

# **KOHLER** GENERATORS

**parts listing for**

**R SERIES**

**all models**

# Air Intake 101

## 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose (2)	101-2	12	259368	Base, air cleaner	101-2	16
259673	Gasket, air cleaner	101-2	8	259369	Cover, air filter	101-2	20
259672	Adapter, air cleaner	101-2	7	259761	Hold-down, filter	101-2	18
A-259763	Air filter assembly	101-2	22	259376	Seal, air cleaner (2)	101-2	21
259363	Element, air cleaner	101-2	17	259377	Seal, air cleaner (2)	101-2	19

## 15RMY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
256262	Bracket, air cleaner	101-2	9	A-269441	Cleaner, air	101-2	1

## 17.5ROY 22.5ROZ 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose (2)	101-2	12	259523	Adapter, air cleaner (22.5ROZ)	101-2	11
258311	Bracket, air cleaner	101-2	15				
A-269441	Cleaner, air	101-2	1				

## 22.5RZ 32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-269441	Air cleaner assembly	101-2	1	285726	Bracket, air cleaner (32.5RZ)	101-2	13
258538	Bracket, air cleaner (22.5RZ)	101-2	10				

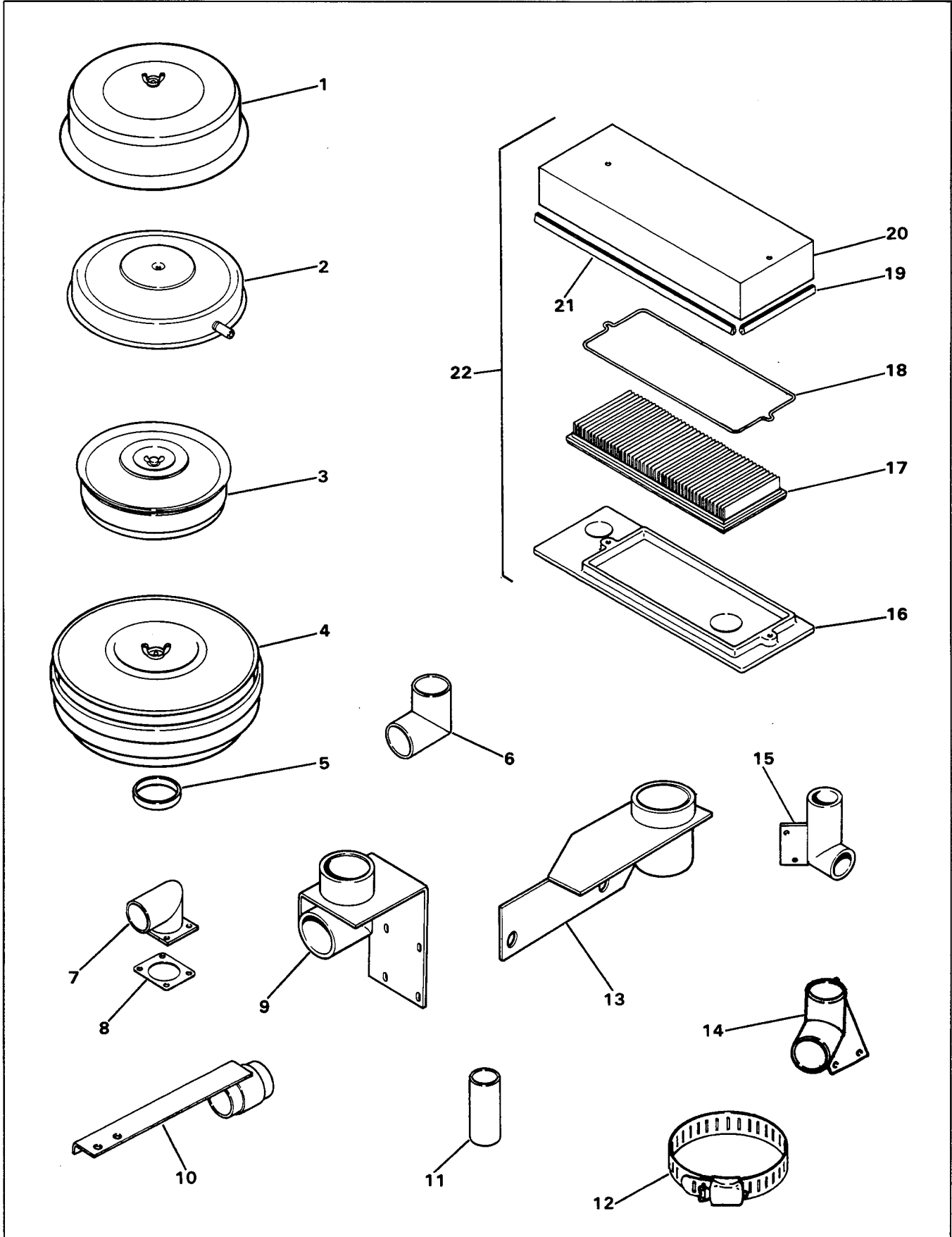
## 32.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-270970-P	Cleaner, air	101-2	4 (Discont'd)				

## 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-269441	Air cleaner assembly	101-2	1	280528	Spacer (2)		(not shown)
259964	Bracket, air cleaner	101-2	14	291968	Elbow, air cleaner	101-2	6

# Air Intake 101



## DIESEL 10RMOY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250562	Arm, solenoid	103-3	22	250569	Bracket, solenoid	103-5	40
250566	Ball, joint	103-5	39	259432	Solenoid, linear fuel	103-5	36

## 15ROY 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
235496	Spring	103-3	17	259781	Bracket, solenoid (linear)	103-5	38
241074	Joint, ball	103-3	20	259782	Rod, solenoid (linear)	103-4	24
243035	Bushing (15ROY)	103-3	19	259072	Rod, solenoid (15ROY)	103-4	24
259011	Plate, fuel block (15ROY)	103-4	34	285960	Block, fuel (15ROY)	103-3	14
259012	Line, block to pump (15ROY)	103-3	23	286346	Solenoid (12 volt DC) (use with specs 10426A and below)	103-3	15
259018	Bracket, spring	103-4	31	286546	Arm, solenoid	103-3	22
259071	Bracket, solenoid mtg. (15ROY)	103-4	33	259528	Rod, fuel shut off (22.5ROZ)	103-4	25
259432	Solenoid, linear (use with specs 10427A and up)	103-5	36	259529	Bracket, solenoid mtg. (22.5ROZ)	103-4	35
259780	Bracket, actuator (linear)	103-5	37				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
235496	Spring, governor	103-3	17	258415	Bracket, spring	103-4	31
241074	Ball joint	103-3	20	259432	Solenoid, linear fuel	103-5	36
258407	Rod, fuel shutoff	103-4	24	259780	Bracket, actuator (linear)	103-5	37
258408	Bracket, solenoid	103-4	50				

## 32.5ROZ 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
286332	Spring	103-3	16	290437	Bracket, spring	103-4	30

## GASOLINE 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
B-258506	Pump assembly	103-3	4	280007	Gasket	103-3	18
A-258507	Carburetor assembly	103-3	3	271150	Stud (2)	103-4	28

# Fuel System

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### 32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
230455	Stud, carburetor (2)	103-4	28	A-291420	Pump, fuel	103-3	7
271097	Joint, ball	103-3	21	A-290250	Carburetor assembly	103-3	1
285811	Rod, throttle	103-4	27				

### STRAIGHT GAS

#### 15RMY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
244621	Valve, gas	103-3	9	256298	Bracket, fuel line	103-5	41
A-256265	Carburetor	103-3	6	258530	Bracket, fuel valve	103-4	32
256297	Adapter, carburetor	103-3	5	256333	Lever assembly, throttle	103-5	47
258024	Gasket, exhaust flange (2)	103-3	18	259987	Rod, governor	103-4	24
291259	Regulator, pressure	103-3	13				

### 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
244621	Valve, fuel (12 volt DC)	103-3	9	280007	Gasket	103-3	18
258530	Bracket, fuel valve	103-4	32	A-285899	Carburetor, Impco	103-3	2
271097	Joint, ball (2)	103-3	21	291259	Regulator, pressure	103-3	13

### 32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
244914	Valve, gas (12 volt DC)	103-3	9	285898	Rod, governor	103-4	26
259811	Bracket, pipe	103-4	29	A-285899	Carburetor, Impco "100"	103-3	2
271097	Joint, ball (2)	103-3	21	291259	Regulator, pressure	103-3	13

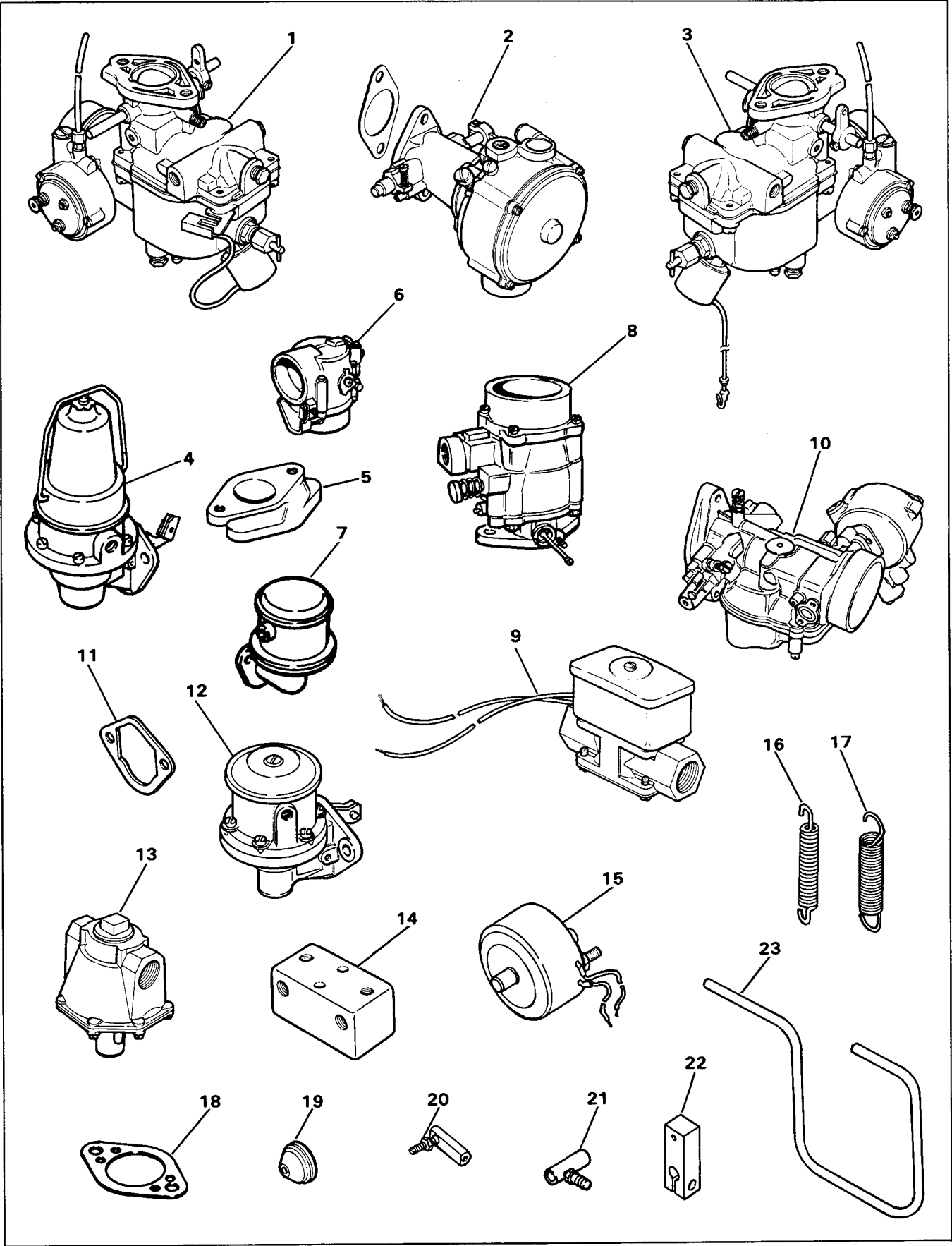
### COMBINATION GAS/GASOLINE

#### 15RMY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
244621	Valve, gas	103-3	9	256284	Strainer, fuel	103-5	46
A-256266	Carburetor, gas	103-3	8	256285	Pump, fuel	103-3	12
A-256268	Carburetor, gasoline	103-3	10	258024	Gasket, exhaust flange	103-3	18
256270	Bracket, diaphragm	103-5	42	265462	Line, flexible fuel	103-5	48
256271	Rod, diaphragm	103-5	43	270100	Spring	103-5	49
256280	Adapter	103-5	44	291259	Regulator, pressure	103-3	13
256282	Gasket, adapter	103-5	45	256298	Bracket, fuel line	103-5	41
256283	Gasket, fuel pump	103-3	11	258530	Bracket, fuel valve	103-4	32

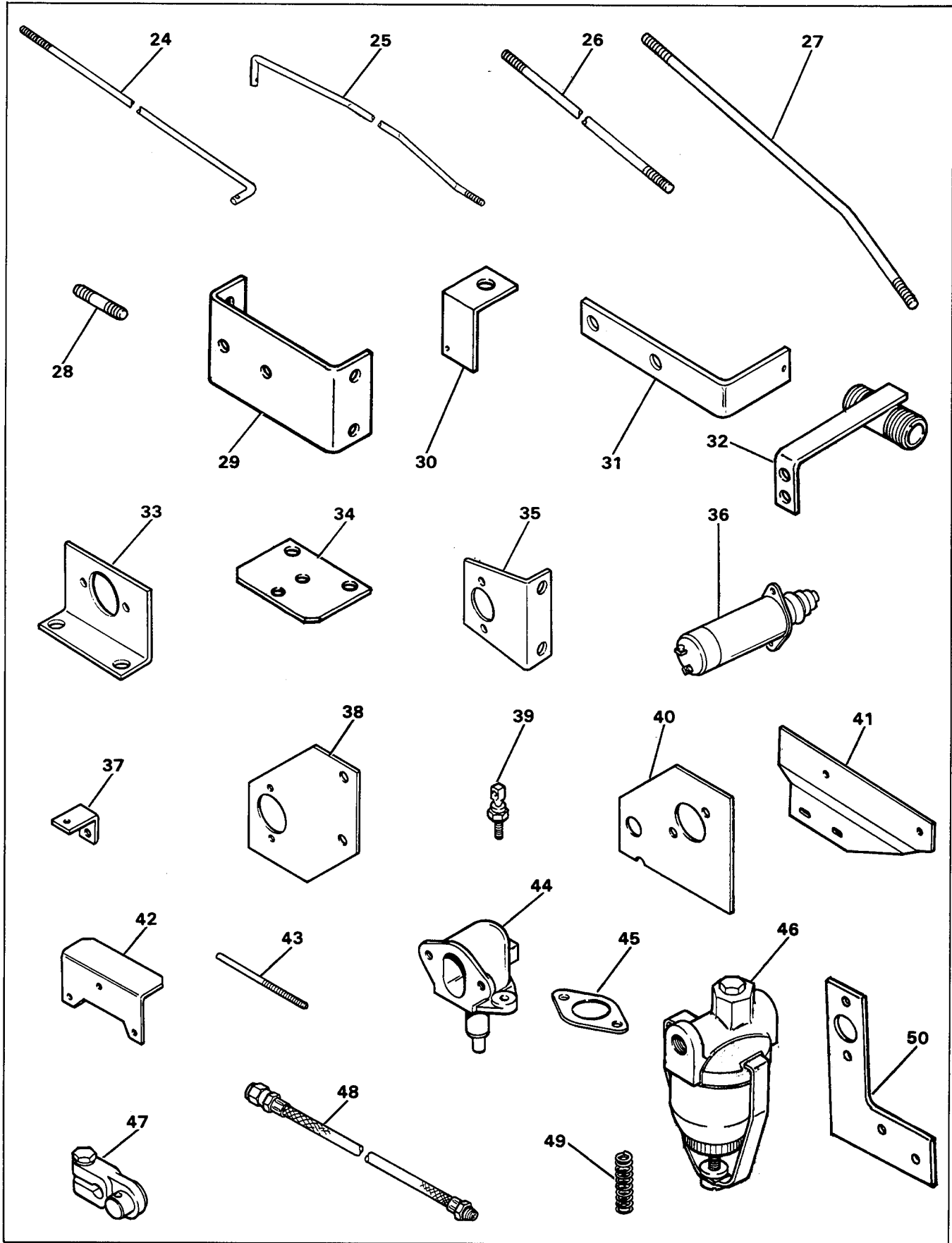
# Fuel System

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# Fuel System

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### RADIATOR 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-258504	Radiator, assembly	104-7	7	259430	Shroud, housed radiator	104-7	9
258552	Support, radiator	104-9	35	259410	Stiffener	104-7	11
258553	Support, radiator	104-9	36	259418	Shroud, radiator	104-7	10
259194	Fan	104-8	16	259419	Shroud, radiator	104-7	9
259197	Spacer, fan	104-8	15	259420	Panel, rear	104-7	4
259902	Shroud, fan	104-9	32	249421	Cover, radiator shroud	104-7	8
259330	Tube, water	104-10	64	259506	Hose, radiator	104-10	58
259333	Belt	104-8	17	259422	Panel, front	104-7	12
259428	Shroud, housed radiator	104-7	10				

### 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-528-5	Hose, lower radiator	104-10	56	259504	Fan	104-8	14
258300	Housing, thermostat	104-12	118	259652	Shroud	104-7	10
258322	Hose, upper radiator	104-10	62	259653	Cover, radiator shroud	104-7	8
258323	Panel, rear	104-7	1	259675	Shroud, radiator	104-7	9
258327	Support, radiator	104-9	35	259866	Shroud, fan	104-9	31
258328	Support, radiator	104-9	36	A-269491	Radiator	104-7	7
259411	Stiffener, shroud	104-7	11	258622	Gasket, thermo	104-12	135
259422	Panel, front	104-7	12				

