

PART NUMBER		
24842		
SYMBOL	CHARACTERISTIC TYPE	Ppk/Cpk MIN
★ S	SIGNIFICANT	≥ 1.33
★ C	CRITICAL	≥ 1.67

This PDF file is actually for the 24842 kit but shows all the repair parts for the G-2610X pump.

15	26000	IMPELLER	1
14	25268	SEAL, LIP (C/W)	1
13	25105	IMPELLER PULLER 3/4" - 16	1
12	24840	SCREW 1/4-20 X 3/8, FLAT HD SHCS	2
11	24790	WEAR PLATE	1
10	24223	SHAFT/BEARING ASSEMBLY	1
9	24079	SLINGER	1
8	24074	COVER PLATE	1
7	24052	ORING	2
6	23837	MECHANICAL SEAL	1
5	19879	ORING	1
4	19867	RING RETAINING INTERNAL	1
3	19866	WASHER-SPACER	1
2	19762	RING RETAINING EXTERNAL	1
1	1720-0212	ORING	1
ITEM NO	PART NUMBER	DESCRIPTION	QTY.



**SHERWOOD**  
375 Fifth Avenue NW  
New Brighton, MN 55112  
(651) 766-6300

DRAWING BASED ON  
ASME Y14.5M-1994

THIRD ANGLE  
PROJECTION  
DO NOT SCALE PRINT  
SIZE  
**A**

REPLACES PART NO.: REV.

TOLERANCES (+ OR -)  
ANGLE: N/A °  
FRACTION: N/A  
DECIMAL .X: N/A  
DECIMAL .XX: N/A  
DECIMAL .XXX: N/A

SURFACE  
FINISH  
N/A  
MAX

UNLESS OTHERWISE SPECIFIED  
ALL DIMS. IN INCHES, DIMS. IN [ ] ARE IN MM

SCALE

**1:6**

DWG BY: **PEB** DATE: 1/27/2014

CHECKED BY: **JJH** DATE: 1/27/2014

APPROVED BY: **PEB** DATE: 1/27/2014

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C	12794	REDRAWN, 25628 WAS 19869	PEB	1/27/2014
REV.	ECN	REVISION DESCRIPTION	CHKD	DATE
REVISIONS				

MATERIAL  
**SEE BOM**

PART DESCRIPTION  
**KIT - MAJOR**

SHEET NUMBER  
**1 OF 1**

PART NUMBER  
**24842**

REV.  
**C**







## Assembly / Disassembly Instructions (continued)

# Assembly / Disassembly Instructions (continued)

	Sherwood #		G2603-01	G2603-02	G2603-03	G2603X	G2604-01	G2605-01
Item		QTY						
1	Cap Screw	3	19626	19626	19626	19626	19626	19626
2	Lockwasher	3/7	21573	21573	21573	21573	21573	21573
3	Cover Plate	1	24074	24074	24074	24074	24074	24074
4	O-Ring	1	19879	19879	19879	19879	19879	19879
5	Impeller	1	26000	26000	26000	26000	26000	26000
6	Cam Screw	1	19714	19714	19714	19714	19714	19714
7	O-Ring	1	19712	19712	19712	19712	19712	19712
8	Cam	1						
9	Wear Plate	1	24790	24790	24790	24790	24790	24790
10	Retaining Ring	1	19762	19762	19762	19762	19762	19762
11	Washer	1	19866	19866	19866	19866	19866	19866
12/16	Mechanical Seal Assy	1	23837	23837	23837	23837	23837	23837
13	Bolt	4	19708	19708	19708	19708	19708	19708
14	Body	1	24102	24102	24102	24102	24102	24102
15	Housing	1	24789	24789	24789	24789	24789	24789
17	Gear	1	24083	24083			24083	24083
18	Nut	1	24084	24084		24084	24084	24084
19	Retaining Ring	1	19867	19867	19867	19867	19867	19867
20	Shaft and Bearing Assy	1	24223	24223	24223	24223	24223	24223
21	Lip Seal	1	19869	19869	19869	19869	19869	19869
22	O-Ring	1	1720-0212	1720-0212	1720-0212	1720-0212	1720-0212	1720-0212
23	Slinger	1	24079	24079	24079	24079	24079	24079
24	Port Elbow	1	24076				24132	24630
25	Bracket	1	24081		24081		24081	24081
26	Cap Screw	4	21484		21484		21484	21484
27	O-Ring	2	24052	24052	24052		24052	24052
28	Screw	2	24840	24840	24840	24840	24840	24840
	Minor Repair Kit		24841	24841	24841	24841	24841	24841
	Major Repair Kit		24842	24842	24842	24842	24842	24842

# Preventative Maintenance

*The #1 reason for premature engine wear is overheating. To maintain engine performance, insist upon genuine Sherwood impellers and service kits.*

Maintenance Schedule	Pleasure Boating (Low Hours)		Commercial/Fishing Use (High Hours)	
	Light Duty	Severe Duty (High RPM, Silt or Sand)	Heavy Duty	Severe Duty (High RPM, Silt or Sand)
Impeller Kit	Every year	6 months	6 months	3 months
Minor Kit	2 years	Every year	Every year	6 months
Major Kit	4 years	2 years	2 years	Every year

