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BRODERSON MFG. CORP.
LENEXA, KANSAS 66215

PARTS MANUAL

IC-200-1C & 2C

P/N 990-30075

REVISED 1/11/00

OWNER:

SOLD AND SERVICED BY:

MODEL NO. _____

SERIAL NO. _____

GM-V6 ENGINE INST. 4.3L, 4 X 4 (W/ZENITH CARBURETOR)

ITEM	QTY	PART NO.	DESCRIPTION
0	REF.	E-600-1260	GM-V6 ENGINE INST. 4.3L, 4 X 4 (W/ZENITH CARB.)
1	1	A-600-10210	GAS ENGINE - GM V6 4.3
2	1	A-600-10207	PS740 TRANSMISSION 4 SP.
3	1	0-041-00159	FILTER TRANSMISSION
4	2	B-771-00476	FRAME MOUNT - REAR
5	2	2-770-00763	RADIATOR MOUNT
6	2	C-771-00480	ENGINE MOUNT - FRONT GM V6
7	2	0-600-21035	MOUNT - LORD
8	1	3-600-31057	RADIATOR SHROUD
9	1	B-600-19220	PTO ADAPTOR - GM V6
10	1	0-041-00007	TORQUE CONVERTER
11	1	9-060-00040	FAN CUMMINS
12	1	B-600-19222	FAN SPACER - GMV6
13	1	0-600-12017	AIR CLEANER
14	REF.	0-600-12025	AIR CLEANER ELEMENT
15	1	0-600-12018	BREATHER CAP
16	2	0-600-12019	MOUNTING BAND
17	1	A-600-94116	AIR INLET TUBE
18	1	0-600-94416	Y CONNECTOR - GM V6
19	2	0-600-21078	MOUNT GM V6
20	2	0-201-00088	HOSE CLAMP
21	1	0-400-06020	BATTERY GR 27
22	1	A-783-02499	HOLDDOWN - BATTERY
23	1	1-400-06123	CABLE BATTERY 70" LG.
24	1	0-400-06002	GROUND STRAP
25	1	0-400-06041	GROUND STRAP
26	1	0-600-40031	CABLE
27	1	A-600-94413	EXHAUST PIPE - W/GASKET L.H.
28	1	0-600-10161	DRIVE PLATE KIT
29	1	0-770-00090	CABLE BRACKET
30	0.5'	0-875-90004	HOSE RUBBER 2 1/4" ID.
31	1	0-600-94136	FLEX. EXH. CONN. 2 1/2" DIA.
32	3	0-220-32008	BOLT, SOC. HD. 3/8-24NF X 1 1/4" LG.
33	1	3-333-10099	PUMP DRIVE SHAFT ASSY. GM V6
34	1	C-600-19221	RADIATOR - LARGE
35	1	C-771-00479	TRANSMISSION MOUNT - GM V6
36	1	0-209-00296	COOLANT OVERFLOW TANK
37	1	0-600-99111	RADIATOR HOSE
38	REF.	9-110-00021	RADIATOR CAP 7 LB.
39	REF.	9-110-00019	DRAIN COCK
40	1	0-600-99109	RADIATOR HOSE

