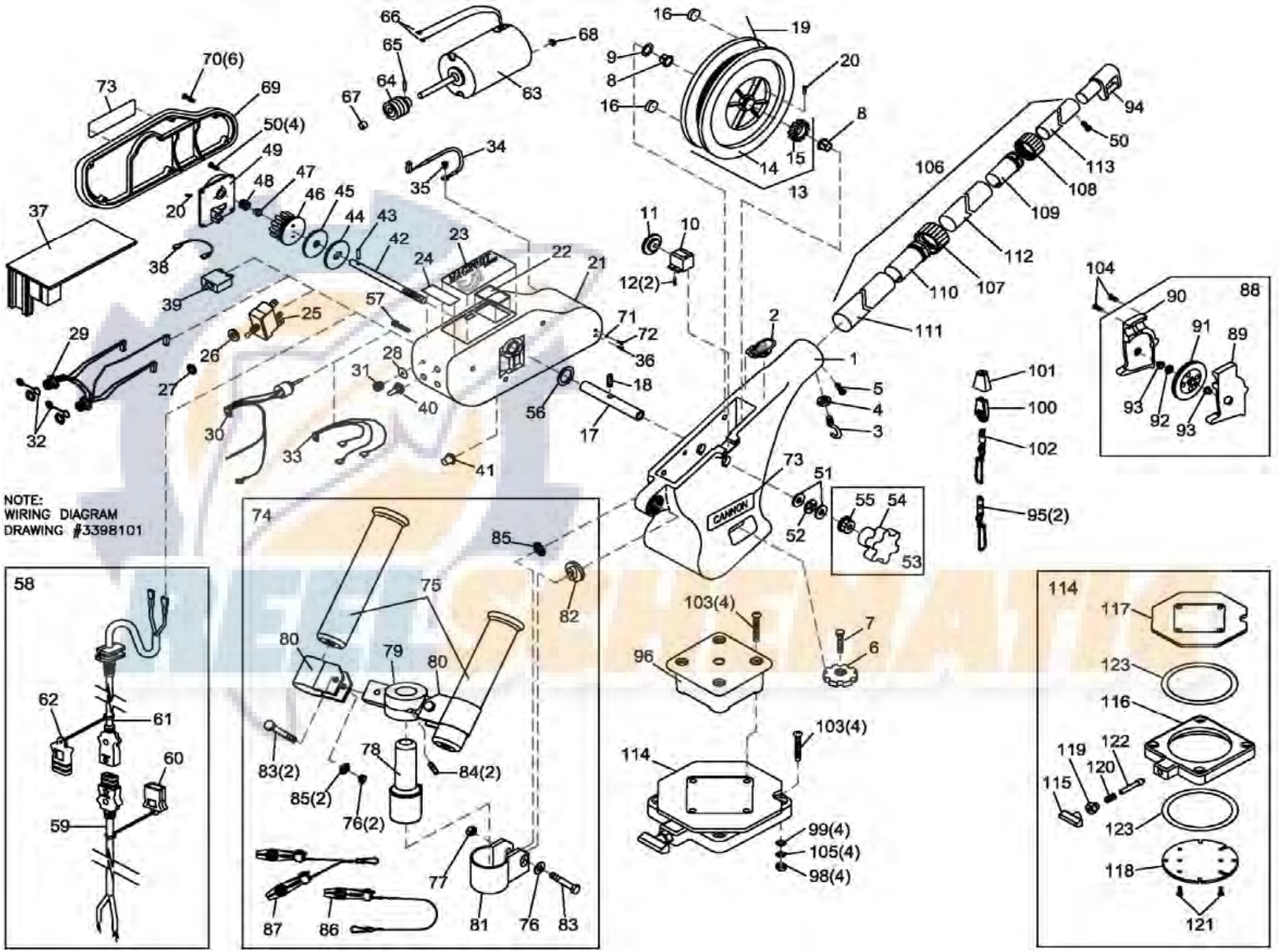
CANNON

MAG 20 DT/HS/E™

1902201



In the U.S.A., replacement parts may be ordered directly from CANNON Parts Dept., 121 Power Drive, Mankato, Minnesota 56001. In Canada, parts may be ordered from any of the Canadian Authorized Service Centers shown on the enclosed list. Be sure to provide the MODEL and SERIAL numbers of your downrigger when ordering parts. Please use the correct part numbers from the parts list. Payment for any parts ordered from the CANNON parts department, may be by cash, personal check, Discover Card, MasterCard or VISA. To order, call 1-800-227-6433 or FAX 1-800-527-4464.

