

KOHLER GENERATORS

parts listing for

FASTRESPONSE

all models



Air Intake 101

30 kW Marine

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285983	Cleaner, air	not shown		286058	Gasket	5	35
290447	Flange, air intake	5	34	290452	Bracket, lifting (disc.)	4	14
290448	Elbow, street	5	32				

30 kW (Diesel)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-270970-P	Cleaner, air	3	3				

30, 45, 55 kW (Gasoline engine)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
266378	Gasket, flange (30 kW)	5	36	290091	Heater, air (45 & 55 kW)	4	12
290069	Heater, air (30 kW)	4	13				
290070	Bracket, air cleaner	4	15	290093	Gasket, flange (45 & 55 kW)	5	37
290763	Adapter, carburetor	3	2				
A-291327	Cleaner, air	3	1				

30, 45, 55 kW Natural, LP Vapor

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
272461	Cleaner, air	3	10	A-270970-P	Air cleaner (oil)	3	3
285726	Bracket, air cleaner	4	16	A-269441	Air cleaner (dry)	3	5

70 kW (Chrysler), 85 kW, 100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
248035	Adapter, hose (85 kW only)	5	31	286514	Adapter, air cleaner	3	4
				A-286559	Air cleaner assembly	3	3

Air Intake 101

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-269441	Air cleaner assembly	3	5				

130 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290983	Hose, reducer	5	24	290993	Bracket, air cleaner	4	20
A-290991	Air cleaner assembly	3	6	290994	Elbow, air cleaner	5	23
290992	Sleeve	3	7				

150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290950	Air cleaner assembly	3	11	291365	Bracket, air cleaner (disc.)	4	19
290956	Mount, air cleaner (2)(disc.)	5	33	291366	Hose, air intake	5	26
291364	Adapter	5	25				

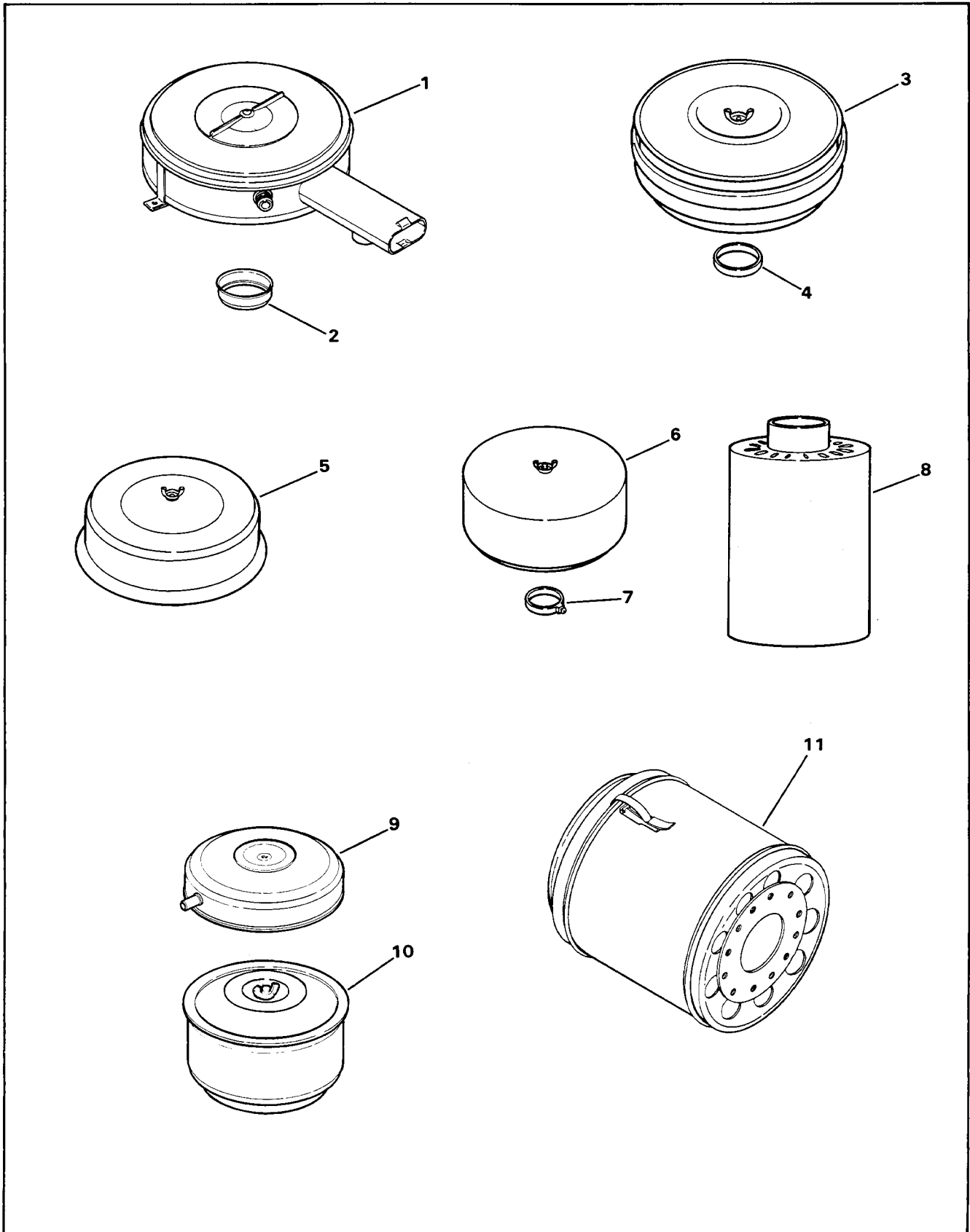
175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290950	Air cleaner assembly	3	11	290956	Mount, air cleaner (2) (disc.)	5	33
290951	Elbow, air cleaner	5	28	290957	Bracket, air cleaner (disc.)	4	17
290954	Hose, hump	5	30	290958	Support, air cleaner (disc.)	4	18

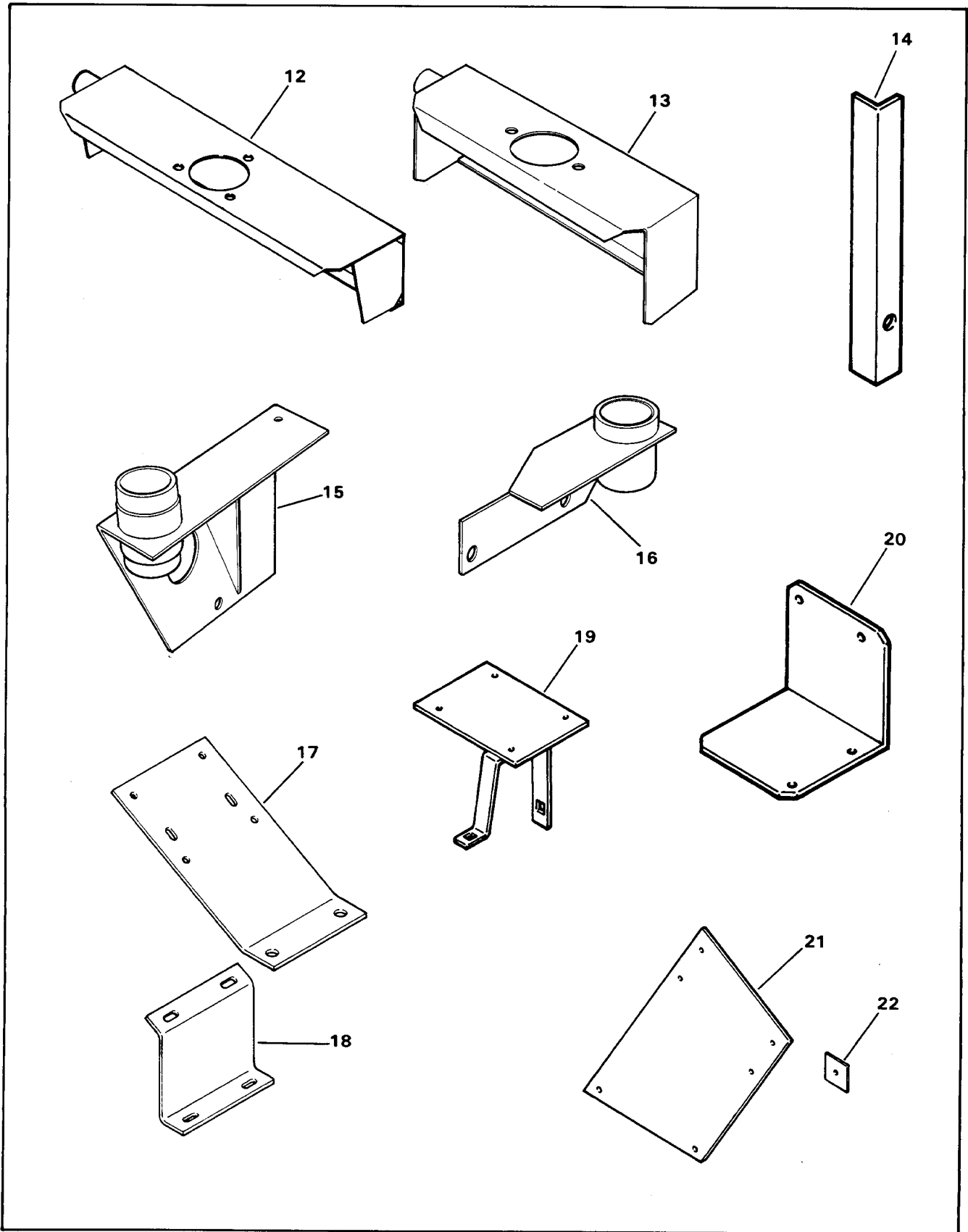
160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291502	Elbow	5	27	A-291512	Air cleaner assembly	3	8
291503	Hose, hump	5	30	291516	Plate, mounting air cleaner (2)	4	22
291504	Hose, clamp (4)	5	29	291501	Bracket, mounting (2)	5	33
291511	Bracket, air cleaner	4	21				

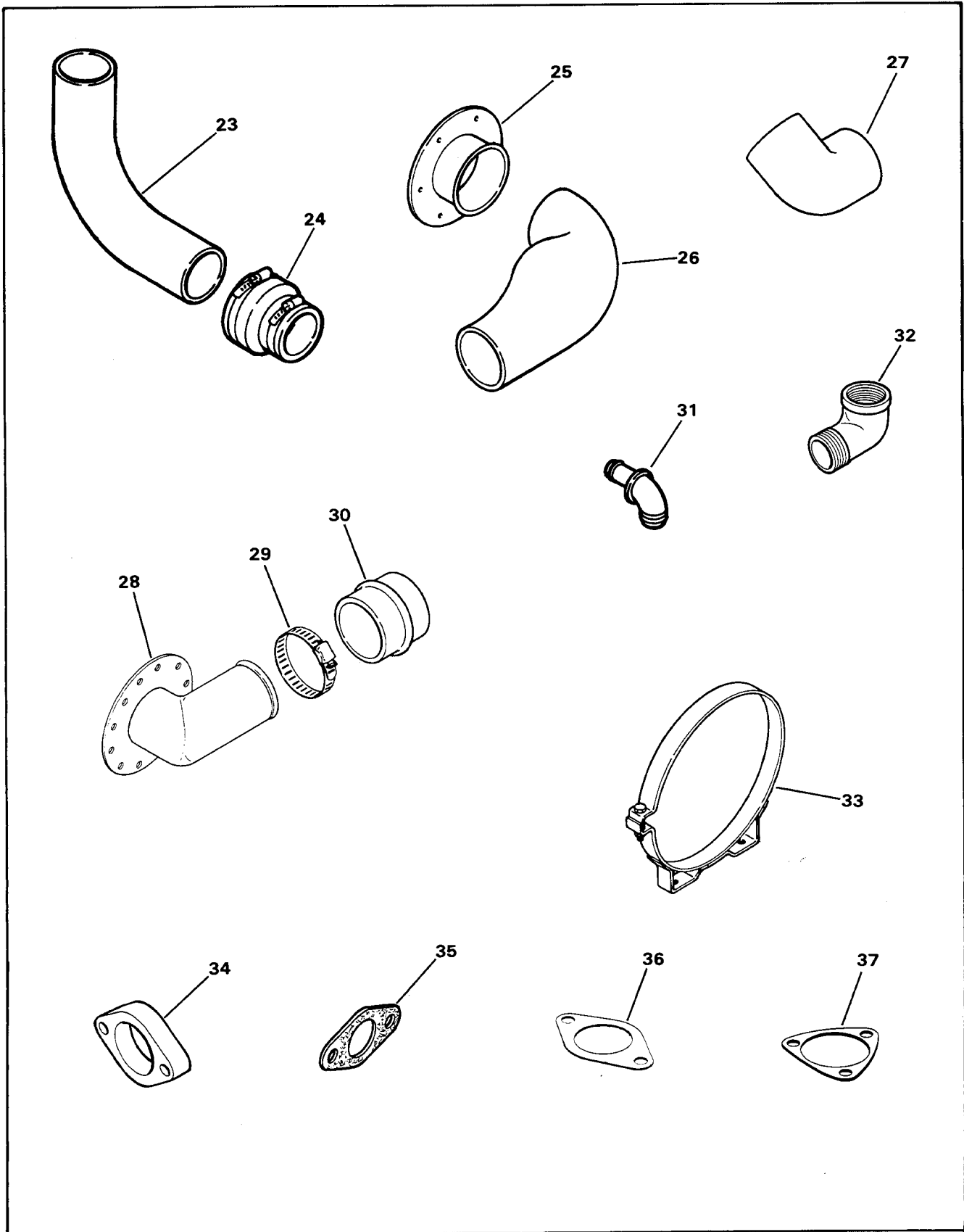
Air Intake 101



Air Intake 101



Air Intake 101



Notes

DIESEL

30, 45, 55, 60, 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286332	Spring	not shown		290437	Bracket, spring	not shown	

75 kW (D4800) & 100 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291723	Bracket, fuel pump (100 kW)	16	48	291012	Bracket, fuel pump (75 kW)	16	48
				291029	Pump, fuel (24V)	14	15

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
247076	Pump, fuel (12V)	14	15	291723	Bracket, fuel pump mounting	16	48

130 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
235496	Spring	15	25	290676	Holder, spring (disc.)	15	26
286346	Solenoid (12 Volt)	15	24	290995	Bracket, solenoid (disc.)	16	47
289093	Stud, linkage (disc.)	15	31	290674	Solenoid (24 Volt)	15	24
290675	Arm, solenoid (2)	15	29				

Fuel System

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150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
235496	Spring	15	25	290675	Arm, solenoid (2)	15	29
272456	Joint, ball	15	30	290676	Holder, spring (disc.)	15	26
286346	Solenoid	15	24	290995	Bracket, solenoid (disc.)	16	47
289093	Stud, linkage (disc.)	15	31	290674	Solenoid (24V)	15	24

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-405-2	Strip, terminal	15	23	290676	Holder, spring (disc.)	15	26
235496	Spring	15	25	290716	Solenoid, (upper)	15	24
286516	Solenoid (lower)	15	24	290959	Bracket, solenoid	16	46
286671	Stud, linkage	15	31	291179	Lever, shut-off	15	40
290675	Arm, solenoid (2)	15	29				

GASOLINE ENGINES 30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
230455	Stud (2)	15	32	A-291420	Pump, fuel	14	14
A-290250	Carburetor	14	4				

45 kW, 55 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
280007	Gasket, flange	14	7	290265	Kit, carburetor repair	15	41
266624	Stud	15	35	A-290263	Choke (12V)		not shown
280494	Gasket, carburetor	14	7	290423	Adapter	14	13
A-290250	Carburetor	14	4	A-291420	Pump, fuel	14	14

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
231397	Stud (4) (disc.)	15	32	A-290568	Fuel Pump	14	16
285602	Gasket	14	11	290569	Rod, fuel pump (disc.)		not shown
290387	Gasket, throttle	14	7	290641	Insulator (disc.)	14	6
	body (3) (disc.)			A-290683	Carburetor	14	2
A-290535	Body, throttle (disc.)	14	5				

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
247076	Pump, fuel	14	15	A-291440	Carburetor		not shown
280494	Gasket, carburetor	14	7	291769	Adapter, carburetor	14	9
291430	Gasket, carburetor	14	10	291770	Spacer	14	8

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-286504	Carburetor (disc.)	14	2	286533	Clip, fuel line	15	33

100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
247076	Pump, electric fuel	14	15	291993	Adapter, carburetor	14	9A
291430	Gasket (2)	14	10		flange		
A-291627	Carburetor	14	2	291695	Stud (4)	15	32
291687	Adapter	14	9B				

Fuel System

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NATURAL GAS, LP VAPOR (STRAIGHT OR AUTOMATIC CHANGEOVER)

30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-504-2	Hose, fuel flex	15	38	A-285899	Carburetor	14	1
233704	Terminal, adapter	15	36	287387	Switch, pressure	15	21
244621	Valve, gas (12V DC, 3/4")	15	18	289055	Pipe, heavy duty	15	39
244914	Valve, gas (12V DC)	15	18	290370	Bracket, relay mounting (disc.)	16	43
245748	Relay	15	22	291271	Regulator, pressure (LP)	15	19
285887	Adjustment, gas load	15	20	290426	Bracket, pipe	16	44
291259	Regulator, pressure (natural)	15	19				

45 kW, 55 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-504-13	Hose, flex fuel	15	38	285887	Adjustment, gas load	15	20
244621	Valve, gas (12V DC, 3/4")	15	18	287387	Switch, pressure	15	21
244914	Valve, gas (12V DC)	15	18	289055	Pipe, heavy duty	15	39
245748	Relay	15	22	290370	Bracket, relay mounting (disc.)	16	43
291259	Regulator, pressure (natural)	15	19	291271	Regulator, pressure (LP)	15	19
A-285885	Carburetor	14	1	290426	Bracket, pipe	16	44

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-504-18	Line, flex. fuel	15	38	290387	Gasket, throttle body (3) (disc.)	14	7
231397	Stud (4) (disc.)	15	32	A-290535	Body, throttle (disc.)	14	5
233704	Adapter, terminal (2)	15	36	290641	Insulator (disc.)	14	6
244914	Valve, fuel (12V)	15	18	290476	Bracket (disc.)	16	45
245748	Relay	15	22	243035	Grommet	15	37
285887	Adjustment, regulator	15	20	291260	Regulator, pressure (natural)	15	19
A-286698	Carburetor	14	3	291272	Regulator, pressure (LP)	15	19
287387	Switch, pressure	15	21				
A-286741	Valve, fuel (12V)	15	17				
289055	Pipe, heavy duty	15	39				

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70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-504-18	Hose, flex	15	38	289055	Nipple, pipe	15	39
X-543-3	Label, "natural gas" (disc.)	15	28	290426	Bracket, support	16	44
233704	Adapter, terminal	15	36	291259	Regulator, pressure	15	19
244914	Valve, gas	15	18	291271	Regulator, atmospheric	15	19
245748	Relay	15	22				
285623	Label, "LP gas"	15	34	291769	Adapter, carburetor	14	9
285887	Valve, gas load	15	20	A-291429	Carburetor, assembly	14	3
286714	Switch, pressure	15	21	291430	Gasket, carburetor	14	10
A-286741	Valve, gas	15	17	291439	Bracket, support	16	42

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-504-3	Line, fuel flex	15	38	285887	Adjustment load	15	20
X-543-3	Label, "natural gas" (disc.)	15	28	A-286698	Carburetor, (Impco 225)	14	3
X-658-1	Terminal, female	15	27				
233704	Terminal, adapter	15	36	286714	Switch, pressure	15	21
243035	Bushing, rubber (1)	15	37	A-286741	Valve, fuel (12V)	15	17
244914	Valve, fuel (12V)	15	18	286742	Bracket, pipe	16	49
245748	Relay, 12V	15	22	289055	Pipe, heavy duty	15	39
285601	Cover, fuel pump hole	14	12	290426	Bracket, support	16	44
				291260	Regulator, pressure	15	19
285602	Gasket, fuel pump	14	11	291272	Regulator, atmosphere	15	19
285623	Label, "LP gas"	15	34				

100 kW (C-605)

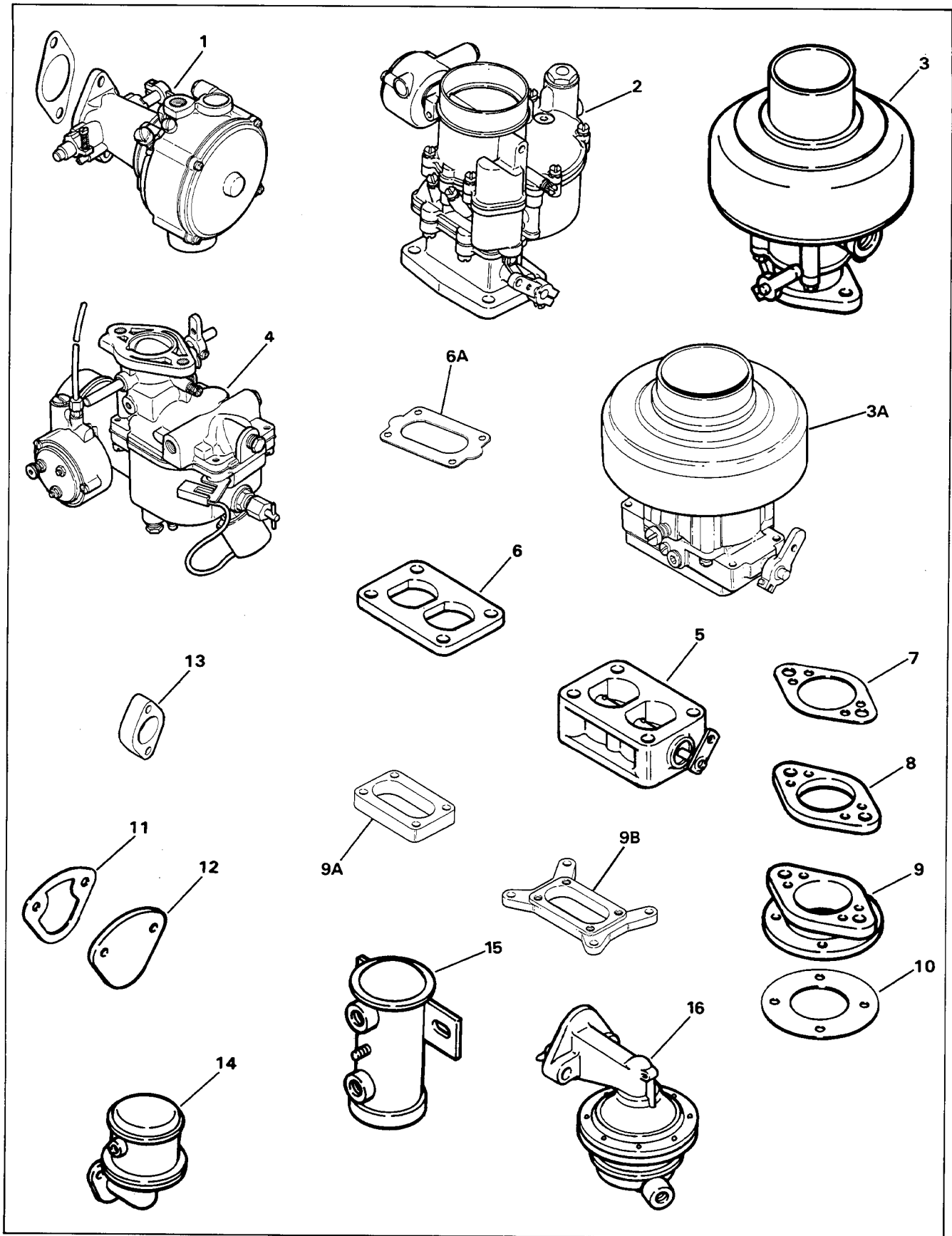
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A-286741	Valve, gas	15	17	291628	Adapter (disc.)	16	48B
290426	Bracket, support	16	44	291693	Gasket	14	6A
291260	Regulator, pressure	15	19	291993	Adapter	14	9A
291623	Bracket, pipe	16	48A	A-291996	Carburetor	14	3A

Notes

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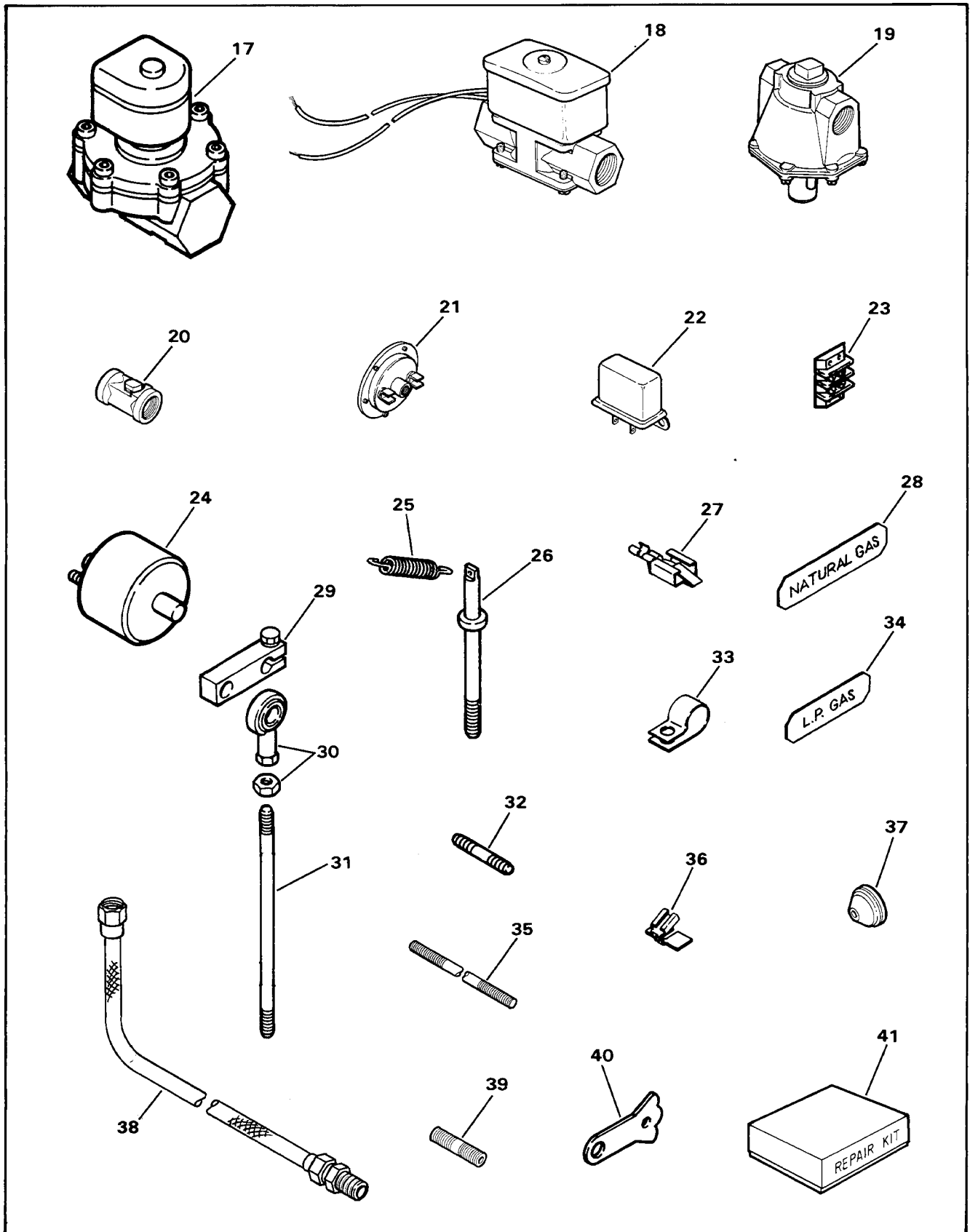
Fuel System

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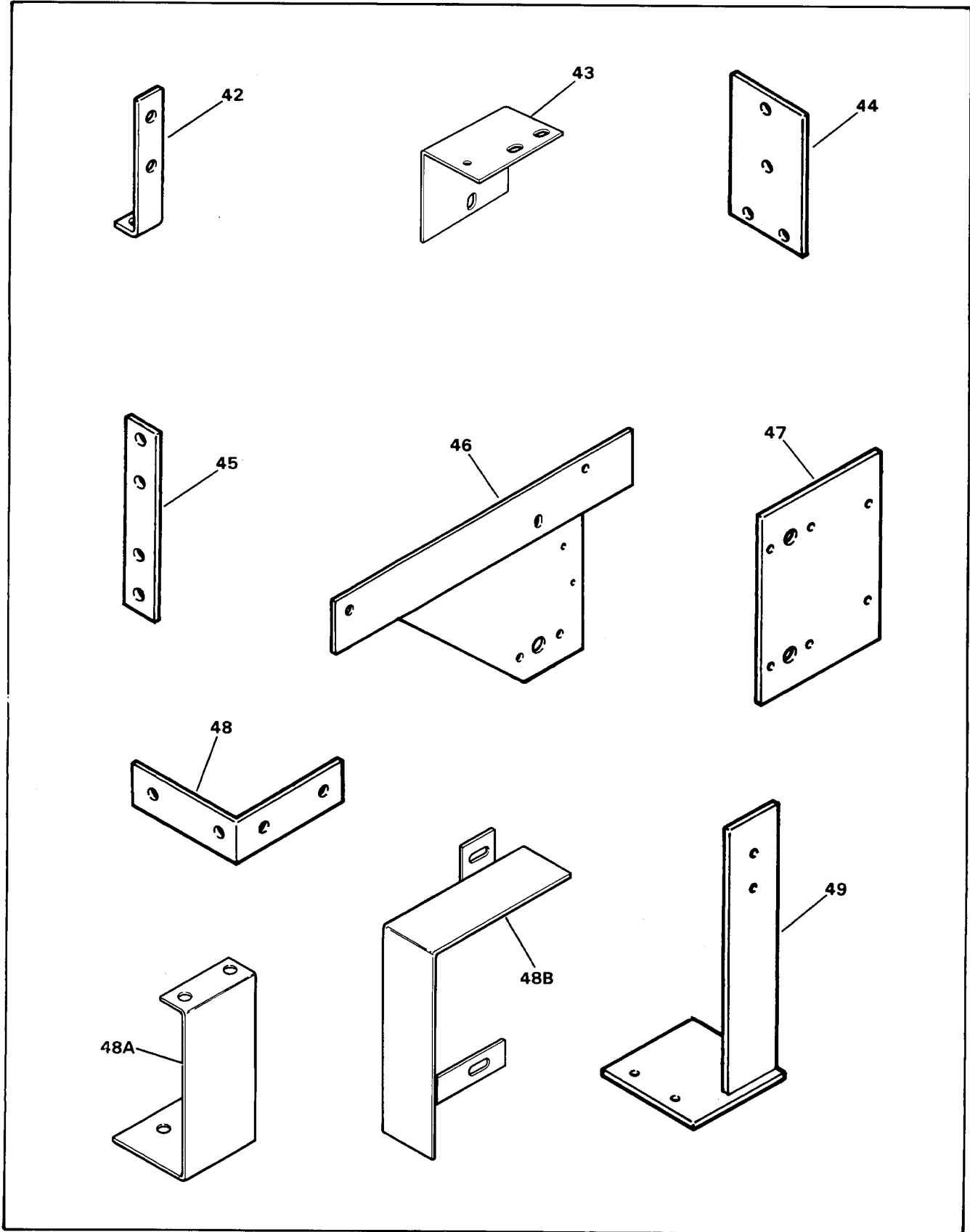
Fuel System

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Fuel System

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MARINE

30 kW — Keel Cooled

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-248312	Adapter, pressure cap	30	8	286953	Gasket, exhaust manifold (4)	34	67
285255	Gasket, manifold	34	67	290442	Bracket, belt guard	35	75
285259	Hose, manifold	37	135	290444	Guard, belt	33	47
285261	Adapter	38	165	290445	Guard, alternator	34	58
285668	Manifold, water cooled	38	182	290446	Belt	33	46
286634	Hose	37	135	290467	Guard, belt	34	59
286794	Bracket	35	76				

30 kW — Marine

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241260	Gasket	34	70	285825	Adapter, pump inlet	34	68
241261	Gasket	34	71	286881	Manifold, water cooled	38	181
241293	Tube, water diffusion	37	153	286882	Cap, manifold	34	72
248324	Adapter, pressure cap	30	7	286883	Bundle, tube	36	132
258037	Cap, pressure	30	6	286886	Support, tube bundle	36	117
B-265089	Pump, sea water	38	172	286953	Gasket, manifold	34	67
285255	Gasket, adapter	34	67	290434	Belt, V	33	46
285259	Hose, molded	37	135	290441	Bracket, pump mounting	35	106
285261	Adapter, hose	38	165	290442	Bracket, belt guard	35	75
285431	Pulley, sea water pump	33	45	286794	Bracket, belt guard	35	76
285498	Hose, molded	37	143	290444	Guard, belt	33	47
285685	Adapter, hose	38	163				

