

TIRE SERVICE EQUIPMENT

MFG. CO. INC.

PHOENIX, AZ - MONTICELLO, MN 1-800-223-4540

TC-300
WHEEL CRUSHER

PN 6174

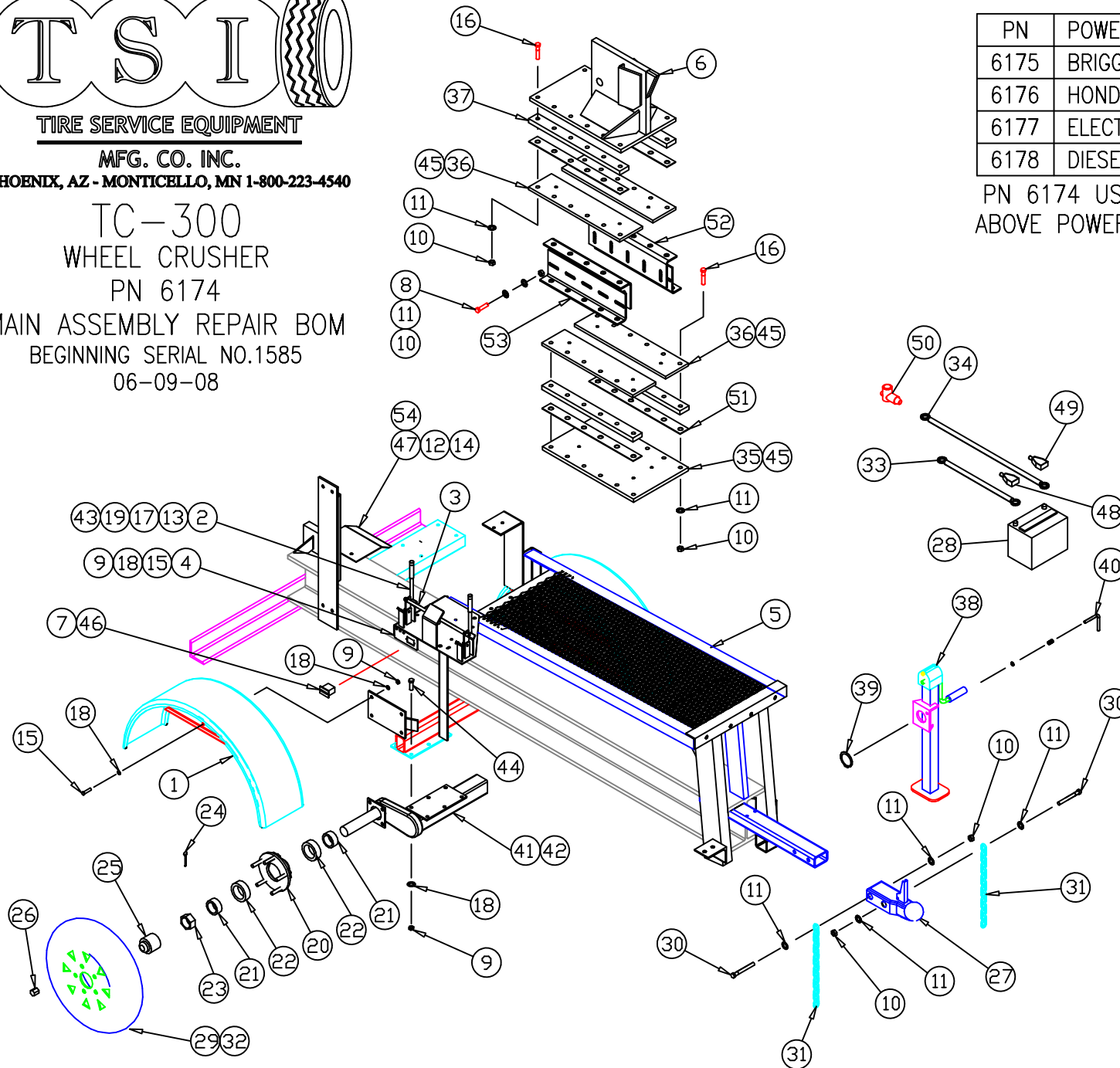
MAIN ASSEMBLY REPAIR BOM

BEGINNING SERIAL NO.1585

06-09-08

PN	POWER PLANT
6175	BRIGGS
6176	HONDA
6177	ELECTRIC
6178	DIESEL

PN 6174 USED WITH
ABOVE POWER PLANTS





TC-300 WHEEL CRUSHER

MAIN ASSEMBLY REPAIR BOM

PN: 6174
BEGINNING SERIAL NO.1585
6/16/2008

PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
1	5519	FENDER WELDMENT RH & LH	2
2	5534	HANDLE WELD	2
3	5535-01	PIVOT WELD	1
4	5578	VALVE MOUNT WELD	1
5	5600	MAIN FRAME WELD ASSEMBLY	1
6	5602	VERTICAL PUSHER ASSEMBLY	1
7	365.028	MACH SCREW 10-32 X 3/8	2
8	206	HHCS 1/2-13 X 1-1/2 GRD 8	10
9	212	NUT 3/8-16 HEX NYLOK	22
10	223	NUT 1/2-13 SELF LOCK	36
11	224	WASHER 1/2 FLAT	48
12	226	NUT 1/4-20 SELF LOCK	2
13	230	GRIP, PLASTIC 1/2 X 3-1/2	2
14	445	WASHER 1/4 FLAT WROUGHT	2
15	447	HHCS 3/8-16 X 1-1/4	10
16	485	HHCS 1/2-13 X 2-3/4	24
17	566	NUT 5/16 HEX NYLOK	2
18	700	WASHER 3/8 FLAT	44
19	1318	WASHER 5/16 FLAT	4
20	3025-1	HUB, WHEEL	2
21	3025-2	SEAL, BEARING	4
22	3025-3	BEARING, TAPERED	4
23	3025-4	NUT, SPINDLE	2
24	3025-5	COTTER PIN	2
25	3025-6	WHEEL HUB	2
26	3025-7	WHEEL LUG	10
27	3027	TRAILER COUPLER 3500#	2
28	3033	BATTERY 12 VOLT	1
29	3034	WHEEL 13" 5-HOLE	2
30	3080	HHCS 1/2-13 X 4-1/2	2

PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
31	3081	SAFETY CHAIN W/HOOK	2
32	3084	TIRE, 185 X 13 2 PLY	2
33	3162	BATTERY CABLE 16" (POS)	1
34	3163	BATTERY CABLE 26" (NEG)	1
35	3323	SLIDE PLATE	1
36	3324	LOWER SLIDE	4
37	3325	SPACER SLIDE	4
38	3330	JACK 10" LIFT 2000#	1
39	3330-1	SNAP RING	1
40	3330-2	PIN AND SPRING	1
41	3397	SPINDLE AXLE - RH	1
42	3398	SPINDLE AXLE - LH	1
43	3478	HHCS 5/16 X 1-1/4	2
44	3500	HHCS 3/8-16 X 1-1/2	12
45	3501	FITTING 1/8 NPT STRAIGHT GREASE ZERK	12
46	4426	HOUR METER	1
47	10197B	BATTERY COVER	1
48	10407	BATTERY POST GUARD, RED-POS	1
49	10408	BATTERY POST GUARD, BLACK-NEG	1
50	10664	RING BOOT, STARTER END	1
51	10934	SLIDE SPACER	4
52	11578	PLATE, SLIDER ADJUSTMENT TOP	2
53	11579	PLATE, SLIDER ADJUSTMENT BOTTOM	2
54	3155	RUBBER STRAP 10"	1
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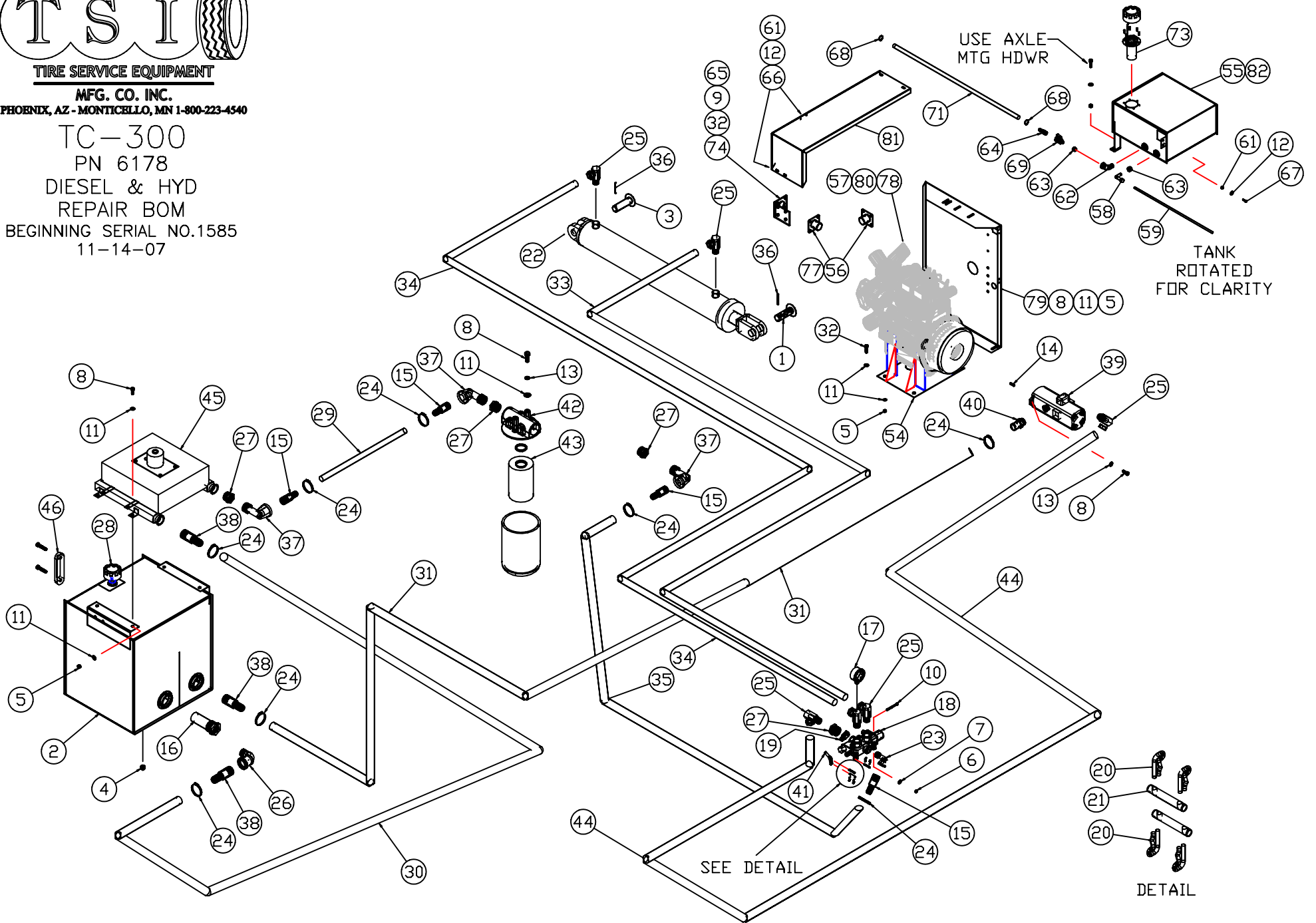
TC-300

PN 6178

DIESEL & HYD
REPAIR BOM

BEGINNING SERIAL NO.1585

11-14-07



USE AXLE
MTG HDWR

TANK
ROTATED
FOR CLARITY

SEE DETAIL

DETAIL



TC-300 WHEEL CRUSHER

DIESEL ENG & HYD REPAIR BOM

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PN: 6178

