
COMPOSITE PARTS LIST

FOR

ONAN DIESEL ELECTRIC
GENERATING PLANTS

Series
DRP

(INCLUDES INDUSTRIAL ENGINES)

912-0014



DIVISION OF STUDEBAKER CORPORATION
MINNEAPOLIS 14 MINNESOTA

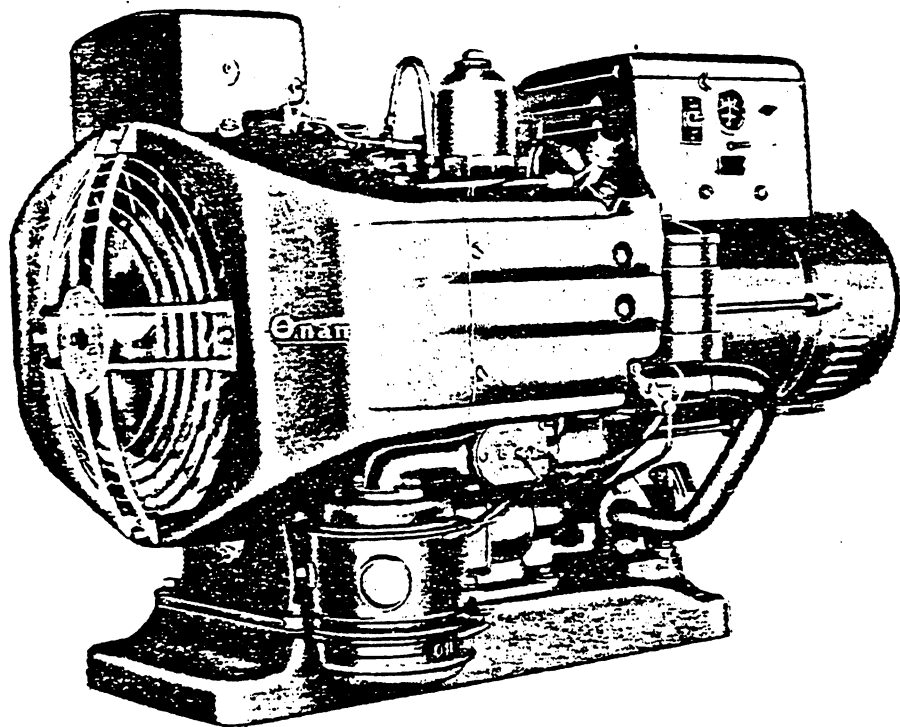
INSTRUCTIONS FOR USING COMPOSITE PARTS LIST

1. CHECK PLANT NAMEPLATE FOR CORRECT MODEL AND SPEC NUMBER.
2. LOCATE MODEL IN MODEL INDEX SECTION.
3. SEE MODEL DATA SECTION FOR SPECIAL PARTS.
4. SELECT STANDARD PARTS FROM APPROPRIATE SECTIONS.

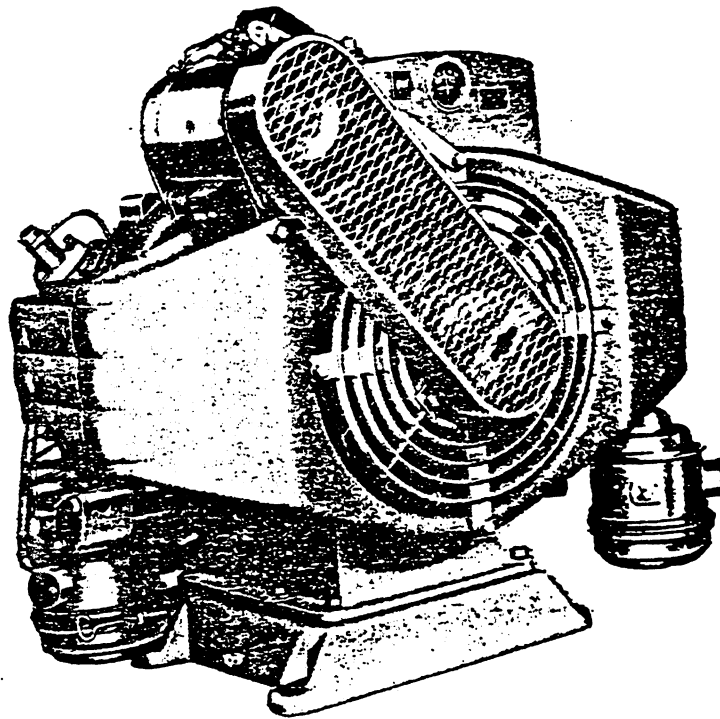
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DRP SERIES TYPICAL MODELS



DRP
ENGINE GENERATOR



DRP
INDUSTRIAL ENGINE

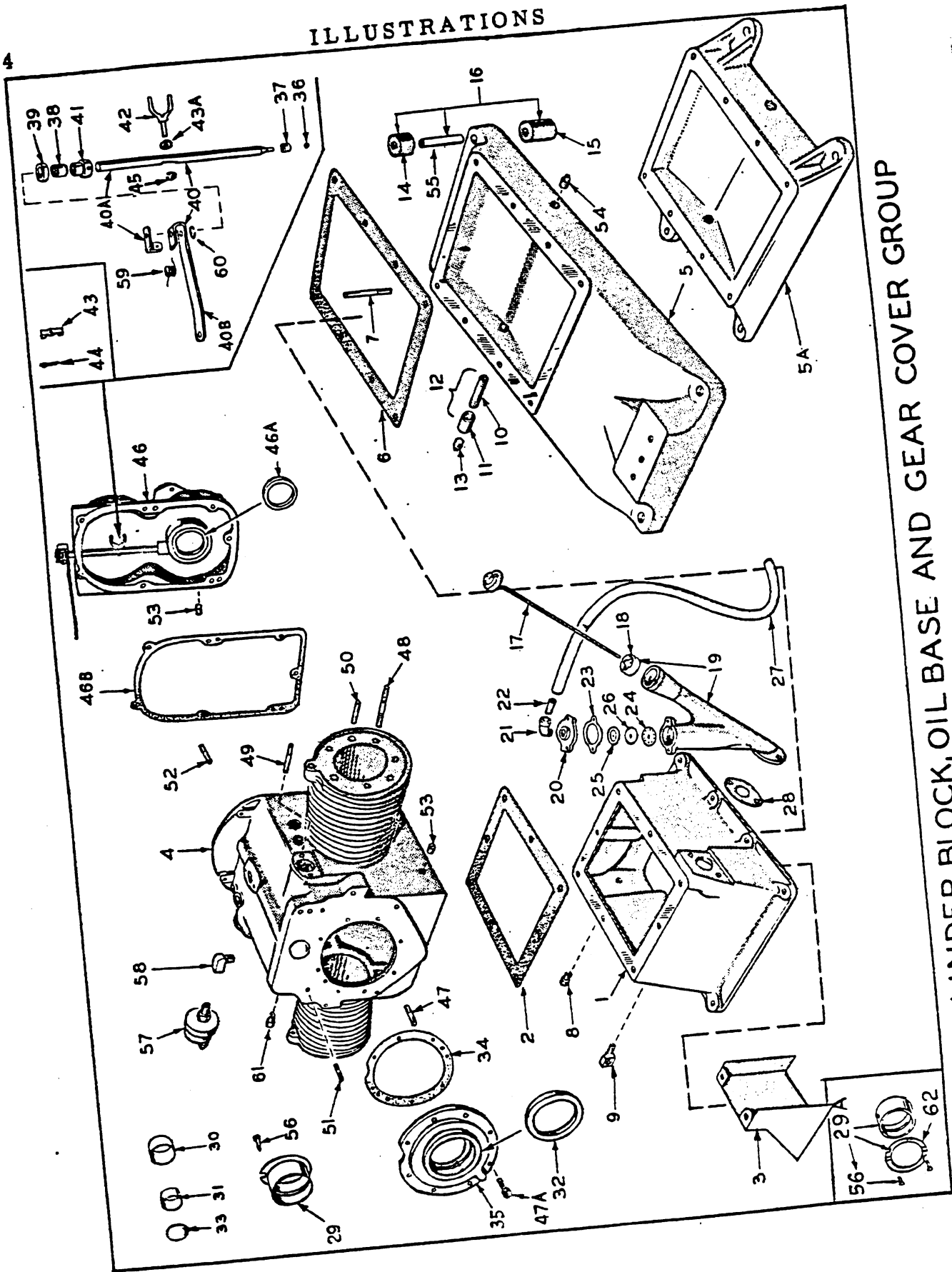
TYPICAL ILLUSTRATIONS

PARTS ILLUSTRATED ARE TYPICAL OF THE DRP SERIES BUT DO NOT REFER TO ANY SPECIFIC MODEL. THIS SECTION IS A REFERENCE AS TO THE NOUN USED TO DESCRIBE PARTS LISTED IN THE ENGINE, GENERATOR, CONTROL AND ACCESSORY SECTIONS. FOR PART NUMBERS FOR ANY GIVEN UNIT CHECK THE DESCRIPTION IN THE APPROPRIATE SECTION.

ILLUSTRATIONS

DRP

4



CYLINDER BLOCK, OIL BASE AND GEAR COVER GROUP

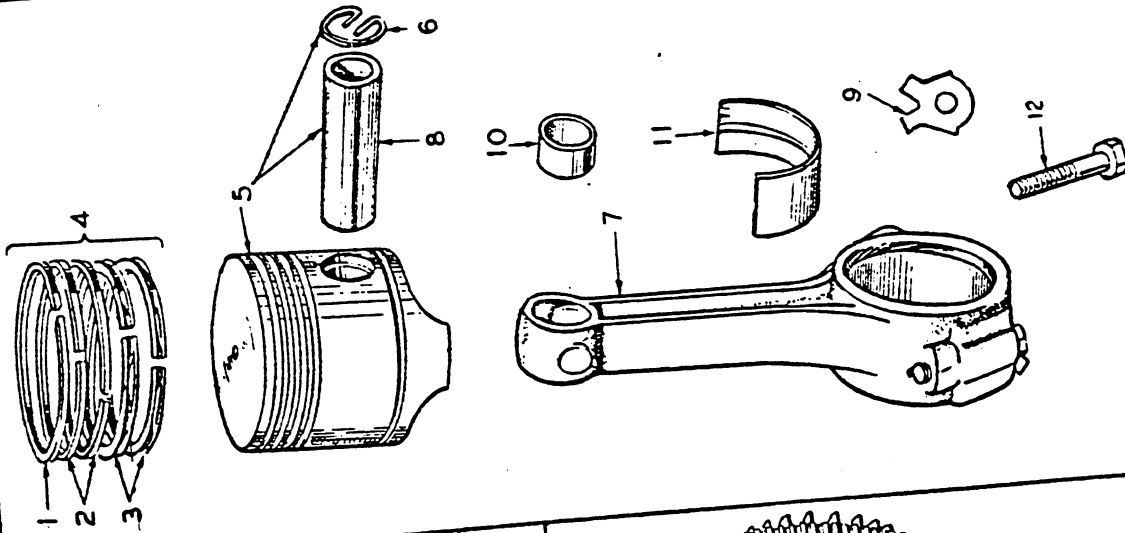
CYLINDER BLOCK, OIL BASE & GEAR COVER GROUP
(Refer to Engine Section for Part Numbers)

- | | |
|--|---------------------------------------|
| 1. Adapter | 34. Gasket Kit, Bearing Plate |
| 2. Gasket, Adapter | 35. Plate, Bearing |
| 3. Plate, Baffle | 36. Bearing, Shaft |
| 4. Block, Cylinder | 37. Bearing, Needle - Lower |
| 5. Base, Oil (Generators) | 38. Bearing, Needle - Upper |
| 5A. Base, Oil (Industrial Engines) | 39. Seal, Oil - Governor Shaft |
| 6. Gasket, Oil Base | 40. Arm and Shaft, Governor |
| 7. Stud, Ground | 40A. Shaft and Stud Bracket, Governor |
| 8. Connector, Inverted | 40B. Arm, Governor Shaft |
| 9. Elbow, Inverted | 41. Collar, Governor Shaft |
| 10. Nipple, Drain | 42. Yoke, Governor Shaft |
| 11. Coupling, Drain | 43. Spring, Yoke |
| 12. Drain Assembly | 43A. Washer, Yoke |
| 13. Plug, Pipe | 44. Pin, Cotter - Yoke Retaining |
| 14. Cushion, Upper | 45. Ring, Yoke Retaining |
| 15. Cushion, Lower | 46. Cover Assembly, Gear |
| 16. Mounting Assembly | 46A. Seal, Oil - Gear Cover |
| 17. Indicator & Cap | 46B. Gasket, Gear Cover |
| 18. Neck, Filler | 47. Stud - Bearing Plate |
| 19. Tube Assembly | 47A. Bolt, Place - Bearing Plate |
| 20. Cover, Breather Tube | 48. Stud |
| 21. Elbow, Street | 49. Stud |
| 22. Nipple, Half | 50. Stud |
| 23. Gasket, Cover | 51. Stud |
| 24. Plate, Valve | 52. Stud |
| 25. Plate, Back | 53. Plug, Pipe |
| 26. Valve, Flapper | 54. Plug, Pipe |
| 27. Hose, Breather | 55. Bushing, Spacer |
| 28. Gasket, Tube - Adapter | 56. Pin, Bearing Stop |
| 29. Bearing Kit, Crankshaft - Flanged | 57. Switch, Oil Pressure |
| 29A. Bearing Kit, Crankshaft - Precision | 58. Elbow, Street |
| 30. Bearing, Camshaft - Front | 59. Spring, Loading |
| 31. Bearing, Camshaft - Rear | 60. Ring, Snap |
| 32. Seal, Oil - Bearing Plate | 61. Connector, Inverted |
| 33. Plug, Welch - Camshaft | 62. Washer, Crankshaft Thrust |

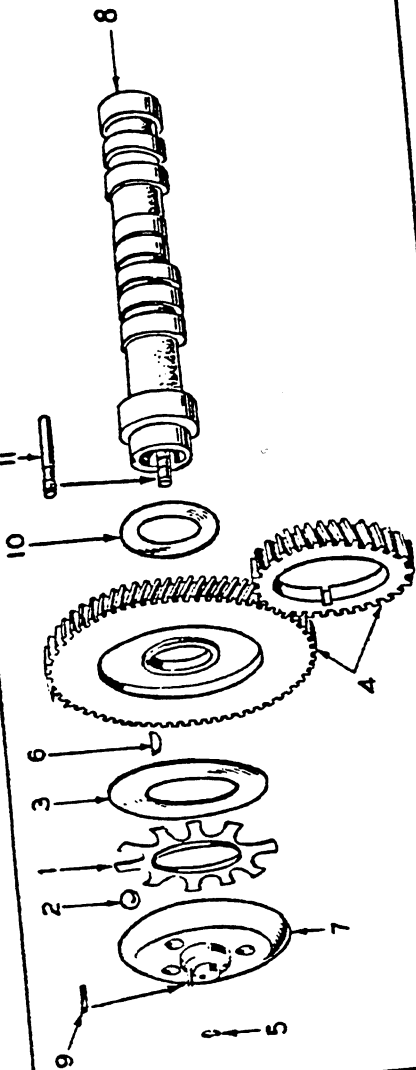
ILLUSTRATIONS

DRP

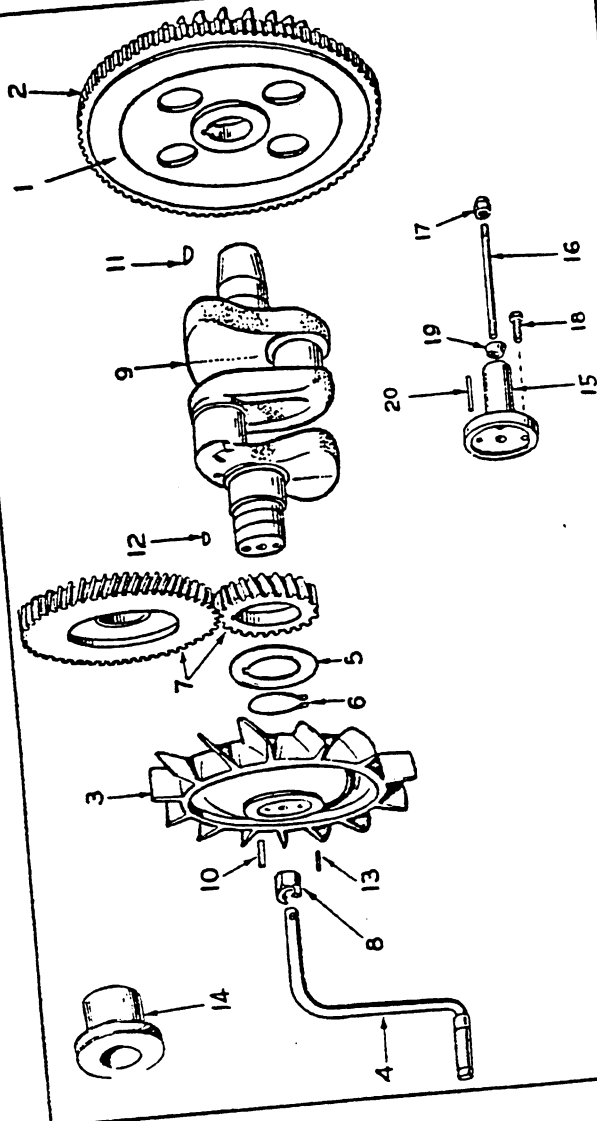
I



PISTON AND CONNECTING ROD GROUP



CAMSHAFT GROUP



CRANKSHAFT AND FLYWHEEL GROUP

1
2
3
4
5
6
7
8
9
10
11
12

CAMSHAFT GROUP
(Refer to Engine Section for Part Numbers)

1. Spacer, Ball
2. Flyball, Governor
3. Plate, Ball
4. Gear Set
5. Ring, Snap
6. Key, Gear
7. Cup, Governor
8. Camshaft
9. Pin, Stop
10. Washer, Thrust
11. Pin, Center

CRANKSHAFT & FLYWHEEL GROUP
(Refer to Engine Section for Part Numbers)

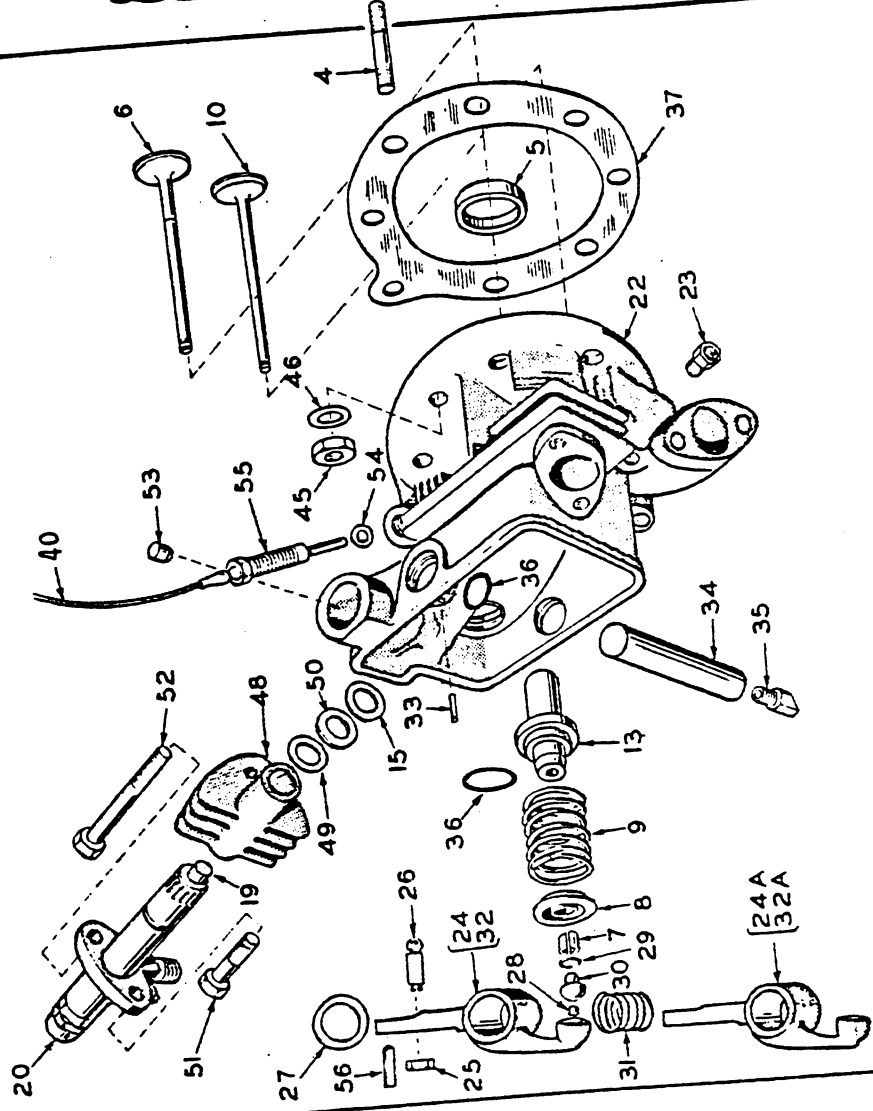
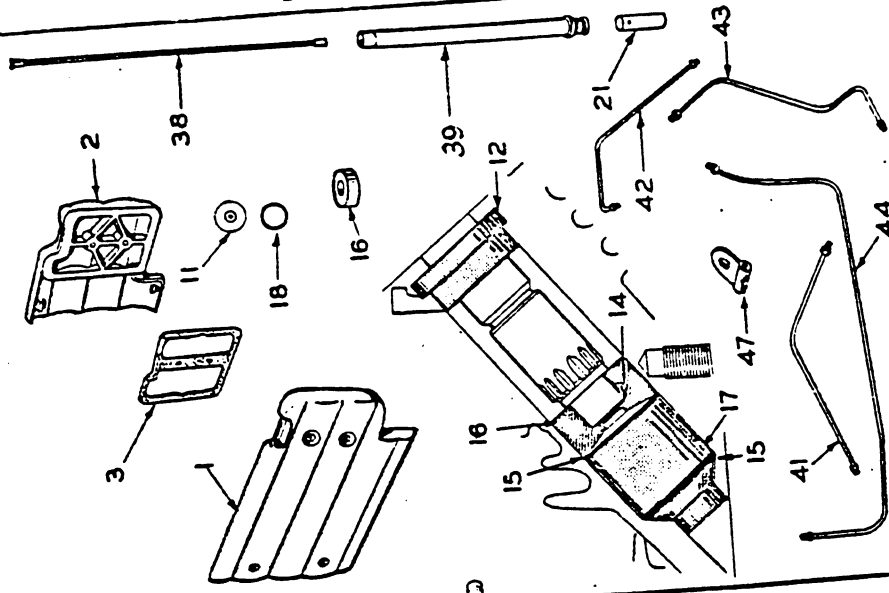
- | | |
|------------------------|------------------------|
| 1. Flywheel | 11. Key, Flywheel |
| 2. Gear, Ring | 12. Key, Gear |
| 3. Wheel, Blower | 13. Pin, Blower |
| 4. Crank, Hand | 14. Sheave, Crankshaft |
| 5. Washer, Retainer | 15. Shaft, Stub |
| 6. Ring, Snap | 16. Stud |
| 7. Gear Set | 17. Nut, Acorn |
| 8. Dog, Crank | 18. Bolt, Place |
| 9. Crankshaft | 19. Washer, Centering |
| 10. Stud, Blower Wheel | 20. Key, Stub Shaft |

PISTON & CONNECTING ROD GROUP
(Refer to Engine Section for Part Numbers)

1. Ring, Compression
2. Ring, Compression
3. Ring, Oil Control
4. Ring Set
5. Piston and Pin Assembly
6. Ring, Pin Retaining
7. Rod, Connecting
8. Pin, Piston
9. Washer, Lock
10. Bushing
11. Bearing Half
12. Screw, Cap

ILLUSTRATIONS

CYLINDER HEAD GROUP

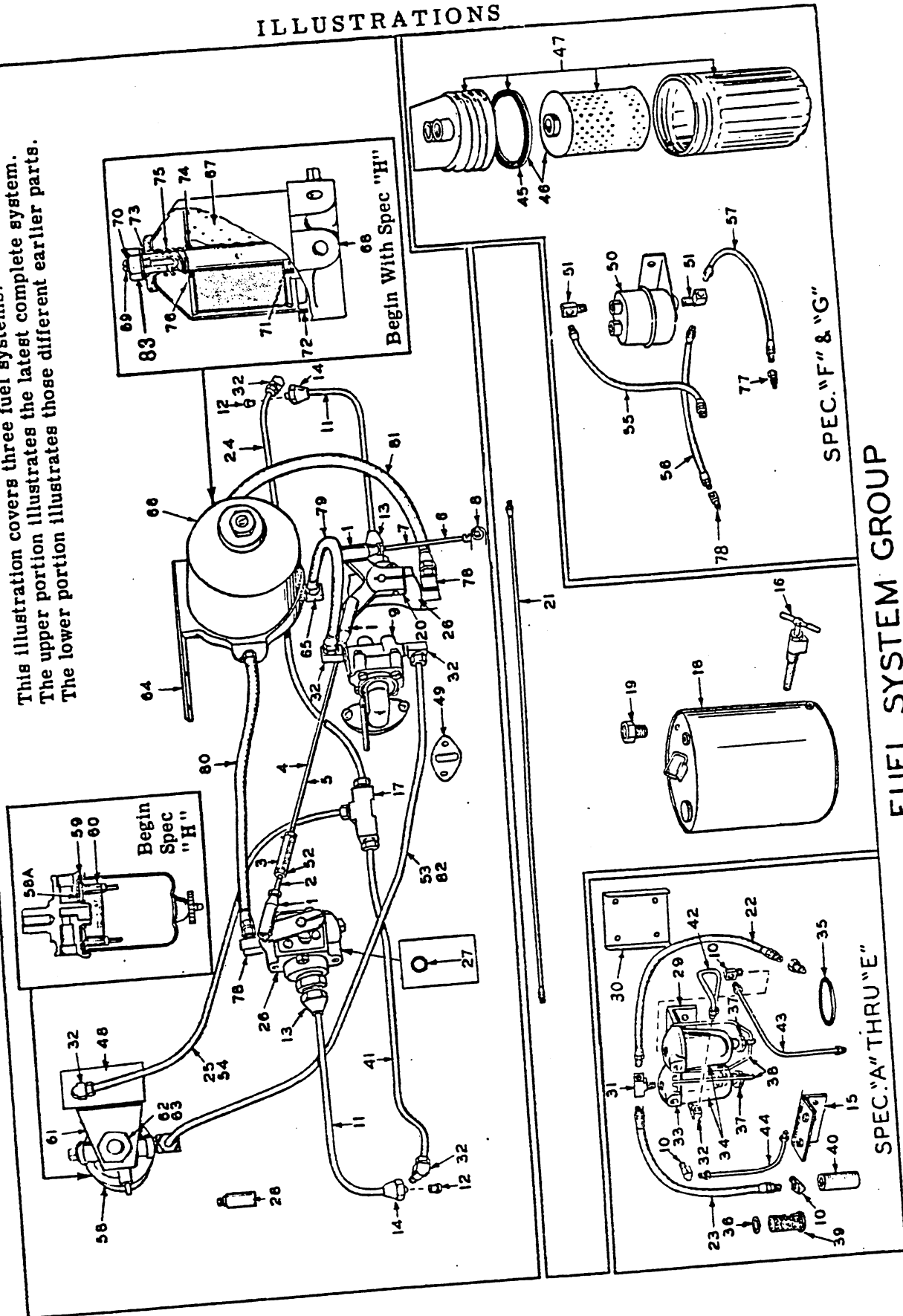


CYLINDER HEAD GROUP
(Refer to Engine Section for Part Numbers)

- | | | | |
|------|------------------------------|------|---------------------------|
| 1. | Cover, Valve Box - Right | 29. | Retainer, Ball |
| 2. | Cover, Valve Box - Left | 30. | Ball, Rocker Arm |
| 3. | Gasket, Cover | 31. | Spring, Arm |
| 4. | Stud | 32. | Arm, Exhaust Rocker |
| 5. | Insert, Valve Seat | 32A. | Arm, Intake Rocker |
| 6. | Valve, Exhaust | 33. | Pin, Shaft Groove |
| 7. | Lock, Retainer | 34. | Shaft, Rocker Arm |
| 8. | Washer, Retainer | 35. | Elbow, Inverted |
| 9. | Spring, Valve | 36. | "O" Ring |
| 10. | Valve, Intake | 37. | Gasket, Cylinder Head |
| 11. | Washer, Cup | 38. | Rod, Push |
| 12. | Bushing, Holder | 39. | Shield Assembly, Push Rod |
| 13. | Guide, Valve | 40. | Lead, Heater to Glow Plug |
| 14. | Gasket, Nozzle | 41. | Line, Pressure - Right |
| 15. | Gasket, Cup | 42. | Line, Drain - Left |
| 16. | Adapter, Nozzle | 43. | Line, Drain - Right |
| 17. | Cup, Fuel | 44. | Line, Pressure - Left |
| 18. | Gasket, Nozzle Cap | 45. | Nut |
| 19. | Nozzle | 46. | Spacer |
| 20. | Nozzle and Holder | 47. | Clip |
| 21. | Tappet, Valve | 48. | Adapter, Nozzle |
| 22. | Head, Cylinder | 49. | Gasket, Insulating |
| 23. | Connector, Inverted | 50. | Shield, Heat |
| 24. | Arm Assembly, Exhaust Rocker | 51. | Screw, Cap |
| 24A. | Arm Assembly, Intake Rocker | 52. | Screw, Cap |
| 25. | Nut, Adjusting Screw | 53. | Plug, Brass |
| 26. | Screw, Arm | 54. | Gasket, Glow Plug |
| 27. | Washer, Spacer | 55. | Plug Kit, Glow |
| 28. | Wick, Oil | 56. | Screw, Oval Tip |

ORIENTATION

This illustration covers three fuel systems.
The upper portion illustrates the latest complete system.
The lower portion illustrates those different earlier parts.