ENGINE & TRANSMISSION INSTALLATION (CUMMINS 4BT3.9) 4X2

ITEM	QTY	PART NO.	DESCRIPTION
44	1	0-041-00012	TRANSMISSION PRESSURE SWITCH
45	1	A-600-94410	AIR INLET TUBE 3" DIA. X 14GA. X 12" LG.
46	1	0-600-12124	STRAIGHT HUMP 3"
47	1	0-400-04944	STARTER SOLENOID
48	1	A-600-94403	AIR INLET TUBE 3" DIA. X 14GA. X 8" LG.
49	1	A-600-94411	AIR INLET TUBE 3" DIA. X 14GA. X 21" LG.
50	5.0'	0-503-48007	HOSE 5/16 ID
51	6	0-220-01003	BOLT, HEX HD. 5/16 - 18NC X 1 1/4" LG.
52	5	0-201-00051	HOSE CLAMP #24
53	3	0-201-00013	HOSE CLAMP #36
54	1	0-600-40194	TEMPERATURE SENDER
55	4.0'	0-503-12004	HOSE
56	1	0-201-00121	HOSE CLAMP - AEROQUIP 2"
57	1	0-600-94406	MUFFLER
58	3	0-201-00116	MUFFLER HANGER
59	1	0-600-94409	TAILPIPE - CUMMINS
60	2	0-220-00002	BOLT, HEX HD. 1/4 - 20NC X 1/2" LG.
61	1	1-031-30053	TUBE 1 1/2 OD X 14GA. X 3" LG.
62	1	1-600-10110	COVER PLATE
63	4	0-220-12005	BOLT, HEX HD. 3/8 - 24NF X 1" LG.
64	10	0-201-00084	MUFFLER CLAMP 3"
65	1	A-209-00345	HOOD CLOSURE
66	1	1-652-00012	PLACARD - DIESEL
67	16	0-220-01005	BOLT, HEX HD. 5/16 - 18NC X 1" LG.
68	1	A-651-00098	PLACARD - WARNING PROP. 65 CAL.
69	2	0-110-00363	INSULATOR MOUNT
70	2	0-223-01101	SCREW, RD. HD. #10 - 32NF X 3/4" LG.
71	2	0-221-06001	NUT, HEX 5/8 - 11NC
72	2	0-201-00016	HOSE CLAMP #10
73	2	0-220-01008	BOLT, HEX HD. 5/16 - 18NC X 3" LG.
74	5	0-220-02002	BOLT, HEX HD. 3/8 - 16NC X 1 1/4" LG.
75	15	0-220-52000	BOLT, HEX HD. M12 X 1.75 X 40MM LG.
76	1	A-770-01037	THROTTLE BRACKET
77	6	0-220-04007	BOLT, HEX HD. 1/2 - 13NC X 1 3/4" LG.
78	2	0-220-06008	BOLT, HEX HD. 5/8 - 11NC X 3 1/2" LG.
79	2	0-220-06007	BOLT, HEX HD. 5/8 - 11NC X 3" LG.
80	5	0-222-02001	FLATWASHER 3/8" DIA.
81	20	0-222-01001	FLATWASHER 5/16" DIA.
82	2	0-222-16001	LOCKWASHER 5/8" DIA.
83	10	0-222-04001	FLATWASHER 1/2" DIA.
84	4	1-600-21036	FLATWASHER SPECIAL
85	2	0-222-06001	FLATWASHER 5/8" DIA.
86	6	0-222-10001	LOCKWASHER 1/4" DIA.
87	28	0-222-11001	LOCKWASHER 5/16" DIA.

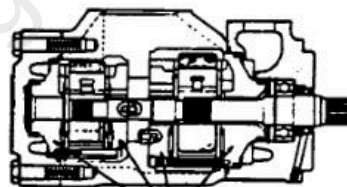
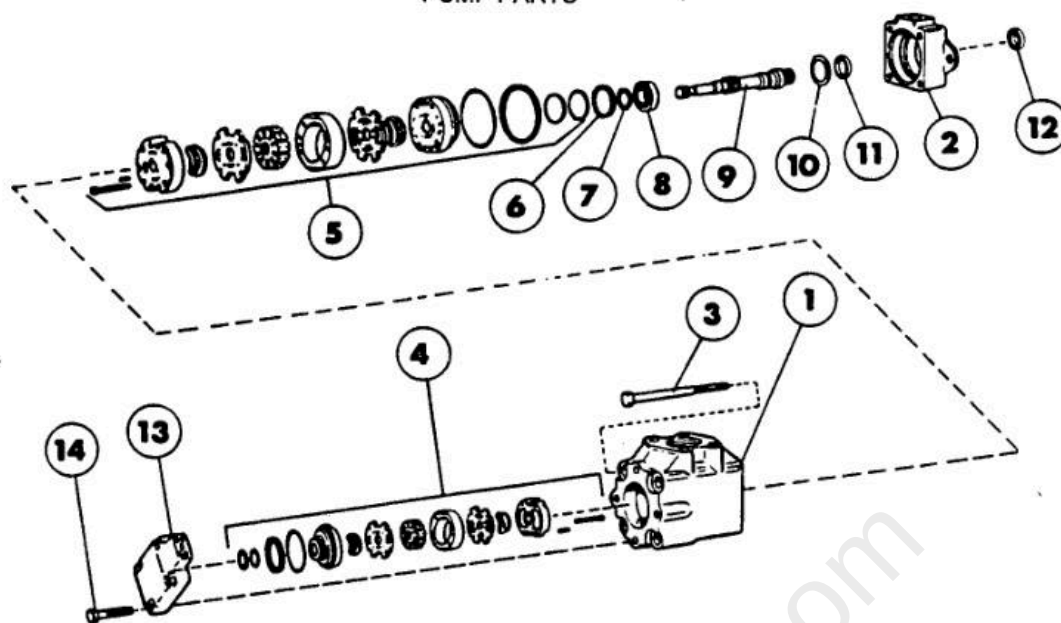
STEERING SYSTEM INSTALLATION 4X2 & 4X4