Cooling System

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RADIATOR

30 kW, 45 kW, 55 kW (gasoline)
30 kW, 45 kW, 60 kW (diesel)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
265853	Washer, isolation (2)	36	125	285928	Guard, belt (gasoline)	33	41
291658	Hose, lower molded	37	134	286194	Shroud, radiator	31	17
285722	Hose, upper molded	37	133	286196	Grill, radiator	31	18
A-285745	Radiator, 30 kW (Young D208828)	30	5	290344	Fan	33	44
A-279028	Radiator, 45 kW, 55 kW, 60 kW	30	2	290363	Support, radiator	36	118
290468	Guard, fan (diesel)	33	41	291595	Support, radiator (use with 5813 & 7813 series	36	118
				291672	Isolation pad (4)	38	167

60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258531	Fan	33	43	291658	Hose, lower molded	37	137
265853	Washer, isolation (2)	36	125	290468	Guard, fan	33	41
285722	Hose, upper molded	37	133	A-279028	Radiator	30	2
286194	Shroud, radiator	31	17	291595	Support, radiator	36	118
286196	Grill, radiator	31	18	291672	Pad, isolation	38	167
				279351	Shroud, radiator (disc.)	31	19A

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286724	Shroud, radiator	31	13	A-290530	Radiator	30	9
286725	Grill, radiator	31	14	290537	Adapter, hose	37	157
290379	Support, radiator (RH) (disc.)	36	114	290546	Guard, fan (LH) (disc.)	32	38
290380	Support, radiator (LH) (disc.)	36	116	290547	Guard, fan (RH) (disc.)	32	37
290381	Brace, radiator (RH) (disc.)	36	115	290548	Guard, fan (top) (disc.)	32	36
290382	Brace, radiator (LH) (disc.)	36	113	290550	Elbow, water inlet	37	155
290401	Cover, exhaust manifold (2) (disc.)	34	66	290553	Fan	not shown	
290404	Gasket, exhaust manifold (2) (disc.)	34	65	290639	Spacer, fan	not shown	
				A-290726	Thermostat (2) (disc.)		127

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286724	Shroud, radiator	31	13	A-291407	Radiator, (Stuart, Core size 26-1/2 x 26-1/4 XB45C) (disc.)	30	3
286725	Grill	31	14				
291378	Brace, radiator	36	109	291415	Guard, fan (left)	32	32
291379	Support, radiator (RH)	36	110	291416	Guard, fan (right)	32	31
291380	Support, radiator (LH)	36	111	291782	Guard, fan	33	40
291383	Guard, fan (top)	32	30				

RADIATOR

75 kW (D4800), 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291005	Guard, fan	33	39	291021	Elbow, hose	37	136
291045	Guard, fan (use with Bosch governor)	33	39	291059	Fan	33	42
291006	Shroud, radiator	31	11	291051	Support, radiator (disc.)	36	107
291007	Grill, radiator	31	12	291868	Support, radiator (use with spec 1274 series)	36	108
291008	Elbow, outlet	37	156	291670	Shroud, fan (D4800T)	33	41A
A-291989	Radiator	30	1				

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286330	Guard, fan (LH)	32	35	286942	Guard, fan (RH) (disc.)	32	34
A-286503	Radiator, (Young D171407)	30	3	286943	Guard, fan (top) (disc.)	32	33
286511	Hose, radiator outlet	37	154	290379	Support, radiator (RH) (disc.)	36	114
286548	Hose, radiator, (2)	37	140	290380	Support, radiator (LH) (disc.)	36	116
286724	Shroud, radiator	31	13	290381	Brace, radiator (disc.)	36	115
286725	Grill, radiator	31	14	290382	Brace, radiator (disc.)	36	113

100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291006	Shroud, radiator	31	11	A-291989	Radiator	30	1
291007	Grill, radiator	31	12	291994	Hose, radiator	37	148
291620	Guard, fan top (disc.)	32	36A	291995	Hose, radiator	38	165A
291631	Support, radiator (2) (disc.)	36	111A	291998	Guard, L.H. fan	33	38A
291632	Shroud, fan	33	41A	291999	Guard, R.H. fan	33	38B

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291346	Grill, radiator	31	16	291348	Shroud, radiator	31	15
291347	Guard, fan	33	39	291349	Bracket, radiator shroud (2)	35	95
291045	Guard, fan (use with Bosch governor)	33	39				

Cooling System

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RADIATOR 130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258037	Cap, pressure	30	6	290997	Guard, fan (RH)	32	23
A-290952	Radiator (Modine 1A10156)	30	4	290998	Guard, fan (LH)	32	24
290972	Shroud, radiator (disc.)	31	20	291096	Elbow	37	149
290975	Brace, radiator (2) (disc.)	36	121	291097	Hose	38	170
290978	Support, radiator (2)	36	112	291098	Hose, water inlet	37	150
290655	Fan (130 kW)	33	43	291099	Elbow, tube (disc.)	38	169
290980	Fan (150 kW)	33	43	291353	Shroud, fan (150 kW) (disc.)	32	21
290981	Bracket, radiator brace upper (2) (disc.)	35	103	290996	Shroud, fan (130 kW)	32	22
290982	Bracket, radiator brace lower (2) (disc.)	35	102				

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258037	Cap, pressure	30	6	290977	Hose, radiator	37	140
A-290952	Radiator (Modine 1A10156)	30	4	290978	Support, radiator	36	112
290971	Fan, shroud (disc.)	32	25	291757	Guard, top (disc.)	32	28
290972	Shroud, radiator (disc.)	31	20	290980	Fan	33	43
291758	Guard, fan (RH) (disc.)	32	27	290981	Bracket, radiator brace upper (2) (disc.)	35	103
291759	Guard, fan (LH) (disc.)	32	26	290982	Bracket, radiator brace lower (2) (disc.)	35	102
290975	Brace, radiator (2) (disc.)	36	121	290983	Hose, reducer	38	170
290976	Elbow (disc.)	38	168				
290650	Pad, isolation	38	167				

160 kW, 180 kW, 250 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-280993	Radiator	30	10	291507	Brace, radiator (2)	36	120
250081	Clamp, hose (4)	38	171	291514	Support, radiator	36	119
265693	Spacer, grill (8)	36	124	291596	Guard, fan (top)	32	36A
282969	Hose, water inlet	37	148A	291597	Guard, fan (LH)	33	40A
289039	Grill, radiator	31	19	291598	Guard, fan (RH)	33	40B
290475	Shroud, fan	32	29	291672	Pad, isolation	38	167
291506	Bracket, radiator brace (2)	35	79				

230 kW, 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
265693	Spacer, grill (8)	36	124	290475	Shroud, fan	32	29
285145	Gasket, adapter (2) (disc.)	34	67	290772	Hose, formed	37	145
289039	Grill, radiator	31	19	291506	Bracket, radiator brace (2)	35	79
289142	Adapter, hose (2) (disc.)	38	166	291507	Brace, radiator (2)	36	120
A-282888	Radiator (General Thermo Dynamics No. 128)	30	10	291514	Support, radiator	36	119
291672	Pad, isolation	38	167	291517	Tube, water	37	146
291596	Guard, fan (top)	32	36A	291597	Guard, fan (LH)	33	40A
				291598	Guard, fan (RH)	33	40B

Cooling System 104

250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Parts not serviced by Kohler							

CITY WATER COOLED

30 kW, 45 kW (diesel)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-7	Valve, solenoid	36	128	286883	Bundle, tube	36	132
258388	Thermometer	36	126	286886	Support, bundle tube	36	117
241260	Gasket, inlet	34	70	286953	Gasket, manifold (6)	34	67
241261	Gasket, inlet (inner gasket)	34	71	286881	Manifold, water cooled (30 kW)	38	181
				286913	Manifold, water cooled (45 kW)	38	181
248324	Neck, filler	30	7	290176	Regulator, water	36	131
258037	Cap, pressure	30	6	290442	Bracket, belt guard	35	75
285255	Gasket, adapter	34	67	290444	Guard, belt (complete enclosure)	33	47
285498	Hose, molded	37	143				
285685	Adapter, hose	38	163	290446	Belt, V	33	46
285822	Adapter, pump inlet	38	173	290464	Guard, belt	34	59
285825	Gasket, pump inlet	34	68	290466	Bracket, water regulator	35	96
285892	Pipe, special	37	139	243035	Grommet	36	123
286794	Bracket, belt guard	35	76	290426	Bracket	35	88
286882	Cap, manifold	34	72				

30 kW (gasoline)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-7	Valve, solenoid	36	128	286634	Hose, molded radiator	37	135
243035	Grommet	36	123	286794	Bracket	35	76
A-248312	Adapter, pressure cap	30	8	286851	Bracket, belt guard mounting	35	78
250081	Clamp, hose (4)	38	171				
285498	Hose, manifold inlet	37	143	286953	Gasket, exhaust manifold	34	67
285669	Exchanger, heat	38	174	290367	Bracket, heat exchanger (disc.)	35	77
286197	Belt, guard	33	48	A-289128	Valve, water regulator	36	130
286198	Mounting, plate	35	74	290986	Manifold, water cooled (disc.)	38	183
286272	Gasket, thermostat housing	34	69				

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CITY WATER COOLED

45 kW, 55 kW (gasoline)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-7	Valve, water (12V DC)	36	128	286198	Bracket, belt guard	35	74
X-386-36	Hose, overflow	37	151	286272	Gasket, thermostat housing	34	69
A-248312	Adapter, pressure cap	30	8				
250081	Clamp, hose (8)	38	171	286634	Hose, molded elbow	37	135
285498	Hose, molded upper	37	143	286794	Bracket, belt guard (middle)	35	76
285499	Flange, exhaust (disc.)	34	64				
285501	Gasket, flange	34	63	286851	Bracket, belt guard (upper)	35	78
285662	Exchanger, heat	38	174				
285676	Manifold, water cooled	38	182	286953	Gasket, manifold (6)	34	67
285685	Adapter, hose (3)	38	163	A-289128	Regulator (AMOT)	36	130
286197	Guard, belt	33	48	290367	Bracket, exchanger (2) (disc.)	35	77

60 kW (D3000T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-7	Valve, water (12 V, DC)	36	128	286136	Gasket, manifold (disc.)	34	67
243035	Grommet	36	123	286214	Manifold, water cooled	38	182
A-248312	Adapter, pressure cap	30	8	286794	Bracket, belt guard	35	76
271150	Stud, manifold (2)	36	122	286953	Gasket, manifold (6)	34	67
271495	Stud, manifold (4)	36	122	A-289128	Regulator (AMOT)	36	130
282614	Elbow (disc.)	37	138	291658	Hose	37	137
285255	Gasket, adapter	34	67	290367	Bracket, exchanger mounting (2) (disc.)	35	77
285259	Hose, molded	37	135				
285261	Adapter, hose	38	165	290442	Bracket, belt guard	35	75
285662	Heat, exchanger	38	174	290444	Guard, belt	33	47
285685	Adapter, hose (3)	38	163	290446	Belt, V	33	46

60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-7	Valve, water (12V, DC)	36	128	286214	Manifold, water cooled	38	182
243035	Grommet	36	123	286794	Bracket, belt guard (middle)	35	76
A-248312	Adapter, pressure cap	30	8				
271150	Stud, manifold (2)	36	122	286953	Gasket, manifold (6)	34	67
271495	Stud, manifold (4)	36	122	A-289128	Regulator, AMOT	36	130
282614	Elbow (disc.)	37	138	291658	Hose	37	137
285255	Gasket, adapter	34	67	290367	Bracket, exchanger mounting (2) (disc.)	35	77
285259	Hose, molded	37	135				
285261	Adapter, hose	38	165	290442	Bracket, belt guard	35	75
285662	Exchanger	38	174	290444	Guard, belt	33	47
285685	Adapter, hose	38	163	290446	Belt, V	33	46
286136	Gasket, manifold (disc.)	34	67				

CITY WATER COOLED

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-8	Valve, solenoid	36	128	290407	Bracket, surge tank (RH) (disc.)	35	90
243035	Grommet	36	123	290408	Bracket, heat exchanger (2) (disc.)	35	100
258037	Cap, pressure	30	6	290537	Adapter, hose (2) (disc.)	37	157
285662	Exchanger, heat	38	174	290556	Tank surge (disc.)	38	180
A-289128	Regulator, AMOT	36	130	290561	Guard, complete (disc.)	34	54
290401	Cover, exhaust manifold (2) (disc.)	34	66	290562	Guard, end (disc.)	34	57
290404	Gasket, exhaust manifold (2) (disc.)	34	65	290575	Hose, molded elbow (disc.)	37	148
290406	Bracket, surge tank (LH) (disc.)	35	91	A-290726	Thermostat (2) (disc.)	36	127

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258037	Cap, pressure	30	6	291457	Tank, expansion	38	179
280005	Elbow, water outlet	37	159	291459	Guard, belt (disc.)	34	55
285662	Exchanger, heat	38	174	291460	Manifold, exhaust (2) (disc.)	not shown	
285685	Adapter, hose (3)	38	163	291461	Gasket, manifold exhaust (disc.)	not shown	
290176	Regulator, water	36	131	291462	Bracket, expansion tank	35	73
290377	Plate, heat exchanger mounting (2)	35	94	291700	Guard, belt (left) (disc.)	34	62
290378	Support, heat exchanger (2) (disc.)	35	93	291701	Guard, belt (right) (disc.)	34	61
				291782	Guard, fan (disc.)	33	40

75 kW (D4800), 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-5	Valve, solenoid	36	128	291008	Elbow, radiator outlet	37	156
243035	Grommet	36	123	291030	Tank, expansion (disc.)	38	178
250081	Clamp, hose (4)	38	171	291031	Bracket, tank (disc.)	35	83
258037	Cap, pressure	30	6	291033	Bracket, belt guard (upper) (disc.)	35	98
280528	Spacer (2)	36	124	291034	Bracket, belt guard (2)	35	99
285662	Exchanger, heat	38	174	291035	Bracket, belt guard (lower)	35	101
286831	Adapter, hose (2)	38	164	291357	Guard, belt	34	53
A-289128	Regulator, AMOT	36	130				

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CITY WATER COOLED

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-8	Valve, water (12V DC)	36	128	286455	Bracket, belt guard (left) (disc.)	35	81
X-528-2	Hose, molded (2) (disc.)	37	152	286456	Tank, surge (disc.)	38	180
X-550-5	Hose, flex fuel (disc.)	37	141	286457	Guard, belt (disc.)	34	56
243035	Bushing, rubber	36	123	A-289128	Regulator (AMOT)	36	130
258037	Cap, pressure	30	6	290377	Plate, heat exchanger (2)	35	94
285662	Exchanger, heat	38	174	290378	Bracket, heat exchanger (2) (disc.)	35	93
286454	Bracket, belt guard (right) (disc.)	35	82				

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-570-3	Adpater, hose (disc.)	38	164	X-350-8	Valve, solenoid	36	128
X-613-3	Hose, flex fuel (disc.)	37	141	290133	Bracket, belt guard (upper) (disc.)	35	98
243035	Grommet	36	123	291034	Bracket, belt guard (2)	35	99
250081	Clamp, hose (4)	38	171	291035	Bracket, belt guard (lower)	35	101
258037	Cap, pressure	30	6	291354	Bracket, heat exchanger (RH) (disc.)	35	85
285662	Exchanger, heat	38	174	291355	Bracket, heat exchanger (LH) (disc.)	35	86
286831	Adapter, hose (2)	38	164	291357	Guard, belt	34	53
A-289128	Regulator, AMOT	36	130				
291030	Tank, expansion (disc.)	38	178				
291031	Bracket, tank (disc.)	35	83				

130 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
243035	Grommet	36	123	291162	Guard, belt (disc.)	34	50
258037	Cap, pressure	30	6	291941	Bracket, belt guard	35	105
286831	Adapter, hose	38	164	291164	Tank, expansion (disc.)	38	177
A-289128	Regulator, AMOT	36	130	291165	Bracket, expansion tank (disc.)	35	87
291099	Elbow, tube (disc.)	38	169	291166	Exchanger, heat	38	175
291116	Bracket, heat exchanger (2)	35	104				

CITY WATER COOLED

150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-8	Valve, solenoid	36	128	291162	Guard, belt (disc.)	34	50
X-386-37	Line, flex. fuel (disc.)	37	151	291941	Bracket, belt guard	35	105
243035	Grommet	36	123	291164	Tank, expansion (disc.)	38	177
250081	Clamp, hose (4)	38	171	291165	Bracket, expansion tank (disc.)	35	87
258037	Cap, pressure	30	6	285685	Adapter, hose (2)	38	163
285662	Exchanger, heat	38	174	291751	Bracket, heat exchanger (2)	35	94
A-289128	Regulator, AMOT	36	130				
291099	Elbow, tube (disc.)	38	169				

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-6	Valve, solenoid	36	128	290648	Hose	37	142
X-386-36	Line, flex. fuel	37	151	290680	Bracket, surge tank (disc.)	35	92
243035	Grommet	36	123	290681	Tank, expansion (disc.)	38	176
258037	Cap, pressure	30	6	290710	Bracket, belt guard (disc.)	35	89
286143	Exchanger, heat	38	175	291116	Bracket, heat exchanger (2)	35	104
286591	Nipple (2) (disc.)	38	164				
286610	Adapter, hose (disc.)	38	164	291128	Guard, belt	34	52
289477	Regulator, water	36	129	290718	Guard, alternator	34	60

160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258037	Cap, pressure	30	6	291108	Bracket, surge tank	35	84
286143	Exchanger, heat	38	175	291109	Bracket, belt guard	35	80
289352	Tank, surge (disc.)	38	178	291110	Guard, belt	34	51
289477	Regulator, water	36	129	291116	Bracket, heat exchanger	35	104
290772	Hose, water inlet	37	145	291517	Water, tube	37	146

250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-6	Valve, solenoid	36	128	151771	Elbow	37	160
X-570-8	Adapter, hose	38	163	289348	Strainer, water (disc.)	37	158

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REMOTE RADIATOR

30 kW (diesel)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285255	Gasket, adapter	34	67	286794	Bracket, belt guard	35	77
285259	Hose, molded manifold inlet	37	135	286953	Gasket, manifold (4)	34	67
285261	Adapter, hose	38	165	290442	Bracket, belt guard	35	75
285668	Manifold, water-cooled	38	182	290444	Guard, belt	33	47
285685	Adapter, hose	38	163	290467	Guard, belt (end) (disc.)	34	59
286634	Hose, molded	37	135	290446	Belt, V	33	46

30 kW (gasoline)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285498	Hose, molded upper	37	143	286794	Bracket, belt guard (middle)	35	76
285685	Adapter, hose	38	163	286851	Bracket, belt guard	35	78
290986	Manifold, exhaust (disc.)	38	183	286953	Gasket, manifold (4)	34	67
286197	Guard, belt	33	48				
286198	Bracket, belt guard (bottom)	35	74				

45 kW (diesel)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose (4)	38	171	286634	Hose, molded radiator	37	135
285214	Manifold, exhaust	38	184	286953	Gasket, manifold (6)	34	67
285255	Gasket, adapter	34	67	286794	Bracket, belt guard (middle)	35	76
285259	Hose, molded	37	135	290442	Bracket, belt guard	35	75
285261	Adapter, hose (located between hose and manifold)	38	165	290444	Guard, belt	33	47
				290446	Belt, V	33	46
285685	Adapter, hose	38	163	290467	Guard, belt (end) (disc.)	34	59

REMOTE RADIATOR

45 kW (gasoline)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285498	Hose, molded upper	37	143	286794	Bracket, belt guard (middle)	35	76
285499	Flange, exhaust (disc.)	34	64	286851	Bracket, belt guard	35	78
285501	Gasket, flange	34	63	286953	Gasket, manifold (6)	34	67
285676	Manifold, exhaust	38	182				
286197	Guard, belt	33	48				
286198	Bracket, belt guard (bottom)	35	74				

60 kW (D3000T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
230455	Stud (2)	36	122	286214	Manifold, water cooled	38	182
271150	Stud, manifold (2)	36	122	286794	Bracket, belt guard (top)	35	76
271495	Stud, manifold (4)	36	122	286953	Gasket, manifold (6)	34	67
282614	Elbow (disc.)	37	138	290442	Bracket, belt guard (bottom)	35	75
285255	Gasket, adapter	34	67	290444	Guard, belt (complete)	33	47
285259	Hose, molded	37	135	290446	Belt, V	33	46
285261	Adapter, hose	38	165				
286136	Gasket, manifold (disc.)	34	67				

60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
271150	Stud, manifold (2)	36	122	286214	Manifold, water cooled	38	182
271495	Stud, manifold (4)	36	122	286794	Bracket, belt guard (top)	35	76
282614	Elbow (disc.)	37	138	286953	Gasket, manifold (6)	34	67
285255	Gasket, adapter	34	67	290442	Bracket, belt guard (bottom)	35	75
285259	Hose, molded	37	135	290444	Guard, belt	33	47
285261	Adapter, hose	38	165	290446	Belt, V	33	46
286136	Gasket, manifold (disc.)	34	67				

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REMOTE RADIATOR

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
280005	Elbow, water outlet	37	159	291462	Bracket, expansion tank	35	73
291459	Guard, belt (disc.)	34	55	291700	Guard, belt (L) (disc.)	34	62
291460	Manifold, exhaust (disc.)	not shown		291701	Guard, belt (R) (disc.)	34	61
291461	Gasket, exhaust manifold (disc.)	not shown		291782	Guard, fan (disc.)	33	40

75 kW (D4800), 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291033	Bracket, belt guard (disc.)	35	98	291008	Elbow, radiator outlet (All 75 kW specs and 100 kW specs: 127230a, 127246a, 127247a, 127259a, 127264a, 127283a)	37	156
291034	Bracket, belt guard (2)	35	99				
291035	Bracket, belt guard (side)	35	101				
291357	Guard, belt	34	53				

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291033	Bracket, belt guard (top) (disc.)	35	98	291035	Bracket, belt guard (side)	35	101
291034	Bracket, belt guard (2)	35	99	291357	Guard, belt	34	53

130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291162	Guard, belt (disc.)	34	50	291941	Bracket, belt guard	35	105

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290695	Guard, bracket belt (disc.)	35	97	290718	Guard, alternator	34	60
291128	Guard, belt	34	52				

REMOTE RADIATOR

160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW

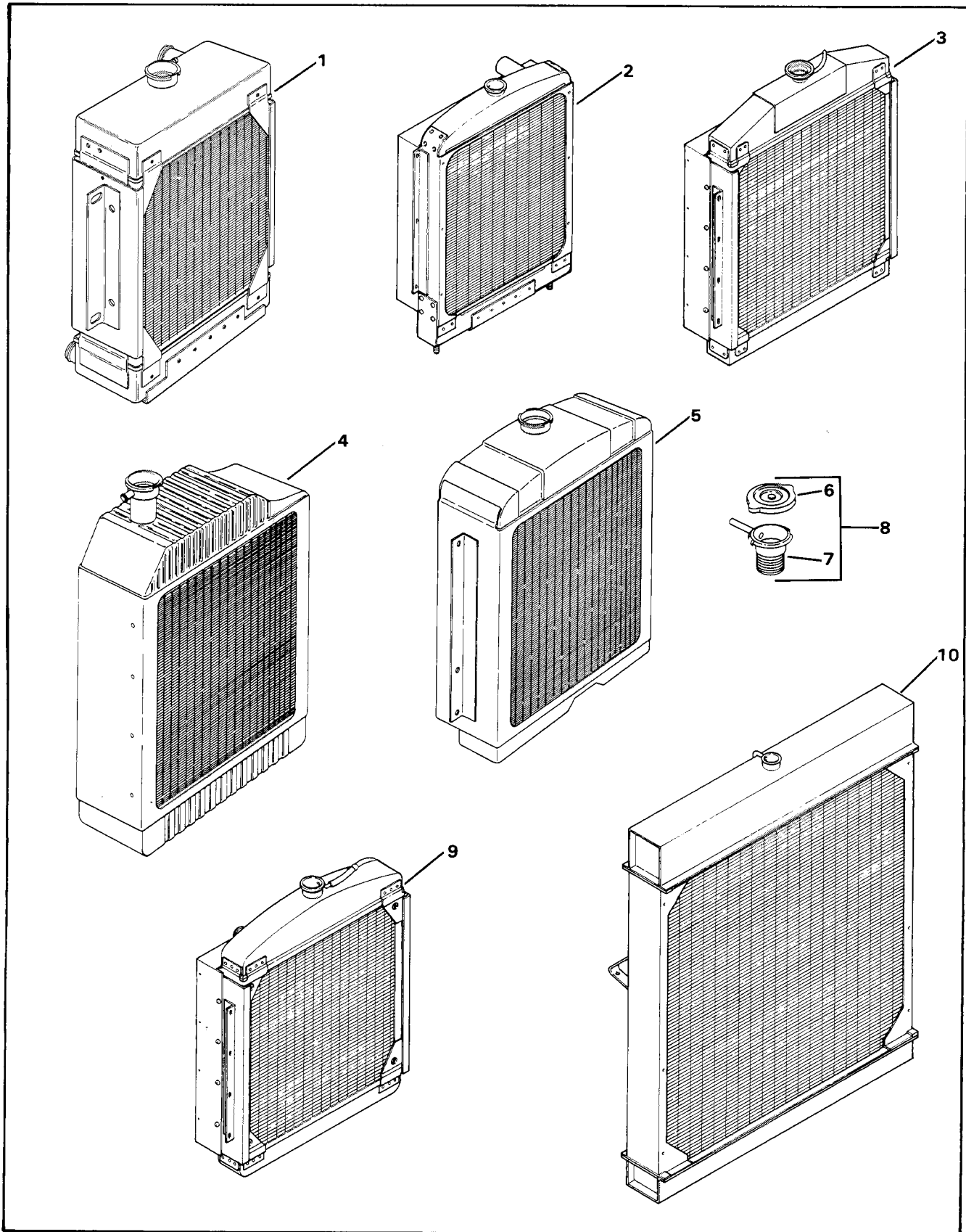
Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290772	Hose, water inlet	37	145	291110	Guard, belt	34	51
291109	Bracket, belt guard (2)	35	80				

250 kW (21000)

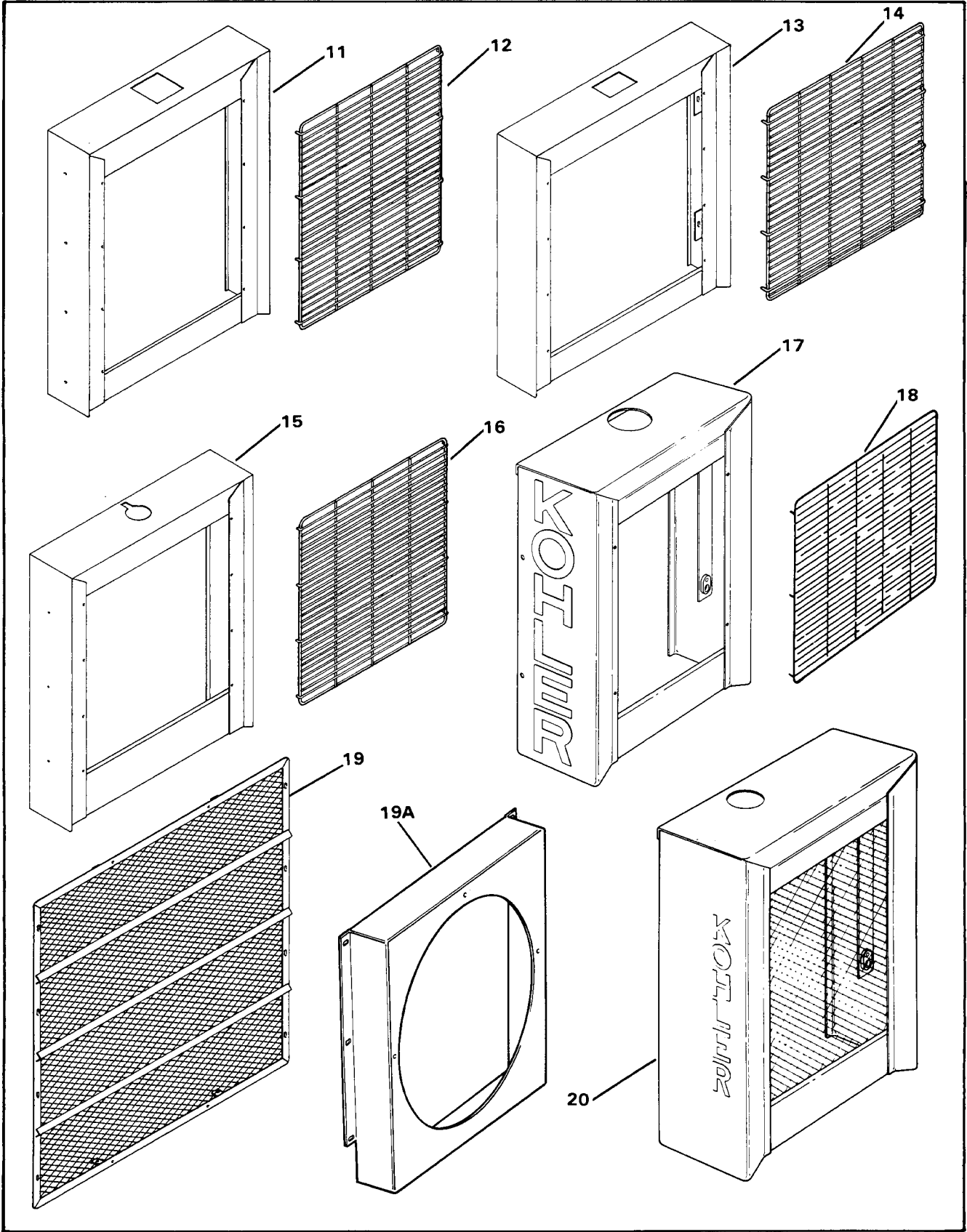
Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
160669	Hose (2) (disc.)	37	147	290410	Guard, belt (disc.)	33	49

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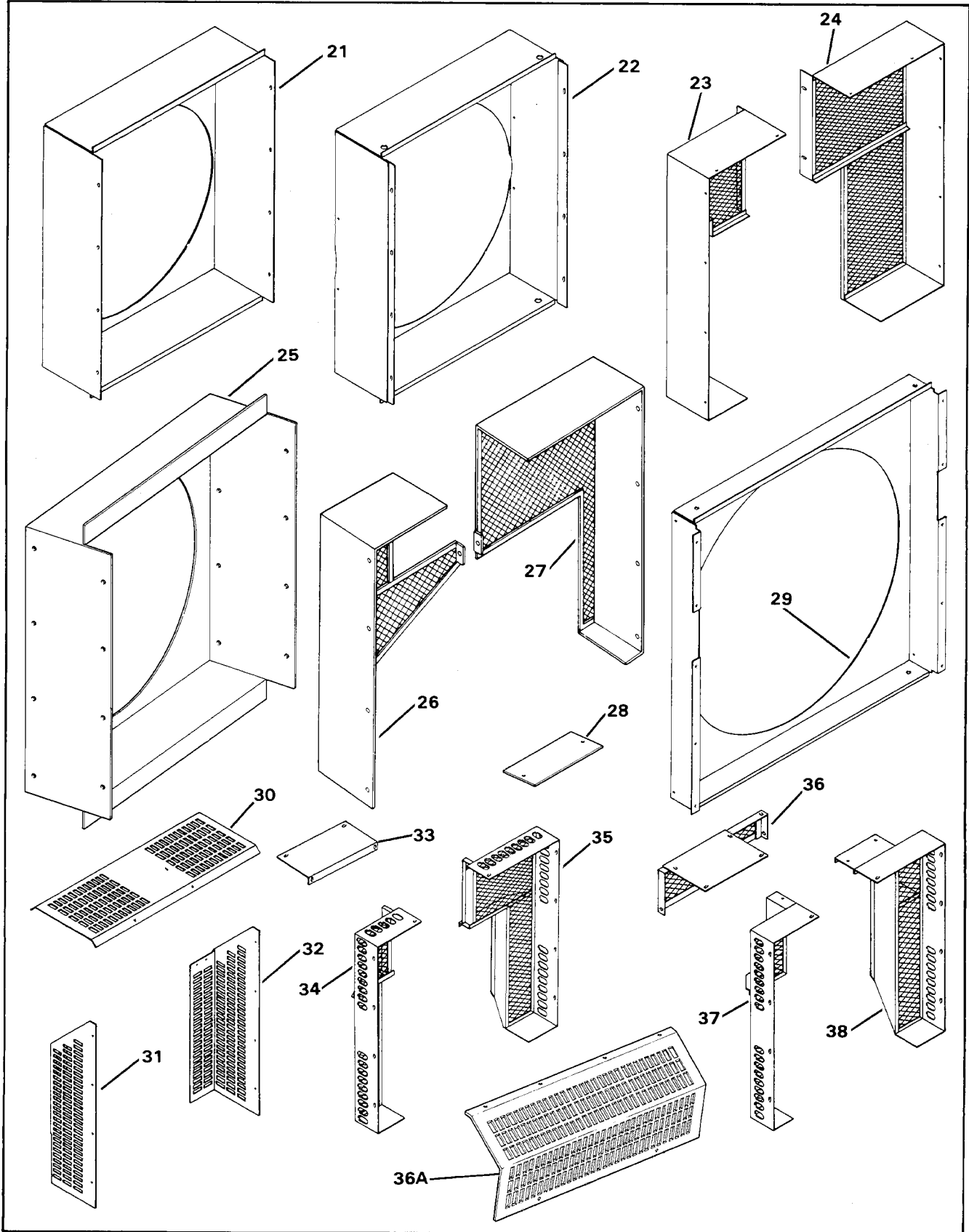