FUEL SYSTEM GROUP
(Refer to Engine Section for Part Numbers)

- | | |
|------------------------------------|------------------------------------|
| 1. Joint, Ball | 43. Line, Fuel |
| 2. Stud, Rod - Short | 44. Line, Fuel |
| 3. Nut, Rod Adjusting | 45. Gasket, Filter |
| 4. Stud, Rod - Long | 46. Cartridge, Filter |
| 5. Rod, Pump Control | 47. Filter, Fuel |
| 6. Link, Governor | 48. Bracket & Coupling |
| 7. Link Assembly, Governor | 49. Gasket, Transfer Pump Mounting |
| 8. Clip, Rod End | 50. Tank, Air Accumulator |
| 9. Pump, Fuel Transfer | 51. Elbow, Street |
| 10. Elbow, Inverted | 52. Nut |
| 11. Line, Injection Pump to Nozzle | 53. Line, Fuel |
| 12. Ring, Coupling | 54. Line, Fuel |
| 13. Nut, Coupling | 55. Line, Fuel |
| 14. Nut, Coupling | 56. Line, Fuel |
| 15. Bracket, Fuel Line | 57. Line, Fuel |
| 16. Valve, Shut off | 58. Filter, Primary Fuel |
| 17. Tee | 58A. Gasket, Fibre |
| 18. Tank, Fuel | 59. Gasket, Neoprene |
| 19. Connector, Inverted | 60. Element, Primary Filter |
| 20. Lever, Throttle | 61. Bracket, Filter Mounting |
| 21. Line, Fuel | 62. Nut |
| 22. Line, Fuel | 63. Washer |
| 23. Line, Fuel | 64. Bracket, Filter Mounting |
| 24. Line, Fuel | 65. Elbow, Street |
| 25. Line, Fuel | 66. Filter, Secondary Fuel |
| 26. Pump, Injection | 67. Cartridge, Fuel Filter |
| 27. "O" Ring | 68. Base, Secondary Filter |
| 28. Tappet, Injection Pump | 69. Screw |
| 29. Filter, Fuel | 70. Gasket, Copper "Washer" |
| 30. Bracket, Filter Mounting | 71. Gasket, Cartridge to Base |
| 31. Tee, Pipe | 72. Gasket, Body to Base |
| 32. Elbow, Inverted | 73. Gasket, Screw to Body |
| 33. Cover, Filter | 74. Gasket, Cartridge to Spring |
| 34. Bowl, Filter | 75. Spring, Cartridge Securing |
| 35. Gasket, Bowl | 76. Washer, Cartridge Securing |
| 36. Seat, Filter | 77. Connector & Strainer |
| 37. Nut, Thumb | 78. Elbow & Strainer |
| 38. Bail & Screw | 79. Line, Fuel |
| 39. Screen, Filter | 80. Line, Fuel |
| 40. Element, Secondary Filter | 81. Line, Fuel |
| 41. Line, Fuel | 82. Line, Fuel |
| 42. Line, Fuel | 83. Bolt, Secondary Filter |

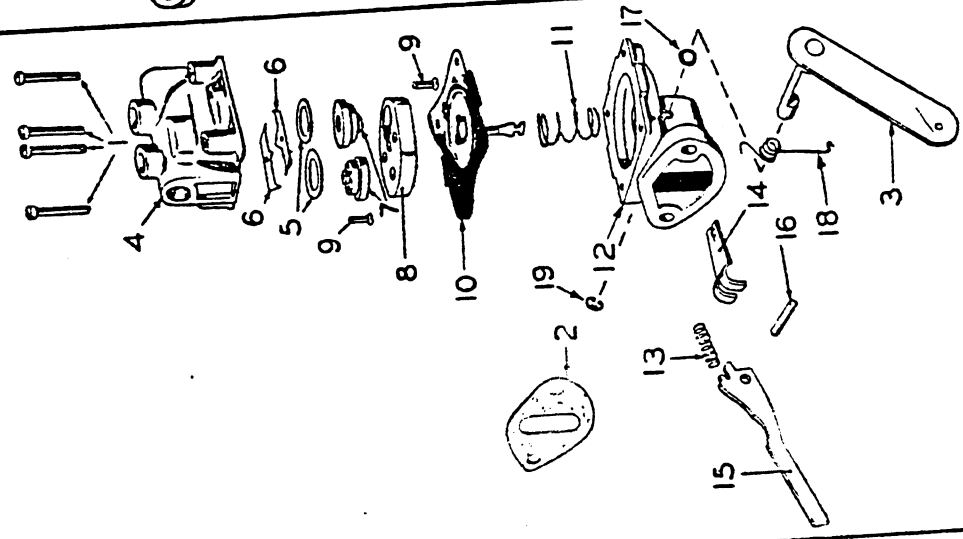
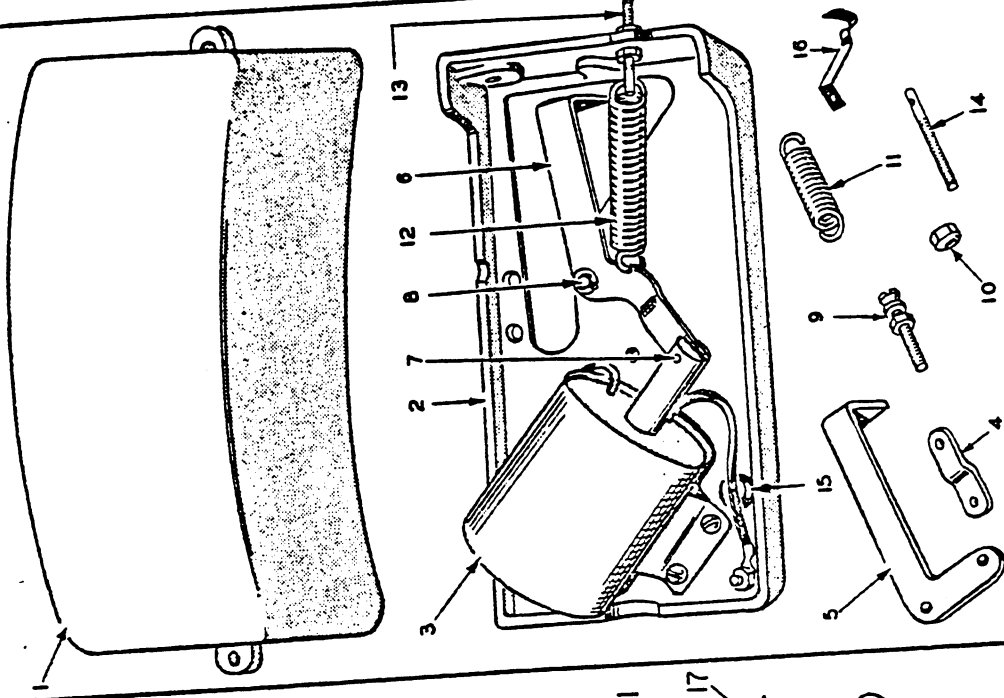
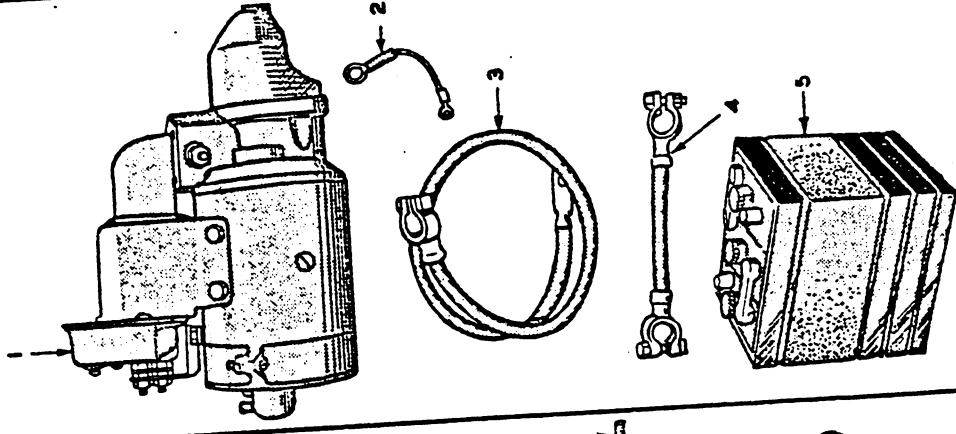
ILLUSTRATIONS

DRP

STARTING MOTOR GROUP

GOVERNOR GROUP

FUEL PUMP PARTS GROUP



FUEL PUMP PARTS GROUP

(Refer to Accessory Section for Part Numbers)

- | | |
|---------------------|-----------------------|
| 1. Screw, Body | 10. Diaphragm |
| 2. Gasket, Mounting | 11. Spring, Diaphragm |
| 3. Lever, Primer | 12. Body, Lower |
| 4. Body, Upper | 13. Spring, Arm |
| 5. Gasket, Valve | 14. Link |
| 6. Gasket, Spacer | 15. Arm, Rocker |
| 7. Valve and Cage | 16. Pin, Arm |
| 8. Retainer | 17. Seal, "O" Ring |
| 9. Screw, Retainer | 18. Spring, Lever |
| | 19. Ring, Retainer |

GOVERNOR GROUP

(Refer to Engine Section for Part Numbers)

- | | |
|-----------------------------|-------------------------------------|
| 1. Cover, Solenoid | 9. Stud, Adjusting |
| 2. Bracket, Solenoid | 10. Nut, Adjusting |
| 3. Solenoid and Lead | 11. Spring, Governor |
| 4. Link, Stop Solenoid | 12. Spring, Stop Solenoid |
| 5. Lever, Throttle Stop | 13. Stud, Solenoid Spring Adjusting |
| 6. Lever, Throttle Stop | 14. Stud, Speed Adjusting |
| 7. Pin, Solenoid Lever | 15. Grommet |
| 8. Pin, Throttle Stop Lever | 16. Spring, Latch |

STARTING MOTOR GROUP

(Refer to Engine Section for Part Numbers)

1. *Starter
2. Lead, Starter
3. Cable, Battery
4. Cable, Jumper
5. Battery

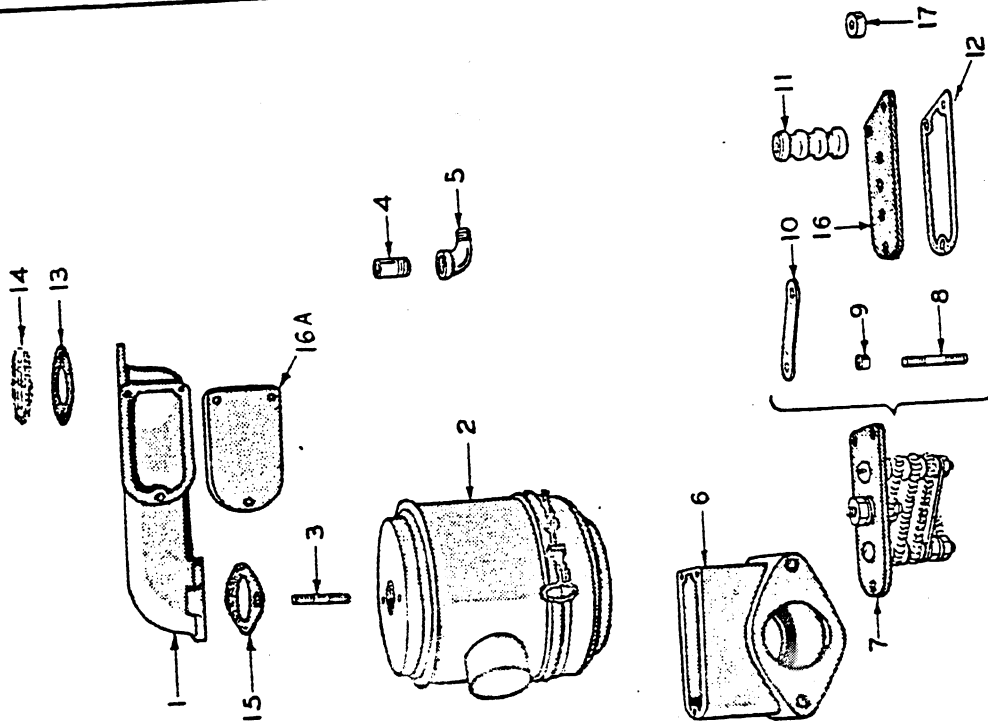
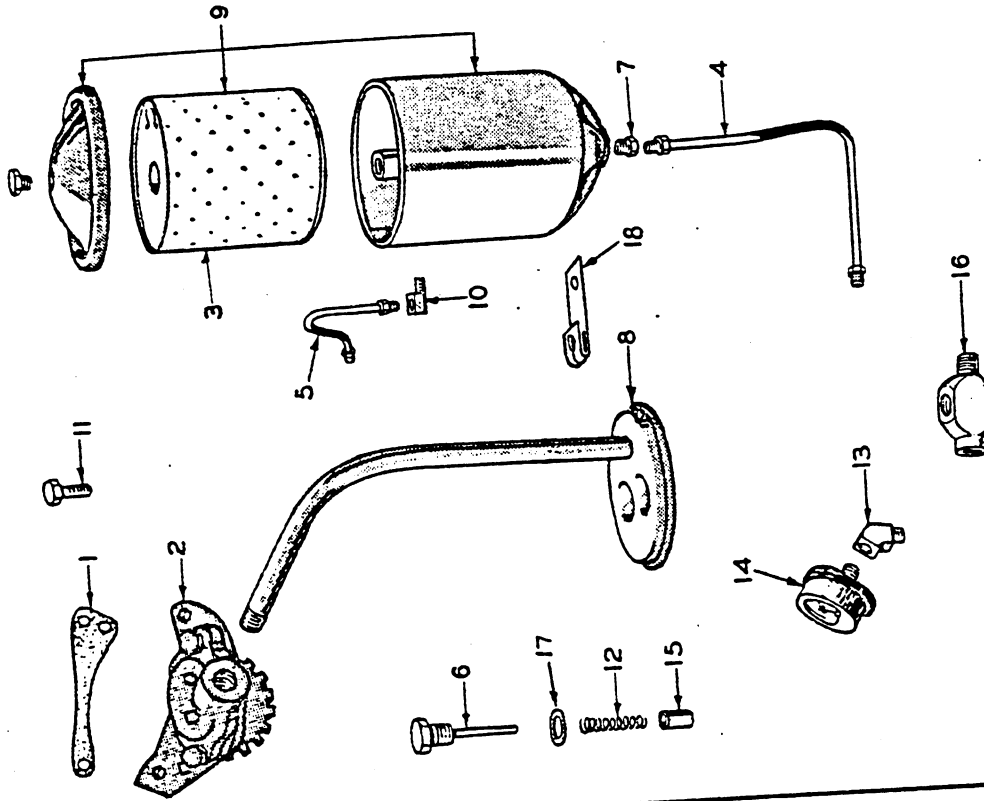
* = See Accessory Section for
Component Parts of Starter.

ILLUSTRATIONS

DRP

OIL PUMP GROUP

AIR CLEANER GROUP



AIR CLEANER GROUP

(Refer to Engine Section for Part Numbers)

- | | |
|------------------------|--------------------------------|
| 1. Adapter, Right Hand | 10. Spacer, Stud |
| 2. Cleaner, Air | 11. Support, Element |
| 3. Stud, Cleaner | 12. Gasket, Cover |
| 4. Nipple, Half | 13. Gasket, Screen |
| 5. Elbow, Street | 14. Screen |
| 6. Adapter, Left Hand | 15. Gasket, Cleaner to Adapter |
| 7. *Heater, Air | 16. Cover, Adapter |
| 8. Stud, Terminal | 16A. Cover, Adapter |
| 9. Washer, Insulating | 17. Spacer, Element |

* = See Accessory Section for Component Parts of Heater.

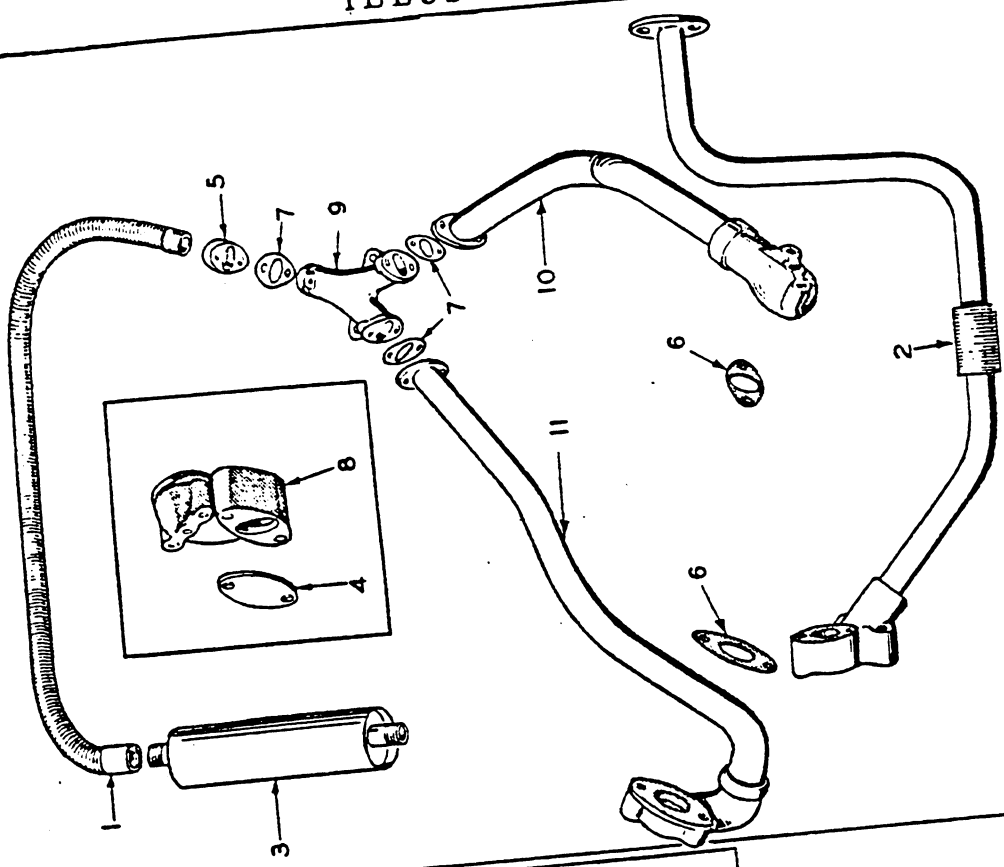
OIL PUMP GROUP

(Refer to Engine Section for Part Numbers)

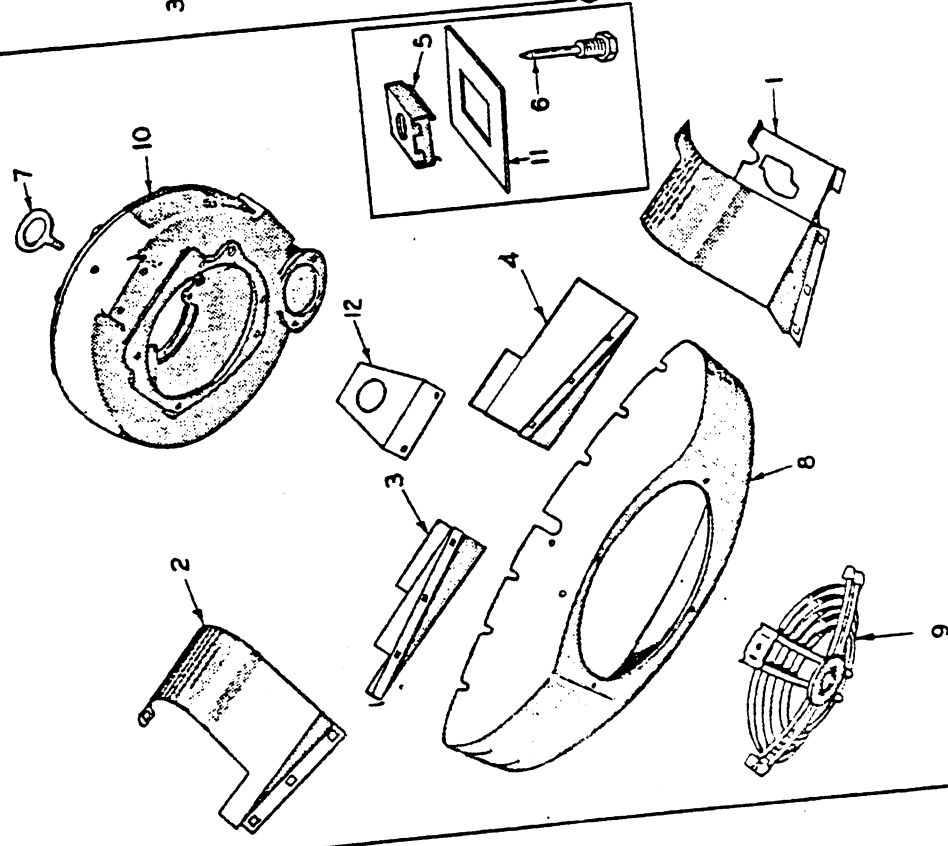
- | | |
|------------------------------|--------------------------|
| 1. Gasket, Cover | 10. Elbow, Inverted |
| 2. Pump, Oil | 11. Screw, Pump Mounting |
| 3. Cartridge, Oil Filter | 12. Spring, By Pass |
| 4. Line, Oil Filter Drain | 13. Fitting, Restricted |
| 5. Line, Oil Filter Pressure | 14. Gauge, Oil |
| 6. Guide, Cap and Spring | 15. Piston, By Pass |
| 7. Connector, Inverted | 16. Tee |
| 8. Cup, Oil | 17. Washer, Copper |
| 9. Filter, Oil | 18. Bracket, Oil Cup |

ILLUSTRATIONS

MUFFLER GROUP



HOUSING GROUP



HOUSING GROUP

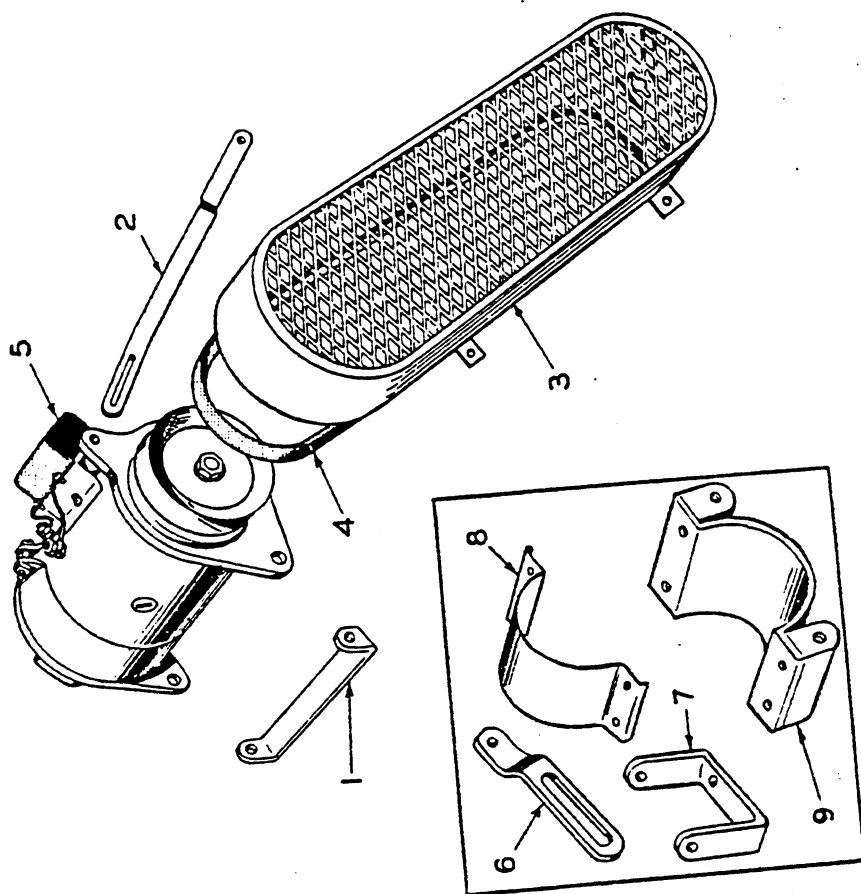
(Refer to Engine Section for Part Numbers)

