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BRODERSON MFG. CORP.
LENEXA, KANSAS 66215

PARTS MANUAL IC-250-3C

OWNER: _____

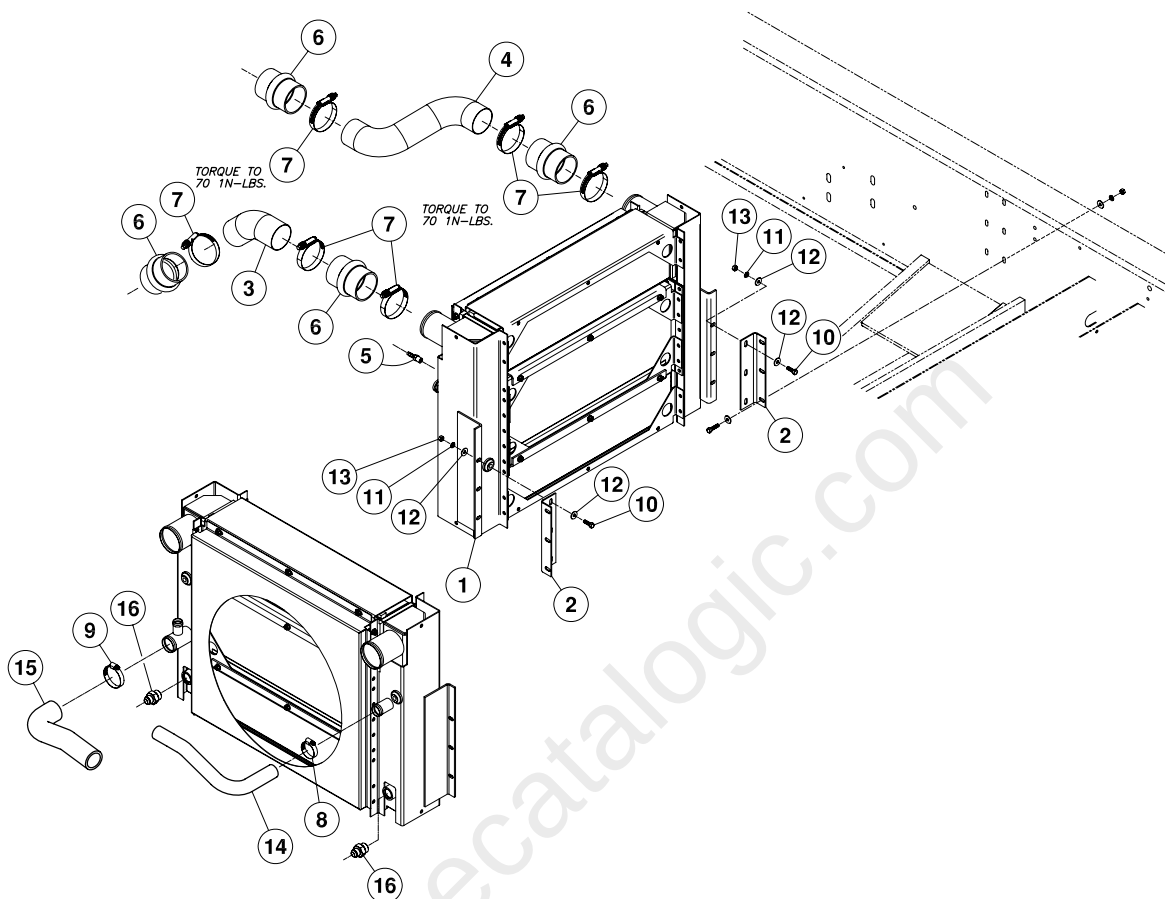
SOLD AND SERVICED BY: _____

MODEL NO. _____ SERIAL NO. _____

CUMMINS ENGINE INSTALLATION QSB3.3, 4 X 2

ITEM	QTY	PART NO.	DESCRIPTION
0	REF	E-600-01752	ENGINE INSTALLATION DIESEL 4X2
1	1	D-600-10277	ENGINE & TRANSMISSION SUB ASSY.
2	1	C-600-94566	EXHAUST SYSTEM SUB ASSY.
3	1	C-600-19316	RADIATOR SUB ASSY. CUMMINS QSB3.3
4	1	C-600-12226	AIR INTAKE SUB ASSY. CUMMINS QSB3.3
5			
6	2	B-771-01175	ENGINE MOUNT FRAME FRONT
7	2	B-771-00476	FRAME MOUNT REAR
8	4	0-600-21035	MOUNT - LORD #CBA-24-650
9	1	B-333-10132	PUMP DRIVE SHAFT ASSY. 16 3/4"
10	1	0-209-00296	COOLANT OVERFLOW TANK
11	2	B-783-03299	SUPPORT BAR - SURGE TANK CUMMINS
12	1	0-400-06086	BATTERY GR 31
13	1	A-400-06150	CABLE, BLK 100"
14	1	A-400-06151	CABLE, RED 100"
15	1	A-783-02499	HOLDDOWN - BATTERY
16	4	0-201-00088	HOSE CLAMP #1
17	3	0-201-00051	HOSE CLAMP #24
18	1	0-201-00087	HOSE CLAMP #48
19	1	0-600-40478	THROTTLE PEDAL ELECTRONIC
20	2	0-201-00153	CONSTANT TORQUE CLAMP
21	1	0-201-00013	HOSE CLAMP #36
