

Atomic 4 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Thermostat - 140 "Dole" (Ser.# 0 up to 79476)	275965	Valve Spring - Quantity 8	295665
Thermostat - 140 Holley (1967 and up. Ser.# 079476 and up)	262278	Valve Retainer - Quantity 8	261080
Impeller Kit -"Old Sherwood" (7 end cover screws) (1962-1965)	262285	Valve Guide(Std) - Quantity 8	261030
Impeller Gasket - for above part no. 262285	287456	Tappett - Quantity 8	261243
Impeller Kit -"Oberdorfer" Impeller kit with gasket (Late 1969)	200209	Head Gasket	200452
Impeller Kit - "Belt Driven Sherwood" Impeller kit with Gasket	200208	Pistons Standard - Quantity 4	260999
Impeller Kit - "Jabsco" Pump #17120-0001	6303-0001	Pistons +010 Quantity 4	262197
Points - Prestolite 1948-1969	262283	Pistons +020 - Quantity 4	262198
Cap - Prestolite 1948-1969	262281	Pistons +030 - Quantity 4	262199
Rotor -Prestolite 1948-1969	262284	Ring Set Standard	287761
Condenser - Prestolite 1948-1969	262282	Ring Set 0.010	287873
Points - Delco 1969 and up	288701	Ring Set 0.020	287874
Cap - Delco 1969 and up	288699	Ring Set 0.030	287875
Rotor - Delco 1969 and up	288702	Connecting Rod Bearing – Standard	287756
Condenser - Delco 1969 and up	288700	Connecting Rod Bearing - 0.010	287842
Wire Set – Prestolite	277051	Connecting Rod Bearing - 0.020	287843
Wire Set – Delco	295149	Connecting Rod Bearing - 0.030	287844
Spark Plugs - Quantity 4	273276	Exhaust Gasket Mounting	261050
Main Bearing Set - Standard	287753	Exhaust Flange Gasket	260459
Main Bearing Set - 0.010	287833	Oil Pan Gasket	261048
Main Bearing Set - 0.020	287834	Fuel Pump (Electric Replacement Kit)	299250
Main Bearing Set - 0.030	287835	Carburetor Kit - (for 261093 Zenith up to 1969)	290241
Cam Bearing - Quantity 2 (NOTE: Must be Reamed)	261024	Carburetor Kit - (for 288482 Bendix after 1969)	290629
Cam Bearing - Quantity 1 (NOTE: Must be Reamed)	261025	Paint "Copper"	285193
Intake Valve - Quantity 4	295623	Paint "Tan"	302889
Exhaust Valve - Quantity 4	295624		

M 12 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	301073	Pump, Fresh Water	301336
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	300802	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	301245	Pump, Sea Water (E)	302648
Filter, Lube Oil	300209	Pump Mounting Gasket (E)	302678
Filter, Fuel Oil	298854	Pump, Impeller (E)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	301120	Pump, Seal (E)	302885
Gasket, Oil Pan	301209	Pump Conversion Kit	
Gasket Set, Upper	256840	(includes pump)	302835
Gasket Set, Complete	256841	Pump Conversion Kit.	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	296586	Shim, Cylinder Heed	N/A
Heat Exchanger (B)	298633	Spare Parts Kit A	256910
Heat Exchanger End Cap	299838	Spare Parts Kit B	256829
Heat Exchanger Gasket (C)	299838	Starter	301295
Injector	301109	Starter Solenoid	301933
Injection Pump	301121	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (D)	Note	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	301239
Manuals, Parts	200137	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	301203	Zinc (F)	301069

NOTES:

(A) Qty. (2) exhaust manifold gaskets required per engine

(B) The heat exchanger is 2 inches in diameter.

(C) Heat exchanger end cap, gasket, and bolt are P/N 299838.

(D) Injector return line consists of: (1) 299831, (1) 301298, (1) 301299.

(E) New style Sherwood pump does not have an end cover plate.

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(F) Zinc size is 1/8 NPT X 1-7/8" long X 3/16 diameter.

M2-12 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	302084	Pump, Fresh Water	301336
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	300802	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	301245	Pump, Sea Water (E)	302648
Filter, Lube Oil	300209	Pump Mounting Gasket (E)	302678
Filter, Fuel Oil	298854	Pump, Impeller (E)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302791	Pump, Seal (E)	302885
Gasket, Oil Pan	301209	Pump Conversion Kit	
Gasket Set, Upper	256840	(includes pump)	302835
Gasket Set, Complete	256841	Pump Conversion Kit.	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	296586	Shim, Cylinder Heed	N/A
Heat Exchanger (B)	298633	Spare Parts Kit A	256910
Heat Exchanger End Cap	299838	Spare Parts Kit B	256829
Heat Exchanger Gasket (C)	299838	Starter	301295
Injector	302735	Starter Solenoid	301933
Injection Pump	302795	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (D)	Note	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	301239
Manuals, Parts	200137	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	301203	Zinc(F)	301069

NOTES:

(A)Qty. (2) exhaust manifold gaskets required per engine.