1. Shroud, Cylinder - Lower Right
 2. Shroud, Cylinder - Lower Left
 3. Shroud, Cylinder - Upper Left
 4. Shroud, Cylinder - Upper Right
 5. Nut, Grip
 6. Indicator, Timing Mark
 7. Bolt, Eye
 8. Housing, Blower
 9. Grille, Blower Housing
 10. Housing, Flywheel
 11. Spacer, Grip Nut
 12. Bracket, Lifting
-

MUFFLER GROUP

(Refer to Engine Section for Part Numbers)

1. Tube, Flexible Exhaust
2. Manifold, Exhaust
3. Muffler, Exhaust
4. Cover, Outlet
5. Flange, Exhaust
6. Gasket, Manifold
7. Gasket, Elbow
8. Outlet, Exhaust - Left
9. Connector, Outlet "Y"
10. Tube, Exhaust - Right
11. Tube, Exhaust - Left

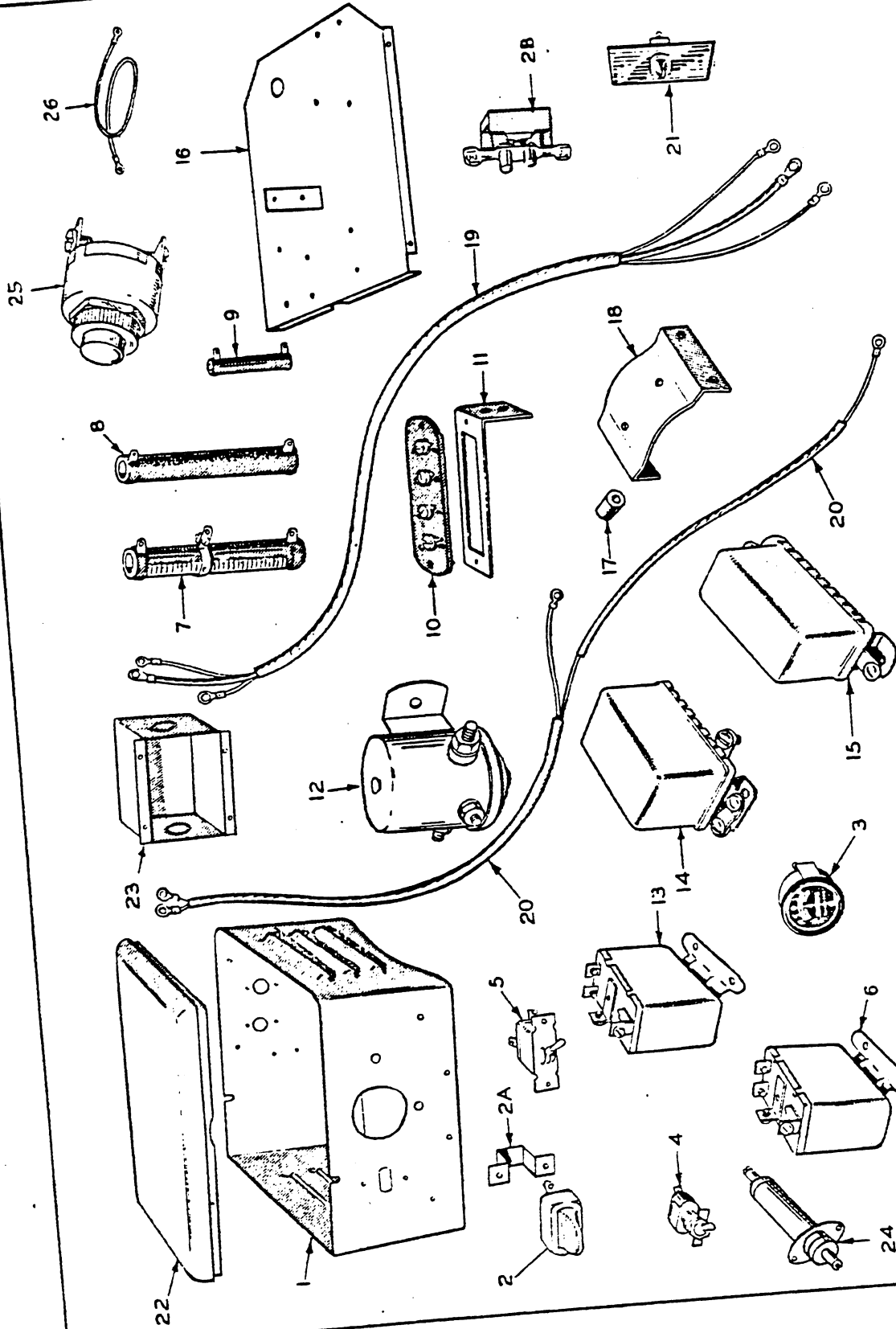


BATTERY CHARGE GENERATOR GROUP

BATTERY CHARGE GENERATOR GROUP
(Refer to Engine Section for Part Numbers)

1. Bracket, Mounting
2. Strap, Adjusting
3. Guard, Belt
4. Belt
5. Generator Assembly
6. Bar, Adjusting
7. Bracket, Mounting
8. Clamp
9. Cradle

ILLUSTRATIONS



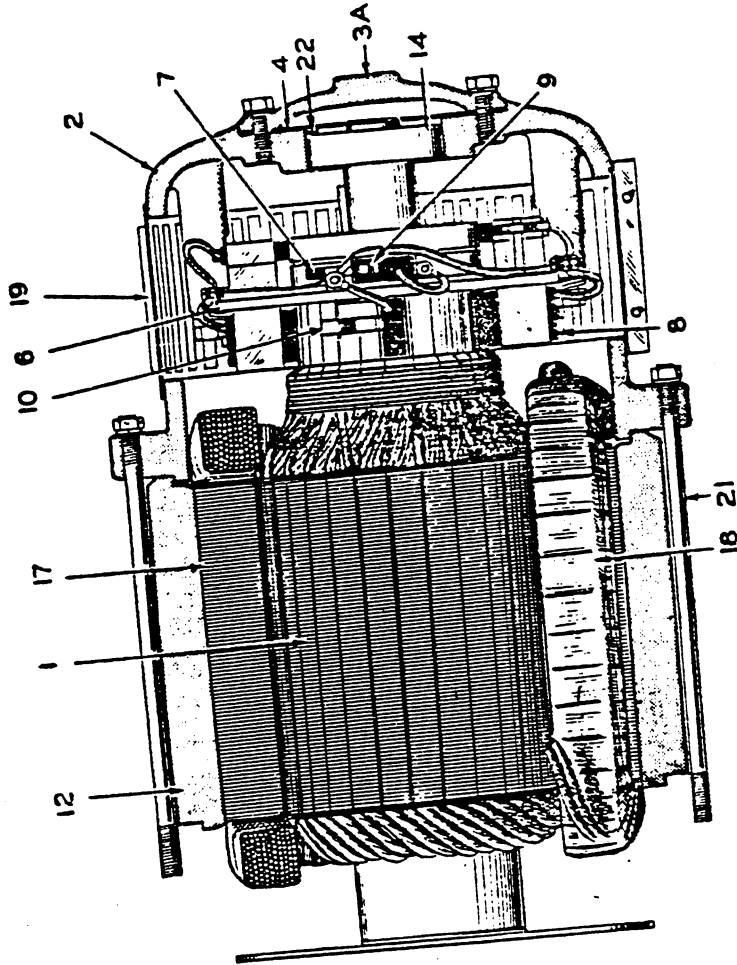
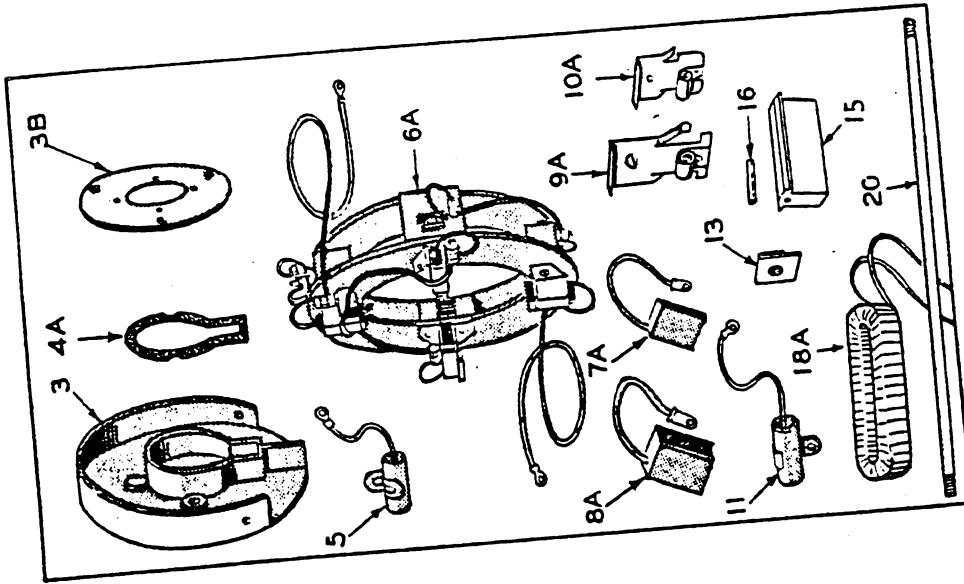
CONTROL PANEL GROUP

CONTROL PANEL GROUP

(Refer to Control Section for Part Numbers)

- | | |
|----------------------------|--|
| 1. Box, Control | 13. Relay, Start-Disconnect |
| 2. Switch, Start-Stop | 14. Relay, Stop |
| 2A. Bracket, Switch | 15. Relay, Charge |
| 2B. Switch, Start-Stop | 16. Panel, Control Box |
| 3. Ammeter, Charge | 17. Rubber, Box Mounting |
| 4. Switch, High-Low Charge | 18. Bracket, Box Mounting |
| 5. Switch, Manifold Heater | 19. Harness Assembly |
| 6. Relay, Starting Pilot | 20. Harness Assembly |
| 7. Resistor, Adjustable | 21. Switch Assembly, Remote Start-Stop |
| 8. Resistor, Fixed | 22. Cover, Control Box |
| 9. Resistor, Fixed | 23. Cover, Output Terminal |
| 10. Block, Terminal | 24. Condenser, Feed Thru |
| 11. Bracket, Block | 25. Button, Start |
| 12. Relay | 26. Lead |

ILLUSTRATIONS



GENERATOR GROUP

GENERATOR GROUP

(Refer to Generator Section for Part Numbers)

- | | |
|-------------------------------|-------------------------------|
| 1. Armature Assembly | 10. Spring, DC Brush |
| 2. Bell, End | 10A. Spring, DC Brush |
| 3. Cover, Bearing | 11. Condenser |
| 3A. Cover, Bearing | 12. Frame |
| 3B. Plate and Gasket, Bearing | 13. Clip, Retaining |
| 4. Gasket, Cover | 14. Bearing, Ball |
| 4A. Gasket, Cover | 15. Shoe, Interpole |
| 5. Condenser | 16. Pin |
| 6. Rig Assembly, Brush | 17. Shoe, Field Pole |
| 6A. Rig Assembly, Brush | 18. Coil Assembly, Field |
| 7. Brush, AC | 18A. Coil Assembly, Interpole |
| 7A. Brush, AC | 19. Band, End Bell |
| 8. Brush, DC | 20. Stud, Armature Thru |
| 8A. Brush, DC | 21. Stud, Generator Thru |
| 9. Spring, AC Brush | 22. Clip, Bearing Stop |
| 9A. Spring, AC Brush | |

MODEL INDEX SECTION

DRP ENGINE GENERATORS
DRP INDUSTRIAL ENGINES

CONTAINS THE FOLLOWING-

Index for DRP Engine Generators and Industrial Engines.

ALL DIAGONAL LINES(/) DASHES (-) APPEARING IN THE MODEL DESIGNATION MUST BE IGNORED IN THIS INDEX SECTION.

(Typical Model 5DRP-232R/1G with dashes, and diagonal lines removed: 5DRP232R1G).

Explanation of listing Sequence:

Models are listed in alphabetical order. Whenever the alphabetical order is disturbed by the appearance of a number, the number shall become the prime factor (numerically). When the numbers have been exhausted by the appearance of a letter the same alphabetical sequence will again result until the next number is apparent.

Follow the steps, in table, in proper order.

EXHAUST IN THIS ORDER							
1st Step	2nd Step	3rd Step	4th Step	5th Step	6th Step	7th Step	8th Step
D	R	P	M	S	1	H	
D	R	P	M	S	313	H	
5	D	R	P	2	R	1	B
5	D	R	P	3	R	163	H
5	D	R	P	5	R	1	E
5	D	R	P	51	R	1	G
5	D	R	P	115	E	1	J
5	D	R	P	210	E	23	H
5	D	R	P	232	R	1	G

MODEL INDEX SECTION

DRP INDUSTRIAL ENGINE
DRP ENGINE GENERATOR

2

PLANT MODEL	PLANT SERIES	REFER TO MODEL DATA PAGE NO.	PLANT MODEL	PLANT SERIES	REFER TO MODEL DATA PAGE NO.
DRP-MF/352H	DRP	28	5DRP-1R/963H	DRP	33
DRP-MF/352K	DRP	47	5DRP-1R/1309L	DRP	48
DRP-MF/352L	DRP	47	5DRP-2R/1A	DRP	33
DRP-MF/461L	DRP	47	5DRP-2R/1B	DRP	34
DRP-MF/467L	DRP	47	5DRP-2R/1D	DRP	34
DRP-MS/1H	DRP	28	5DRP-2R/1E	DRP	34
DRP-MS/1K	DRP	45	5DRP-2R/1F	DRP	34
DRP-MS/1L	DRP	47	5DRP-2R/1G	DRP	34
DRP-MS/28D	DRP	28	5DRP-2R/1H	DRP	34
DRP-MS/253G	DRP	28	5DRP-2R/1K	DRP	45
DRP-MS/253H	DRP	28	5DRP-2R/1L	DRP	49
DRP-MS/270G	DRP	28	5DRP-3E/716H	DRP	34
DRP-MS/281H	DRP	28	5DRP-3R/1A	DRP	34
DRP-MS/281L	DRP	47	5DRP-3R/1B	DRP	34
DRP-MS/307H	DRP	28	5DRP-3R/1C	DRP	35
DRP-MS/308H	DRP	29	5DRP-3R/1D	DRP	35
DRP-MS/308L	DRP	48	5DRP-3R/1E	DRP	35
DRP-MS/313H	DRP	29	5DRP-3R/1F	DRP	35
DRP-MS/313L	DRP	48	5DRP-3R/1G	DRP	35
DRP-MS/336H	DRP	29	5DRP-3R/1H	DRP	35
DRP-MS/485L	DRP	48	5DRP-3R/1K	DRP	45
DRP-S/300H	DRP	29	5DRP-3R/1L	DRP	49
3DRP-2R/1F	DRP	30	5DRP-3R/23H	DRP	35
3DRP-2R/128D	DRP	30	5DRP-3R/38G	DRP	35
3DRP-2R/340F	DRP	30	5DRP-3R/38H	DRP	35
5DRP-1E/716H	DRP	30	5DRP-3R/110E	DRP	36
5DRP-1E/894H	DRP	31	5DRP-3R/110H	DRP	36
5DRP-1E/902H	DRP	31	5DRP-3R/151H	DRP	36
5DRP-1E/1098K	DRP	31	5DRP-3R/152D	DRP	36
5DRP-1E/1209L	DRP	48	5DRP-3R/152E	DRP	36
5DRP-1R/1A	DRP	31	5DRP-3R/163H	DRP	36
5DRP-1R/1B	DRP	31	5DRP-3R/382K	DRP	49
5DRP-1R/1C	DRP	31	5DRP-3R/382L	DRP	49
5DRP-1R/1D	DRP	31	5DRP-3R/543G	DRP	37
5DRP-1R/1E	DRP	32	5DRP-3R/1112K	DRP	49
5DRP-1R/1F	DRP	32	5DRP-3R/1112L	DRP	49
5DRP-1R/1G	DRP	45	5DRP-4E/450G	DRP	36
5DRP-1R/1H	DRP	32	5DRP-4R/1B	DRP	37
5DRP-1R/1K	DRP	45	5DRP-4R/1D	DRP	37
5DRP-1R/1L	DRP	48	5DRP-4R/1E	DRP	37
5DRP-1R/23D	DRP	32	5DRP-4R/1F	DRP	37
5DRP-1R/23H	DRP	32	5DRP-4R/1G	DRP	37
5DRP-1R/38G	DRP	32	5DRP-4R/1H	DRP	37
5DRP-1R/38H	DRP	32	5DRP-4R/1K	DRP	45
5DRP-1R/85H	DRP	32	5DRP-4R/1L	DRP	49
5DRP-1R/163E	DRP	33	5DRP-4R/23H	DRP	37
5DRP-1R/543G	DRP	33	5DRP-4R/588H	DRP	38
5DRP-1R/617H	DRP	33	5DRP-5R/1B	DRP	38
5DRP-1R/656H	DRP	33	5DRP-5R/1D	DRP	38
5DRP-1R/962H	DRP	33	5DRP-5R/1E	DRP	38

MODEL INDEX SECTION

DRP INDUSTRIAL ENGINE
DRP ENGINE GENERATOR

PLANT MODEL	PLANT SERIES	REFER TO MODEL DATA PAGE NO.	PLANT MODEL	PLANT SERIES	REFER TO MODEL DATA PAGE NO.
5DRP-5R/1F	DRP	38	5DRP-55R/1F	DRP	42
5DRP-5R/1G	DRP	38	5DRP-55R/1G	DRP	42
5DRP-5R/1H	DRP	38	5DRP-55R/1H	DRP	43
5DRP-5R/1K	DRP	46	5DRP-55R/1K	DRP	46
5DRP-5R/1L	DRP	49	5DRP-55R/1L	DRP	50
5DRP-5R/110E	DRP	38	5DRP-57R/1E	DRP	43
5DRP-6R/1E	DRP	38	5DRP-57R/1F	DRP	43
5DRP-6R/1K	DRP	49	5DRP-57R/1G	DRP	43
5DRP-6R/1L	DRP	50	5DRP-57R/1H	DRP	43
5DRP-6R/268F	DRP	39	5DRP-57R/1K	DRP	46
5DRP-51R/1B	DRP	39	5DRP-57R/1L	DRP	50
5DRP-51R/1D	DRP	39	5DRP-58R/1G	DRP	43
5DRP-51R/1E	DRP	39	5DRP-99E/268E	DRP	43
5DRP-51R/1F	DRP	39	5DRP-115E/1J	DRP	46
5DRP-51R/1G	DRP	39	5DRP-115E/1K	DRP	46
5DRP-51R/1H	DRP	40	5DRP-115R/1K	DRP	51
5DRP-51R/1K	DRP	46	5DRP-115R/1L	DRP	51
5DRP-51R/1L	DRP	50	5DRP-123E/1E	DRP	44
5DRP-51R/656K	DRP	50	5DRP-123R/1J	DRP	44
5DRP-51R/863H	DRP	40	5DRP-123R/1K	DRP	46
5DRP-52R/1B	DRP	40	5DRP-123R/1L	DRP	51
5DRP-52R/1C	DRP	40	5DRP-210E/1H	DRP	44
5DRP-52R/1D	DRP	40	5DRP-210E/1K	DRP	46
5DRP-52R/1E	DRP	40	5DRP-210E/1L	DRP	51
5DRP-52R/1F	DRP	40	5DRP-210E/23H	DRP	44
5DRP-52R/1G	DRP	40	5DRP-210E/23L	DRP	51
5DRP-52R/1H	DRP	40	5DRP-210E/159H	DRP	44
5DRP-52R/1K	DRP	45	5DRP-232E/1F	DRP	44
5DRP-52R/1L	DRP	50	5DRP-232R/1D	DRP	44
5DRP-52R/163K	DRP	50	5DRP-232R/1F	DRP	44
5DRP-53R/1B	DRP	41	5DRP-232R/1G	DRP	45
5DRP-53R/1C	DRP	41	5DRP-232R/159G	DRP	45
5DRP-53R/1D	DRP	41			
5DRP-53R/1E	DRP	41			
5DRP-53R/1F	DRP	41			
5DRP-53R/1G	DRP	41			
5DRP-53R/1H	DRP	41			
5DRP-53R/1K	DRP	46			
5DRP-53R/1L	DRP	50			
5DRP-54R/1B	DRP	41			
5DRP-54R/1D	DRP	41			
5DRP-54R/1E	DRP	42			
5DRP-54R/1F	DRP	42			
5DRP-54R/1G	DRP	42			
5DRP-54R/1H	DRP	42			
5DRP-54R/1K	DRP	46			
5DRP-54R/1L	DRP	50			
5DRP-55R/1B	DRP	42			
5DRP-55R/1D	DRP	42			
5DRP-55R/1E	DRP	42			

MODEL DATA SECTION

27

DRP ENGINE GENERATORS
DRP INDUSTRIAL ENGINES

CONTAINS THE FOLLOWING-

DATA FOR DRP ENGINE GENERATORS.
DATA FOR DRP INDUSTRIAL ENGINES.

PARTS LISTED UNDER EACH MODEL IN THIS SECTION, HEADED ENGINE, CONTROL, GENERATOR, ETC., ARE SPECIAL PARTS FOR THIS MODEL ONLY AND SHOULD BE USED IN LIEU OF STANDARD PARTS. OTHER PARTS ARE STANDARD AND SHOULD BE SELECTED FROM THE APPROPRIATE ENGINE, CONTROL OR GENERATOR SECTIONS. PARTS LISTED IN THIS SECTION WITH AN ASTERISK (*) PRECEEDING THE PART NUMBER HAVE ALSO BEEN LISTED IN THE ACCESSORY SECTION WITH ALL COMPONENT PARTS.

SPECIAL NOTE: Industrial Engine Models have a (★) after the heading of Engine. This symbol is explained at the bottom of all pages affected, as:

★ - Standard Industrial Engine Parts have been listed
in the Engine Section with special symbols.

▲ - Use on Industrial Engines only.

† - Use also on Industrial Engines.

MODEL DATA SECTION

DRP INDUSTRIAL ENGINE

DRP-MF/352H

Control
W.D. 625B121

INDUSTRIAL ENGINE

Engine - - ★
515-90 Stub Shaft Key
520A543 Stub Shaft Stud

190C180
190D174

Clutch Adapter
Clutch Assembly

DRP-MS/1H

Control
W.D. 625B121

INDUSTRIAL ENGINE

Engine - - ★

DRP-MS/28D

REFER TO FACTORY ALONG WITH DESCRIPTION OF PART AND COMPLETE MODEL
AND SERIAL NUMBER OF UNIT.

DRP-MS/253G

Control
W.D. 625A79

INDUSTRIAL ENGINE

Engine
Refer to factory along with description of part and
complete model and serial number of unit.

DRP-MS/253H

Control
W.D. 625A79

INDUSTRIAL ENGINE

Engine
Refer to factory along with description of part and
complete model and serial number of unit.

DRP-MS/270G

REFER TO FACTORY ALONG WITH DESCRIPTION OF PART AND COMPLETE MODEL
AND SERIAL NUMBER OF UNIT.

DRP-MS/281H

Control
W.D. 625A79

INDUSTRIAL ENGINE

Engine
Refer to factory along with description of part and
complete model and serial number of unit.

DRP-MS/307H

REFER TO FACTORY ALONG WITH DESCRIPTION OF PART AND COMPLETE MODEL
AND SERIAL NUMBER OF UNIT.

- ★ - Standard Industrial Engine Parts have been listed in the Engine Section with Special Symbols:
 ▲ - Used on Industrial Engine only.
 † = Use also on Industrial Engines.

MODEL DATA SECTION

• DRP INDUSTRIAL ENGINE

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DRP-MS/308H

INDUSTRIAL ENGINE

REFER TO FACTORY ALONG WITH DESCRIPTION OF PART AND COMPLETE MODEL
AND SERIAL NUMBER OF UNIT.

• • •

DRP-MS/313H

INDUSTRIAL ENGINE

Control
W.D. 622B29

Engine - - ★
R. T. F. Air Cleaner
 and Adapters

336A529

Heater Ground
Lead

336A416

Heater Ground
Lead

• • •

DRP-MS/336H

INDUSTRIAL ENGINE

Control
W.D. 622B29

Engine - - ★
190D174 Onan Rockford
 Clutch
190C180 Clutch Adapter
190B176 Stub Shaft

515-90

Stub Shaft Key

336A529

Heater Ground
Lead

336A416

Heater Ground
Lead

• • •

DRP-S/300H

INDUSTRIAL ENGINE

Engine - - ★
R. T. F. Stub Shaft
No Charge Generator

No Starter
No Governor Solenoid
No Flywheel

101C248

Flywheel Housing
(Mounts Fuel
Filters and Oil
Filter)

101A154

Starter Hole Cover.

R. T. F. = Refer To Factory. Include Model and Serial Number of Unit.

★ = Standard Industrial Engine Parts have been listed in the Engine Section with Special Symbols:

▲ = Used on Industrial Engine only.

† = Use also on Industrial Engines.

MODEL DATA SECTION

DRP ENGINE GENERATOR

3DRP-2R/1F

3000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Generator
3DRP2N1BControl
W.D. 611B79Engine
Spec F-G—R3DRP-2R/128D

3000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Generator
3DRP2N1A
232C391Generator Sup-
portControl
W.D. 625D12

Engine

Spec A-E—R
415C42Underground Fuel
Tank (220 gal.)504-21 Fuel Tank Shut-
off Valve (2)501A7 Flex Fuel Line
- 24" (4)415-60 Copper Fuel
Line - Solid
2 - (1/4" O.D.
x 50 feet)

149-256

333-1

416-86

155A216

134-265

134-266

309-24

416A128

140-217

416A110

402A51

104B147

Fuel Transfer
Pump (110 V.) 2

Immersion Oil

Heater (2)

Battery - 12 V. (2)

Exhaust Tube (2)

Fan Motor (2)

Louvers (2)

Thermostat (2)

60°-100°

Battery Cables (2)

28" W/13/32" hole

Air Filter (2)

Battery Cables (2)

28" W/15/32" hole

Plants Mounting

Assembly (8)

Flywheel & Ring

Gear Assembly

150A296

123A297

134A268

134A269

309-26

309B27

306A75

306A85

338A70

150A289

Governor Cover
Oil Indicator Assy.

Cylinder Shroud -

R. H. Upper

Cylinder Shroud -

L. H. Upper

Over Temperature

Shut-off Switch

Oil Pressure

Switch

Compression Re-

lease Lever

Decompression

Assembly

Harness Assembly

(40" Leads

Marked 1 and 2)

Governor Spring

3DRP-2R/340F

3000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Generator

3DRP2N1B

232C391 Generator Sup-
portControl
W.D. 625D12

Engine

Spec F-G—R

104B187 Flywheel & Ring
Gear Assy.