1	3392500	FRAME - LARGE BLACK (LEXAN)
2	4427005	NOSE DECAL MAGNUM
3	9040040	HOOK - 1/4" - 20 ROLLED
4	2263102	NUT - HEX 1/4"-20
5	9280750	SCREW - 1/4" - 20 (RH) x 3/4" PPH
6	0849615	BASE LOCK KNOB
7	9040340	BOLT - 3/8"-16 X 1-1/2" HEX
8	9010001	BEARING - REEL SHAFT NYLINER [2.EA]
9	9430210	WASHER - 1-1/16" OD X 7/8" ID (NYLON)
10	3320011	DEPTH COUNTER - 3 DIGIT (METRIC)
11	3333010	COUNTER GEAR (METRIC)
12	0854654	COUNTER CUSHION/STOPPER [2.EA]
13	3374010	REEL ASSY - HS ELECTRIC (METRIC)
14	0274731	►REEL - MACHINED 3.75"
15	3333011	>GEAR REEL (METRIC)
16	1459666	REEL MAGNET [2.EA]
17	1480071	SHAFT - REEL
18	9340131	SCREW - SET 5/16"-18 x 1-3/4" (REEL)
19	3775397	SPOOL CABLE SS [400.FT]
20	9100070	CABLE LEADER SLEEVE [2.EA]
21	3396530	MOTOR HOUSING - MAG 20 (LEXAN)
22	1497074	LENSE - WINDOW DISPLAY
23	3395620	DECAL - LARGE, MAG 20 DT/HS
24	3395702	DECAL - POSITIVE ION CONTROL
25	2286792	SWITCH - UP/DN CONTROL
26	3391722	WASHER-FLAT 7/16 SAE
27	2286793	WASHER - SHIM .750 x .1 UP/DN SWITCH
28	3395703	DECAL - PIC KNOB DIAL
29	050268	CABLE ASSY - MAG20DT (DATA IN/OUT)
30	050215	POSITIVE ION CONTROL POT
31	611005	KNOB - POSITIVE ION CONTROL
32	700176	CAP - CONNECTION PORT [2.EA]
33	609209	CABLE ASSY - MAG20DT UP/DN SWITCH
34	609253	CABLE ASSY - ANTENNA IN (SENSOR)
35	1234002	INSERT - 1/4" PRESS THD #6-32
36	603103	SCREW - MACH #6-32 x 3/8" SS
37	3394044	CONTROL BOARD - MAG 20 DT
38	1296831	WIRE-CIRCUIT BREAKER JUMPER (RED)
39	3398205	CIRCUIT BREAKER - 30 AMP
40	1221490	UP/DN SWITCH BOOT
41	1221491	CIRCUIT BREAKER BOOT
42	1480070	SHAFT - DRIVE
43	9250002	PIN - DRIVE SHAFT 3/16" ROLL SS
44	0467695	BRAKE PLATE - REEL
45	3391710	CLUTCH PAD
46	1433074	GEAR - DRIVER WORM
47	9010003	BEARING - DRIVE SHAFT NYLINER
48	9400005	SPRING - SHAFT CONTACT
49	4421002	COVER - GEAR CASE
50	2372100	SCREW - #8 x 5/8" PPHMS [5.EA]
51	9010310	WASHER - THRUST [2.EA]
52	9010280	BEARING - THRUST
53	2998906	KNOB BRAKE
54	0649001	►KNOB - HAND ADJUST
55	9130390	►NUT - KNURLED INSERT 3/8"-24
56	1479070	O-RING - REEL SHAFT
57	9370205	SCREW - 1/4" x 3/4" HEX WASH HD [3.EA]
58	3993200	POWER CABLE ASSEMBLY
59	3393200	>POWER CABLE - BATTERY
60	3393201	>CAP - POWER CABLE - BATTERY
61	3393202	>POWER CABLE - MOTOR