22	1	0-201-00084	CLAMP 3"
23	6	0-220-00001	BOLT, HEX HD. 1/4-20NC X 1" LG.
24	4	0-220-01005	BOLT, HEX HD. 5/16-18NC X 1" LG.
25	6	0-220-01003	BOLT, HEX HD. 5/16-18NC X 1 1/4" LG.
26	2	0-220-01008	BOLT, HEX HD. 5/16-18NC X 3" LG.
27	4	0-220-12005	BOLT, HEX HD. 3/8-24NF X 1" LG.
28	6	0-220-02004	BOLT, HEX HD. 3/8-16NC X 1" LG.
29	2	0-220-02007	BOLT, HEX HD. 3/8-16NC X 1 3/4" LG.
30	8	0-220-04007	BOLT, HEX HD. 1/2-13NC X 1 3/4" LG.
31	4	0-220-06008	BOLT, HEX HD. 5/8-11NC X 3 1/2" LG.
32	8	0-222-10001	LOCKWASHER 1/4" DIA.
33	16	0-222-11001	LOCKWASHER 5/16" DIA.
34	12	0-222-12001	LOCKWASHER 3/8" DIA.
35	8	0-222-14001	LOCKWASHER 1/2" DIA.
36	6	0-222-00003	FLATWASHER 1/4" DIA.
37	17	0-222-01001	FLATWASHER 5/16" DIA.
38	10	0-222-02001	FLATWASHER 3/8" DIA.
39	16	0-222-04001	FLATWASHER 1/2" DIA.
40	4	0-222-06001	FLATWASHER 5/8" DIA.
41	8	1-600-21036	WASHER SPECIAL
42	6	0-221-00001	NUT, HEX 1/4-20NC
43	8	0-221-01001	NUT, HEX 5/16-18NC
44	6	0-221-02001	NUT, HEX 3/8-16NC
45	8	0-221-04001	NUT, HEX 1/2-13NC
46	4	0-221-96001	NUT, LOCK 5/8-11NC
47			
48	2	A-570-90069	FITTING, RESTRICTOR VENT
49	10'	0-503-48007	HOSE 5/16"