309-26

416-86

333-1

309-27

149-256

309-24

Over Tempera-
ture Shutoff Switch

Battery - 12 V. (2)

Immersion Oil

Heater (2)

Oil Pressure Switch

Fuel Transfer

Pump (2)

Thermostat (2)

60°-100°

134-265

134-266

416A128

416A110

416A110

402A51

Fan Motor (2)

Louvers (2)

Battery Cables (2)

28" with 13/32"

Hole

Battery Cables (2)

28" with 15/32"

Hole

Plants Mounting

Assembly (8)

5DRP-1E/716H

5000 WATT, 115 VOLT, 60 CYCLE, AC ELECTRIC START

Generator
5DRP/46Control
W.D. 606B55

Engine

Spec H—E

140P375

140P376

140P378

503B82

503-103

503-269

403A367

Air Cleaner

Pre Cleaner

Air Cleaner Mount-

ing Brackets (2)

Hose - 7 Foot

Hose - 3 Foot

Hose Clamp (4)

Mounting Strap (2)

402A77

140B243

147A53

150A386

Vibration Mounts

Air Cleaner Ad-

apter - L. H.

Injection Pump

Control Rod

Governor Link-

age Assembly

MODEL DATA SECTION

DRP ENGINE GENERATOR

31

5DRP-1E/894H

5000 WATT, 115 VOLT, 60 CYCLE, AC ELECTRIC START

Generator		Control		149K368	Priming Kit
5DRP/45		W.D. 606B63		102D325	Oil Base
312A79	AC Conden-			133C83	Oil Base Air
	sers (2)	Engine			Duct
312A78	DC Conden-	Spec H — E		134D605	Blower Housing
	sers (2)	149-372	Electric Fuel		
			Pump		

5DRP-1E/1098K

5000 WATT, 115 VOLT, 60 CYCLE, AC ELECTRIC START

Generator		Engine		134D605	Blower Housing
5DRP/45		Spec K-L — E		402A167	Mounting Assy. (4)
312A78	DC Conden-	149K368	Priming Kit	193P94	Oil Temperature
	sers (2)	149-653	Electric Fuel		Gauge
312A79	AC Conden-		Pump	193A95	Oil Temperature
	sers (2)	102B373	Oil Base		Gauge Bracket
		133C83	Oil Base Air	149A620	Fuel Pump Mount-
			Duct		ing Bracket
Control				149A655	Pump to Filter Line
W.D. 606B70					

5DRP-1E/902H

5000 WATT, 115 VOLT, 60 CYCLE, AC ELECTRIC START

Generator		Control		Engine	
5DRP/45		W.D. 606B63		Spec H — E	
312A78	DC Conden-			149-372	Electric Fuel
	sers (2)				Pump
312A79	AC Conden-			149A620	Fuel Pump Mount-
	sers (2)				ing Bracket

5DRP-1R/1A

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator		Control		Engine	
5DRP1N1A		W.D. 611B44		Spec A-E — R	

5DRP-1R/1B

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator		Control		Engine	
5DRP1N1A		W.D. 611B44		Spec A-E — R	

5DRP-1R/1C

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator		Control		Engine	
5DRP1N1B		W.D. 611B44		Spec A-E — R	

5DRP-1R/1D

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator		Control		Engine	
5DRP1N1C		W.D. 611B44		Spec A-E — R	

MODEL DATA SECTION

DRP ENGINE GENERATOR

32

5DRP-1R/1E

Generator
5DRP1N1C

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B44

Engine
Spec A-E — R

5DRP-1R/1F

Generator
5DRP1N1D

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B79

Engine
Spec F-G — R

5DRP-1R/1H

Generator
5DRP1N1D

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B104

Engine
Spec H — R

5DRP-1R/23D

Generator
5DRP/10

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B44

Engine
Spec A-E — R

5DRP-1R/23H

Generator
5DRP/46

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B104

Engine
Spec H — R

5DRP-1R/38G

Generator
5DRP1N1D

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B79
332-142 Ground Stud

Engine
Spec F-G — R

5DRP-1R/38H

Generator
5DRP1N1D

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B104
332-142 Ground Stud

Engine
Spec H — R

5DRP-1R/85H

Generator
5DRP/41

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B157

Engine
Spec H — R

312A79

AC Condensers (2)

312A73

DC Condensers

MODEL DATA SECTION

DRP ENGINE GENERATOR

33

5DRP-1R/163E

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP1N1C

Control
W.D. 611B44

Engine
Spec A-E — R
149K368 Priming Kit

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5DRP-1R/543G

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP1N1D

332-142 Ground Stud

155B386

Exhaust Tube -
Right

Control
W.D. 611B79

Engine
Spec F-G — R
155C368 Exhaust "Y" Con-
nector

155C387

Exhaust Tube -
Left

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5DRP-1R/617H

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP/35

W.D. 616C325 for Line
Transfer Model LT60-21/76A
(Connects directly to 115 V.
Line) Standby No. 1

Engine
Spec H — R
*123K454 Oil Level Re-
gulator Kit

Control
W.D. 611B125 for Plant
Controls
W.D. 625A81 for Dual
Standby Installation

W.D. 616C317 for Line Trans-
fer Model LT60-21/23A
(Line Side Connects to Load
Side of Model LT60-21/76A)
Standby No. 2

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5DRP-1R/656H

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP/52

Control
W.D. 611B104

Engine
Spec H — R

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5DRP-1R/962H

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP1N1D

Control
W.D. 611B193

Engine
Spec H — R

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5DRP-1R/963H

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP/45
312A79 AC Conden-
sers (2)
312A78 DC Conden-
sers (2)

Control
W.D. 611B211

Engine
Spec H — R

• • •

5DRP-2R/1A

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP2N1A

Control
W.D. 611B44

Engine
Spec A-E — R

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-2R/1B

Generator
5DRP2N1A

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B44

Engine
Spec A-E — R

5DRP-2R/1D

Generator
5DRP2N1C

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B44

Engine
Spec A-E — R

5DRP-2R/1E

Generator
5DRP2N1C

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B44

Engine
Spec A-E — R

5DRP-2R/1F

Generator
5DRP2N1D

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B79

Engine
Spec F-G — R

5DRP-2R/1G

Generator
5DRP2N1D

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B79

Engine
Spec F-G — R

5DRP-2R/1H

Generator
5DRP2N1D

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B104

Engine
Spec H — R

5DRP-3E/716H

Generator
5DRP/36

Control
W.D. 606B56

5000 WATT, 115/230 VOLT, 60 CYCLE, AC ELECTRIC START

Engine
Spec H — E
140P375 Air Cleaner
140P376 Pre Cleaner
140P378 Air Cleaner Mtg.
Bracket (2)

140B243

147A53

150A386

Air Cleaner Adap-
ter - Left Hand
Injection Pump
Control Rod
Governor Link-
age Assembly

5DRP-3R/1A

Generator
5DRP3N1A

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B42

Engine
Spec A-E — R

5DRP-3R/1B

Generator
5DRP3N1A

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B42

Engine
Spec A-E — R

MODEL DATA SECTION

DRP ENGINE GENERATOR

35

5DRP-3R/1C

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1B

Control
W.D. 611B42

Engine
Spec A-E—R

5DRP-3R/1D

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1C

Control
W.D. 611B42

Engine
Spec A-E—R

5DRP-3R/1E

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1C

Control
W.D. 611B42

Engine
Spec A-E—R

5DRP-3R/1F

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1D

Control
W.D. 611B80

Engine
Spec F-G—R

5DRP-3R/1G

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1D

Control
W.D. 611B80

Engine
Spec F-G—R

5DRP-3R/1H

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1E

Control
W.D. 611B105

Engine
Spec H—R

5DRP-3R/23H

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP/36

Control
W.D. 611B105

Engine
Spec H—R

5DRP-3R/38G

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1D

Control
W.D. 611B80
332-142 Ground Stud

Engine
Spec F-G—R

5DRP-3R/38H

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Generator
5DRP3N1E

Control
W.D. 611B104
332-142 Ground Stud

Engine
Spec H—R

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-3R/110E

Generator
5DRP/12

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611C70

Engine
Spec A-E — R

5DRP-3R/110H

Generator
5DRP/32

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611C122

Engine
Spec H — R

5DRP-3R/151H

Generator
5DRP3N1E

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B105

Engine
Spec H — R
403D196 Skid

5DRP-3R/152D

Generator
5DRP3N1C

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B42

Engine
Spec A-E — R
403D38 Skid
149K368 Priming Kit

5DRP-3R/152E

Generator
5DRP3N1C

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B42

Engine
Spec A-E — R
403D196 Skid
149K368 Priming Kit

5DRP-3R/163H

Generator
5DRP3N1E

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B105

Engine
Spec H — R
149K368 Priming Kit

5DRP-4E/450G

Generator
5DRP/25
312A20

Control
W.D. 606D40

Engine
Spec F-G — E

155-287 Muffler Bracket (2)
120B386 Oil Intake Cup
101D162 Flywheel Housing
155B254 Exhaust Tube -
155B255 Exhaust Tube -

Condensers (4)

5000 WATT, 120/208 VOLT, 60 CYCLE, 3 PHASE, AC ELECTRIC START

155A179

155A168

102D153

102D226

102B159

520A451

140B243

140B240

520A437

Exhaust Tube
Flexible Connector

Exhaust Tube

Flange (2)

Oil Base Adapter

Oil Base

Oil Base Gasket

Oil Base Studs (4)

Air Cleaner

Adapter - L. H.

Air Cleaner

Adapter - R. H.

Air Cleaner Studs (2)

123A482

120A243

120A267

122A74

147A53

150A386

Oil Indicator &
Cap

Oil Pump Cover
& Bushing

Cylinder Head
Drain Line -

Right Hand
Oil Filter Drain

Line
Injection Pump

Control Rod
Governor Link-

age Assembly

MODEL DATA SECTION

DRP ENGINE GENERATOR

37

5DRP-3R/543G

Generator
5DRP3N1D

Control
W.D. 611B80

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

332-142 Ground Stud

155C387

Exhaust Tube -
Left Hand
Exhaust "Y"
Connector

Engine
Spec F-G — R
155B386 Exhaust Tube -
Right Hand

155C366

5DRP-4R/1B

Generator
5DRP4N1A

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B45

Engine
Spec A-E — R

5DRP-4R/1D

Generator
5DRP4N1C

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B45

Engine
Spec A-E — R

5DRP-4R/1E

Generator
5DRP4N1C

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B45

Engine
Spec A-E — R

5DRP-4R/1F

Generator
5DRP4N1D

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G — R

5DRP-4R/1G

Generator
5DRP4N1D

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G — R

5DRP-4R/1H

Generator
5DRP4N1E

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec H — R

5DRP-4R/23H

Generator
5DRP/63

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec H — R

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-4R/588H

Generator
5DRP/31

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec H — R
193P80 Fuel Pressure
Gauge
412B16 Canvas Cover
R.T.F. Fuel Tank

5DRP-5R/1B

Generator
5DRP5N1A

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E — R

5DRP-5R/1D

Generator
5DRP5N1C

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E — R

5DRP-5R/1E

Generator
5DRP5N1C

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E — R

5DRP-5R/1F

Generator
5DRP5N1D

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B82

Engine
Spec F-G — R

5DRP-5R/1G

Generator
5DRP5N1D

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B82

Engine
Spec F-G — R

5DRP-5R/1H

Generator
5DRP5N1E

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B107

Engine
Spec H — R

5DRP-5R/110E

Generator
5DRP/13

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611C72

Engine
Spec A-E — R

5DRP-6R/1E

Generator
5DRP6N1C

5000 WATT, 460 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E — R

MODEL DATA SECTION

DRP ENGINE GENERATOR

39

5DRP-6R/268F

5000 WATT, 460 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Generator
5DRP/19

Control
W.D. 611C77

Engine

Spec F-G—R

123B334 Oil Level In-
dicator Assy.

159C295 Oil Reservoir
Tank Assembly

155-287 Muffler Bracket(2)

101D162 Flywheel Housing

102D153 Oil Base Adapter

102D152 Oil Base

102B159 Oil Base Gasket

140B243

Air Cleaner
Adapter - L. H.

140B240

Air Cleaner
Adapter - R. H.

150C338

Governor Mounting
Bracket

307A171

Governor Solenoid
& Lead Assy.

150A345

Throttle Stop
Lever Assembly

150A346

Stop Solenoid Link

155B254

Exhaust Tube
- Left Hand

155B255

Exhaust Tube
- Right Hand

155A179

Exhaust Tube Con-
nector - Flexible

155A168

Exhaust Tube
Flange (2)

520A437

Air Cleaner Adap-
ter Studs (2)

120B266

Oil Intake Cup

120A243

Oil Pump Cover
and Bushing

120A267

Cylinder Head
Drain Line-R. H.

122A74

Oil Filter Drain
Line

147A53

Injection Pump
Control Rod Assy.

150A386

Governor Link-
age Assembly

150C339

Governor Cover

134C309

Blower Housing
Grille

134D326

Blower Housing

Fuel Pump by Customer

309-38

Oil Pressure
Switch

5DRP-51R/1B

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP51N1A

Control
W.D. 611B44

Engine
Spec A-E—R

5DRP-51R/1D

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP51N1C

Control
W.D. 611B44

Engine
Spec A-E—R

5DRP-51R/1E

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP51N1C

Control
W.D. 611B44

Engine
Spec A-E—R

5DRP-51R/1F

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP51N1D

Control
W.D. 611B79

Engine
Spec F-G—R

5DRP-51R/1G

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP51N1D

Control
W.D. 611B79

Engine
Spec F-G—R

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-51R/1H

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP51N1DControl
W.D. 611B104Engine
Spec H — R5DRP-51R/863H

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP/51
312A79AC Condens-
ers (2)

312A78

DC Condens-
ers (2)Control
W.D. 611B179Engine
Spec H — R
149K368 Priming Kit5DRP-52R/1B

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1AControl
W.D. 611B44Engine
Spec A-E — R5DRP-52R/1C

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1BControl
W.D. 611B44Engine
Spec A-E — R5DRP-52R/1D

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1CControl
W.D. 611B44Engine
Spec A-E — R5DRP-52R/1E

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1CControl
W.D. 611B44Engine
Spec A-E — R5DRP-52R/1F

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1DControl
W.D. 611B79Engine
Spec F-G — R5DRP-52R/1G

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1DControl
W.D. 611B79Engine
Spec F-G — R5DRP-52R/1H

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

Generator
5DRP52N1DControl
W.D. 611B104Engine
Spec H — R

MODEL DATA SECTION

DRP ENGINE GENERATOR

41

<u>5DRP-53R/1B</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1A	Control W.D. 611B42	Engine Spec A-E—R
	• • •	
<u>5DRP-53R/1C</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1B	Control W.D. 611B42	Engine Spec A-E—R
	• • •	
<u>5DRP-53R/1D</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1C	Control W.D. 611B42	Engine Spec A-E—R
	• • •	
<u>5DRP-53R/1E</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1C	Control W.D. 611B42	Engine Spec A-E—R
	• • •	
<u>5DRP-53R/1F</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1D	Control W.D. 611B80	Engine Spec F-G—R
	• • •	
<u>5DRP-53R/1G</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1D	Control W.D. 611B80	Engine Spec F-G—R
	• • •	
<u>5DRP-53R/1H</u>	5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START	
Generator 5DRP53N1E	Control W.D. 611B105	Engine Spec H—R
	• • •	
<u>5DRP-54R/1B</u>	5000 WATT, 120/208 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START	
Generator 5DRP54N1A	Control W.D. 611B45	Engine Spec A-E—R
	• • •	
<u>5DRP-54R/1D</u>	5000 WATT, 120/208 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START	
Generator 5DRP54N1C	Control W.D. 611B45	Engine Spec A-E—R

MODEL DATA SECTION

DRP ENGINE GENERATOR

42

5DRP-54R/1E

Generator
5DRP54N1C

5000 WATT, 120/208 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B45

Engine
Spec A-E—R

5DRP-54R/1F

Generator
5DRP54N1D

5000 WATT, 120/208 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G—R

5DRP-54R/1G

Generator
5DRP54N1D

5000 WATT, 120/208 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G—R

5DRP-54R/1H

Generator
5DRP54N1E

5000 WATT, 120/208 VOLT, 50 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec H—R

5DRP-55R/1B

Generator
5DRP55N1A

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E—R

5DRP-55R/1D

Generator
5DRP55N1C

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E—R

5DRP-55R/1E

Generator
5DRP55N1C

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B46

Engine
Spec A-E—R

5DRP-55R/1F

Generator
5DRP55N1D

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B82

Engine
Spec F-G—R

5DRP-55R/1G

Generator
5DRP55N1D

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B82

Engine
Spec F-G—R

MODEL DATA SECTION

DRP ENGINE GENERATOR

43

5DRP-55R/1H

Generator
5DRP55N1E

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B107

Engine
Spec H—— R

5DRP-57R/1E

Generator
5DRP57N1C

5000 WATT, 220/380 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B45

Engine
Spec A-E—— R

5DRP-57R/1F

Generator
5DRP57N1D

5000 WATT, 220/380 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G —— R

5DRP-57R/1G

Generator
5DRP57N1D

5000 WATT, 220/380 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G —— R

5DRP-57R/1H

Generator
5DRP57N1E

5000 WATT, 220/380 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec H—— R

5DRP-58R/1G

Generator
5DRP58N1D

5000 WATT, 127/220 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B81

Engine
Spec F-G —— R

5DRP-99E/268E

Generator
5DRP/19

Control
W.D. 611C76

Engine
Spec A-E—— E
150C338 Governor Mount-
ing Bracket

4000 WATT, 220/440 VOLT, 3 PHASE, 60 CYCLE, AC ELECTRIC START

150A345

Throttle Stop
Lever Assy.

155A179

Exhaust Tube
Connector -
Flexible Tube

150A346

Stop Solenoid Link

155A168

Exhaust Tube
Flange (2)

134D326

Blower Housing

309B16

Oil Pressure
Switch

155B254

Exhaust Tube -
Left Hand

155B255

Exhaust Tube -
Right Hand

5DRP-115E/1J

Generator
5DRP115N1B

5000 WATT, 115 VOLT, DC ELECTRIC START (NON BATTERY CHARGING)

Control
W.D. 606B62

Engine
Spec J —— E

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-123E/1E

Generator
5DRP123N1A

5000 WATT, 230 VOLT, DC ELECTRIC START (NON BATTERY CHARGER)

Control
W.D. 606B29

Engine
Spec A-E — E

5DRP-123R/1J

Generator
5DRP123N1B

5000 WATT, 230 VOLT, DC REMOTE START (NON BATTERY CHARGER)

Control
W.D. 606B67

Engine
Spec J — R
309-38 Oil Pressure
Switch

5DRP-210E/1H

Generator
5DRP210N1B

5000 WATT, 110-140 VOLT, DC ELECTRIC START (BATTERY CHARGER)

Control
W.D. 606C64

Engine
Spec H — E

5DRP-210E/23H

Generator
5DRP/54

5000 WATT, 110-140 VOLT, DC ELECTRIC START (BATTERY CHARGER)

Control
W.D. 606C64

Engine
Spec H — E

5DRP-210E/159H

Generator
5DRP/43

5000 WATT, 110-165 VOLT, DC ELECTRIC START (BATTERY CHARGER)

Control
W.D. 606C53

Engine
Spec H — E

5DRP-232E/1F

Generator
5DRP232C1B

5000 WATT, 32 VOLT, DC ELECTRIC START (BATTERY CHARGER)

Control
W.D. 611B84

Engine
Spec F-G — E

5DRP-232R/1D

Generator
5DRP232C1A

5000 WATT, 32 VOLT, DC REMOTE START (BATTERY CHARGER)

Control
W.D. 611B58

Engine
Spec A-E — R

5DRP-232R/1F

Generator
5DRP232C1B

5000 WATT, 32 VOLT, DC REMOTE START (BATTERY CHARGER)

Control
W.D. 611B84
302-190 Running Time
Meter

Engine
Spec F-G — R

MODEL DATA SECTION

DRP ENGINE GENERATOR

45

<u>5DRP-232R/1G</u>	5000 WATT, 32 VOLT, DC REMOTE START (BATTERY CHARGER)
Generator 5DRP232C1B	Control W.D. 611B84 302-190 Running Time Meter Engine Spec F-G—R
<u>5DRP-232R/159G</u>	5000 WATT, 32 VOLT, DC REMOTE START (BATTERY CHARGER)
Generator 5DRP/26	Control W.D. 611B84 Engine Spec F-G—R
<u>5DRP-1R/1G</u>	5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START
Generator 5DRP1N1D	Control W.D. 611B79 Engine Spec F-G—R
<u>5DRP-52R/1K</u>	5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START
Generator 5DRP52N1D	Control W.D. 611B104 Engine Spec K-L—R
<u>DRP-MS/1K</u>	INDUSTRIAL ENGINE
Control W.D. 625B121	Engine - - ★
<u>5DRP-1R/1K</u>	5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START
Generator 5DRP1N1D	Control W.D. 611B104 Engine Spec K-L—R
<u>5DRP-2R/1K</u>	5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START
Generator 5DRP2N1D	Control W.D. 611B104 Engine Spec K-L—R
<u>5DRP-3R/1K</u>	5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START
Generator 5DRP3N1E	Control W.D. 611B105 Engine Spec K-L—R
<u>5DRP-4R/1K</u>	5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START
Generator 5DRP4N1E	Control W.D. 611B106 Engine Spec K-L—R

Engine Parts have been listed in the Engine Section with Special Symbols:

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-5R/1K

Generator
5DRP5N1E

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B107

Engine
Spec K-L — R

5DRP-51R/1K

Generator
5DRP51N1D

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

Control
W.D. 611B104

Engine
Spec K-L — R

5DRP-53R/1K

Generator
5DRP53N1E

5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START

Control
W.D. 611B105

Engine
Spec K-L — R

5DRP-54R/1K

Generator
5DRP54N1E

5000 WATT, 120/208 VOLT, 50 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec K-L — R

5DRP-55R/1K

Generator
5DRP55N1E

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B107

Engine
Spec K-L — R

5DRP-57R/1K

Generator
5DRP57N1E

5000 WATT, 220/380 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

Control
W.D. 611B106

Engine
Spec K-L — R

5DRP-115E/1K

Generator
5DRP115N1B

5000 WATT, 115 VOLT, DC ELECTRIC START (NON-BATTERY CHARGING)

Control
W.D. 606B62

Engine
Spec K-L — E

5DRP-123R/1K

Generator
5DRP123N1B

5000 WATT, 230 VOLT, DC REMOTE START (NON-BATTERY CHARGER)

Control
W.D. 606B67

Engine
Spec K-L — R
309-38 Oil Pressure
Switch

5DRP-210E/1K

Generator
5DRP210N1B

5000 WATT, 110-140 VOLT, DC ELECTRIC START (BATTERY CHARGER)

Control
W.D. 606C64

Engine
Spec K-L — E

MODEL DATA SECTION

DRP ENGINE GENERATOR

DRP-MF/352K

INDUSTRIAL ENGINE

Control W.D. 625B121	Engine - - ★ 515-90 520A543	Stub Shaft Key Stub Shaft Stud	190C180 190D174 516-80	Clutch Adapter Clutch Assy. Timing Pin
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DRP-MF/352L

INDUSTRIAL ENGINE

Control W.D. 625B121	Engine - - ★ 515-90 520A543	Stub Shaft Key Stub Shaft Stud	190C180 190D174 516-80	Clutch Adapter Clutch Assy. Timing Pin
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DRP-MF/461L

INDUSTRIAL ENGINE

Engine - - ★ 190D174 Clutch Assy. 190C180 Clutch Adapter 190B176 Stub Shaft No Starter No Charge Generator, Guard, etc.	101A154 134D212 134B204 520A327 516-80	Starter Mounting Hole Cover Blower Wheel Blower Housing Blower Wheel Stud Timing Pin	516-64 150C488 150A147 520A543	Flywheel Groove Pin Governor Sole- noid Cover Governor Spring Adjusting Stud Stub Shaft Stud
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DRP-MF/467L

INDUSTRIAL ENGINE

Engine - - ★ No Starter No Charge Generator, Guard, Etc. 101A154 Starter Mounting Hole Cover	134D212 134B204 520A327 190C180 516-80	Blower Wheel Blower Housing Blower Wheel Stud Clutch Adapter Timing Pin	516-64 150C488 150A147	Flywheel Groove Pin Governor Sole- noid Cover Governor Spring Adjusting Stud
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DRP-MS/1L

INDUSTRIAL ENGINE

Control W.D. 625B121	Engine - - ★ 516-80	Timing Spring	520A594	Lifting Bracket Stud (2)
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DRP-MS/281L

INDUSTRIAL ENGINE

Control W.D. 622A46	No Charging Generator Sheave 333K14 *140B166	Glow Plug Kit (2) Air Intake Heater Assembly (2) Governor Cover	134C212 134D204 332-50 336A529	Blower Wheel Blower Housing Wire Clip - Glow Plug Lead to Drain Line Heater Ground Lead
Engine - - ★ No Charging Generator No Charging Generator Guard	150C616			

- ★ - Standard Industrial Engine Parts have been listed in the Engine Section with Special Symbols:
 ▲ = Used on Industrial Engine only.
 † = Use also on Industrial Engines.
 * - See Accessory Section for component parts.

MODEL DATA SECTION

DRP ENGINE GENERATOR

DRP-ENG-GEN.
MD -21

DRP-MS/308L

INDUSTRIAL ENGINE

REFER TO FACTORY ALONG WITH DESCRIPTION OF PART AND COMPLETE
MODEL AND SERIAL NUMBER OF UNIT.

DRP-MS/313L

INDUSTRIAL ENGINE

Control		*140B166	Air Heater	336A727	Glow Plug to
W.D. 622B29			Assembly (2)		Heater Lead
		332-50	Glow Plug Lead	336A529	Heater Ground
			to Line Clip		Lead
Engine - - *		516-80	Timing Pin	336A446	Heater Ground
333K14	Glow Plug Kit	520A594	Lifting Bracket		Lead
			Stud (2)		

DRP-MS/485L

INDUSTRIAL ENGINE

Engine - - *		520A594	Lifting Bracket
516-80	Timing Pin		Stud (2)

5DRP-1E/1209L

5000 WATT, 115 VOLT, 60 CYCLE, AC ELECTRIC START

Generator		149K368	Priming Kit	133C83	Oil Base Air
5DRP/73		102B373	Oil Base		Duct
312A79	Cond. - AC	193A95	Oil Temperature	402A167	Mounting Assy. (4)
312A78	Cond. - DC		Gauge Bracket	149A682	Electric Fuel
		193P94	Oil Temperature		Pump
			Gauge	149A620	Fuel Pump Mtg.
Control		134D605	Blower Housing		Bracket
W.D. 606B71		312A29	Condenser - Fuel	149C655	Filter to Pump
			Pump		Line
Engine				338B62	Wire Harness
Spec K-L— E					Assembly

5DRP-1R/1L

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator	Control	Engine
5DRP1N2D	W.D. 611B247	Spec K-L— R

5DRP-1R/1309L

5000 WATT, 115 VOLT, 60 CYCLE, AC REMOTE START

Generator	Control	Engine
5DRP1N2D	W.D. 611B270	Spec K-L— R

- * - Standard Industrial Engine Parts have been listed in the Engine Section with Special Symbols:
- ▲ = Used on Industrial Engine only.
 - † = Use also on Industrial Engines.
 - * - See Accessory Section for component parts.