### 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-258504	Radiator assembly	104-7	7	259653	Cover, radiator shroud	104-7	8
259411	Stiffener, shroud	104-7	11	259675	Shroud, radiator	104-7	9
259422	Panel, front	104-7	12	259697	Support, radiator	104-9	34
259504	Fan	104-8	14	259698	Support, radiator	104-9	33
259866	Shroud, fan	104-9	31	259865	Hose, lower	104-10	67
259635	Hose, upper	104-10	62	259863	Bracket, overflow bottle	104-10	71
259637	Belt	104-8	17	259864	Tank, overflow	104-10	70
259642	Panel, rear	104-7	2	259429	Shroud, housed radiator	104-7	10
259652	Shroud, radiator	104-7	10	259431	Shroud, housed radiator	104-7	9

### 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-258504	Radiator assembly	104-7	7	259430	Shroud, housed radiator	104-7	9
258531	Fan	104-8	13	259418	Shroud, radiator	104-7	10
258547	Panel, rear	104-7	1	259419	Shroud, radiator	104-7	9
258552	Support, radiator	104-9	35	259421	Cover, radiator shroud	104-7	8
258553	Support, radiator	104-9	36	259422	Panel, front	104-7	12
259410	Stiffener, shroud	104-7	11	258557	Shroud, fan	104-9	31
259428	Shroud, housed radiator	104-7	10	259787	Shroud, fan (housed)	104-9	31

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## 32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258531	Fan	104-8	13	A-269491	Radiator assembly	104-7	7
259411	Stiffener, shroud	104-7	11	269981	Panel, rear	104-7	3
259422	Panel, front	104-7	12	269989	Hose, radiator upper	104-10	63
259652	Shroud, radiator LS	104-7	10	269991	Hose, radiator lower	104-10	54
259653	Cover, radiator shroud	104-7	8	259863	Bracket, overflow bottle	104-10	71
259675	Shroud, radiator RS	104-7	9	259864	Tank, overflow	104-10	70
259735	Support, radiator	104-9	33	259429	Shroud, radiator housed	104-7	10
259736	Support, radiator	104-9	34	259431	Shroud, radiator housed	104-7	9
259787	Shroud, fan	104-9	31				

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Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258531	Fan	104-8	13	269989	Hose, radiator upper	104-7	6
259411	Stiffener, shroud	104-7	11	269991	Hose, radiator lower (32.5 kW)	104-10	54
259422	Panel, front	104-7	12	269982	Panel, rear (32.5 kW)	104-7	6
259652	Shroud, radiator	104-7	10	282614	Elbow (47.5 kW)	104-10	66
259653	Cover, radiator shroud	104-7	8	291905	Panel, rear (47.5 kW)	104-7	5
259675	Shroud, radiator (RS)	104-7	9	291920	Hose, radiator lower (47.5 kW)	104-10	54 (Discont'd)
259735	Support, radiator	104-9	33	259431	Shroud, radiator housed	104-7	10
259736	Support, radiator	104-9	34	259863	Bracket, overflow bottle	104-10	71
259787	Shroud, fan	104-9	31	259864	Tank, overflow	104-10	70
259429	Shroud, radiator housed	104-7	10				
A-269491	Radiator assembly	104-7	7				

## REMOTE RADIATOR

### 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
230993	Hose	104-10	60	259187	Gasket, exhaust (2)	104-11	112
259023	Gasket, exhaust flange	104-12	122	259196	Manifold	104-11	111
259024	Flange, exhaust	104-12	121	259461	Guard, belt	104-8	28
259180	Elbow, hose	104-11	113	259772	Bracket, belt guard	104-8	21
259181	Housing, thermostat	104-12	117	259773	Guard, belt	104-8	22
259185	Support, guard	104-8	29				

### 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258300	Housing, thermostat	104-12	118	A-259508	Manifold	104-11	96
258339	Flange, exhaust	104-12	123	259535	Gasket, exhaust	104-12	130
258340	Shield, exhaust	104-8	27	259911	Cap, rubber (2)	104-11	110
258342	Hose, molded	104-10	61	259912	Tube, manifold	104-9	52
258345	Guard, belt	104-8	26	258622	Gasket, thermo	104-12	135
258346	Bracket, belt guard	104-10	77	259209	Cover, end (2) (17.5ROY)	104-11	109
258347	Bracket, belt guard	104-10	89				
258348	Bracket, belt guard	104-10	81				

### 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose	104-11	98	259574	Bracket, belt guard	104-10	90
259027	Gasket	104-12	120	259783	Guard, belt	104-8	26
A-259508	Manifold	104-7	8	259785	Bracket, belt guard	104-10	78
259534	Adapter, exhaust	104-12	123	259802	Shield, heat	104-8	27
259535	Gasket	104-12	130	259911	Cap, end	104-11	110
259537	Housing, thermostat	104-12	119	259912	Tube, manifold	104-11	99
259544	Bracket, belt guard	104-10	76	271705	Stud	104-9	52

### 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259874	Guard, belt	104-8	24	259876	Bracket, belt guard	104-10	88
259875	Bracket, belt guard	104-10	88				

### 32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose (2)	104-11	98	285498	Hose, molded upper	104-10	56
259880	Bracket, belt guard	104-10	83	285685	Adapter, hose	104-9	53
259881	Bracket, belt guard	104-10	80	286953	Gasket, manifold (4)	104-12	129
259882	Bracket, belt guard	104-10	84	290986	Manifold, exhaust	104-11	92
259883	Guard, belt	104-8	30				(Discont'd)

### 32.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose (4)	104-11	98	285261	Adapter, manifold inlet	104-12	131
259813	Bracket, belt guard	104-10	85	285668	Manifold, water cooled	104-11	93
259814	Guard, belt	104-8	23	285685	Adapter, hose	104-9	53
259815	Belt, fan	104-8	17	286953	Gasket, exhaust manifold (4)	104-12	129
285259	Hose, manifold inlet	104-10	55	290442	Bracket, belt guard	104-10	87
285255	Gasket, manifold	104-12	129				

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### 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250081	Clamp, hose	104-11	98	285685	Adapter, hose	104-9	53
259920	Belt	104-8	17	286953	Gasket, exhaust manifold (4)	104-12	129
259929	Gasket, turbocharger	104-12	125	290442	Bracket, belt guard	104-10	87
282614	Elbow	104-10	66	291953	Guard, belt	104-8	25
285188	Line, flex. fuel		(not shown)	291954	Arm, adjusting	104-10	74
285259	Hose, manifold inlet	104-10	55	291955	Manifold, water cooled	104-11	91

### CITY WATER COOLED

### 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
168848	Bushing, reducer	104-9	51	259827	Shield, heat	104-12	132
230993	Hose (2)	104-10	60	285685	Adapter, hose	104-9	53
259180	Elbow, hose	104-11	113	290176	Regulator, water	104-9	41
259181	Housing, thermostat	104-12	117	A-259186	Manifold assembly		(not shown)
259182	Elbow, water	104-11	114	259205	Manifold	104-11	107
259185	Support, guard	104-8	29	259206	Mixer, exhaust	104-11	104
259187	Gasket, exhaust (2)	104-11	112	259207	Outlet, exhaust	104-11	101
259553	Adpater, fan	104-9	53	259208	Tube, bundle	104-11	108
259764	Tubing, formed water	104-10	69	259209	Neoprene end cover	104-11	109
259768	Flange, exhaust	104-12	123	259210	Neoprene end cover	104-11	105
259770	Bracket, support	104-10	75	259211	Gasket	104-11	106
259771	Bracket, valve support	104-10	73	259212	Gasket	104-11	102
259772	Bracket, belt guard	104-8	21	259213	Screw (8 mm x 1.25 mm pitch 25 mm long)	104-11	103
259773	Guard, belt	104-8	22	259333	Belt	104-8	17
X-350-7	Valve, solenoid	104-9	46				

### 17.5ROY

### 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-350-7	Valve, solenoid	104-9	46	258345	Guard	104-8	26
258300	Housing, thermostat	104-12	118	258346	Bracket, belt guard	104-10	77
258330	Support	104-10	79	258347	Bracket, belt guard	104-10	89
258331	Bracket	104-10	90	258348	Bracket, belt guard	104-10	81
258338	Tube	104-10	59	A-259508	Manifold	104-11	96
258339	Flange, exhaust	104-12	123	259535	Gasket	104-12	130
258340	Shield	104-8	27	259553	Adapter	104-9	53
258342	Hose	104-10	61	290176	Regulator, water	104-9	41
				258622	Gasket, thermo	104-12	135

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## 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
168848	Bushing, reducer (2)	104-9	51	259553	Adapter, hose (2)	104-9	53
243035	Grommet	104-9	49	259574	Bracket	104-10	90
259027	Gasket	104-12	120	259783	Guard, belt	104-8	26
259209	Cover, end	104-11	95	259784	Adapter, water inlet	104-10	65
A-259508	Manifold	104-11	96	259785	Bracket, belt guard	104-10	78
259534	Adapter, exhaust	104-11	94	259786	Support, coupling	104-9	45
259535	Gasket	104-12	130	259802	Shield, heat	104-8	27
259537	Housing, thermostat	104-12	119	271705	Stud	104-9	52
259540	Gasket	104-12	120	290176	Regulator, water	104-9	41
259544	Bracket	104-10	76	X-350-7	Valve, solenoid	104-9	46
259551	Bracket	104-10	86	259637	Belt	104-8	17

## 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
258388	Gauge, thermometer	104-9	44	259867	Guard, belt (LH)	104-8	20
168848	Bushing, reducer	104-9	51	259868	Guard, belt (RH)	104-8	19
241260	Gasket, manifold	104-12	126	259869	Guard, belt top	104-8	18
241261	Gasket, manifold	104-12	127	259870	Tube, water	104-10	68
248324	Neck, fill	104-11	116	259871	Tee, side outlet	104-9	47
250081	Clamp (2)	104-11	98	265022	Hose	104-10	60
258037	Cap, pressure	104-11	97	286882	Cap, manifold	104-12	128
258514	Tank, surge	104-9	38	286883	Bundle, tube	104-12	134
258518	Guard, belt front	104-9	39	286886	Support, tube bundle	104-12	133
258519	Support, tank (2)	104-9	37	290176	Regulator, water	104-9	41

## 32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
151385	Elbow, street (2)	104-9	48	259883	Guard, belt	104-8	30
151771	Elbow, pipe	104-9	50	285498	Hose, molded upper	104-10	56
153016	Bushing, reducing	104-9	51	285669	Exchanger, Perfex	104-9	42
168848	Bushing, reducing	104-9	51	285685	Adapter, hose	104-9	53
243035	Grommet	104-9	49	286272	Gasket, thermostat mtg.	104-12	124
A-248312	Adapter, pressure cap	104-11	115	286634	Hose, molded elbow	104-10	55
250081	Clamp, hose (4)	104-11	98	286953	Gasket, manifold (4)	104-12	129
259879	Bracket, heat exchanger	104-9	40	A-289128	Regulator, water (AMOT)	104-9	43
259880	Bracket, belt guard	104-10	83	290367	Bracket, exchanger (2)	104-10	72
259881	Bracket, belt guard	104-10	80	290986	Manifold, exhaust	104-11	92
259882	Bracket, belt guard	104-10	84	X-350-7	Valve, solenoid	104-9	46

# Cooling System

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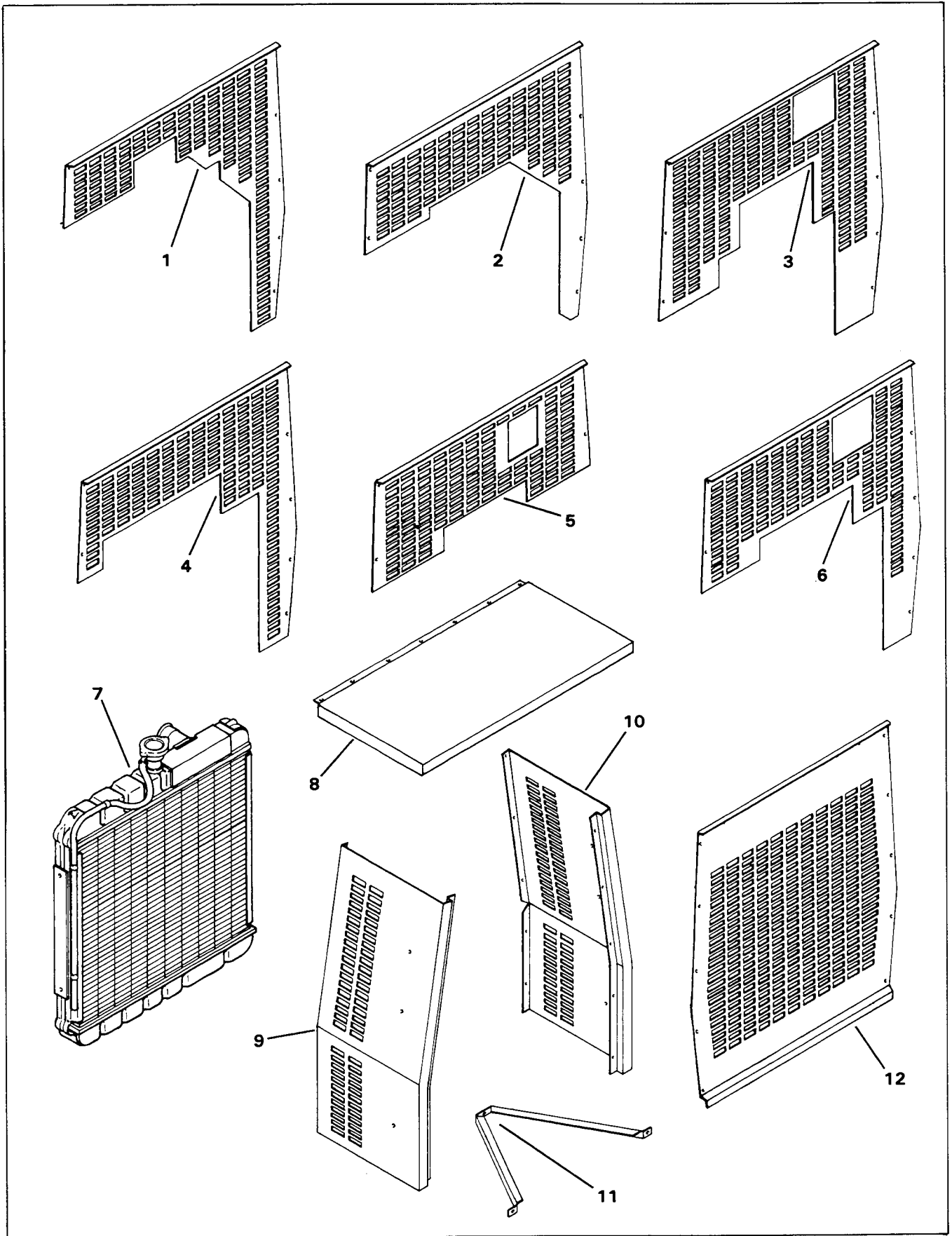
### 32.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241260	Gasket, manifold	104-12	126	285498	Hose, manifold	104-10	56
241261	Gasket, manifold	104-12	127	285685	Adapter, hose	104-9	53
243035	Grommet	104-9	49	286881	Manifold	104-11	100
248324	Neck	104-11	116	286882	Cap, manifold	104-12	128
258037	Cap, pressure	104-11	97	286883	Bundle, tube	104-12	134
259812	Bracket, water regulator	104-10	82	286886	Support, bundle tube	104-12	133
259813	Bracket, belt guard	104-10	85	286953	Gasket, exhaust manifold (4)	104-12	129
259814	Guard, belt	104-8	23	290176	Regulator, water	104-9	41
259815	Belt, V	104-8	17	290442	Bracket, belt guard	104-10	87
285255	Gasket, manifold	104-12	129	X-350-7	Valve, solenoid	104-9	46
285259	Hose, manifold inlet	104-10	55				
285261	Adapter, manifold inlet	104-12	131				

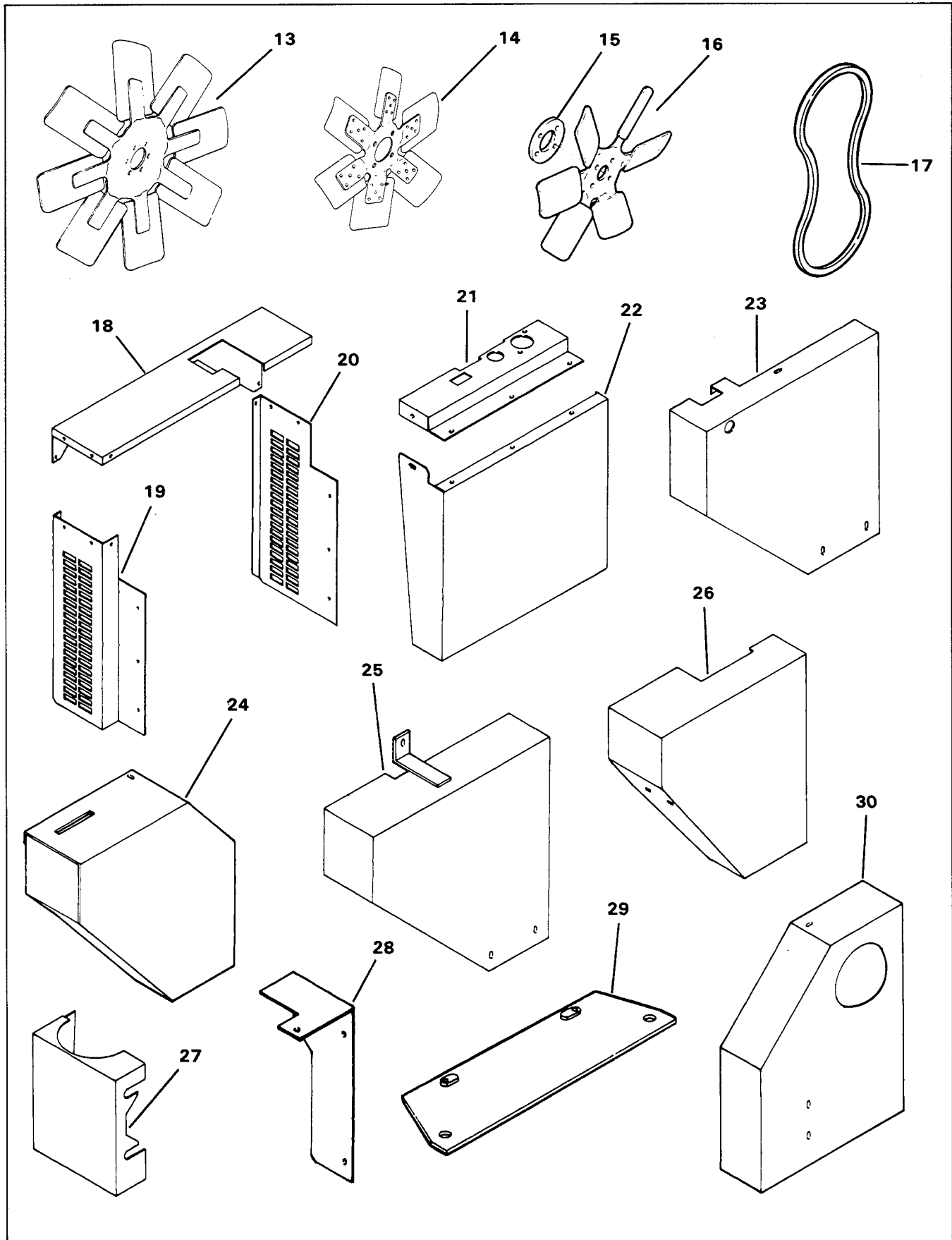
### 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
151385	Elbow	104-9	48	285259	Hose, manifold	104-10	55
151771	Elbow (3)	104-9	50	285669	Exchanger, heat	104-9	42
153016	Bushing (2)	104-9	51	285685	Adapter, hose (3)	104-9	53
168848	Bushing, reducer (2)	104-9	51	286953	Gasket, exhaust (4)	104-12	129
A-248312	Adapter, pressure cap	104-11	115	290176	Regulator, water	104-9	41
250081	Clamp, hose (10)	104-11	98	290367	Bracket, heat exchanger	104-10	72
259879	Bracket, heat exchanger	104-9	40	290442	Bracket, belt guard	104-10	87
259920	Belt	104-8	17	291920	Hose, radiator	104-10	54
259929	Gasket, turbocharger	104-12	125				(Discont'd)
282614	Elbow	104-10	66	291953	Guard, belt	104-8	25
285188	Line, flex. fuel	(not shown)		291954	Arm, adjusting	104-10	74
				291955	Manifold, water cooled	104-11	91