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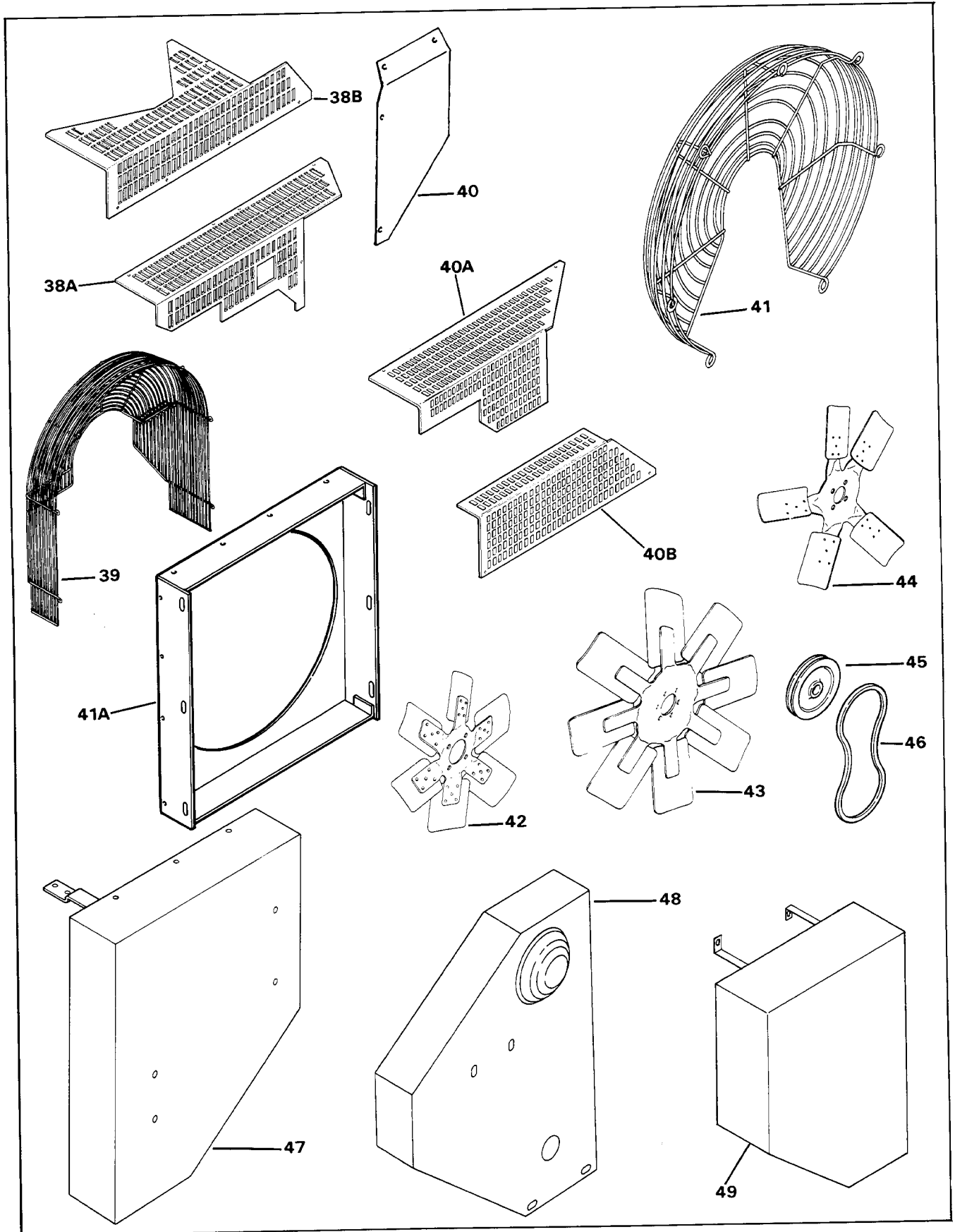


Cooling System

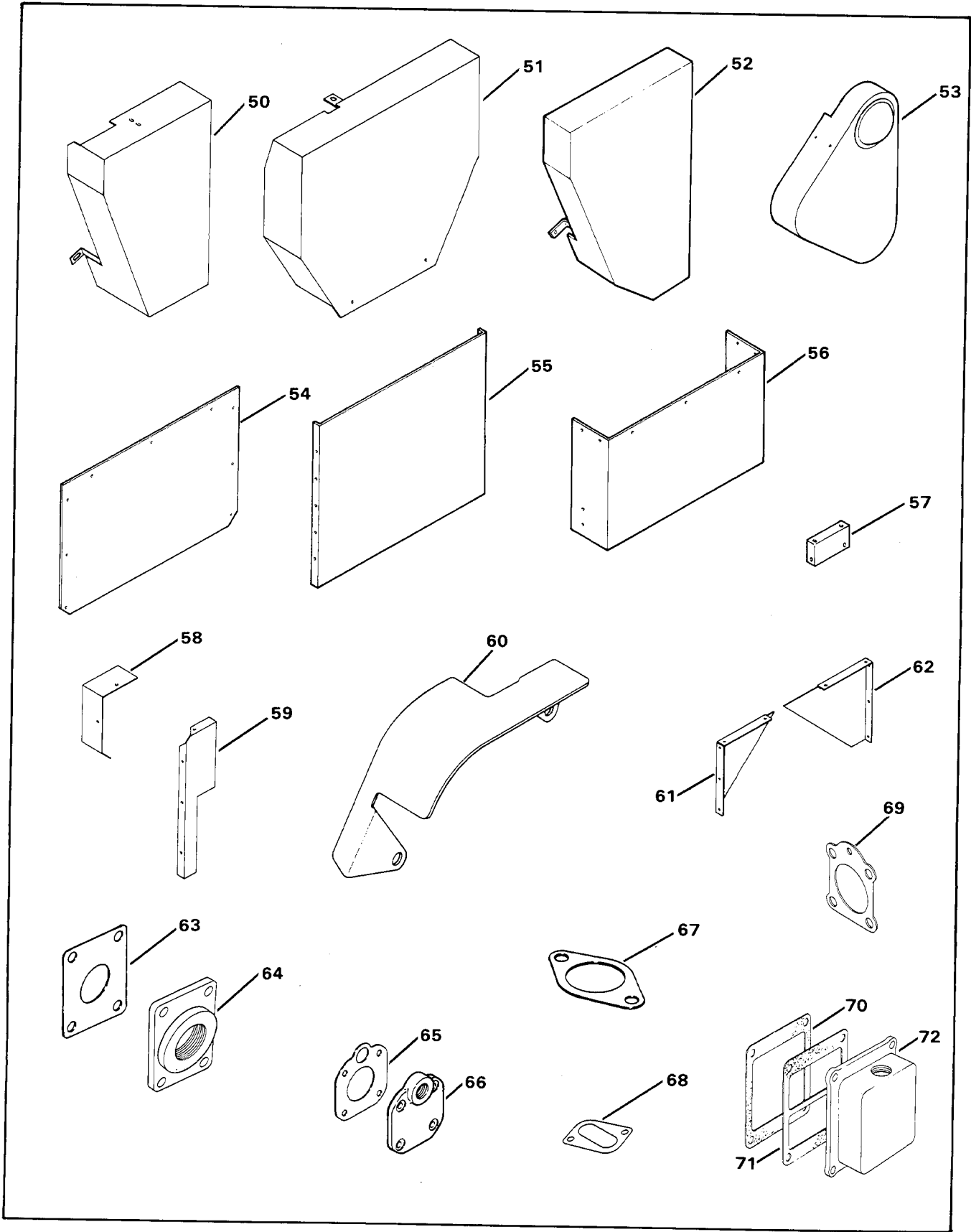
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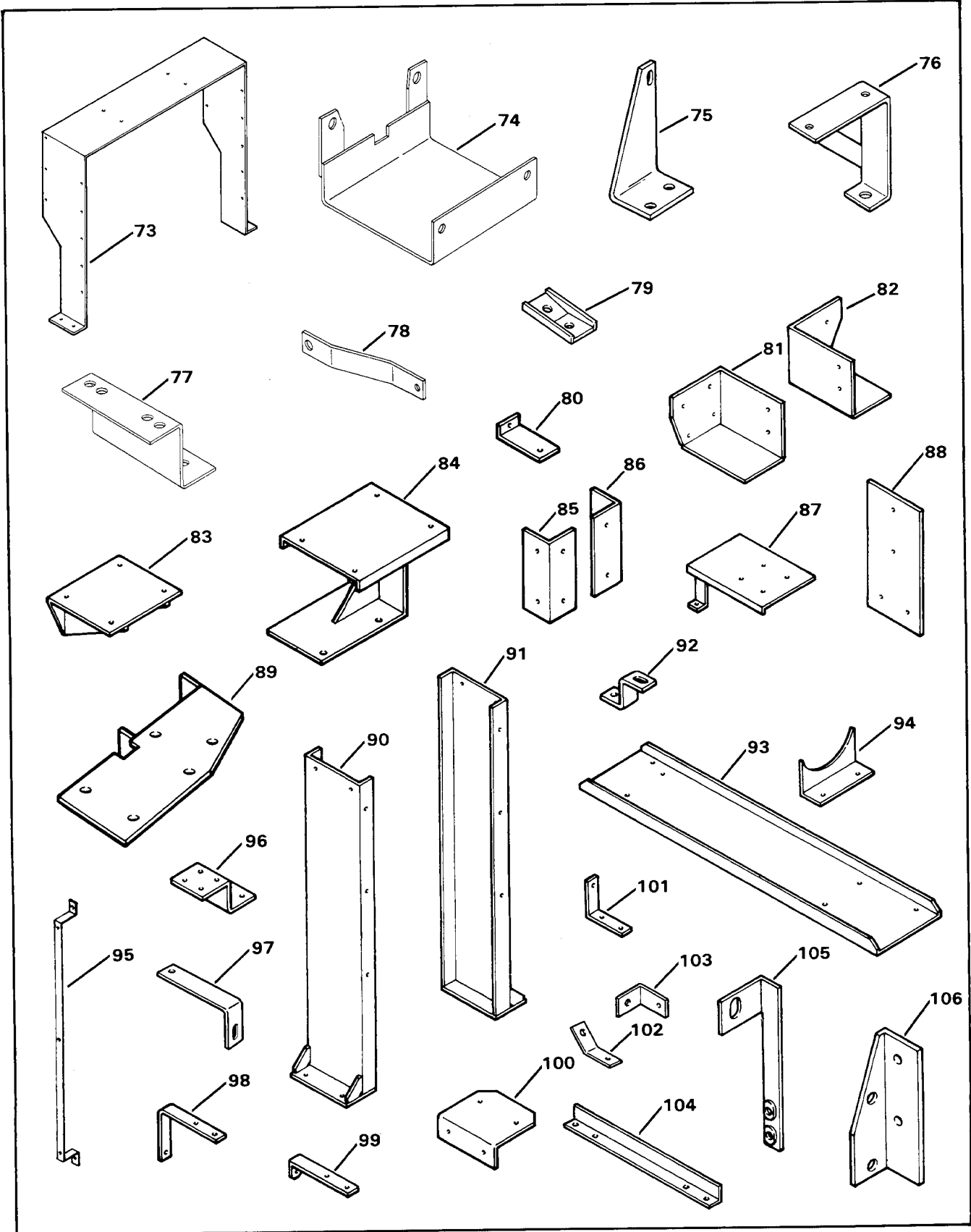
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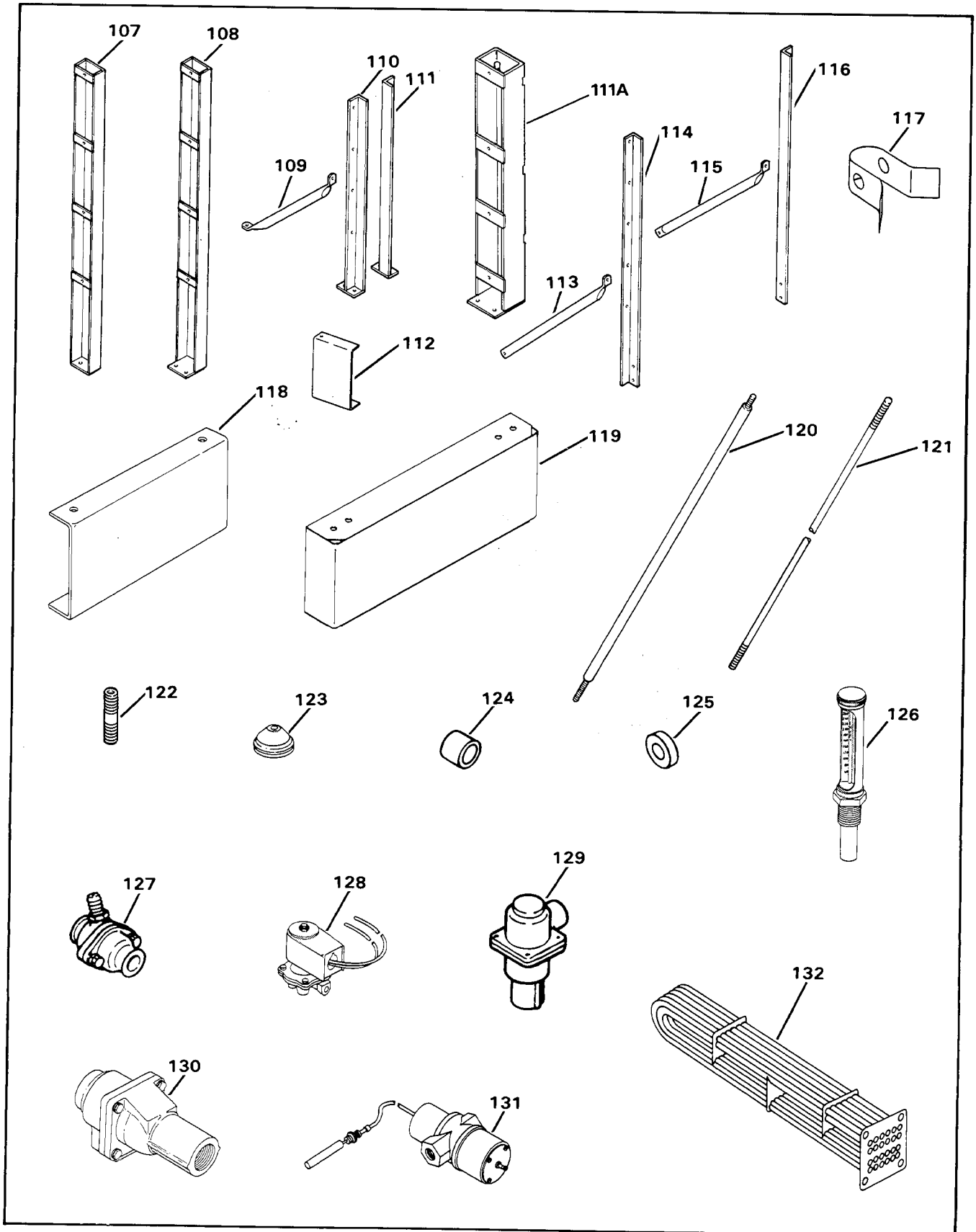
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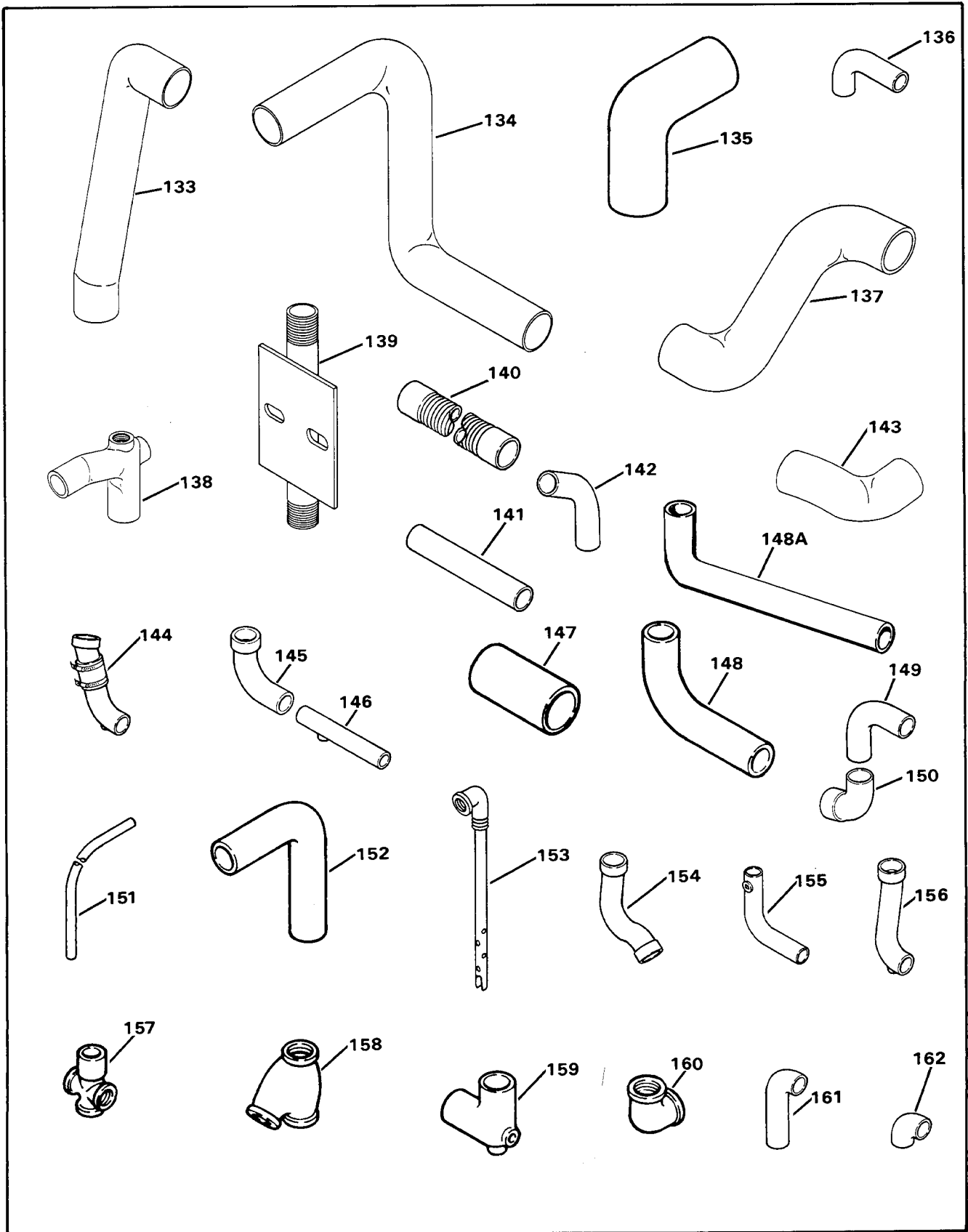
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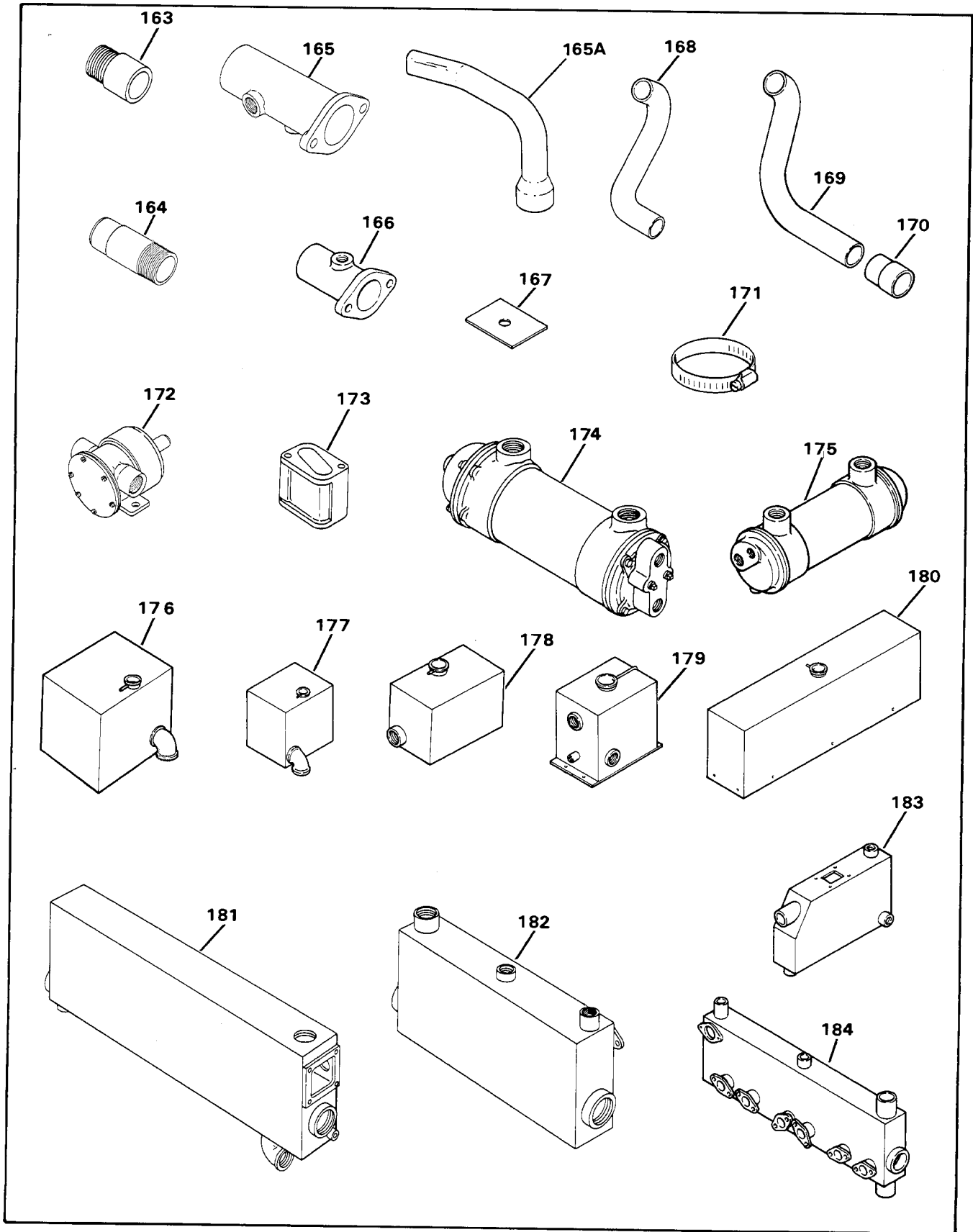


Cooling System 104



Cooling System

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STANDARD ENGINE

30 kW, 45 kW, 55 kW, 60 kW, 75 kW,
(D3400T), 130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
White D2300X208	Engine, 30 kW, marine	not shown		White D3300TX254	Engine, 60 kW, diesel (spec series 1755)	not shown	
White D2300X230	Engine, 30 kW, diesel	not shown		White D3400TX254	Engine, 75 kW, diesel	not shown	
White G2300X310	Engine, 30 kW, gasoline	not shown		John Deere 6531A	Engine, 130 kW	not shown	
White D3400X228	Engine, 45 kW, diesel	not shown		John Deere 6466A	Engine, 150 kW	not shown	
White G3400X298	Engine, 45 kW, gasoline	not shown		233442	Cranking relay	52	30
White G3400X310	Engine, 55 kW, gasoline	not shown		291049	Bracket	53	50
White D3000TX215	Engine, 60 kW, diesel (spec series 80)	not shown		233712	Diode	52	36

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290640	Cover, flywheel housing (disc.)	51	10	265941	Resistor, 10 ohm	52	38
Chrysler H440	Engine	not shown		283741	Rectifier	52	32
X-405-2	Strip, terminal	52	37	290690	Bracket, relay (disc.)	53	58
233442	Relay, cranking	52	30	233712	Diode	52	36
243321	Washer, resistor (2)	52	39				

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-405-2	Terminal, strip	52	37	Ford 460	Engine	not shown	
233442	Relay (before serial No. 085934)	52	30	291384	Housing, flywheel (disc.)	51	1
291891	Relay (after serial No. 085934)	52	30	291385	Adapter, crankshaft (disc.)	51	5
243321	Washer resistor	52	39	291386	Ring, tolerance (disc.)	51	6
283741	Rectifier	52	32	A-291387	Governor (disc.)	51	4
290690	Relay, bracket (disc.)	53	58	291388	Belt, V (disc.)	51	8
265941	Resistor, 10 ohm	53	38	291390	Bracket, governor mounting (disc.)	53	57

Engine 105

STANDARD ENGINE

75 kW (D4800), 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
235496	Spring, throttle	51	14	233712	Diode	52	36
A-265323	Relay, cranking	52	30	291037	Bracket, manifold mounting (disc.)	53	68
286222	Bracket, spring (stop) (disc.)	53	55	White D4800X174	Engine, 75 kW		not shown
286332	Spring, stop	51	14	White D4800X198	Engine, 100 kW		not shown
291048	Bracket, spring throttle (disc.)	53	63				
291049	Bracket, relay	53	50				
291010	Manifold, water temperature switch	51	18				

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287468	Shield, heat (2) (disc.)	51	17	283741	Rectifier	52	32
X-405-2	Strip, terminal	52	37	290690	Bracket, relay (disc.)	53	58
233442	Relay, cranking	52	30	IHUV 549	Engine		not shown
243321	Washer, resistor (2)	52	39	233712	Diode	52	36
265941	Resistor, 10 ohm	52	38				

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	291048	Bracket, spring throttle (disc.)	53	63
235496	Spring, throttle	51	14	291049	Bracket, relay	53	50
286222	Bracket, spring stop (disc.)	53	55	White D4800X180	Engine		not shown
286332	Spring, stop	51	14	233712	Diode	52	36

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
268371	Relay, cranking	52	30	233712	Diode	52	36
291049	Bracket, relay mounting	53	50	John Deere 6619A	Engine		not shown

STANDARD ENGINE

160 kW, 180 kW, 250 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Cummins NT855G2	Engine, 160 kW, 180 kW	not shown		233712	Diode	52	36
Cummins NT855G3	Engine, 250 kW	not shown		289203	Grommet	52	44
Cummins NTA855G	Engine, 275 kW	not shown		291725	Harness, wiring	52	44A

230 kW, 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Cummins NT855G	Engine, 230 kW	not shown		Cummins NTA855G	Engine, 260 kW	not shown	
233712	Diode	52	36				

250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-265323	Relay	52	30	Allis Chalmers 25000	Engine	not shown	
285738	Bracket, terminal block	53	64	290396	Shield, heat (city water cooled) (disc.)	51	2
280714	Bracket, relay (disc.)	53	54				
Allis Chalmers 21000	Engine	not shown					

Engine 105

ENGINE, NFPA

30 kW, 45 kW, 55 kW, 60 kW
60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
See standard listing for parts. Block heaters listed on page 49							

70 kW, Chrysler

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
See standard listing for parts. Block heaters listed on page 49							

70 kW, Ford

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290359	Rheostat	52	31	Ford 460	Engine	not shown	
233442	Relay, cranking (before serial no. 085934)	52	30	291384	Housing, flywheel (disc.)	51	1
291891	Relay, cranking (after serial no. 085934)	52	30	291385	Adapter, crankshaft (disc.)	51	5
X-405-2	Strip, terminal	52	37	291386	Ring, tolerance (disc.)	51	6
243321	Washer, resistor insulating (2)	52	39	291494	Control unit	52	40
265941	Resistor	52	38	280996	Actuator	52	48
283741	Rectifier	52	32	291496	Pickup, magnetic	52	33
A-291898	Relay assembly (Includes relay, terminal strip, washer, resistor, rectifier and relay bracket) (disc.)	not shown		291497	Bracket, actuator	53	65
				233712	Diode	52	36

75 kW (D4800), 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
235496	Spring, throttle	51	14	291037	Bracket, manifold mounting (disc.)	53	68
245804	Box, conduit	52	43	291048	Bracket, spring throttle (disc.)	53	63
245958	Cover, conduit box	52	42	291049	Bracket, relay	53	50
A-265323	Relay, cranking	52	30	291088	Tube, water	51	19
286222	Bracket, spring stop (disc.)	53	55	White D4800X174	Engine, 75 kW	not shown	
286332	Spring, stop	51	14	White D4800X198	Engine, 100 kW	not shown	
A-289340	Thermostat	51	12	233712	Diode	52	36
291010	Manifold, water temperature switch	51	18				

ENGINE, NFPA

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287468	Shield, heat (2) (disc.)	51	17	265941	Resistor, 10 ohm	52	38
IHUV 549	Engine	not shown		283741	Rectifier	52	32
233442	Relay	52	30	290690	Bracket, relay (disc.)	53	58
X-405-2	Strip, terminal	52	37	233712	Diode	52	36
243321	Washer, resistor insulating (2)	52	39				

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	291048	Bracket, spring (disc.)	53	63
235496	Spring	51	14	291049	Bracket, relay	53	50
245804	Box, conduit	52	43	White D4800X180	Engine	not shown	
245958	Cover, conduit box	52	42	233712	Diode	52	36
286222	Bracket, spring (disc.)	53	55	A-290988	Heater, block	51	16
286332	Spring	51	14	290697	Bracket, block heater	53	67
A-289340	Thermostat	51	12				

130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Solenoid	52	30	291049	Bracket, relay mounting	53	50
245804	Box conduit junction	52	43	John Deere 6466a	Engine, 150 kW	not shown	
245958	Cover, conduit box	52	42	233712	Diode	52	36
280905	Line, fuel	51	24	290697	Bracket, block heater	53	67
A-289340	Thermostat	51	12	A-290988	Heater, block	51	16
John Deere 6531a	Engine, 130 kW	not shown					

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
245804	Conduit box	52	43	John Deere 6619a	Engine	not shown	
245958	Cover, conduit box	52	42	291049	Bracket, relay mounting	53	50
268371	Relay, cranking	52	30	A-289341	Heater, block	51	16
A-289340	Thermostat	51	12	290697	Bracket, block heater	53	67
280905	Line, fuel	51	24				
233712	Diode	52	36				

Engine 105

ENGINE, NFPA

230 kW, 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
245804	Conduit box	52	43	233712	Diode	52	36
245958	Cover, conduit box	52	42	Cummins NT855G	Engine, 230 kW		not shown
A-289340	Thermostat	51	12	Cummins NTA855G	Engine, 260 kW		not shown
280905	Line, fuel	51	24	291526	Pipe, by-pass	51	23

250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
245804	Conduit box	52	43	A-289340	Thermostat	51	12
245958	Cover, conduit box	52	42	Allis Chalmers 21000	Engine		not shown
265461	Line, flex	51	24	Allis Chalmers 25000	Engine		not shown
285738	Bracket, term. block mounting	53	64	290714	Bracket, relay (disc.)	53	54
				A-265323	Relay	52	30

ENGINE, WITH ISOCHRONOUS GOVERNOR 30 kW, Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	White D2300X230	Engine	not shown	
243488	Grommet	52	45	291049	Bracket, relay	53	50
246114	Block, terminal	52	37	291195	Bracket, actuator (disc.)	53	62
285738	Plate, terminal block	53	64	290357	Actuator	52	47
286799	Linkage, actuator	51	9	290358	Pick-up, magnetic	52	33
286867	Connector assembly	52	28	290359	Rheostat	52	31
286995	Capacitor (disc.)	52	29	291494	Unit, control	52	40
287731	Bracket, block heater	53	66	A-290538	Block heater	51	15
289203	Grommet	52	44	230456	Spacer (2)	51	13
290117	Kit, electric governor (disc.)	51	21	233712	Diode	52	36
290124	Connector	52	28				