MODEL DATA SECTION

DRP ENGINE GENERATOR

49

5DRP-2R/1L

Generator
5DRP2N2D

5000 WATT, 230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B247

Engine
Spec K-L — R

5DRP-3R/1L

Generator
5DRP3N2E

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B250

Engine
Spec K-L — R

5DRP-3R/382K

Generator
5DRP3N1E

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611B80

Engine
Spec K-L — R

5DRP-3R/382L

Generator
5DRP3N2E

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE

Control
W.D. 611B250

Engine
Spec K-L — R

5DRP-3R/1112K

Generator
5DRP/66

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611C233

Engine
Spec K-L — R

5DRP-3R/1112L

Generator
5DRP/70

5000 WATT, 115/230 VOLT, 60 CYCLE, AC REMOTE START

Control
W.D. 611C249

Engine
Spec K-L — R

5DRP-4R/1L

Generator
5DRP4N2E

5000 WATT, 120/208 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B248

Engine
Spec K-L — R

5DRP-5R/1L

Generator
5DRP5N2E

5000 WATT, 230 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B251

Engine
Spec K-L — R

5DRP-6R/1K

Generator
5DRP6N1E

5000 WATT, 460 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

Control
W.D. 611B107

Engine
Spec K-L — R

(4)

MODEL DATA SECTION

DRP ENGINE GENERATOR

5DRP-6R/1L

Generator
5DRP6N2E

Control
W.D. 611B251

Engine
Spec K-L — R

5000 WATT, 460 VOLT, 3 PHASE, 60 CYCLE, AC REMOTE START

5DRP-51R/1L

Generator
5DRP51N2D

Control
W.D. 611B247

Engine
Spec K-L — R

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

5DRP-51R/656K

Generator
5DRP/67

Control
W.D. 611B104

Engine
Spec K-L — R

5000 WATT, 115 VOLT, 50 CYCLE, AC REMOTE START

5DRP-52R/1L

Generator
5DRP52N2D

Control
W.D. 611B247

Engine
Spec K-L — R

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

5DRP-52R/163K

Generator
5DRP52N1D

Control
W.D. 611B104

Engine
Spec K-L — R
149K368 Priming Kit

5000 WATT, 230 VOLT, 50 CYCLE, AC REMOTE START

5DRP-53R/1L

Generator
5DRP53N2E

Control
W.D. 611B250

Engine
Spec K-L — R

5000 WATT, 115/230 VOLT, 50 CYCLE, AC REMOTE START

5DRP-54R/1L

Generator
5DRP54N2E

Control
W.D. 611B248

Engine
Spec K-L — R

5000 WATT, 120/208 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

5DRP-55R/1L

Generator
5DRP55N2E

Control
W.D. 611B251

Engine
Spec K-L — R

5000 WATT, 230 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

5DRP-57R/1L

Generator

Control

Engine

5000 WATT, 220/380 VOLT, 3 PHASE, 50 CYCLE, AC REMOTE START

MODEL DATA SECTION

DRP ENGINE GENERATOR

51

5DRP-115R/1K

Generator
5DRP115N1B

5000 WATT, 115 VOLT, DC REMOTE START (NON-BATTERY CHARGING)

Control
W.D. 606B67

Engine
Spec K-L — R

5DRP-115R/1L

Generator
5DRP115N1B

5000 WATT, 115 VOLT, DC REMOTE START (NON-BATTERY CHARGING)

Control
W.D. 606B67

Engine
Spec K-L — R

5DRP-123R/1L

Generator
5DRP123N1B

5000 WATT, 230 VOLT, DC REMOTE START (NON-BATTERY CHARGING)

Control
W.D. 606B67

Engine
Spec K-L — R
309-38 Oil Pressure
Switch

5DRP-210E/1L

Generator
5DRP210N1B

5000 WATT, 110-140 VOLT, DC ELECTRIC START (BATTERY CHARGING)

Control
W.D. 606C64

Engine
Spec K-L — E

5DRP-210E/23L

Generator
5DRP/54

5000 WATT, 110-140 VOLT, DC ELECTRIC START (BATTERY CHARGING)

Control
W.D. 606C64

Engine
Spec K-L — E

MODEL DATA SECTION

DRP ENGINE GENERATOR

GENERATOR SECTION

DRP ENGINE GENERATORS

53

CONTAINS THE FOLLOWING-

GENERATOR MODELS FOR DRP ENGINE GENERATORS.

GENERATOR MODELS ARE LISTED BY NUMBER, LETTER SEQUENCE. PARTS ARE LISTED IN COLUMNS ACROSS THE PAGE FROM EACH MODEL. REFERENCE MARKS APPEARING WITH ANY COLUMN, MODEL OR PART SHOULD BE CHECKED AGAINST THE CORRESPONDING FOOTNOTES. ANY PART REQUIRED BUT NOT LISTED HERE SHOULD BE REFERRED TO THE FACTORY ALONG WITH THE MODEL AND SERIAL NUMBER OF THE UNIT.

SPECIAL NOTE!

Pages 54/55 and 56/57 have identical models listed but with different column headings. Pages 55 and 57 are actually continuations of pages 54 and 56.

GENERATOR SECTION

DRP ENGINE GENERATORS

55

GENERATOR DATA NO.	ARMATURE ASSY NO.	ARMATURE BEARING NO.	BEARING COVER NO.	COVER GASKET NO.	BEARING PLATE & GASKET NO.	AC BRUSH SPRING NO.	DC BRUSH SPRING NO.	ARMATURE THRU STUD NO.	GENERATOR THRU STUD NO.	BEARING STOP CLIP NO.
3DRP2N1A	201A401	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1003	520A387	520A286	None
3DRP2N1B	201A401	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1003	None	520A386	232A316
5DRP1N1A	201A363	510A47	232B518	232A1	None	+ 212A1004	+ 212A1011	520A318	520A317	232A316
5DRP1N1B	201A378	510A47	232B518	232A1	None	+ 212A1004	+ 212A1011	520A387	520A386	None
5DRP1N1C	201A382	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP1N1D	201A448	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP1N1E	201A448	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	520A318	520A317	232A316
5DRP2N1C	201A364	510A47	232B518	232A1	None	+ 212A1004	+ 212A1011	520A387	520A386	232A615
5DRP2N1D	201A383	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP2N1E	201A450	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP3N1A	201A450	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	520A111	520A374	232A316
5DRP3N1B	201A378	510A47	232B518	232A1	None	+ 212A1004	+ 212A1011	520A111	520A374	232A316
5DRP3N1C	201A384	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1011	520A387	520A386	232A615
5DRP3N1D	201A449	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP3N1E	201A449	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP3N2E	201A449	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP4N1A	201A385	510A47	232B443	232A444	232A459	+ 212A1004	+ 212A1011	520A387	520A386	232A615
5DRP4N1C	201A615	510A52	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP4N1D	201A615	510A52	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP4N1E	201A615	510A52	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP4N2E	201A615	510A52	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N1A	201A385	510A47	232B443	232A444	232A459	+ 212A1004	+ 212A1011	520A387	520A386	232A615
5DRP5N1C	201A385	510A47	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N1D	201A455	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N1E	201A455	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N2E	201A455	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP6N1C	201A416	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP6N1D	201A456	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP6N1E	201A456	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP6N2E	201A456	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP710	5DRP/10	510-42	232A474	232A444	232A459	+ 212A1004	+ 212A1011	520A387	520A386	None
5DRP712	5DRP/12	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1011	520A387	520A386	None
5DRP713	5DRP/13	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1011	None	520A386	None
5DRP718	(R)201A438	510A52	232A601	None	None	+ 212A1105	+ 212A1105	None	None	232A615
5DRP725	(R)SDRP/25	510A52	232A601	232A57	None	+ 212A1105	+ 212A1105	None	520A386	232A615
5DRP726	5DRP/26	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP731	5DRP/31	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP732	5DRP/32	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP733	5DRP/33	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP735	5DRP/35	510A52	5232B225	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP736	5DRP/36	510P62	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP743	5DRP/43	510-42	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP745	5DRP/45	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP746	5DRP/46	510P62	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP748	5DRP/48	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP751	201A451	510A52	232B55	232A57	None	+ 212A1123	+ 212A1123	None	520A386	232A615
5DRP5N1A	201A386	510A47	232B518	232A1	None	+ 212A1004	+ 212A1011	520A318	520A317	232A316
5DRP5N1C	201A387	510-42	232B443	232A444	232A459	+ 212A1004	+ 212A1011	520A387	520A386	232A615
5DRP5N1D	201A451	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N1E	201A451	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N2D	201A448	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615
5DRP5N2E	201A448	510A52	232B55	232A57	None	+ 212A1004	+ 212A1011	None	520A386	232A615

NOTE: 1. Whenever a Generator Data Number is listed in place of a part number, refer order to factory along with a description of the part and the complete Model and Serial Number of the Unit.
2. For Explanation of Symbols see the last page of this section.

NOTE: 1. Whenever a Generator Data Number is listed in place of a product number, the product number and Serial Number of the Unit.
2. For Explanation of Symbols see the last page of this section.

For Explanation of Symbols see the last page of this section.

CONTROL SECTION

DRP ENGINE GENERATORS
DRP INDUSTRIAL ENGINES

CONTAINS THE FOLLOWING-

CONTROL PARTS FOR DRP ENGINE GENERATORS.
CONTROL PARTS FOR DRP INDUSTRIAL ENGINES.

ALL W.D. (WIRING DIAGRAMS) LISTED UNDER THE HEADING OF
CONTROL IN THE MODEL DATA SECTION CAN BE LOCATED IN
NUMERICAL ORDER IN THE CONTROL SECTION. ALL MAJOR PARTS
HAVE BEEN LISTED. WIRING DIAGRAMS SHOWING THE LOCATION OF
EACH PART WILL BE SENT TO CUSTOMERS REQUESTING ONE BY W.D.
NUMBER.

THE CONTROLS COVERED IN THIS SECTION ARE ENGINE CONTROLS
ONLY AND ARE NOT TO BE CONFUSED WITH THE SEPARATE AUTO-
MATIC CONTROLS USED WITH SOME UNITS.

CONTROL SECTION

DRP ENGINE GENERATOR

59

WIRING DIAGRAMS

606B29

301C633	Control Box
301C634	Control Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
308-37	Manifold Heater Switch
308-26	Start Switch
302A58	Charge Ammeter
307B40	Manifold Heater Relay
307B52	Start-Disconnect Relay
307B81	Starting Pilot Relay
304-58	Adjustable Resistor - 50 Ohm (115 Volt Models)
304-23	Adjustable Resistor - 100 Ohm (230 Volt Models)

606D40

Refer to Factory for Control Panel and Control Box

301B838	Phase Switch Mounting Plate
308B78	Phase Selector Switch
301B839	Control Box Terminal Mounting Bracket
406-147	Panel Fastening Oval Head Stud (4)
406-148	Panel Fastening Wing Head Stud (2)
406P149	Panel Fastening Studs
406P150	Receptacles (6)
302B77	Panel Fastening Studs
307B202	Receptacle Locking Rings (6)
304A202	Current Transformers (3)
307A207	Contactors
304A252	Resistor - .4 Ohm - Adjustable
305C81	Time Delay Relay
305P80	Resistor - 1 Ohm - Fixed
312A22	Voltage Regulator Base Assy.
312A80	Voltage Regulator Plug in Unit
332A406	Condenser (2) .1 Mfd. - Voltage Regulator
212A1109	Condenser - .1 Mfd. - Voltage Regulator
332A364	Terminal Block (Marked A1, AF, F1)
332A367	Jumper Wire (3) On Phase Selector Switch
332B402	Terminal Block (6 Place)
332P389	Terminal Block Marker Strip (Marked TO1, T1, TO2, T2, TO3, T3)
312A22	Terminal Block (4 Place)
	Terminal (4) For 4 Place Block
	Condenser (3) For 4 Place Block

WIRING DIAGRAMS

606D40 (Continued)

303-5
303-32
212A1038
303-66
308-68
308A79
308P63
323-95
323-94
312A22
308-69
322P37
322-38
304-249
308A29
308P37
302-40
302P258
302P230
302B212
304-46
308P7
304A120
302A58
307B31
307B40

606C53

301C633
301C634
301B621
301A632
402-78
307B81
307B40
307B52
308-26
302A58
308P37
301C471
301C408
307B26
302A62
321-2
321-5
303-11
304-131

Rheostat
Rheostat Knob
Rheostat Jumper Wire
Voltage Regulator Rheostat
Voltage Regulator Switch
Ammeter Selector Switch
Main Switch
Receptacle (3 Prong)
Receptacle (2 Prong)
Receptacle Condensers (2)
Pilot Light Switch
Pilot Light Socket
Neon Pilot Lamp
Resistor - Pilot Light
Start Switch
Manifold Heater Switch
AC Voltmeter
AC Ammeter
Frequency Meter
Running Time Meter
Resistor - 10 Ohm - Fixed
High-Low Charge Rate Switch
Resistor - 2 Ohm - Charge Rate Switch
Charge Ammeter
Charge Control Relay
Manifold Heater Relay

Control Box
Control Panel
Control Box Cover
Control Box Mounting Bracket
Control Box Mounting Rubbers (4)
Starting Pilot Relay
Manifold Heater Relay
Start-Disconnect Relay
Start Switch
Charge Ammeter (10-0-10)
Manifold Heater Switch
Switchboard Box
Switchboard Box Panel
Switchboard Box Relay
Switchboard Box Charge Ammeter (45-0-45)
Switchboard Box Fuse Clips (2)
Switchboard Box Fuse
Switchboard Box Field Rheostat
Switchboard Box Adjustable Resistor

(Continued next column)

CONTROL SECTION

DRP ENGINE GENERATOR

WIRING DIAGRAMS

606B55

301C1017 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 308-90 Start Switch
 307B40 Manifold Heater Relay
 304A120 Resistor - 2 Ohm - Fixed
 307B52 Start Disconnect Relay
 302A58 Charge Ammeter
 308P37 Manifold Heater Switch
 308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 304-175 Resistor - 1 Ohm - Adjustable
 312P87 Condenser - .1 Mfd. - Feed Thru - AC Load

606B56

301C1017 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 308-90 Start Switch
 307B40 Manifold Heater Relay
 304A120 Resistor - 2 Ohm - Fixed
 307B52 Start-Disconnect Relay
 302A58 Charge Ammeter
 308P37 Manifold Heater Switch
 308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 304-175 Resistor (2) 1 Ohm - Adjustable
 312P87 Condenser (2) .1 Mfd. - Feed Thru - AC Load

606B62

301C633 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 308-27 Start Switch
 307B40 Manifold Heater Relay
 307B81 Starting Pilot Relay
 302A58 Charge Ammeter
 308P37 Manifold Heater Switch
 307A52 Start-Disconnect Relay
 304-58 Resistor - 50 Ohm Adjustable (115 Volt Models only)
 304-23 Resistor - 100 Ohm Adjustable (230 Volt Models only)

WIRING DIAGRAMS

606B63

301C1017 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 312P83 Feed Thru Condenser - 1.75 Mfd.
 308-90 Heater Relay to Starter Solenoid
 307B40 Start Switch
 304A120 Manifold Heater Relay
 304-175 Resistor - 2 Ohm - Fixed
 307B52 Resistor - 1 Ohm - Adjustable
 302A58 Start-Disconnect Relay
 308P37 Charge Ammeter
 308P7 Manifold Heater Switch
 307B180 High-Low Charge Rate Switch
 308P37 Charge Relay
 312B95 Fuel Pump Switch

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Output Terminal Cover
 Feed Thru Condenser - 1.75 Mfd.
 Heater Relay to Starter Solenoid
 Start Switch
 Manifold Heater Relay
 Resistor - 2 Ohm - Fixed
 Resistor - 1 Ohm - Adjustable
 Start-Disconnect Relay
 Charge Ammeter
 Manifold Heater Switch
 High-Low Charge Rate Switch
 Charge Relay
 Fuel Pump Switch
 Feed Thru Condenser - AC Load

606C64

301C633 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 307B81 Starting Pilot Relay
 307B40 Manifold Heater Relay
 307B52 Start-Disconnect Relay
 308-26 Start Switch
 302A58 Charge Ammeter (10-0-10)
 308P37 Manifold Heater Switch
 301C471 Switchboard Box
 301C408 Switchboard Box Panel
 302A62 Switchboard Box Charge Ammeter (45-0-45)
 307B26 Switchboard Box Relay
 321-2 Switchboard Box Fuse Clips (2)
 321-5 Switchboard Box Fuse
 303-11 Switchboard Box Field Rheostat

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Starting Pilot Relay
 Manifold Heater Relay
 Start-Disconnect Relay
 Start Switch
 Charge Ammeter (10-0-10)
 Manifold Heater Switch
 Switchboard Box
 Switchboard Box Panel
 Switchboard Box Charge Ammeter (45-0-45)
 Switchboard Box Relay
 Switchboard Box Fuse Clips (2)
 Switchboard Box Fuse
 Switchboard Box Field Rheostat

606B67

301C1017 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301A974 Start-Stop Switch Mounting Bracket
 307B277 Governor Solenoid
 307B40 Governor Solenoid Relay
 307B81 Starting Pilot Relay
 304-45 Resistor - 4 Ohm - Fixed
 307B40 Manifold Heater Relay
 308-90 Start-Stop Switch
 308P37 Manifold Heater Switch
 302P60 Charge Ammeter

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Start-Stop Switch Mounting Bracket
 Governor Solenoid
 Governor Solenoid Relay
 Starting Pilot Relay
 Resistor - 4 Ohm - Fixed
 Manifold Heater Relay
 Start-Stop Switch
 Manifold Heater Switch
 Charge Ammeter

(Continued on next page)

CONTROL SECTION

DRP ENGINE GENERATOR

61

WIRING DIAGRAMS

606B67 (Continued from page 60)

307B52	Start-Disconnect Relay
304A32	Resistor - 15 Ohm - Between Stop Relay and Start-Disconnect Relay
307B4	Stop Relay
332A222	Remote Terminal Block
304-23	Resistor - 100 Ohm - Adjustable

606B70

301C1464	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301B1030	Output Terminal Cover
308-90	Start-Stop Switch
307B40	Manifold Heater Relay
304-120	Resistor, Fixed - 2 Ohm - 25 Watt
304-175	Resistor, Adjustable - 1 Ohm
307B52	Start-Disconnect Relay
302-68	Charge Ammeter
308-37	Manifold Heater Switch
308-7	High-Low Charge Rate Switch
307B180	Charge Relay
308-37	Fuel Pump Switch
312P95	Feed Thru Condenser (AC Output)
337A45	Control Box Bond Strap (2)

606B71

301C1549	Control Box
301C634	Control Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Mounting Cushions (4) Rubber
301B1030	Output Terminal Cover
301A974	Start Switch Mounting Bracket
308-37	Manifold Heater Switch
308-90	Start Switch
307B40	Manifold Heater Relay
307B52	Start-Disconnect Relay
302A58	Charge Ammeter
308-7	High-Low Charge Rate Switch
307B180	Charge Relay
308-37	Fuel Pump Switch

(Continued next column)

WIRING DIAGRAMS

606B71 (Continued)

304-120
304-175
312P87
337A45

Fixed Resistor
Adjustable Resistor
Feed Thru Condenser - Load Terminals
Bond Strap (2) Control Box Mounting

CONTROL SECTION

DRP ENGINE GENERATOR

WIRING DIAGRAMS

WIRING DIAGRAMS

611B42

301C633	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers(4)
308-26	Start-Stop Switch
307B40	Manifold Heater Relay
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-44	Resistor - 2.5 Ohm - Fixed
304P50	Resistor - .5 Ohm - Adjustable
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
307B52	Start-Disconnect Relay
302A58	Charge Ammeter
308P37	Manifold Heater Switch
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Between Stop Relay and Charge Relay
307B180	Charge Relay
308P7	High-Low Charge Rate Switch

611B44

301C633	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-44	Resistor - 2.5 Ohm - Fixed
307B40	Manifold Heater Relay
308-26	Start-Stop Switch
308P37	Manifold Heater Switch
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Between Stop Relay and Charge Relay
307B52	Start-Disconnect Relay
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
304P50	Resistor - .5 Ohm - Adjustable

611B45

301C633	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-44	Resistor - 2.5 Ohm - Fixed
304P50	Resistor - .5 Ohm - Adjustable
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
307B52	Start-Disconnect Relay
307B4	Stop Relay
307B180	Charge Relay
304A32	Resistor - 15 Ohm - Between Stop Relay and Charge Relay
308P7	High-Low Charge Rate Switch
308P37	Manifold Heater Switch
302A58	Charge Ammeter
308-26	Start-Stop Switch
307B40	Manifold Heater Relay

611B46

301C633	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
307B81	Starting Pilot Relay
307B40	Governor Solenoid Relay
308-26	Start-Stop Switch
307B40	Manifold Heater Relay
304-44	Resistor - 2.5 Ohm - Fixed
304P50	Resistor - .5 Ohm - Adjustable
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
307B52	Start-Disconnect Relay
302A58	Charge Ammeter
308P37	Manifold Heater Switch
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Between Stop Relay and Charge Relay

611B58

Refer to Factory - Control Box	
Refer to Factory - Control Panel	
402-78	Control Box Mounting Rubbers (4)
301C667	Junction Box
301B621	Junction Box Cover
301A632	Junction Box Mounting Bracket
308P37	Manifold Heater Switch
303-55	Field Rheostat
302-238	DC Ammeter
308A9	Start-Stop Button
332A135	Terminal Block
307C187	Reverse Current Relay

(Continued on next page)

CONTROL SECTION

DRP ENGINE GENERATOR

63

WIRING DIAGRAMS

611B58 (Continued from page 62)

307B61	Manifold Heater Solenoid
307B61	Governor Solenoid
304-62	Resistor - 25 Ohm - Fixed (Between Manifold Heater Solenoid and Start Solenoid)
307B4	Stop Relay
307-18	Start Solenoid
302B71	Ammeter Shunt
321-22	Fuse - 300 Amp.
304P2	Resistor - 15 Ohm - Fixed (Mounts in Housing)
301B206	Resistor Housing
304-112	Resistor - 10 Ohm - Fixed - On Stop Relay

611C70

301C633	Control Box (Main)
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-44	Resistor - 2.5 Ohm - Fixed
304P50	Resistor - .5 Ohm - Adjustable
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
307B4	Stop Relay
307B180	Charge Relay
304A32	Resistor - 15 Ohm (Between Stop Relay and Charge Relay)
307B52	Start-Disconnect Relay
307B40	Manifold Heater Relay
308-26	Start-Stop Switch
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
308P37	Manifold Heater Switch
301C569	Control Box (Mounts Current Transformer & Rectifier)
301B570	Control Box Cover
301B694	Control Box Mounting Bracket
302B219	Current Transformer
304P50	Resistor - Adjustable (Rectifier Control Box)
332A36	Terminal Block Bracket (Rec- tifier Control Box)
332A18	Terminal Block (4 Place) Rec- tifier Control Box
305B28	Rectifier
305A31	Rectifier Mounting Bracket

611C72

301C633	Control Box (Main)
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
308-26	Start-Stop Switch

WIRING DIAGRAMS

611C72 (Continued)

307B40
307B40
307B81
304-44
304P50
332A222
332A198
307B4
307B180
304A32

307B52
302A58
308P7
308P37
301C569
301B570
301B694

332A18

332A36

305B28
305A31
302B198
304P50

611C76

301-70
307-209
304-66
332A236
332A254
307B40
308P37
307B40
307B81
304-44
304-190
305A1
307B4
307B52
304A32
307B180
332A222
332A198
308-26

Manifold Heater Relay
Governor Solenoid Relay
Starting Pilot Relay
Resistor - 2.5 Ohm - Fixed
Resistor - .5 Ohm - Adjustable
Remote Terminal Block
Remote Terminal Block Bracket
Stop Relay
Charge Relay
Resistor - 15 Ohm - Fixed (Be- tween Stop Relay & Charge Relay)
Start-Disconnect Relay
Charge Ammeter
High-Low Charge Rate Switch
Manifold Heater Switch
Rectifier Control Box
Rectifier Control Box Cover
Rectifier Control Box Mounting Bracket
Rectifier Control Box Terminal Block (4 Place)
Rectifier Control Box Terminal Block Bracket
Rectifier
Rectifier Mounting Bracket
Current Transformer (In Rectifier Control Box)
Resistor - .5 Ohm - Adjustable (In Rectifier Control Box)

Control Box
Field Relay
Resistor - 10 Ohm - Adjustable (Off Field Relay)
Terminal Block (3 Place) AC Load
Terminal Block (4 Place)
Manifold Heater Relay
Manifold Heater Switch
Governor Solenoid Relay
Starting Pilot Relay
Resistor - 2.5 Ohm - Fixed
Resistor - 1.5 Ohm - Adjustable(2)
Voltage Regulator Relay
Stop Relay
Start-Disconnect Relay
Resistor - 15 Ohm - Fixed (Be- tween Charge Relay and Stop Relay)
Charge Relay
Remote Terminal Block
Remote Terminal Block Bracket
Start-Stop Switch

(Continued next column)

CONTROL SECTION

DRP ENGINE GENERATOR

WIRING DIAGRAMS

611C77

Manifold Heater Switch by Customer
 Start-Stop Switches by Customer
 301D785 Control Box
 330A29 Junction Box
 330A12 Junction Box Cover
 332A382 Junction Box Spacers (4)
 332A254 Junction Box Terminal
 Block (4 Place)
 18719 Junction Box Terminal
 Block (5 Place)
 304-109 Resistor - 5 Ohm -
 Adjustable (Mtd. in
 Resistor Guard)
 304-190 Resistor - 1.5 Ohm - Ad-
 justable (Mtd. in Resistor
 Guard)
 304-95 Resistor - 4.5 Ohm - Fixed
 (Mtd. in Resistor Guard)
 304-86 Resistor - 10 Ohm - Ad-
 justable (Mtd. in Resistor
 Guard)
 301B786 Resistor Guard
 301A781 Resistor Bracket (2) Mounts
 Resistor Guard
 332A254 Terminal Block (Marked A, B,
 C, D)
 332A18 Terminal Block (4 Place) 2
 307B217 Field Relay
 307B40 Manifold Heater Relay
 307B40 Governor Solenoid Relay
 307B81 Starting Pilot Relay
 307B4 Stop Relay
 307B52 Start-Disconnect Relay
 305A1 Voltage Regulator Relay
 307B180 Charge Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and
 Stop Relay)
 308P37 Fuel Pump Switch

611B79

301C633 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 307B81 Starting Pilot Relay
 307B40 Governor Solenoid Relay
 308-26 Start-Stop Switch
 307B40 Manifold Heater Relay
 308P37 Manifold Heater Switch
 302A58 Charge Ammeter
 308P7 High-Low Charge Rate Switch
 307B52 Start-Disconnect Relay
 307B180 Charge Relay
 307B4 Stop Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and
 Stop Relay)

WIRING DIAGRAMS

611B79 (Continued)

332A222
 304-44
 304P50
 332A198

611B80

301C633
 301C634
 301B621
 301A632
 402-78
 308P37
 307B81
 307B40
 308-26
 307B40
 304-44
 304P50
 307B52
 302A58
 308P7
 307B180
 307B4
 304A32