RADIATOR SUB ASSEMBLY CUMMINS QSB3.3, 4 X 2 & 4 X 4

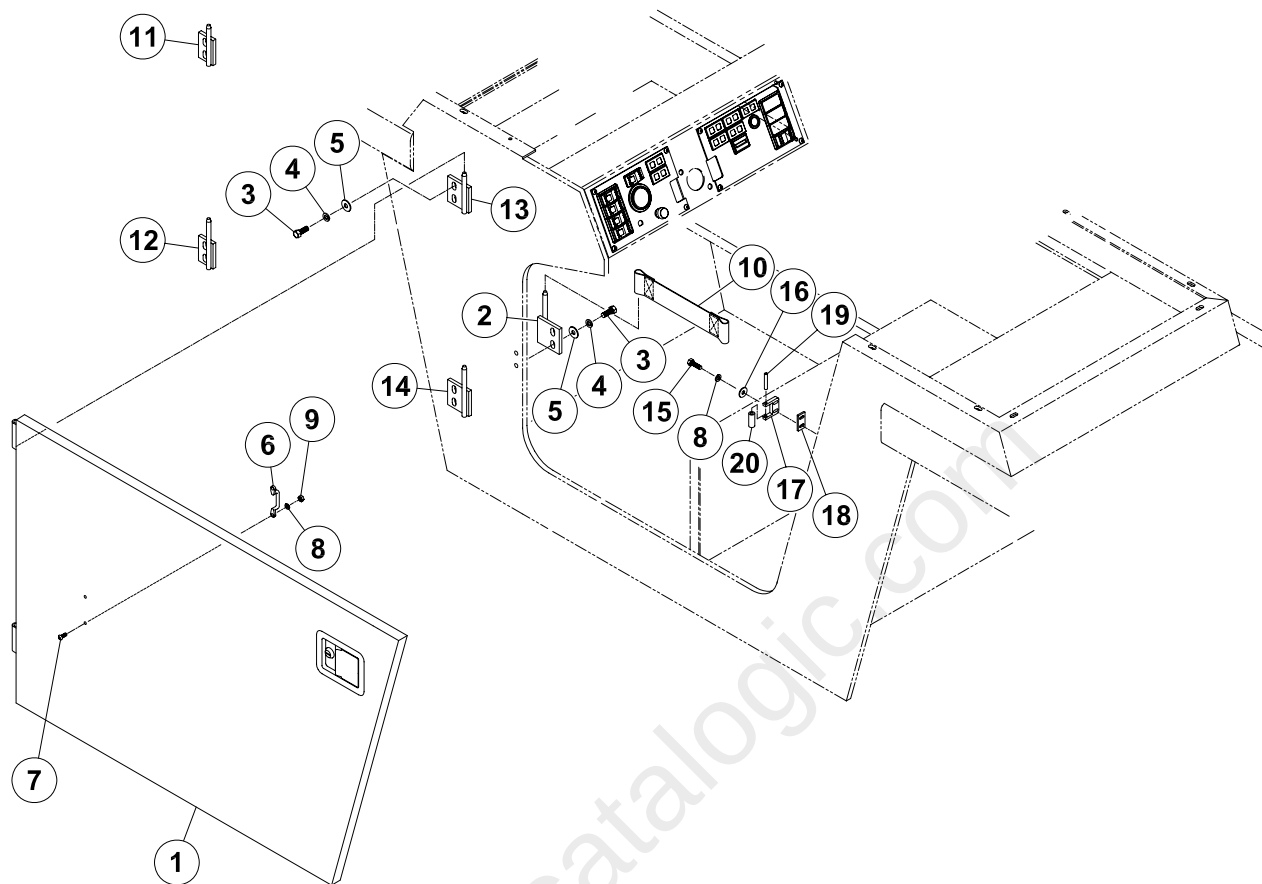


ITEM	QTY	PART NO.	DESCRIPTION
0	REF	C-600-19316	RADIATOR SUB ASSY. CUMMINS QSB3.3
1	1	C-600-19291	RADIATOR W/CA W/OC
2	2	B-770-01195	RADIATOR MOUNT
3	1	B-600-94532	TUBE, CAC TURBO
4	1	B-600-94533	TUBE, CAC INTAKE
5	1	0-570-90049	MALE HOSE BARB 1/4 NPT TO 3/8 HOSE
6	4	0-600-12210	HUMP HOSE 3"
7	6	0-201-00153	CONSTANT TORQUE CLAMP
8	1	0-201-00051	CLAMP #24
9	1	0-201-00013	CLAMP #36
10	6	0-220-01005	BOLT, HEX HD. 5/16-18NC X 1" LG.
11	6	0-222-11001	LOCKWASHER 5/16" DIA.
12	12	0-222-01001	FLATWASHER 5/16" DIA.
13	6	0-221-01001	HEX. NUT 5/16-18NC
14	1	0-600-99147	RADIATOR HOSE 1 1/4"
15	1	0-600-99148	RADIATOR HOSE 1 3/4"
16	2	0-513-10288	CONNECTOR