(B) The heat exchanger is 2 inches in diameter

(C) Heat exchanger end cap, gasket, and bolt are P/N 299838

(D) Injector return line consists of: (1) 299831,(1) 301298,(1) 301299

(E) New style Sherwood Pump - Does not have an end cover plate

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(F) Zinc size is 1/8 NPT X 1-7/8" long X 3/16 diameter

M15/5411 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	299750	Oil Pressure Switch	298663
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	299036	Pump, Fresh Water (A)	N/A
Dipstick	299377	Pump, Mounting Gasket	N/A
Exhaust Manifold	300418	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket	299435	Pump, Sea Water (C)	302648
Fliter, Lube Oil	299381	Pump, Mounting Gasket (C)	302678
Filter, Fuel Oil	298854	Pump, Impeller (C)	302875
Filter, Electric Lift	N/A	Pump, Repair Kit	N/A
Gasket, Head	299392	Pump, Seal (C)	302885
Gasket, Oil Pan	299367	Pump Conversion Kit	
Gasket Set, Upper	256760	(Includes pump)	302837
Gasket Set, Complete	256735	Pump Conversion Kit	
Glow Plug	299685	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	N/A
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift (D)	299425
Harness, Engine	298586	Shim, Cylinder Head	299393
Heat Exchanger	N/A	Spare Parts Kit A	256811
Heat Exchanger End Cap (A)	N/A	Spare Parts Kit B	256748
Heat Exchanger Gasket	N/A	Starter	299512
Injector (B)	Note	Starter Solenoid (E)	Note (E)
Injection Pump	299525	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	299520	Thermostat Element	275965
Isolators	300514	Thermostat Element Gasket	261144
Ignition Switch	300671	Thermostat MTG Gasket	299048
Manuals, Operators	200157	Valve Cover Gasket	299456
Manuals, Parts	200138	Water Temp Meter	300670
Manuals, Technical	200151	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299405	Zinc (A)	N/A

NOTES:

(A) No fresh water system on this model.

(B) (1) 298787 & (1) 298788 injectors used per engine.

(C) New style Sherwood pump - no end cover plate

(D) New style Sherwood pump - does not have an end cover plate.

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(E) P/N 300538 with studs or P/N 299771 with screws

M18 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	299750	Oil Pressure Switch	298663
Air Filter Element	N/A	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	300817	Pump, Fresh Water	300203
Dipstick	299377	Pump, Mounting Gasket	300204
Exhaust Manifold	301013	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket	299435	Pump, Sea Water (C)	302648
Filter, Lube Oil	300209	Pump Mounting Gasket (C)	302678
Filter, Fuel Oil	298854	Pump Impeller	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	301118	Pump, Seal (C)	302885
Gasket, Oil Pan	299367	Pump Conversion Kit	
Gasket Set, Upper	256837	(Includes pump)	302837
Gasket Set, Complete	256838	Pump Conversion Kit	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	N/A
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	301119
Heat Exchanger (A)	Note (A)	Spare Parts Kit A	256911
Heat Exchanger End Cap	299838	Spare Parts Kit B	256830
Heat Exchanger Gasket	299838	Starter	299512
Injector (B)	Note (B)	Starter Solenoid	Note (D)
Injection Pump	299525	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	299520	Thermostat Element	301358
Isolators	300514	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	299456
Manuals, Parts	200139	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299405	Zinc	301069

Notes:

(A) P/N 298663 is the older style exchanger and 299049 is latest style (2")

(B) Qty - (1) 298787 and Qty - (1) P/N 298788 used per engine

(C) New style Sherwood pump - no end cover plate

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(D) P/N 300538 with studs or P/N 299771 with screws.

M-20/5416 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	298548	Oil Pressure Switch	298663
Air Filter Element	N/A	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	200402	Pump, Fresh Water	298845
Dipstick	300723	Pump, Mounting Gasket	298846
Exhaust Manifold	298595	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (F)	Note (F)	Pump, Sea Water(D)	302648
Filter, Lube Oil	299381	Pump Mounting Gasket(D)	302678
Filter, Fuel Oil	298854	Pump, Impeller(D)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	298672	Pump, Seal (D)	302885
Gasket, Oil Pan	298652	Pump Conversion Kit	
Gasket Set, Upper	256761	(Includes pump)	302837
Gasket Set, Complete	256736	Pump Conversion Kit	
Glow Plug	298795	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	N/A
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	299736
Harness, Engine	298586	Shim, Cylinder Head	298673
Heat Exchanger (A)	298633	Spare Parts Kit A	256748
Heat Exchanger End Cap (B)	299838	Spare Parts Kit B	298904
Heat Exchanger Gasket (B)	299838	Starter	298783
Injector (E)	Note (E)	Starter Solenoid	N/A
Injection Pump	298798	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	298784	Thermostat Element	299798
Isolators	298232	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	298843
Manuals, Operators	200157	Valve Cover Gasket	298725
Manuals, Parts	200140	Water Temp Meter	300670
Manuals, Technical	200152	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	298761	Zinc	301069

NOTES:

(A) P/N 298633 is a 2" diameter heat exchanger.