45 kW (D3400), Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	A-290538	Heater, block (120V)	51	15
286496	Bracket, actuator mounting	53	52	290357	Actuator	52	47
286867	Connector assembly (actuator)	52	28	290358	Pick-up, magnetic	52	33
289203	Grommet	52	44	290359	Rheostat	52	31
290123	Linkage, actuator (disc.)	51	9	White D3400X228	Engine	not shown	
291049	Bracket, cranking relay	53	50	291494	Unit, control	52	40
287731	Bracket, block heater	53	66	230456	Spacer	51	13
				233712	Diode	52	36
				A-290885	Heater, block (240V)	51	15

45 kW (G3400), Barber Colman

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	291763	Pick-up, magnetic	52	35
246886	Transformer	52	46	291764	Lever, output shaft (disc.)	51	3
White G3400X298	Engine	not shown		291766	Control, load pulse (disc.)	52	41
291049	Bracket, relay	53	50	291767	Bracket, governor (disc.)	53	69
291761	Box, governor control	52	27	233712	Diode	52	36
291762	Actuator	52	26				

Engine 105

ENGINE, WITH ISOCHRONOUS GOVERNOR 55 kW (G3400), Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	291494	Unit, control	53	50
233712	Diode	52	36	280996	Actuator	52	48
286867	Connector	52	28	291767	Bracket, governor mounting (disc.)	53	54A
289203	Grommet	52	44	291911	Plate, governor mounting (disc.)	53	55A
290358	Pick-up, magnetic	52	33	White G3400X310	Engine		not shown
290359	Rheostat	52	31				
291049	Bracket, relay	53	50				

60 kW (D3000T), Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	290123	Linkage, actuator (disc.)	51	9
243488	Grommet	52	45	290124	Connector	52	28
246114	Strip, terminal	52	37	290117	Kit, governor (disc.)	51	21
280561	Label, water drain	51	25	White D3000TX215	Engine		not shown
285738	Plate, terminal strip	53	64	290357	Actuator	52	47
286496	Bracket, actuator mounting	53	52	290358	Pick-up, magnetic	52	33
286867	Connector	52	28	290359	Rheostat	52	31
286995	Capacitor (disc.)	52	29	291494	Control unit	52	40
291049	Bracket, cranking relay	53	50	287731	Bracket, block heater	53	66
289203	Grommet	52	44	A-290538	Block heater	51	15

60 kW (D3300T), 75 kW (D3400T), Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287731	Bracket, block heater	53	66	230456	Spacer	51	13
233442	Relay, cranking	52	30	290358	Pick-up, magnetic	52	33
286496	Bracket, actuator mounting	53	52	290359	Rheostat	52	31
286867	Connector assembly (actuator)	52	28	291049	Bracket, cranking relay	53	50
289203	Grommet	52	44	White D3400TX254	Engine, 75 kW		not shown
290123	Linkage, actuator (disc.)	51	9	White D3300TX254	Engine, 60 kW		not shown
290357	Actuator	52	47	291494	Unit, control	52	40
				233712	Diode	52	36
				A-290538	Block heater	51	15

ENGINE, WITH ISOCHRONOUS GOVERNOR 70 kW (Ford), Bosch Electronic Governor

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286733	Stud (disc.)	51	11	283741	Rectifier	52	32
286867	Connector	52	28	290690	Bracket, relay (disc.)	53	58
289203	Grommet	52	44	Ford 460	Engine	not shown	
290359	Rheostat	52	31	291384	Housing, flywheel (disc.)	51	1
233442	Relay (before serial #085934)	52	30	291385	Adapter, crankshaft (disc.)	51	5
291891	Relay (after serial #085934)	52	30	291386	Ring, tolerance (disc.)	51	6
X-405-2	Strip, terminal	52	37	291494	Control	52	40
243321	Washer, resistor insulating (2)	52	39	280996	Actuator	52	48
265941	Resistor, 10 ohm	52	38	291496	Pick-up, magnetic	52	33
				291497	Bracket, actuator	53	65
				233712	Diode	52	36

75 kW (D4800), 100 kW (D4800T), Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
223022	Mount, vibration	51	7	291041	Bracket, actuator mounting	53	59
235496	Spring, throttle	51	14	291042	Bracket, control mounting	53	53
246114	Strip, terminal	52	37	291048	Bracket, throttle spring (disc.)	53	63
A-265323	Relay, cranking	52	30	291049	Bracket, relay	53	50
286222	Bracket, stop spring (disc.)	53	55	245804	Box, conduit	52	43
286332	Spring, stop	51	14	245958	Cover, conduit box (disc.)	52	42
286799	Linkage, actuator	51	9	A-289340	Thermostat	51	12
286995	Capacitor (disc.)	52	29	291087	Bracket, block heater	53	60
290117	Kit, governor (disc.)	51	21	291088	Tube, water	51	19
290124	Connector assembly	52	28	White D4800X174	Engine, 75 kW	not shown	
290309	Connector assembly	52	28	White D4800X198	Engine, 100 kW	not shown	
291010	Manifold, temperature switch	51	18	A-289341	Heater, block	51	16
291037	Bracket, manifold mounting (disc.)	53	68	290357	Actuator	52	47
233712	Diode	52	36	290358	Pick-up, magnetic	52	33
286867	Connector assembly	52	28	290359	Rheostat	52	31
291869	Bracket, block heater	53	67	291494	Control unit	52	40

100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233712	Diode	52	36	IHUV C-605	Engine	not shown	
286867	Connector	52	28	291997	Bracket, governor mounting (disc.)	53	68A
290359	Rheostat	52	31	245804	Box, junction	52	43
A-290689	Relay	52	30	245958	Cover, junction box (disc.)	52	42
280996	Actuator	52	48	A-289340	Thermostat	51	12
290358	Pick-up, magnetic	52	33	A-289341	Block heater	51	16
291621	Shield, heat (disc.)	52	66A	291642	Bracket, block heater (disc.)	53	67
253455	Controller, electronic	53	40				

Engine 105

ENGINE, WITH ISOCHRONOUS GOVERNOR 125 kW, Bosch "C" Version

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Relay, cranking	52	30	245804	Box, conduit	52	43
286222	Bracket, stop spring (disc.)	53	55	245958	Cover, conduit box (disc.)	52	42
286332	Spring, stop	51	14	A-289340	Thermostat	51	12
286799	Linkage, actuator	51	9	A-289341	Block heater	51	15
286867	Connector assembly	52	28	290697	Bracket, block heater	53	67
291041	Bracket, actuator mounting	53	59	290359	Rheostat	52	31
289203	Grommet	52	44	291048	Bracket, spring (disc.)	53	63
290357	Actuator	52	47	291049	Bracket, relay	53	50
290358	Pick-up, magnetic	52	33	White D4800X180	Engine		not shown
235496	Spring	51	14	291494	Control unit	52	40
				233712	Diode	52	36

150 kW, Barber Colman Governor

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Solenoid	52	30	291839	Kit, interface (disc.)	51	20
233712	Diode	52	36	291840	Bracket, relay (disc.)	53	61
245748	Relay	52	34	291842	Bracket, governor mounting (disc.)	53	49
John Deere 6466A	Engine		not shown	291846	Actuator (disc.)	52	26
291761	Box, governor control	52	27	280905	Line, fuel	51	24
291764	Lever, output shaft (disc.)	51	3	A-289340	Thermostat	51	12
245804	Box, conduit	52	43	A-290988	Block heater (230V)	51	16
245958	Cover, conduit box (disc.)	52	42	290697	Bracket, block heater	53	67
291763	Pick-up, magnetic	52	35				

175 kW, Barber Colman

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233913	Relay, cranking	52	34	233712	Diode	52	36
245804	Box, conduit	52	43	291763	Pick-up, magnetic	52	35
245958	Cover, conduit box (disc.)	52	42	291764	Lever, output shaft (disc.)	51	3
268371	Relay	52	30	291837	Actuator	52	26
280905	Line, fuel	51	24	291838	Bracket, mounting (disc.)	53	51
286733	Rod, governor (disc.)	51	11	291839	Kit, interface (disc.)	51	20
A-289340	Thermostat	51	12	291840	Bracket, relay (disc.)	53	61
John Deere 6619A	Engine		not shown	A-289341	Heater, block	51	16
291884	Box, governor control	52	27	290697	Bracket, block heater	53	67

BLOCK HEATERS

30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290538	Heater Kit (NFPA Specs, 115 Volts)	51	15	A-290885	Heater Kit (230 Volt)	51	15
				287731	Bracket, block heater	53	66

45 kW, 55 kW, 60 kW, 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290538	Heater Kit (NFPA Specs, 115 Volt)	51	15	A-290885	Heater Kit (230 Volt)	51	15
				287731	Bracket, block heater	53	66

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290885	Heater Kit, (NFPA)	51	15	290539	Bracket, block heater (disc.)	53	56

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290538	Heater Kit (NFPA Specs, 115 Volt)	51	15	A-290885	Heater Kit (230 Volt)	51	15
				287731	Bracket, block heater	53	66

75 kW D4800, 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-289341	Heater Kit (NFPA Specs, 115 Volt)	51	16	291869	Bracket, block heater (2) (use with 34x96" skids only)	53	60
A-290988	Heater Kit (230 Volt)	51	16				
291087	Bracket, block heater (2)	53	60				

Engine 105

BLOCK HEATERS

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290538	Heater Kit (NFPA Specs, 115 Volt)	51	15	A-290885	Heater Kit (230 Volt)	51	15
				287731	Bracket, block heater	53	66

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-289341	Heater Kit (NFPA Specs, 115 Volt)	51	16	A-290988	Heater Kit (230 Volt)	51	16
				290697	Bracket, block heater	53	67

130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-289341	Heater Kit (NFPA Specs, 115 Volt)	51	16	A-290988	Heater Kit (230 Volt)	51	16
				290697	Bracket, block heater	53	67

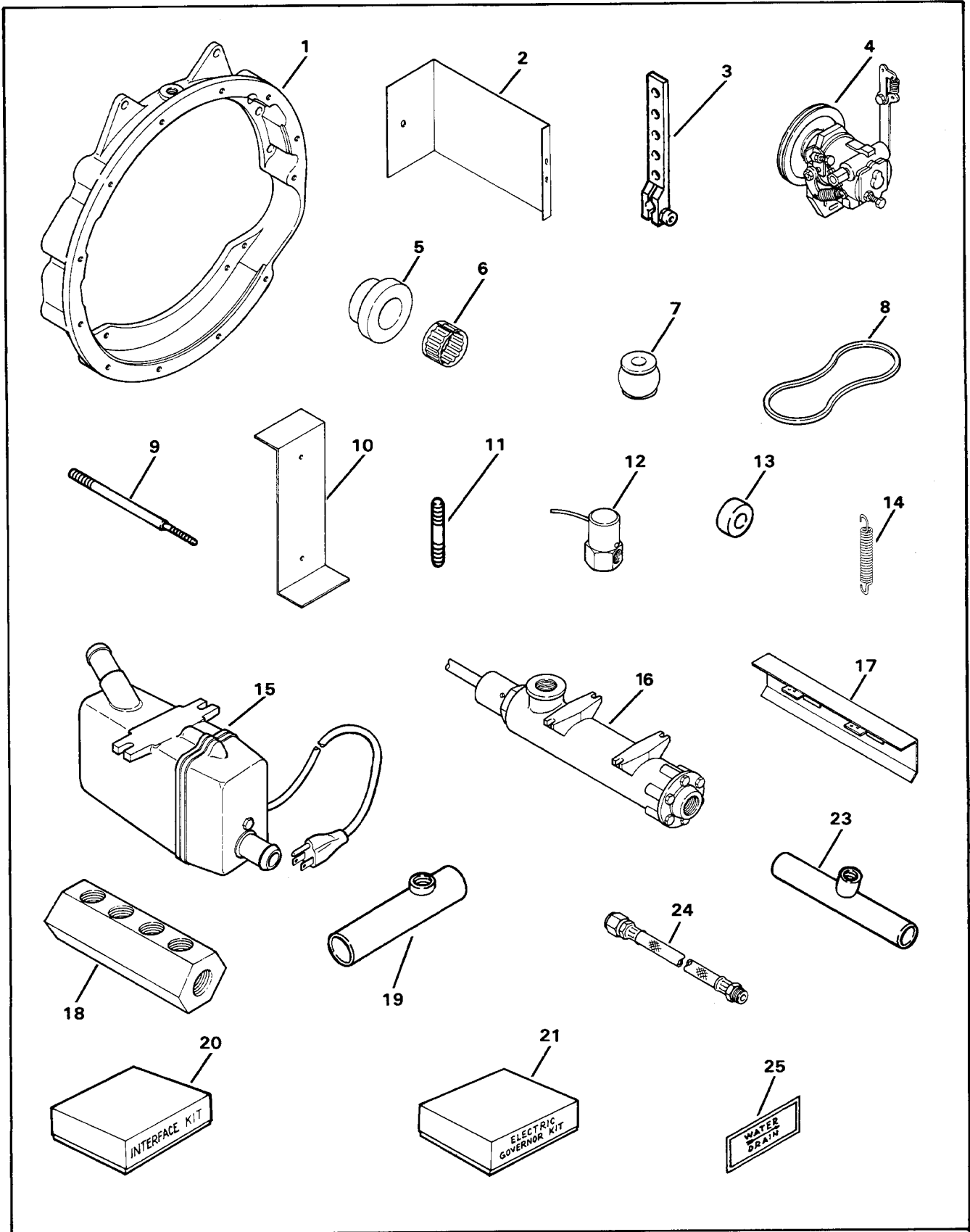
175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-289341	Heater Kit (NFPA Specs, 115 Volt)	51	16	A-290988	Heater Kit (230 Volt)	51	16
				290697	Bracket, block heater	53	67

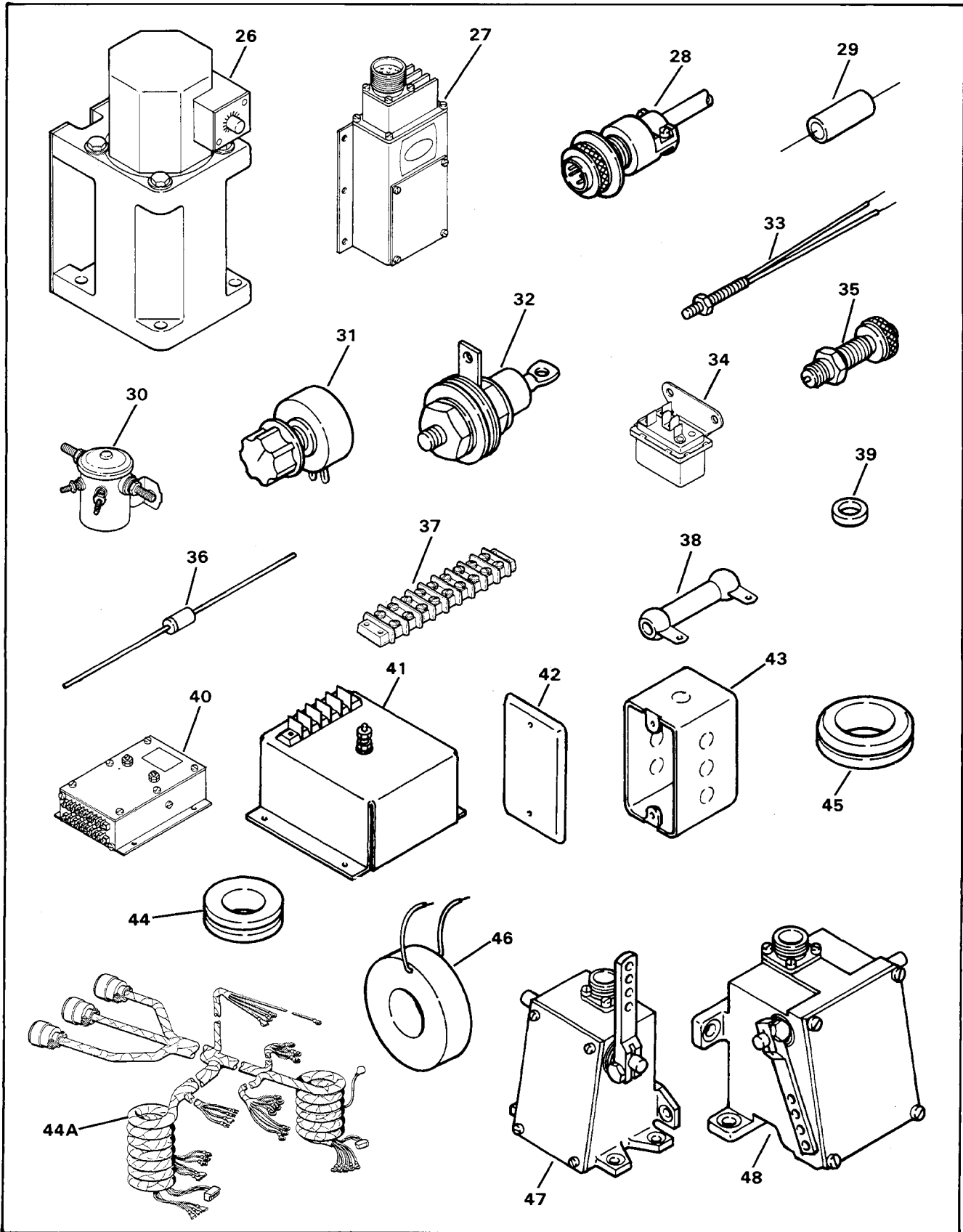
160 kW, 180 kW, 230 kW, 250 kW (21000), 250 kW, 260 kW, 275 kW

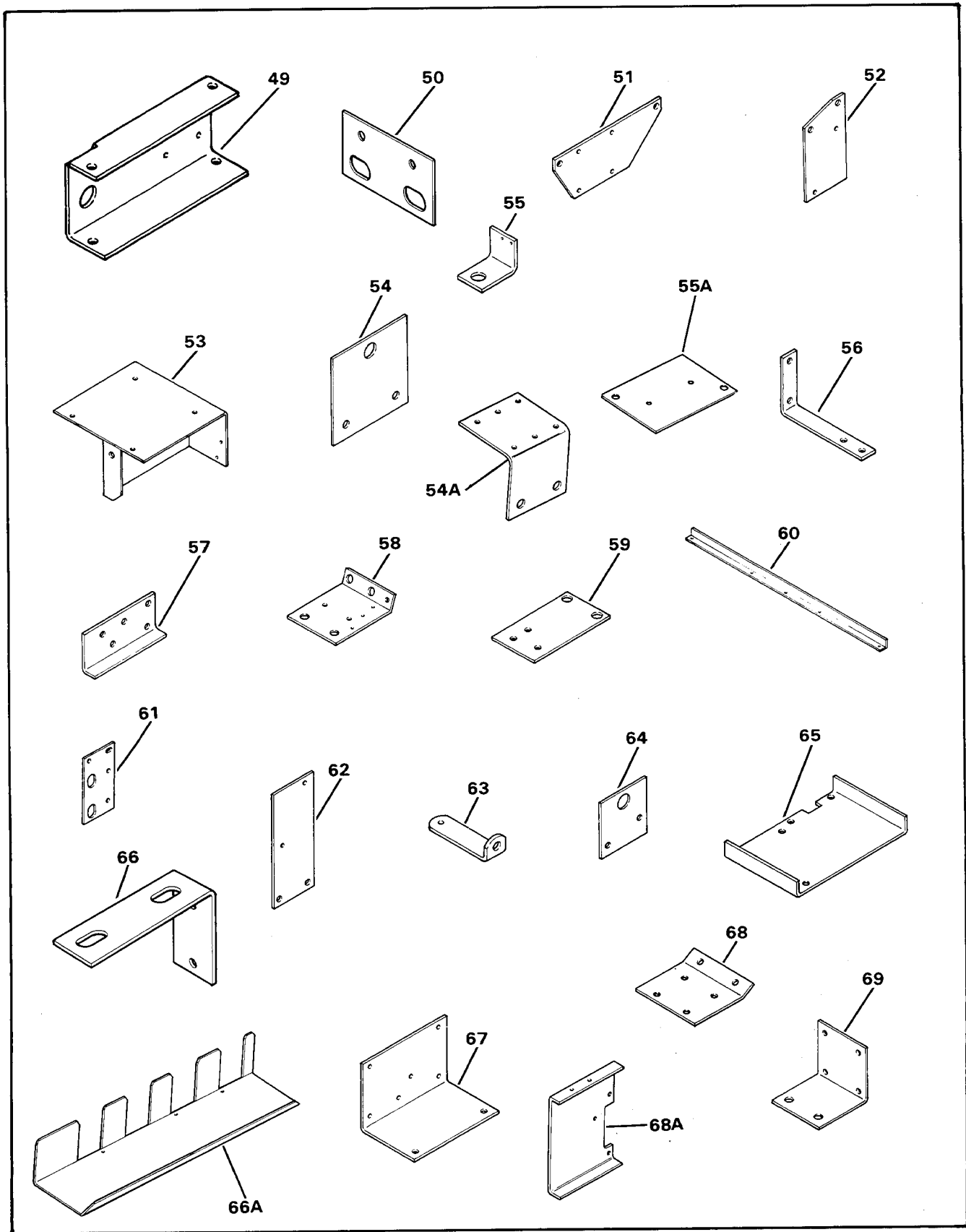
Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-289341	Heater Kit (NFPA Specs, 115 Volt)	51	16	A-290988	Heater Kit (230 Volt)	51	16
				290697	Bracket, block heater	53	67

Engine 105



Engine 105





Notes

Low Oil Pressure Switch

108

30 kW, 45 kW, 55 kW, 60 kW (D3000T), 130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
264390	Sender, oil pressure	59	1	271662	Switch, low oil pressure	59	3
267548	Block, oil gauge	59	5	271425	Switch, anticipatory	59	2

70 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
248044	Block, oil gauge (disc.)	59	5	271662	Switch, low oil pressure	59	3
264390	Sender, oil pressure	59	1	271425	Switch, anticipatory	59	2

60 kW (D3300T), 75 kW, 100 kW (D4800T), 125 kW, 175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
264390	Sender, oil pressure	59	1	289055	Pipe (2) (D4800 & D4800T engine only)	59	4
271662	Switch, oil pressure	59	3	271425	Switch, anticipatory	59	2

85 kW, 100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
264390	Sender, oil pressure	59	1	271662	Switch, low oil pressure	59	3
265826	Manifold, oil pressure gauge	59	5	271425	Switch, anticipatory	59	2

160 kW, 180 kW, 250 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
264390	Sender, oil pressure	59	1	271662	Switch, low oil pressure	59	3

230 kW, 250 kW (21000), 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
264390	Sender, oil pressure gauge	59	1	289282	Switch, anticipatory (230 kW, 260 kW)	59	2
271662	Switch, low oil pressure	59	3	271425	Switch, anticipatory (250 kW)	59	2
289055	Nipple, pipe heavy	59	4				

Skid and Mounting 109

30 kW (Marine)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
237451	Mount, tee (6)	59	4	290449	Plate, rear mounting (2) (disc.)	59	9
237452	Mount, cup (6)	59	3	290450	Bracket, front mounting (disc.)	59	19
259193	Spring (6)	59	2	290451	Skid (disc.)	60	26
287363	Strap, ground	59	15	X-400-82	Spacer (4)	59	14

30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, oil drain plug (2)	59	11	287363	Strap, ground (gasoline)	59	15
244210	Damper, vibro (4)	59	1	290429	Skid (36")	60	31
285753	Bushing, oil drain	59	6	291686	Skid (34")	60	31
290418	Strap, ground (diesel)	59	15				

45 kW, 55 kW, 60 kW (D3000T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, oil drain plug(2)	59	11	286020	Mount, vibro (2) (Control- er end, small)	59	5
244210	Mount, vibro (2)(Radiator end)	59	1	287363	Strap, ground	59	15
285753	Bushing, oil drain	59	6	290362	Skid (36") (disc.)	60	30
286019	Mount, vibro (2) (Control- ler end, large)	59	5	291487	Skid (34") (disc.)	60	28

60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, drain plug (2)	59	11	286020	Mount, vibro (2) (Control- ler end, small)	59	5
244210	Mount, vibro (Radiator end)	59	1	287363	Strap, ground	59	15
285753	Bushing, oil drain	59	6	291487	Skid (disc.)	60	28
286019	Mount, vibro (2) (Control- ler end, large)	59	5				

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-577-25	Hose, oil	59	13	286019	Mount, vibro (2) (large)	59	5
241062	Plug, drain	59	12	286020	Mount, vibro (2) (small)	59	5
241063	Gasket, drain plug (2)	59	11	287363	Strap, ground	59	15
285753	Bushing, oil drain	59	6	290409	Skid (disc.)	60	23

Skid and Mounting 109

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	59	12	287363	Strap, ground	59	15
241063	Gasket, oil drain	59	11	291393	Skid (disc.)	60	29
286019	Mount, vibro (4) (large)	59	5	291394	Support, engine (2) (disc.)	59	17
286020	Mount, vibro (4) (small)	59	5				

75 kW (D4800), 100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, drain plug (3)	59	11	291866	Skid (use with spec series 1274) (disc.)	60	27
285753	Bushing (2)	59	6	291052	Support, engine (RH) (disc.)	59	21
286019	Mount, vibro (4) (large)	59	5	291056	Support, engine (LH) (disc.)	59	22
286020	Mount, vibro (4) (small)	59	5	291200	Spacer, engine mounting (6) (disc.)	59	8
287363	Strap, ground	59	15				
291050	Skid (disc.)	60	24				

85 kW, 100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, drain plug (2)	59	11	287363	Strap, ground	59	15
285753	Bushing (2)	59	6	290374	Skid, 85 kW (disc.)	60	23
286019	Damper, vibro (2) (large)	59	5	291633	Skid, 100 kW	60	23
286020	Damper, vibro (2) (small)	59	5				

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, oil drain (3)	59	11	290418	Strap, ground	59	15
285753	Bushing (2)	59	6	291345	Skid	60	25
286019	Damper, vibro (6) (large)	59	5	291117	Elbow	59	10
286020	Damper, vibro (6) (small)	59	5	291201	Support, engine (2)	59	18

Skid and Mounting 109

130 kW, 150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	59	12	290418	Strap, ground	59	15
241063	Gasket, oil drain	59	11	290961	Skid (disc.)	60	25
286019	Damper, vibro (6) (large)	59	5	291117	Elbow	59	10
286020	Damper, vibro (6) (small)	59	5	291201	Support, engine (2)	59	18

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	59	12	290418	Strap, ground	59	15
241063	Gasket, drain plug	59	11	290701	Support, engine (2) (disc.)	59	16
286019	Damper, vibro (6) (large)	59	5	291117	Elbow	59	10
286020	Damper, vibro (6) (small)	59	5	290961	Skid (disc.)	60	25

160 kW, 180 kW, 250 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-577-28	Hose, oil proof	59	13	286020	Damper, vibration (6) (small)	59	5
151226	Bushing, reducing	59	7A	290418	Strap, ground	59	15
241062	Plug, drain	59	12	291493	Support, engine	59	20
241063	Gasket, drain plug	59	11	291505	Skid	60	25
286019	Damper, vibration (6) (large)	59	5				

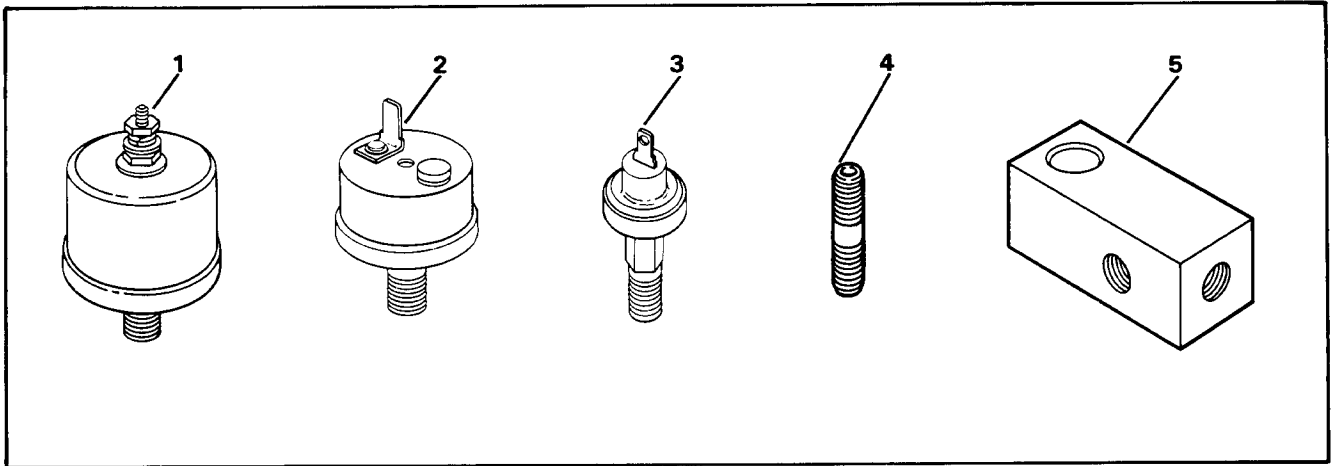
230 kW, 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	59	12	286819	Gasket, oil drain (disc.)	59	11
241063	Gasket, oil drain	59	11	290418	Strap, ground	59	15
286019	Damper, vibro (6) (large)	59	5	291505	Skid	60	25
286020	Damper, vibro (6) (small)	59	5	291493	Support, engine	59	20
286817	Bushing, oil drain	59	7				

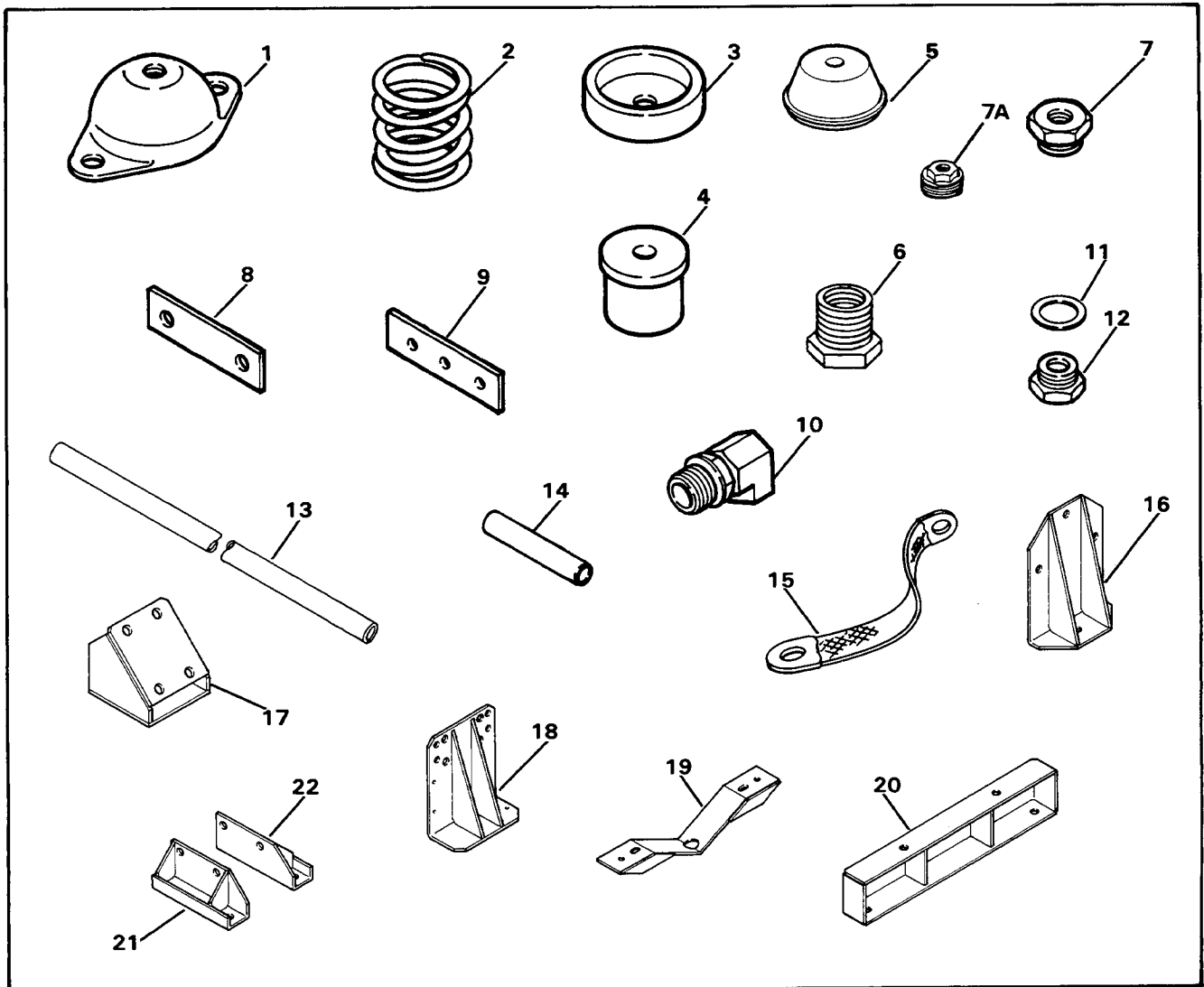
250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	59	12	286020	Damper, vibro (7) (small)	59	5
241063	Gasket, drain plug	59	11	290154	Bushing, reducer (disc.)	59	7
286019	Damper, vibro (7) (large)	59	5	290418	Strap, ground	59	15

