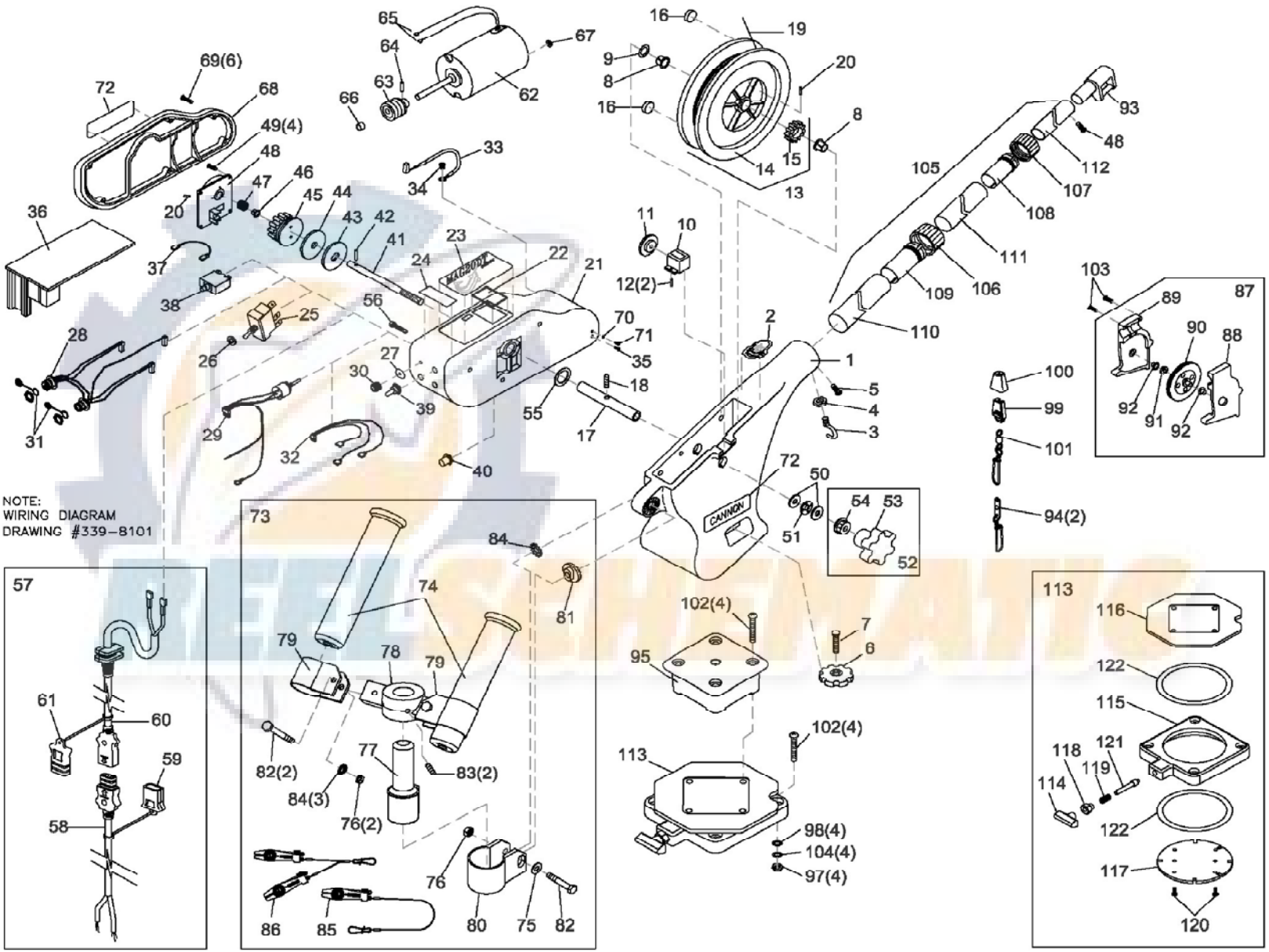
CANNON

MAG 20 DT/HS/E™

for use with "AH" serial numbers



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	1497071	LENSE - WINDOW DISPLAY
23	3395620	DECAL - LARGE, MAG 20 DT/HS
24	3395702	DECAL - POSITIVE ION CONTROL
25	2286792	SWITCH - UP/DN CONTROL
26	2286793	WASHER - SHIM .750 x .1 UP/DN SWITCH
27	3395703	DECAL - PIC KNOB DIAL
28	050268	CABLE ASSY - MAG20DT (DATA IN/OUT)
29	050215	POSITIVE ION CONTROL POT
30	611005	KNOB - POSITIVE ION CONTROL
31	700176	CAP - CONNECTION PORT [2.EA]
32	609209	CABLE ASSY - MAG20DT UP/DN SWITCH
33	609253	CABLE ASSY - ANTENNA IN (SENSOR)
34	1234002	INSERT - 1/4" PRESS THD #6-32
35	603103	SCREW - MACH #6-32 x 3/8" SS
36	050265	CONTROL BOARD - MAG 20 DT
37	1296831	WIRE - CIRCUIT BREAKER JUMPER (RED)
38	3396205	CIRCUIT BREAKER - 30 AMP
39	1221490	UP/DN SWITCH BOOT
40	1221491	CIRCUIT BREAKER BOOT
41	1480070	SHAFT - DRIVE
42	9250002	PIN - DRIVE SHAFT 3/16" ROLL SS
43	0467695	BRAKE PLATE - REEL
44	1264670	CLUTCH PAD
45	1433074	GEAR - DRIVER WORM
46	9010003	BEARING - DRIVE SHAFT NYLINER
47	9400005	SPRING - SHAFT CONTACT
48	4421002	COVER - GEAR CASE
49	2372100	SCREW - #8 x 5/8" PPHMS [5.EA]
50	9010310	WASHER - THRUST [2.EA]
51	9010280	BEARING - THRUST
52	2998906	KNOB BRAKE
53	0649001	►KNOB - HAND ADJUST
54	9130390	►NUT - KNURLED INSERT 3/8"-24
55	1479070	O-RING - REEL SHAFT
56	9370205	SCREW - 1/4" x 3/4" HEX WASH HD [3.EA]
57	3993200	POWER CABLE ASSEMBLY
58	3393200	>POWER CABLE - BATTERY
59	3393201	>CAP - POWER CABLE - BATTERY
60	3393202	>POWER CABLE - MOTOR
61	3393210	>CAP - POWER CABLE -MOTOR
62	1458001	MOTOR 12V DC
63	1497070	GEAR - WORM MOTOR
64	9250001	PIN - MOTOR, 3/32" X 3/4" ROLL SS
65	700032	TERMINAL - MOTOR, FEM 12-10 [2.EA]
66	9010002	BEARING - MOTOR SHAFT
67	2263112	NUT - HEX #10-32 BZ
68	1421072	COVER - MOTOR HOUSING (LEXAN)
69	3393400	SCREW - #8-18 x 1-1/4" PPHSMS SS [6.EA]
