

# Be Prepared with a *Northern Lights* On-Board Spare Parts Kit

## Just in case...

Anyone who takes the sea seriously keeps a spare parts kit onboard – no matter how reliable their genset.

Northern Lights spares kits have always provided security at sea, but now they're even better.

When you buy one of the **Standard Spare Parts Kits** for Northern Lights 5 to 20 kW sets, a rugged non-corrosive black case is included free. This case is perfect for keeping the parts and manuals together and organized for when you really need them.

You'll be ready for both routine maintenance and many of the more common problems the tough marine environment can deliver.



Genset Model	Standard Kits		World Class Kits	
	Heat Exchanged	Keel Cooled	Heat Exchanged	Keel Cooled
M673LD2 M675LD3	38-08015	38-08016	38-08017	38-08018
M673D2 M673D3	38-08015	38-08016	38-08017	38-08018
M753W2	38-08205	38-08206	38-08207	38-08208
M773LW3 M773LW3	38-08605	38-08606	38-08607	38-08608
M843NW2 M843NW3	38-03120	38-03130	38-03125	38-03135
M844W2 M844W3	38-08120	38-08130	38-08125	38-08135
M844LW2 M844LW3	38-08420	38-08430	38-08425	38-08435
M843W M864W3	38-08700	38-08701	38-08702	38-08703
M944W M944W3	38-01200	38-01202	38-01201	38-01203

If you're heading to the farthest reaches of the world's waters, ask about our **World Class Spares Kits**. These kits include many more parts and are designed for the owner who goes on long range cruises.



[www.northern-lights.com](http://www.northern-lights.com)



# On-Board Spare Parts Kits for Marine Generator Sets

## Standard Spare Parts Kits

### M673LD2 and M673LD3

Heat Exchanged  
Kit #38-08015

*Free Case*

PART NO.	DESCRIPTION	QTY
24-08001	Oil Filter	4
24-52020	Fuel Filter	2
40-02002	Drive Belt	1
24-28003	Air Filter Element	1
145206062	Thermostat	1
25-12031	Water pump Cover O-Ring	2
135996731	Exhaust Manifold Gasket	1
25-12009	Impeller Kit w/Gasket	2

### M673L2 and M673L3

Heat Exchanged  
Kit #38-08015

*Free Case*

PART NO.	DESCRIPTION	QTY
24-08001	Oil Filter	4
24-52020	Fuel Filter	2
40-02002	Drive Belt	1
24-28003	Air Filter Element	1
145206062	Thermostat	1
25-12031	Water pump Cover O-Ring	2
135996731	Exhaust Manifold Gasket	1
25-12009	Impeller Kit w/Gasket	2

### M753W2

Heat Exchanged  
Kit #38-08205

*Free Case*

PART NO.	DESCRIPTION	QTY
24-02001	Oil Filter	4
24-52020	Fuel Filter	2
40-08601	Drive Belt	1
24-28602	Air Filter Element	1
145206022	Thermostat	1
111996420	Gasket, Rocker Arm Cover	1
25-12060	Impeller Kit w/ Gasket	2
25-12067	O-Ring, Raw Water Pump	2

## World Class Spare Parts Kits

### M673LD2 and M673LD3

Heat Exchanged  
Kit #38-08017

PART NO.	DESCRIPTION	QTY
24-08001	Oil Filter	4
24-52020	Fuel Filter	2
40-02002	Drive Belt	1
24-28003	Air Filter Element	1
145206062	Thermostat	1
25-12031	Water Pump Cover O-Ring	2
135996731	Exhaust Manifold Gasket	1
25-12009	Impeller Kit w/Gasket	2
131406480	Injector Assembly	3
185366220	Glow Plug 12V	3
195907370	Gasket Set	1
130506140	Fuel Lift Pump	1
130996130	Fuel Lift Pump Mtg. Gasket	1
25-12007	Raw Water Pump	1
052400400	O-Ring	1
22-68304	Brush & Holder Assembly	1
22-42047	Relay, SPDT 12V 50A	1
W673-2	Workshop Manual	1