# Cooling System 104

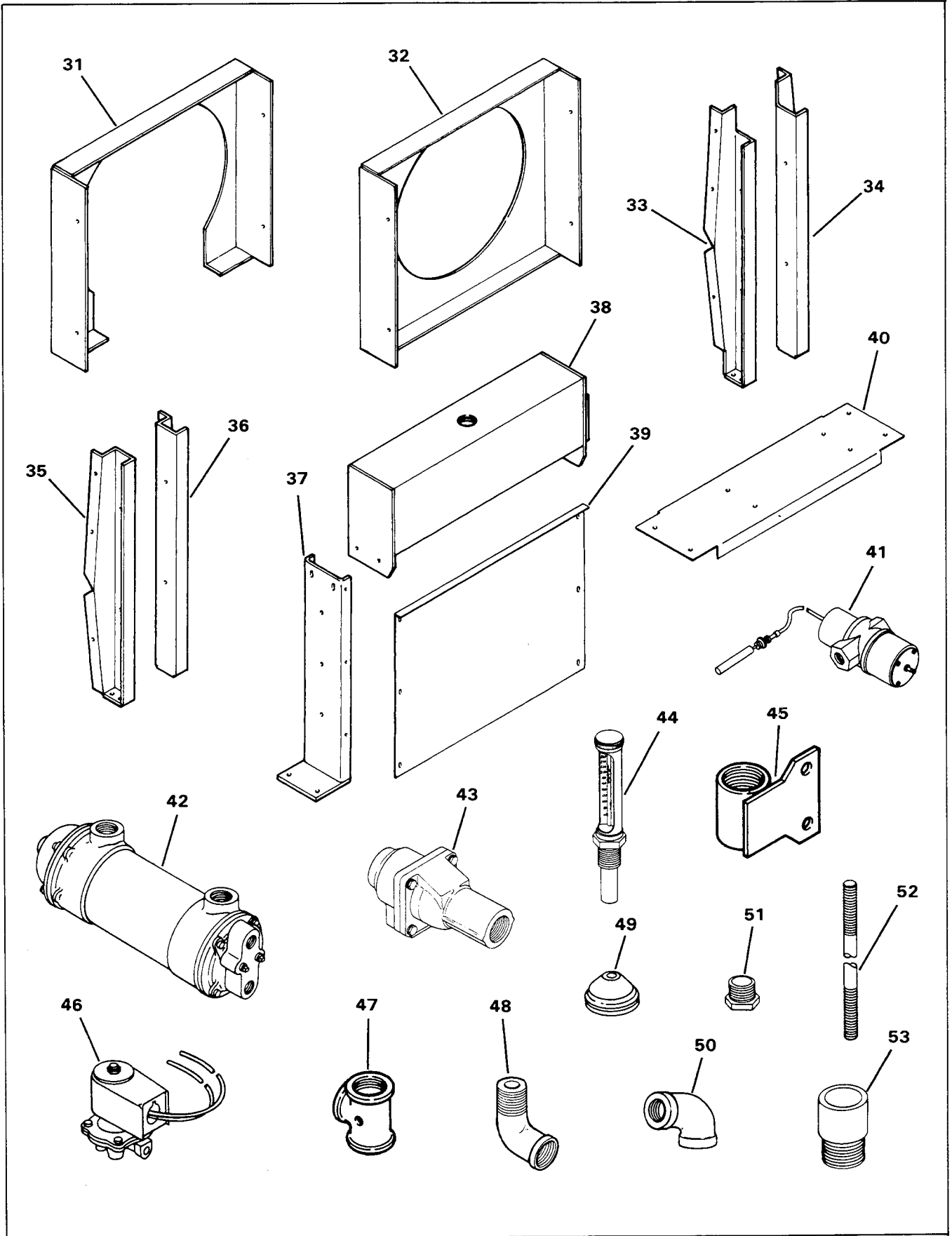


# Cooling System 104

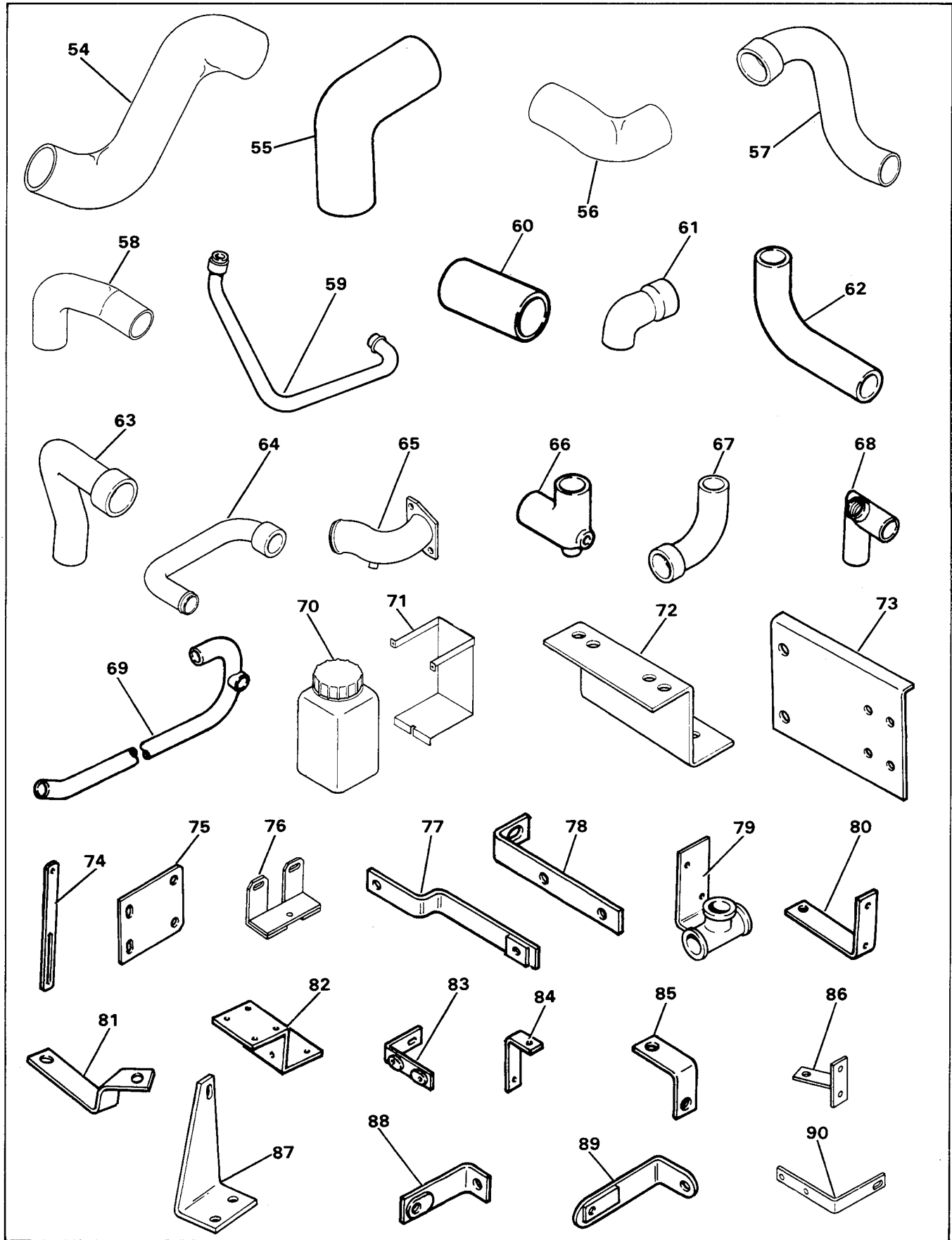


# Cooling System

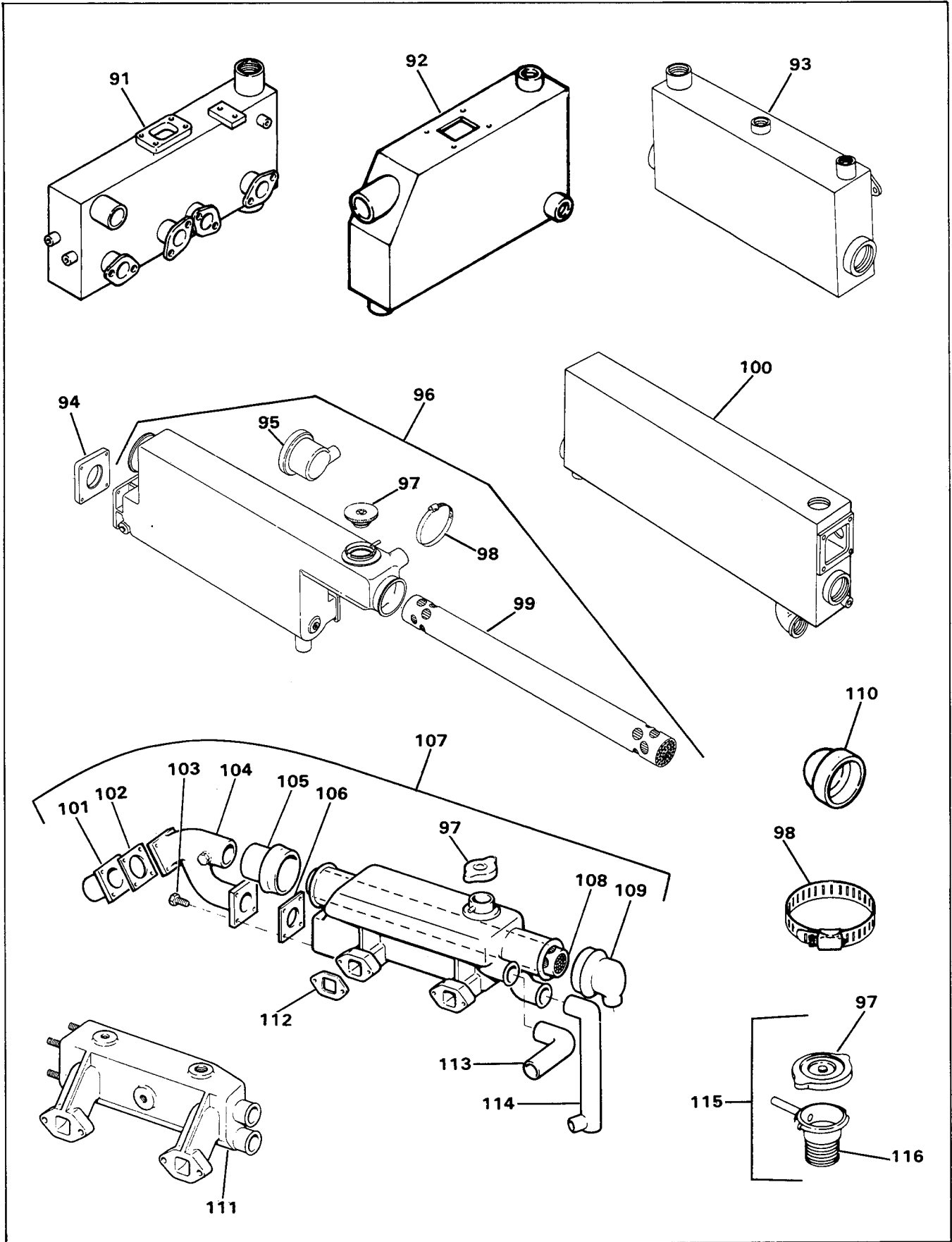
## 104



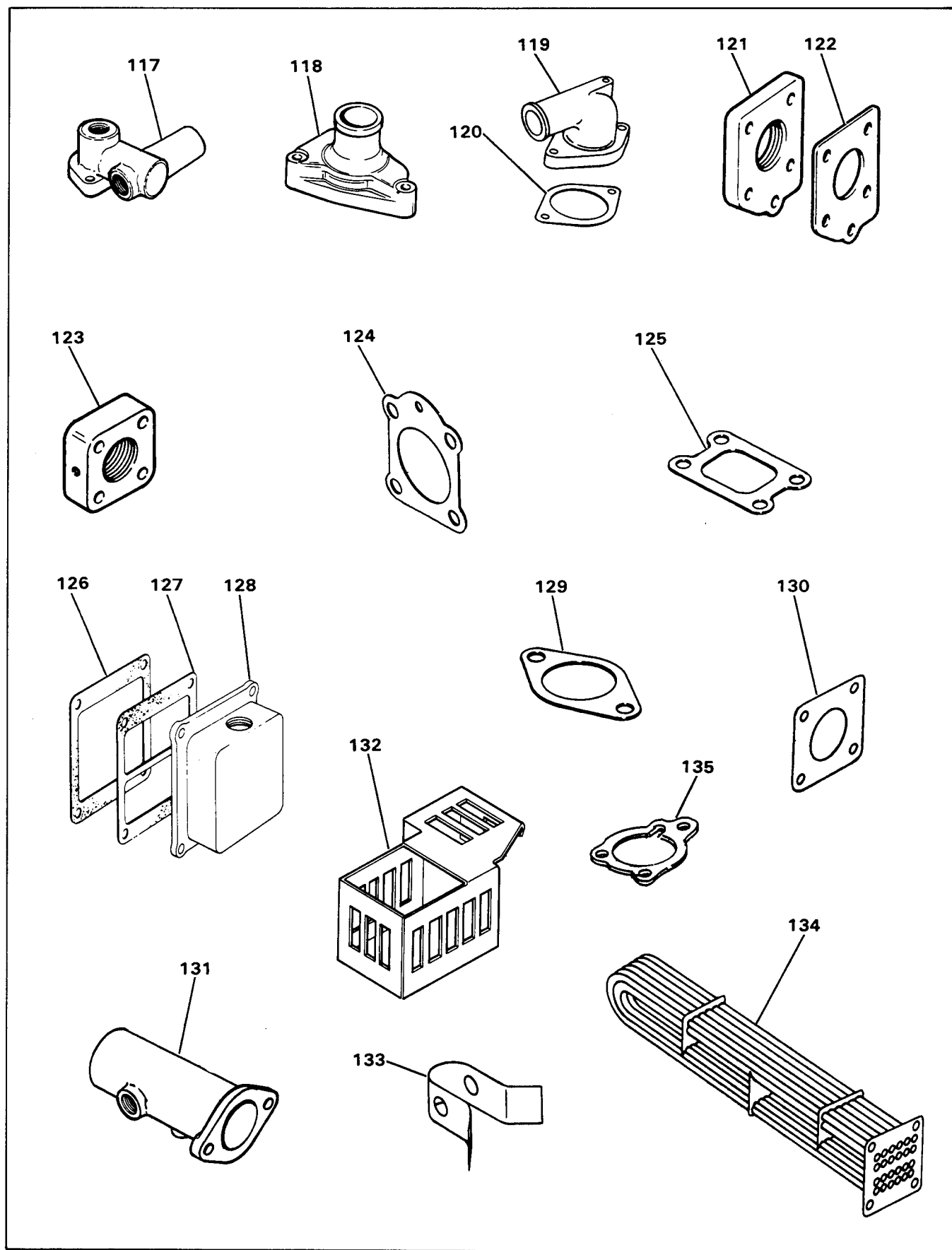
# Cooling System 104



# Cooling System 104



# Cooling System 104



## 10RMOY 15RMOY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-6051-2	Screw, H.C. (15RMOY) (2)	105-3	12	D-302-2,	Engine (10RMOY)	(not shown)	
233442	Relay, cranking	105-3	17	Murphy			
D-327, Murphy	Engine (15RMOY)	(not shown)		291049	Bracket, relay	105-3	26
				241739	Diode	105-3	14
				277563	Block, terminal	105-3	18

## 15RMY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
Wis. VG4D	Engine	(not shown)		256264	Bracket, solenoid	105-3	19
A-256274	Relay, cranking - assembly	(not shown)		291891	Solenoid	105-3	17
245748	Relay	105-3	16	256293	Flywheel - assembly	105-3	11