BEGINNING SERIAL NO.1585

11/14/2007

PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
1	5656	CYLINDER PIN - FRONT	1
2	5920	OIL RES. WELDMNT ASSY 30 GAL	1
3	5930	CYLINDER PIN WELDMNT REAR	1
4	126	PIPE PLUG 3/4 SQUARE	1
5	212	NUT 3/8-16 HEX NYLOK	12
6	226	NUT 1/4-20 SELF LOCK	3
7	445	WASHER 1/4 FLAT WROUGHT	10
8	447	HHCS 3/8-16 X 1-1/4	14
9	523	NUT 5/16-18 HEX PLATED	4
10	639	HHCS 1/4-20 X 2-1/2	3
11	700	WASHER 3/8 FLAT	18
12	1318	WASHER 5/16 FLAT	8
13	1354	WASHER 3/8 SPLIT LOCK	8
14	1492	KEY, SQUARE 1/4 SQ X 1	1
15	1503	FITTING, BARBED 1 NPT M X 1" ID HOSE	4
16	3009	SUCTION STRAINER 2"NPT M X 1-1/4 NPT	1
17	3019	HYDRAULIC GUAGE	1
18	3020-1	HYDRAULIC VALVE	1
19	3020-2	VALVE, HANDLE LINK	1
20	3020-3	COTTER PIN	3
21	3020-4	PIN CLEVIS	3
22	3022	CYLINDER, HYD, 5 X 30 2500 PSI	1
23	3086	STREET ELBOW 3/4 NPT X 90	1
24	3088	HOSE CLAMP, SIZE 24	8
25	3131	SWIVEL 3/4"NPT m X 3/4"NPT F X 90	6
26	3133	STREET ELBOW 1 NPT X 90	1
27	3138	REDUCER BUSHING 1-1/4 NPT X 1 NPT	3
28	3147	BREATHER CAP 1" DIA	1
29	3148	HOSE, SUCTION 1-1/4 X 18" LG	1
30	3148	HOSE, SUCTION 1-1/4 X 33" LG	1

PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
31	3148	HOSE, SUCTION 1-1/4 X 40" LG	1
32	3406	HHCS 5/16-18 X 1-3/4	4
33	3462	HOSE, HYDRAULIC 3/4"ID COUPLED X 36"	1
34	3462	HOSE, HYDRAULIC 3/4"ID COUPLED X 40"	1
35	3464	HOSE, HYDRAULIC 1"ID X 17"	1
36	3470	SPRING PIN 3/16 X 2"	2
37	3492	STREET ELBOW 3/4"NPT X 45	3
38	3921	BARBED HOSE FITTING 1-1/4 NPT X 1-1/4	3
39	4571	HYDRAULIC PUMP 28 GPM	1
40	4675	FITTING, BELL END 1-5/16-12M X 1-1/4 HOSE	1
41	10128	VALVE, HANDLE MODIFIED	1
42	10130	FILTER UNIT (COMPLETE)	1
43	10130E	FILTER ELEMENT	1
44	10131	HOSE, HYDRAULIC 1"ID X 30"	1
45	10152	HYDRAULIC OIL COOLER	1
46	10171	SIGHT GUAGE W/THERMOMETER	1
47	3020RK	VALVE PACKING KIT (3020 HYD VALVE)	REF
48	3020RK	CYL REPAIR KIT (PRINCE 5 X 30)	REF
49	3485-2.19	HYDRAULIC HOSE COVER (NOT SHOWN)	REF
50			
51			
52	ABOVE ITEMS ARE ON ALL STANDARD UNITS. ADD THE		
53	FOLLOWING PARTS TO BUILD DIESEL UNIT.		
54	5950	MOTOR MOUNT WELD	1
55	5996	FUEL TANK WELD	1
56	6018	EXHUAST TUBE WELD	2
57	5.108	WASHER, 7/16 EXTERNAL STAR TOOTH	4
58	342.096	FITTING, 90 DEGREE PLASTIC	1
59	460.268	HOSE, PLASTIC	1
60	444	HHCS 1/4-20 X 1	2



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TC-300 WHEEL CRUSHER

DIESEL ENG & HYD REPAIR BOM

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PN: 6178

BEGINNING SERIAL NO.1585

11/14/2007

PARTS LIST			
ITEM	PART NO.	DESCRIPTION	QTY
61	566	NUT 5/16-18 HEX NYLOK	7
62	713	STREET ELBOW 3/8 X 90	1
63	772	REDUCER BUSHING 1/4 NPT X 3/8 NPT	2
64	907	BARBED HOSE FITTING 1/4 ID X 1/4 NPT M	1
65	1630	WASHER 5/16 SPRING LOCK	4
66	3405	HHCS 5/16-18 X 1	5
67	3478	HHCS 5/16-18 X 1-1/4	3
68	4373	HOSE CLAMP	2
69	4813	VALVE, SHUT OFF	1
70	4862	SCREW 1/4-14 X 1 SELF TAP, WASH HD	2
71	10282	FUEL LINE 5/16 ID X 32-1/2" LG	1
72	10721	CABLE CLAMP ADHESIVE BACKED, 1/2	1
73	10858	FUEL TANK FILLER	1
74	10919	BRACKET, EXHAUST MOUNT	1
75	10920	U-CLAMP, MUFFLER 1-1/2" DIA	2
76	10921	PIPE, EXHAUST FLEXIBLE 1-1/2"DIA	1
77	10922	GASKET, MUFFLER	3
78	11899	ENGINE, KUBOTA DIESEL V902 20.6 HP	1
79	12014	SIDE PANEL, ENGINE	1
80	12085	HHCS 10mm X 1.25mm X 25mm	4
81	12090	HOOD, ENGINE COVER	1
82	REF	DECAL, DIESEL FUEL ONLY	1
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PARTS LIST			
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