HYDRAULIC PARTS INSTALLATION

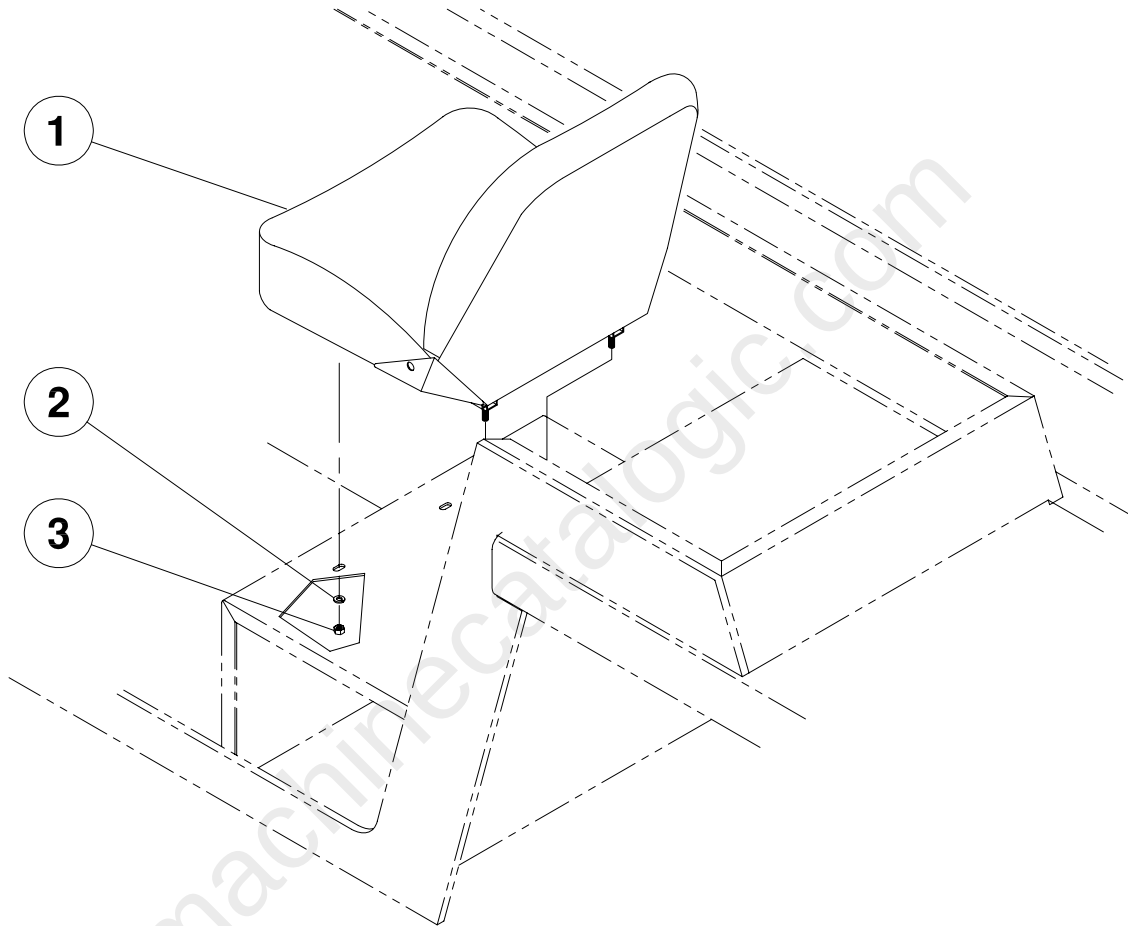
ITEM	QTY	PART NO.	DESCRIPTION
50	4	0-518-30002	ELBOW BULKHEAD UNION
51	1	A-502-35013	HOSE ASSY. 5/8" DIA. X 28" LG.
52	1	A-502-30138	1/2" HOSE ASSEMBLY X 56" LONG
53	4	0-511-41001	NUT
54	REF.	A-502-40416	HOSE ASSY. 3/4" DIA. X 97" LG.
55	REF.	A-502-40417	HOSE ASSY. 3/4" DIA. X 90" LG.
56	REF.	A-502-20001	HOSE ASSY. 3/8" X 42 3/8" LG.
57	REF.	A-502-30163	HOSE ASSY. 1/2 DIA. X 94" LG.
58	1	0-511-71001	LOCK NUT
59	REF.	A-502-20430	HOSE ASSY. 3/8" X 70" LG.
60	REF.	A-502-70014	2" ID SUCTION HOSE 78" LG.
61	1	A-263-00016	PUMP MOUNT RUBBER PAD
62	2	0-222-50030	WASHER SPECIAL RUBBER
63	1	A-502-40457	HOSE ASSY. 3/4 X 78" LG.
64	1	A-502-50085	HOSE ASSY, 1" DIA. X 73" LG.
65	1	0-518-60002	BULKHEAD UNION EL 90 DEG
66	2	0-222-04001	FLATWASHER 1/2 DIA.
67	23	0-220-00003	FLATWASHER 1/4 DIA.
68	1	0-518-80001	BULKHEAD UNION EL 90 DEG
69	REF.	A-502-10460	HOSE ASSY. 1/4" DIA. X 92" LG.
70	1	1-502-10454	HOSE ASSY 1/4" DIA. X 79" LG.
71			
72	1	0-201-00113	CLAMP HOSE
73	1	0-511-91001	LOCK NUT
74	2	B-789-02152	BRACKET, SUPPORT BULKHEAD UNION SUB ASSY.
75	REF.	A-519-90035	MANIFOLD, FILTER INLET
76	REF.	A-502-20445	HOSE ASSY. 3/8 DIA. X 130" LG.
77	REF.	A-502-20446	HOSE ASSY. 3/8 DIA. X 140" LG.
78	4	A-502-30178	HOSE ASSY. 1/2 DIA. X 38" LG.
79	4	A-502-20448	HOSE ASSY. 3/8 DIA. X 20" LG.
80	2	A-502-20439	HOSE ASSY. 3/8 DIA. X 32" LG.
81	4	A-502-20447	HOSE ASSY. 3/8 DIA. X 60" LG.
82	6	A-502-20361	HOSE ASSY. 3/8 DIA. X 85" LG.
83			
84			
85			
86	6	A-783-02758	SUPPORT BAR HOSE
87	4	A-783-02759	SUPPORT BAR HOSE
88	8	0-220-00008	HEX. HD. BOLT 1/4-20 NC X 1 1/2 LG.
89	REF.	A-502-30002	HOSE ASSY 1/2" DIA. X 22" LONG
90	1	A-502-10445	1/4" HOSE ASSEMBLY X 48" LONG
91	4	A-551-10110	SOLENOID VALVE SUB ASSY.
92	4	0-222-12001	LOCKWASHER 3/8 DIA.
93	4	0-220-02004	HEX. HD. BOLT 3/8-16 NC X 1" LG.
94	4	0-220-00012	HEX. HD. BOLT 1/4-20 NC X 3" LG.
95			
96	REF.	0-552-00058	HOLDING VALVE, RETRACT BYPASS
97	REF.	0-600-40403	HYD. BOOSTER MASTER CYL.
98	REF.	B-551-10111	VALVE STEERING PRIORITY SUB ASSY.
99	REF.	0-559-00084	STEERING CNTL, 17.9CI DYN, 1800PSI
100	1qt	0-209-00485	OIL ADDITIVE, HYDRAULIC - CAT OIL