(B) P/N 299838 consists of end cap, gasket, & bolt.

(C) P/N 298845 is old style fresh water pump.

New style pump - P/N 300647 and mtg. gasket is 300047

(D) New style Sherwood pump - no end cover plate

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(E) (1) 298787 & Qty (1) 298788 injectors used per engine.

(F) (1) 298707 & Qty (1) 298708 used per engine.

M-20/5416 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	300429	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	302084	Pump, Fresh Water	301336
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	302400	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	302759	Pump, Sea Water	302648
Filter, Lube Oil	300209	Pump Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller	302875
Filter1 Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302765	Pump, Seal	302885
Gasket, Oil Pan	302762	Pump Conversion Kit	
Gasket Set, Upper	256950	(Includes pump)	302835
Gasket Set, Complete	256951	Pump Conversion Kit	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	N/A
Heat Exchanger	303145	Spare Parts Kit A	256947
Heat Exchanger End Cap	301457	Spare Parts Kit B	256945
Heat Exchanger Gasket	301457	Starter	301295
Injector	302735	Starter Solenoid	301933
Injection Pump	302779	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (B)	Note (B)	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	302767
Manuals, Parts	200141	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	301203	Zinc	301068

NOTES:

(A) Requires (3) of P/N 300128 per Engine

(B) Injector return line is comprised of (1) 302777 & (1) 301299

M3-20 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	300429	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	302084	Pump, Fresh Water	301336
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	302400	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	302759	Pump, Sea Water	302648
Filter, Lube Oil	300209	Pump Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller	302875
Filter1 Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302765	Pump, Seal	302885
Gasket, Oil Pan	302762	Pump Conversion Kit	
Gasket Set, Upper	256950	(Includes pump)	302835
Gasket Set, Complete	256951	Pump Conversion Kit	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	N/A
Heat Exchanger	303145	Spare Parts Kit A	256947
Heat Exchanger End Cap	301457	Spare Parts Kit B	256945
Heat Exchanger Gasket	301457	Starter	301295
Injector	302735	Starter Solenoid	301933
Injection Pump	302779	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (B)	Note (B)	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	302767
Manuals, Parts	200141	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	301203	Zinc	301068

NOTES:

(A) Requires (3) of P/N 300128 per Engine

(B) Injector return line is comprised of (1) 302777 & (1) 301299

M3-20A Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	300429	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	302084	Pump, Fresh Water	302756
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	302400	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	302759	Pump, Sea Water	302648
Filter, Lube Oil	300209	Pump Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302765	Pump, Seal	302885
Gasket, Oil Pan	302762	Pump Conversion Kit	
Gasket Set, Upper	256950	(Includes pump)	302835
Gasket Set, Complete	256951	Pump Conversion Kit	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	N/A
Heat Exchanger	303145	Spare Parts Kit A	256947
Heat Exchanger End Cap	301457	Spare Parts Kit B	256945
Heat Exchanger Gasket	301457	Starter	301295
Injector	302735	Starter Solenoid	301933
Injection Pump	302779	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (B)	Note (B)	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	302767
Manuals, Parts	200141	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	301203	Zinc	301068

NOTES:

(A) Requires (3) of P/N 300128 per Engine

(B) Injector return line is comprised of (1) 302777 & (1) 301299

M3-20B Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	37323
Air Filter Element	300429	Panel, Captain	200362
Alternator	42848	Panel, Admiral	200350
Ammeter	N/A	Panel, Custom	N/A
Belt	301965	Pump, Fresh Water	301336
Dipstick	200599	Pump, Mounting Gasket	301340
Exhaust Manifold	302400	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket	302785	Pump, Sea Water	42175
Filter, Lube Oil	300209	Pump Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller	302875
Filter1 Electric Lift	300128	Pump, Seal	302885
Gasket, Head	200613	Pump, Fuel Lift	301385
Gasket, Oil Pan	302762	PTO Pulley Kit	303068
Gasket Set, Upper	201013	Shim, Cylinder Head	N/A
Gasket Set, Complete	201014	Spare Parts Kit A	201011
Glow Plug	200595	Spare Parts Kit B	201012
Harness, 5 FT. EXT.	30760-5	Starter	299512
Harness, 15 FT. EXT.	30760	Starter Solenoid	300538
Harness, Engine	200260	Tachometer	36590
Heat Exchanger	303145	Tachometer with Hour Meter	11917
Heat Exchanger End Cap	22850	Tank, Coolant Recovery	24977
Heat Exchanger Gasket	22851	Thermostat Element	301358
Injector	200571	Thermostat Gasket	300237
Injection Pump	200572	Valve Cover Gasket	200602
Injection Hardware Kit	201016	Voltmeter	37602
Injector Nozzle	200591	Water Temp Meter	37601
Injector Return Line	301299	Water Temp Sender	35109
Isolators	40510	Water Temp Switch	30125
Ignition Switch	33693	Water Injected Elbow 45 Degree	300237
Manuals, Operators	200550	Water Injected Elbow 90 Degree	200385
Manuals, Parts	201009	Zinc	11885
Manuals, Technical	200562		
Oil Drain Washer Kit	37454		
Oil Pump	301203		