332A222
 332A198

611B81

301C633
 301C634
 301B621
 301A632
 402-78
 308P37
 307B81
 307B40
 304-44
 304P50
 307B40
 308-26
 302A58
 308P7
 307B180
 307B4
 304A32

307B52
 332A222
 332A198

611B82

301C633
 301C634
 301B621
 301A632
 402-78

Remote Terminal Block
 Resistor - 2.5 Ohm - Fixed
 Resistor - .5 Ohm - Adjustable
 Remote Terminal Block Bracket

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Manifold Heater Switch
 Starting Pilot Relay
 Governor Solenoid Relay
 Start-Stop Switch
 Manifold Heater Relay
 Resistor - 2.5 Ohm - Fixed
 Resistor - .5 Ohm - Adjustable
 Start-Disconnect Relay
 Charge Ammeter
 High-Low Charge Rate Switch
 Charge Relay
 Stop Relay
 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and
 Stop Relay)
 Remote Terminal Block
 Remote Terminal Block Bracket

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Manifold Heater Switch
 Starting Pilot Relay
 Governor Solenoid Relay
 Resistor - 2.5 Ohm - Fixed
 Resistor - .5 Ohm - Adjustable
 Manifold Heater Relay
 Start-Stop Switch
 Charge Ammeter
 High-Low Charge Rate Switch
 Charge Relay
 Stop Relay
 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and
 Stop Relay)
 Start-Disconnect Relay
 Remote Terminal Block
 Remote Terminal Block Bracket

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)

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CONTROL SECTION

DRP ENGINE GENERATOR

65

WIRING DIAGRAMS

WIRING DIAGRAMS

611B82 (Continued from page 64)

308P37 Manifold Heater Switch
 307B81 Starting Pilot Relay
 307B40 Governor Solenoid Relay
 304-44 Resistor - 2.5 Ohm - Fixed
 304P50 Resistor - .5 Ohm - Adjustable
 307B52 Start-Disconnect Relay
 307B40 Manifold Heater Relay
 308-26 Start-Stop Switch
 302A58 Charge Ammeter
 308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 307B4 Stop Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay
 and Stop Relay)
 332A222 Remote Terminal Block
 332A198 Remote Terminal Block
 Bracket

611B84

301C667 Junction Box
 301B621 Junction Box Cover
 301A632 Junction Box Mounting Bracket
 402-78 Control Mounting Rubbers (4)
 303-55 Fixed Rheostat
 302-238 DC Ammeter
 308A9 Start-Stop Switch
 308P37 Manifold Heater Switch
 332A135 Terminal Block (3 Place)
 301C826 Control Box
 301B827 Control Panel
 335C30 Conduit & Lead Assembly
 (7 foot long)
 332A398 Terminal Block (Fuse and Shunt
 Mounting)
 332A399 Terminal Block Jumper Wire -
 Shunt and Fuse
 332A400 Terminal Block Jumper Wire -
 Shunt and Reverse Current
 Relay
 301B206 Resistor Housing
 304P2 Resistor - 15 Ohm - Fixed
 (In Resistor Housing)
 307B61 Manifold Heater Solenoid
 304-62 Resistor - 25 Ohm - Fixed
 (Between Governor Solenoid
 and Start Solenoid)
 307B61 Governor Solenoid
 307C187 Reverse Current Relay
 307B4 Stop Relay
 304-112 Resistor - 100 Ohm - Fixed
 (Off Stop Relay)
 307-18 Start Solenoid
 302B71 Ammeter Shunt
 321-22 Fuse (300 Ampere)

611B104

301C1017
 301B634
 301B621
 301A632
 402-78
 301B1030
 308P37
 308-90
 301A974
 307B81
 307B40
 307B40
 304-45
 304-175
 307B52
 302A58
 308P7
 307B180
 307B4
 304A32

332A222
 332A198
 312P87

611B105

301C1017
 301C634
 301B621
 301A632
 402-78
 301B1030
 308P37
 308-90
 301A974
 307B40
 307B81
 304-45
 304-175
 307B52
 307B40
 302A58
 308P7
 307B180
 307B4
 304A32

332A222
 332A198
 312P87

Control Box
 Control Panel
 Control Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Output Terminal Cover
 Manifold Heater Switch
 Start-Stop Switch
 Start-Stop Switch Bracket
 Starting Pilot Relay
 Governor Solenoid Relay
 Manifold Heater Relay
 Resistor - 4 Ohm - Fixed
 Resistor - 1 Ohm - Adjustable
 Start-Disconnect Relay
 Charge Ammeter
 High-Low Charge Rate Switch
 Charge Relay
 Stop Relay
 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and
 Stop Relay)
 Remote Terminal Block
 Remote Terminal Block Bracket
 Condenser - AC Output Feed
 Thru

Control Box
 Control Box Panel
 Control Box Cover
 Control Box Mounting Bracket
 Control Box Mounting Rubbers (4)
 Output Terminal Cover
 Manifold Heater Switch
 Start-Stop Switch
 Start-Stop Switch Bracket
 Governor Solenoid Relay
 Starting Pilot Relay
 Resistor - 4 Ohm - Fixed
 Resistor - 1 Ohm - Adjustable
 Start-Disconnect Relay
 Manifold Heater Relay
 Charge Ammeter
 High-Low Charge Rate Switch
 Charge Relay
 Stop Relay
 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and
 Stop Relay)
 Remote Terminal Block
 Remote Terminal Block
 Mounting Bracket
 Feed Thru Condenser (2)
 AC Output

CONTROL SECTION

DRP ENGINE GENERATOR

WIRING DIAGRAMS

611B106

301C1017	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301B1030	Output Terminal Cover
308P37	Manifold Heater Switch
308-90	Start-Stop Switch
301A974	Start-Stop Switch Bracket
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-45	Resistor - 4 Ohm - Fixed
304-175	Resistor - 1 Ohm - Adjustable
307B52	Start-Disconnect Relay
307B40	Manifold Heater Relay
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Fixed (Between Charge Relay and Stop Relay)
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
312P87	Feed Thru Condenser (3) AC Output

611B107

301C1017	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301B1030	Output Terminal Cover
308P37	Manifold Heater Switch
308-90	Start-Stop Switch
301A974	Start-Stop Switch Bracket
307B40	Governor Solenoid Relay
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B52	Start-Disconnect Relay
304-45	Resistor - 4 Ohm - Fixed
304-175	Resistor - 1 Ohm - Adjustable
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Fixed (Between Charge Relay and Stop Relay)
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
312P87	Feed Thru Condenser (3) AC Output
307B81	Starting Pilot Relay
307B40	Manifold Heater Relay

WIRING DIAGRAMS

611C122

301C1017	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301B1030	Output Terminal Cover
308P37	Manifold Heater Switch
308-90	Start-Stop Switch
301A974	Start-Stop Switch Bracket
307B40	Manifold Heater Relay
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-45	Resistor - 4 Ohm - Fixed
304-175	Resistor - 1 Ohm - Adjustable
307B52	Start-Disconnect Relay
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Fixed (Between Charge Relay and Stop Relay)
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
312P87	Feed Thru Condenser (2) AC Output
301C569	Rectifier Control Box
301B570	Rectifier Control Box Cover
301B694	Rectifier Control Box Mounting Bracket
332A36	Rectifier Control Box Terminal Block Bracket
332A18	Rectifier Control Box Terminal Block
304P50	Rectifier Control Box Resistor - .5 Ohm - Adjustable
302B219	Rectifier Control Box Current Transformer
305B28	Rectifier
305A31	Rectifier Mounting Bracket

611B125

301C1017	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301B1030	Output Terminal Cover
308P37	Manifold Heater Switch
308-90	Start-Stop Switch
301A974	Start-Stop Switch Bracket
307B40	Manifold Heater Relay
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304-45	Resistor - 4 Ohm - Fixed
304-175	Resistor - 1 Ohm - Adjustable
307B52	Start-Disconnect Relay
302A58	Charge Ammeter

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CONTROL SECTION

DRP ENGINE GENERATOR

67

WIRING DIAGRAMS

611B125 (Continued from page 66)
308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 307B4 Stop Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and Stop Relay)
 332A222 Remote Terminal Block
 332A198 Remote Terminal Block Bracket
 312P87 Feed Thru Condenser - AC Output
 308A94 Remote Start-Stop Switch

611B157

Refer to Factory for Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 308P37 Manifold Heater Switch
 308-90 Start-Stop Switch
 301A974 Start-Stop Switch Bracket
 307B40 Manifold Heater Relay
 307B40 Governor Solenoid Relay
 307B81 Starting Pilot Relay
 304-45 Resistor - 4 Ohm - Fixed
 304-175 Resistor - 1 Ohm - Adjustable
 307B52 Start-Disconnect Relay
 302A58 Charge Ammeter
 308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 307B4 Stop Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and Stop Relay)
 332A222 Remote Terminal Block
 332A198 Remote Terminal Block Bracket
 312B95 Feed Thru Condenser - 2 Mfd. - AC Output

611B179

301C1266 Control Box
 301B621 Control Box Cover
 301C634 Control Box Panel
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 301B548 Resistor Housing
 304-18 Resistor - .17 Ohm - Fixed
 (In Resistor Housing)
 308P37 Manifold Heater Switch
 308-90 Start-Stop Switch
 301A974 Start-Stop Switch Bracket
 307B40 Manifold Heater Relay
 307B40 Governor Solenoid Relay

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WIRING DIAGRAMS

611B179 (Continued)

307B81 Starting Pilot Relay
 304-45 Resistor - 4 Ohm - Fixed
 304-175 Resistor - 1 Ohm - Adjustable
 307B52 Start-Disconnect Relay
 302P60 Charge Ammeter
 308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 307B4 Stop Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and Stop Relay)
 332A222 Remote Terminal Block
 332A198 Remote Terminal Block Bracket
 312B95 Feed Thru Condenser - 2 Mfd. - AC Output

611B193

301C1330 Control Box
 301C634 Control Box Panel
 301B621 Control Box Cover
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 308P37 Manifold Heater Switch
 308-90 Start-Stop Switch
 301A974 Start-Stop Switch Bracket
 307B40 Manifold Heater Relay
 307B40 Governor Solenoid Relay
 307B81 Starting Pilot Relay
 304-45 Resistor - 4 Ohm - Fixed
 304-175 Resistor - 1 Ohm - Adjustable
 307B52 Start-Disconnect Relay
 302A58 Charge Ammeter
 308P7 High-Low Charge Rate Switch
 307B180 Charge Relay
 307B4 Stop Relay
 304A32 Resistor - 15 Ohm - Fixed
 (Between Charge Relay and Stop Relay)
 332A222 Remote Terminal Block
 332A198 Remote Terminal Block Bracket
 320-135 Circuit Breaker
 312P87 Feed Thru Condenser - .1 Mfd. - AC Output

611B211

301C1017 Control Box
 301B621 Control Box Cover
 301C634 Control Box Panel
 301A632 Control Box Mounting Bracket
 402-78 Control Box Mounting Rubbers (4)
 301B1030 Output Terminal Cover
 308P37 Manifold Heater Switch
 308-90 Start-Stop Switch
 301A974 Start-Stop Switch Bracket
 307B40 Manifold Heater Relay
 307B40 Governor Solenoid Relay
 307B81 Starting Pilot Relay

(Continued on next page)

CONTROL SECTION

DRP ENGINE GENERATOR

WIRING DIAGRAMS

611B211 (Continued from page 67)

304-45	Resistor - 4 Ohm - Fixed
304-175	Resistor - 1 Ohm - Adjustable
307B52	Start-Disconnect Relay
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Fixed (Between Charge Relay and Stop Relay)
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
312B95	Feed Thru Condenser - 2 Mfd. - AC Output

611C233

301C1017	Control Box
301C634	Control Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301B1030	Output Terminal Cover
307B81	Starting Pilot Relay
307B40	Governor Solenoid Relay
307B40	Manifold Heater Relay
308-90	Start-Stop Switch
301A974	Start-Stop Switch Bracket
308P37	Manifold Heater Switch
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
304-45	Resistor - 4 Ohm - Fixed
304-175	Resistor - 1 Ohm - Adjustable
307B52	Start-Disconnect Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Fixed (Between Charge Relay and Stop Relay)
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
312P87	Feed Thru Condenser - .1 Mfd. (3) AC Output

611B247

Use parts as per W.D. 611B104. Parts are identical. Circuit difference only.

611B248

Use parts as per W.D. 611B106. Parts are identical. Circuit difference only.

611C249

Use parts as per W.D. 611C233. Parts are identical. Circuit difference only.

611B250

Use parts as per W.D. 611B105. Parts are identical. Circuit difference only.

WIRING DIAGRAMS

611B251

Use parts as per W.D. 611B106. Parts are identical. Circuit difference only.

611B270

301C1017	Control Box
301B621	Control Box Cover
301C634	Control Box Panel
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
308-90	Start-Stop Switch
301A974	Start-Stop Switch Mounting Bracket
307B40	Manifold Heater Relay
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
304A45	Fixed Resistor - 4 Ohm (Between Governor Solenoid Relay and Stop Relay)
304A330	Fixed Resistor - 20 Ohm (Generator A1 to Stop Relay)
304A121	Fixed Resistor - 10 Ohm (Off Start-Disconnect Relay)
307B52	Start-Disconnect Relay
308P37	Manifold Heater Switch
307B4	Stop Relay
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
312P87	Feed Thru Condenser - AC Output

616C317

LINE TRANSFER CONTROL MODEL

LT60-21/23A for STANDBY NO. 2

Model 5DRP-1R/617H (Approximately

2.5 Minute Time Delay on Starting)

301D1039	Control Box
406-50	Door Latch
406P178	Lock
332A377	Contactor Terminal Strip (4)
332-142	Ground Terminal (3)
307A200	Contactor (60 Ampere)
307A273	Start-Disconnect Relay
332A391	Terminal Block (4 Place) Remote Control
332A447	Terminal Block Marker Strip
307B203	Time Delay on Starting Relay
307B244	Start-Stop Relay
303-66	Rheostat
303-76	Rheostat Knob
305-129	Rectifier
304-251	Resistor - 30 Ohm - Fixed (Between Rectifier and Rheostat)
320A104	Cranking Limiter
304A192	Resistor - 3 Ohm - Fixed (Off Cranking Limiter)
315B9	Charge Transformer

(Continued on next page)

CONTROL SECTION

DRP ENGINE GENERATOR

69

WIRING DIAGRAMS

616C317	(Continued from page 68)
302P271	DC Milliammeter
321-7	Fuse Post
321-67	Fuse (1 Ampere)
308P84	Selector Switch (Auto., Hand Crank, Check, Stop)
303-76	Selector Switch Knob

616C325

LINE TRANSFER CONTROL MODEL

LT60-21/76A for STANDBY NO. 1
Model 5DRP-1R/617H (7-10 Minute
Time Delay on Stopping)

301D1036	Control Box
406-50	Door Latch
406P178	Lock
332A377	Contactor Terminal Strip (4)
306C136	Voltage Sensitive Relay
307A200	Contactor (60 Ampere)
332-142	Ground Terminal (3)
307A273	Start-Disconnect Relay
332A391	Terminal Block (4 Place) Remote Control
332A447	Terminal Block Marker Strip
307B184	Time Delay on Stopping Relay
307B244	Start-Stop Relay
303-66	Rheostat
303-76	Rheostat Knob
305-129	Rectifier
304-251	Resistor - 30 Ohm - Fixed (Between Rectifier and Rheostat)
320A104	Cranking Limiter
304A192	Resistor - 3 Ohm - Fixed (Off Cranking Limiter)
315B9	Charge Transformer
302P271	DC Milliammeter
321-7	Fuse Post
321-67	Fuse (1 Ampere)
308P64	Selector Switch (Auto., Hand Crank, Check, Stop)
303-76	Selector Switch Knob

622B29

301C1409	Control Box
338B154	Control Wire Harness
307B40	Manifold Heater Relay
308A29	Start Button
302A58	Charge Ammeter
308P37	Manifold Heater Switch

622A46

307B367	Manifold Heater Relay
308A29	Start Switch
308-37	Manifold Heater Switch
150C616	Cover
338B154	Harness Assembly

WIRING DIAGRAMS

625D12

(Wiring Diagram for 2 Units with Line Trans-
fer Control)

PLANT CONTROLS (quantities listed are for 1 unit)

301C633	Control Box
301C634	Control Box Panel
301B621	Control Box Cover
301A632	Control Box Mounting Bracket
402-78	Control Box Mounting Rubbers (4)
301C536	Resistor Box and Guard
330-6	Resistor Box and Guard Cover
307B40	Governor Solenoid Relay
307B81	Starting Pilot Relay
307B40	Manifold Heater Relay
308-26	Start-Stop Switch
308P37	Manifold Heater Switch
302A58	Charge Ammeter
308P7	High-Low Charge Rate Switch
307B180	Charge Relay
307B4	Stop Relay
304A32	Resistor - 15 Ohm - Fixed (Between Charge Relay and Stop Relay)
307B52	Start-Disconnect Relay
332A222	Remote Terminal Block
332A198	Remote Terminal Block Bracket
304-44	Resistor - 2.5 Ohm - Fixed
304P50	Resistor - .5 Ohm - Adjustable
304P50	Resistor - .5 Ohm - Adjustable (In Resistor Box)
321-7	Fuse Post
321-37	Fuse (5 Ampere)
LINE TRANSFER CONTROL (Model AF30-2/14A)	
301C674	Control Box
301B253	Control Box Panel
308A16	Selector Switch (1-Hand Crank 2-Stop, 3-Automatic, 4-Check)
308A59	Selector Switch Handle Spacer
321-7	Fuse Post (3)
321-37	Fuse (5 Ampere)
321-67	Fuse (1 Ampere)
308P37	Emergency Stop Re-Set Switch (2)
307-188	Overspeed Relay (2)
307B189	Emergency Stopping Relay (2)
332A18	Terminal Block (4 Place) Marked B+, 1, 2, 3 (5 used)
307B32	Relay (230 Volt - RBM)
312A55	Condenser - 15 Mfd.
320-49	Cranking Limiter
305K145	Rectifier Kit
304A248	Resistor - 15 Ohm - Fixed (Off Rectifier)
332-201	Terminal Block (3 Place) (Continued on next page)

CONTROL SECTION

DRP ENGINE GENERATOR

WIRING DIAGRAMS

WIRING DIAGRAMS

625D12 (Continued from page 69)

315B10	Transformer (Between Terminal Block & Rectifier)
315B2	Transformer (2) Fuel Pump Circuit
332A231	Terminal Strip (2 Place)
308-57	Plant Load Selector Switch
332A254	Terminal Block (4 Place) Marked A, B, M2, M1
307-164	Contactor (30 Ampere)

625A79

307B40	Manifold Heater Relay
308P37	Manifold Heater Switch
308A29	Start Button

625A81

INSTALLATION CIRCUIT FOR DUAL STAND-
BYS MODELS 5DRP-1R/617H:

Plant Standby No. 1 employs Line Transfer

Model LT60-21/76A (60 AMPERE, 115 VOLT,
1 PHASE, 2 WIRE, 50/60 CYCLE). This Line
Transfer is connected directly to 115 Volt Line.
See W.D. 616C325.

Plant Standby No. 2 employs Line Transfer

Model LT60-21/23A (60 AMPERE, 115 VOLT,
1 PHASE, 2 WIRE, 50/60 CYCLE). This Line
Transfer must have its Line Side connected to
the Load Side of Model LT60-21/76A. See
W.D. 616C317.

625B121

302A58	Charge Ammeter
308A29	Start Button

ENGINE SECTION

DRP ENGINE GENERATORS
DRP INDUSTRIAL ENGINES

71

CONTAINS THE FOLLOWING-

ENGINE PARTS FOR DRP ENGINE GENERATORS.
ENGINE PARTS FOR DRP INDUSTRIAL ENGINES.

ALL ENGINE PARTS ARE LISTED IN ALPHABETICAL ORDER (A THRU Z)
THE PREDOMINATING NOUN OF ANY PHRASE HAS ALWAYS BEEN LISTED
FIRST WHENEVER MORE THAN ONE WORD DESCRIBES ANY ITEM. THUS
A CONNECTING ROD ASSEMBLY IS LISTED AS: ROD ASSEMBLY, CONNECT-
ING. THE MAIN HEADING COLUMNS ARE FOR SPEC A-E, SPEC F-G, SPEC H,
SPEC J AND SPEC K-L. THESE SPEC (SPECIFICATION) COLUMNS ARE DIVIDED
INTO 2 SUBCOLUMNS OF:

E - ELECTRIC START MODELS (START-STOP BUTTON ON PLANT ONLY)
R - REMOTE START MODELS (START-STOP BUTTONS AT PLANT AND
AT REMOTE STATION)

SPECIAL NOTE: Parts in this section that apply to Industrial Engines only
are prefixed by the symbol (▲). Quantity for these parts is one unless other-
wise specified. Parts in this Section that apply to both DRP GENERATORS
or INDUSTRIAL ENGINES have been prefixed by the symbol (†). Quantity
for these parts is the same as appears for the DRP GENERATORS. When-
ever there is a choice of more than one part number for any particular part,
use the one that has the quantity under the specification letter column that
agrees with the last letter of the Engine Model.

NOTICE!

A letter "X" appearing in the specification column is merely to show the period of usage of the original part.

When ordering, use the superseding part number. Be sure to check the plant serial number.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L			
		E	R	E	R	E	R	E	R	E	R		
- A -													
140B170	†Adapter, Air Cleaner - Left Hand - Less Air Heater Element Assy..	1	1	1	1	1	1	1	1	1	1		
140B171	†Adapter, Air Cleaner - Right Hand - Less Air Heater Element Assy.	1	1	1	1	1	1	1	1	1	1		
147A28	Adapter, Nozzle - Used Prior to Serial #415805 (Use Replacement Kit #147K42)	x	x										
147A39	Adapter, Nozzle - Units Begin Serial #415805 (Included in Replacement Kit #147K42)	2	2	2	2	2	2	2	2	2	2		
147B38	†Adapter, Nozzle - Aluminum	1	1	1	1	1	1	1	1	1	1		
102D102	†Adapter, Oil Base												
150A243	†Arm and Shaft Assembly, Governor - Used on units prior to Serial #408923 - Use Arm and Shaft #150A276 plus Yoke Assembly	x	x										
150A276	†Arm and Shaft Assembly, Governor - Used on units begin with Serial #150A620	1	1										
115A40	†Arm Assembly, Exhaust Rocker - Includes Arm, Ball, Retainer, Oil Wick, Screw and Nut	2	2	2	2	2	2	2	2	2	2		
115A41	†Arm Assembly, Intake Rocker - Includes Arm, Ball, Retainer, Oil Wick, Screw and Nut	2	2	2	2	2	2	2	2	2	2		
115A36	†Arm, Exhaust Rocker	2	2	2	2	2	2	2	2	2	2		
150A319	†Arm, Governor Shaft												
115A35	†Arm, Intake Rocker												
- B -													
149-113	Ball and Screw, Fuel Filter	2	2	4	4	4	4	4	4	4	4		
115A37	†Ball, Rocker Arm	4	4										
191A29	Bar, Charge Generator Adjusting - DC Models EXCEPT 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1		
102D106	Base, Oil												
102D127	†Base, Oil												
149C451	†Base Only, Secondary Fuel Filter												
416P258	†Battery, Starting - 6 Volt (Optional Equipment) AC Models (Replaces #416-66)	2	2	2	2	2	2	2	2	2	2		
510-14	†Bearing, Ball - Governor Shaft	1	1	1	1	1	1	1	1	1	1		
101B373	†Bearing, Precision Camshaft - Front (Replaces #101A70)	1	1	1	1	1	1	1	1	1	1		

▲ - Industrial Engines only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
101A367	†Bearing, Precision Camshaft - Rear (Replaces #101A50).....	1	1	1	1	1	1	1	1	1	1
114B53	†Bearing, Connecting Rod (half) Precision Type - Use only with Forged Steel Rods (Specify Standard; or .002" Under size for worn Engine or .020" Under size for remachined Crankshaft)			4	4	4	4	4	4	4	4
101K341	†Bearing Kit, Crankshaft - Precision Type - Includes Pins and Thrust Washer - Front or Rear (Replaces flanged type #101A66 or 101K220) Specify: Std. or .002" Under size for worn Engine, .020" Under- size for remachined Crankshaft journal.....	2	2	2	2	2	2	2	2	2	2
510-8	†Bearing, Needle - Governor Shaft Lower (Small)	1	1	1	1	1	1	1	1	1	1
510-13	†Bearing, Needle - Governor Shaft Upper (Large)	1	1	1	1	1	1	1	1	1	1
511-8	Belt, Charge Generator - DC Models EXCEPT 32 Volt DC Battery Charger	1	1	1	1	1	1				
511P42	†Belt, Charge Generator - DC Models EXCEPT 32 Volt DC Battery Charger							1	1	1	1
110A468	†Block Assembly, Cylinder - Includes Bearing Plate, Bearings and Plugs (Use Block Assembly #110A951).....	x	x	x	x	x	x	x	x		
110A951	†Block Assembly, Cylinder - Includes Bearing Plate, Bearings and Plugs.....	1	1	1	1	1	1	1	1	1	1
403A95	†Bolt, Eye - Lifting.....										
805-18	†Bolt, Place - Bearing Plate (also: Industrial Engines Begin Spec "K")										
805-30	†Bolt, Place - Stub Shaft to Flywheel - 7/16"-14 x 1-3/4" (4 used) ...										
149A452	Bolt, Secondary Filter.....										
149-116	Bowl, Fuel Filter (Primary and Secondary)										
149A320	Bracket and Coupling Assembly - Fuel Line Connection										
191B93	†Bracket, Charge Generator - DC Models EXCEPT 32 Volt DC Battery Charger	2	2	1	1	1	1	1	1	1	1
191A30	Bracket, Charge Generator Mounting - DC Models EXCEPT 32 Volt Battery Charger	1	1	1	1	1	1	1	1	1	1
149A235	Bracket, Fuel Filter Mounting - Units Begin with Serial #408923	1	1								
149A210	Bracket, Fuel Line	1	1								
150C249	Bracket, Governor Solenoid Mounting	1	1								
150C390	Bracket, Governor Solenoid Mounting			1	1						
150C489	†Bracket, Governor Solenoid Mounting										
403B337	†Bracket, Lifting										
120A355	†Bracket, Oil Cup										
149A459	Bracket, Primary Fuel Filter Mounting	1	1	1	1	1	1	1	1	1	1
101B247	Bracket, Primary Fuel Filter Mounting and Return Line Connection .										
149B450	Bracket, Secondary Fuel Filter Mounting										
101B246	†Bracket, Secondary Fuel Filter Mounting										
191-17	†Brush Set, Starter - Not used on 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
114A54	†Bushing, Connecting Rod - To Piston Pin - Semi-Finished - Used only with Forged Steel Rod			4	4	4	4	4	4	4	4