OPERATOR GUARD DOOR INSTALLATION



ITEM	QTY	PART NO.	DESCRIPTION
0	REF	C-600-93185	OPERATOR GUARD DOOR INST.
1	1	C-600-93128	OPERATOR GUARD DOOR
2	1	A-209-00351	DOOR STOP
3	6	0-220-02003	BOLT, HEX HD. 3/8-16NC X 3/4" LG.
4	6	0-222-12001	LOCKWASHER 3/8" DIA.
5	6	0-222-02001	FLATWASHER 3/8" DIA.
6	1	0-200-00353	FOOTMANS LOOP - AUSTIN #6411 - G
7	2	0-220-30011	BOLT, BUTT. HD. SOC. 1/4-20NC X 5/8" LG.
8	4	0-222-10001	LOCKWASHER 1/4" DIA.
9	2	0-221-00001	NUT, HEX 1/4-20NC
10	1	A-209-00350	DOOR STRAP
11	1	9-299-00351	HINGE ASSY. - UPPER
12	1	9-299-00352	HINGE ASSY. - LOWER
13	-	9-299-00325	HINGE ASSY. - UPPER
14	-	9-299-00326	HINGE ASSY. - LOWER
15	2	0-220-00002	BOLT, HEX HD. 1/4-20NC X 3/4" LG.
16	2	0-222-00003	FLATWASHER 1/4" DIA.
17	1	A-600-93180	BRACKET, DOOR LATCH
18	1	0-299-00174	SPACER, DOOR LATCH
19	1	0-224-16005	ROLL PIN 1/4" DIA, X 1 3/4" LG.
20	1	A-600-93146	PLASTIC ROLLER

SUSPENSION SEAT OPTION



ITEM	QTY	PART NO.	DESCRIPTION
0	REF.	B-600-00880	SUSPENSION SEAT OPTION
1	1	0-600-93076	SEAT ASSEMBLY - GRAMMER
2	REF.	0-222-11001	LOCK WASHER, 5/16 DIA.
3	REF.	0-221-01001	HEX NUT, 5/16-18 NC

Full Version Available

Broderson IC-250-3C Pick and Carry Crane Parts Manual

Broderson IC-250-3C pick and carry crane parts manual, parts lists, exploded views and assemblies in PDF. Instant PDF download.

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