M-25/5421 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	302181	Oil Pressure Switch	299964
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Bell	300805	Pump, Fresh Water	300203
Dipstick	300134	Pump, Mounting Gasket	300204
Exhaust Manifold	301014	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	299435	Pump, Sea Water (E)	302648
Filter, Lube Oil	300209	Pump Mounting Gasket (E)	302678
Filter, Fuel Oil	298854	Pump, Impeller (E)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	300141	Pump, Seal (E)	302885
Gasket, Oil Pan	300132	Pump Conversion Kit	
Gasket Set, Upper	256836	(includes pump)	302837
Gasket Set, Complete	256808	Pump Conversion Kit	
Glow Plug	299685	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit (F)	302159
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	300142
Heat Exchanger (B)	299049	Spare Parts Kit A	256912
Heat Exchanger End Cap (C)	299838	Spare Parts Kit B	256802
Heat Exchanger Gasket	299838	Starter	299512
injector (D)	Note (D)	Starter Solenoid (G)	Note (G)
Injection Pump	300191	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	302923	Thermostat Element(H)	301358
isolators	300514	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	300158
Manuals, Parts	200142	Water Temp Meter	300670
Manuals, Technical	200151	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299405	Zinc(I)	301069

NOTES:

- (A) Qty (3) exhaust manifold gaskets required per engine.
- (B) 299049 is 2" diameter X 16" long
- (C) 299838 consists of end cap, gasket, & bolt
- (D) Qty (1) 298787 & Qty (2) 298788 injectors are used per engine.
- (E) New style Sherwood pump - no end cover plate
Old style Sherwood Pump has six (6) end cover screws
Oberdorfer Pump has four (4) end cover screws
- (F) This is pulley only. Also required are Qty (3) cap screws P/N 302046.
- (G) P/N 300538 with studs or P/N 299771 with screws.
- (H) Thermostat is 160 degree
- (I) 301069 zinc is used on 2" diameter heat exchangers

M-25XP Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	302181	Oil Pressure Switch	299964
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	300817	Pump, Fresh Water	300203
Dipstick	300134	Pump, Mounting Gasket	300204
Exhaust Manifold	301014	Pump, Rebuild Kit	
Exhaust Manifold Gasket (A)	299435	Pump, Sea Water (E)	302648
Filter, Lube Oil	300209	Pump Mounting Gasket (E)	302678
Filter, Fuel Oil	298854	Pump, Impeller (E)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302184	Pump, Seal (E)	302885
Gasket, Oil Pan	300132	Pump Conversion Kit	
Gasket Set, Upper	256921	(includes pump)	302837
Gasket Set, Complete	256930	Pump Conversion Kit	
Glow Plug	299685	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit (F)	302159
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	302185
Heat Exchanger (B)	Note (B)	Spare Parts Kit A	256912
Heat Exchanger End Cap (C)	Note (C)	Spare Parts Kit B	256802
Heat Exchanger Gasket (C)	Note (C)	Starter	299512
injector (D)	Note (D)	Starter Solenoid (G)	Note (G)
Injection Pump	300191	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	302923	Thermostat Element (H)	301358
isolators	300514	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	300158
Manuals, Parts	200142	Water Temp Meter	300670
Manuals, Technical	200151	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299405	Zinc (I)	301069

NOTES:

(A) Qty (3) exhaust manifold gaskets required per engine.

(B) 299049 is 2" diameter X 16" long

(C) #299838 End Plate Kit For 2" Diameter Heat Exchanger

301457 End Plate Kit For 3" Diameter Heat Exchanger

(D) Qty (1) 298787 & Qty (2) 298788 injectors are used per engine

(E) New style Sherwood pump - no end cover plate

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

This is pulley only. Also required are qty (3) cap screws P/N 302046

(G) P/N 300538 with studs or P/N 299771 with screws.