## 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259009	Flange, exhaust	105-3	2	259319	Tube, water	105-3	15
259010	Gasket, flange (2)	105-3	3	A-290538	Heater, block	105-3	13
259035	Bracket, block heater mtg.	105-3	24	Perkins	Engine	(not shown)	
259187	Gasket, manifold (2)	105-3	6	4-108			
259195	Manifold, exhaust	105-3	5	259330	Tube, water	105-3	15
259198	Plate, exhaust manifold	105-3	4				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
X-6049-1	Screw, HC (1)	105-3	12	259640	Flywheel	105-3	1
Perkins	Engine	(not shown)		259555	Bracket, heater mtg.	105-3	23
TK4-154 200 Series				A-290538	Heater, block	105-3	13
258321	Housing, flywheel	105-3	10	233712	Diode	105-3	14
258326	Flange, pipe	105-3	20	277563	Block, terminal	105-3	18

# Engine 105

## 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259507	Manifold	105-3	9	259750	Gasket	105-3	21
259520	Gasket	105-3	7	259751	Adapter, block heater	105-3	22
259522	Flange, exhaust	105-3	8	Perkins	Engine assembly		(not shown)
259555	Bracket, heater mtg.	105-3	23	4-154			
259640	Flywheel	105-3	1	A-290538	Block heater assembly	105-3	13
277563	Block, terminal	105-3	18				

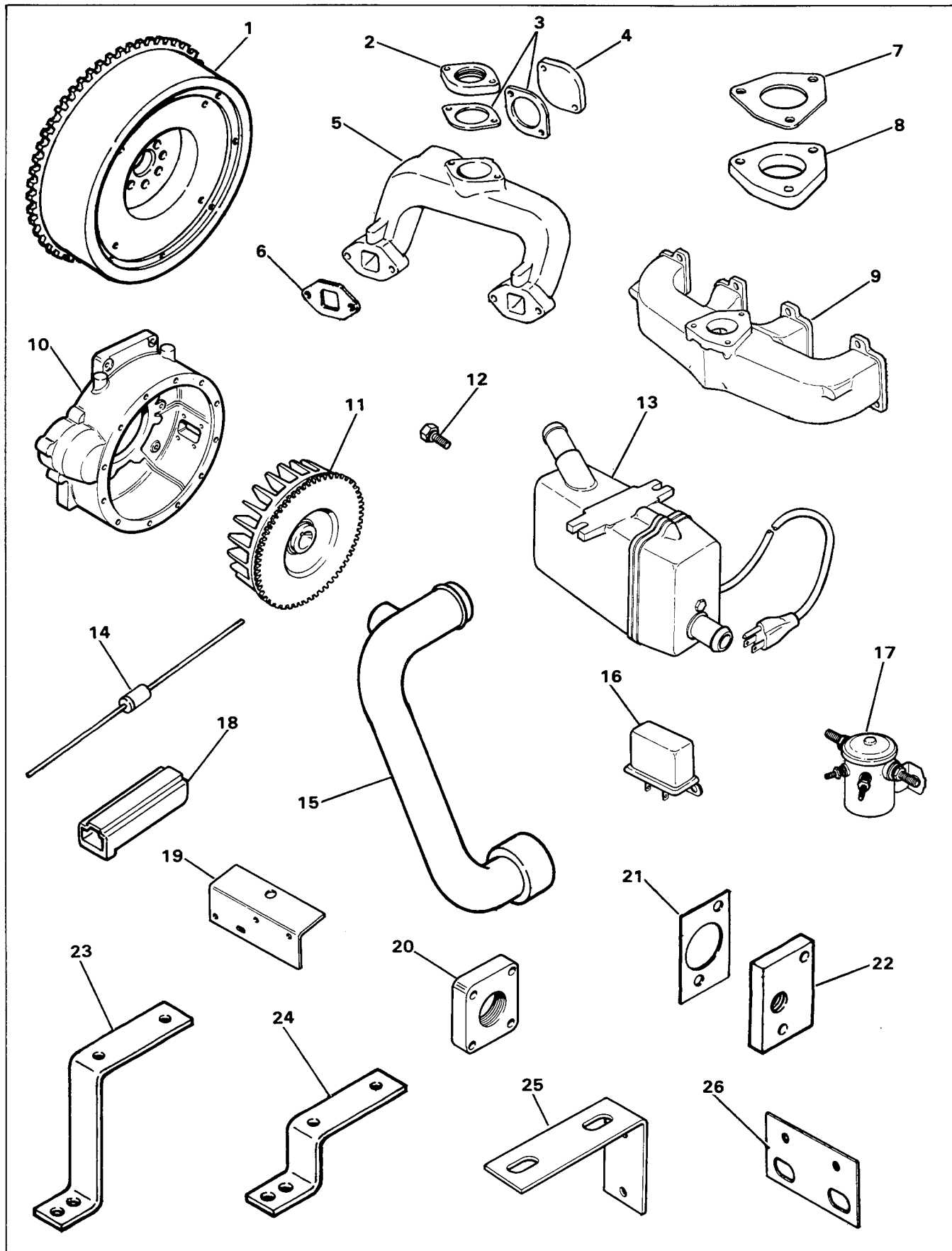
## 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
287731	Bracket, block heater (NFPA only)	105-3	25	A-290538	Block heater assembly	105-3	13
277563	Block, terminal	105-3	18	White	Engine		(not shown)
				G1600X154			

## 32.5RZ 32.5ROZ 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
233442	Solenoid	105-3	17	White	Engine (32.5ROZ)		(not shown)
287731	Bracket, block heater	105-3	25	D2300X248			
291049	Bracket, cranking relay	105-3	26	White	Engine (47.5ROZ)		(not shown)
A-290538	Block heater assembly	105-3	13	D2300TX261			
White	Engine (32.5RZ)		(not shown)	277563	Block terminal	105-3	18
G2300X251				233712	Diode	105-3	14

# Engine 105



# Oil Pressure Gauge 108

## 10RMOY 15RMOY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
164037	Cross, pipe (15RMOY)	108-2	6	271425	Switch, anticipatory oil	108-2	2
264390	Sender, oil pressure	108-2	1	267548	Block, oil gauge	108-2	5

## 15RMY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
256022	Switch, oil pressure	108-2	9	256073	Gauge, oil pressure	108-2	8
256024	Gasket	108-2	11	256080	Spacer, oil filter	108-2	10
164037	Cross, pipe	108-2	6	256376	Switch, oil pressure	108-2	9

## 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
267548	Block, oil	108-2	5	271425	Switch, pressure anticipatory	108-2	2
271662	Switch, pressure	108-2	3	289119	Gauge, oil	108-2	8
264390	Sender, oil pressure	108-2	1				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
164037	Cross, pipe	108-2	6	289119	Gauge, oil pressure	108-2	8
240978	Switch, low oil pressure	108-2	7	264390	Sender, oil pressure	108-2	1
289055	Nipple, pipe	108-2	4	271425	Switch, pressure anticipatory	108-2	2

## 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
164037	Cross, pipe	108-2	6	289119	Gauge (Basic only)	108-2	8
240978	Switch, low oil pressure	108-2	7	264390	Sender	108-2	1
289055	Nipple, pipe	108-2	4				
271425	Switch, pressure anticipatory (NFPA only)	108-2	2				

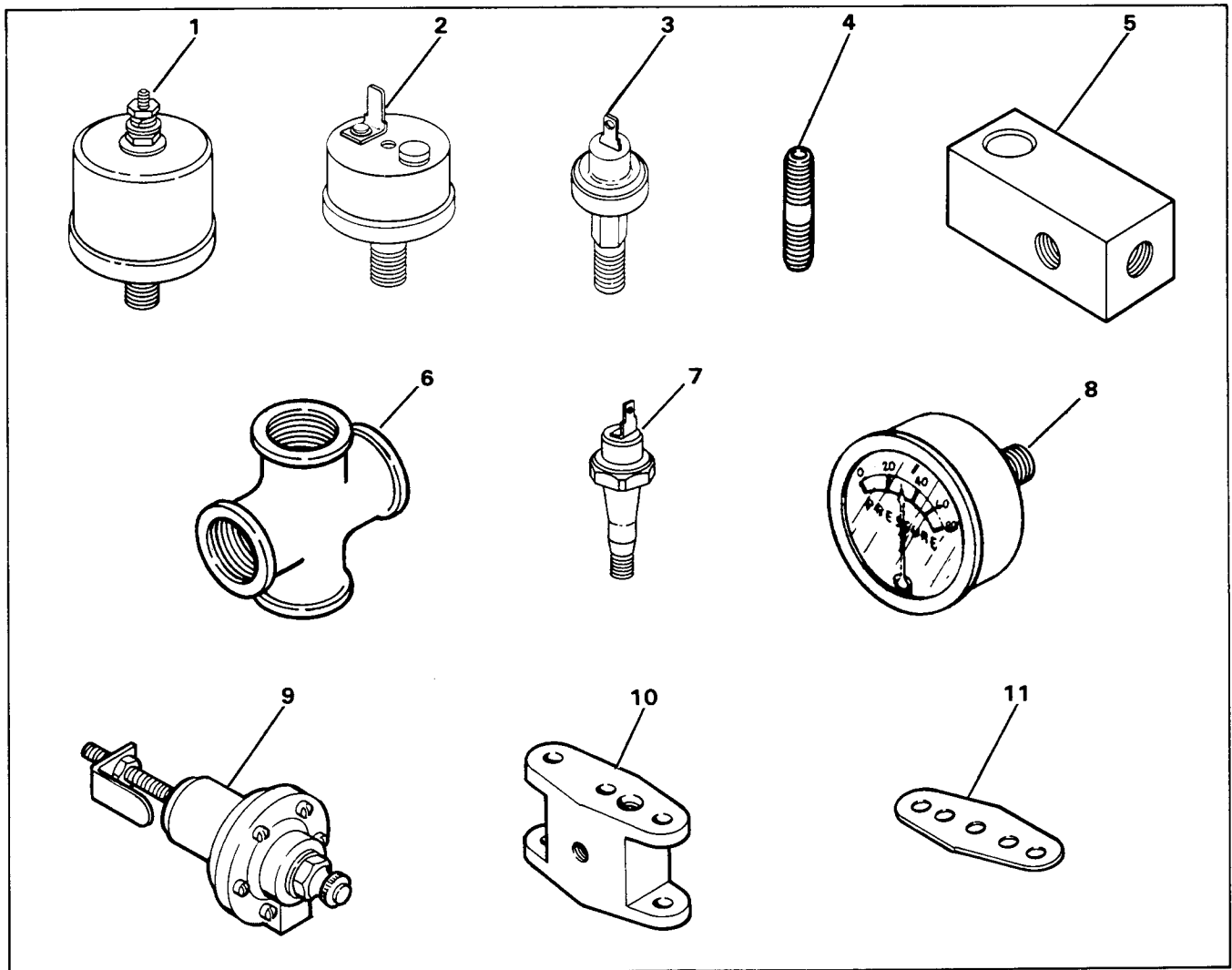
# Oil Pressure Gauge 108

22.5RZ  
32.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
164037	Cross, pipe (22.5RZ)	108-2	6	271662	Switch, low oil pressure	108-2	3
264390	Sender, oil pressure	108-2	1	267548	Block, oil gauge	108-2	5
271425	Switch, anticipatory	108-2	2	289119	Gauge, oil pressure	108-2	8

32.5ROZ  
47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
264390	Sender, oil pressure	108-2	1	271662	Switch, pressure	108-2	3
267548	Block, oil gauge	108-2	5	289119	Gauge, pressure	108-2	8
271425	Switch, pressure anticipatory	108-2	2				



# Skid and Mounting 109

## 10RMOY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
244210	Mount (4)	109-3	8	266581	Strap, ground	109-3	11
250545	Skid	109-3	6				

## 15RMOY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	109-3	13	250549	Skid	109-3	6
241063	Gasket	109-3	12	266581	Strap, ground	109-3	11
244210	Mount (4)	109-3	8				

## 15RMY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
244210	Damper, vibration (4)	109-3	8	256261	Skid	109-3	6

## 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	109-3	13	259336	Support, engine	109-3	5
241063	Gasket, drain plug	109-3	12	259595	Adapter, oil drain	109-3	10
244210	Damper, vibro (4)	109-3	8	266581	Strap, ground	109-3	11
259293	Skid	109-3	7				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	109-3	13	259595	Adapter, oil drain	109-3	10
241063	Gasket, drain plug	109-3	12	259628	Support, engine	109-3	3
244210	Damper, vibration (4)	109-3	8	259629	Support, engine	109-3	4
258316	Skid (17.5ROY)	109-3	6	287363	Strap, ground	109-3	11
258317	Skid (24ROZ)	109-3	6				

# Skid and Mounting 109

## 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	109-3	13	259628	Support, engine	109-3	3
241063	Gasket, drain plug	109-3	12	259629	Support, engine	109-3	4
244210	Damper, vibration (4)	109-3	8	259679	Skid	109-3	6
259595	Adapter, oil drain	109-3	10	287363	Strap, ground	109-3	11

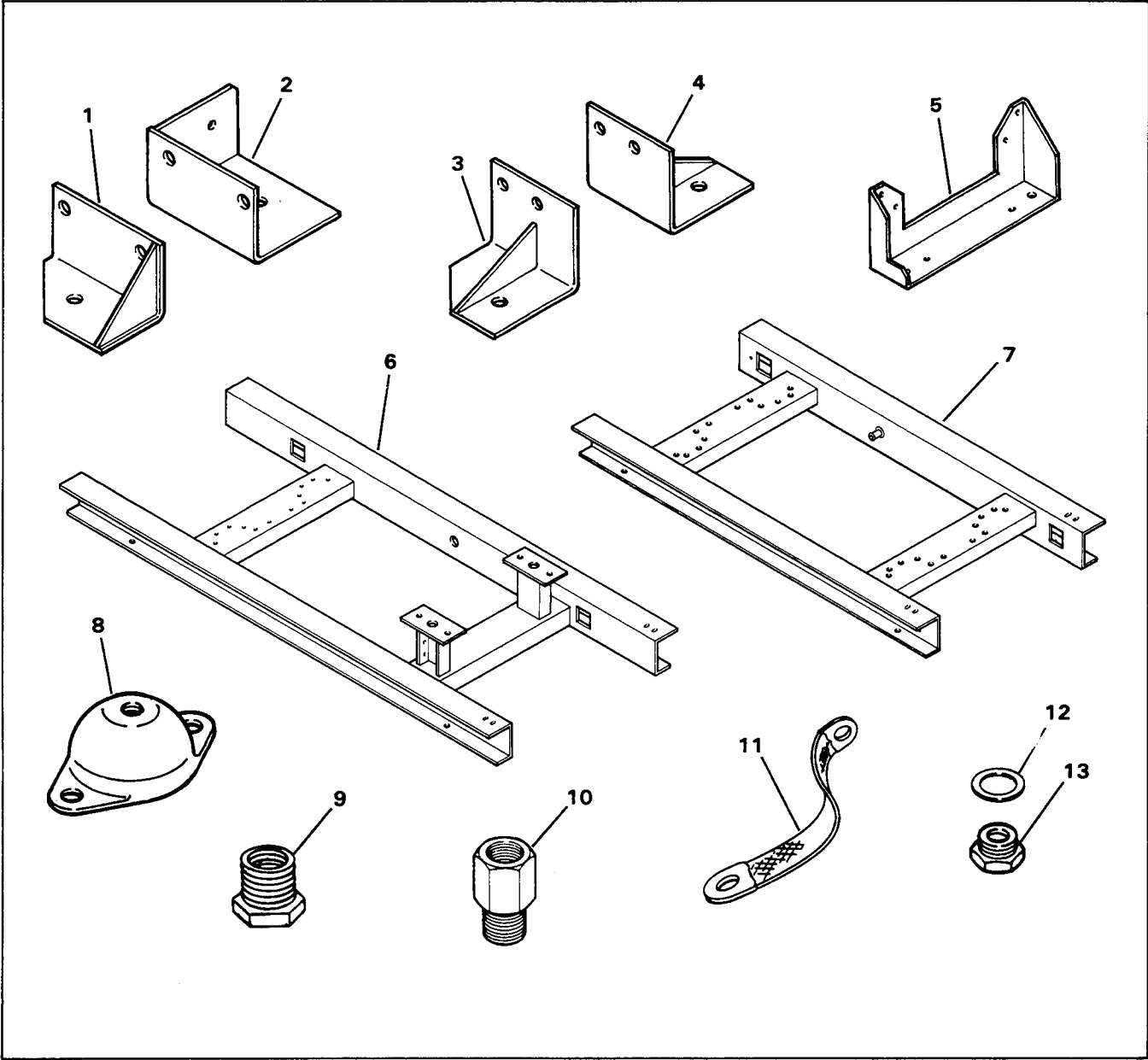
## 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241062	Plug, drain	109-3	13	258533	Bracket, engine mounting	109-3	1
241063	Gasket	109-3	12	258534	Bracket, engine mounting	109-3	2
244210	Damper, vibration (4)	109-3	8	258559	Skid	109-3	6
258532	Adapter, oil drain	109-3	10	287363	Strap, ground	109-3	11

## 32.5RZ 32.5ROZ 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241063	Gasket, oil drain plug (2)	109-3	12	290418	Strap, ground (32.5 and 47.5 Diesel)	109-3	11
244210	Damper, vibro (4)	109-3	8	287363	Strap, ground (32.5 kW Gasoline)	109-3	11
269312	Skid	109-3	6				
285753	Bushing, oil drain	109-3	9				