ITEM	QTY	PART NO.	DESCRIPTION
0	REF	E-600-70154	STEERING SYSTEM INSTALLATION
1	1	A-502-20431	HOSE ASSY. 3/8" DIA. X 48" LG.
2	1	0-559-00064	STEERING COLUMN
3	1	0-559-00033	STEERING CONTROL
4	1	0-551-10024	STEERING PRIORITY VALVE
5	1	0-551-10064	SOLENOID VALVE
6	1	0-552-00006	HOLDING VALVE
7	2	0-514-54001	ELBOW #6C50X-S
8	2	0-220-00006	BOLT, HEX HD. 1/4 - 20NC X 1 3/4" LG.
9	2	0-600-66305	SPACER
10	1	A-222-09021	COVER WASHER
11	1	A-650-00323	PLACARD - 2W/STEER, 4W/STEER
12	4	0-220-03005	BOLT, HEX HD. 7/16 - 14NC X 2 1/4" LG.
13	1	1-502-10454	HOSE ASSY. 1/4" DIA. X 79" LG.
14	4	C-549-00060	STEERING CYLINDER END
15	1	A-600-40390	STEERING WHEEL CAP
16	1	0-600-40391	STEERING WHEEL
17	1	A-502-20428	HOSE ASSY. 3/8" DIA. X 140" LG.
18	10	0-220-12001	LOCKWASHER 3/8" DIA.
19	2	1-502-20327	HOSE ASSY. 3/8" DIA. X 26" LG.
20	2	0-514-04002	ELBOW #6CTX-S
21	2	1-502-20360	HOSE ASSY. 3/8" DIA. X 12 1/2" LG.
22	4	1-502-20380	HOSE ASSY. 3/8" DIA. X 35" LG.
23	1	A-502-20429	HOSE ASSY. 3/8" DIA. X 102" LG.
24	1	1-502-10455	HOSE ASSY. 1/4" DIA. X 38" LG.
25	1	1-502-20379	HOSE ASSY. 3/8" DIA. X 80" LG.
26	1	A-502-20430	HOSE ASSY. 3/8" DIA. X 70" LG.
27	8	A-870-20136	PIN - STEERING CYLINDER
28	2	0-221-01001	NUT, HEX 5/16 - 18NC
29	2	0-220-01022	BOLT, HEX HD. 5/16 - 18NC X 4" LG.
30	9	0-514-55001	ELBOW #8C50X-S
31	4	0-516-85001	TEE SN #8R6X-S
32	1	0-514-57001	ELBOW #12C50X-S
33	8	1-224-23003	ROD END
34	3	0-515-04008	ELBOW #8 - V50X-S
35	2	0-514-57010	ELBOW
36	2	0-514-64001	ELBOW SN #6C6X-S
37	1	0-513-40013	CONNECTOR
38	6	0-220-51005	BOLT, HEX HD. M10 X 1.5 X 25MM LG.
39	4	0-222-00003	FLATWASHER 1/4" DIA.