Thermostat is 160 degree

(I) 301069 zinc is used on 2" diameter on heat exchangers

M-25XPB Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Alternator	41017	Panel, Instrument-Captain	200362
Belt, Sea Water Pump	N/A	Panel, Instrument-Admiral	200350
Belt, STD Alternator	30475	Pump, Fresh Water	200820
Circuit Breaker	24683	Pump, Mounting Gasket	200857
Dipstick	200901	Pump, Rebuild Kit	None
Filter, Air	302181	Pump, Sea Water	42175
Filter, Lube Oil	300209	Pump, Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller Kit	200175
Gasket, Head	200731	Pump, Repair Kit	
Gasket, Oil Pan	Silicone	Pump, Seal	302885
Gasket Set, Upper	201030	Pump, Fuel Lift	39275
Gasket Set, Complete	201029	Remote Lube Oil Filter	40078
Glowplug	200595	Silencer, Air Intake	302181
Harness 15 FT. EXT 8 Pin	30760	Solenoid, Preheat	24639
Harness 15 FT. EXT 4 Pin	36557	Spare Parts Kit A	200522
Heat Exchanger	201027	Spare Parts Kit B	201038
Heat Exchanger End Cap	22850	Starter Motor	200948
Heat Exchanger Gasket	22851	Starter Solenoid	N/A
Injector	200701	Tachometer, Admiral Panel	39826
Injection Pump	200698	Tachometer, Captain Panel	36590
Injection Hardware Kit	201016	Tank, Coolant Recovery	24977
Injector Nozzle	200702	Thermostat	Note 1
Injector Return Line	200853	Thermostat Mounting Gasket	Note 2
Isolators, Front	40510	Valve Cover Gasket	200848
Isolators, Rear	40510	Voltmeter	35111
Key Switch	33693	Water Temperature Meter	35108
Manual, Operator	200494	Water Temperature Sender	35109
Manual, Parts List	201021	Water Temperature Switch	30125
Manual, Technical	200554	Water Injected Exhaust Elbow 45	200486
Oil Cooler	N/A	Water Injected Exhaust Elbow 90	200488
Oil Pressure Switch	37323	Water Injected Exhaust Riser	200490
Oil Pressure Meter	35110	Zinc	11885
Oil Pressure Sender	24132		

Note1: M-25XPB up to March 1998 (D803) use Thermostat 301358 After (D804) 201001

Note2: M-25XPB up to March 1998 (D803) use Gasket 300237 After (D804) 298843

M-30/5424 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	299750	Oil Pressure Switch	299964
Air Filter Element	N/A	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	204002	Pump, Fresh Water (D)	Note (D)
Dipstick (A)	Note (A)	Pump, Mounting Gasket (D)	Note (D)
Exhaust Manifold	299885	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (B)	Note (B)	Pump, Sea Water (E)	302648
Filter, Lube Oil	298852	Pump Mounting Gasket (E)	302678
Filter, Fuel Oil	298854	Pump, Impeller (E)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	298862	Pump, Seal(E)	302885
Gasket, Oil Pan	298859	Pump Conversion Kit	
Gasket Set, Upper	256762	(includes pump)	302837
Gasket Set, Complete	256737	Pump Conversion Kit	
Glow Plug	298795	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	N/A
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	298863
Heat Exchanger	299049	Spare Parts Kit A	298904
Heat Exchanger End Cap (G)	299838	Spare Parts Kit B	256942
Heat Exchanger Gasket	299838	Starter	Note (F)
Injector (C)	Note (C)	Starter Solenoid	N/A
Injection Pump	298878	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	299831	Thermostat Element	299798
Isolators	300583	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	298843
Manuals, Operators	200157	Valve Cover Gasket	299869
Manuals, Parts	200143	Water Temp Meter	300670
Manuals, Technical	200152	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	298872	Zinc	301068

NOTES:

(A) Old style - P/N 299861; New style - P/N 300723

(B) Use Qty (1) 298707 & Qty (2) 298708 exhaust manifold gaskets per engine.

(C) Qty (1) 298787 & Qty (2) 298788 injectors used per engine.

(D) Model 5424 uses P/N 300647 fresh water pump & P/N 300718 gasket

Model M-30 uses P/N 300041 fresh water pump & P/N 300047 gasket.

(E) New style Sherwood pump - does not have end cover plate.

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(F) Model 5424 & M-30 (Engine block series D-1101) Use P/N 298776 starter

Model M-30 (Engine block series D-1102) Use P/N 302886 starter.