70	701007	O-RING - SMALL
71	2332103	SCREW-#6-20 X 3/8"
72	3395630	DECAL - CANNON LARGE [2.EA]
73	3991902	BAG ASSY - DUAL REAR ROD HOLDER
74	0290796	>TUBE - ROD HOLDER [2.EA]
75	2151726	>WASHER - 5/16" FLAT
76	2383106	>NUT - 5/16"-18 SS [3.EA]
77	2411386	>POST - REAR MOUNT (LEXAN)
78	2411390	>BRACKET - DUAL ROD (LEXAN)
79	2419470	>CLAMP - ROD HOLDER [2.EA]
80	3319005	>CLAMP - ROD HOLDER w/ SLOT
81	3325002	>DISK - ROD HOLDER
82	9040310	>BOLT - HEX 5/16"-18 x 2" [3.EA]
83	9340101	>SCREW - SET 3/8"-16 x 5/8" [2.EA]
84	9430160	>WASHER - STAR 5/16" [3.EA]
85	2277002	>UNIVERSAL LINE RELEASE
86	3998600	>UNI-STACKER RELEASE
87	3992300	SWIVEL HEAD ASSEMBLY
88	0267001	►SIDE PLATE (RH)
89	0267002	►SIDE PLATE (LH)
90	0269726	►PULLY - SWIVEL HEAD
91	3397300	►WASHER - .735 OD X .36 ID
92	9010070	►HDW BEARING BRASS[2.EA]
93	2227820	BOOM END - TELESCOPIC (LEXAN)
94	2200148	SNAP & INSULATOR [2.EA]
95	1007334	MOUNTING BASE (LEXAN)
96	2994893	*BAG ASSEMBLY, MOUNTING (KIT #3)
97	2263102	NUT - HEX 1/4"-20 [4.EA]
98	2371712	WASHER - 9/32" FLAT [4.EA]
99	9100100	TERMINATOR
100	9100101	TERMINATOR CUSHION
101	9100620	TERMINATOR SNAP & SWIVEL
102	9280725	BOLT - TRUSS 1/4" - 20 x 2-1/2" [8.EA]
103	9370010	SCREW - #4 x 1/2" PPH [3.EA]
104	9950357	WASHER - LOCK 1/4" SPLIT [4.EA]
105	2210821	TELESCOPIC BOOM
106	2219822	>BASE TUBE CLAMP
107	2219823	>MID TUBE CLAMP
108	2222825	>MID TUBE COLLET
109	2222826	>BASE TUBE COLLET
110	2290828	►BOOM BASE TUBE (BLACK)
111	2290829	►BOOM MID TUBE (BLACK)
112	2290830	►BOOM END TUBE (BLACK)
113	2998905	SWIVEL BASE
114	2249001	>KNOB - RELEASE PIN (LEXAN)
115	2267001	>BASE PLATE (LEXAN)
116	2267002	>SWIVEL PLATE (LEXAN)
117	2267006	>INDEXING PLATE (TAPPED)
118	2277001	>NUT - RETAINER RELEASE
119	2287002	>SPRING - RELEASE PIN
120	2372100	>SCREW - #8 x 5/8" PPHMS [2.EA]
121	3392600	>RELEASE PIN
122	9010004	>BEARING - SWIVEL BASE [2.EA]