### M673L2 and M673L3

Heat Exchanged  
Kit #38-08017

PART NO.	DESCRIPTION	QTY
24-08001	Oil Filter	4
24-52020	Fuel Filter	2
40-02002	Drive Belt	1
24-28003	Air Filter Element	1
145206062	Thermostat	1
25-12031	Water Pump Cover O-Ring	2
135996731	Exhaust Manifold Gasket	1
25-12009	Impeller Kit w/Gasket	2
131406480	Injector Assembly	3
185366220	Glow Plug 12V	3
195907370	Gasket Set	1
130506140	Fuel Lift Pump	1
130996130	Fuel Lift Pump Mtg. Gasket	1
25-12007	Raw Water Pump	1
052400400	O-Ring	1
22-68304	Brush & Holder Assembly	1
22-42047	Relay, SPDT 12V 50A	1
W673-2	Workshop Manual	1

### M753W2

Heat Exchanged  
Kit #38-08207

PART NO.	DESCRIPTION	QTY
24-02001	Oil Filter	4
24-52020	Fuel Filter	2
40-08601	Drive Belt	1
24-28602	Air Filter Element	1
145206022	Thermostat	1
111996420	Rocker Arm Cover Gasket	1
11-18602	Thermostat Cover Gasket	1
25-12060	Impeller Kit w/ Gasket	2
25-12067	O-Ring, Raw Water Pump	2
185366220	Glow Plug 12V	3
131406340	Injector	3
29-08201	Gasket Set	1
130506140	Fuel Lift Pump	1
130996130	Fuel Lift Pump Mtg. Gasket	1
25-12057	Raw Water Pump	1
16-13101	O-Ring	1
22-42047	Relay, SPDT 12V 50A	1
W753-2	Workshop Manual	1

**Kits for Keel Cooled sets do not include raw water pump parts.  
See Chart on front cover for Keel Cooled kit numbers.**

**Protect your equipment. Use only genuine Luggier/Northern Lights filters and replacement parts.**

**Note:** Kits do not include parts for custom or optional equipment.

Spares for custom and optional equipment should be specified and ordered separately.

## Standard Spare Parts Kits

### M773LW2 and M773LW3

**Heat Exchanged  
Kit #38-08605**

*Free Case*

PART NO.	DESCRIPTION	QTY
24-02100	Oil Filter	4
24-52020	Fuel Filter	2
40-08601	Drive Belt	1
24-28602	Air Filter Element	1
145206022	Thermostat	1
111996420	Gasket, Rocker Arm Cover	2
11-18602	Gasket, Thermostat Cover	1
25-12060	Impeller Kit w/ Gasket	2
25-12067	O-Ring, Raw Water Pump Cover	2

### M843NW2 and M843NW3

**Heat Exchanged  
Kit #38-03120**

*Free Case*

PART NO.	DESCRIPTION	QTY
24-03100	Oil Filter	4
24-52020	Fuel Filter	2
40-02003	Drive Belt	1
24-22009	Air Filter Element	1
145206022	Thermostat	1
11-13101	Thermostat Cover Gasket	1
25-12060	Impeller w/ Gasket & O-Rings	2
25-12067	O-Ring, Raw Water Pump Cover	2

### M844W2 and M844W3

**Heat Exchanged  
Kit #38-08120**

*Free Case*

PART NO.	DESCRIPTION	QTY
24-03100	Oil Filter	4
24-52020	Fuel Filter	2
40-02003	Drive Belt	1
24-22009	Air Filter Element	1
145206022	Thermostat	1
111996401	Rocker Arm Cover Gasket	2
11-13101	Thermostat Cover Gasket	1
25-12060	Impeller w/ Gasket & O-Rings	2
25-12067	O-Ring, Raw Water Pump Cover	2