62	3393210	>CAP - POWER CABLE -MOTOR
63	3391000	MOTOR 12V DC
64	1497070	GEAR - WORM MOTOR
65	9250001	PIN - MOTOR, 3/32" X 3/4" ROLL SS
66	700032	TERMINAL - MOTOR, FEM 12-10 [2.EA]
67	9010002	BEARING - MOTOR SHAFT
68	2263112	NUT - HEX #10-32 BZ
69	1421072	COVER - MOTOR HOUSING (LEXAN)
70	3393400	SCREW - #8-18 x 1-1/4" PPHSMS SS [6.EA]
71	701-007	O-RING - SMALL
72	2332103	SCREW-#6-20 X 3/8"
73	3395630	DECAL - CANNON LARGE [2.EA]
74	3991902	BAG ASSY - DUAL REAR ROD HOLDER
75	0290796	>TUBE - ROD HOLDER [2.EA]
76	2151726	>WASHER - 5/16" FLAT
77	2383106	>NUT - 5/16"-18 SS [3.EA]
78	2411386	>POST - REAR MOUNT (LEXAN)
79	2411390	>BRACKET - DUAL ROD (LEXAN)
80	2419470	>CLAMP - ROD HOLDER [2.EA]
81	3319005	>CLAMP - ROD HOLDER w/ SLOT
82	3325002	>DISK - ROD HOLDER
83	9040310	>BOLT - HEX 5/16"-18 x 2" [3.EA]
84	9340101	>SCREW - SET 3/8"-16 x 5/8" [2.EA]
85	9430160	>WASHER - STAR 5/16" [3.EA]
86	2277002	>UNIVERSAL LINE RELEASE
87	3998600	>UNI-STACKER RELEASE
88	3992300	SWIVEL HEAD ASSEMBLY
89	0267001	►SIDE PLATE (RH)
90	0267002	►SIDE PLATE (LH)
91	0269726	►PULLY - SWIVEL HEAD
92	3397300	►WASHER - .735 OD X .36 ID
93	9010070	►HDW BEARING BRASS[2.EA]
94	2227820	BOOM END - TELESCOPIC (LEXAN)
95	2200148	SNAP & INSULATOR [2.EA]
96	1007334	MOUNTING BASE (LEXAN)
97	2994893	*BAG ASSEMBLY, MOUNTING (KIT #3)
98	2263102	NUT - HEX 1/4"-20 [4.EA]
99	2371712	WASHER - 9/32" FLAT [4.EA]
100	9100100	TERMINATOR
101	9100101	TERMINATOR CUSHION
102	9100620	TERMINATOR SNAP & SWIVEL
103	9280725	BOLT - TRUSS 1/4" - 20 x 2-1/2" [8.EA]
104	9370010	SCREW - #4 x 1/2" PPH [3.EA]
105	9950357	WASHER - LOCK 1/4" SPLIT [4.EA]
106	2210821	TELESCOPIC BOOM
107	2219822	>BASE TUBE CLAMP
108	2219823	>MID TUBE CLAMP
109	2222825	>MID TUBE COLLET
110	2222826	>BASE TUBE COLLET
111	2290828	►BOOM BASE TUBE (BLACK)
112	2290829	►BOOM MID TUBE (BLACK)
113	2290830	►BOOM END TUBE (BLACK)
114	2998905	SWIVEL BASE
115	2249001	>KNOB - RELEASE PIN (LEXAN)
116	2267001	>BASE PLATE (LEXAN)
117	2267002	>SWIVEL PLATE (LEXAN)
118	3391919	>INDEXING PLATE (TAPPED)
119	2277001	>NUT - RETAINER RELEASE
120	2287002	>SPRING - RELEASE PIN
121	2372100	>SCREW - #8 x 5/8" PPHMS [2.EA]
122	3392600	>RELEASE PIN
123	9010004	>BEARING - SWIVEL BASE [2.EA]