▲ - Industrial Engines only.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
147A29	Bushing, Nozzle Holder	2									
402A46	Bushing, Spacer - Plant Mounting	4		4	4	4	4	4	4	4	4
416A4	†Cable, Battery Jumper - Not used on 32 Volt DC Battery Charger (Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
416A77	Cable, Battery (Positive and Negative) - Not used on 32 Volt DC Battery Charger	2									
416A128	†Cable, Battery Negative - Not used on 32 Volt DC Battery Charger (Optional Equipment on Industrial Engines) - Use Cable #416A110..		2								
416A110	†Cable, Battery Positive - Not used on 32 Volt DC Battery Charger (Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
105-164	†Camshaft - Includes Center Pin (Replaces #105-92)	1	1	1	1	1	1	1	1	1	1
149P208	†Cartridge, Fuel Filter - Includes Cover Gasket										
122-37	†Cartridge, Oil Filter Replacement - Includes Gasket										
149A428	†Cartridge Only, Secondary Fuel Filter - Order Gaskets Separately ..										
191A31	Clamp, Charge Generator - DC Models EXCEPT 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
140C172	†Cleaner, Air										
518-52	†Clip, Governor Rod End										
115A50	†Clip, Oil Line - Left Hand										
191P121	†Clutch, Starter - Not used on 32 Volt DC Battery Charger										
150A229	†Collar, Governor Shaft										
149A417	Connector and Strainer, Injection Pump Inlet - Right Hand Pump (Replaces Elbow #502-33)	2	2	2	2	2	2	2	2	2	2
502-18	†Connector, Cylinder Head Oil Drain Line Inverted Male										
155C366	†Connector, Exhaust Outlet "Y" (NOTE: Optional Equipment on Industrial Engines)	2	2	2	2	2	2	2	2	2	2
502-3	†Connector, Fuel Supply Line Inverted Male (Optional Equipment on Industrial Engines)										
502-18	†Connector, Inverted Male (1) Right Hand Head Drain Line to Oil Base Adapter, (1) Left Hand Head Drain Line to Cylinder Block	2	2	2	2	2	2	2	2	2	2
502-3	†Connector, Inverted Male - Filter Pressure Line to Block										
502-3	†Connector, Oil Filter Outlet Inverted Male										
505-14	†Coupling, Oil Drain - 1/2"	1	1	1	1	1	1	1	1	1	1
140A398	†Cover, Air Cleaner Adapter - Blank (2 Used)	1	1	1	1	1	1	1	1	1	1

- C -

▲ - Industrial Engines only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
103C77	Cover Assembly, Gear - Units Prior to Serial #408923 (Includes Governor Arm and Shaft, Yoke, Oil Seals, Needle Bearings, Collar, Spacer and Hardware)	1	1								
103C81	Cover Assembly, Gear - Units Begin with Serial #408923 (Includes Arm and Shaft, Yoke Needle Bearings, Oil Seals, Collar and Hardware)	1	1								
103C89	†Cover Assembly, Gear (Includes Shaft and Stud Bracket, Yoke, Seal, Needle Bearings, Collar, Arm, Loading Spring and Hardware)			1	1	1	1	1	1		
103C170	†Cover Assembly, Gear (Includes Shaft and Stud Bracket, Yoke, Seal, Needle Bearings, Collar, Arm, Loading Spring, Governor Cup Stop Pin and Hardware) Note: Industrial Engines also Begin Spec "K"	1	1	1	1	1	1	1	1	1	1
123A266	†Cover, Breather Tube	1	1								
154A134	†Cover, Exhaust Outlet	1	1	1	1						
149B132	Cover, Fuel Filter	1	1								
150C248	Cover, Governor Solenoid	1	1	1	1						
150C488	Cover, Governor Solenoid					1	1	1	1	1	1
150C617	△Cover, Governor Solenoid - Mounts Switch etc. (Prior to Spec H)	1	1	1	1	1	1	1	1	1	1
101A154	Cover, Starter Mounting Hole - 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
110C416	†Cover, Valve Box - Left Hand	1	1	1	1	1	1	1	1	1	1
110C415	†Cover, Valve Box - Right Hand	1	1	1	1	1	1	1	1	1	1
191A32	Cradle, Charge Generator - DC Models EXCEPT 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
192B29	†Crank, Hand	1	1	1	1	1	1	1	1	1	1
104D172	†Crankshaft (Replaces Crankshaft #104D105)	1	1	1	1	1	1	1	1	1	1
150B105	Cup Assembly, Governor - Units Prior to Serial #409977	1	1								
150B281	†Cup Assembly, Governor (Includes Drive Pin) - Units Begin with Serial #409977 (Note: Industrial Engines also Prior to Spec "K")	1	2	1	1	1	1	1	1		
110A418	Cup, Fuel (Replaces Cup #110A433)										
150B812	†Cup, Governor (NOTE: Does NOT Include Stop Pin. Stop Pin is in Gear Cover) Industrial Engines also Begin Spec "K"	1	1	1	1	1	1	1	1	1	1
120B217	†Cup, Oil Intake	1	1	1	1	1	1	1	1	1	1
402A38	Cushion, Mounting - Lower	4	4	4	4	4	4	4	4	4	4
402A36	Cushion, Mounting - Upper	4	4	4	4	4	4	4	4	4	4
104A142	†Dog, Crank	1	1	1	1	1	1	1	1	1	1
102A2	Drain Assembly, Oil - Includes Coupling and Nipple	1	1	1	1	1	1	1	1	1	1

- D -

△ - Industrial Engines only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
- E -											
502-20	Elbow, Air Accumulator Tank Street - 1/8"			3	3						
149A418	Elbow and Strainer, Injection Pump Inlet - (1) Right Hand Pump, (1)			1	1			2	2	2	2
149A418	† Elbow and Strainer, Injection Pump Inlet - (1) Right Hand Pump, (1)										
	Left Hand Pump			2	2						
502-41	Elbow, Fuel Filter Inverted Male	2	2								
502-41	Elbow, Fuel Transfer Pump Inverted Male	3	3								
502-2	Elbow, Inverted Male - (1) Fuel Filter, (2) Nozzle Fuel Return Line.			5	5	5	5	5	5	5	5
502-2	Elbow, Inverted Male - (1) Fuel Line Connector Bracket, (2) Trans-										
502-2	fer Pump, (2) Nozzle Fuel Return Line			1	1	1	1	1	1	1	1
502-2	▲ Elbow, Inverted Male - (2) Fuel Line Connector Bracket, (2) Trans-	1	1								
	fer Pump, (2) Nozzle Fuel Return Line and (1) Primary Fuel Filter.			1	1	1	1	1	1	1	1
502-2	† Elbow, Inverted Male - Oil Filter Drain Line to Oil Base Adapter	1	1	1	1	1	1	1	1	1	1
502-54	Elbow, Oil Pressure Switch Mounting Street - 90°-1/4"										
	Pipe - AC Models and 32 Volt Battery Charger										
502-2	† Elbow, Oil Filter Inlet Inverted Male	2	2	2	2	2	2	2	2	2	2
502-5	Elbow, Oil Filter Inverted Female (Used on some plants Prior to	2	2								
	Serial #410975)			1	1	1	1	1	1	1	1
502-65	† Elbow, Rocker Arm Shaft Inverted Male	1	1	1	1	1	1	1	1	1	1
502-20	† Elbow, Secondary Fuel Filter Inlet Street	1	1	1	1	1	1	1	1	1	1
505-11	† Elbow, Street - Air Cleaner to Breather Hose	1	1	1	1	1	1	1	1	1	1
505-11	† Elbow, Street - Breather Tube Cover to Hose	1	1	1	1	1	1	1	1	1	1
149P438	† Element, Primary Fuel Filter - Brass Disc, Permanent Type -	1	1								
	Order Gasket Separately										
149-104	Element, Secondary Filter										
- F -											
149D217	Filter Assembly, Fuel - Complete	1	1			1	1	1	1	1	1
149B426	† Filter Assembly, Primary Fuel - Complete										
149B448	† Filter Assembly, Secondary Fuel			1	1	1	1	1	1	1	1
149-205	Filter, Fuel - Cartridge Type	1	1	1	1	1	1	1	1	1	1
122C56	† Filter, Oil - Includes Cartridge	1	1	1	1	1	1	1	1	1	1
502A94	† Fitting, Oil Gauge Restricted	10	10	10	10	10	10	10	10	10	10
155A170	† Flange, Exhaust	1	1								
510-15	† Flyball, Governor										
104B139	Flywheel Assembly - Includes Ring Gear										

▲ - Industrial Engines only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
104B166	Flywheel Assembly - Includes Ring Gear			1		1		1		1	
104B251	▲ Flywheel Assembly - Includes Ring Gear										
- G -											
154A104	† Gasket, Air Cleaner Screen										
154A43	† Gasket, Air Cleaner to Adapter										
140A156	† Gasket, Air Heater Cover										
123A265	† Gasket, Breather Tube Cover										
140A241	† Gasket, Cylinder Head										
154A133	† Gasket, Exhaust Elbow										
154A62	† Gasket, Exhaust Manifold										
140A119	† Gasket, Fuel Cup or Heat Shield (Copper) 4 Used prior Serial #410975										
149P302	† Gasket, Fuel Filter										
149A127	† Gasket, Fuel Filter Bowl										
149A3	† Gasket, Fuel Transfer Pump Mounting										
103B36	† Gasket, Gear Cover										
110A546	† Gasket, Glow Plug										
168K48	† Gasket Kit, Plant										
101K116	† Gasket Kit, Rear Bearing Plate										
147-40	† Gasket, Nozzle Adapter - Units Begin Serial #415805										
147-33	† Gasket, Nozzle Cap										
147A43	† Gasket, Nozzle Insulating - Steelbestos										
147-12	† Gasket, Nozzle to Adapter (Copper)										
102B104	† Gasket, Oil Base										
102B103	† Gasket, Oil Base Adapter										
123A245	† Gasket, Oil Fill Tube Adapter										
123A191	† Gasket, Oil Level Indicator										
120A192	† Gasket, Oil Pump Mounting										
149P494	† Gasket, Primary Fuel Filter - Fibre (NOTE: May be used on all plants even if not originally equipped)										
149P439	† Gasket, Primary Fuel Filter Bowl to Cover - Neoprene										
149P531	† Gasket, Secondary Fuel Filter Body Assembly Screw										
526-71	† Gasket, Secondary Fuel Filter Bleed Screw Washer - Copper										
149P456	† Gasket, Secondary Fuel Filter Body to Base										
149P455	† Gasket, Secondary Fuel Filter Cartridge to Base										
149P495	† Gasket, Secondary Fuel Filter Cartridge to Spring (NOTE: Must seal against spring)										

▲ - Industrial Engines only.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
110A262	†Gasket, Valve Box Cover	2		2		2		2		2	
193-6	†Gauge, Oil (Replaces Gauge #193-33)	1		1		1		1		1	
147A51	†Gauge, Timing - Injection Pump Tappet Adjustment (1.550" to 1.554")	1		1		1		1		1	
104-137	†Gear, Flywheel Ring	1		1		1		1		1	
105-74	†Gear Set - Includes Camshaft and Crankshaft Gears	1		1		1		1		1	
191-27	†Generator, Charge (Autolite Model No. GDY-4107A) DC Models EX- CEPT 32 Volt DC Battery Charger (NOTE: Order Internal parts not listed in this section from your Autolite Dealer. Order parts by description and give the Generator's Autolite Model Number) ...	1		1		1		1		1	
191P92	†Generator Charge (Autolite Model No. GH1-6001H-1) DC Models EXCEPT 32 Volt DC Battery Charger (NOTE: Order Internal part by description and give the Generators "Autolite" Model Number)	1		1		1		1		1	
134C520	†Grille, Blower Housing (Replaces #134C221) AC Models and 32 Volt DC Battery Charger (Models without Charging Generator)	1		1		1		1		1	
134C522	†Grille, Blower Housing - DC Models EXCEPT 32 Volt DC Battery Charger (Models with Charging Generator)	1		1		1		1		1	
508-26	†Grommet, Rubber - Governor Mounting Bracket - For 13/32" Hole - AC Models and 32 Volt DC Battery Charger	1		1		1		1		1	
191C95	†Guard, Charge Generator Belt - DC Models EXCEPT 32 Volt DC Battery Charger	1		1		1		1		1	
120A224	†Guide, Oil By Pass Cap and Spring	4		4		4		4		4	
110A235	†Guide, Valve - For 5/16" Valve Stem - Units prior to Serial #417019 Guide, Valve - For 3/8" Valve Stem - Units Begin Serial #417019	4		4		4		4		4	
110A499	†Guide, Valve - For 3/8" Valve Stem - Units Begin Serial #417019	4		4		4		4		4	
338B62	Harness Assembly, Wiring - AC Models and 115 Volt Electric Start.	1		1		1		1		1	
338B64	Harness Assembly, Wiring - Not used on 32 Volt Battery Charger or 115 Volt Electric Start	1		1		1		1		1	
338B132	Harness Assembly, Wiring - DC Models EXCEPT 32 Volt Battery Charger and 115 Volt Electric Start	1		1		1		1		1	
338B125	Harness Assembly, Wiring - 32 Volt Battery Charger	1		1		1		1		1	
338B149	†Harness Assembly, Wiring - Industrial Engines WITH Charging Gen- erator	1		1		1		1		1	
110A673	†Head Assembly, Cylinder - Includes Valve Guides and Inserts - <u>Less</u> Rocker Arms (Replaces Head Assembly #110A434)	2		2		2		2		2	
110A523	†Head Assembly, Cylinder - Includes Valve Guides and Inserts - <u>Less</u> Valves and Rocker Arms	2		2		2		2		2	

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▲ - Industrial Engines Only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
110A611	†Head Assembly, Cylinder - Includes Valves and Rocker Arms - Less Nozzle and Holder Assembly, Adapter Casting and Glow Plug										
110K871	Head Replacement Kit, Cylinder - Includes Valves and Rocker Arms, Nozzle Adapter and Gasket, Heat Shield and Gasket - LESS Nozzle and Holder and Fuel Cup. (For conversion of Units from 5/16" to 3/8" size Valve Stems) Replaces Head Assemblies #110A475 or #110A504	2	2	2	2	2	2	2	2	2	2
140B166	†Heater Assembly, Air Intake - Complete - 12 Volt - Not used on 32 Volt DC Battery Chargers(NOTE: Optional Equipment on Industrial Engines)	2	2	2	2	2	2	2	2	2	2
140B161	*Heater Assembly, Air Intake - Complete - 32 Volt DC Battery Chargers	2	2								
140B275	*Heater Assembly, Air Intake - Complete - 32 Volt DC Battery Chargers										
123A288	†Hose, Breather - 7/16" x 13-1/2" - Flexible	1	1	2	2	2	2			2	2
101-152	Housing Assembly, Flywheel - Includes Generator Adapter - Models Prior to Serial #408923	1	1	1	1	1	1	1	1	1	1
101-151	Housing Assembly, Flywheel - Includes Generator Adapter - Models Begin Serial #408923 to Serial #410975	1	1								
101-153	Housing Assembly, Flywheel - Includes Generator Adapter - Models Begin Serial #410975	1	1	1	1	1	1	1	1	1	1
101C248	▲Housing, Flywheel										
134D204	Housing, Blower - AC Models and 32 Volt DC Battery Charger	1	1	1	1	1	1			1	1
134B523	†Housing, Blower - DC Models EXCEPT 32 Volt DC Battery Charger.	1	1	1	1	1	1	1	1	1	1
123A274	†Indicator Assembly, Oil Level - Includes Cap										
104A140	Indicator, Timing Mark - Models Prior to Serial #408923	1	1	1	1	1	1	1	1	1	1
104A141	Indicator, Timing Mark - Models Begin Serial #408923 to #458001 ..	1	1								
110A343	Insert, Exhaust Valve Seat	2	2	2	2	2	2	2	2	2	2

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* - See Accessory Section for component parts.
 ▲ - Industrial Engines only.
 † - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
- J -											
150-638	†Joint, Ball - Control Rod and Governor Link (Replaces #150-69).....	3	3	3	3	3	3	3	3	3	3
- K -											
515-1	†Key, Camshaft Gear and Crankshaft Gear	2	2	2	2	2	2	2	2	2	2
515-90	†Key, Flywheel	1	1	1	1	1	1	1	1	1	1
- L -											
336A364	▲Lead, Charge Ammeter to Charge Generator			2	2	2	2	2	2	2	2
336A727	†Lead, Heater to Glow Plug (Optional Equipment on Industrial Engine)										
336A759	▲Lead, Start Button to Starter	1	1	1	1	1	1	1	1	1	1
336A1066	▲Lead, Start Button to Ground	1	1	1	1	1	1	1	1	1	1
336A446	†Lead, Starter - Not used on 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
147A24	†Lever, Throttle - Right Hand			1	1	1	1	1	1	1	1
150A247	Lever, Throttle Stop										
150A387	Lever, Throttle Stop - AC Models and 32 Volt DC Battery Charger										
150A560	†Lever, Throttle Stop - AC Models and 32 Volt DC Battery Charger										
(NOTE: Optional Equipment on Industrial Engines)											
120A255	†Line Assembly, Cylinder Head Drain - Right Hand			1	1	1	1	1	1	1	1
120B254	†Line Assembly, Cylinder Head Drain - Left Hand			1	1	1	1	1	1	1	1
149A220	Line Assembly, Fuel - Injection Pump to Nozzle - Complete	1	1	1	1	1	1	1	1	1	1
149A361	†Line Assembly, Fuel - Injection Pump to Nozzle - Complete	1	1	1	1	1	1	1	1	1	1
149A222	†Line Assembly, Fuel - Primary Filter to Pump			1	1	1	1	1	1	1	1
149C311	Line Assembly, Fuel - Filter to Pump			1	1	1	1	1	1	1	1
149A224	†Line Assembly, Fuel - Left Hand Nozzle Return			1	1	1	1	1	1	1	1
149B225	†Line Assembly, Fuel - Right Hand Nozzle Return			1	1	1	1	1	1	1	1
149A226	Line Assembly, Fuel - Tee to Fuel Return - Units Prior to Serial #408923	1	1	1	1	1	1	1	1	1	1
149B237	Line Assembly, Fuel - Tee to Fuel Return - Units Begin with Serial #408923										
149B341	Line Assembly, Fuel Return - Tee to Bracket										
149B627	▲Line Assembly, Fuel Return - Tee to Bracket										

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ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
149-223	Line Assembly, Fuel - Secondary Filter to Pump	1	1								
149A221	Line Assembly, Fuel - Supply to Filter - Units Prior to Serial #408923	1	1								
149B236	Line Assembly, Fuel (28" Solid) Supply to Filter - Units Begin with Serial #408923	1	1								
122-59	Line Assembly, Oil Filter Drain - Models Prior to Serial #408923 ..	1	1								
122A68	Line Assembly, Oil Filter Drain - Models Begin with Serial #408923.	1	1								
122A138	Line Assembly, Oil Filter Drain	1	1								
122A60	Line Assembly, Oil Filter Pressure (Replaces #122-58)	1	1								
122A139	Line Assembly, Oil Filter Pressure	1	1								
120B263	Line Assembly, Rocker Arm Pressure - Left Hand	1	1								
120A262	Line Assembly, Rocker Arm Pressure - Right Hand	1	1								
501A24	Line, Flexible Fuel - Left Hand (Fuel Filter)	1	1								
501A23	Line, Flexible Fuel - Right Hand (Fuel Filter)	1	1								
501A3	Line, Flexible Fuel - Pump to Air Tank	1	1								
501A41	Line, Flexible Fuel - Tank to Left Hand Pump	1	1								
501A42	Line, Flexible Fuel - Tank to Right Hand Pump	1	1								
501A23	Line, Flexible Fuel - Secondary Fuel Filter to Left Hand Injection Pump	1	1								
501A64	Line, Flexible Fuel - Secondary Fuel Filter to Right Hand Injection Pump	1	1								
501A7	Line, Flexible Fuel - Tank to Fuel Inlet and Outlet (NOTE: Optional Equipment on Industrial Engines)	2	2								
501A3	Line, Flexible Fuel - Transfer Pump to Secondary Fuel Filter	1	1								
159C470	Line, Primary Fuel Filter to Fuel Transfer Pump	1	1								
149C628	Line, Solid Fuel - Primary Fuel Filter to Fuel Transfer Pump	1	1								
150A259	Link Assembly, Governor - Includes Ball Joint	1	1								
150A258	Link, Governor	1	1								
150A246	Link, Governor Stop Solenoid	2	2								
110A8	Lock, Valve Spring Retainer - For 5/16" Valve Stem - Units Prior to Serial #417019	8	8								
110A501	Lock, Valve Spring Retainer - For 3/8" Valve Stem - Units Begin with Serial #417019	8	8								
154C161	Manifold Assembly, Exhaust	1	1								
402A51	Mounting Assembly, Vibration - Includes Upper and Lower Cushion, Spacer Bushing and Hardware	4	4								

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▲ - Industrial Engines only.
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ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
155B330	†Muffler, Exhaust (Replaces Muffler #155B124) (NOTE: Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
159A8	†Neck, Oil Filler (Pressed In)	1	1	1	1	1	1	1	1	1	1
505A10	†Nipple, Half - Air Cleaner to Breather Hose	1	1	1	1	1	1	1	1	1	1
505A10	†Nipple, Half - Breather Tube Cover to Hose	1	1	1	1	1	1	1	1	1	1
505-2	†Nipple, Oil Drain	2	2	2	2	2	2	2	2	2	2
147B15	†Nozzle and Holder Assembly	2	2	2	2	2	2	2	2	2	2
147-16	†Nozzle Only	2	2	2	2	2	2	2	2	2	2
866-8	†Nut, Acorn Cap - Stub Shaft Mounting - 7/16-14	2	2	2	2	2	2	2	2	2	2
149-114	†Nut, Ball Thumb - Fuel Filter	1	1	1	1	1	1	1	1	1	1
870-155	†Nut, Breather Elbow Hex Jam - Left Hand Air Cleaner - 1/4" Pipe Thread	1	1	1	1	1	1	1	1	1	1
147A22	†Nut, Control Rod Adjusting (Injection Pump)	1	1	1	1	1	1	1	1	1	1
147A48	†Nut, Control Rod Adjustment - Left Hand Thread (Injection Pump)	1	1	1	1	1	1	1	1	1	1
147-3	†Nut, Coupling - Fuel Line - To Injection Pump	2	2	2	2	2	2	2	2	2	2
147-19	†Nut, Coupling - Fuel Line - To Nozzle	16	16	16	16	16	16	16	16	16	16
110A67	†Nut, Cylinder Head - 7/16"-20 Hardened	1	1	1	1	1	1	1	1	1	1
150A89	†Nut, Governor Speed Adjusting - Knurled - Wedge (NOTE: Some plants use two #10-32 Nuts instead)	1	1	1	1	1	1	1	1	1	1
150A398	†Nut, Governor Speed Adjusting - Spherical Face - #10-32 x 5/16"	12	12	12	12	12	12	12	12	12	12
870-110	†Nut, Governor Speed Adjusting - Spherical Face - #10-32 x 5/16"	8	8	8	8	8	8	8	8	8	8
110A445	†Nut, Grip - Cylinder Shroud	7	7	7	7	7	7	7	7	7	7
110A445	†Nut, Hardened - 5/16"-24 - Bearing Plate Stud (Prior Spec "K" only)	14	14	14	14	14	14	14	14	14	14
104A91	†Nut, Hardened - 5/16"-24 - Gear Cover Stud	1	1	1	1	1	1	1	1	1	1
870-53	†Nut, Hardened Hex - 3/8"-24 - Flywheel Housing Mounting and Assy.	4	4	4	4	4	4	4	4	4	4
868-7	†Nut, Hex - #10-32 (Governor Speed Adjusting) Used on Plants with Spherical Faced Nut #150A398	4	4	4	4	4	4	4	4	4	4
115A48	†Nut, Primary Fuel Filter Mounting Hex Jam - 5/8"-18	2	2	2	2	2	2	2	2	2	2
509-21	†Nut, Rocker Arm Adjusting Screw	12	12	12	12	12	12	12	12	12	12
509-18	†"O" Ring, Injection Pump External	2	2	2	2	2	2	2	2	2	2
	†"O" Ring, (4) Rocker Arm Shaft, (8) Push Rod Shields	12	12	12	12	12	12	12	12	12	12

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† - Industrial Engines only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E			SPEC. F-G			SPEC. H			SPEC. J			SPEC. K-L		
		E	R		E	R		E	R		E	R		E	R	
155B175	†Outlet, Exhaust - Left Hand	1			1											
522K112	Overhaul Kit, Plant	1	1													
522K129	Overhaul Kit, Plant - AC Models				1									1		1
522K153	Overhaul Kit, Plant - 115 Volt or 230 Volt Single Phase Models							1								
522K133	Overhaul Kit, Plant - 115/230 Volt Single Phase Models and all 3 Phase							1						1		1
- P -																
150A75	†Pin, Camshaft Center	1	1		1			1			1			1		1
516-36	Pin, Cotter - Governor Yoke Retaining (use only on Yoke drilled for Cotter Pin)	1														
516A72	†Pin, Crankshaft Bearing Stop (Qty. 4 used with precision Bearings) ..	2	2		2			2			2			2		2
516-57	Pin, Governor Cup Stop - Units Prior to Serial #409977	1	1													
516-71	†Pin, Governor Cup Stop (Located in Governor Cup) - Units Begin with Serial #409977 and Prior to Spec "K"	1	1		1			1			1			1		1
516-117	†Pin, Governor Cup Stop - Located in Gear Cover (Begin Spec "K") ..															
516-64	Pin, Groove (Flywheel, Blower and Gear Cover)	6	6											1		1
112A16	†Pin, Piston - Available in Standard or .002" Oversize - Specify	2	2		2			2			2			2		2
516A4	†Pin, Rocker Arm Shaft Groove	2	2		2			2			2			2		2
516A92	†Pin, Roll - Blower				1			1			1			1		1
516-116	†Pin, Roll - Sheave and Blower to Crankshaft - 5/16"x1-1/2" (2 used) ..															
150A244	Pin, Stop Solenoid Lever	1	1		1											
516-103	†Pin, Stop Solenoid Lever Roll - AC Models and 32 Volt DC Battery Charger (NOTE: Optional Equipment on Industrial Engines)							1						1		1
150A245	†Pin, Throttle Stop Lever - AC Models and 32 Volt DC Battery Charger (NOTE: Optional Equipment on Industrial Engines)	1	1		1			1			1			1		1
112-34	Piston and Pin Assembly - 4 Grooves - Use Piston and Ring Set #112A45	x	x													
112-50	†Piston and Pin Assembly - 5 Groove - Available in Standard, .010", .020" or .030" Oversize				2			2			2			2		2
112A45	Piston and Ring Set (Includes #112-50 Piston and #113K55 Ring Set) ..	2	2		2			2			2			2		2
120A222	†Piston, Oil By-Pass	1	1		1			1			1			1		1
123A263	†Plate, Breather Valve Back	1	1		1			1			1			1		1
123A262	†Plate, Flapper Valve (Pressed In)	1	1		1			1			1			1		1
150A77	†Plate, Governor Ball	1	1		1			1			1			1		1
102C112	†Plate, Oil Baffle	1	1		1			1			1			1		1
101C67	†Plate, Rear Bearing - Less Bearing (Prior to Spec "K")	1	1		1			1			1			1		1
101C268	†Plate, Rear Bearing - Less Bearing (Begin Spec "K")	1	1		1			1			1			1		1

▲ - Industrial Engines only.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
505-54	▲ Plug, Air Cleaner Pipe - 1/4" (Right Hand Air Cleaner only)	2	2	2	2	2	2	2	2	2	2
516A66	† Plug, Brass - Compression Release Mounting Hole	2	2	2	2	2	2	2	2	2	2
502-28	† Plug, Brass Pipe - 1/8" - Exhaust Manifold	2	2	2	2	2	2	2	2	2	2
505-180	Plug, Countersunk - 1/4" - Oil Base	1	1	1	1	1	1	1	1	1	1
505-274	† Plug, Cylinder Block - 1/8" Countersunk, Dryseal	1	1	1	1	1	1	1	1	1	1
505-54	▲ Plug, Cylinder Head Intake Pipe - 1/4" (2 used)	1	1	1	1	1	1	1	1	1	1
505-53	▲ Plug, Gear Cover Pipe - 1/8"	1	1	1	1	1	1	1	1	1	1
333A37	† Plug, Glow (Note: Optional Equipment on Industrial Engines)	2	2	2	2	2	2	2	2	2	2
333A48	▲ Plug, Glow Plug Hole (2 Used)	1	1	1	1	1	1	1	1	1	1
505-13	Plug, Oil Base Pipe - 1/2" (2 Used)	1	1	1	1	1	1	1	1	1	1
505-56	▲ Plug, Oil Base Pipe - 1/2" (2 Used)	1	1	1	1	1	1	1	1	1	1
517-18	† Plug, Welch - Camshaft										
149K368	† Priming Kit, Cold Weather Starting (Does Not Include Starting Fluid Capsules) - OPTIONAL EQUIPMENT ON ALL MODELS										
149C162	* Pump Assembly, Fuel Transfer (Blanking Manufacture) Use Pump Assembly #149D711	x	x	x	x	x	x	x	x	x	x
149C478	* Pump Assembly, Fuel Transfer (Blanking Manufacture) Use Pump Assembly #149D711	x	x	x	x	x	x	x	x	x	x
149C822	† * Pump Assembly, Fuel Transfer - ONAN (Use Pump Assembly #149D711)	x	x	x	x	x	x	x	x	x	x
149D711	† * Pump Assembly, Fuel Transfer - ONAN (Replaces all previously used pumps)	1	1	1	1	1	1	1	1	1	1
120A279	† Pump Assembly, Oil (Replaces #120A230) Sold only as a Unit	1	1	1	1	1	1	1	1	1	1
147C25	† Pump, Injection - With Throttle Lever Template	2	2	2	2	2	2	2	2	2	2
123K454	† * Regulator Kit, Oil Level - OPTIONAL EQUIPMENT ON ALL MODELS										
149K526	† Repair Kit, Fuel Transfer Pump (Install stronger of the two diaphragm springs furnished) NOTE: If not available #149K74 will work	1	1	1	1	1	1	1	1	1	1
147K42	Replacement Kit, Nozzle Adapter, Fuel Cup and Gasket - Units Prior to Serial #415805 (Includes Nozzle Adapter #147A39, Nozzle Adapter Gasket #147-40, Fuel Cup Gasket #110A419, Nozzle Gasket #147-12 and Fuel Cup #110A418)	2	2	2	2	2	2	2	2	2	2
115A38	† Retainer, Rocker Arm Ball	4	4	4	4	4	4	4	4	4	4

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* See Accessory Section for component parts.