## World Class Spare Parts Kits

### M773LW2 and M773LW3

**Heat Exchanged  
Kit #38-08607**

PART NO.	DESCRIPTION	QTY
24-02100	Oil Filter	4
24-52020	Fuel Filter	2
40-08601	Drive Belt	1
24-28602	Air Filter Element	1
145206022	Thermostat	1
111996420	Rocker Arm Cover Gasket	2
11-18602	Thermostat Cover Gasket	1
25-12060	Impeller Kit w/ Gasket	2
25-12067	O-Ring, Raw Water Pump Cover	2
185366220	Glow Plug 12V	3
131406340	Injector	3
24-52020	Fuel Filter	2
29-08601	Gasket Kit	1
130506140	Fuel Lift Pump	1
130996130	Fuel Lift Pump Mtg. Gasket	1
25-12057	Raw Water Pump	1
16-13101	O-Ring	1
22-42047	Relay, SPDT 12V 50A	1
W773L-2	Workshop Manual	1

### M843NW2 and M843NW3

**Heat Exchanged  
Kit #38-03125**

PART NO.	DESCRIPTION	QTY
24-03100	Oil Filter	4
24-52020	Fuel Filter	2
40-02003	Drive Belt	1
24-22009	Air Filter Element	1
145206022	Thermostat	1
111996410	Rocker Arm Cover Gasket	2
11-13101	Thermostat Cover Gasket	1
25-12060	Impeller w/ Gasket & O-Rings	2
25-12067	O-Ring, Raw Water Pump Cover	2
131406360	Injector	3
185366060	Glow Plug	3
29-03101	Gasket Set	1
130506140	Fuel Lift Pump	1
130996130	Fuel Lift Pump Mtg. Gasket	1
25-12057	Raw Water Pump	1
16-13101	O-Ring	1
22-42047	Relay, SPDT 12V 50A	1
W843-2	Workshop Manual	1

### M844W2 and M844W3

**Heat Exchanged  
Kit #38-08125**

PART NO.	DESCRIPTION	QTY
24-03100	Oil Filter	4
24-52020	Fuel Filter	2
40-02003	Drive Belt	1
24-22009	Air Filter Element	1
145206022	Thermostat	1
111996401	Rocker Arm Cover Gasket	2
11-13101	Thermostat Cover Gasket	1
25-12060	Impeller w/ Gasket & O-Rings	2
25-12067	O-Ring, Raw Water Pump Cover	2
131406360	Injector	4
185366060	Glow Plug 12V	4
29-08101	Gasket Set	1
130506140	Fuel Lift Pump	1
130996130	Fuel Lift Pump Mtg. Gasket	1
25-12057	Raw Water Pump	1
16-13101	O-Ring	1
22-42047	Relay, SPDT 12V 50A	1
W844-2	Workshop Manual	1

**Kits for Keel Cooled sets do not include raw water pump parts.  
See Chart on front cover for Keel Cooled kit numbers.**

**Protect your equipment. Use only genuine Luggier/Northern Lights filters and replacement parts.**

**Note:** Kits do not include parts for custom or optional equipment.

Spares for custom and optional equipment should be specified and ordered separately.

## Standard Spare Parts Kits

### M844LW2 and M844LW3

### M864W and M864W3

### M944W and M944W3

**Heat Exchanged  
Kit #38-08420**

*Free Case*

**Heat Exchanged  
Kit #38-08700**

*Free Case*

**Heat Exchanged  
Kit #38-01200**

*Free Case*

PART NO.	DESCRIPTION	QTY
24-03100	Oil Filter	4
24-52020	Fuel Filter	2
40-08401	Drive Belt	1
24-22009	Air Filter Element	1
145206022	Thermostat	1
111996401	Gasket, Rocker Arm Cover	2
11-13101	Thermostat Cover Gasket	1
25-12060	Impeller w/ Gasket & O-Rings	2
25-12067	O-Ring, Raw Water Pump Cover	2

