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Le Roi

Parts Manual

85G1,

105G1 & 125G1

Air Compressor

Parts Manual

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or Call 800-443-0625



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LR-P-85G1+



6136

6136

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AIR COMPRESSORS

MANUAL PREVIEW



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purchase full manual at

MODELS: 85G1 ★ 105G1 ★ 125G1

COMPRESSOR SERIAL NUMBERS 211X6700 and LATER

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SERVICE PARTS LIST

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LE ROY



Division of Westinghouse Air Brake Co.

Milwaukee 1, Wisconsin



November 1955

INDEX to

MODEL

85G1
105G1
125G1

COMPOSITE GROUPS

Use only for Serial No. 211X6700 and Later.

GROUP NUMBER	GROUP NAME	GROUP NUMBER	GROUP NAME
<u>ENGINE - COMPRESSOR</u>		<u>HOUSING AND FRAME</u>	
1	Crankcase	55-1	Housing (Portable Only)
2	Crankshaft & Pulley	55-2	Housing (Utility Only)
3	Camshaft	57	Frame
4	Connecting Rod (Engine and Compressor)	58	Rear Supports
5	Piston (Engine & Compr.)	59	Housing Supports
6	Cylinder Head (Engine)	<u>STARTING SYSTEM</u>	
7	Cylinder Head (Compr.)	65 66 67	
8	Manifold, muffler & exhaust pipe		
10	Oil Pan		
11	Flywheel & Flywheel Fan (Compressor)	<u>INSTRUMENTS & CONTROLS</u>	
13	Gear Cover	70-1	Instrument Panel (Portable Only)
14	Governor	70-2	Instrument Panel (Utility Only)
<u>LUBRICATION SYSTEM</u>		71-1	Unloader Pilot (Portable Only)
25	Oil Pump	71-2	Unloader Pilot (Utility Only)
26	Oil Filter	72	Slowdown
<u>COOLING SYSTEM</u>		73	Econotrol
30	Water Pump	74	Hourmeter Kit
31-1	Radiator-Fan-Fan Belt (Portable Only)	<u>MISCELLANEOUS</u>	
31-2	Radiator-Fan-Fan Belt (Utility Only)	80	Air Receiver
34	Fan Guard	81	Hose Reels
35	Aftercooler	82	"E" Mounting (2 wheels)
<u>FUEL SYSTEM</u>		83	"A" Mounting (skid)
40	Carburetor	84	Tool Kit
41	Air Cleaner (Eng. & Compr.) 85G1 & 105G1	85	Tool Box
42	Fuel Tank	86	Lifting Bail
<u>IGNITION SYSTEM</u>		87	Nameplates
50	Magneto & Ignition Wires		

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NOTE
Seal seat (ref. No. 15) is used on
pumps after serial No. 25x8620.

MANUAL PREVIEW

PUMP
WATER
ENGINE

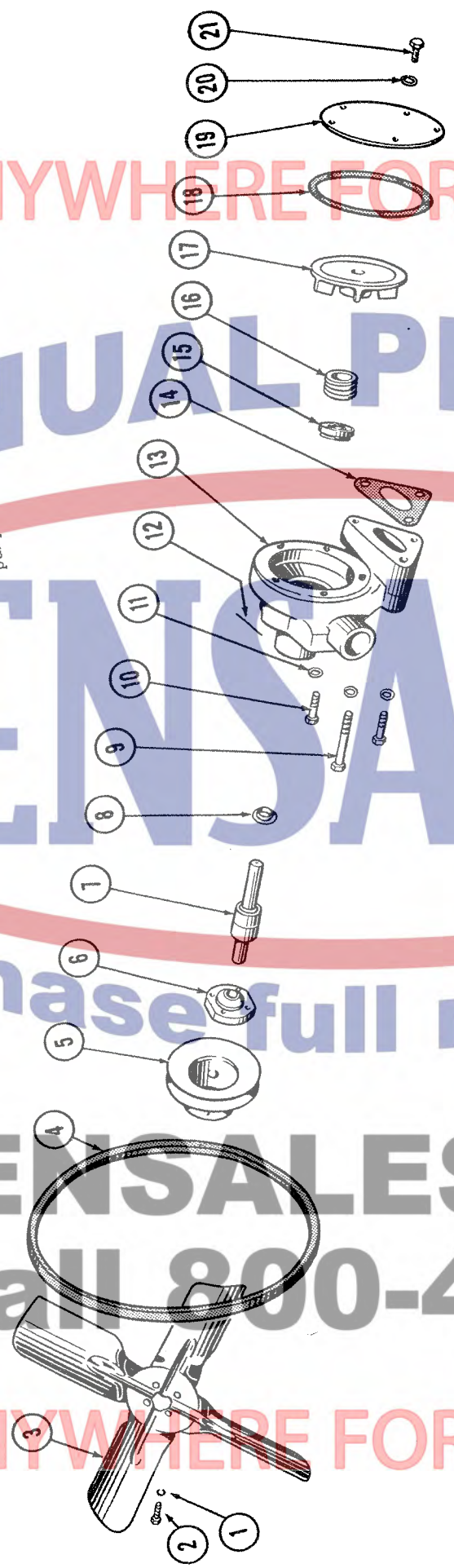
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211X6700 and Later
MODEL 85-105-125