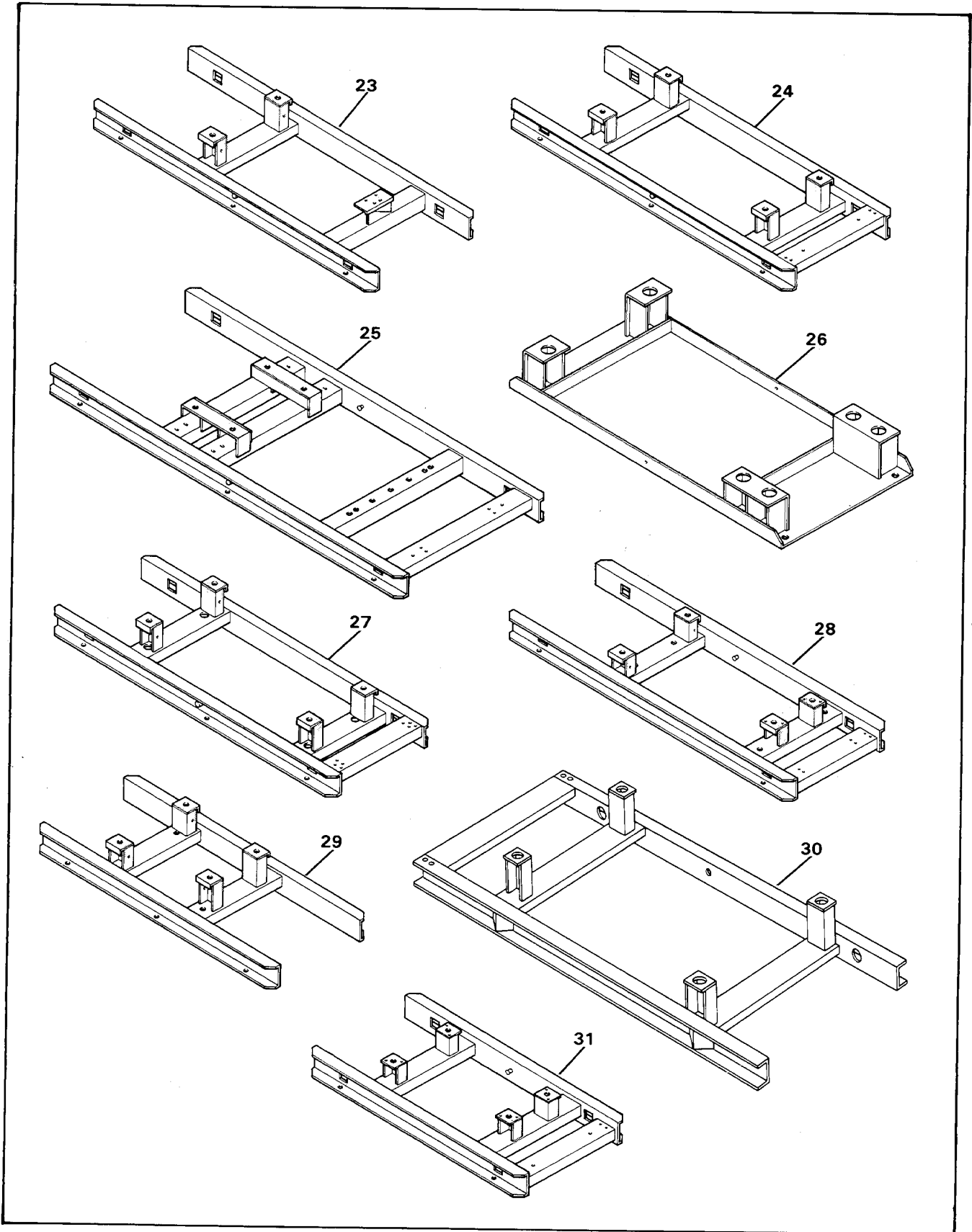
Low Oil Pressure Switch 108



Skid and Mounting 109



Skid and Mounting 109



Temperature Switches

110

30 kW, 45 kW, 55 kW,
75 kW (D4800), 100 kW (D4800T), 125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
240976	Switch, high water temperature	62	1	240977	Switch, anticipatory	62	1
268298	Sender, water temperature gauge	62	1	290090	Switch, low water temperature	62	2
				291088	Tube, water	62	5

60 kW, 70 kW (Chrysler), 70 kW (Ford)
75 kW (D3400T), 250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241481	Switch, high water temperature (218°)	62	1	290090	Switch, low water temperature	62	2
268298	Sender, water temperature gauge	62	1	291010	Manifold, water temperature switch	62	3
240976	Switch, anticipatory (205°)	62	1				

85 kW, 100 kW (C-605), 130 kW, 150 kW, 175 kW, 230 kW, 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
240976	Switch, high water temperature	62	1	291509	Bracket, manifold (disc.)	62	4
268298	Sender, water temperature gauge	62	1	240977	Switch, anticipatory (190°)	62	1
291010	Manifold, water temperature switch	62	3	290090	Switch, low water temperature	62	2

160 kW, 180 kW, 250 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241481	Switch, hi-temperature shutdown (218°)	62	1	268298	Sender, water temperature gauge	62	1

Starter 112

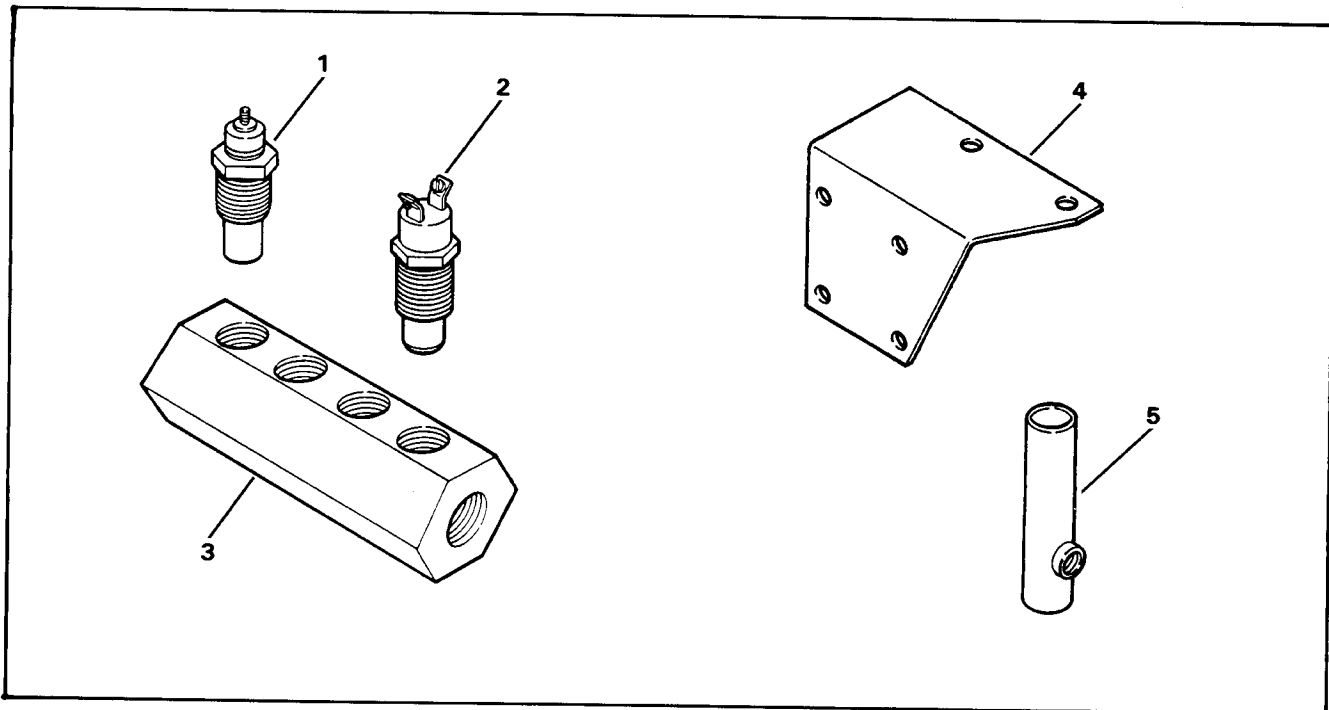
175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-290723	Starter assembly (disc.)	62	1				

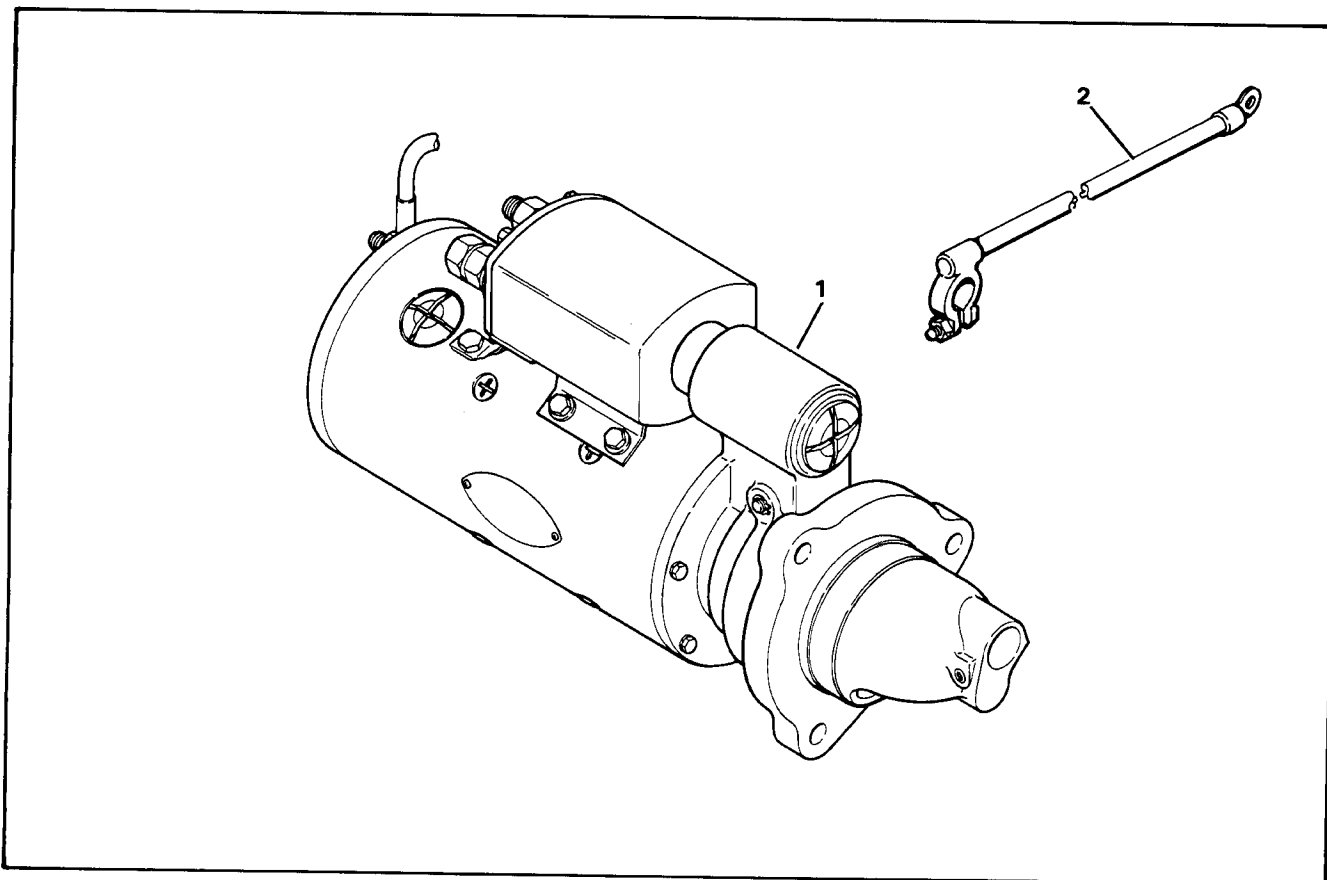
160 kW, 180 kW, 250 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-545-17	Cable, battery (+)	62	2	X-545-18	Cable, battery (-)	62	2

Temperature Switches 110



Starter 112



Alternator and Mounting 113

30 kW, 45 kW, 55 kW, 60 kW, 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290438	Guard, alternator	65	5	290445	Guard, alternator (city water cooled only)	65	4

30 kW, 45 kW (gasoline)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290067	Guard, alternator	65	6				

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285896	Fan (disc.)	65	3	291724	Arm, adjusting	65	11
290549	Pulley (disc.)	65	15	291887	Alternator (disc.)	65	2
290554	Belt	65	13				

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285896	Fan (disc.)	65	3	291724	Arm, adjustment	65	11
290549	Pulley (disc.)	65	15	255281	Alternator	65	2
291389	Belt, V	65	13	230578	Screw	65	12
291401	Bracket, alternator mounting (disc.)	65	10	280528	Spacer	65	19

75 kW, 100 kW, 125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291038	Guard, alternator (disc.)	65	7				

Alternator and Mounting 113

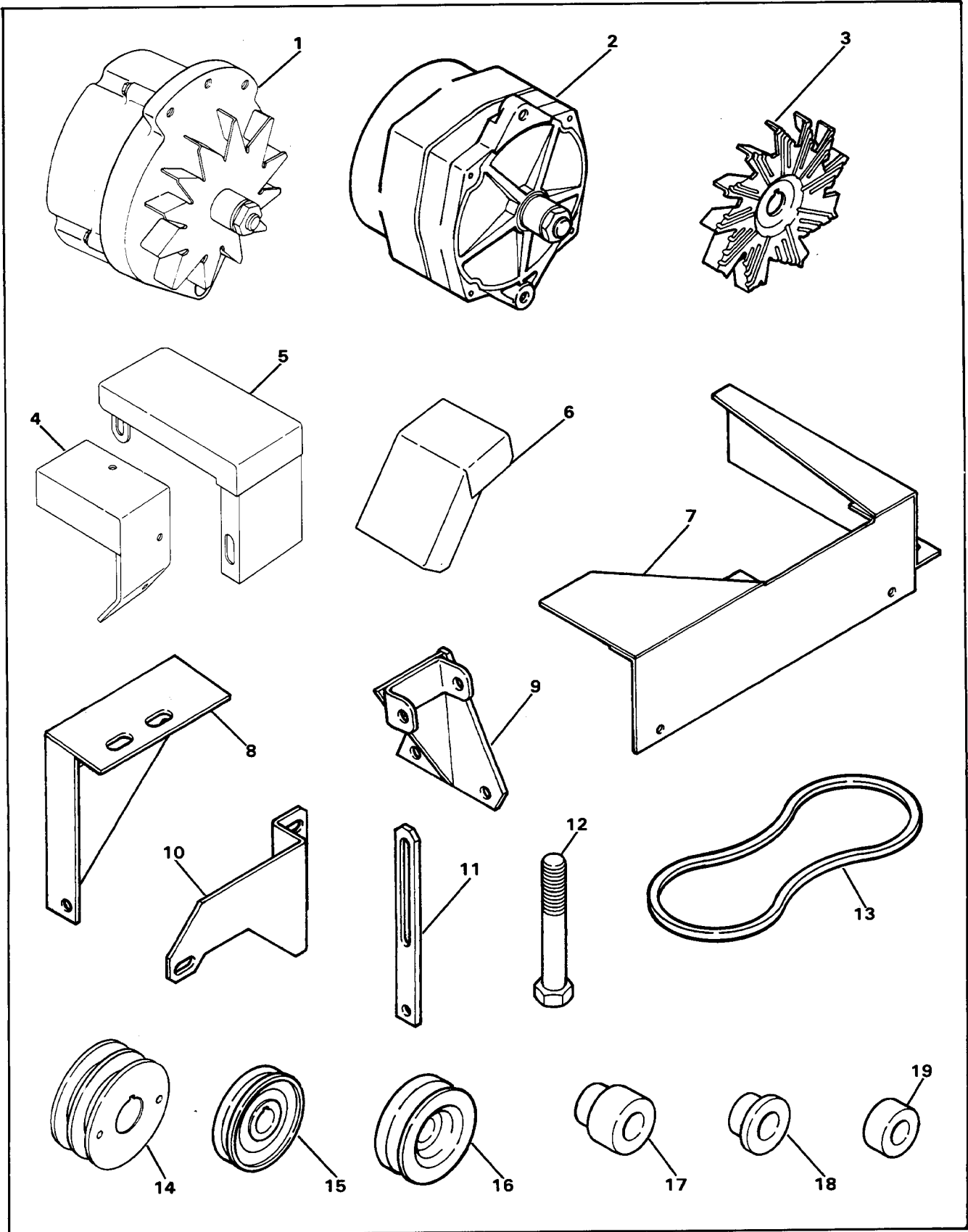
85 kW, 100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
285896	Fan, alternator (disc.)	65	3	286328	Bracket, alternator mounting (85 kW only)	65	9
285932	Pulley (85 kW)	65	16	286329	Arm, adjusting (85 kW only)	65	11
286327	Bracket, regulator	65	8				
291624	Pulley (100 kW) (disc.)	65	16	255281	Alternator		
291628	Guard, alternator (100 kW) (disc.)						

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290721	Pulley (disc.)	65	14	290955	Bushing (disc.)	65	18
A-290924	Alternator (disc.)	65	1	291192	Belt, V	65	13
290925	Bushing (disc.)	65	17	290067	Guard, alternator	65	6

Alternator and Mounting 113



Exhaust System

116

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286283	Clamp, exhaust (2)	67	6	287469	Shield, heat (LH)	67	8
286286	Clamp, exhaust pipe	67	6	290752	Branch, Y exhaust	67	1
286781	Pipe, exhaust	67	5	290753	Shield, heat (RH)	67	9

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
288827	Clamp, exhaust (3)	67	6	291444	Pipe, exhaust (disc.)	67	7
291442	Pipe, exhaust (LH) (disc.)	67	3	291781	Flange, exhaust (2) (disc.)	67	12
291443	Pipe, exhaust (RH) (disc.)	67	4	291480	Pipe, exhaust (bottom) (disc.)	67	2

70 kW Ford (City Water Cooled)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286283	Clamp, exhaust (4)	67	6	290752	Y Branch, exhaust	67	1
286286	Clamp, exhaust	67	6	290753	Shield, heat (RH)	67	9
286781	Line, exhaust flex.	67	5	291706	Shield, heat (LH) (disc.)	67	11
287469	Shield, water	67	8				

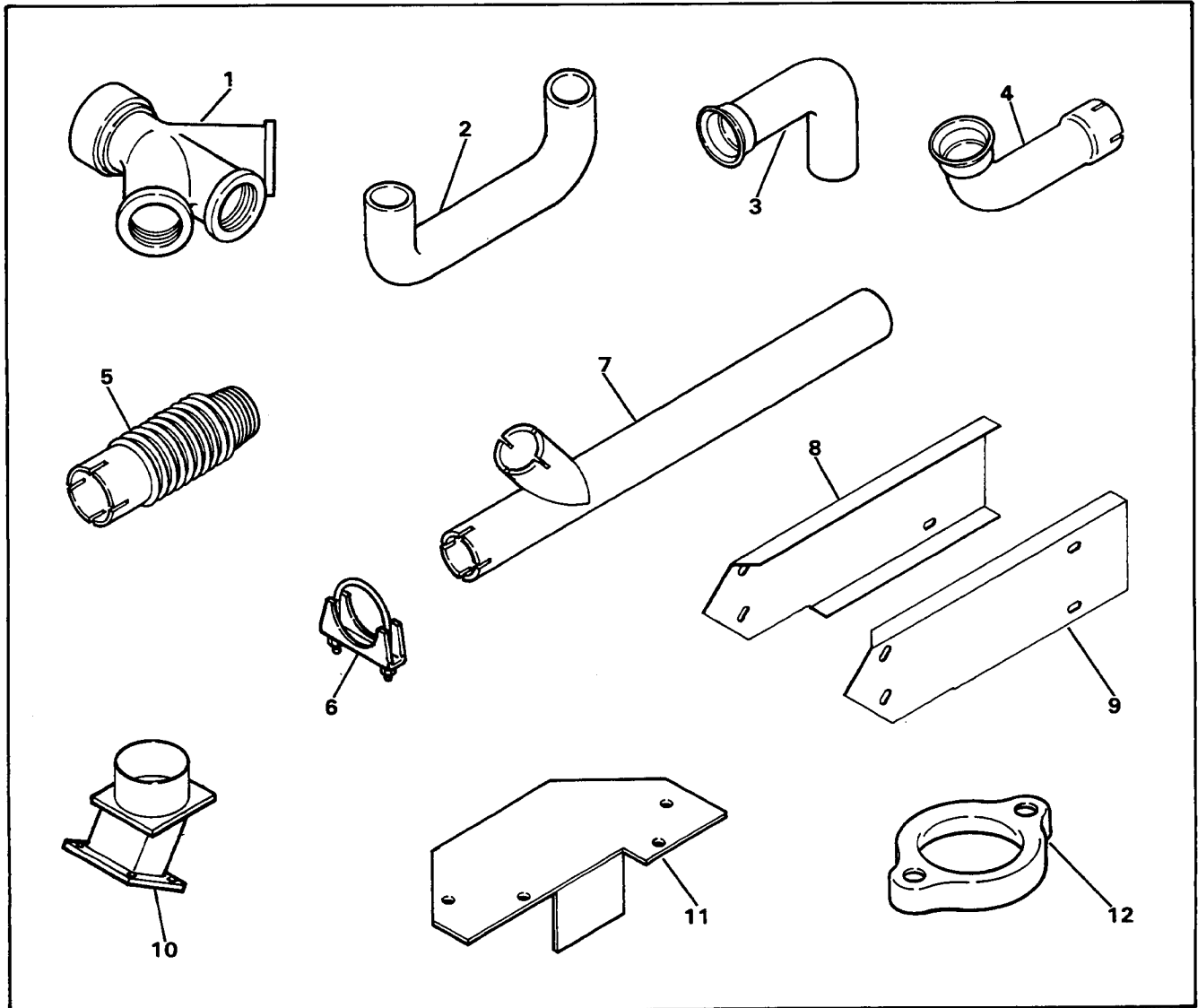
60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291180	Adapter, exhaust (disc.)	67	10				

160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291523	Insulator, manifold	not shown		291524	Insulator, turbo charger	not shown	

Exhaust System 116



Generator and Mounting 201

STATORS 30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287885	Stator, standard	81	14	A-287771	Board, stationary LED	81	18
287914	Stator, 600 volt (disc.)	81	14	241927	Sensor, speed	81	4
269890	Bracket, exciter	81	15	290465	Plate, sensor mounting	81	3
269541	Baffle, air (3) (disc.)	81	13				

45 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282673	Stator, standard	81	14	282670	Stator, specs: 781093a	81	14
282720	Stator, 600 volt (disc.)	81	14	282600	Adapter	81	12
282672	Stator, specs: 581073a, 581208a, 581213a, 581308a, 581328a, 581336a, 581339a, 581342a	81	14	282648	End, bracket	81	15
				A-287771	Board, stationary LED	81	18
				241927	Sensor, speed	81	4

55 kW, 60 kW (D3000T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282672	Stator, standard	81	14	282600	Adapter	81	12
282674	Stator, 600 volt	81	14	282648	End, bracket	81	15
282670	Stator, specs: 791085a, 791214a, 791215a, 791216a, 791314a, 791325a	81	14	A-287771	Board, stationary LED	81	18
				241927	Sensor, speed	81	4

60 kW (D3300T), 70 kW, 75 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282672	Stator, standard	81	14	282600	Adapter	81	12
282674	Stator, 600 volt	81	14	282648	Bracket, end	81	15
282670	Stator, specs: 14831a, 14826a, 174128a, 17589a, 175511a, 175562a	81	14	A-287771	Board, stationary LED	81	18
				241927	Sensor, speed	81	4

85 kW, 100 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282670	Stator, standard	81	14	282648	Bracket, end	81	15
282671	Stator, 600 volt (disc.)	81	14	A-287771	Board, stationary LED	81	18
282672	Stator, specs: 127293a,	81	14	241927	Sensor, speed	81	4
282600	Adapter	81	12				

Generator and Mounting 201

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287432	Stator, standard (disc.)	81	14	286002	Adapter, generator	81	12
287427	Stator, 600 volt (disc.)	81	14	282695	Bracket, end (disc.)	81	15
287424	Stator, specs: 10330a, 10381a, 10391a, 10394a (disc.)	81	14	A-287771	Board, stationary LED	81	18
287429	Stator, specs: 10333a, 10376a, 10390a, 10393a	81	14	241927	Sensor, speed	81	4

130 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287432	Stator, standard (disc.)	81	14	286002	Adapter, generator	81	12
287427	Stator, 600 volt (disc.)	81	14	282695	Bracket, end (disc.)	81	15
287424	Stator, specs: 137304a, 137306a, 137310a, (disc.)	81	14	A-287771	Board, stationary LED	81	18
				241927	Sensor, speed	81	4

150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287424	Stator, standard (disc.)	81	14	282695	Bracket, end (disc.)	81	15
287422	Stator, 600 volt (disc.)	81	14	A-287771	Board, stationary LED	81	18
286002	Adapter, generator	81	12	241927	Sensor, speed	81	4

160 kW, 180 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287424	Stator, standard	81	14	A-287771	Board, stationary LED	81	18
286002	Adapter, generator	81	12	241623	Sensor, speed	82	44
282696	Bracket, end	81	15				

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287424	Stator, standard (disc.)	81	14	287430	Stator, specs: 14645a, 146125a	81	14
287422	Stator, 600 volt (disc.)	81	14	286002	Adapter, generator	81	12
287429	Stator, specs: 14620a, 14644a, 146104a, 146109a, 146132a, 146133a	81	14	282695	Bracket, end (disc.)	81	15
				A-287771	Board, stationary LED	81	18
				241927	Sensor, speed	81	4

Generator and Mounting 201

230 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287429	Stator, standard	81	14	286002	Adapter, generator	81	12
287430	Stator, NFPA specs	81	14	282695	Bracket, end (disc.)	81	15
287423	Stator, 600 volts	81	14	A-287771	Board, stationary LED	81	18
287424	Stator, specs: 98225a (disc.)	81	14	241927	Sensor, speed	81	4

250 kW (21000)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287429	Stator, standard	81	14	289313	Adapter, generator	81	12
287430	Stator, specs: 128218a, 128221a, 128227a	81	14	282695	Bracket, end (disc.)	81	15
287423	Stator, specs: 128202a 128225a	81	14	241927	Sensor, speed	81	4
				A-287771	Board, stationary LED	81	18

250 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287429	Stator, standard	81	14	282696	Bracket, end	81	15
287430	Stator, NFPA	81	14	A-287771	Board, stationary LED	81	18
286002	Adapter, generator	81	12	241623	Sensor, speed	82	44

260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287429	Stator, standard	81	14	282695	Bracket, end (disc.)	81	15
287430	Stator, NFPA specs	81	14	241927	Sensor, speed	81	4
287423	Stator, specs: 14722a 14723a	81	14	A-287771	Board, stationary LED	81	18
289313	Adapter, generator	81	12				

275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287429	Stator, standard	81	14	282696	Bracket, end	81	15
287430	Stator, NFPA	81	14	A-287771	Board, stationary LED	81	18
289313	Adapter, generator	81	12	241623	Sensor, speed	82	44

Generator and Mounting 201

ROTORS COMPLETE

30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-269942	Rotor	81	11	A-287769	Board, photo sensing	81	17
262128	Disc, drive (3)	81	23	291475	Screw, set	81	16
269566	Fan, generator	81	21				

45 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282718	Rotor, standard	81	11	282724	Guard, fan	81	19
C-282716	Rotor, specs: 781093a, 781101a	81	11	290399	Fan, generator	81	21
C-282717	Rotor, specs: 581073a, 581208a, 581213a, 581308a, 581328a, 581336a, 581339a, 581342a	81	11	282505	Disc, drive	81	23
				291475	Screw, set	81	16
				A-287769	Board, photo sensing	81	17

55 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282717	Rotor, standard	81	11	282724	Guard, fan	81	19
C-282716	Rotor, specs: 791085a, 791214a, 791215a, 791216a, 791314a, 791325a	81	19	290399	Fan, generator	81	21
				282505	Disc, drive	81	23
				291475	Screw, set	81	16
				A-287769	Board, photo sensing	81	17

60 kW (D3000T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282717	Rotor, standard	81	11	282505	Disc, drive	81	23
282724	Guard, fan	81	19	291475	Screw, set	81	16
290399	Fan, generator	81	21	A-287769	Board, photo sensing	81	17

60 kW (D3300T), 75 kW (D3400T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282717	Rotor, standard	81	11	290399	Fan, generator	81	21
C-282716	Rotor, specs: 17589a, 175511a, 175562a	81	11	291475	Screw, set	81	16
282724	Guard, fan	81	19	A-287769	Board, photo sensing	81	17
				282505	Disc, drive	81	23

Generator and Mounting 201

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282717	Rotor, standard	81	11	282505	Disc, drive	81	23
282724	Guard, fan	81	19	291475	Screw, set	81	16
290399	Fan, generator	81	21	A-287769	Board, photo sensing	81	17

70 kW (Ford)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-291396	Rotor, standard (disc.)	81	11	282505	Disc, drive	81	23
B-282774	Rotor, specs: 174128a (disc.)	81	11	291475	Screw, set	81	16
291729	Guard, fan (disc.)	81	19	A-287769	Board, photo sensing	81	17
291397	Fan, generator (disc.)	81	21				

75 kW (D4800)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282723	Rotor, standard	81	11	290399	Fan, generator	81	21
C-282716	Rotor, specs: 14826a, 14831a	81	11	282505	Disc, drive	81	23
282724	Guard, fan	81	19	291475	Screw, set	81	16
				A-287769	Board, photo sensing	81	17

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282716	Rotor, standard	81	11	282505	Disc, drive	81	23
282724	Guard, fan	81	19	291475	Screw, set	81	16
290399	Fan, generator	81	21	A-287769	Board, photo sensing	81	17

100 kW (D4800T)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282716	Rotor, standard	81	11	282505	Disc, drive	81	23
B-282723	Rotor, specs: 127293a	81	11	291475	Screw, set	81	16
282724	Guard, fan	81	19	A-287769	Board, photo sensing	81	17
290399	Fan, generator	81	21				

100 kW (C-605)

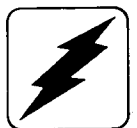
Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
C-282716	Rotor, standard	81	11	282505	Disc, drive	81	23
282724	Guard, fan	81	19	291475	Screw, set	81	16
290399	Fan, generator	81	21	A-287769	Board, photo sensing	81	17

KOHLER GENERATORS

parts listing for

FASTRESPONSE

all models



Parts Identification/How to Use This Book

1. Record your model and specification number of generator set.
2. Identify the group in which the parts needed are located.
3. Turn to page where your group is located. Find your model number in the listing. Under specific model find the part numbers needed.
4. For illustrations refer to indicated page and reference number associated with part number.