PART NO.	DESCRIPTION	QTY
24-08701	Oil Filter	4
24-52020	Fuel Filter	2
40-08704	Drive Belt	1
24-28701	Air Filter Element	1
35-11000	Thermostat	1
11-10015	Thermostat Seal Ring	1
112137820071	Gasket, Rocker Arm Cover	1
25-12060	Impeller	2
25-12067	O-Ring, Raw Water Pump Cover	2

PART NO.	DESCRIPTION	QTY
24-01201	Oil Filter	4
24-51201	Fuel Filter	2
40-05404	Drive Belt	1
24-21202	Air Filter Element	1
35-11000	Thermostat	1
11-10015	Thermostat Seal Ring	1
32A0413200	Gasket, Rocker Arm Cover	2
25-11011	Impeller	2
21-12010	Zinc Anode	4

## World Class Spare Parts Kits

### M844LW2 and M844LW3

### M864W and M864W3

### M944W and M944W3

**Heat Exchanged  
Kit #38-08425**

**Heat Exchanged  
Kit #38-08702**

**Heat Exchanged  
Kit #38-01201**

PART NO.	DESCRIPTION	QTY
24-03100	Oil Filter	4
24-52020	Fuel Filter	2
40-08401	Drive Belt	1
24-22009	Air Filter Element	1
145206022	Thermostat	1
111996401	Rocker Arm Cover Gasket	2
11-13101	Thermostat Cover Gasket	1
25-12060	Impeller w/ Gasket & O-Rings	2
25-12067	O-Ring, Raw Water Pump Cover	2
131406360	Injector	4
185366060	Glow Plug 12V	4
29-08401	Gasket Set	1
130506140	Fuel Lift Pump	1
130996070	Fuel Lift Pump Mtg. Gasket	1
25-12057	Raw Water Pump	1
16-13101	O-Ring	1
22-42047	Relay, SPDT 12V 50A	1
W844-2	Workshop Manual	1

PART NO.	DESCRIPTION	QTY
24-08701	Oil Filter	4
24-52020	Fuel Filter	2
40-08704	Drive Belt	1
24-28701	Air Filter Element	1
35-11000	Thermostat	1
11-10015	Thermostat Seal Ring	1
112137820071	Rocker Arm Cover Gasket	1
25-12060	Impeller	2
25-12067	O-Ring, Raw Water Pump Cover	2
236007820071	Fuel Injector	4
198507820071	Glow Plug	4
25-15405	Raw Water Pump	1
16-15401	O-Ring	1
22-42047	Relay SPDT 12VDC 50A	1
29-08700	M864 Gasket Kit	1
W864	Workshop Manual	1

PART NO.	DESCRIPTION	QTY
24-01201	Oil Filter	4
24-51201	Fuel Filter	2
40-05404	Drive Belt	1
24-21202	Air Filter Element	2
35-11000	Thermostat	1
11-10015	Thermostat Seal Ring	1
32A0413200	Rocker Arm Cover Gasket	2
25-11011	Impeller	2
21-12010	Zinc Anode	4
32C6106000	Fuel Injector	1
32A6603100	Glow Plug	1
25-11202	Raw Water Pump	1
25-19517	O-Ring	1
22-42047	Relay SPDT 12VDC 50A	1
29-01200	M944 Gasket Kit	1
W944	Workshop Manual	1



Order your *On Board Spare Parts Kit* through your local Northern Lights dealer.

## Raw Water Pump Rebuild Kits

Raw water pumps face the brunt of the hostile marine environment and often need to be rebuilt before other components on your Northern Lights. The Spare Parts Kit includes impellers and gaskets. In addition, it's a good idea to keep a Raw Water Pump Rebuild Kit on board. Kit includes impeller, gasket, face plate, bearings and seals.

Kit No.	Pump No.	Fits
25-12010	25-12007	M643D, M673L
25-12003	25-12057	M753W, M843NW
25-12004	25-12057	M773LW, M844W2, M844LW