Impeller Kit 26000K	Minor Kit 24227	Minor Kit 24228	Minor Kit 24841	Minor Kit 24842
1-26000 Impeller	1-1710-0212 O-Ring	1-1710-0212 O-Ring	1-1710-0212 O-Ring	1-1710-0212 O-Ring
1-19879 O-Ring	1-19712 O-Ring	1-19712 O-Ring	1-19762 Snap Ring	1-19762 Snap Ring
	1-19714 Camscrew	1-19714 Camscrew	1-19866 Washer	1-19866 Washer
	1-19762 Snap Ring	1-19762 Snap Ring	1-19867 Snap Ring	1-19867 Snap Ring
	1-19866 Washer	1-19866 Washer	1-19879 O-Ring	1-19869 Lip Seal
	1-19867 Snap Ring	1-19867 Snap Ring	1-23631 Impeller Puller	1-19879 O-Ring
	1-19879 O-Ring	1-19869 Lip Seal	1-23837 Mech Seal	1-23631 Impeller Puller
	1-23631 Impeller Puller	1-19879 O-Ring	2-24052 O-Ring	1-23837 Mech Seal
	1-23837 Mech Seal	1-23631 Impeller Puller	1-24074 Cover Plate	2-24052 O-Ring
	2-24052 O-Ring	1-23837 Mech Seal	1-24790 Wear Plate	1-24074 Cover Plate
	1-24073 Wear Plate	2-24052 O-Ring	2-24840 Screw	1-24079 Slinger
	1-24074 Cover Plate	1-24073 Wear Plate	1-26000 Impeller	1-24223 Shaft/Brg Assy
	1-24075 Cam	1-24074 Cover Plate		1-24790 Wear Plate
	1-26000 Impeller	1-24075 Cam		2-24840 Screw
		1-24079 Slinger		1-26000 Impeller
		1-24223 Shaft/Brg Assy		
		1-26000 Impeller		

G2601-01	X	X	X	
G2601-02	X	X	X	
G2601-03	X	X	X	
G2601X	X	X	X	
G2602-01	X	X	X	
G2603-01	X			X
G2603-02	X			X
G2603-03	X			X
G2603X	X			X
G2604-01	X			X
G2605-01	X			X

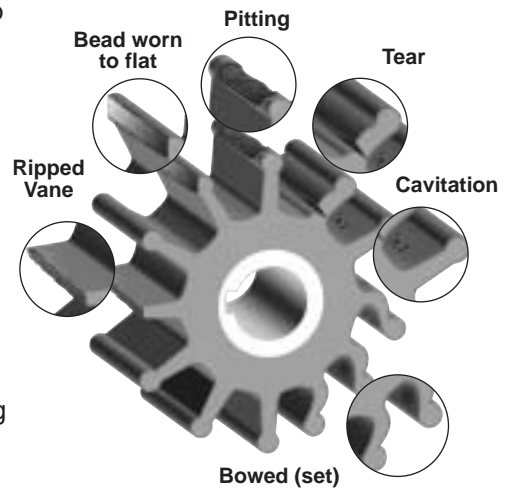
# Inspection

*The #1 reason for premature engine wear is overheating.*

*To maintain engine performance, insist upon genuine Sherwood impellers and service kits.*

## Recommended inspection to be performed at any service interval:

Impeller	Inspect for cracks or tears. Also, inspect for excessive abrasion of vane ends. Replace annually or if any of the conditions exist, as in the picture below.*
Wear Plate	Inspect for wear, flatness and pin for fatigue. Replace at major pump rebuild or if wear is evident to maintain pump flow and suction performance.
Cam	Replace at major pump rebuild or if pitting/wear is evident.
Cover	Replace at major pump rebuild or if wear exists to maintain pump flow and suction performance.
Mechanical Seal	Replace at minor and major pump rebuild or if leaking.
Lip Seal	Replace at major pump rebuild or if leaking.
Shaft	Inspect for wear in area of lip seal and rubber impeller. Grooving of lip seal area or heavy fretting of the impeller end shaft will require shaft/bearing assembly replacement.
Bearing	Inspect for loss of grease, corrosion or rough rotation. Replace the entire shaft and bearing assembly if these conditions exist or if the bearing integrity is in doubt.



## Genuine Sherwood Tech Tips

To maintain best engine performance and to prolong engine life - replace your impeller annually\*. Three tips to help you install your new impeller:

- Use a non-petroleum based lubricant (silicon or soapy water) to help slide the impeller into the housing.
- Install the impeller with a twisting motion onto the shaft. Never force an impeller onto the shaft. The impeller must be able to move freely on the shaft to properly prime and function.
- Use a small amount of non-petroleum based lubricant to help hold the o-ring when replacing the cover.

Proper storage of the impellers during a prolonged lay-up can help maintain the life of the impeller. Remove the impeller from the housing and store in a cool, dark place. This will avoid the following:

- Copper bonding of the impeller to the housing
- Vanes “setting” into position as stored in the housing
- Ultraviolet deterioration

\* See Maintenance Schedule on page 5



**SHERWOOD®**



**HYPRO®**

**Pentair Water  
MARINE PRODUCTS GROUP**

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