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Generator and Mounting 201

125 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282708	Rotor, standard	81	11	289078	Fan, generator	81	21
B-282705	Rotor, specs: 10330a, 10381a, 10391a, 10394a	81	11	287100	Disc, drive	81	23
A-282695	Rotor, specs: 10333a, 10376a, 10390a, 10393a	81	11	286035	Screen, adapter	81	20
285595	Stud, flywheel (8)	81	22	291475	Screw, set	81	16
				A-287769	Board, photo sensing	81	17
				282700	Housing, bearing grease	81	2

130 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282708	Rotor, standard	81	11	287100	Disc, drive	81	23
B-282705	Rotor, specs: 137301a, 137304a, 137305a, 137306a	81	11	286035	Screen, adapter	81	20
285595	Stud, flywheel (8)	81	22	291475	Screw, set	81	16
289078	Fan, generator	81	21	A-287769	Board, photo sensing	81	17
				282700	Housing, bearing grease	81	2

150 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282705	Rotor, standard	81	11	291475	Screw, set	81	16
285595	Stud, flywheel (8)	81	22	A-287769	Board, photo sensing	81	17
289078	Fan, generator	81	21	282700	Housing, bearing grease	81	2
287100	Disc, drive	81	23				
286035	Screen, adapter	81	20				

160 kW, 180 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282705	Rotor	81	11	286035	Screen, adapter	81	20
285595	Stud, flywheel (8)	81	22	291475	Screw, set	81	16
289078	Fan, generator	81	21	A-287769	Board, photo sensing	81	17
287100	Disc, drive (4)	81	23	282700	Housing, bearing grease	81	2

Generator and Mounting 201

175 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282705	Rotor, standard	81	11	287100	Disc, drive	81	23
A-282695	Rotor, specs: 14620a, 14644a, 14645a, 146104a, 146109a, 146125a, 146132a, 146133a	81	11	286035	Screen, adapter	81	20
				291475	Screw, set	81	16
285595	Stud, flywheel (8)	81	22	A-287769	Board, photo sensing	81	17
289078	Fan, generator	81	21	282700	Housing, bearing grease	81	2

230 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282692	Rotor, standard	81	11	291475	Screw, set	81	16
285595	Stud, flywheel	81	22	A-287769	Board, photo sensing	81	17
289078	Fan, generator	81	21	282700	Housing, bearing grease	81	2
287100	Disc, drive	81	23				
286035	Screen, adapter	81	20				

250 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282692	Rotor	81	11	286035	Screen, adapter	81	20
285595	Stud, flywheel (8)	81	22	291475	Screw, set	81	16
289078	Fan, generator	81	21	A-287769	Board, photo sensing	81	17
287100	Disc, drive (4)	81	23	282700	Housing, bearing grease	81	2

250 kW (21000), 260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282692	Rotor, standard	81	11	291475	Screw, set	81	16
289305	Fan, generator	81	21	A-287769	Board, photo sensing	81	17
287100	Disc, drive	81	23	282700	Housing, bearing grease	81	2
289303	Screen, adapter	81	20				

275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-282692	Rotor	81	11	289303	Screen, adapter	81	20
285595	Stud, flywheel (8)	81	22	291475	Screw, set	81	16
289305	Fan, generator	81	21	A-287769	Board, photo sensing	81	17
287100	Disc, drive (4)	81	23	282700	Housing, bearing grease	81	2

ROTOR PARTS (Rotor Assembly Only) A-269942

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
269835	Actuator	81	5	X-758-2	Bearing, ball	81	1
269943	Sink, heat	81	9	X-269-35	Ring, retaining (disc.)	81	6
291932	Module, power	81	8				

B-282692

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282690	Heat sink	81	9	287168	Damper, vibration	82	43
282772	FR Activator	81	8	A-287702	Armature	81	7
282701	Bearing, ball	81	1				

B-282705

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282690	Heat sink	81	9	287168	Damper, vibration	82	43
282772	FR Activator	81	8	A-287702	Armature	81	7
282701	Bearing, ball	81	1				

B-282708

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-37	Retaining ring	81	6	A-287702	Armature	81	7
282690	Heat sink	81	9	282940	F.R. Activator kit	81	8
282701	Bearing	81	1	282699	Seal, bearing grease	81	2

C-282716

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-36	Retaining ring	81	6	A-282653	Armature	81	7
X-758-3	Bearing	81	1	282940	F.R. Activator kit	81	8
282650	Actuator	81	5	282641	Heat sink	81	9

Generator and Mounting 201

C-282717

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-36	Retaining ring	81	6	282641	Heat sink	81	9
X-758-3	Bearing	81	1	282650	Actuator	81	5
282940	F.R. Activator kit	81	8	A-282653	Armature	81	7

C-282718

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-36	Retaining ring	81	6	282641	Heat sink	81	9
X-758-3	Bearing	81	1	282650	Actuator	81	5
282940	F.R. Activator kit	81	8	A-282653	Armature	81	7

B-282723

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-36	Retaining ring	81	6	282650	Actuator	81	5
X-758-3	Bearing	81	1	A-282653	Armature	81	7
282641	Heat sink	81	9	282940	F.R. Activator kit	81	8

B-282774

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-36	Retaining ring	81	6	282650	Actuator, magnetic	81	5
X-758-3	Bearing	81	1	A-282653	Armature	81	7
282641	Heat sink	81	9	282940	F.R. Activator kit	81	8

B-291396

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-269-36	Retaining ring	81	6	282650	Actuator	81	5
X-758-3	Bearing	81	1	A-282653	Armature	81	7
282641	Heat sink	81	9	282940	F.R. Activator kit	81	8

Current Transformers & Safeguard Breakers

Rating	Generator Model	Voltage	Current Transformer	Safeguard Breaker
30kW	4N7	208, 240, 480Y	3-246884	X-796-2
		240 Δ	3-246886	X-796-2
		120/240 10	2-246887	X-796-1
45kW	4R4	208, 240, 480Y	3-246885	X-796-1
		240 Δ	3-246887	X-796-1
		120/240 10	2-246888	X-796-1
55-75kW	4R6	208, 240, 480Y	3-246886	X-796-2
		240 Δ	3-246889	X-796-2
		120/240 10	2-246889	X-796-2
85-100kW	4R8	208, 240, 480Y	3-246887	X-796-2
		240 Δ	3-248874	X-796-2
		120/240 10	2-248875	X-796-1
125-130kW	4T5	208, 240, 480Y	3-246888	X-796-2
150-180kW	4T7	208, 240, 480Y	3-246889	X-796-6
		240 Δ	3-248875	X-796-2
230-275kW	4T10	208, 240, 280Y	3-248876	X-796-6
		240 Δ	3-248875	X-796-2
			3-291546	X-796-2

Generator Enclosures

Model	Old Enclosure Spec Numbers	New Enclosure Spec Numbers
30kW Gasoline & Diesel		Std for all
45kW Diesel	58100a - 581199a	581200a & up
45kW Gasoline	781000a - 781199a	781200a & up
55kW	79100a - 791199a	791200a & up
60kW (D3000T)	80 - All Specs	None
60kW (D3300T)	175501a - 175549a	175550a & up
70kW (Chrysler)	129 - All Specs	None
70kW (Ford)	17401a - 17449a	17450a & up
75kW (D4800)	148 - All Specs	None
75kw (D3400T)	17501a - 17549a	17550a & up
85kW	571000a - 571199a	57200a & up
100kW	127200a - 127299a	127300a & up
125kW	10300a - 10349a	10350a & up
130kW	137300a - 137350a	None
150kW	137500a - 137599a	137600a & up
160kW	None	982001 & up
175kW	14600a - 14699a	146100a & up
180kW	None	981001 & up
230kW	98200a - 98299a	98300a & up
250kW	128 - All Specs	109101 & up
260kW	14700a - 14750a	174100a & up
275kW	None	147200 & up

NOTE: See page 78 for listing of enclosure parts.

Generator and Mounting 201

ENCLOSURE PARTS

All 30 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
269897	Box, junction	82	26	269902	Support, junction box	82	42
269898	Cover, generator end	82	41	269903	Cover, junction box (2) (disc.)	82	34
269899	Louver (2)	82	24	269908	Guard, generator fan (disc.)	81	19
269945	Closure, junction box (RH)	82	25	289307	Terminal	82	35
269901	Closure, junction box (LH)	82	25	269905	Bracket, 600 volt transformer (disc.)	82	30

Old 45-100 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
282675	Junction box			282680	Guard, generator		
282676	Door (2)			282722	Door, junction box (RH)		
282677	Door, junction box (LH)		not illustrated	282711	Bracket, 600 volt transformer (disc.)		not illustrated
282678	Cover, generator			282709	Terminal (disc.)		
282679	Louver (2)						

Old 125-260 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
289771	Door, junction box (LH)			289307	Terminal		
290932	Door, junction box (RH)			291350	Support, junction (125 kW & 250 kW) (disc.)		
289769	Cover, generator end			291406	Support, junction (130, 150, 175, 230 & 260 kW)		not illustrated
289768	Junction box (disc.)		not illustrated				
289770	Door, junction box (2)						
289772	Louver (2)						
289773	Guard, generator						
282711	Bracket, 600 volt transformer (disc.)						

New 45-100 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
291788	Guard, generator	82	38	291785	Bracket, 600 volt, transformer (disc.)	82	30
291792	Door, junction box (2)	82	34	291795	Box, junction	82	26
291990	Cover, generator	82	41	282709	Terminal (disc.)	82	35

Generator and Mounting 201

New 125-275 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
290391	Guard, generator	82	36	291350	Support, junction (125 kW & 250 kW) (disc.)	82	27
291829	Box, junction	82	26	291406	Support, junction (130, 150, 175, 230 & 260 kW)	82	27
291830	Door, junction box (2)	82	34	289307	Terminal	82	35
291831	Cover, generator end	82	41				
291832	Guard, generator	82	38				
282711	Bracket, 600 volt, transformer (disc.)	82	30				

30-260 kW (600 Volt Only)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
289946	Transformer (120 volt-25A)	82	28	283714	Transformer (3) (120 volt-10A)	82	31
266118	Strip, terminal	82	29	243488	Grommet (45-260 kW)	82	33
				243319	Grommet (30 kW)	82	33

TRIPLE VOLTAGE

30 kW

Description	Part Number	Description	Part Number
Breaker, field circuit	X-796-2	Panel assembly, with switch (disc.)	A-291183
Insulator (6)	233568	Washer, insulating (6)	243321
Grommet	243319	Resistor, 1250 ohm (2)	243354
Transformer (3)	246884	Resistor	243976
Panel assembly, side	A-291146	Light, indicator (3)	283419
Connector (9) (disc.)	291140	Switch, interlock (disc.)	291155
Panel, side (disc.)	291154	Lamp (3) (disc.)	291167
Stud (10) (disc.)	291158	Door, junction box (disc.)	291182
Stud (4) (disc.)	291173	Bracket, mounting (disc.)	291184
		Cover, junction box (disc.)	291185

Generator and Mounting 201

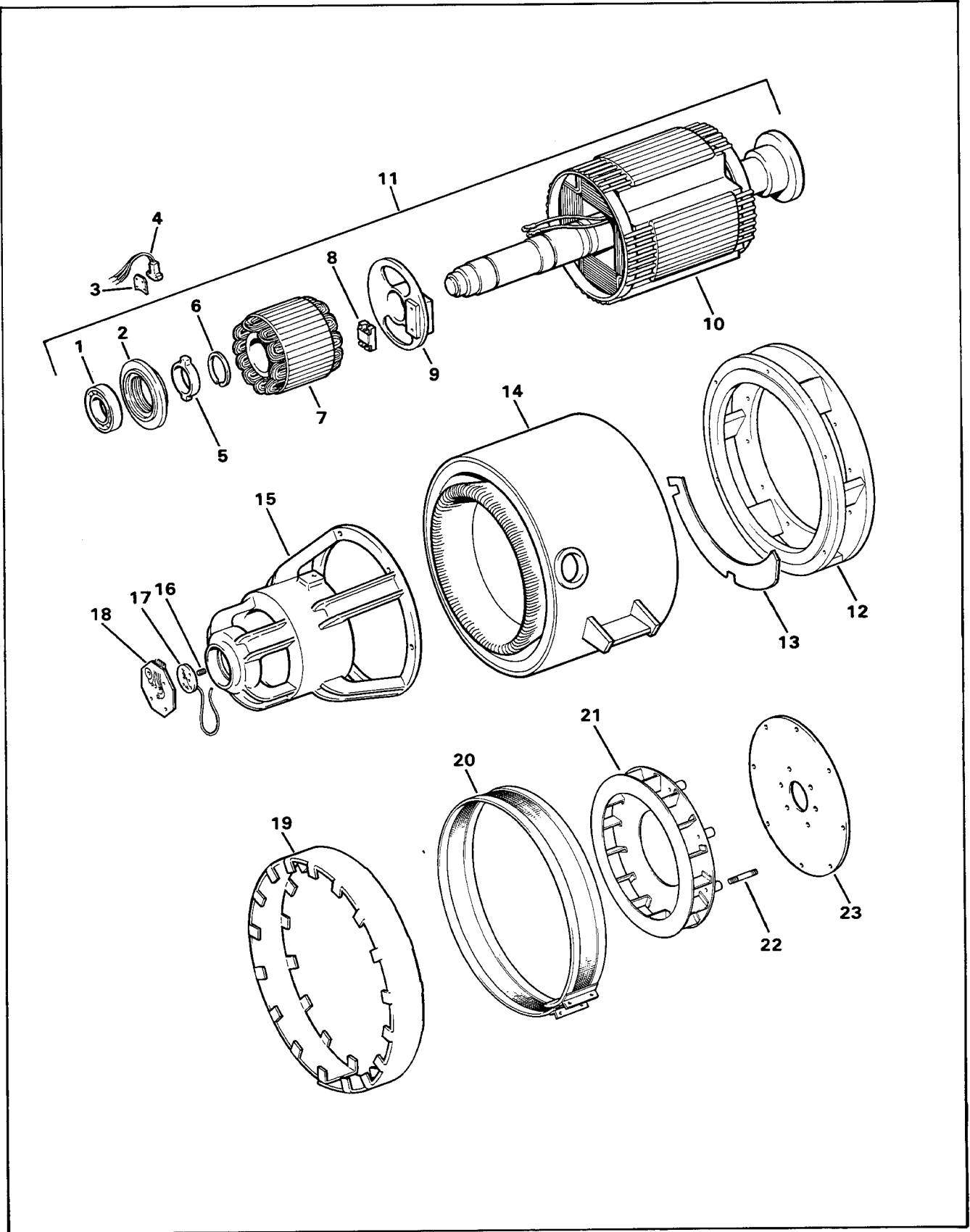
45 kW, 60 kW

Description	Part Number	Description	Part Number
Breaker, field (45 kW)	X-796-1	Door, junction box (disc.)	291153
Breaker, field (60 kW)	X-796-2	Switch, interlock (disc.)	291155
Insulator (6)	233568	Decal, voltage (disc.)	291156
Grommet	243319	Lamp (3) (disc.)	291167
Transformer, current (3) (45 kW)	246885	Cover, junction box	291144
Transformer, current (3) (60 kW)	246886	Bracket, connection board (2)	291145
Panel assembly with switch (disc.)	A-291141	Panel assembly, side	A-291146
Resistor, 1250 ohm (2)	243354	Connector (9) (disc.)	291140
Washer, insulating (6)	243321	Panel, side (disc.)	291154
Resistor	243976	Stud (10) (disc.)	291158
Light, indicator (3)	283419	Stud (4) (disc.)	291173

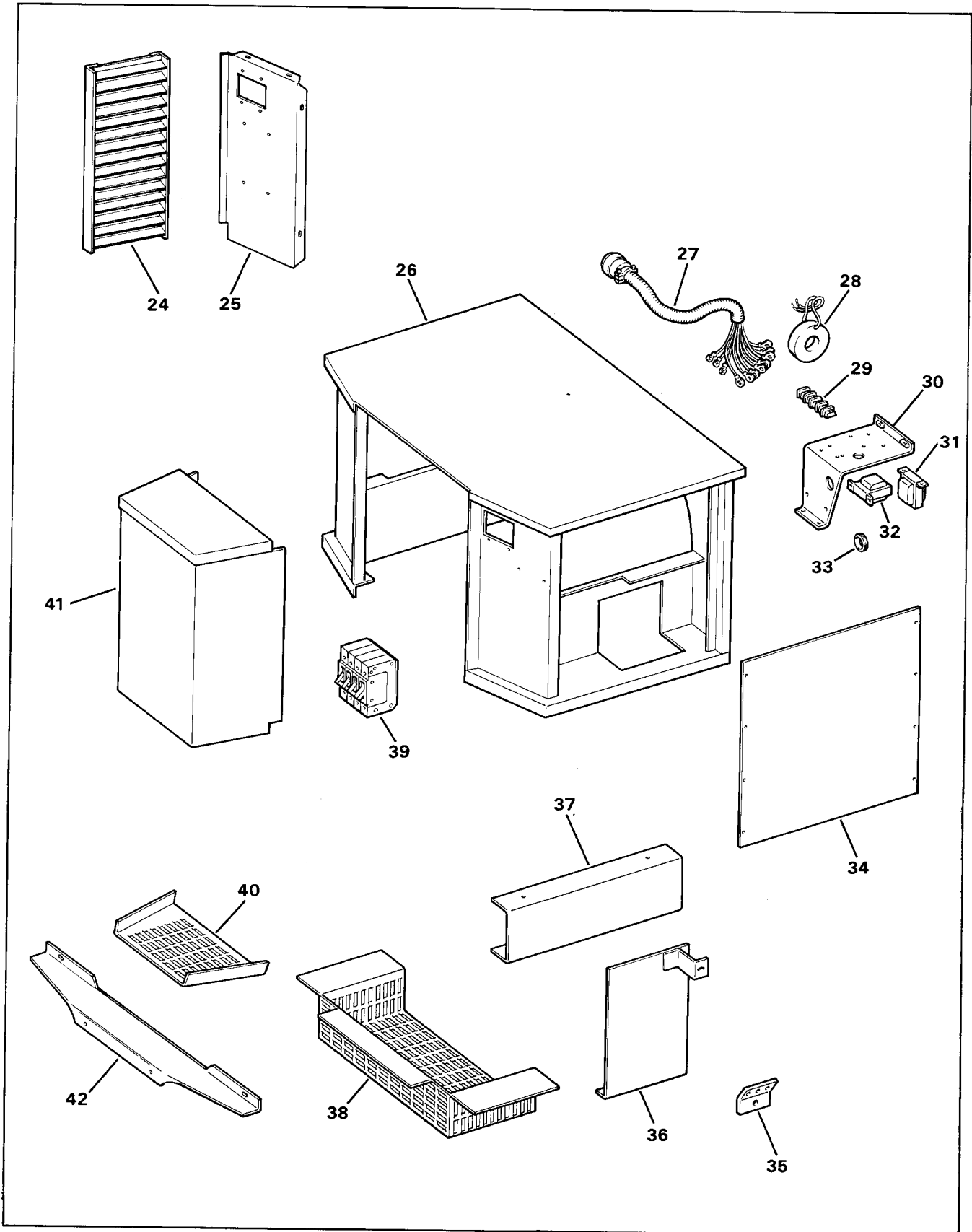
85 kW, 100 kW

Description	Part Number	Description	Part Number
Breaker, field	X-796-2	Switch, interlock (disc.)	291155
Insulator (6)	233568	Lamp (3) (disc.)	291167
Grommet	243319	Cover, junction box	291144
Transformer (3)	246887	Bracket, connection board (2)	291145
Panel assembly with switch (disc.)	A-291141	Panel assembly, side	A-291146
Resistor, 1250 ohm (2)	243354	Connector (9)(disc.)	291140
Washer, insulating (6)	243321	Panel, side (disc.)	291154
Resistor	243976	Stud (10) (disc.)	291158
Light, indicator (3)	283419	Stud (4) (disc.)	291173
Door, junction box (disc.)	291153		

Generator and Mounting 201

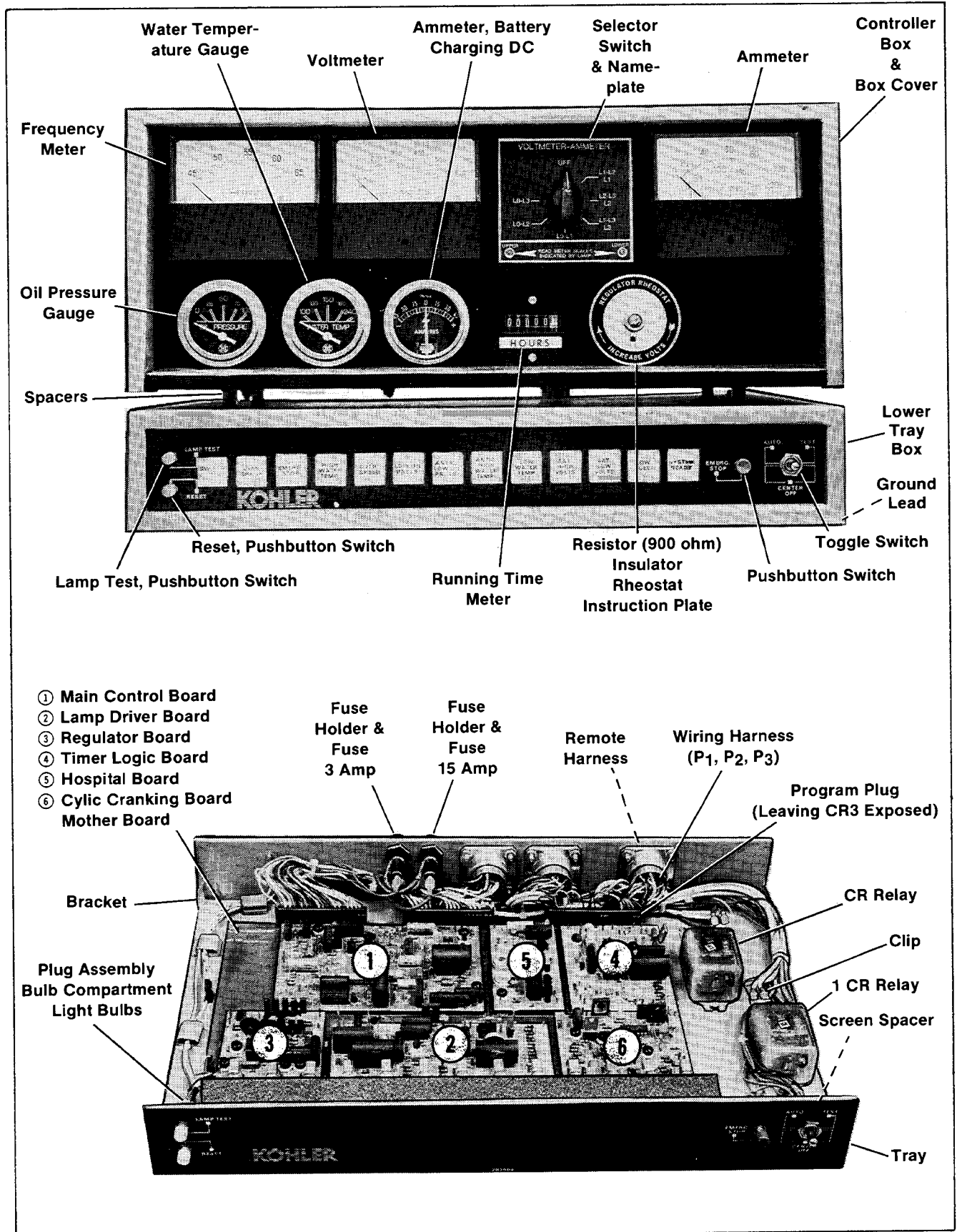


Generator and Mounting 201

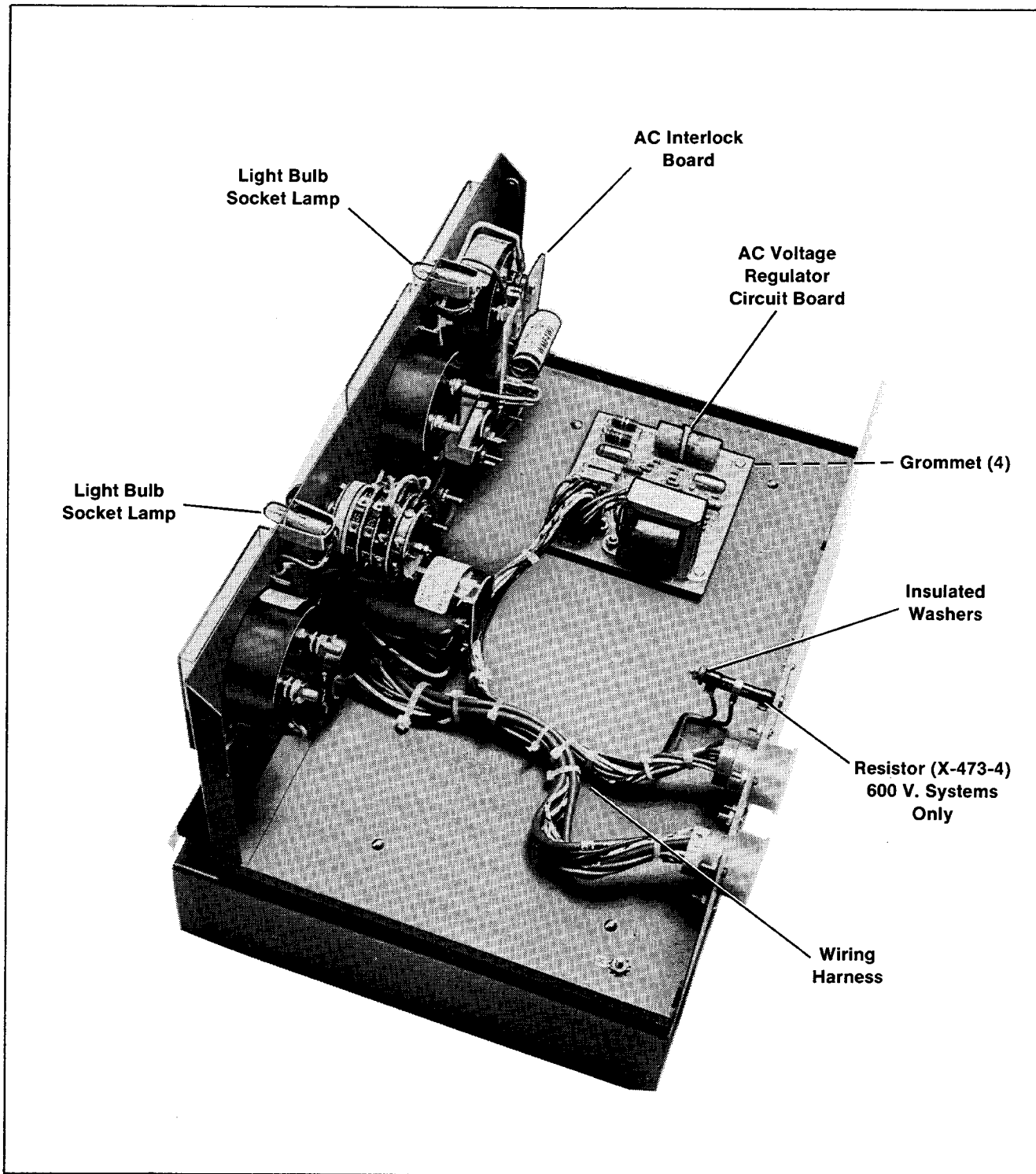


Controller and Mounting

301



Controller and Mounting 301



Controller and Mounting 301

Upper Cabinet

Description	Part Number	Description	Part Number
Grommet (4)	X-593-3	Rheostat	287704
Lead, ground	200521	Circuit board, AC interlock board (disc.)	A-287742
Plate, instruction	201534	Meter, frequency	287998
Resistor (600 volt systems)	X-473-4	Resistor (900 ohm) (600 volt systems)	287947
Gauge, water temperature	264387	Ammeter	
Gauge, oil pressure	264389	Top Scale	Bottom Scale
Washer (2) (600 volt systems)	243321	0-15	0-30 (disc.)
Insulator (600 volt systems) (disc.)	237324	0-75	0-150
Bulb, light (12 volt)	268310	0-50	0-100
Bulb, light (24 volt)	283420	0-100	0-200
Circuit board, AC voltage regulator	A-269930	0-125	0-250
Spacer (4)	270833	0-150	0-300
Ammeter, battery charging DC	48 755 18	0-200	0-400
Switch, selector	283638	0-250	0-500
Socket, lamp	284990	0-300	0-600
Cover (upper box)	287420	0-400	0-800
Box, controller (upper)	287421	0-500	0-1000
Lamp (2)	291740	0-750	0-1500
Voltmeter	287627	0-1000	0-2000
Voltmeter (600 volt systems)	287584	Selector Switch Nameplates	
Harness, wiring (P4, P5)	A-287647	120/240 volt, 3 phase	284908
Meter, running time	287665	120/240 volt, 1 phase	284909
		347/600 volt	284910
		120/208, 220/380; 50 Hertz,	284911
		277/480, 138/240	

Lower Cabinet

Description	Part Number	Description	Part Number
Box, lower cabinet	287417		

Lower Tray

Description	Part Number	Description	Part Number
Tray, controller	287418	Switch, pushbutton (lamp test)	287525
Fuse, 5 amp	243273	Switch, pushbutton (emergency stop)	287816
Fuse, 15 amp	283645	Switch, toggle (auto-test-center off)	287812
Holder, fuse (2)	238426	Clips (5)	287563
Bracket (4)	265348	Compartment, bulb	287561
Spacers, screen (4)	270833	Wiring harness (includes P1, P2, P3)	A-287555
Relay, CR & 1CR (12 volt)	248362	Wiring harness (remote start)	291232
Relay, CR & 1CR (24 volt)	248363	Plug, program (plug 287528) (CR3 pin exposed)	A-287558
Bulb, light (12 volt)	268310	Plug assembly	A-287559
Bulb, light (24 volt)	283420		
Switch, pushbutton (fault reset)	287524		

Controller and Mounting 301

Mother & Daughter Circuit Boards

Description	Part Number	Description	Part Number
Main control circuit board	B-284931	Timer logic circuit board	B-284935
Hospital circuit board	B-284932	Cyclic cranking circuit board	B-284936
Lamp driver circuit board	B-284933	Mother circuit board	B-284937
Regulator circuit board	C-284934		

Uni-Board

Description	Part Number	Description	Part Number
Uni-board, standard	C-291849	Uni-board, NFPA	C-291492

Wiring Harnesses Controller to Engine

Description	Part Number	Description	Part Number
Controller to engine, 30 kW, 45 kW, 55 kW, 60 kW, 75 kW, (D3400T)	290373	85 kW (disc.)	290735
70 kW (Chrysler)	290764	100 kW (C-605) (disc.)	291625
70 kW (Ford) (disc.)	A-291414	125 kW	291091
75 kW (D4800), 100 kW (D4800T)	291091	130 kW, 150 kW, 175 kW	290724
		230 kW, 260 kW	291725

Wiring Harness Controller to Generator

Description	Part Number	Description	Part Number
30 kW-275 kW	291129		

Wiring Harness Pin and Receptacle Identification

Identification No.	Controller			On Harness		
	Receptacle	Pins	Qty.	Plug	Pins	Qty.
P1	287776	287501	7	287777	287534	8
		287535	4		287540	4
P2	287778	287501	12	287779	287500	4
		287535	2		287534	2
P3	287774	287501	3	287775	287540	4
		287535	8		287540	2
P4	287780	287535	1	287781	287534	1
		287541	11		287540	11
P5	287772	287541	10	287773	287540	10
		287783	2		287782	2

Controller and Mounting 301

Alarm Horn Parts (not illustrated)

Description	Part Number	Description	Part Number
Relay, alarm horn (30 kW, 45 kW, 55 kW, 60 kW, 70 kW, 75 kW, (D3400), 85 kW, 125 kW, 130 kW, 150 kW)	245748	Flasher	287950
Relay, alarm horn (75 kW (D4800), 100 kW, 175 kW, 230 kW, 250 kW, 260 kW)	287793	Harness, wire	287951
Vibro damper	266082	Grommet	243320
Toggle switch	268015	Alarm horn circuit board	A-287924
Bracket, horn	283746	Horn, warning (30 kW, 45 kW, 55 kW, 60 kW, 70 kW, 75 kW (D3400T), 85 kW, 125 kW, 130 kW, 150 kW)	268564
Nut, horn	283747	Horn, warning (75 kW (D4800), 100 kW, 160 kW, 175 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW)	283745
Clip, component	287949	Diode	255197