▲ - Industrial Engines.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
150A78	†Ring, Camshaft Center Pin Snap	1	1	1	1	1	1	1	1	1	1
147-4	†Ring, Coupling (Compression Sleeve) Injection Pump to Nozzle Line	4	4	4	4	4	4	4	4	4	4
518-16	†Ring, Crankshaft Gear Washer Snap	1	1	1	1	1	1	1	1	1	1
518-7	Ring, Governor Cup Snap - Units Prior to Serial #409977	1	1	1	1	1	1	1	1	1	1
150A280	†Ring, Governor Cup Thrust - Units Begin with Serial #409977	1	1	1	1	1	1	1	1	1	1
518-74	†Ring, Governor Shaft Snap	1	1	1	1	1	1	1	1	1	1
518-129	†Ring, Governor Yoke Retaining (Use only on Yoke NOT drilled for Cotter Pin. - Yoke has retaining ring groove)	1	1	1	1	1	1	1	1	1	1
113K55	Ring Kit, Piston (Replaces either #113-38 or #113A53) Includes necessary rings for 4 or 5 Groove Piston (Available in Standard, .010", .020" or .030" Oversize - Specify)	2	2	2	2	2	2	2	2	2	2
113A43	†Ring, Piston Compression - Top (Replaces #113A14) - Available in Standard, .010", .020" or .030" Oversize - Specify	2	2	2	2	2	2	2	2	2	2
113A15	†Ring, Piston Compression - 2nd and 3rd Grooves - Available in Standard, .010", .020" or .030" Oversize - Specify	4	4	4	4	4	4	4	4	4	4
113A49	Ring, Piston Oil Control (Replaces #113A16) - Used in Bottom Groove - Available in Standard, .010", .020" or .030" Oversize - Specify ..	2	2	2	2	2	2	2	2	2	2
113A49	†Ring, Piston Oil Control - Used in Bottom 2 grooves - Available in Standard, .010", .020" or .030" Oversize - Specify	4	4	4	4	4	4	4	4	4	4
112A19	†Ring, Piston Pin Retaining	4	4	4	4	4	4	4	4	4	4
113A53	†Ring Set, Piston - Specify Standard or, .010", .020" .030" Oversize (If not available Ring Kit #113K55 will work) 2 Used	1	1	1	1	1	1	1	1	1	1
147A30	†Rod Assembly, Injection Pump Control - Includes Nut, Studs and Ball Joints	x	x	x	x	x	x	x	x	x	x
115A43	Rod Assembly, Push - Aluminum (Use #115A95)	1	1	1	1	1	1	1	1	1	1
115A51	Rod Assembly, Push - Steel(Use #115A95)	1	1	1	1	1	1	1	1	1	1
115A95	†Rod Assembly, Push - Steel (Replaces all previously used rods)	1	1	1	1	1	1	1	1	1	1
114C14	Rod, Connecting - Aluminum - requires no Separate Bearings - Units prior to Serial #462223- Available in Standard or .020" Undersize - Specify	2	2	2	2	2	2	2	2	2	2
114B52	†Rod, Connecting - Forged Steel - Includes Bushings and Bearings - Units Begin with Serial #462223 - Available in Standard or .020" Undersize - Specify	2	2	2	2	2	2	2	2	2	2
154A105	†Screen, Air Cleaner	2	2	2	2	2	2	2	2	2	2
149A218	Screen, Fuel Filter	1	1	1	1	1	1	1	1	1	1

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▲ - Industrial Engines only.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
800-53	Screw, Connecting Rod Hex Head Cap - 3/8"-16 x 1-3/4" - Use only with Aluminum Rod	4	4	4	4	4	4	4	4	4	4
114A57	†Screw, Connecting Rod Hex Head Cap - 3/8"-24 x 1-1/2" - Use only with Forged Steel Rod			1	1	1	1	1	1	1	1
800-73	†Screw, Flywheel Mounting Hex Head Cap - 7/16"-14 x 1-1/3" (NOTE: Used also on Industrial Engines WITHOUT Stub Shaft) (Replaces Studs			2	2	2	2	2	2	2	2
800-52	†Screw, Nozzle Hex Head Cap - 3/8"-16 x 1-1/2" (Replaces Studs used on Some Plants)		1	2	2	2	2	2	2	2	2
800-57	†Screw, Nozzle Hex Head Cap - 3/8"-16 x 2-3/4" (Replaces Studs used on some plants)	1	1	1	1	1	1	1	1	1	1
120A182	†Screw, Oil Pump Mounting - Special - Shoulder Type										
815-85	†Screw, Oil Tip (On Some Cylinder Heads - Not required on DRP Units)	4	4	4	4	4	4	4	4	4	4
115A18	†Screw, Rocker Arm			1	1	1	1	1	1	1	1
813-100	†Screw, Secondary Fuel Filter Bleeding - #10-32 x 1/2"	1	1	1	1	1	1	1	1	1	1
509P64	†Seal, Oil - Bearing Plate - Neoprene (Replaces either Seal #509-17 or #509A48)	1	1	1	1	1	1	1	1	1	1
509-19	†Seal, Oil - Gear Cover	2	2	1	1	1	1	1	1	1	1
509-8	†Seal, Oil - Governor Shaft			1	1	1	1	1	1	1	1
149-115	Seal, Fuel Filter			2	2	2	2	2	2	2	2
150A322	†Shaft and Stud Bracket Assembly, Governor - Less Arm										
150A651	†Shaft and Stud Bracket Assembly, Governor - Less Arm										
115A16	†Shaft, Rocker Arm - With Slotted Plug										
190B165	†Shaft, Stub - Power Take off and Flywheel Retaining - 1-1/2" dia. x 4" long										
104B154	†Sheave, Crankshaft - With "V" Belt Groove - DC Models except 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
115A22	†Shield Assembly, Push Rod - Includes Collar and "O" Ring	4	4	4	4	4	4	4	4	4	4
147A44	†Shield, Nozzle Heat - Steel	1	1	1	1	1	1	1	1	1	1
134C230	†Shroud, Cylinder - Lower Left Hand	1	1	1	1	1	1	1	1	1	1
134C229	†Shroud, Cylinder - Lower Right Hand	1	1	1	1	1	1	1	1	1	1
134C231	†Shroud, Cylinder - Upper Left Hand	1	1	1	1	1	1	1	1	1	1
134C228	†Shroud, Cylinder - Upper Right Hand	1	1	1	1	1	1	1	1	1	1
307A171	†Solenoid and Lead Assembly, Governor - AC Models (Use Solenoid Solenoid and Lead Assembly #307A171)			x	x	x	x	x	x	x	x
307A219	†Solenoid and Lead Assembly - AC Models (NOTE: Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
307B277	†Solenoid and Lead Assembly, Governor - 32 Volt DC Battery Charger.										
307B186	Solenoid and Lead Assembly, Governor - 32 Volt DC Battery Charger.										
307A220	Solenoid and Lead Assembly, Governor - 32 Volt DC Battery Charger.										

† - Industrial Engines only.
† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
307B284	Solenoid and Lead Assembly, Governor - 32 Volt DC Battery Charger.										
526A34	†Spacer, Cylinder Head Nut	16	16	16	16	1	1	16	16	1	1
150B85	†Spacer, Governor Ball	1	1	1	1	1	1	1	1	1	1
134A262	Spacer, Grip Nut - Cylinder Shroud	12	12	12	12	12	12	12	12	12	12
150A98	†Spring, Governor	1	1	1	1	1	1	1	1	1	1
150A318	†Spring, Governor Shaft Loading										
150A233	Spring, Governor Yoke	1	1	1	1	1	1	1	1	1	1
120A221	†Spring, Oil By-Pass	1	1	1	1	1	1	1	1	1	1
115A17	†Spring, Rocker Arm	2	2	2	2	2	2	2	2	2	2
191-19	†Spring, Secondary Fuel Filter Cartridge Securing (Fram No. 10074).	4	4	4	4	4	4	4	4	4	4
150A268	Spring, Starter Brush - Not used on 32 Volt DC Battery Charger	1	1								
150A250	Spring, Stop Lever Latch										
	(NOTE: Optional Equipment on Industrial Engines)										
110A236	†Spring, Stop Solenoid - AC Models and 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
191B24	†Spring, Valve	4	4	4	4	4	4	4	4	4	4
	†*Starter, 12 Volt - Autolite #MBJ-4115 (NOT used on 32 Volt DC Bat- tery Charger)										
191B94	†Strap, Charge Generator - DC Models EXCEPT 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
520A328	†Stud, Air Cleaner										
520A375	†Stud, Battery Ground Terminal - Oil Base	2	2	2	2	2	2	2	2	2	2
520A11	†Stud, Bearing Plate - 5/16" x 1-7/16" (Prior to Spec "K" only)	1	1	1	1	1	1	1	1	1	1
520A327	Stud, Blower Wheel - AC Models and 32 Volt DC Battery Charger - 7/16" x 2-1/4"	8	8	8	8	8	8	8	8	8	8
520A207	Stud, Blower Wheel - DC Models EXCEPT 32 Volt DC Battery Charger - 1/4" x 5-3/4"	1	1	1	1	1	1	1	1	1	1
520A398	▲Stud, Blower Wheel - 7/16" x 2-5/8"	1	1	1	1	1	1	1	1	1	1
520A372	†Stud, Control Rod - Long										
520A371	†Stud, Control Rod - Short	1	1	1	1	1	1	1	1	1	1
520A103	†Stud, Cylinder Head - 7/16" x 3-3/4"	4	4	4	4	4	4	4	4	4	4
520A149	†Stud, Cylinder Head Mounting - 7/16" x 2"	12	12	12	12	12	12	12	12	12	12
520A118	†Stud, Flywheel Housing to Block - 3/8" x 1-1/2"	8	8	8	8	8	8	8	8	8	8
520A11	†Stud, Gear Cover - 5/16" x 1-7/16"	1	1	1	1	1	1	1	1	1	1
520A9	†Stud, Gear Cover Mounting - 5/16" x 1-7/8"	6	6	6	6	6	6	6	6	6	6
150A207	Stud, Governor Sensitivity Adjusting	1	1	1	1	1	1	1	1	1	1
150A136	†Stud, Governor Sensitivity Adjusting	1	1	1	1	1	1	1	1	1	1
150A213	†Stud, Governor Speed Adjusting	1	1	1	1	1	1	1	1	1	1
520A94	Stud, Injection Pump Mounting - 5/16" x 2-1/2"	4	4	4	4	4	4	4	4	4	4
520A456	▲Stud, Injection Pump Mounting - 5/16" x 2-1/2"										

* - See Accessory Section for component parts.

▲ - Industrial Engines only.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
520A298	Stud, Oil Base Adapter - 7/16" x 1-7/8" (Replaces #520A327)	5	5	5	5	5	5	5	5	5	5
520A299	†Stud, Oil Base Adapter - 7/16" x 3-1/2" (Replaces #520A163)	3	3	3	3	3	3	3	3	3	3
520A149	▲Stud, Oil Base Adapter - 7/16" x 2" (5 Used)	2	2	2	2	2	2	2	2	2	2
520A404	†Stud, Starter Mounting - Not used on 32 Volt DC Battery Charger ...	1	1	1	1	1	1	1	1	1	1
150A96	†Stud, Stop Solenoid Spring Adjusting - AC Models and 32 Volt DC Battery Charger (NOTE: Optional Equipment on Industrial Engines).			2	2	2	2			2	2
520A520	▲Stud, Stub Shaft to Crankshaft - 7/16" x 7-1/2"										
332A384	Stud, Terminal - Glow Plug Connection - 32 Volt DC Battery Charger			1	1	1	1			1	1
308A94	Switch Assembly, Remote Start-Stop - Optional Equipment										
309-38	Switch, Oil Pressure - AC Models and 32 Volt DC										
307-98	†Battery Charger	1	1	1	1	1	1	1	1	1	1
	†Switch, Starter Solenoid Starting - Not used on 32 Volt DC Battery Charger										
149B309	Tank Assembly, Air Accumulator			1	1	1	1			1	1
415A27	†Tank, Fuel (NOTE: Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
115A34	†Tappet, Injection Pump Adjustable	2	2	2	2	2	2	2	2	2	2
115A8	†Tappet, Valve	4	4	4	4	4	4	4	4	4	4
115A96	†Tappet, Valve										
502-58	†Tee, Equalizer line of Oil Level Regulator - Models with Optional Oil Level Regulator	1	1	1	1	1	1	1	1	1	1
502-57	Tee, Fuel Filter Pipe	1	1	1	1	1	1	1	1	1	1
502-102	†Tee, Fuel Return Line	1	1	1	1	1	1	1	1	1	1
502-48	†Tee, Rocker Arm Oil Line	1	1	1	1	1	1	1	1	1	1
147A32	†Template, Throttle Lever Adjusting (On Injection Pump Shaft)	2	2	2	2	2	2	2	2	2	2
155B185	†Tube Assembly, Flexible Exhaust - Includes Coupling (NOTE: Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
123C272	†Tube Assembly, Oil Fill and Breather - Complete (Replaces #123C260 Includes Tube, Filler Neck, Breather Cover, Gasket, Elbow, Back- plate, Flapper Valve, Valve Plate, Baffle Cups, Nipple and Hard- ware	1	1	1	1	1	1	1	1	1	1
155C387	†Tube, Exhaust - Left Hand (Solid) (NOTE: Optional Equipment on Industrial Engines)										
155B386	†Tube, Exhaust - Right Hand (Solid) (NOTE: Optional Equipment on Industrial Engines)										

- T -

▲ - Industrial Engines only.

† - Engine Generators or Industrial Engines.

ENGINE SECTION

DRP ENGINE GENERATOR

PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
		- V -									
504A13	† Valve Assembly, Fuel Tank Shut off (NOTE: Optional Equipment on Industrial Engines)	1	1	1	1	1	1	1	1	1	1
110A33	Valve, Exhaust - With 5/16" Stem - Units Prior to Serial #417019	2	2								
110A498	† Valve, Exhaust - Stellite - With 3/8" Stem - Units Begin with Serial #417019	2	2	2	2	2	2	2	2	2	2
110A447	Valve, Intake - With 5/16" Stem - Units Prior to Serial #417019	2	2	2	2	2	2	2	2	2	2
110A496	† Valve, Intake - With 3/8" Stem - Units Begin with Serial #417019	2	2	2	2	2	2	2	2	2	2
123A264	† Valve, Flapper - Breather	1	1	1	1	1	1	1	1	1	1
105A42	† Washer, Camshaft Thrust	1	1	1	1	1	1	1	1	1	1
232A200	Washer, Centering - Stub Shaft Mounting										
114A20	† Washer, Connecting Rod Screw Lock	4	4	4	4	4	4	4	4	4	4
104A95	† Washer, Crankshaft Retainer	1	1	1	1	1	1	1	1	1	1
104B432	† Washer, Crankshaft Thrust (Used only with precision type bearing, not used with flanged type bearing) - 2 Used										
104A160	† Washer, Flywheel (NOTE: On Industrial Engines use only on Models WITHOUT Stub Shaft)			1	1	1	1	1	1	1	1
110A432	Washer, Fuel Cup - Used on Units Prior to Serial #415805 (Use Replacement Kit #147K42)	x	x	1	1	1	1	1	1	1	1
526-140	† Washer, Governor Shaft Yoke			1	1	1	1	1	1	1	1
147P58	Washer Kit, Injection Pump Control Sleeve - Includes (2) Washers, (1) "O" Ring and (2) Snap Rings	1	1	1	1	1	1	1	1	1	1
526-69	† Washer, Oil By Pass Relief Cup - Copper	1	1	1	1	1	1	1	1	1	1
122-48	† Washer, Oil Filter Cover Capscrew	1	1	1	1	1	1	1	1	1	1
854-28	† Washer, Primary Fuel Filter Mounting - Internal Tooth - 5/8"	1	1	1	1	1	1	1	1	1	1
104A124	† Washer, Rocker Arm Spacer	12	12	12	12	12	12	12	12	12	12
122-48	† Washer, Secondary Fuel Filter Cartridge Securing Spring - Fibre										
110A238	Washer, Valve Spring Retainer - For 5/16" Valve Stem - Units Prior to Serial #417019	4	4	4	4	4	4	4	4	4	4
110A500	† Washer, Valve Spring Retainer - For 3/8" Valve Stem - Units Begin with Serial #417019	4	4	4	4	4	4	4	4	4	4
134C212	Wheel, Blower - AC Models and 32 Volt DC Battery Charger	1	1	1	1	1	1	1	1	1	1
134A273	† Wheel, Blower - DC Models except 32 Volt Battery Charger	1	1	1	1	1	1	1	1	1	1
115A39	† Wick, Oil - Rocker Arm Ball	4	4	4	4	4	4	4	4	4	4

▲ - Industrial Engines only.

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ENGINE SECTION

DRP ENGINE GENERATOR

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PART NUMBER	DESCRIPTION	SPEC. A-E		SPEC. F-G		SPEC. H		SPEC. J		SPEC. K-L	
		E	R	E	R	E	R	E	R	E	R
150A620	†Yoke Assembly, Governor Shaft (Replaces Yoke #150A236) Includes Yoke, Washer and Retaining Ring	1		1	1	1	1	1	1	1	1

- Y -

† - Engine Generators or Industrial Engines.

ASSEMBLY NUMBERS

[illegible]

ACCESSORY SECTION

DRP SERIES

93

FUEL TRANSFER PUMP PARTS

PART NUMBER	DESCRIPTION	ASSEMBLY NUMBERS									
		149C162	149C478	149C622	149D711						
149A710	Arm and Link Set, Rocker (Sold only as a set)	1	1	1	1						
▲	Body, Upper or Lower - Not Sold Separately	x	x	x	x						
149A582	*Diaphragm Assembly (Replaces either Diaphragm #149A97 or #149A370)	1	1	1	1						
149A3	*Gasket, Pump Mtg. (Not included in Pump Assy.)	1	1	1	1						
149A95	*Gasket, Valve	2	2	2	2						
149A159	*Gasket, Valve Retainer Spacer	2	2								
149A551	Lever, Hand Primer (Not sold separately for Blaking Pumps)			1	1						
	Link, Rocker Arm (See Arm and Link Set)	x	x	x							
516A113	Pin, Rocker Arm (Replaces Pin #516A25)	1	1	1	1						
149C162	▲ Pump Assembly, Fuel Transfer (Blaking Mfr.)	×									
149C478	▲ Pump Assembly, Fuel Transfer (Blaking Mfr.)		×								
149C622	▲ Pump Assembly, Fuel Transfer (ONAN Mfr.)			×							
149D711	Pump Assy., Fuel Transfer (ONAN Mfr.) Improved design - Replaces any previously used pump				×						
149K526	Repair Parts Kit, Fuel Transfer Pump - Includes parts marked (*)	1	1	1	1						
149A539	Retainer, Valve Cage (Replaces #149A84)	1	1	1	1						
518-129	Ring, Retainer - Hand Primer Lever			1	1						
815-105	Screw, Body Assembly	4	4								
815-148	Screw, Body Assembly			4	4						
815-147	Screw, Valve Retainer			2	2						
814-62	Screw, Valve Retainer	2	2								
509-65	Seal, Primer Lever "O" Ring			2	2						
149A621	*Spring, Diaphragm (Replaces #149A93)	1	1	1	1						
149A404	Spring, Primer Lever			1	1						
149A675	*Spring, Rocker Arm (Replaces #149A94)	1	1	1	1						
149A96	*Valve and Cage	2	2	2	2						
149-239	Washer, Lock - Body Assembly Screw	4	4								

▲ = For Complete Assembly, Use Pump #149D711.

ASSEMBLY NUMBERS

[illegible]

DRP SERIES

95

STARTER PARTS

ASSEMBLY NUMBERS

[illegible]

ASSEMBLY NUMBERS

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DRP SERIES

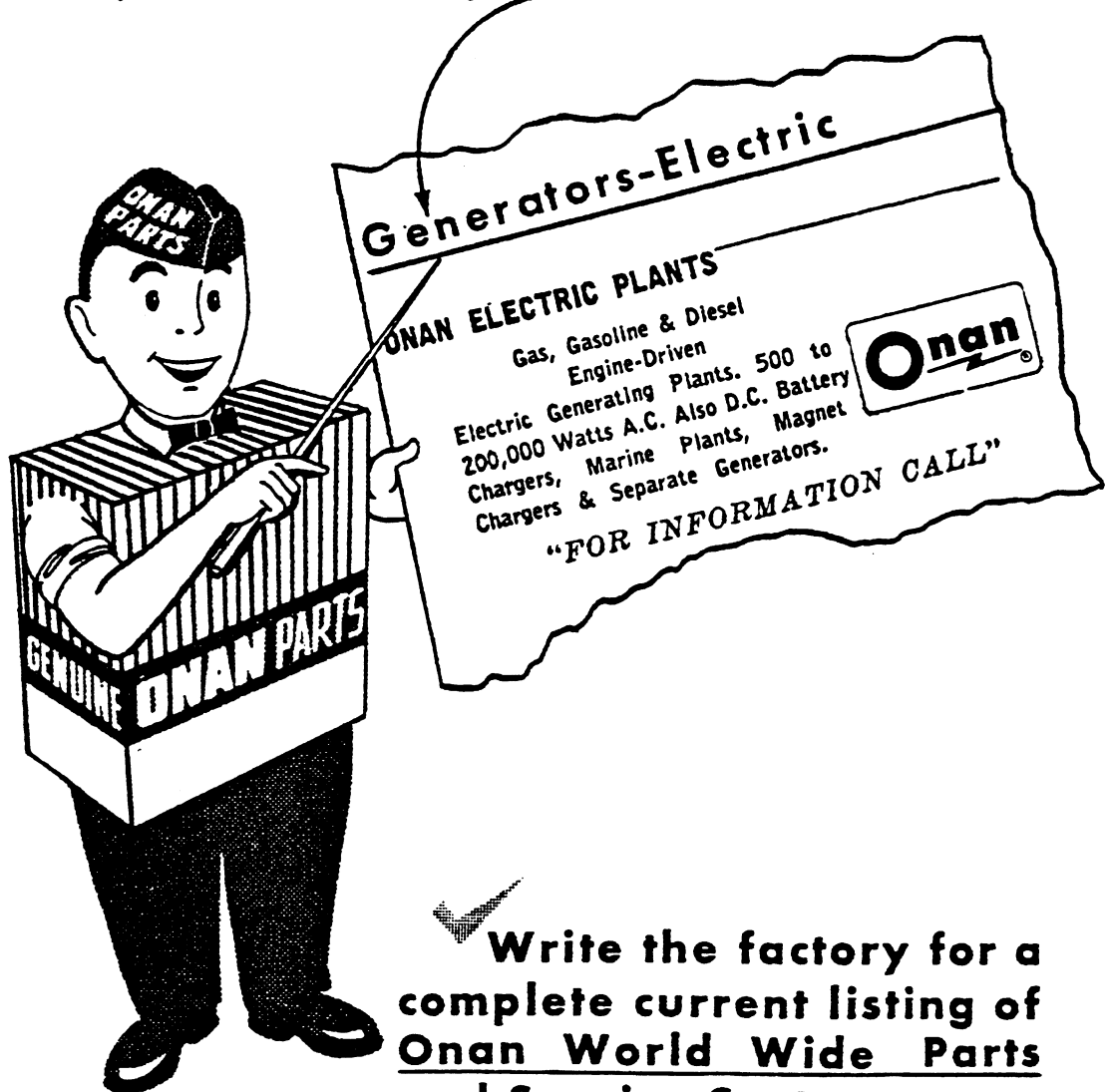
ASSEMBLY NUMBERS	
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L LEVEL REGULATION
(OPTIONAL EQUIPMENT ON ALL MODELS)

▲ = For Complete Assembly, Use Kit #123K454.
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1/16/63

For Genuine Onan Parts and Service, see your Onan Parts and Service Center. In most major cities they are listed in the classified section of the telephone directory. See Generators-Electric.



✓ Write the factory for a complete current listing of Onan World Wide Parts and Service Centers.