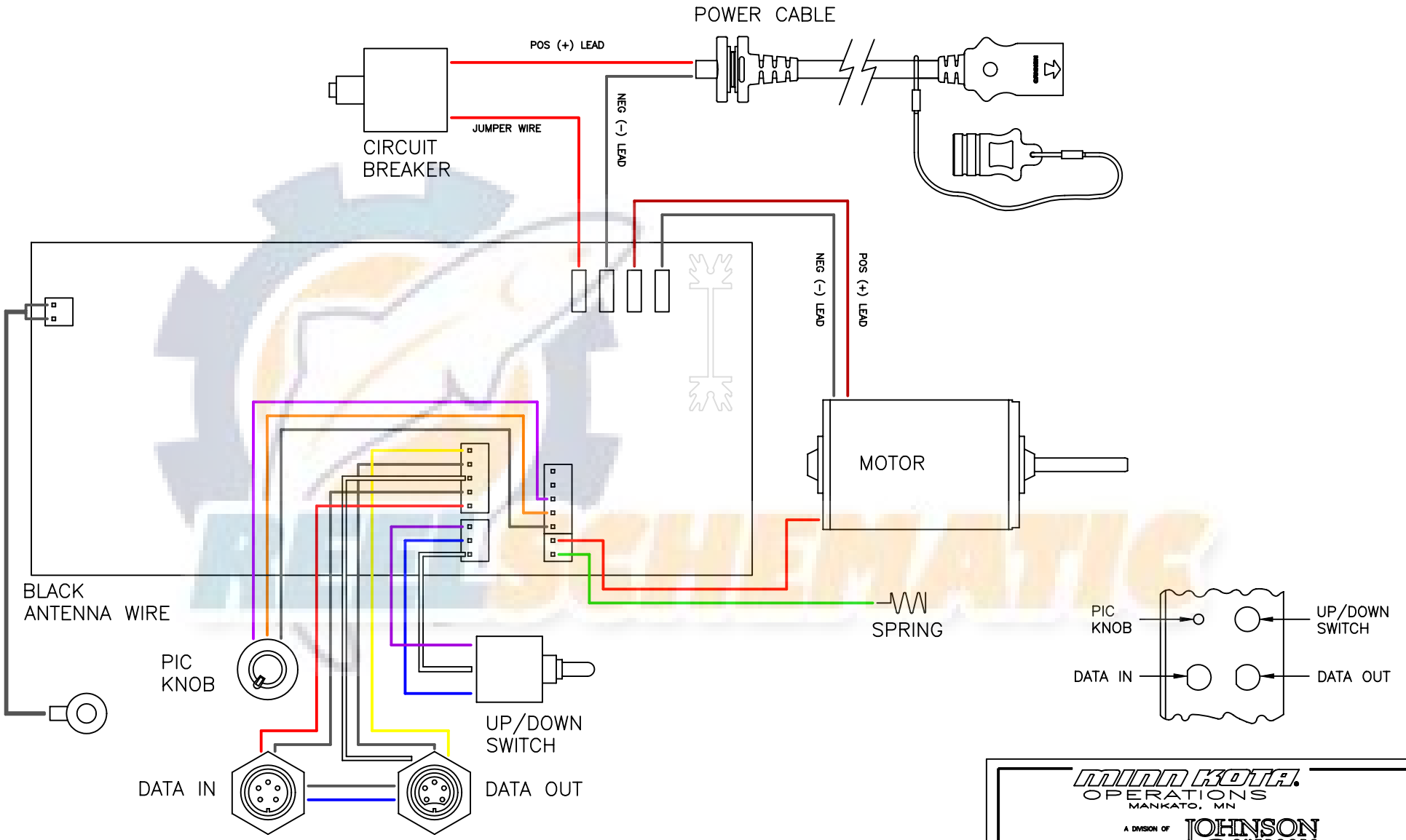
> PART OF ASSEMBLY

►ITEM CANNOT BE SOLD SEPARATELY

* PARTS USED BUT NOT SHOWN

PART NO: 339-8101

REVISIONS					
REV.	ECN NO.	DESCRIPTION	BY	DATE	APP'VD BY
A	15412	RELEASED	JLL	10/18/06	DJ
B	30583	REVISED IDC WIRE PLACEMENT	JLL	11/05/07	DJ



MINN KOTA OPERATIONS
MANKATO, MN
A DIVISION OF JOHNSON OUTDOORS

TOLERANCES:
UNLESS OTHERWISE SPECIFIED
.XXXX ±.0010
.XXX ±.005
.XX ±.010
.X ±.015
FRACTIONAL ± 1/64
ANGULAR DIMENSIONS ± 0°30'

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THIRD ANGLE PROJECTION

DRAWN BY: JLL	DATE: 10/18/06	
APP'VD BY: DJ	DATE: 10/18/06	
CHECKED BY:	DATE:	

FINISH: NONE
MATERIAL: NONE

PART NAME: MAG 20 DT WIRING DIAGRAM
SIZE: A
RELEASED ECN#: 15412
PART NO.: 339-8101
REV.: B
SCALE: NONE
SHEET 1 OF 1
U/M: IN.