(G) P/N 299838 consists of end cover plate, end cover gasket & bolt

M4-30 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	300429	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	302084	Pump, Fresh Water	302756
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	302398	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	302759	Pump, Sea Water	302648
Filter, Lube Oil	300209	Pump Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302691	Pump, Seal	302885
Gasket, Oil Pan	302686	Pump Conversion Kit	
Gasket Set, Upper	256948	(Includes pump)	302835
Gasket Set, Complete	256949	Pump Conversion Kit	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	N/A
Heat Exchanger	3032631	Spare Parts Kit A	256947
Heat Exchanger End Cap	301457	Spare Parts Kit B	256945
Heat Exchanger Gasket	301457	Starter	
Injector	302735	Starter Solenoid	N/A
Injection Pump	302740	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (B)	Note (B)	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	302706
Manuals, Parts	200144	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	302682	Zinc	301068

NOTES:

(A) Requires (4) of P/N 300128 per Engine

(B) Injector return line is comprised of (1) 302739,(1) 302734 &(1) 301299

M4-30A Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301926	Oil Pressure Switch	299964
Air Filter Element	300429	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	302084	Pump, Fresh Water	302756
Dipstick	301212	Pump, Mounting Gasket	301340
Exhaust Manifold	302398	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (A)	302759	Pump, Sea Water	302648
Filter, Lube Oil	300209	Pump Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller	302875
Filter1 Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302691	Pump, Seal	302885
Gasket, Oil Pan	302686	Pump Conversion Kit	
Gasket Set, Upper	256948	(Includes pump)	302835
Gasket Set, Complete	256949	Pump Conversion Kit	
Glow Plug	301754	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit	303068
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	N/A
Heat Exchanger	3032631	Spare Parts Kit A	256947
Heat Exchanger End Cap	301457	Spare Parts Kit B	256945
Heat Exchanger Gasket	301457	Starter	302474
Injector	302735	Starter Solenoid	N/A
Injection Pump	302740	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line (B)	Note (B)	Thermostat Element	301358
Isolators	300974	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	302706
Manuals, Parts	200144	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	302682	Zinc	301068

NOTES:

(A) Requires (4) of P/N 300128 per Engine

(B) Injector return line is comprised of (1) 302739,(1) 302734 &(1) 301299

M-35 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301138	Oil Pressure Switch	299964
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	300817	Pump, Fresh Water	302503
Dipstick	302432	Pump, Mounting Gasket	300204
Exhaust Manifold	302092	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket	302506	Pump, Sea Water (C)	302648
Filter, Lube Oil	300209	Pump Mounting Gasket (C)	302678
Filter, Fuel Oil	298854	Pump, Impeller (C)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	302442	Pump, Seal	302885
Gasket, Oil Pan	302431	Pump Conversion Kit	
Gasket Set, Upper	256931	(Includes pump)	302837
Gasket Set, Complete	256932	Pump Conversion Kit	
Glow Plug	301754	(Excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit (D)	302159
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	302443
Heat Exchanger (A)	302253	Spare Parts Kit A	256913
Heat Exchanger End Cap (B)	301457	Spare Parts Kit B	256902
Heat Exchanger Gasket	301457	Starter	302474
Injector	302475	Starter Solenoid	N/A
Injection Pump	302494	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line	Note (F)	Thermostat Element	301358
Isolators	300514	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	300237
Manuals, Operators	200157	Valve Cover Gasket	302450
Manuals, Parts	200145	Water Temp Meter	300670
Manuals, Technical	200155	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299405	Zinc (E)	301068

NOTES:

(A) 302253 exchanger - 3" diameter; sits on bracket & mounted with clamps.

302631 exchanger is latest style - 3" diameter; clamps are attached to exchanger for mounting

(B) P/N 301457 consists of gasket, end cap, & bolt.

(C) New style Sherwood pump - does not have end cover plate.

Old style Sherwood Pump has six (6) end cover screws

Johnson Pump has four (6) end cover screws

(D) This is pulley only. Also required are (3) 302046 cap screws.

(E) 301068 for 3" diameter exchanger - 3/8 NPT X 1-1/2 X 1/2 diameter.

(F) Consult Parts Manual For Return Line Components.

