

10615K Impeller Kit Technical Guide

Engine Specified

Identification



Impeller kit 10615K includes 10615 impeller and the associated o-rings and gaskets.

10615 Impeller Specification

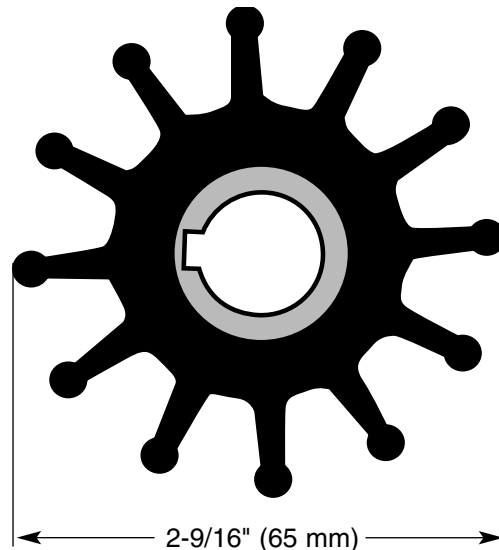
Dimensions

- Diameter: 2-9/16" (65 mm)
- Width: 1-5/8" (41.2 mm)
- Keyway: 3/16"
- Shaft: 5/8"

Material

- Rubber impeller: Neoprene
- Insert: Stainless steel or bronze

Number of Blades: 12



Application

The 10615K is used in the following genuine Sherwood pumps:

B04	F95	G4	G55-2	K90	P1012	R10970G
C-03	G1004	G45-1	G56	L10	P102	RPBC
D05	G1005	G45-2	G7	L10B	P105	S11040G
D55*	G1006	G46	G7B	L80	P10550G*	S11095G
E35	G1008	G5	G8	L90	P109	
F10	G26	G50	G85	M71	R101	
F75	G3	G5-1	H85	P101	R102	

* Pump uses (1) 10615K and (1) 09959K impeller kits.

Preventative Maintenance and Inspection

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

Sherwood Pump	Minor Repair Kit	Major Repair Kit
E35	10999	11068
F10	10999	11068
F75	12418	12417
F95	10999	12333
G1006		22276
G1008		22276
G26	23976	23977
G45-1	23976	23977
G45-2	23976	23977
G46	23976	23977

Sherwood Pump	Minor Repair Kit	Major Repair Kit
G5/G5-1	23976	23977
G50	23976	23977
G55-2	23976	23977
G56	23976	23977
G7/G7B	23976	23977
G85	23976	23977
H-85	23976	23977
K90	23976	23977
L10/L10B	23976	23977
L80	23976	23977

Sherwood Pump	Minor Repair Kit	Major Repair Kit
L90	23976	23977
M71	23976	23977
P101	19301	19300
P1012	19301	19300
P102		19354
P105		19354
P109		19354
R10970G	10999	
RPBC	10999	11068
S11040G	10999	11068

Notes:

Minor kits in bold contain: impeller, o-ring, gasket, seal, snap rings, key and washer.

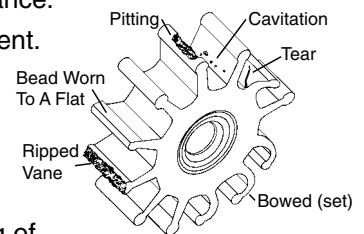
For the contents of the other minor kits, see repair kit section in the Sherwood marine catalog.

Major kits in bold contain: impeller, o-ring, gasket, seal, snap rings, key, washer, bearings, wearplate, cam and cam screw.

For the contents of the other major kits, see repair kit section in the Sherwood marine catalog.

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 minor or 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 replacement.
- Bearing Inspect for loss of grease, corrosion or rough rotation. Replace at major pump rebuild as the entire shaft and bearing assembly (see page 3 for proper assembly number).



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