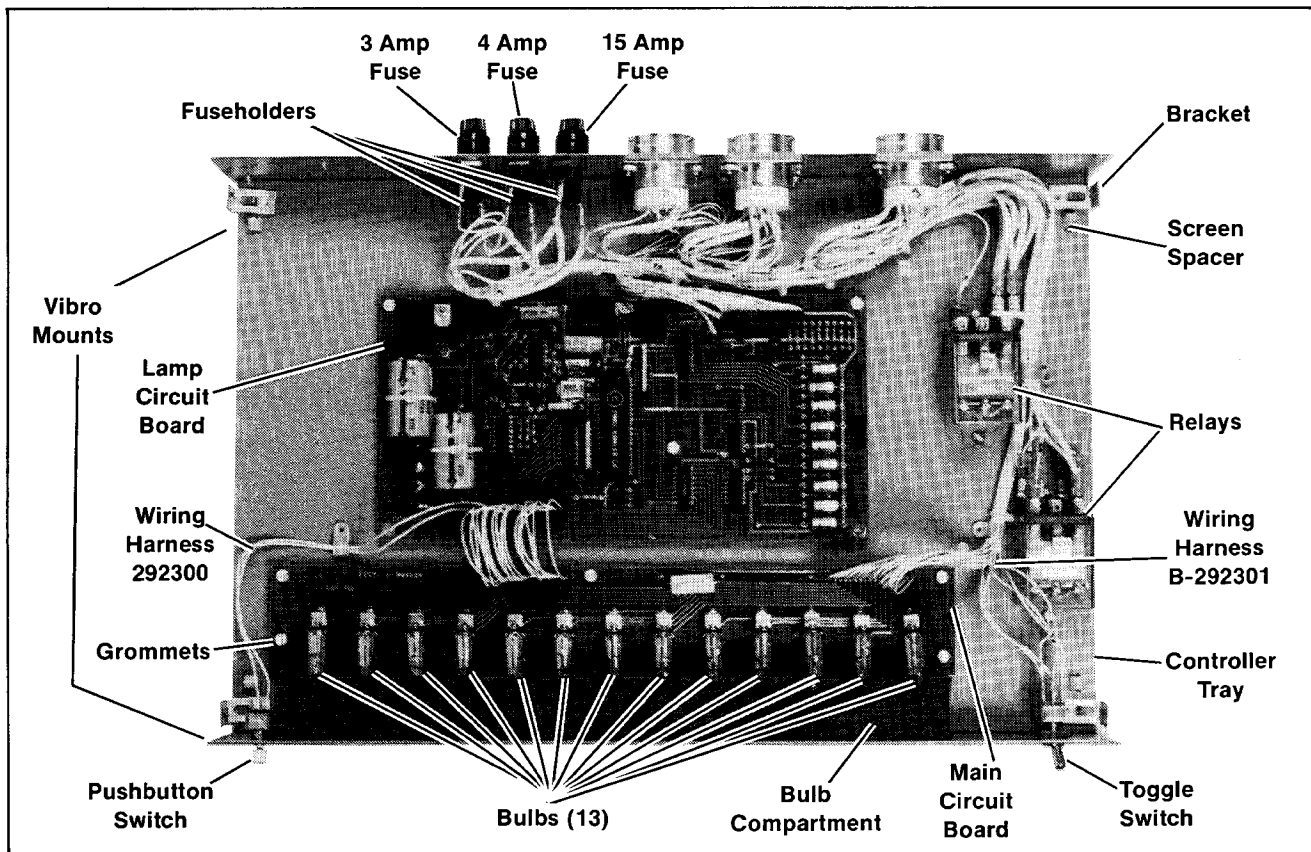
Dec II Microprocessor Base Tray

Description	Part Number	Description	Part Number
Harness, wiring	B-292301	Relay, CR and 1CR (2) (24 Volt)	248363
Harness, wiring	292300	Grommet, plastic (11)	X-593-1
Harness, wiring (remote start)	291232	Main circuit board	A-292302
Bulb (13) (24 Volt)	283420	Lamp circuit board	A-292334
Switch, push button (fault reset)	287524	Fuse, 3 amp	243273
Switch, toggle (auto-test-center-off)	287812	Fuse, 4 amp	282896
Tray, controller	287418	Fuse, 15 amp	283645
Compartment, bulb isolation	287561	Holder, fuse (3)	238426
Spacer, screen (4)	270833	Mount, vibration (4)	266082
Bracket (4)	265348	Box, controller	287417

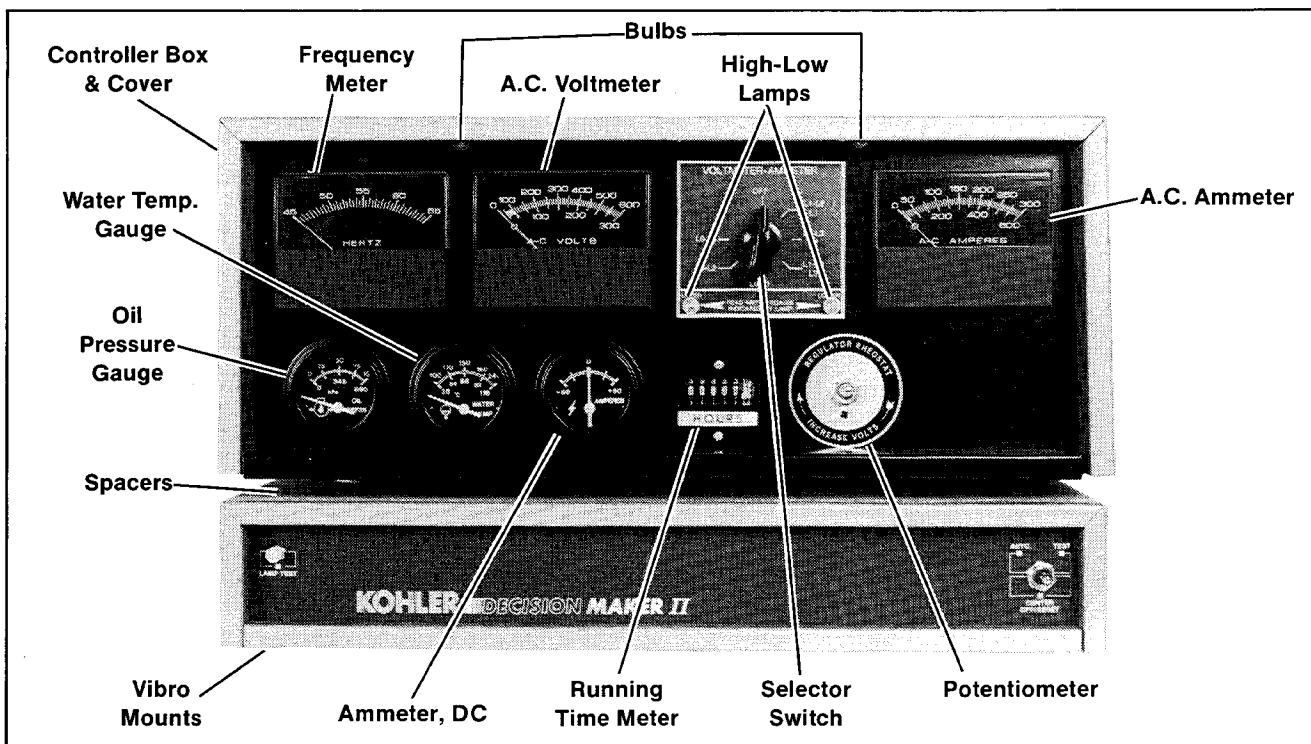
Meter Box

Description	Part Number	Description	Part Number
Circuit board, AC voltage regulator	A-269930	Meter, running time	287665
Circuit board, AC interlock	C-287742	Gauge, oil pressure	282897
Harness, wiring (P4, P5)	A-287647	Gauge, water temperature	282898
Grommet, plastic (AR)	X-593-3	Bulb (2)	283420
Resistor, 24 Volt (2)	268297	Lamp (2) (high-low)	291740
Spacer, screen (4)	270833	Socket, lamp (2)	284990
Ammeter, AC	282807	Potentiometer, voltage adjustment	287704
Ammeter, AC	282809	Switch, selector (600 Volt)	283638
Ammeter	282899	Cover, meter box	287420
Voltmeter, AC	282816	Box, meter box	287421
Meter, frequency	282818		

Controller and Mounting 301



Dec II Microprocessor Base Tray



Meter Box

Housing and Mounting 501

30 kW, 34 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				291680	Roof (G2300)	98	4
259890	Latch, door (3)	98	14	291681	Roof (D2300)	98	4
274200	Stud, battery (2)	98	23	291682	Roof (basic*) (disc.)	98	4
288614	Clamp, battery	98	22	291852	Rail, corner (2)	98	10
290389	Rack, battery	98	24	291853	Rail, corner (2)	98	19
290800	Support, housing (4)	98	18	291854	Rail, end (2)	98	6
290817	Door (4)	98	16	291861	Louver, front	98	2
290821	Hanger, door (10)	98	17	291862	Door assembly	98	7
290822	Latch, door (4)	98	15	291863	Door (2)	98	13
291125	Collar	98	3	291864	Bracket, housing (disc.)	98	11
291465	Rail, side (2)	98	8	290827	Panel, filler (2)	98	12
291468	Stiffener, roof (4)	98	5				

30 kW, 36 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290829	Panel, front (basic*) (disc.)	97	8
274200	Stud, battery (2)	97	22	290831	Panel, front	97	8
288614	Clamp, battery	97	21	290846	Cover, radiator	97	4
290389	Rack, battery	97	23	290847	Latch, radiator cover	97	5
290800	Support, housing (2)	97	20	290926	Louver, front	97	1
290809	Rail, end (2)	97	7	291125	Collar, exhaust opening	97	3
290810	Louver, rear	97	9	291464	Rail, corner (2) (R, generator/ L, engine)	97	14
291726	Stiffener, roof (4)	97	6	291463	Rail, corner (2) (L, generator/ R, engine) (disc.)	97	19
A-290816	Door, with locks (2)	97	16	291465	Rail, side (2)	97	11
290817	Door (4)	97	15				
290821	Hanger, door (8)	97	24				
290822	Latch, door (4)	97	12				
259890	Latch, door (4)	97	13				
290824	Roof	97	2				

45 kW (D3400), 45 kW (G3400), 55 kW (G3400), 34 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				291468	Stiffener, roof (5)	98	5
274200	Stud, battery (2)	98	23	291852	Rail, corner (2)	98	10
288614	Clamp, battery	98	22	291853	Rail, corner (2)	98	19
290389	Rack, battery	98	24	291854	Rail, end (2)	98	6
290800	Support, housing (4)	98	18	291855	Roof, basic * (disc.)	98	4
290817	Door (6)	98	16	291856	Roof, G3400	98	4
290821	Hanger, door (12)	98	17	291857	Roof, D3400 (disc.)	98	4
290822	Latch, door (6)	98	15	291861	Louver, front	98	2
259890	Latch, door (3)	98	14	291862	Door assembly	98	7
290827	Panel, filler (2)	98	12	291863	Door (2)	98	13
291125	Collar	98	3	291864	Bracket, housing (disc.)	98	11
291466	Rail, side (2)	98	8				

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

45 kW (D3400), 45 kW (G3400), 55 kW (G3400), 60 kW (D3000T), 36 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290838	Roof (60 kW)	97	2
274200	Stud, battery (2)	97	22	290831	Panel, front	97	8
288614	Clamp, battery	97	21	290829	Panel, front (basic*) (disc.)	97	8
290389	Rack, battery	97	23	290846	Cover, radiator	97	4
290800	Support, housing (4)	97	20	290847	Latch, radiator cover	97	5
290809	Rail, end (2)	97	7	290926	Louver, front	97	1
290810	Louver, rear	97	9	291125	Collar, exhaust opening	97	3
291726	Stiffener, roof (4)	97	6	291464	Rail, corner (2) (R, generator/L, engine)	97	14
A-290816	Door, with locks (2)	97	16	291466	Rail, side (2)	97	11
290817	Door (4)	97	15	291463	Rail, corner (2) (L, generator/R, engine) (disc.)	97	19
290821	Hanger, door (8)	97	24	290827	Panel, filler (2)	97	18
290822	Latch, door (4)	97	12				
259890	Latch, door (2)	97	13				
290841	Roof (45 kW & 55 kW)	97	2				
290825	Roof (basic) (disc.)	97	2				

60 kW (D3300T), 75 kW (D3400T)
Use with Specs 17554 and Below
Use with Specs 175550 and Below

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				291412	Louver, front (disc.)	97	1
274200	Stud, battery (2)	97	22	291125	Collar, exhaust opening	97	3
288614	Clamp, battery	97	21	291410	Rail, end (2) (disc.)	97	7
290389	Rack, battery	97	23	291411	Louver, rear (disc.)	97	9
290800	Support, housing (4)	97	20	291463	Rail, corner (2) (L, generator/R, engine) (disc.)	97	19
A-290816	Door, with locks (2)	97	16	291464	Rail, corner (2) (R, generator/L, engine)	97	14
290817	Door (6)	97	15	291466	Rail, side (2)	97	11
290821	Hanger, door (10)	97	24	291468	Stiffener, roof (5)	97	6
290822	Latch, door (6)	97	12	291488	Panel, front (disc.)	97	8
259890	Latch, door (2)	97	13				
290827	Panel, filler (2)	97	18				
290838	Roof	97	2				
290846	Cover, radiator	97	4				
290847	Latch, radiator cover	97	5				

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

**60 kW (D3300T), 75 kW (D3400T)
Use with Specs above 17554
Use with Specs above 175550**

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				291468	Stiffener, roof (5)	98	5
274200	Stud, battery (2)	98	23	291852	Rail, corner (2)	98	10
288614	Clamp, battery	98	22	291853	Rail, corner (2)	98	19
290800	Support, housing (4)	98	18	291854	Rail, end (2)	98	6
290817	Door (6)	98	16	291855	Roof, basic* (disc.)	98	4
290821	Hanger, door (12)	98	17	291860	Roof	98	4
290822	Latch, door (6)	98	15	291861	Louver, front	98	2
259890	Latch, door (3)	98	14	291862	Door assembly	98	7
290827	Panel, filler (2)	98	12	291863	Door (2)	98	13
290389	Rack, battery	98	24	291864	Bracket (disc.)	98	11
291466	Rail, side (2)	98	8	291125	Collar	98	3

70 kW (Chrysler)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				259890	Latch, door (3)	97	13
274200	Stud, battery (2)	97	22	290827	Panel, filler (2)	97	18
288614	Clamp, battery	97	21	290832	Panel, front (disc.)	97	8
290389	Rack, battery	97	23	290829	Roof (disc.)	97	2
290800	Support, housing	97	20	290846	Cover, radiator	97	4
290809	Rail, end (2)	97	7	290847	Latch, radiator cover	97	5
290810	Louver, rear	97	9	290926	Louver, front	97	1
291726	Stiffener, roof (5)	97	6	291125	Collar, exhaust opening	97	3
A-290816	Door, with locks (2)	97	16	291463	Rail, corner (2) (disc.)	97	19
290817	Door (6)	97	15	291464	Rail, corner (2)	97	14
290821	Hanger, door (10)	97	24	291466	Rail, side (2)	97	11
290822	Latch, door (6)	97	12				

70 kW (Ford), 34 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				291991	Support, housing (RH) (disc.)	98	not shown
274200	Stud, battery (2)	98	23	291992	Support, housing (LH) (disc.)	98	not shown
288614	Clamp, battery	98	22	291738	Panel (2)	98	12
290389	Rack, battery	98	24	291852	Rail, corner (2)	98	10
290800	Support, housing (2)	98	18	291853	Rail, corner (2)	98	19
290817	Door (4)	98	16	291854	Rail, end (2)	98	6
290821	Hanger, door (10)	98	17	291859	Roof	98	4
290822	Latch, door (4)	98	15	291861	Louver, front	98	2
259890	Latch, door (3)	98	14	291862	Door assembly	98	7
291467	Rail, side (2)	98	8	291863	Door (2)	98	13
291468	Stiffener, roof (5)	98	5	291864	Bracket, housing (disc.)	98	11
291471	Panel, filler (2)	98	12				

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

70 kW (Ford), 36 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				291472	Panel, front (basic) (disc.)	97	8
274200	Stud, battery	97	22	291473	Panel, front (disc.)	97	8
288614	Clamp, battery	97	21	291470	Roof (disc.)	97	2
290389	Rack, battery	97	23	290846	Cover, radiator	97	4
290800	Support, housing	97	20	290847	Latch, radiator cover	97	5
291410	Rail, end (2) (disc.)	97	7	291412	Louver, front (disc.)	97	1
291411	Louver, rear (disc.)	97	9	291125	Collar, exhaust opening	97	3
291468	Stiffener, roof (5)	97	6	291463	Rail, corner (2) (L, generator/ R, engine) (disc.)	97	19
290817	Door (4)	97	15	291464	Rail, corner (2) (R, generator/ L, engine)	97	14
A-290816	Door, with locks (2)	97	16	291467	Rail, side (2)	97	11
290821	Hanger, door (8)	97	24				
290822	Latch, door (4)	97	12				
259890	Latch, door (2)	97	13				
291471	Panel, filler (2)	97	18				

85 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290847	Latch, radiator cover	97	5
274200	Stud, battery (2)	97	22	290881	Door (6)	97	15
288614	Clamp, battery	97	21	A-290882	Door, with locks (2)	97	16
290389	Rack, battery	97	23	290883	Panel, filler (4)	97	17
290800	Support, housing (4)	97	20	290926	Louver, front	97	1
290809	Rail, end (2)	97	7	291125	Collar, exhaust opening	97	3
290810	Louver, rear	97	9	291464	Rail, corner (2) (R, generator/ L, engine)	97	14
291726	Stiffener, roof (5)	97	6	291466	Rail, side (2)	97	11
290821	Hanger, door (10)	97	24	291463	Rail, corner (2) (L, generator/ R, engine) (disc.)	97	19
290822	Latch, door (6)	97	12	291847	Panel, filler (2)	97	10
259890	Latch, door (2)	97	13				
290827	Panel, filler	97	18				
290833	Panel, front (disc.)	97	8				
290839	Roof (disc.)	97	2				
290846	Cover, radiator	97	4				

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

75 kW (D4800), 100 kW (D4800T), 36 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290846	Cover, radiator	97	4
274200	Stud, battery (6)	97	22	290847	Latch, radiator cover	97	5
288611	Clamp, battery (2)	97	21	290926	Louver, front	97	1
290800	Support, housing (4)	97	20	291089	Rack, battery (2)	97	23
290809	Rail, end (2)	97	7	291125	Collar, exhaust opening	97	3
290810	Louver, rear	97	9	291177	Roof (75 kW) (disc.)	97	2
291726	Stiffener, roof (5)	97	6	290840	Roof (100 kW) (disc.)	97	2
A-290816	Door, with locks (2)	97	16	290825	Roof, basic (disc.)	97	2
290817	Door (6)	97	15	291464	Rail, corner (2) (R, generator/ L, engine)	97	14
290821	Hanger, door (10)	97	24	291466	Rail, side (2)	97	11
290822	Latch, door (6)	97	12	291463	Rail, corner (2) (L, generator/ R, engine) (disc.)	97	19
259890	Latch, door (2)	97	13				
290827	Panel, filler (2)	97	18				
290834	Panel, front (disc.)	97	8				
290829	Panel, front (basic) (disc.)	97	8				

100 kW (D4800T), 34 Inch Skid

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				291468	Stiffener, roof (5)	98	5
274200	Stud, battery (6)	98	23	291852	Rail, corner (2)	98	10
288611	Clamp, battery (2)	98	22	291853	Rail, corner (2)	98	19
290800	Support, housing (2)	98	18	291854	Rail, end (2)	98	6
290817	Door (6)	98	16	291858	Roof (disc.)	98	4
290821	Hanger, door (12)	98	17	291861	Louver, front	98	2
290822	Latch, door (6)	98	15	291862	Door assembly, rear	98	7
259890	Latch, handle (3)	98	14	291863	Door (2)	98	13
290827	Panel, filler (2)	98	12	291864	Bracket, housing (disc.)	98	11
291089	Rack, battery (2)	98	24	291991	Support (RH) (disc.)	98	not shown
291466	Rail, side (2)	98	8	291992	Support (LH) (disc.)	98	not shown

100 kW (C-605)

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				291466	Rail, side (2)	98	8
259890	Latch, door (3)	98	14	291645	Bracket, housing (disc.)	98	11
274200	Stud, battery (2)	98	23	291646	Rail, end (2)	98	6
288614	Clamp, battery	98	22	291647	Door assembly	98	7
290800	Support, housing (4)	98	18	291650	Door (2) (disc.)	98	13
290821	Hanger, door (12)	98	17	291651	Roof (disc.)	98	4
290822	Latch, door (6)	98	15	291726	Stiffener, roof (5)	98	5
290827	Panel, filler (2)	98	12	291847	Panel, filler (2)	98	21
290389	Rack, battery	98	24	291852	Rail, corner (2)	98	10
290881	Door (6)	98	16	291853	Rail, corner (2)	98	19
290883	Panel, filler (4)	98	20	291828	Louver, front	98	2

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

NOTE

To identify between old and new style housings, refer to pages 97 and 98.

125 kW, 150 kW, New Style

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				290927	Louver, front	98	2
234105	Stud, battery (2)	98	23	290969	Panel, front (150 kW) (disc.)	98	1
289566	Clamp, battery	98	22	291374	Panel, front (125 kW) (disc.)	98	1
290800	Support, housing (4)	98	18	290830	Panel, front (basic*)	98	1
290803	Rail, corner (2)	98	10	291101	Rack, battery	98	24
290804	Rail, corner (2)	98	19	291876	Bracket, housing (disc.)	98	11
290807	Rail, side (2) (disc.)	98	8	291877	Rail, end (2)	98	6
290814	Stiffener, roof (6) (disc.)	98	5	291878	Door assembly	98	7
290819	Door (8)	98	16	291879	Door assembly (2)	98	13
290821	Hanger, door (14)	98	17	291880	Roof (125 kW) (disc.)	98	4
290822	Latch, door (8)	98	15	291881	Roof (150 kW) (disc.)	98	4
259890	Latch, door (3)	98	14	291874	Roof (basic) (disc.)	98	4
290828	Panel, filler (2) (disc.)	98	12	291125	Collar	98	3

125 kW, 130 kW, 150 kW, Old Style

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290822	Latch, door (8)	97	12
234105	Stud, battery (2)	97	22	259890	Latch, door (2)	97	13
289566	Clamp, battery	97	21	290828	Panel, filler (disc.)	97	18
290800	Support, housing (4)	97	20	290846	Cover, radiator	97	4
290803	Rail, corner (2)	97	19	290847	Latch, radiator cover	97	5
	(L, generator/ R, engine)			290927	Louver, front	97	1
290804	Rail, corner (2)	97	14	290830	Panel, front (basic*)	97	8
	(R, generator/ L, engine)			291374	Panel, front (125 kW) (disc.)	97	8
290807	Rail, side (2) (disc.)	97	11	290969	Panel, front (130 kW, 160 kW) (disc.)	97	8
290808	Rail, end (2)	97	7	290826	Roof, basic* (disc.)	97	2
290811	Louver, rear	97	9	291375	Roof (125 kW) (disc.)	97	2
290814	Stiffener, roof (6) (disc.)	97	6	291100	Roof (130 kW, 150 kW) (disc.)	97	2
A-290818	Door, with locks (2)	97	16	291101	Rack, battery	97	23
290819	Door (8)	97	15	291125	Collar, exhaust opening	97	3
290821	Hanger, door (12)	97	24				

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

175 kW, New Style

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				259890	Latch, handle (3)	98	14
274200	Stud, battery (5)	98	23	290828	Panel, filler (2) (disc.)	98	12
290698	Rack, battery (2) (disc.)	98	24	290927	Louver	98	2
290732	Clamp, battery (disc.)	98	22	290830	Panel, front (basic*)	98	1
290800	Support, housing (4)	98	18	290969	Panel, front (disc.)	98	1
290803	Rail, corner (2)	98	10	291876	Bracket, housing (disc.)	98	11
290804	Rail, corner (2)	98	19	291877	Rail, end (2)	98	6
290807	Rail, side (2) (disc.)	98	8	291878	Door assembly	98	7
290814	Stiffener, roof (6) (disc.)	98	5	291879	Door assembly (2)	98	13
290819	Door (8)	98	16	291882	Roof (disc.)	98	4
290821	Hanger, door (14)	98	17	291874	Roof (basic*) (disc.)	98	4
290822	Latch, door (8)	98	15	291125	Collar	98	3

175 kW, Old Style

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290732	Clamp, battery	97	21
274200	Stud, battery (5)	97	22	259890	Latch, handle	97	13
290698	Rack, battery (2) (disc.)	97	23	290828	Panel, filler (2) (disc.)	97	18
290800	Support, housing (4)	97	20	290846	Cover, radiator	97	4
290803	Rail, corner (2)	97	19	290847	Latch, radiator cover	97	5
290804	Rail, corner (2)	97	14	290927	Louver	97	1
290807	Rail, end (2) (disc.)	97	7	290830	Panel, front (basic*)	97	8
290811	Louver	97	9	290969	Panel, front (disc.)	97	8
A-290818	Door, with locks (2)	97	16	290826	Roof (basic*) (disc.)	97	2
290819	Door (8)	97	15	290967	Roof (disc.)	97	2
290821	Hanger, door (12)	97	24	291125	Collar, exhaust opening	97	3
290822	Latch, door (8)	97	12				

230 kW, 260 kW, New Style

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View B				259890	Latch, handle (3)	98	14
274085	Stud, battery (3)	98	23	290828	Panel, filler (2) (disc.)	98	12
289700	Clamp, battery	98	22	290830	Panel, front (basic*)	98	1
290413	Rack, battery	98	24	290923	Panel, front	98	1
290800	Support, housing	98	18	290927	Louver	98	2
290803	Rail, corner (2)	98	10	291876	Bracket, housing (disc.)	98	11
290804	Rail, corner (2)	98	19	291877	Rail, end (2)	98	6
290807	Rail, side (2) (disc.)	98	8	291878	Door assembly	98	7
290814	Stiffener, roof (6) (disc.)	98	5	291879	Door assembly (2)	98	13
290819	Door (8)	98	16	291874	Roof (basic*) (disc.)	98	4
290821	Hanger, door (14)	98	17	291883	Roof	98	4
290822	Latch, door (8)	98	15	291125	Collar	98	3

*Basic, no pre-drilled holes or cutouts.

Housing and Mounting 501

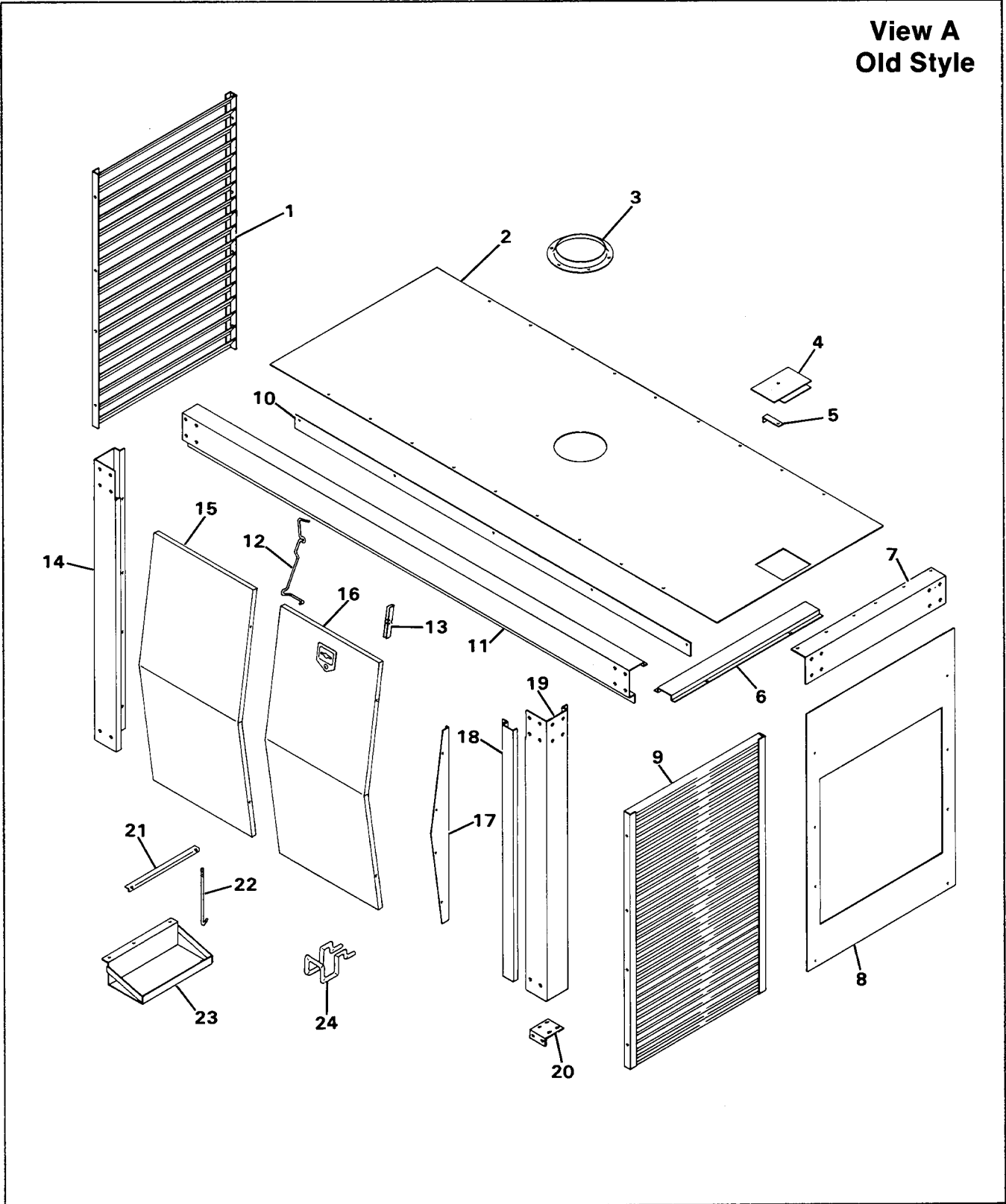
230 kW, 250 kW (21000), 260 kW, Old Style

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Refer to View A				290821	Hanger, door (12)	97	24
274085	Stud, battery (3)	97	22	290822	Latch, door (8)	97	12
290413	Rack, battery	97	23	259890	Latch, handle (2)	97	13
290800	Support, housing	97	20	290828	Panel, filler (2) (disc.)	97	18
290803	Rail, corner (2) (L, generator/ R, engine)	97	19	290846	Cover, radiator	97	4
290804	Rail, corner (2) (R, generator/ L, engine)	97	14	290847	Latch, radiator cover	97	5
290807	Rail, side (2) (disc.)	97	11	290927	Louver	97	1
290808	Rail, end (2)	97	7	290830	Panel, front (basic*)	97	8
290811	Louver	97	9	290923	Panel, front (230 kW. 260 kW)	97	8
290814	Stiffener, roof (6) (disc.)	97	6	290970	Panel, front (250 kW) (disc.)	97	8
A-290818	Door, with locks (2)	97	16	290826	Roof (basic*) (disc.)	97	2
289700	Clamp, battery	97	21	290922	Roof (230 kW. 260 kW) (disc.)	97	2
290819	Door (8)	97	15	290968	Roof (250 kW) (disc.)	97	2
				291125	Collar, exhaust opening	97	3

*Basic, no pre-drilled holes or cutouts.