M-35B Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Alternator	41017	Panel, Instrument-Captain	200362
Belt, Sea Water Pump	N/A	Panel, Instrument-Admiral	200350
Belt, STD Alternator	30475	Pump, Fresh Water	200820
Circuit Breaker	24683	Pump, Mounting Gasket	200857
Dipstick	200728	Pump, Rebuild Kit	None
Filter, Air	302181	Pump, Sea Water	42175
Filter, Lube Oil	300209	Pump, Mounting Gasket	302678
Filter, Fuel Oil	298854	Pump, Impeller Kit	200175
Gasket, Head	200867	Pump, Repair Kit	
Gasket, Oil Pan	Silicone	Pump, Seal	302885
Gasket Set, Upper	201034	Pump, Fuel Lift	39275
Gasket Set, Complete	201032	Remote Lube Oil Filter	32149
Glowplug	200595	Silencer, Air Intake	302181
Harness 15 FT. EXT 8 Pin	30760	Solenoid, Preheat	24639
Harness 15 FT. EXT 4 Pin	36557	Spare Parts Kit A	200522
Heat Exchanger	201027	Spare Parts Kit B	201039
Heat Exchanger End Cap	22850	Starter Motor	200546
Heat Exchanger Gasket	22851	Starter Solenoid	N/A
Injector	200701	Tachometer, Admiral Panel	39826
Injection Pump	200715	Tachometer, Captain Panel	36590
Injection Hardware Kit	201016	Tank, Coolant Recovery	24977
Injector Nozzle	200702	Thermostat	Note 1
Injector Return Line	200879	Thermostat Mounting Gasket	Note 2
Isolators, Front	40510	Valve Cover Gasket	200766
Isolators, Rear	40510	Voltmeter	35111
Key Switch	33693	Water Temperature Meter	35108
Manual, Operator	200494	Water Temperature Sender	35109
Manual, Parts List	201021	Water Temperature Switch	30125
Manual, Technical	200554	Water Injected Exhaust Elbow 45	200486
Oil Cooler	N/A	Water Injected Exhaust Elbow 90	200488
Oil Pressure Switch	37323	Water Injected Exhaust Riser	200490
Oil Pressure Meter	35110	Zinc	11885
Oil Pressure Sender	24132		

Note1: M-35B up to March 1998 (D803) use Thermostat 301358 After (D804) 201001

Note2: M-35B up to March 1998 (D803) use Gasket 300237 After (D804) 298843

M-40/5432 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301139	Oil Pressure Switch	301206
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	239648	Pump, Fresh Water	Note (G)
Dipstick	299968	Pump, Mounting Gasket	Note (G)
Exhaust Manifold	299886	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket	302532	Pump, Sea Water (H)	302648
Filter, Lube Oil	Note (A)	Pump Mounting Gasket (H)	302678
Filter, Fuel Oil	298854	Pump, Impeller (H)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	299556	Pump, Seal (H)	302885
Gasket, Oil Pan	Note (B)	Pump Conversion Kit	
Gasket Set, Upper	256763	(includes pump)	302837
Gasket Set, Complete	256738	Pump Conversion Kit	
Glow Plug	300052	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit (I)	302201
Harness, 10 FT. EXT.	300675	Pump, Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	299557
Heat Exchanger	Note (C)	Spare Parts Kit A	256914
Heat Exchanger End Cap	299838	Spare Parts Kits B	256749
Heat Exchanger Gasket	299838	Starter	299574
Injector	299567	Starter Solenoid	N/A
Injection Pump	300731	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
Injector Nozzle	N/A	Tank, Coolant Recovery	300238
Injector Return Line	Note (D)	Thermostat Element	299798
Isolators	300583	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	298843
Manuals, Operators	200157	Valve Cover Gasket	300001
Manuals, Parts	Note (E)	Water Temp Meter	300670
Manuals, Technical	Note (F)	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299961	Zinc	Note (J)

NOTES:

(A) P/N 299584 oil filter used on model 5432 (Block series 1501) side mtd.

P/N 299927 oil filter used on M-40 (Block series 1502) straight out

(B) P/N 302652 is the sump gasket. P/N 299560 is sump cover gasket.

(C) P/N 299835 (3 X 13) used on model 5432. P/N 299049 used on M-40 (2X16)

(D) Injector return line consists of (1) 299831, (1) 302547 & (3) 298784.

(E) P/N 200146 parts list for M-40. P/N 200147 parts list for model 5432.

(F) P/N 200154 service manual for M-40 & 200153 service manual for 5432.

(G) Model 5432 use P/N 300647 fresh water pump & 300718 gasket.