# Skid and Mounting 109



# Temperature Switches 110

## 15ROY, 32.5RZ, 32.5ROZ, 47.5ROZ

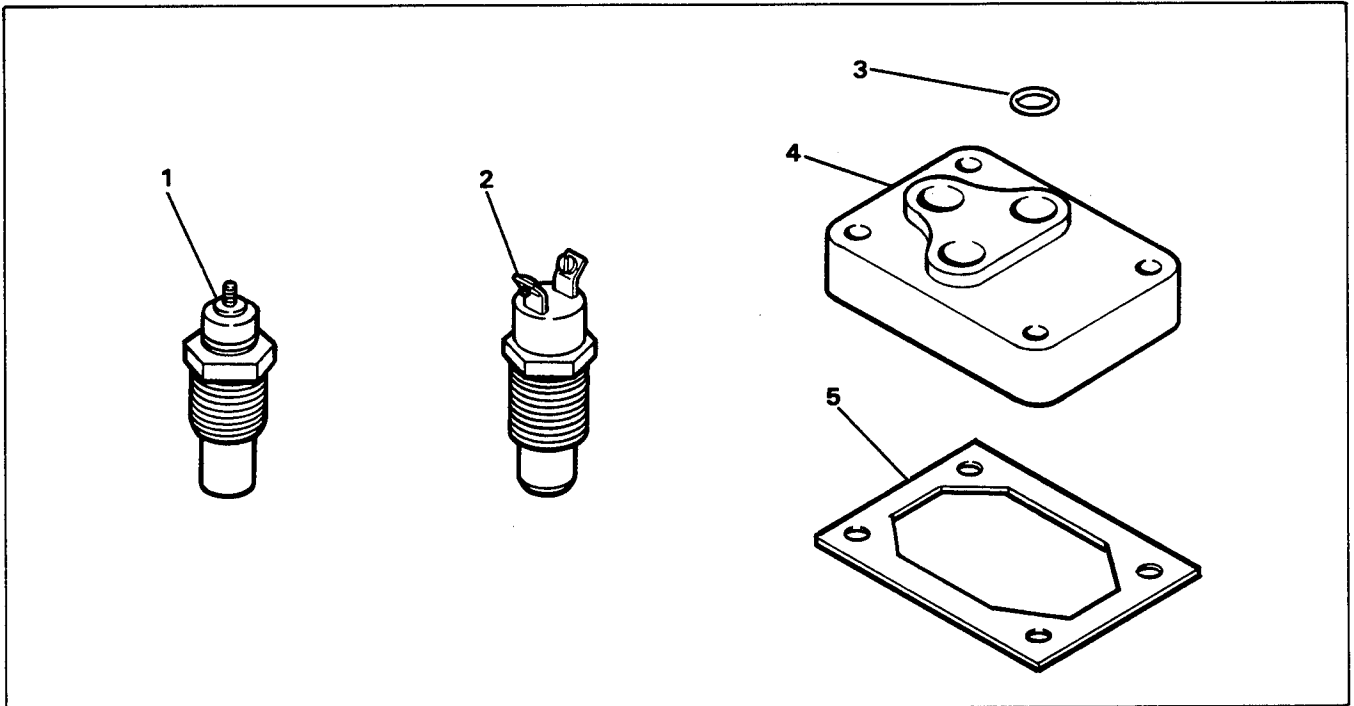
Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
240976	Switch, high temperature (205°)	110-1	1	268298	Sender, temperature	110-1	1
240977	Switch, high temperature anticipatory (190°)	110-1	1	X-400-82	Spacer (4) (32.5RZ)	110-1	3
290090	Switch, low temperature (80°)	110-1	2				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
241481	Switch, high temperature (218°)	110-1	1	268298	Sender, water temperature	110-1	1
258315	Gasket (2)	110-1	5	290090	Switch, low temperature (80°)	110-1	2
240976	Switch, high temperature anticipatory (205°)	110-1	1	258382	Sender, housing	110-1	4

## 22.5RZ 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
240976	Switch, high temperature anticipatory (205°)	110-1	1	268298	Sender, temperature	110-1	1
241481	Switch, high temperature (218°)	110-1	1	290090	Switch, low temperature (80°)	110-1	2



# Starter 112

## 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259112	Spacer	112-2	7	259161	Drive assembly	112-2	8
259113	Stud (3/8-24) (3)	112-2	5	233442	Solenoid	112-2	10
B-259111	Starter, 12 volt (Delco-Remy 1107588)	112-2	1	259373	Bracket, solenoid mtg.	112-2	12
259158	Brush (2)	112-2	3	A-259374	Solenoid assembly (includes solenoid and bracket)	(not shown)	(Discont'd)
259159	Coil assembly	112-2	4				
259160	Armature assembly	112-2	2				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-258312	Solenoid assembly (includes solenoid and bracket)	(not shown)		259113	Stud	112-2	5
233442	Solenoid, cranking	112-2	10	259959	Starter assembly	112-2	1
259680	Bracket, solenoid	112-2	11	258359	Spacer	112-2	13

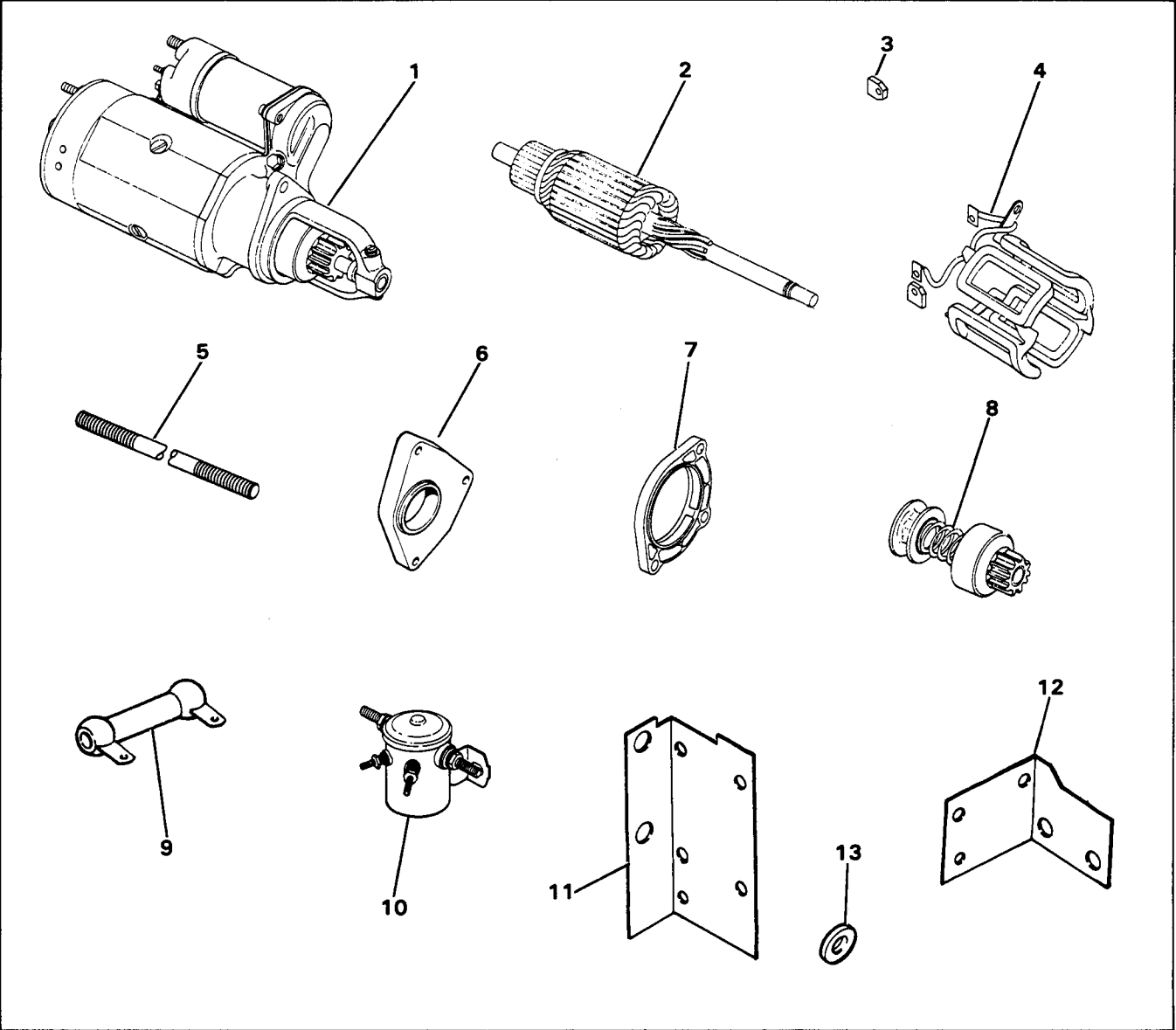
## 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-259681	Solenoid assembly (includes solenoid and bracket)	(not shown)		259680	Bracket, solenoid mtg.	112-2	11
233442	Solenoid	112-2	10	259959	Starter assembly	112-2	1
242698	Resistor	112-2	9				

## 22.5RZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
A-258550	Solenoid assembly	(not shown)		233442	Solenoid	112-2	10

# Starter 112

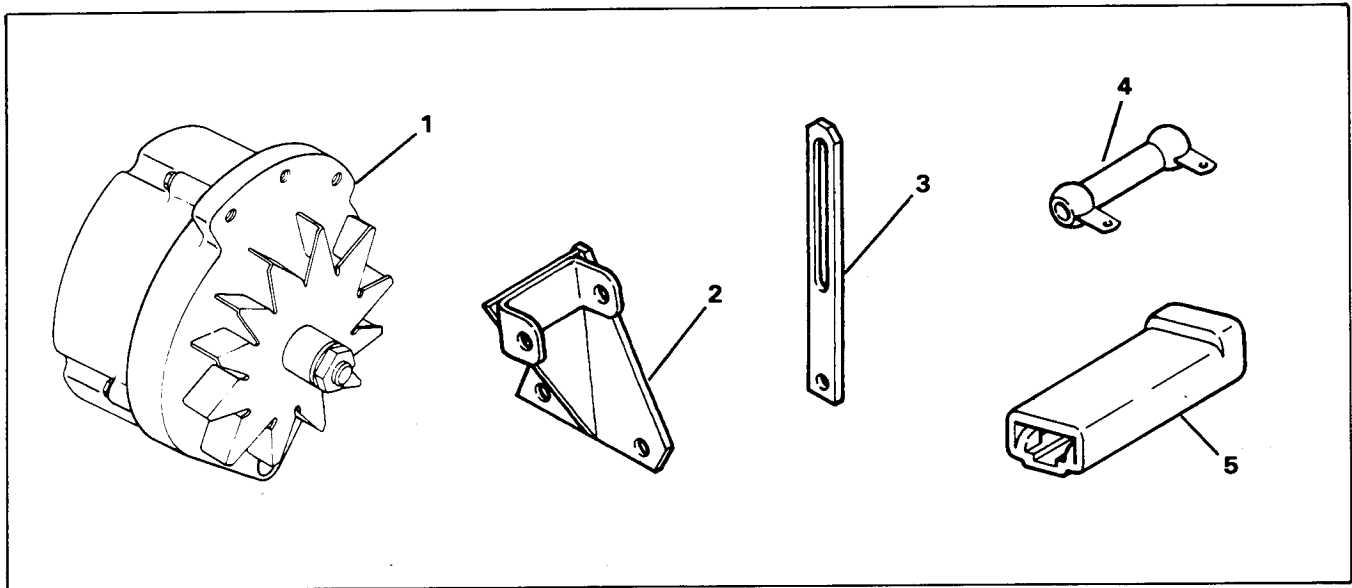


# Alternator and Mounting

## 113

### 15ROY 22.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
242698	Resistor (15ROY)	113-1	4	277563	Block, terminal (15ROY)	113-1	5
259331	Link, alternator adjusting	113-1	3	A-259638	Alternator assembly	113-1	1
259332	Bracket, alternator support	113-1	2				



# Generator and Mounting 201

## BRUSH TYPE GENERATORS

10 kW thru 17.5 kW

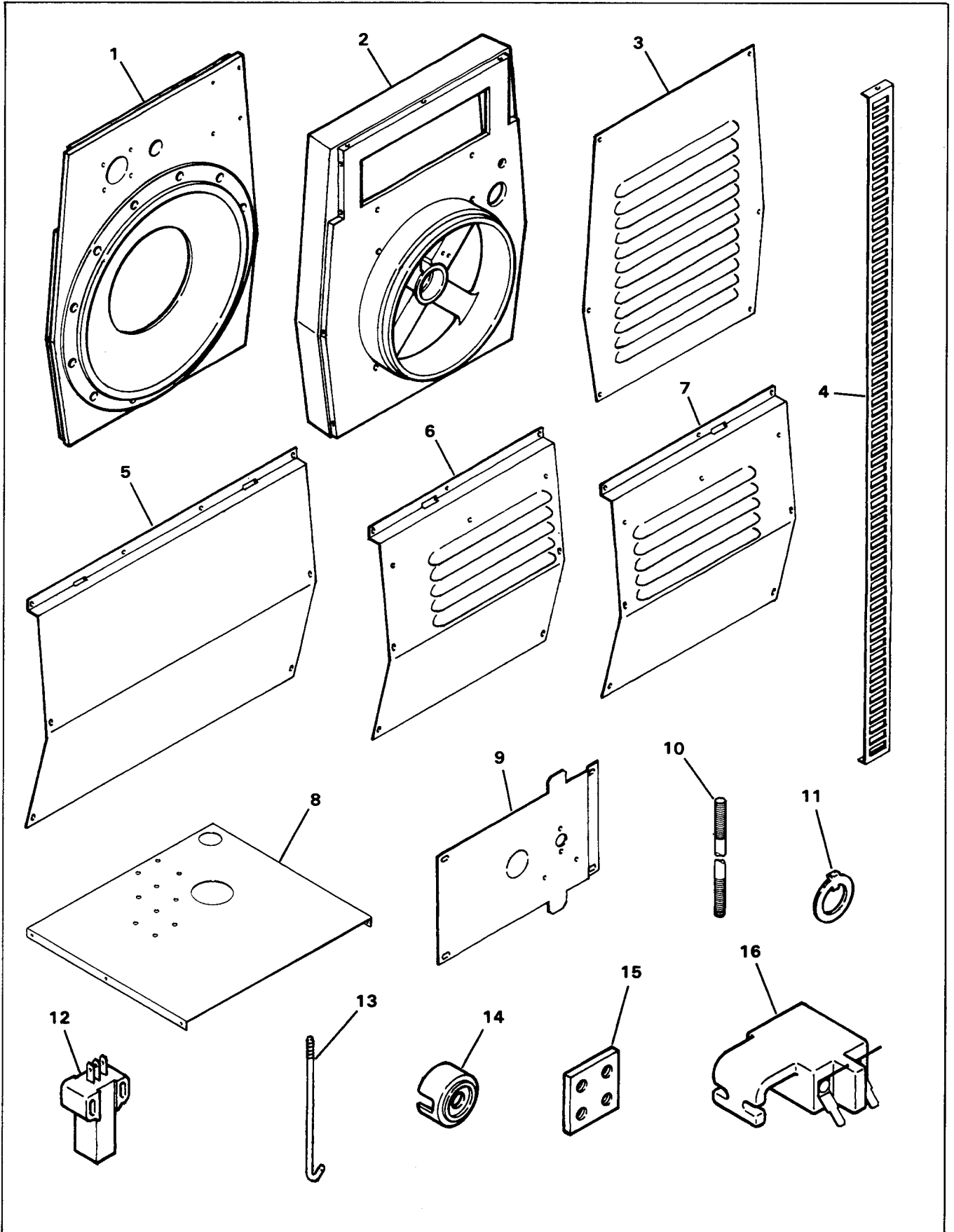
Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
250587	Adapter, generator (10RMOY, 15RMY, 15RMOY, 17.5ROY)	201-3	1	259806	Stator, 600 Volt (all models)	201-3	17
269239	Adapter, generator (15ROY)	201-3	1	238691	Shaft, extension (15ROY)	201-3	19
250506	Spacer, generator adapter (15RMOY, 17.5ROY)	(not shown)		238150	Spring, brush (all models)	201-3	21
250508	Spacer, generator adapter (10RMOY)	(not shown)		238633	Brush (10RMOY, 17.5ROY)	201-3	22
269238	Bracket, end (15ROY)	201-3	2	239282	Brush (15RMY, 15RMOY)	201-3	22
250556	Bracket, end (10RMOY, 15RMOY, 17.5ROY)	201-3	2	238248	Shim (all models)	201-3	23
256275	Bracket, end (15RMY)	201-3	2	238692	Bolt, thru (15ROY)	201-3	24
269241	Panel, louver (all models)	201-3	3	X-758-1	Bearing, ball (all models)	201-3	25
269425	Guard, fan (10RMOY, 15RMOY, 15RMY, 17.5ROY)	201-3	4	238134	Ring, collector	201-3	26
269303	Panel, right side (15ROY)	201-3	6	B-269313	Rotor (15ROY)	201-3	27
250555	Panel, right side (10RMOY, 15RMOY, 15RMY, 17.5ROY)	201-3	6	A-250518	Rotor (10RMOY)	201-3	27
269492	Panel, left side (15ROY)	201-3	7	A-250519	Rotor (15RMOY, 15RMY)	201-3	27
250554	Panel, left side (10RMOY, 15RMOY, 15RMY, 17.5ROY)	201-3	7	A-239362	Rotor (17.5ROY)	201-3	27
259357	Tray (15ROY)	201-3	8	238204	Fan (15ROY)	201-3	28
269306	Plate, closure (2) (15ROY)	201-3	9	259956	Fan (10RMOY, 15RMOY, 15RMY, 17.5ROY)	201-3	28
250551	Plate, closure (2) (10RMOY, 15RMOY, 15RMY, 17.5ROY)	201-3	9	259017	Disc, drive (3) (10RMOY, 15ROY)	201-3	29
282643	Stud, ground (all models)	201-3	10	269415	Disc, drive (3) (15RMOY, 15RMY, 17.5ROY)	201-3	29
151511	Ring, lock (15ROY, 17.5ROY)	201-3	11	269166	Terminal (all models)	201-3	30
241623	Sensor, speed (all models)	201-3	12	250614	Bolt, over (4) (all models) (use with X-801-3 hardened washers)	201-3	31
241593	Cup, pick-up (all models)	201-3	14	268042	Switch, preheat toggle (15ROY, 17.5ROY)	201-3	32
238565	Bracket (15ROY)	201-3	15	241610	Rectifier, bridge (15RMY)	201-3	37
259275	Bracket (10RMOY, 15RMOY, 15RMY, 17.5ROY)	201-3	15	241626	Transformer (15RMY)	201-3	38
239247	Holder, brush (all models)	201-3	16	241703	Bracket, transformer (15RMY)	201-3	39
259930	Stator, standard (all models)	201-3	17	259459	Breaker, circuit (15RMY)	201-3	40
				238211	Ring, tolerance (all models)	201-3	41
				242454	Resistor (15RMY)	201-4	42