BOOM EXTENSION INSTALLATION (OFFSET TYPE) (BE-29)

ITEM	QTY	PART NO.	DESCRIPTION
0	REF	5-730-51220	BOOM EXTENSION INST. OFFSET (15')
1	1	5-730-51201	BOOM EXTENSION WELDMENT 15'
2	1	3-730-51195	SUPPORT BOX WELDMENT
3	REF	1-870-00081	PIN & CHAIN WELDMENT
4	2	1-870-30063	PIN
5	1	1-870-40064	PIN - INDEX
6	1	1-870-40065	PIN - PIVOT
7	1	1-770-00947	SUPPORT BRACKET
8	1	3-770-00946	RAMP BOOM EXTENSION
9	2	1-783-02327	SUPPORT BAR
10	1	1-809-00189	SUPPORT BAR
11	1	1-783-01776	SUPPORT BAR
12	1	1-809-00218	TRIP BAR
13	1	1-783-01603	SUPPORT BAR
14	1	3-809-00269	TRIP ARM WELDMENT
15	1	0-400-06030	LIMIT SWITCH
16	1	0-400-06031	LIMIT ARM
17	1	0-400-22012	STRAIN RELIEF
18	1	0-202-10016	SPRING
19	1	1-870-10094	PIN - BOOM LOCK
20	2	1-783-02324	SUPPORT BAR
21	4	1-870-20106	PIN - ATTACH
22	1	1-809-00266	TRIP BAR
23	5.5'	0-205-00015	STRAIGHT LINK CHAIN #1/0
24	6	0-224-04002	HAIRPIN - COTTER
25	4	0-224-02006	HAIRPIN - COTTER
26	2	0-221-99002	NUT, LOCK 1 - 8NC
27	4	1-783-02393	SUPPORT BAR
28	4	0-220-00002	BOLT, HEX HD. 1/4 - 20NC X 1/2" LG.
29	1	0-220-00003	BOLT, HEX HD. 1/4 - 20NC X 3/4" LG.
30	1	0-220-01005	BOLT, HEX HD. 5/16 - 18NC X 1" LG.
31	1	0-220-01009	BOLT, HEX HD. 5/16 - 18NC X 2 1/2" LG.
32	2	0-221-91001	NUT, LOCK 5/16 - 18NC
33	5	0-221-90001	NUT, LOCK 1/4 - 20NC
34	1	0-224-16003	ROLL PIN 1/4" DIA. X 2 1/4" LG.
35	8	0-224-19013	ROLL PIN 3/8" DIA. X 4" LG.
36	3	0-223-15203	SCREW, HEX HD. 1/4" X 3/4" LG.
37	1	0-201-00107	CLAMP
38	1	0-271-20003	BUSHING
39	1	0-400-06056	STRAIN RELIEF

PUMP PARTS



SECTIONED 6" FROM CENTERLINE

SEAL KIT 9-935-00090

ITEM	QTY	PART NO.	DESCRIPTION
0	REF	3-520-00015	PUMP - VICKERS
1	1	9-935-00041	HOUSING
2	1	9-935-00069	BODY
3	4	9-935-00024	BOLT
4	1	9-935-00068	CARTRIDGE KIT
5	1	9-935-00067	CARTRIDGE KIT
6	1	9-935-00034	LOCK RING
7	1	9-935-00025	SNAP RING
8	1	9-935-00023	BEARING
9	1	9-935-00015	SHAFT
10	1	9-935-00033	WASHER
11	1	9-935-00066	SHAFT SEAL
12	1	9-935-00065	SHAFT SEAL
13	1	9-935-00091	COVER PLATE
14	4	9-935-00092	BOLT
15	1	9-935-00090	SEAL KIT

Full Version Available

Broderson IC-200-2C Pick and Carry Crane Parts Manual

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