(H) New style Sherwood pump - no end cover plate

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(I) Pulley only

(J) Use 301069 Zinc With 2" Heat Exchanger, 301068 With 3" Heat Exchanger

M-40B Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Alternator	41017	Panel, Instrument-Captain	200362
Belt, Sea Water Pump	N/A	Panel, Instrument-Admiral	200350
Belt, STD Alternator	30475	Pump, Fresh Water	200820
Circuit Breaker	24683	Pump, Mounting Gasket	200857
Dipstick	200728	Pump, Rebuild Kit	None
Filter, Air	302181	Pump, Sea Water	42175
Filter, Lube Oil	300209	Pump, Mounting Gasket	302678
Filter, Fuel Oil	<u>298854</u>	Pump, Impeller Kit	200175
Gasket, Head	<u>200910</u>	Pump, Repair Kit	
Gasket, Oil Pan	Silicone	Pump, Seal	302885
Gasket Set, Upper	<u>201035</u>	Pump, Fuel Lift	<u>39275</u>
Gasket Set, Complete	<u>201037</u>	Remote Lube Oil Filter	<u>32149</u>
Glowplug	<u>200595</u>	Silencer, Air Intake	<u>302181</u>
Harness 15 FT. EXT 8 Pin	<u>30760</u>	Solenoid, Preheat	<u>24639</u>
Harness 15 FT. EXT 4 Pin	<u>36557</u>	Spare Parts Kit A	<u>200522</u>
Heat Exchanger	<u>201027</u>	Spare Parts Kit B	<u>201040</u>
Heat Exchanger End Cap	22850	Starter Motor	<u>200546</u>
Heat Exchanger Gasket	<u>22851</u>	Starter Solenoid	N/A
Injector	200701	Tachometer, Admiral Panel	39826
Injection Pump	200715	Tachometer, Captain Panel	36590
Injection Hardware Kit	201016	Tank, Coolant Recovery	24977
Injector Nozzle	200702	Thermostat	Note 1
Injector Return Line	200879	Thermostat Mounting Gasket	Note 2
Isolators, Front	40510	Valve Cover Gasket	200766
Isolators, Rear	40510	Voltmeter	35111
Key Switch	33693	Water Temperature Meter	35108
Manual, Operator	200494	Water Temperature Sender	35109
Manual, Parts List	201021	Water Temperature Switch	30125
Manual, Technical	200554	Water Injected Exhaust Elbow 45	200486
Oil Cooler	N/A	Water Injected Exhaust Elbow 90	200488
Oil Pressure Switch	37323	Water Injected Exhaust Riser	200490
Oil Pressure Meter	35110	Zinc	11885
Oil Pressure Sender	24132		

Note1: M-40B up to March 1998 (D803) use Thermostat 301358 After (D804) 201001

Note2: M-40B up to March 1998 (D803) use Gasket 300237 After (D804) 298843

M-50/5444 Marine Diesel Engine Fast Moving Parts List

Description	Part #	Description	Part #
Air Filter	301139	Oil Pressure Switch	299964
Air Filter Element	301049	Panel, Standard	300680
Alternator	302280	Panel, Deluxe	300685
Ammeter	300668	Panel, Custom	300690
Belt	239648	Pump, Fresh Water	300041
Dipstick	299968	Pump, Mounting Gasket	300047
Exhaust Manifold	299886	Pump, Rebuild Kit	N/A
Exhaust Manifold Gasket (H)	298707	Pump, Sea Water (E)	302648
Filter, Lube Oil	299927	Pump Mounting Gasket(E)	302678
Filter, Fuel Oil	298854	Pump, Impeller (E)	302875
Filter, Electric Lift	300128	Pump, Repair Kit	N/A
Gasket, Head	299972	Pump, Seal (E)	302885
Gasket, Oil Pan (A)	Note (A)	Pump Conversion Kit	
Gasket Set, Upper	256835	(Includes pump)	302837
Gasket Set, Complete	256784	Pump Conversion Kit	
Glow Plug	300052	(excludes pump)	302838
Harness, 5 FT. EXT.	300708	PTO Pulley Kit (G)	302201
Harness, 10 FT. EXT.	300675	Pump. Fuel Lift	301385
Harness, Engine	298586	Shim, Cylinder Head	299973
Heat Exchanger (B)	Note (B)	Spare Parts Kit A	256915
Heat Exchanger End Cap (C)	Note (C)	Spare Parts Kit B	256774
Heat Exchanger Gasket	Note (C)	Starter	299574
Injector	299567	Starter Solenoid	N/A
Injection Pump	300731	Tachometer	300684
Injection Hardware Kit	N/A	Tachometer with Hour Meter	300687
injector Nozzle	301514	Tank, Coolant Recovery	300238
Injector Return Line (D)	Note (D)	Thermostat Element	299798
Isolators	300583	Thermostat Element Gasket	N/A
Ignition Switch	300671	Thermostat MTG Gasket	298843
Manuals, Operators	200157	Valve Cover Gasket	300001
Manuals, Parts	200149	Water Temp Meter	300670
Manuals, Technical	200154	Water Temp Sender	299066
Oil Drain Washer Kit	301431	Water Injected Elbow	N/A
Oil Pump	299961	Zinc	Note (F)

NOTES:

(A) P/N 299553 is the sump gasket and P/N 299560 is the sump cover gasket.

(B) P/N 299818 is old style 3" exchanger & 299049 is latest 2" exchanger.

(C) End cover gasket, plate and bolt on heat exchanger are same part no. 299838 for 2" diameter and 301457 for 3" diameter exchanger.

(D) Injector return line consists of (3) 298784, (1) 299831, & (1) 302547.

(E) New style Sherwood pump - no end cover plate

Old style Sherwood Pump has six (6) end cover screws

Oberdorfer Pump has four (4) end cover screws

(F) Use 301069 Zinc With 2" Heat Exchanger, 301068 With 3" Heat Exchanger.

(G) Pulley only

(H) (4) Required Per Engine