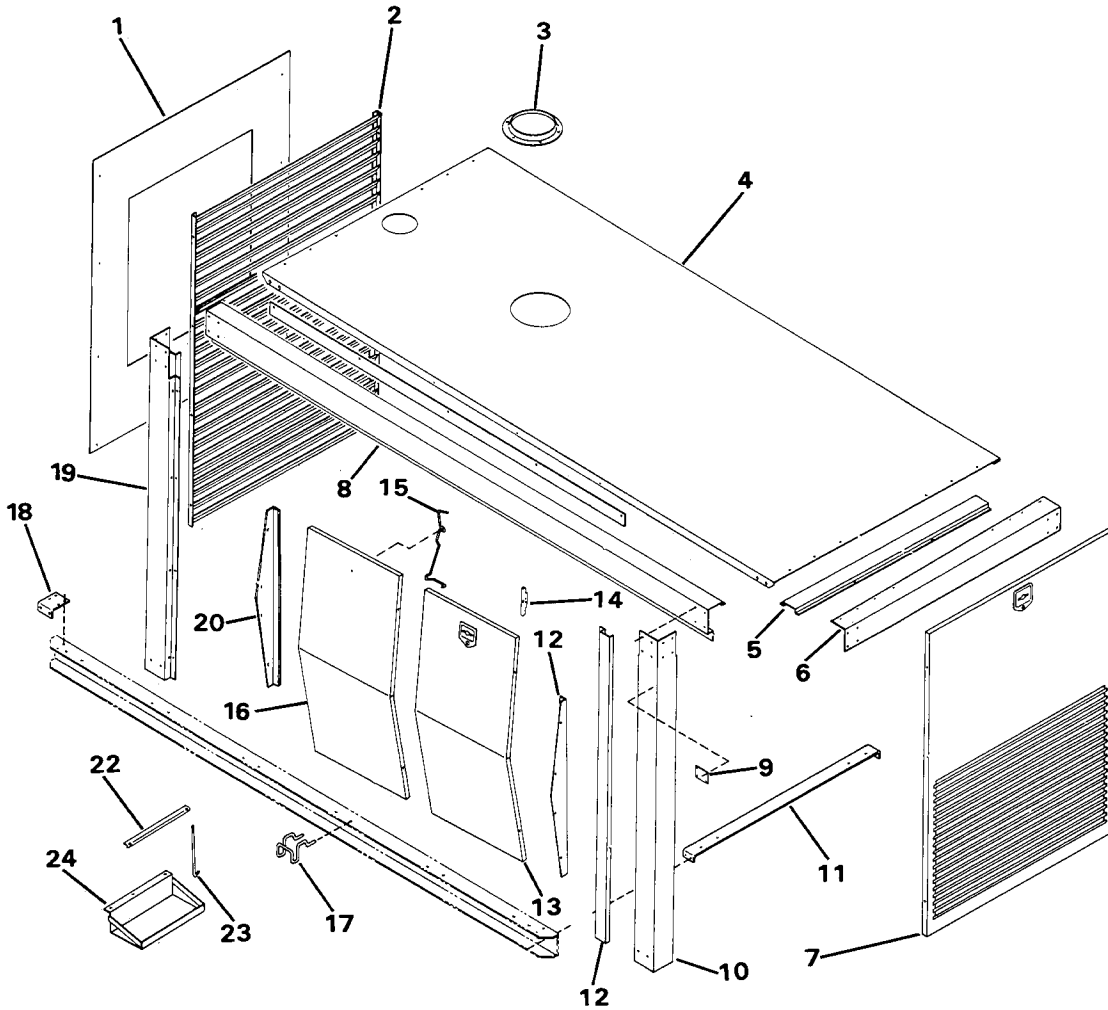
Housing and Mounting 501

View A
Old Style



Housing and Mounting 501

**View B
New Style**



Suffix 6, Fuel Priming Or Float Tanks 30 kW, G2300 (Radiator) — Kit 290458

Description	Part Number	Description	Part Number
Line, flex. fuel, 36"	265464	Connector, tank inlet (disc.)	266104
Line, flex. fuel, 18"	265461	Line, flex. fuel, 22"	271500
Line, flex. fuel, 41"	265484	Elbow, overflow	280169
Damper, vibration (2)	265844	Bracket, tank mounting	285553
Tank, fuel	265845	Block, fuel	285960

30 kW, G2300 (City Water Cooled) — Kit 290461

Description	Part Number	Description	Part Number
Line, flex. fuel, 18"	265461	Line, flex. fuel, 22"	271500
Line, flex. fuel, 36"	265464	Elbow, overflow	280169
Line, flex. fuel, 41"	265484	Bracket, tank mtg.	285553
Damper, vibration (2)	265844	Block, fuel	285960
Tank, fuel, 1 qt.	265845	Bracket, support (disc.)	286308
Connector, tank inlet (disc.)	266104		

30 kW, 45 kW, (D2300, D3400) — Kit 290456

Description	Part Number	Description	Part Number
Line, flex. fuel (2)	265484	Bracket, tank mounting	285553
Damper, vibration	265844	Connector, supply pipe	285956
Line, flex. fuel	271500	Line, flex. fuel	285957
Tank, fuel	285234	Block, fuel	285960

45 kW, 55 kW, G3400 (Radiator) — Kit 290459

Description	Part Number	Description	Part Number
Line, flex. fuel, 18"	265461	Line, flex. fuel, 22"	271500
Line, flex. fuel, 41" (2)	265484	Elbow, overflow	280169
Damper, vibration (2)	265844	Bracket, tank mounting	285553
Tank, fuel	265845	Block, fuel	285960
Connector, tank inlet (disc.)	266104		

Accessories

45 kW, 55 kW, G3400 (City Water Cooled) — Kit 290462

Description	Part Number	Description	Part Number
Line, flex. fuel, 18"	265461	Line, flex. fuel, 22"	271500
Line, flex. fuel, 41" (2)	265484	Elbow, overflow	280169
Damper, vibration (2)	265844	Bracket, tank mounting	285553
Tank, fuel	265845	Block, fuel	285960
Connector, tank inlet (disc.)	266104	Bracket, support (disc.)	286308

60 kW (D3000T), 60 kW (D3300T), 75 kW (D3400T) — Kit 290455

Description	Part Number	Description	Part Number
Line, flex. fuel, 41"	265484	Bracket, tank mounting	285554
Line, flex. fuel, 50"	266110	Connector, tank inlet	285956
Line, flex. fuel, 22"	271500	Line, flex. fuel, 18"	285957
Tank, prime	285234	Block, fuel	285960
Gasket, manifold	285542		

70 kW (Chrysler) — Kit 290730

Description	Part Number	Description	Part Number
Block, fuel	153854-1	Tank, prime	265845
Line, fuel, 14"	265462	Connector, overflow	280169
Connector, supply pipe	265479	Line, fuel, 12"	285188
Line, fuel, 41"	265484	Bracket, prime tank	290638
Line, fuel, 20"	265486		

70 kW (Ford) — Kit 291845

Description	Part Number	Description	Part Number
Block, fuel	153854-1	Tank, 1 qt., fuel	265845
Elbow, street	168218	Line (disc.)	266104
Line, fuel, 41"	265484	Connector	280169
Line, fuel, 31"	265487	Connector, overflow	285188
Line, fuel, 22"	265813	Line, flex. fuel, 12" (disc.)	291844

Accessories

85 kW — Kit 286956

Description	Part Number	Description	Part Number
Block, fuel	153854-1	Line, fuel, 50"	266110
Elbow, tank outlet	168218	Connector, overflow	280169
Line, fuel, 24"	265485	Line, fuel	285188
Tank, prime	265845	Bracket, prime tank (disc.)	286066
Connector, supply pipe (disc.)	266104		

75 kW (D4800), 100 kW (D4800T) — Kit 291086

Description	Part Number	Description	Part Number
Line, fuel, 18"	X-651-3	Line, fuel	265484
Line, fuel, 30"	X-651-5	Damper, vibration (2)	265844
Line, fuel, 14"	X-651-13	Line, fuel, 50"	266110
Connector (2) (3/8x1/4)	X-652-1	Tank, prime	285234
Connector (2) (3/8x5/8-18)	X-653-1	Tube, inlet	286930
Block, fuel	153854-1		

125 kW — Kit 291363

Description	Part Number	Description	Part Number
Adapter, pipe	X-509-1	Damper, vibration (2)	265844
Line, fuel (2), 18"	X-651-3	Line, fuel (2), 50"	266110
Line, fuel, 11"	X-651-10	Tank	285234
Fitting, hose (2) (3/8x1/4)	X-652-1	Tube, inlet	286930
Fitting, hose (2) (3/8x5/8-18)	X-653-1	Bracket, prime tank	291085
Block, fuel connector	153854-1		

230 kW, 260 kW — Kit 291519

Description	Part Number	Description	Part Number
Spacer (4)	280528	Bracket, tank	291518
Tank assembly (disc.)	A-286367		

Suffix 26, Reactive Droop Compensators 30 kW (1 Phase) — Kit 291749

Description	Part Number	Description	Part Number
Transformer (disc.)	283437	Transformer (600 Volt)	283916

Accessories

30 kW — Kit 290939

Description	Part Number	Description	Part Number
Rheostat Nameplate	X-270-1 283869	Transformer	283916

45 kW, 55 kW — Kit 290940

Description	Part Number	Description	Part Number
Rheostat Nameplate	X-270-1 283869	Transformer, current	283917

70 kW, 75 kW, 85 kW — Kit 290941

Description	Part Number	Description	Part Number
Rheostat Nameplate	X-270-1 283869	Transformer, current	283918

100 kW — Kit 290941

Description	Part Number	Description	Part Number
Rheostat Nameplate	X-270-1 283869	Transformer, current	283919

125 kW, 160 kW, 180 kW, 250 kW, 260 kW, 275 kW — Kit 290943

Description	Part Number	Description	Part Number
Rheostat, 50 ohm Nameplate	X-467-3 283869	Transformer, current	283919

Suffix 28, Cooling Outlet Duct, Radiator Duct 30 kW, 45 kW, 55 kW, 60 kW, 75 kW (D3400T) — Kit 290079

Description	Part Number	Description	Part Number
Frame, air duct	286195	Grill, radiator	286196
Decal, Kohler	241541		

Accessories

70 kW (Ford), 85 kW — Kit 290080

Description	Part Number	Description	Part Number
Frame, air duct	286726	Grill, radiator	286725
Decal, Kohler	241541		

75 kW (D4800), 100 kW (D4800T) — Kit 291018

Description	Part Number	Description	Part Number
Grill, radiator	291007	Duct, radiator	291013

125 kW — Kit 291362

Description	Part Number	Description	Part Number
Frame, air duct	291361	Grill, radiator	291346

150 kW, 175 kW — Kit 290990

Description	Part Number	Description	Part Number
Frame, air duct (2)	290990		

160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW — Kit 290082

Description	Part Number	Description	Part Number
Frame, air duct	289042	Grill, radiator	289039
Spacer (8)	265693	Decal, Kohler	241541

Accessories

Suffix 29, Line Circuit Breakers

(Note: For Single Phase Use 2 Pole Breaker)

KW	KVA	VOLTS	PHASE	AMP	AMP	FRAME	POLE	BREAKER	KIT. NO.
30	30	120-240	1	125	125	CA	2	X-786-1	291135
	37.5	240	3	90	100	EB	3	X-786-14	291136
	37.5	120-208	3	104	125	CA	3	X-786-27	291137
	37.5	480	3	45	50	FB	3	X-786-11	291138
	37.5	600	3	36	40	FB	3	X-786-10	291139
	Triple Voltage								X-359-113
40	40	120-240	1	167	200	CA	2	X-786-2	290775
	50	240	3	105	125	CA	3	X-786-15	290783
	50	120-208	3	139	150	CA	3	X-786-28	290777
	50	480	3	60	70	FB	3	X-786-12	290778
	50	480	3	60	70	FB	3	X-786-37	290794
	50	600	3	48	70	FB	3	X-786-12	290778
								Shunt Trip	
45	45	120-240	1	187	200	CA	2	X-786-2	290775
	56.25	240	3	135	150	CA	3	X-786-28	290777
	56.25	120-208	3	156	175	CA	3	X-786-29	290780
	56.25	480	3	68	70	FB	3	X-786-12	290778
	56.25	600	3	54	70	FB	3	X-786-12	290778
	Triple Voltage								X-359-114
50	50	120-240	1	203	200	CA	2	X-786-2	290775
	62.5	240	3	150	150	CA	3	X-786-28	290777
	62.5	120-208	3	173	175	CA	3	X-786-29	290780
	62.5	480	3	75	90	FB	3	X-786-13	290781
	62.5	600	3	60	70	FB	3	X-786-12	290778
55	55	120-240	1	229	250	DA	2		290799
	68.8	240	3	165	175	CA	3	X-786-30	290780
	68.8	120-208	3	188	200	CA	3	X-786-30	290782
	68.8	480	3	82	90	FB	3	X-786-13	290781
	68.8	600	3	65	70	FB	3	X-786-12	290778
Triple Voltage								X-359-114	291413
60	60	120-240	1	250	300	DA	2		290849
	75	240	3	180	200	CA	3	X-786-30	290782
	75	120-208	3	208	225	CA	3	X-786-31	290792
	75	480	3	90	100	FB	3	X-786-36	290776
	75	600	3	72	90	FB	3	X-786-13	290781
Triple Voltage								X-359-114	291413
70	70	120-240	1	291	300	DA	2		290849
	87.5	240	3	210	225	CA	3	X-786-31	290792
	87.5	120-208	3	243	250	CA	3		290848
	87.5	480	3	105	125	FB	3	X-786-15	290783
	87.5	600	3	85	90	FB	3	X-786-13	290781
Triple Voltage								X-359-114	291413
75	75	120-240	1	313	350	DA	2		290871
	93.75	240	3	225	225	CA	3	X-786-31	290792
	93.75	120-208	3	260	300	DA	3		290850
	93.75	480	3	112	125	FB	3	X-786-15	290783
	93.75	600	3	90	90	FB	3	X-786-13	290781
Triple Voltage								X-359-74	291176

Accessories

KW	KVA	VOLTS	PHASE	AMP	AMP	FRAME	POLE	BREAKER	KIT. NO.
85	85	120-240	1	355	350	DA	2		290871
	106	240	3	255	300	DA	3		290850
	106	120-208	3	294	300	DA	3		290850
	106	480	3	127	125	FB	3	X-786-15	290783
	106	600	3	102	100	FB	3	X-786-36	290776
	Triple Voltage							X-359-114	291413
100	100	120-240	1	417	400	DA	2		291258
	125	240	3	300	300	DA	3		290850*
	125	120-208	3	347	400	DA	3		290860
	125	480	3	150	150	FB	3	X-786-16	290779
	125	600	3	120	125	FB	3	X-786-15	290783
	Triple Voltage							X-359-74	291176
125	162.5	240	3	391	400	DA	3	X-786-15	290787
	162.5	120-208	3	452	500	LC	3	X-786-22	290935
	162.5	480	3	196	200	JB	3	X-786-18	290788
	162.5	600	3	157	175	JB	3	X-786-17	290789
130	162.5	240	3	391	400	DA	3	X-786-35	290787
	162.5	120-208	3	452	500	MC	3		290861
	162.5	480	3	196	200	JB	3	X-786-18	290788
	162.5	600	3	157	175	JB	3	X-786-17	290789
175	218.75	240	3	526.9	600	LC	3	X-786-23	290936
	218.75	120-208	3	607.9	600	LC	3	X-786-23	290936
	218.75	480	3	263.4	300	LB	3	X-786-19	290791
	218.75	600	3	210.7	225	JB	3	X-786-36	290937
230	293	240	3	690	700	MC	3		290862
	293	120-208	3	800	800	MC	3		290863
	293	480	3	346	400	LB	3	X-786-21	290790
	293	600	3	276	300	LB	3	X-786-19	290791
250	312	240	3	752	800	MC	3		290863
	312	120-208	3	868	900	NC	3		290933
	312	480	3	376	400	LB	3	X-786-21	290790
	312	600	3	300	350	LA	3	X-786-20	290934
260	325	240	3	783	800	MC	3		290863
	325	120-208	3	903	900	NC	3		290933
	325	480	3	391	400	LB	3	X-786-21	290790
	325	600	3	313	350	LB	3	X-786-20	290934

Suffix 48, Generator Heater 30 kW Thru 275 kW — Kit 291270

Description	Part Number	Description	Part Number
Spacer (4) 1/20 x 9/32 x 1/4	X-400-31	Heater, strip (2)	291269

Accessories

Suffix 51, Alarm Horn

12 Volt — Kit 290740

Description	Part Number	Description	Part Number
Ring, lock	151511	Nut, horn	283747
Grommet	243320	Board, circuit	A-287924
Relay, 12 volt	245748	Clip, component	287949
Switch, toggle	268015	Flasher	287950
Horn, warning	268564	Harness, wire	287951
Bracket, horn	283746	Nameplate	289932
Diode	255197		

24 Volt — Kit 290741

Description	Part Number	Description	Part Number
Ring, lock	151511	Board, circuit	A-287924
Switch, toggle	268015	Clip, component	287949
Horn, warning	283745	Flasher	287950
Bracket, horn	283746	Harness, wire	287951
Nut, horn	283747	Nameplate	289932
Relay, 24 volt	287793	Grommet	243320
Diode	255198		

Suffix 52 - Muffler Mounting, Industrial

30 kW (D2300) — Kit 290887

Description	Part Number	Description	Part Number
Hose, flex	X-797-1	Stud, hold-down (4)	290869
Strap, muffler (2)	290864	Disc, rain	291118
Bracket, muffler (2)	290866		

30 kW (G2300) — Kit 290888

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290866
Muffler	285127	Stud, hold-down (4)	290869
Clamp, exhaust (3)	286286	Disc, rain	291119
Strap, muffler (2)	290864		

Accessories

45 kW, 55 kW (G3400) — Kit 290890

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290866
Muffler	285127	Stud, hold-down (4)	290869
Clamp, exhaust (3)	286286	Disc, rain	291119
Strap, muffler (2)	290864		

60 kW, 75 kW (D3400T) — Kit 290891

Description	Part Number	Description	Part Number
Line, fuel	X-797-2	Bracket, muffler (2)	290866
Muffler	285127	Stud, hold-down (4)	290869
Clamp, exhaust (3)	286286	Disc, rain	291119
Strap, muffler (2)	290864		

70 kW (Ford) — Kit 291477

Description	Part Number	Description	Part Number
Hose, flex	X-797-1	Bracket, muffler (2)	290866
Muffler	285127	Stud, hold-down (4)	290869
Strap, muffler (2)	290864	Disc, rain	291118

70 kW (Chrysler) — Kit 290892

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Support, muffler (2)	290866
Muffler	285127	Stud, hold-down (4)	290869
Clamp, muffler (3)	286286	Disc, rain	291118
Strap, muffler (2)	290864		

85 kW — Kit 290893

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290866
Muffler	285127	Stud, hold-down (4)	290869
Clamp (2)	286286	Disc, rain (2)	291120
Strap, muffler (2)	290864		

Accessories

100 kW — Kit 290894

Description	Part Number	Description	Part Number
Hose, flex	X-797-3	Strap, muffler (2)	290872
Muffler, exhaust	285086	Bracket, muffler (2)	290873
Clamp, exhaust	289372	Adapter, exhaust	290876
Stud, hold down (4)	290869	Disc, rain (2)	291121

125 kW — Kit 291403

Description	Part Number	Description	Part Number
Clamp, muffler	X-722-3	Stud, hold-down (4)	290869
Muffler, exhaust	285086	Strap, muffler (2)	290872
Bracket, muffler (2)	290867	Disc, rain	291376

130 kW, 150 kW — Kit 290895

Description	Part Number	Description	Part Number
Muffler, exhaust	285086	Bracket, muffler (2)	290867
Clamp, exhaust	289372	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain (2)	291121

175 kW — Kit 291189

Description	Part Number	Description	Part Number
Muffler (disc.)	289011	Bracket, muffler (2)	290875
Stud, hold-down (4)	290869	Disc, rain (2)	291125
Strap, muffler (2)	290874		

250 kW — Kit 291103

Description	Part Number	Description	Part Number
Muffler (disc.)	289011	Support, silencer (2) (disc.)	290984
Strap, silencer (2)	290874	Disc (2) (disc.)	291123
Stud, hold-down (4)	290869		

Accessories

230 kW, 260 kW — Kit 291262

Description	Part Number	Description	Part Number
Muffler (disc.)	289011	Bracket, muffler (2)	290875
Stud, hold-down (4)	290869	Disc, rain (2)	291122
Strap, muffler (2)	290874		

Suffix 53 - Muffler Mounting Residential

30 kW (D2300) — Kit (Nelson) 290896

Description	Part Number	Description	Part Number
Hose, flex	X-797-1	Bracket, muffler (2)	290866
Silencer, residential (disc.)	290482	Stud, hold-down (4)	290869
Strap, muffler (2)	290864	Disc, rain	291118

30 kW (D2300) — Kit (Maxim) 290946

Description	Part Number	Description	Part Number
Hose, flex	X-797-1	Bracket, muffler (2)	290866
Silencer	285720	Stud, hold-down (4)	290869
Strap, muffler (2)	290864	Disc, rain	291118

30 kW (G2300) — Kit (Nelson) 290897

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp (3)	286286	Stud, hold-down (4)	290869
Muffler (disc.)	290484	Disc, rain	291119
Strap, muffler (2)	290865		

30 kW (G2300) — Kit (Maxim) 290921

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Muffler	285775	Stud, hold-down (4)	290869
Clamp, exhaust (3)	286286	Disc, rain	291119
Strap, muffler (2)	290865		

Accessories

45 kW — Kit (Nelson) 290898

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust pipe (3)	286286	Stud, hold-down (4)	290869
Silencer, residential (disc.)	290484	Disc, rain	291119
Strap, muffler (2)	290865		

45 kW, 55 kW — Kit (Nelson) 290899

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust pipe (3)	286286	Stud, hold down (4)	290869
Silencer, residential (disc.)	290484	Disc, rain	291119
Strap, muffler (2)	290865		

45 kW, 55 kW — Kit (Maxim) 291727

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Silencer	285775	Stud, hold-down (4)	290869
Clamp, exhaust (3)	286286	Disc, rain	291119
Strap, muffler (2)	290865		

60 kW (D3300T), 75 kW (D3400T) — Kit 290900

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust pipe (3)	286286	Stud, hold-down (4)	290869
Silencer (disc.)	290484	Disc, rain	291119
Strap, muffler (2)	290865		

70 kW (Ford) — Kit 291478

Description	Part Number	Description	Part Number
Hose, flex	X-797-1	Bracket, muffler (2)	290867
Silencer (disc.)	290484	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain	291118

Accessories

70 kW (Chrysler) — Kit 290901

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Support, silencer (2)	290867
Clamp (3)	286286	Stud, hold-down (4)	290869
Silencer (disc.)	290484	Disc, rain	291119
Strap, silencer (2)	290865		

75 kW (D4800) — Kit (Nelson) 291324

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust (2)	286286	Stud, hold-down (4)	290869
Silencer (disc.)	290484	Disc, rain (2)	291120
Strap, muffler (2)	290865		

75 kW — Kit (Maxim) 291421

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Silencer	285775	Stud, hold-down (4)	290869
Clamp, exhaust (2)	286286	Disc, rain (2)	291120
Strap, muffler (2)	290865		

85 kW — Kit 290902

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust (2)	286286	Stud, hold-down (4)	290869
Silencer (disc.)	290484	Disc, rain (2)	291120
Strap, muffler (2)	290865		

100 kW — Kit (Nelson) 290903

Description	Part Number	Description	Part Number
Hose, flex	X-797-3	Strap, muffler (2)	290872
Clamp, exhaust	289372	Bracket, muffler (2)	290873
Silencer (disc.)	290486	Adapter, exhaust	290876
Stud, hold-down (4)	290869	Disc, rain (2)	291121

Accessories

100 kW — Kit (Maxim) 291308

Description	Part Number	Description	Part Number
Hose, flex	X-797-3	Strap, muffler (2)	290872
Muffler (disc.)	285054	Bracket, muffler (2)	290873
Clamp, exhaust	289372	Adapter, exhaust	290876
Stud, hold-down (4)	290869	Disc, rain	291121

125 kW — Kit 291405

Description	Part Number	Description	Part Number
Clamp, muffler	X-722-3	Stud, hold-down (4)	290869
Silencer (disc.)	290486	Strap, muffler (2)	290865
Bracket, muffler (2)	290867	Disc, rain	291376

150 kW — Kit (Nelson) 290904

Description	Part Number	Description	Part Number
Clamp, exhaust	289372	Bracket, muffler (2)	290867
Silencer (disc.)	290486	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain (2)	291121

150 kW — Kit (Maxim) 291342

Description	Part Number	Description	Part Number
Clamp, muffler	X-722-3	Bracket, muffler (2)	290867
Muffler (disc.)	285054	Stud, hold-down (4)	290869
Clamp, exhaust pipe	289372	Disc, rain (2)	291121
Strap, muffler (2)	290865		

175 kW — Kit 291178

Description	Part Number	Description	Part Number
Silencer, residential (disc.)	290488	Bracket, muffler (2)	290875
Stud, hold-down (4)	290869	Disc, rain (2)	291376
Strap, muffler (2)	290874		

230, 260 kW — Kit 291134

Description	Part Number	Description	Part Number
Silencer, residential (disc.)	290488	Bracket, muffler (2)	290875
Stud, hold-down (4)	290869	Disc, rain (2)	291122
Strap, muffler (2)	290874		

250 kW — Kit 290987

Description	Part Number	Description	Part Number
Silencer (disc.)	290488	Support, silencer (2) (disc.)	290984
Stud, hold-down (4)	290869	Disc, rain (2)	291123
Strap, silencer (2)	290874		

Suffix 54 - Muffler Mounting, Critical 30 kW (D2300) — Kit (Nelson) 290905

Description	Part Number	Description	Part Number
Hose, flex fuel	X-797-1	Bracket, muffler (2)	290866
Silencer (disc.)	290494	Stud, hold-down (4)	290869
Strap, muffler (2)	290864	Disc, rain	291118

30 kW (D2300) — Kit (Maxim) 291343

Description	Part Number	Description	Part Number
Hose, flex fuel	X-797-1	Bracket, muffler (2)	290867
Muffler (disc.)	289715	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain	291118

30 kW (G2300) — Kit 290906

Description	Part Number	Description	Part Number
Hose, flex fuel	X-797-2	Stud, hold-down (4)	290869
Muffler	290496	Disc, rain	291119
Strap, muffler (2)	290865	Clamp (3)	286286
Bracket, muffler (2)	290867		

Accessories

45 kW (D3400) — Kit 290907

Description	Part Number	Description	Part Number
Hose, flex fuel	X-797-2	Bracket, muffler (2)	290867
Muffler (disc.)	290496	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain	291119

45 kW, 55 kW (G3400) — Kit (Nelson) 290908

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust (3)	286286	Stud, hold-down (4)	290869
Muffler (disc.)	290496	Disc, rain	291119
Strap, muffler (2)	290865		

45 kW, 55 kW (G3400), Kit (Maxim) 290917

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Strap, muffler (2)	290865
Clamp, exhaust (3)	286286	Bracket, muffler (2)	290867
Muffler (disc.)	290495	Stud, hold-down (4)	290869
Box, controller	287417	Disc, rain	291119

60 kW, 60 kW (D3300T), 75 kW (D3400T) — Kit 290909

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust (3)	286286	Stud, hold-down (4)	290869
Muffler (disc.)	290496	Disc, rain	291119
Strap, muffler (2)	290865		

70 kW (Ford) — Kit 291479

Description	Part Number	Description	Part Number
Hose, flex	X-797-1	Bracket, muffler (2)	290867
Muffler (disc.)	290496	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain	291118

Accessories

70 kW (Chrysler) — Kit 290910

Description	Part Number	Description	Part Number
Hose, flex, exhaust	X-797-2	Support, silencer (2)	290867
Clamp (3)	286286	Stud, hold-down (4)	290869
Silencer (disc.)	290496	Disc, rain	291119
Strap, muffler (2)	290865		

75 kW (D4800) — Kit 291341

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust (2)	286286	Stud, hold-down (4)	290869
Muffler (disc.)	290496	Disc, rain (2)	291120
Strap, muffler (2)	290865		

85 kW — 290911

Description	Part Number	Description	Part Number
Hose, flex	X-797-2	Bracket, muffler (2)	290867
Clamp, exhaust (2)	286286	Stud, hold-down (4)	290869
Muffler (disc.)	290496	Disc, rain (2)	291120
Strap, muffler (2)	290865		

100 kW — Kit 290912

Description	Part Number	Description	Part Number
Hose, flex	X-797-3	Strap, muffler (2)	290865
Clamp, exhaust	289372	Bracket, muffler (2)	290873
Muffler (disc.)	290490	Adapter, exhaust	290876
Stud, hold-down (4)	290869	Disc, rain (2)	291121

125 kW — Kit 291404

Description	Part Number	Description	Part Number
Muffler (disc.)	290490	Strap, muffler (2)	290865
Bracket, muffler (2)	290867	Disc, rain	291376
Stud, hold-down (4)	290869		

Accessories

130, 150 kW — Kit 290913

Description	Part Number	Description	Part Number
Clamp, exhaust	289372	Bracket, muffler	290867
Muffler (disc.)	290490	Stud, hold-down (4)	290869
Strap, muffler (2)	290865	Disc, rain (2)	291121

160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW — Kit 290944

Description	Part Number	Description	Part Number
Muffler (disc.)	290493	Bracket, muffler (2)	290875
Stud, hold-down (4)	290869	Disc, rain (2)	291121
Strap, muffler (2)	290874		

250 kW — Kit 291196

Description	Part Number	Description	Part Number
Silencer (disc.)	290493	Bracket, muffler (2) (disc.)	290984
Stud, hold-down (4)	290869	Disc, rain (2) (disc.)	291123
Strap, muffler (2)	290874		

Suffix 55 - Battery Rack 30 kW Thru 85 kW — Kit 291289

Description	Part Number	Description	Part Number
Stud, battery hold-down (2)	274200	Rack, battery	290389
Clamp, battery	288614		

75 kW, 100 kW (D4800T) — Kit 291290

Description	Part Number	Description	Part Number
Stud, battery (6)	274200	Rack, battery (2)	291089
Clamp, battery (2)	288611		

Accessories

125 kW, 150 kW — Kit 291291

Description	Part Number	Description	Part Number
Stud, battery (2)	234105	Rack, battery	291101
Clamp, battery	289566		

175 kW — Kit 291292

Description	Part Number	Description	Part Number
Stud, battery (5)	274200	Clamp, battery (disc.)	290732
Rack, battery (2) (disc.)	290698		

160 kW, 180 kW, 230 kW, 250 kW, 260 kW, 275 kW — Kit 291293

Description	Part Number	Description	Part Number
Stud, battery (3)	274085	Rack, battery	290413
Clamp, battery	289700		

Loose Accessories Controller Cables, 40'

Description	Part Number	Description	Part Number
Lower (disc.)	287974	Upper (disc.)	287977

Fast Check — Kit A-287871

Description	Part Number	Description	Part Number
Circuit Board	B-287848	Nut, dress	287873

8 Gallon Fuel Tank, 50 Hz, 1Ø — Kit A-291199

Description	Part Number	Description	Part Number
Strip, terminal	X-405-1	Bracket, tank (2)	289399
Box, junction	266468	Elbow, fuel outlet	289400
Cover, box	266469	Valve, shut-off	255612
Switch, float	286986	Pump, motor (220V, AC)	A-290171
Tank, fuel	A-289394	Plate	286980
Support, tank (2)	289398		

Accessories

8 Gallon Fuel Tank, 60 Hz, 1Ø — Kit A-289779

Description	Part Number	Description	Part Number
Strip, terminal	X-405-1	Support, tank (2)	289398
Box, junction	266468	Bracket, tank (2)	289399
Cover, box	266469	Elbow, fuel outlet	289400
Switch, float	286986	Valve, shut-off	255612
Tank, fuel	A-289394	Pump, fuel (115V, AC)	A-290024

8 Gallon Fuel Tank, 50/60 Hz, 1Ø, 3Ø — Kit A-289590

Description	Part Number	Description	Part Number
Strip, terminal	X-405-1	Spacer, rubber	286985
Box, junction	266468	Switch, float	286986
Cover, box	266469	Tank, fuel	A-289394
Pump, fuel	286981	Support, tank (2)	289398
Motor, electric (3Ø, 220V)	286982	Bracket, tank (2)	289399
Coupling (4X178)	286983	Elbow, fuel outlet	289400
Coupling (4X179)	286984	Valve, shut-off	255612

20 Gallon Fuel Tank, 50 Hz, 1Ø — Kit A-290172

Description	Part Number	Description	Part Number
Strip, terminal	X-405-1	Support, tank (2)	289398
Box, conduit	266468	Bracket, tank (3)	289399
Cover, conduit	266469	Elbow, fuel outlet	289400
Base, pump (disc.)	286980	Valve, shut-off	255612
Switch, float	286986	Bracket, fuel tank (disc.)	290052
Tank, fuel	A-289395	Pump, fuel	A-290171

20 Gallon Fuel Tank, 60 Hz, 1Ø — Kit A-290051

Description	Part Number	Description	Part Number
Strip, terminal	X-405-1	Support, tank (2)	289398
Box, conduit	266468	Bracket, tank (3)	289399
Base, pump (disc.)	286980	Elbow, fuel inlet	289400
Cover, conduit	266469	Valve, shut-off	255612
Switch, float	286986	Pump, fuel	A-290024
Tank, fuel	A-289395	Bracket, fuel tank (disc.)	290052

Accessories

20 Gallon Fuel Tank, 50/60 Hz, 1Ø & 3Ø — Kit A-290054

Description	Part Number	Description	Part Number
Strip, terminal	X-405-1	Switch, float	286986
Box, junction	266468	Valve, shut-off	255612
Cover, box	266469	Tank, fuel 20 gallon	A-289395
Base (disc.)	286980	Support, tank (2)	289398
Pump, fuel	286981	Bracket, tank (3)	289399
Motor	286982	Elbow, fuel outlet	289400
Coupling (4X178)	286983	Support, tank (disc.)	290052
Coupling (4X179)	286984		

Annunciator Panel, 16 Light — Kit 291069

Description	Part Number	Description	Part Number
Connector Box Assembly	A-287808	Screw, nylon (4) (disc.)	291750
Board assembly, annunciator	A-287800	Screw, nylon binder (3) (disc.)	291756
Washer, nylon (4) (disc.)	287806		

Decision Maker Dry Contact Kit (12 Volt) — Kit A-291307

Description	Part Number	Description	Part Number
Relay (5)	241600	Socket, assembly (5)	291273
Board, circuit (5)	A-287924	Box, junction	291311

Decision Maker Dry Contact Kit (24 Volt) — Kit A-291312

Description	Part Number	Description	Part Number
Board, circuit (5)	A-287924	Relay (5)	291309
Socket, assembly (5)	291273	Box, junction	291311

Notes