# Generator and Mounting 201

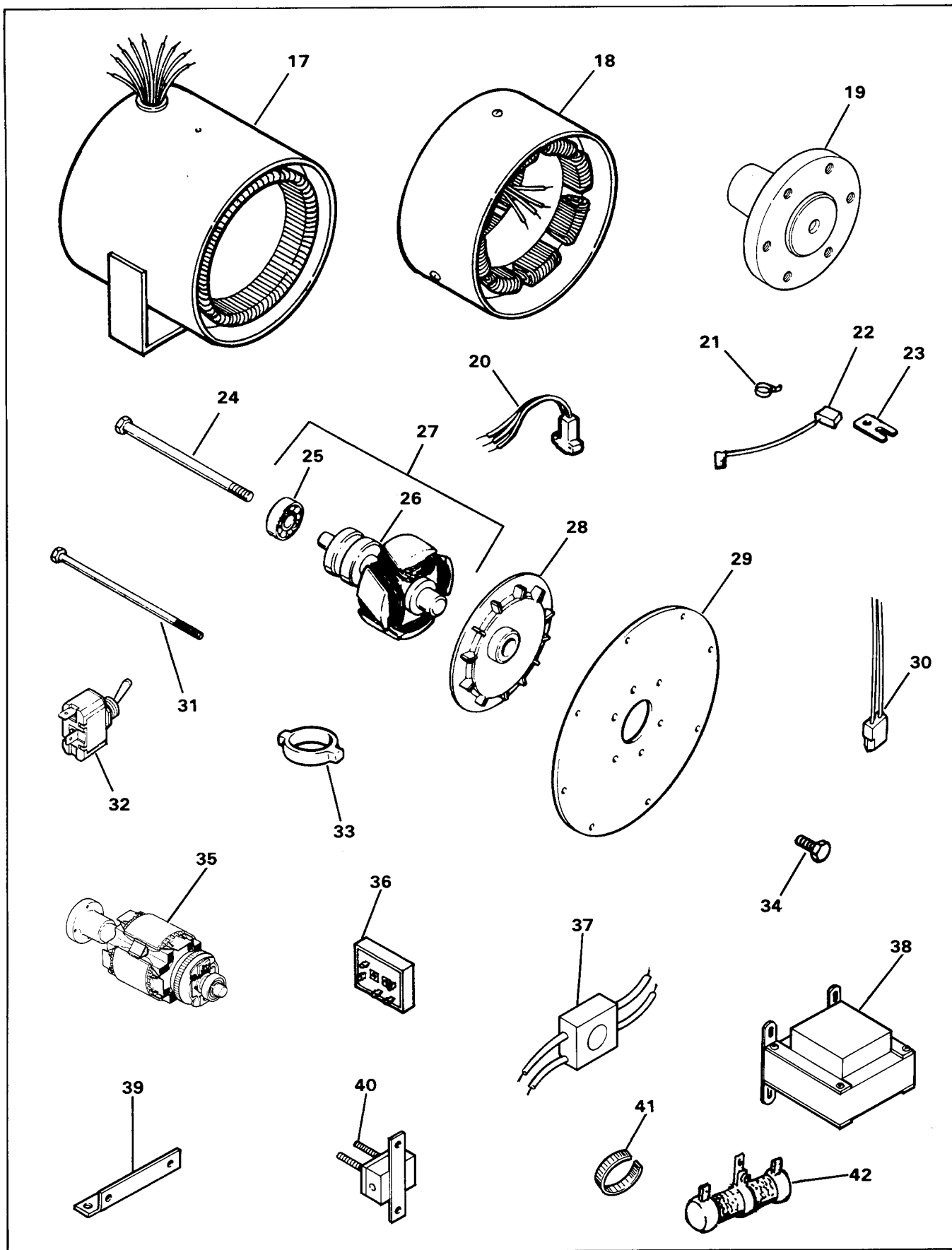
## BRUSHLESS TYPE GENERATORS 22.5 kW thru 47.5 kW

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
269438	Adapter, generator (all models)	201-3	1	258358	Stator (standard) (47.5ROZ)	201-3	17
269437	Bracket, end (all models)	201-3	2	259963	Stator (600 volt) (47.5ROZ)	201-3	17
269241	Panel, louver (all models)	201-3	3	269465	Stator, exciter (all models)	201-3	18
269425	Guard, fan (all models)	201-3	4	241623	Sensor, speed (all models)	201-3	20
269368	Panel, side (2) (22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ)	201-3	5	X-758-2	Bearing, ball (all models)	201-3	25
259446	Panel, side (2) (47.5ROZ)	201-3	5	259956	Fan (all models)	201-3	28
269370	Plate, closure (2) (22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ)	201-3	9	269415	Disc, drive (3) (all models)	201-3	29
259447	Plate, closure (2) (47.5ROZ)	201-3	9	269166	Terminal (all models)	201-3	30
168068	Stud, grounding (all models)	201-3	10	269439	Bolt, over (22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ) (use with hardened washers X-801-3)	201-3	31
151511	Ring, lock (22.5ROZ, 24ROZ)	201-3	11	268042	Switch, preheat toggle (22.5ROZ, 24ROZ)	201-3	32
269417	Bolt-J (4) (all models)	201-3	13	269412	Actuator, magnetic (all models)	201-3	33
258356	Stator (standard) (22.5RZ, 22.5ROZ, 24ROZ)	201-3	17	270158	Screw, hex (drive disc) (all models)	201-3	34
259803	Stator (600 volt) (22.5RZ, 22.5ROZ, 24ROZ)	201-3	17	A-269486	Rotor (22.5RZ)	201-3	35
269433	Stator (standard) (32.5RZ, 32.5ROZ)	201-3	17	A-269487	Rotor (22.5ROZ, 24ROZ)	201-3	35
259804	Stator (600 volt) (32.5RZ, 32.5ROZ)	201-3	17	A-269409	Rotor (32.5RZ, 32.5ROZ)	201-3	35
				A-259445	Rotor (47.5ROZ)	201-3	35
				269416	Rectifier, mini-bridge (all models)	201-3	36

# Generator and Mounting 201



# Generator and Mounting 201



# Controller and Mounting 301

## Standard (Basic) Controller All Models

Part Number	Description	Page	Part Number	Description	Page
	Basic controller assembly	301-3	B-291967	47.5ROZ	
A-250526	10RMOY	301-3	B-269959	Relay control circuit board	301-3
C-269992	15ROY	301-3	241600	Relay, CR, CC, SDR	301-3
C-269992	15RMY	301-3	269958	Relay, 1CR	301-3
A-250526	15RMOY	301-3		Panel assembly	
C-269992	17.5ROY	301-3	A-269984	15ROY, 15RMY, 17.5ROY	301-3
C-259887	22.5RZ	301-3	B-269984	10RMOY, 15RMOY, 22.5RZ, 22.5ROZ, 32.5RZ, 32.5ROZ, 47.5ROZ	301-3
C-259887	22.5ROZ	301-3			
C-259887	24ROZ	301-3	151511	Ring, lock	301-3
C-259887	32.5RZ	301-3	238736	Meter, hour	301-3
C-259887	32.5ROZ	301-3	259687	Switch, selector	301-3
C-259915	47.5ROZ	301-3	269356	Knob, pointer	301-3
	Cover, generator access		269373	Lamp	301-3
250552	10RMOY, 15RMY, 15RMOY, 17.5ROY	301-3	269987	Panel, front	301-3
269240	15ROY	301-3	283375	Switch, toggle	301-3
269369	22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ	301-3	269397	Switch, thermal (use with panel assembly A-269984)	301-3
259449	47.5ROZ		250512	Breaker, magnetic (use with panel assembly B-269984)	301-3
223316	Fuse, 10 amp	301-3	X-400-127	Spacer (8) (10RMOY, 15RMOY) under relay board	301-3
238426	Holder, fuse	301-3	250528	Insulator, circuit board (10RMOY, 15RMOY) under relay board	301-3
259919	Mount, vibro (all models except 10RMOY and 15RMOY)	301-3	X-400-128	Spacer (4) (10RMOY, 15RMOY) between controller box and control panel	301-3
259490	Package, SCR power	301-3	250529	Insulator, controller panel 10RMOY, 15RMOY between controller box and control panel	301-3
269985	Box, controller (all models except 10RMOY and 15RMOY)	301-3			
250530	Box, controller 10RMOY, 15RMOY	301-3			
*	Wiring Harness	301-3			
	Regulator circuit board				
F-269315	10RMOY, 15ROY, 15RMY, 15RMOY, 17.5ROY	301-3			
B-259884	22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ	301-3			

\*Refer to Controller Wiring Harness listing.

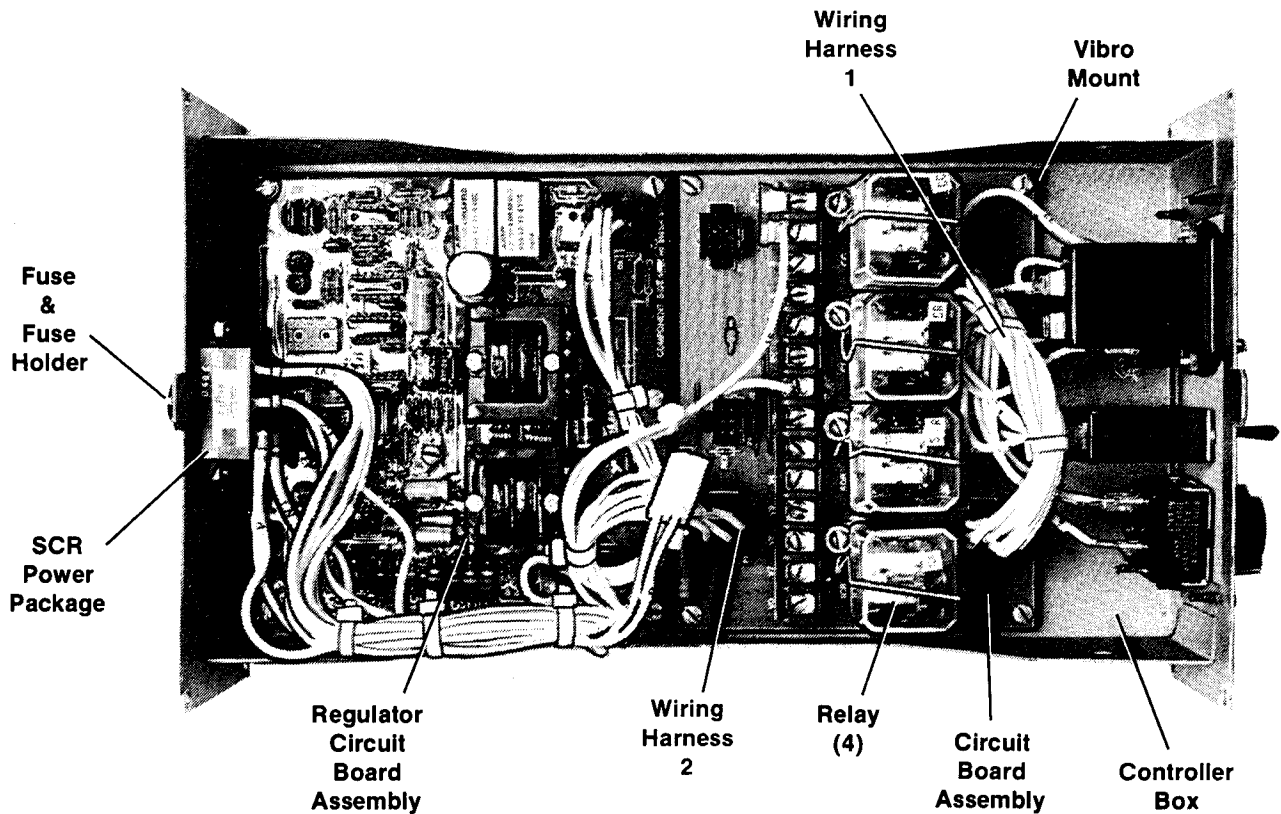
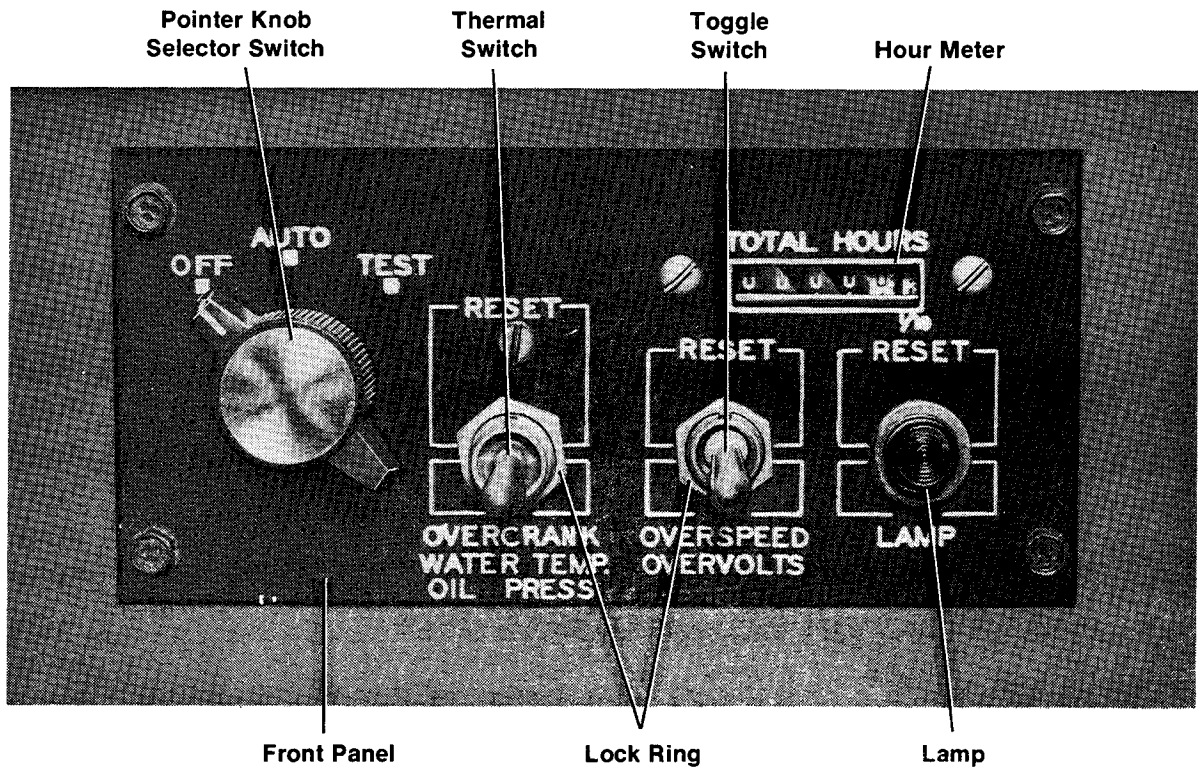
# Controller and Mounting 301

## Meter Box Controller (All Models)

	10RMOY	15ROY	15RMOY	17.5ROY	22.5RZ
Meter Box Assembly	B-250523	C-269996	B-250522	C-269996	C-269996
Meter Box Assembly, 600 Volt	B-250524	B-259796	B-250524	B-259796	B-259796
Frequency Meter	295069	295069	295069	295069	295069
Controller Cover	269380	269380	269380	269380	269380
Voltmeter, AC	282814	282814	282814	282814	282814
Voltmeter, AC 600 Volt	282815	282815	282815	282815	282815
Ammeter, AC	282933	282934	282934	282934	282934
Ammeter, AC 600 Volt	282933	282933	282933	282933	282933
Selector Switch	259821	259821	259821	259821	259821
Selector Switch, 600 Volt	283638	283638	283638	283638	283638
Lamp	269402	269402	269402	269402	269402
Blank Panel	269986	269986	269986	269986	269986
Bumpers	259632	259632	259632	259632	259632
DC Ammeter	269976	269976	269976	269976	269976
Water Gauge	---	269974	---	269974	269974
Controller Box	269988	269988	269988	269988	269988
Oil Gauge	269975	269975	269975	269975	269975
Relay, 2CR	269398	269398	269398	269398	269398
Light Bulb	268310	268310	268310	268310	268310
Bulb Socket	284990	284990	284990	284990	284990
Extension Harness	259686	259686	259686	259686	259686
Wiring Harness, Meter	291722	291722	291722	291722	291722
<b>PARTS NOT SHOWN</b>					
Transformer	259793	259359	259359	259359	259359
Transformer, 600 Volt	259793	259793	259359	259359	259793
Generator Access Cover	250553	269401	250553	250553	269496
Canvas Strap	259361	259361	259361	259361	259361
	22.5ROZ	24ROZ	32.5RZ	32.5ROZ	47.5ROZ
Meter Box Assembly	C-269996	C-269996	C-259387	C-259387	C-259451
Meter Box Assembly, 600 Volt	B-259796	B-259796	B-259797	B-259797	B-259798
Frequency Meter	295069	295069	295069	295069	295069
Controller Cover	269380	269380	269380	269380	269380
Voltmeter, AC	282814	282814	282814	282814	282814
Voltmeter, AC 600 Volt	282815	282815	282815	282815	282815
Ammeter, AC	282934	282934	295337	295337	295338
Ammeter, AC 600 Volt	282933	282933	282934	282934	295337
Selector Switch	259821	259821	259821	259821	259821
Selector Switch, 600 Volt	283638	283638	283638	283638	283638
Lamp	269402	269402	269402	269402	269402
Blank Panel	269986	269986	269986	269986	269986
Bumpers	259632	259632	259632	259632	259632
DC Ammeter	269976	269976	269976	269976	269976
Water Gauge	269974	269974	269974	269974	269974
Controller Box	269988	269988	269988	269988	269988
Oil Gauge	269975	269975	269975	269975	269975
Relay, 2CR	269398	269398	269398	269398	269398
Light Bulb	268310	268310	268310	268310	268310
Bulb Socket	284990	284990	284990	284990	284990
Extension Harness	259686	259686	259686	259686	259686
Wiring Harness, Meter	291722	291722	291722	291722	291722
<b>PARTS NOT SHOWN</b>					
Transformer	259359	259359	259360	259360	259414
Transformer, 600 Volt	259793	259793	259359	259359	259360
Generator Access Cover	269496	269496	269496	269496	259450
Canvas Strap	259361	259361	259361	259361	259361