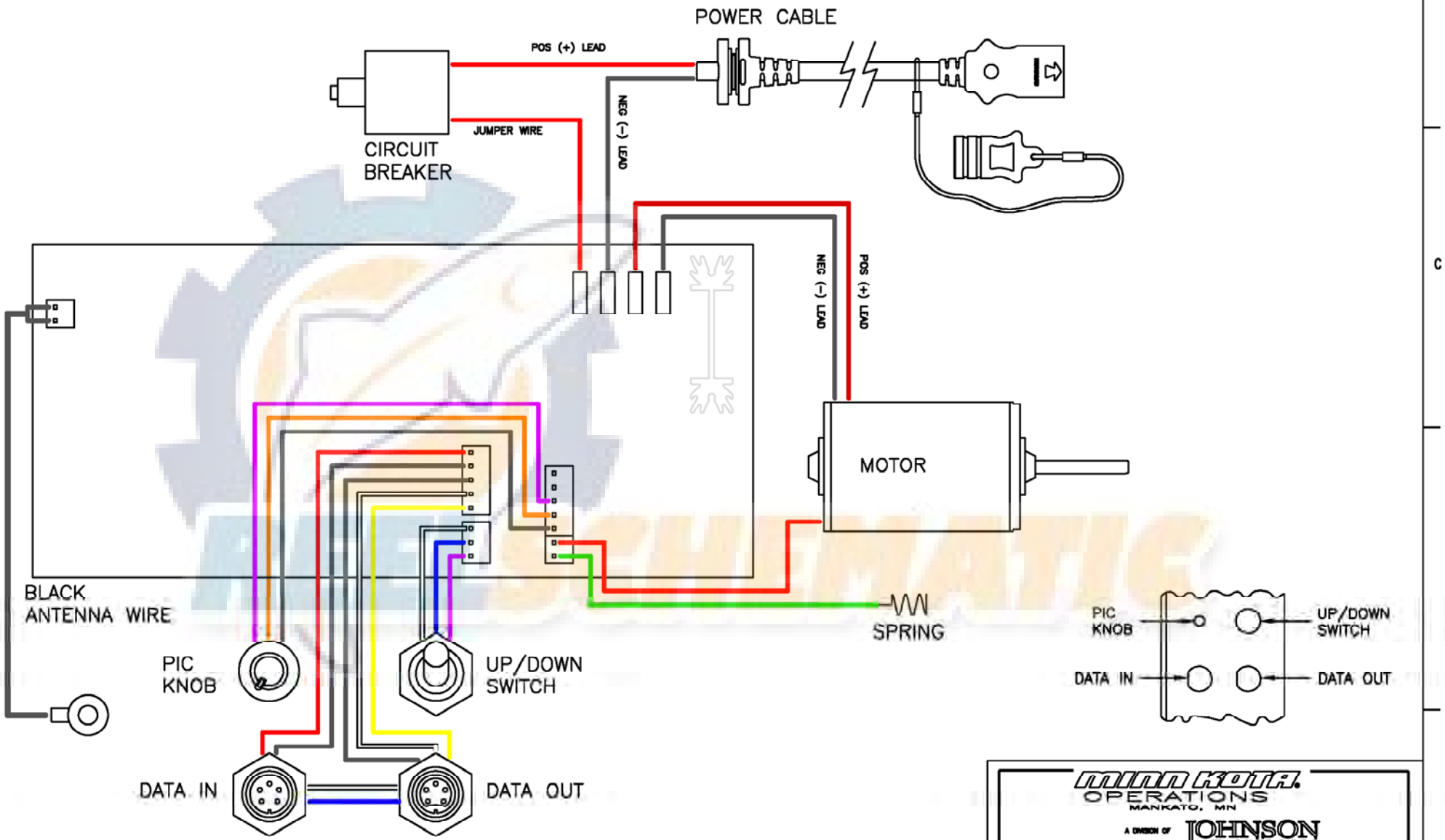
> PART OF ASSEMBLY

►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



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.: A
SCALE: NONE
SHEET 1 OF 1
U/M: IN.