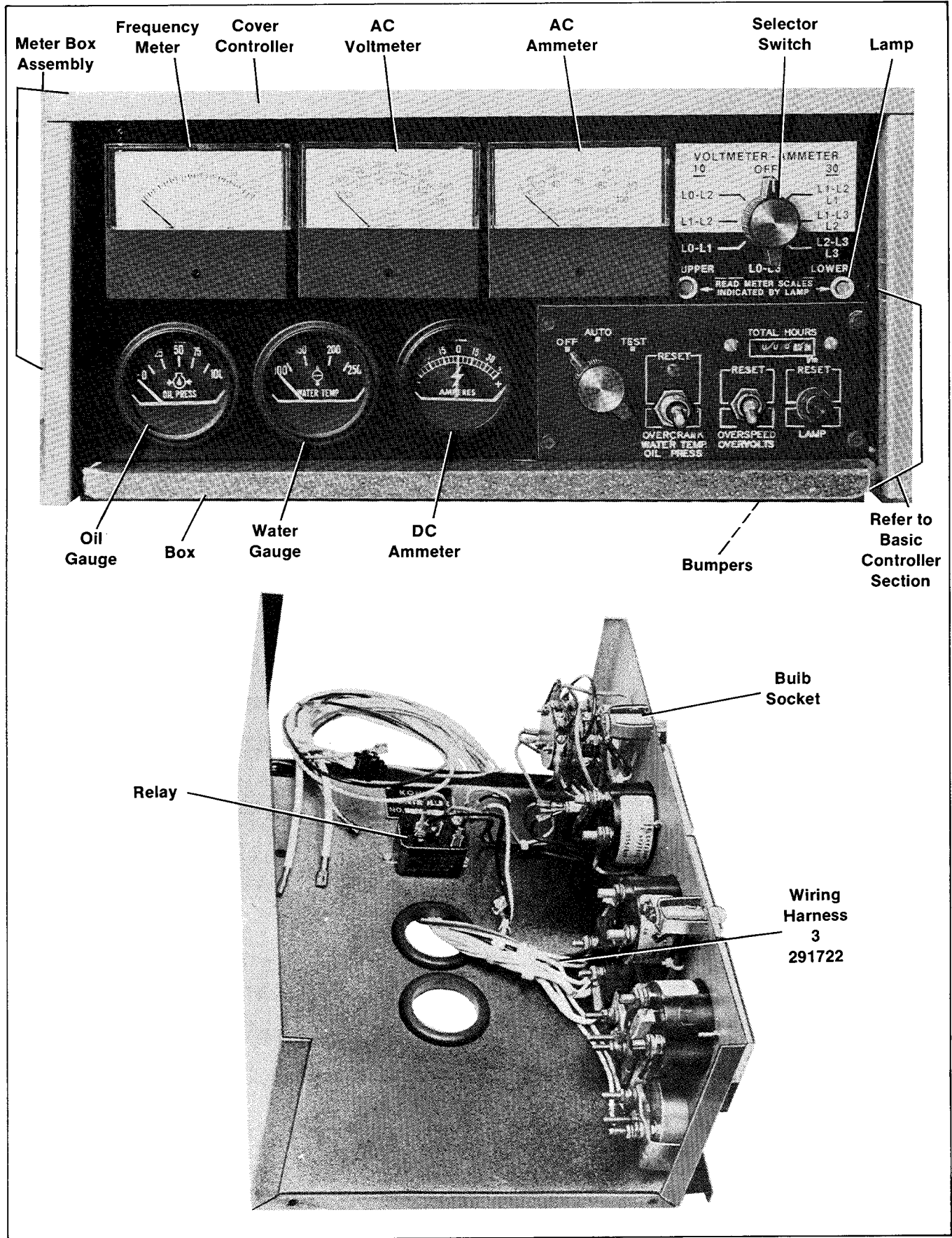
NOTE: For Panel Assembly and Regulator Tray Assembly parts, refer to Standard (Basic) Controller listing.

Standard Controller



# Controller and Mounting

## 301



### NFPA Controller NFPA Controller/Regulator Tray

Part Number	Description	Page	Part Number	Description	Page
	Controller, regulator tray - assembly		245748	Relay	301-7
A-250527	10RMOY, 15RMOY	301-7	246115	Block terminal	301-7
C-259699	15RMY, 15RMOY, 17.5ROY	301-7	259711	Plate, mounting	301-7
C-259886	22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ	301-7	A-287924	Alarm horn circuit board	301-7
C-259916	47.5ROZ	301-7	259490	SCR power package	301-7
	Regulator tray		259710	Panel front (blank)	301-7
250530	10RMOY, 15RMOY	301-7		Regulator circuit board	
269985	15ROY, 17.5ROY, 22.5ROZ, 22.5RZ, 24ROZ, 32.5RZ, 32.5ROZ, 47.5ROZ	301-7	F-269315	10RMOY, 15ROY, 15RMOY, 17.5ROY	301-7
151511	Lock ring	301-7	B-259884	22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ	301-7
*	Harness, wiring	301-7	B-291967	47.5ROZ	
A-259712	Alarm horn relay assembly	301-7	268015	Switch, alarm circuit on/off	301-7
			259919	Mount, vibro (4)	301-7

### NFPA Controller/Meter Box

Part Number	Description	Page	Part Number	Description	Page
	Meter box assembly		269402	Lamp (2)	301-7
B-250521	10RMOY	301-7	259632	Bumper (4) located between generator access cover and meter box	301-7
D-269387	15ROY, 17.5ROY, 22.5RZ, 22.5ROZ, 24ROZ	301-7	259821	Switch, selector	301-7
B-259788	15ROY, 600 volt	301-7	283638	Switch, selector 600 volt	301-7
B-259644	22.5ROZ, 600 volt	301-7	269381	Potentiometer	301-7
B-250520	15RMOY	301-7	283645	Fuse, 15 amp	301-7
C-259389	32.5RZ, 32.5ROZ	301-7	238426	Holder, fuse (2)	301-7
C-259452	47.5ROZ	301-7		Ammeter, AC	
A-256375	15RMY	301-7	282933	10RMOY, 15ROY (600 volt)	301-7
259919	Mount vibro (4)	301-7	282934	15ROY, 15RMOY, 17.5ROY, 22.5RZ, 22.5ROZ, 24ROZ	301-7
	Transformers (3)		295337	32.5RZ, 32.5ROZ	301-7
259793	10RMOY	301-7	295338	47.5ROZ	301-7
259359	15ROY, 15RMOY, 17.5ROY, 22.5RZ, 22.5ROZ, 24ROZ	301-7	269976	Ammeter, DC	301-7
259360	32.5RZ, 32.5ROZ	301-7	282814	Voltmeter	301-7
259414	47.5ROZ	301-7	282815	Voltmeter, 600 volt	301-7
	Generator access cover		269376	Strip, terminal (19 terminal)	301-7
250553	10RMOY, 15RMOY, 17.5ROY	301-7	283060	Strip, terminal (9 terminal)	301-7
269401	15ROY	301-7	287812	Switch, toggle (AUTO-OFF-TEST)	301-7
269496	22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ	301-7	269974	Gauge, water temperature	301-7
259450	47.5ROZ	301-7	269975	Gauge, oil pressure	301-7
269386	Meter box cover	301-7	287524	Switch, reset	301-7
269384	Box, meter	301-7	287525	Switch, lamp test	301-7
269385	Tray, upper uniboard	301-7	287816	Switch, emergency stop	301-7
259361	Strap, canvas	301-7	287561	Compartment, bulb	301-7
238736	Meter, hour	301-7	C-291492	Uniboard	301-7
295069	Meter, frequency	301-7	B-287742	Relay control board	301-7
243273	Fuse, 3 amp	301-7	241739	Rectifier, diode	301-7
248362	Relay, (CR, 1CR)	301-7	255197	Diode, 12 volt	301-7
269398	Relay (2CR)	301-7			
268310	Bulb, light (15)	301-7			
284990	Socket, lamp (2)	301-7			

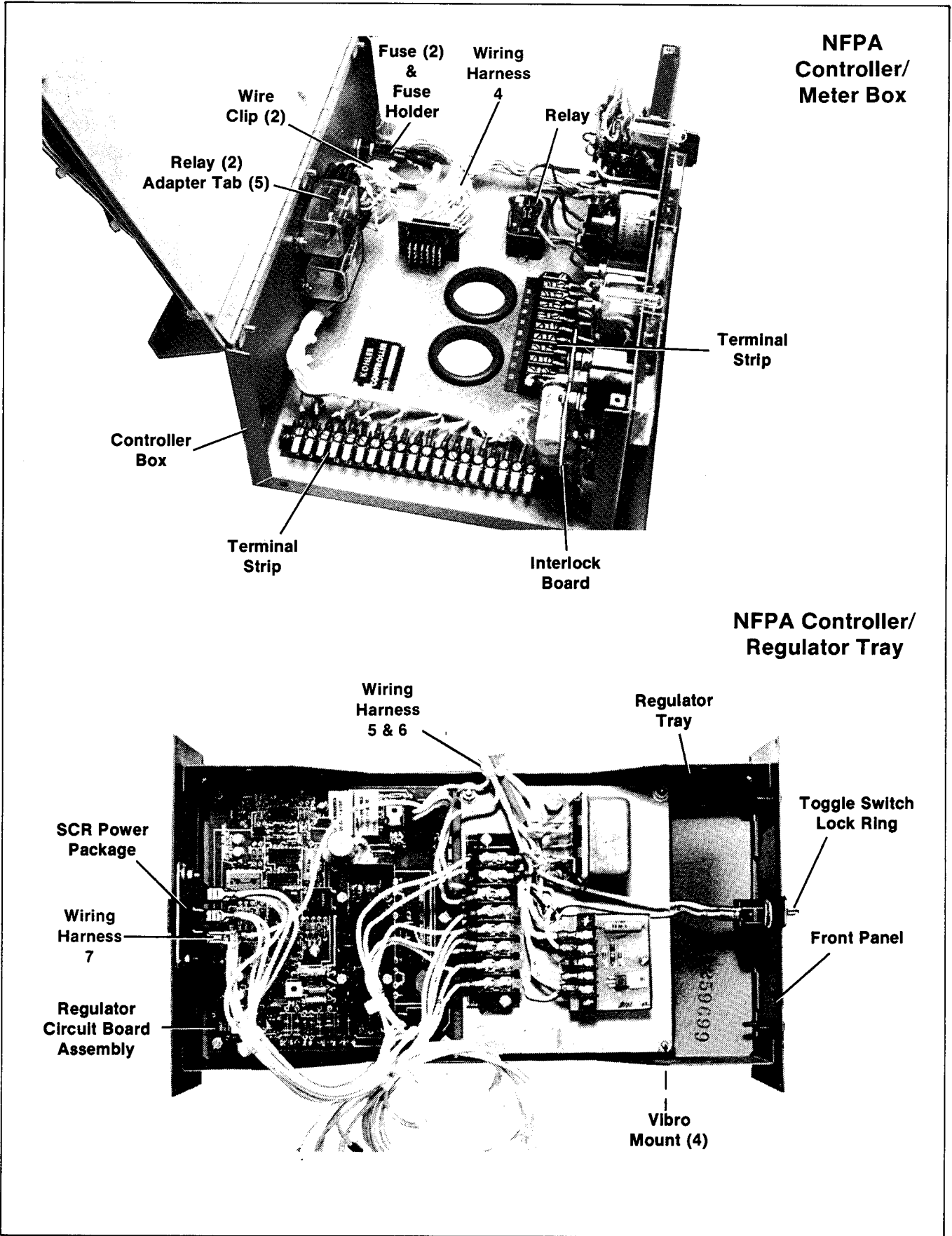
\*Refer to Controller Wiring Harness listings.

# Controller and Mounting 301

## NFPA Controller/Alarm Horn (parts not shown)

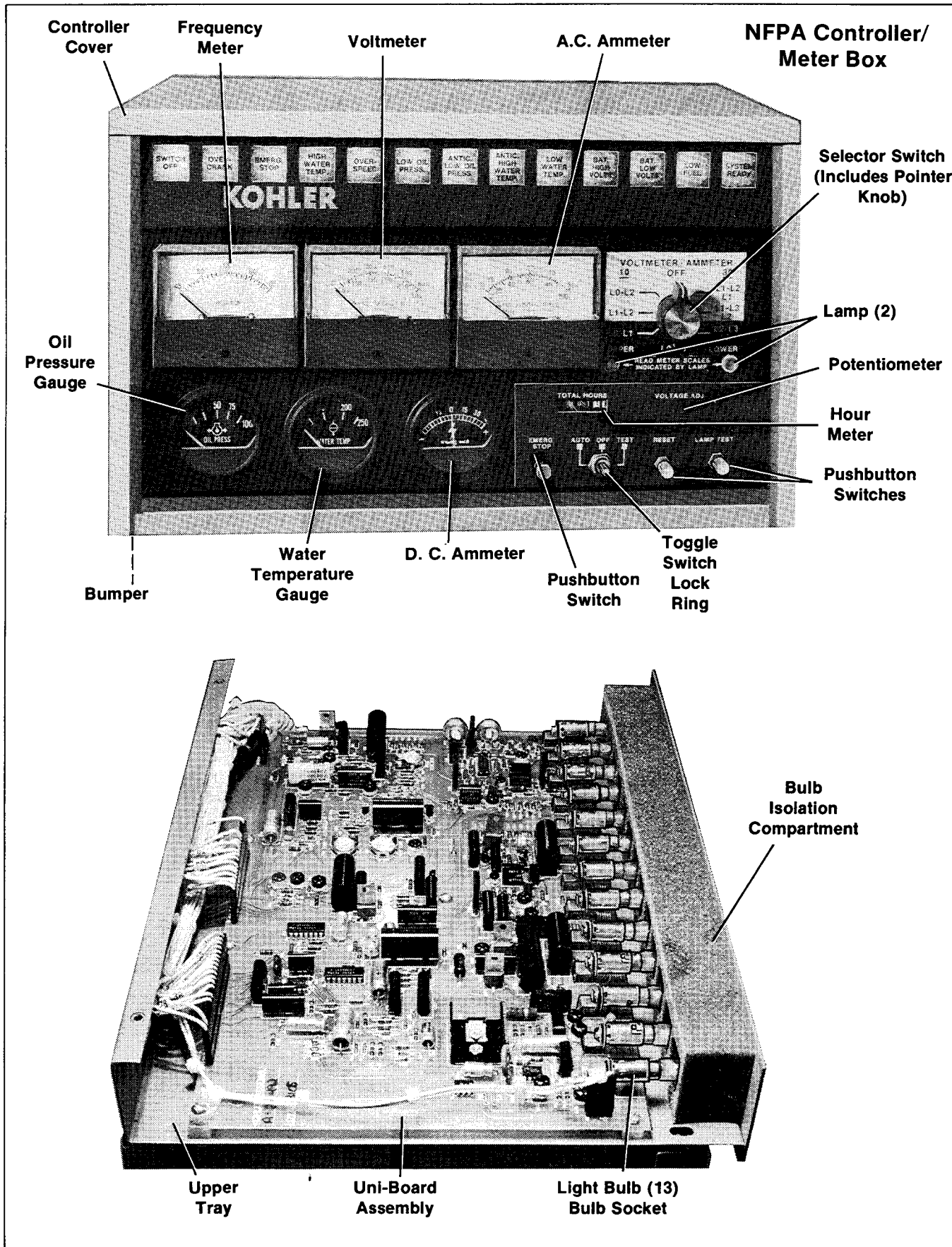
Part Number	Description	Page	Part Number	Description	Page
238157	Terminal, alarm horn	301-7	283747	Nut, horn	301-7
268564	Horn, warning	301-7	287949	Clip	301-7
283746	Bracket, horn	301-7	287950	Flasher	301-7

# Controller and Mounting 301



# Controller and Mounting

## 301



## Controller Wiring Harnesses

Part Number	Description	Page	Part Number	Description	Page
269995	Wiring harness 1 (standard controller) — panel assembly to relay circuit board	301-3	259708	Wiring harness 7 (NFPA controller) — SCR package to 15 pin connector on circuit board	301-7
259683	Wiring harness 2 (standard controller) — relay circuit board to SCR package	301-3		Wiring harness 8 (all controller types) — engine to controller	
291722	Wiring harness 3 (meter box controller) — meter wiring harness	301-4	250574	10RMOY, 15RMOY	301-7
269383	Wiring harness 4 (NFPA controller) — meter box harness to uniboard	301-4	256279	15RMY	301-7
269949	Wiring harness 5 (NFPA controller) — regulator tray to uniboard	301-7	259371	15ROY (up to specification 10422a)	301-7
287951	Wiring harness 6 (NFPA controller) — alarm horn relay to alarm horn.	301-7	259862	15ROY (specification 10427a and up)	301-7
			258310	17.5ROY	301-7
			259696	22.5RZ	301-7
			258548	22.5ROZ	301-7
			258310	24ROZ	301-7
			291721	32.5RZ	301-7
			291720	32.5ROZ, 47.5ROZ	301-7

# Housing and Mounting 501

## 15ROY

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259714	Bracket, housing	501-3	16	259732	Latch, handle	501-3	23
259718	Support, housing (RH)	501-3	4	259733	Rail, side	501-3	22
259719	Support, housing (LH)	501-3	20	259990	Support, housing (RH)	501-3	12
259991	Support, housing (LH)	501-3	11	259746	Roof	501-3	3
259721	Rail, corner (LH)	501-3	6	269994	Rack, battery	501-3	8
259722	Rail, corner (RH)	501-3	5	274200	Stud, hold down	501-3	9
259724	Stiffener	501-3	14	288614	Clamp, battery	501-3	10
A-259725	Door assembly (rad. end)	501-3	2	290821	Hanger, door	501-3	18
A-259726	Door assembly (rad. end)	501-3	19	259890	Latch, door	501-3	21
259727	Door	501-3	17	259428	Shroud, radiator	501-3	24
A-259889	Door assembly (gen. end)	501-3	7	259430	Shroud, radiator	501-3	25
259731	Rail, end	501-3	13				

## 17.5ROY 24ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259431	Shroud, radiator	501-3	25	259758	Support, housing (RH)	501-3	4
259590	Grill, radiator	501-3	1	259759	Support, housing (LH)	501-3	20
259721	Rail, corner (LH)	501-3	6	A-259889	Door assembly	501-3	7
259722	Rail, corner (RH)	501-3	5	259890	Latch door	501-3	21
259724	Stiffener	501-3	14	269994	Rack, battery	501-3	8
A-259726	Door assembly	501-3	19	288614	Clamp, battery	501-3	10
259727	Door	501-3	17	290821	Hanger, door	501-3	23
259731	Rail, end	501-3	13	A-258333	Door assembly	501-3	2
259732	Latch, handle	501-3	23	259412	Support, housing (RH)	501-3	4
259733	Rail, side	501-3	22	259413	Support, housing (LH)	501-3	20
259748	Roof	501-3	3	259429	Shroud, radiator	501-3	24
259757	Bracket, housing	501-3	16				

# Housing and Mounting 501

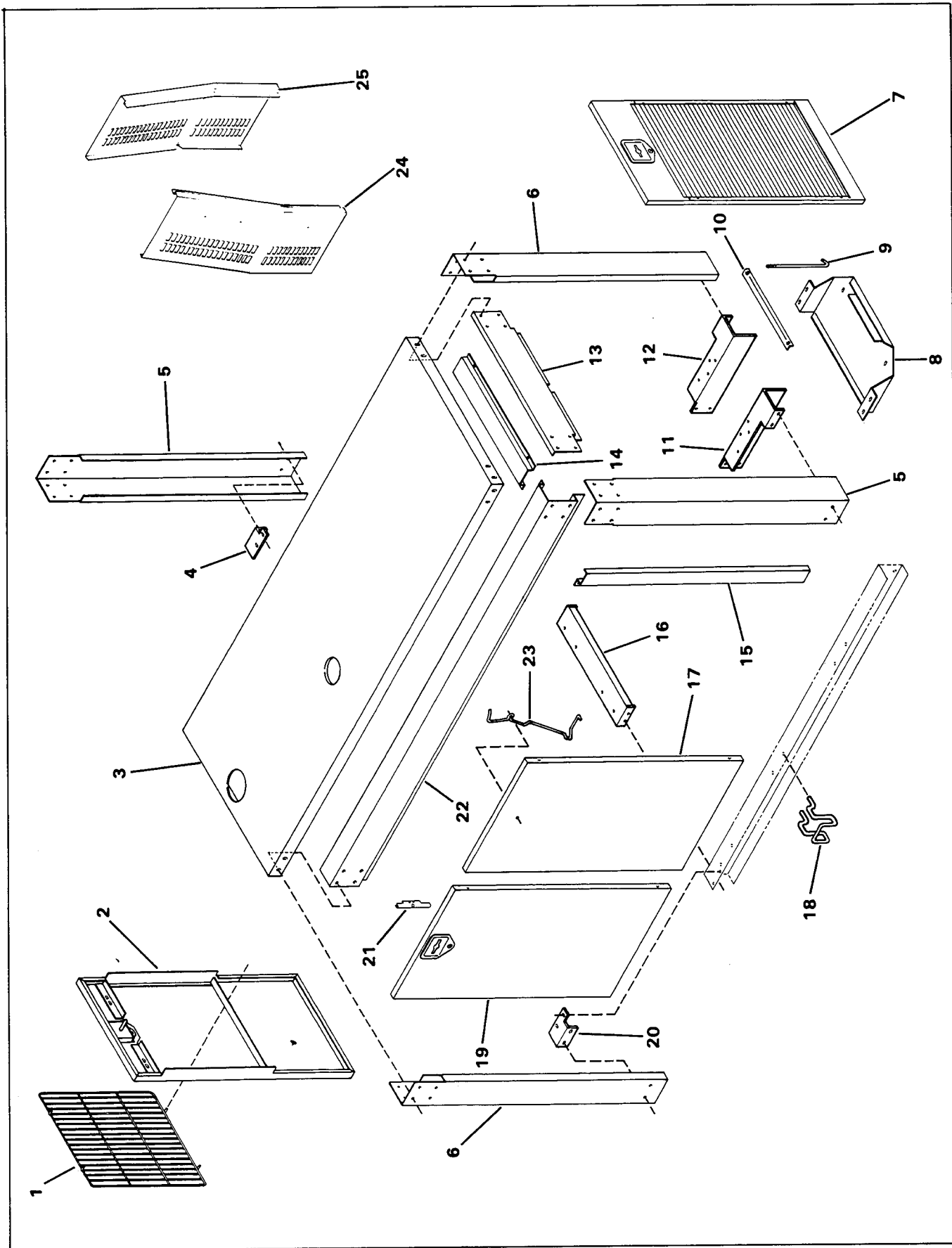
## 22.5RZ, 22.5ROZ, 32.5RZ, 32.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259412	Support, housing (RH)	501-3	4	259890	Latch, door	501-3	21
259413	Support, housing (LH)	501-3	20	259590	Grill, radiator	501-3	1
259721	Rail, corner (LH)	501-3	6	259748	Roof (22.5 Perkins)	501-3	3
259722	Rail, corner (RH)	501-3	5	259747	Roof (22.5 G1600)	501-3	3
259724	Stiffener	501-3	14	259744	Roof (32.5 G2300)	501-3	3
259727	Door	501-3	17	259745	Roof (32.5 D2300)	501-3	3
259731	Rail, end	501-3	13	A-259726	Door assembly (rad. end)	501-3	19
259732	Latch, handle	501-3	23	A-259729	Door assembly (22.5RZ Perkins) (rad. end)	501-3	2
259733	Rail, side	501-3	22	A-259730	Door assembly (32.5RZ) (rad. end)	501-3	2
259757	Bracket, housing	501-3	16	A-259888	Door assembly (22.5RZ G1600) (rad. end)	501-3	2
259758	Support, housing (RH)	501-3	11	A-259889	Door assembly (gen. end)	501-3	7
259759	Support, housing (LH)	501-3	12	259429	Shroud, radiator (22.5ROZ, 32.5ROZ, 32.5RZ)	501-3	24
269994	Rack, battery	501-3	8	259431	Shroud, radiator (22.5ROZ, 32.5ROZ, 32.5RZ)	501-3	25
274200	Stud, hold down	501-3	9				
288614	Clamp, battery	501-3	10				
290821	Hanger, door	501-3	18				
259428	Shroud, radiator (22.5RZ)	501-3	24				
259430	Shroud, radiator (22.5RZ)	501-3	25				

## 47.5ROZ

Part Number	Description	Page	Ref. Number	Part Number	Description	Page	Ref. Number
259412	Support, housing (RH)	501-3	4	288614	Clamp, battery	501-3	10
259413	Support, housing (LH)	501-3	20	290821	Hanger, door	501-3	18
259590	Grill, radiator	501-3	1	291921	Support, housing (LH)	501-3	11
259721	Rail, corner (LH)	501-3	6	291922	Support, housing (RH)	501-3	12
259722	Rail, corner (RH)	501-3	5	291923	Rail, side	501-3	22
259724	Stiffener	501-3	14	291924	Roof	501-3	3
259727	Door	501-3	17	291925	Panel, filler	501-3	15
259731	Rail, end	501-3	13	A-259726	Door assembly (rad. end)	501-3	19
259732	Latch, handle	501-3	23	A-259730	Door assembly (rad. end)	501-3	2
259757	Bracket, housing	501-3	16	A-259889	Door assembly (gen. end)	501-3	7
259890	Latch, door	501-3	21	259429	Shroud, radiator	501-3	24
269994	Rack, battery	501-3	8	259431	Shroud, radiator	501-3	25
274200	Stud, hold down	501-3	9				

# Housing and Mounting 501



**NOTE: For Meter Box Kit parts, refer to Controller, Group 301.  
For Weather Housing Kit parts, refer to Housing and  
Mounting, Group 501.**

**Block Heater  
15ROY  
Kit No. PA-259320**

Description	Part Number	Description	Part Number
Bracket, heater	259035	Block heater, 120 volt	A-290538
Tube, water	259319		

**17.5ROY  
24ROZ  
Kit No. PA-258324 (120 Volt)  
Kit No. PA-258325 (240 Volt)**

Description	Part Number	Description	Part Number
Bracket, block heater	259555	Block heater, 240 volt	A-290885
Block heater, 120 volt	A-290538		

**22.5ROZ  
Kit No. PA-259752 (120 Volt)  
Kit No. PA-259937 (240 Volt)**

Description	Part Number	Description	Part Number
Bracket, block heater	259555	Block heater, 120 volt	A-290538
Gasket, adapter	259750	Block heater, 240 volt	A-290885
Adapter, block heater	259751		

**22.5RZ  
Kit No. PA-259753 (120 Volt)  
Kit No. PA-259936 (240 Volt)**

Description	Part Number	Description	Part Number
Bracket, block heater	287731	Block heater, 240 volt	A-290885
Block heater, 120 volt	A-290538		

**32.5RZ  
32.5ROZ  
Kit No. PA-259643 (120 Volt)  
Kit No. PA-259634 (240 Volt)**

Description	Part Number	Description	Part Number
Spacer (4)	X-400-82	Block heater, 120 volt	A-290538
Bracket, block heater	287731	Block heater, 240 volt	A-290885

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**47.5ROZ**  
**Kit No. PA-290469 (120 Volt)**  
**Kit No. PA-290914 (240 Volt)**

Description	Part Number	Description	Part Number
Bracket, block heater	287731	Block heater, 240 volt	A-290885
Block heater, 120 volt	A-290538		

**Muffler Kits**  
**15ROY**  
**Kit No. PA-259946 Critical**  
**Kit No. PA-259947 Residential**

Description	Part Number	Description	Part Number
Elbow	151771	Disc, rain	291986
Strap, silencer	290864	Silencer (critical)	289714
Bracket, muffler	290866	Silencer (residential)	285732
Stud, hold down	290869		

**17.5ROY**  
**24ROZ**  
**Kit No. PA-258335 Residential**  
**Kit No. PA-258336 Critical**

Description	Part Number	Description	Part Number
Nipple, pipe	155029	Stud, hold down	290869
Pipe, exhaust	258332	Disc, rain	291118
Silencer (residential)	285720	Silencer (critical)	289715
Strap, muffler (residential)	290864	Strap (critical)	290865
Bracket, muffler (critical)	290866	Bracket, muffler (critical)	290867

**22.5ROZ**  
**Kit No. PA-259944 Residential**  
**Kit No. PA-259945 Critical**

Description	Part Number	Description	Part Number
Pipe (threads both ends)	155029	Silencer (residential)	285720
Stud, hold down	290869	Bracket, muffler (critical)	290867
Strap, silencer (critical)	290864	Bracket, muffler (residential)	290866
Strap, silencer (residential)	290865	Disc, rain	291118
Silencer (critical)	289715		

**22.5RZ  
Kit No. PA-259942 Residential  
Kit No. PA-259943 Critical**

Description	Part Number	Description	Part Number
Silencer (critical)	290494	Bracket, muffler	290866
Silencer (residential)	285720	Stud, hold down	290869
Strap, silencer	290864	Disc, rain	291118

**32.5RZ  
Kit No. PA-259777 Industrial  
Kit No. PA-259778 Residential  
Kit No. PA-259779 Critical**

Description	Part Number	Description	Part Number
Clamp (2)	286286	Strap, muffler (2) (industrial)	290864
Silencer (residential)	290484	Bracket, muffler (2) (residential and critical)	290867
Silencer (industrial)	285127	Bracket, muffler (2) (industrial)	290866
Silencer (critical)	290496	Stud (4)	290869
Strap, muffler (2) (residential and critical)	290865	Disc, rain	291119

**32.5ROZ  
Kit No. PA-259774 Industrial  
Kit No. PA-259775 Residential  
Kit No. PA-259776 Critical**

Description	Part Number	Description	Part Number
Silencer (critical)	290494	Bracket, muffler (2)	290866
Silencer (residential)	290482	Stud (4)	290869
Silencer (industrial)	280157	Disc, rain	291118
Strap, muffler (2)	290864		

**47.5ROZ  
Kit No. PA-291934 Residential  
Kit No. PA-291935 Critical**

Description	Part Number	Description	Part Number
Silencer (critical)	290496	Bracket, muffler (2)	290867
Silencer (residential)	290484	Stud, hold down (4)	290869
Strap, muffler (2)	290865	Disc, rain (2)	291931

# Accessories 601

## Line Circuit Breakers

kW	KVA	Volts	Phase	Amp	Amp	Pole	Kohler No.	Kit No.
10	10	120-240	1	41.7	40		269252	250580
	12.5	240	3	30.1	30		269250	250581
	12.5	120-208	3	34.7	40		269252	250580
	12.5	480	3	15.1	15		250575	250582
	12.5	600	3	12	15		250575	250582
15	15	120-240	1	62.5	70		269253	250579
	18.75	240	3	45.2	50		269249	250578
	18.75	120-208	3	52.1	50		269249	250578
	MWM 18.75	480	3	22.6	30		269250	250581
MWM	18.75	600	3	18.1	20		269251	250577
	15	120-240	1	63	70	2	269253	259910
15	18.75	240	3	45	50	3	269249	269255
	18.75	120-208	3	52	50	3	269249	269255
	Perkins 18.75	480	3	23	30	3	269250	269256
18.75		600	3	18	20	3	269251	269257
17.5	17.5	120-240	1	72.9	100		269254	258341
	21.9	240	3	52.7	70		269253	250579
	21.9	120-208	3	60.9	70		269253	250579
	21.9	480	3	26.4	30		269250	250581
	21.9	600	3	21.1	30		269250	250581
22.5	22.5	120-240	1	93.8	100		269254	269260
	28.1	240	3	67.7	70		269253	269258
	28.1	120-208	3	78.2	80		259932	259933
	28.1	480	3	33.9	40		269252	269262
	28.1	600	3	27	30		269250	269259
24	24	120-240	1	100	125	2		290798*
	30	240	3	72.3	80		259932	259933
	30	120-208	3	83.4	100		269254	269260
	30	480	3	36.1	40		269252	269262
	30	600	3	28.9	20		269251	269259
32.5	32.5	120-240	1	135	150	2		259249*
	40.6	240	3	97.8	100		269254	269260
	40.6	120-208	3	113	125	3		290870*
	40.6	480	3	48.9	50		269249	269261
	40.6	600	3	39	40		269252	269262
47.5	47.5	120-240	1	198	200	1		282728*
	59.3	240	3	143	150	3		259230*
	59.3	120-208	3	165	175	3		259231*
	59.3	480	3	70.7	70		269253	259994
	59.3	600	3	57.1	70		269253	259994

\*Too large to be installed in junction box.

## Reactive Droop Compensator 22.5RZ, 22.5ROZ, 24ROZ, 32.5RZ, 32.5ROZ, 47.5ROZ Kit No. PA-259939

Description	Part Number	Description	Part Number
Rheostat	259974	Transformer	283917

**Battery Rack Kits  
10RMOY, 15ROY, 15RMOY, 17.5ROY,  
22.5RZ, 22.5ROZ, 24ROZ,  
32.5RZ, 32.5ROZ, 47.5ROZ  
Kit No. PA-259742**

Description	Part Number	Description	Part Number
Stud (2)	274200	Clamp, battery	288614
Rack, battery	288582		

**15RMY  
Kit No. PA-256273**

Description	Part Number	Description	Part Number
Bolt, over	238213	Rack, battery	239190
Bracket, hold down	238725		

**Fuel Tank Kit — 8 Gallon, 1 $\phi$ , 120 Volt  
Kit No. A-289779**

Description	Part Number	Description	Part Number
Conduit	153395	Fuel tank assembly	A-289394
Connector, conduit	156327	Support, tank	289398
Nut, wire	202054	Bracket, tank	289399
Box (electrical)	266468	Elbow, fuel outlet	289400
Cover, conduit box	266469	Shut off valve	289924
Plate	286980	Pump motor assembly	A-290024
Switch, float	286986		

**Fuel Tank Kit — 8 Gallon, 3 $\phi$ , 240 Volt  
Kit No. A-289590**

Description	Part Number	Description	Part Number
Conduit	156327	Coupling, body	286984
Nut, wire	202054	Spacer	286985
Box, electrical	266468	Tank, fuel	A-289394
Cover, conduit box	266469	Support, tank	289398
Plate	286980	Bracket, tank	289399
Pump, fuel	286981	Elbow, fuel outlet	289400
Motor	286982	Shut-off valve	289924
Coupling, body	286983		

# Accessories

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### Fuel Tank Kit — 20 Gallon, 1 $\phi$ Kit No. A-290051

Description	Part Number	Description	Part Number
Conduit	153395	Support, tank	289398
Elbow, conduit (2)	156327	Bracket, tank	289399
Box, conduit	266468	Elbow, fuel inlet	289400
Cover, conduit	266469	Valve, shut off	289924
Base, pump	286980	Pump, fuel	A-290024
Switch, float	286986	Bracket, fuel tank	290052
Tank, fuel	A-289395		

### Nameplates and Decals

Description	Part Number	Description	Part Number
Decal, fresh water system warning	241082	Decal, reconnection warning	259931
Decal, equipment ground (all other models)	290435	Decal, water drain	280561
Decal, generator connection (all models except 600 volt)	259365	Decal, oil drain	280562

### Fuel Tank Kit — 20 Gallon, 3 $\phi$ Kit No. A-290054

Description	Part Number	Description	Part Number
Fuel Tank Assembly	A-289395	Switch, float	286986
Conduit Elbow (2)	156327	Support, tank (2)	289398
Box	266468	Bracket, tank (3)	289399
Cover, box	266469	Elbow, fuel outlet	289400
Plate	286980	Shut-off valve	289924
Pump, fuel	286981	Bracket, fuel tank	290052
Motor	286982		