GROUPS AND COMPONENTS

Group No. 30 WATER PUMP

PART NUMBERS

STANDARD

3G81-196-1

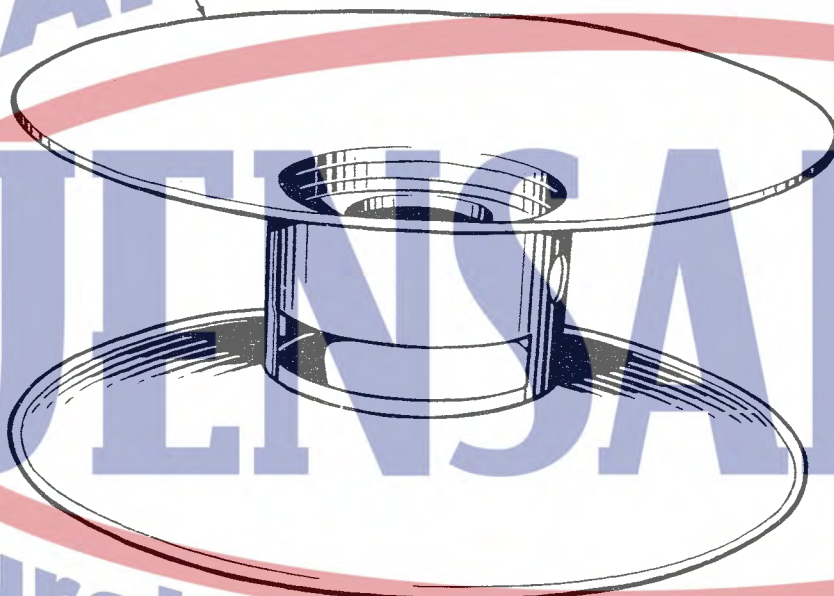
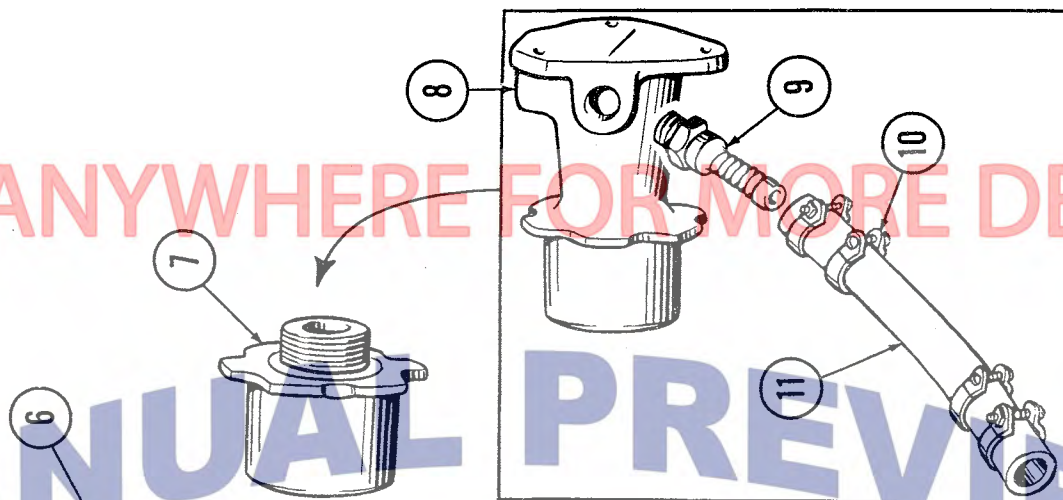
Ref.	Part Description	Qty.
	WATER PUMP ASSEMBLY	1
9	BODY, water pump	1
	FAN & PUMP SHAFT BEARING ASSEMBLY	1
12	BEARING, fan and pump shaft (not serv. sep.)	1
13	FAN HUB	1
11	LOCKING WIRE	1
10	SLINGER	1
7	SEAL, water	1
	SEAL, seat	1
5	IMPELLER	1
4	GASKET, pump cover	1
3	COVER, pump	1
2	WASHER, pump cover	5
1	CAPSCREW, pump cover	5
21	GASKET, water pump mounting	1
19	CAPSCREW, water pump mounting	2
20	LOCKWASHER, water pump mounting	3
	CAPSCREW, 3/8-16 x 2-3/4	1
14	FAN PULLEY	1
17	CAPSCREW, fan pulley	4
16	LOCKWASHER, fan pulley	4
	COVER, compr. drain	1
	STREET ELBOW, 3/8 x 90°	1
	CONNECTION, water, compr. head	1
	GASKET, water connection	1
	CAPSCREW, 5/16 - 18 x 1 hex. hd.	2
	LOCKWASHER, 5/16	2
	HOSE, 1-1/2 x 15	1
	CLAMP, hose	2
	DRAIN COCK	1
	GASKET, water connection	1
	CAPSCREW, 5/16 - 18 x 1-1/4 hex.	2
	LOCKWASHER, 5/16	2

A81-196-1
inc. A to D
81-196-1--A
2A181-161
inc. B & C
181-161---B
132-90---C
61-418
202-3
125-101
125-113-1
101-37
16-1098
14-957
20-97
02-2-----D

16-564
02-38
05-51
02-43
36-234-1
02-18
05-50
14-840
013-503
65-565
16-160
02-20
05-50
73-26-10
83-223-23
52-7
16-160
02-21
05-50

● Part number is same as in STANDARD group.

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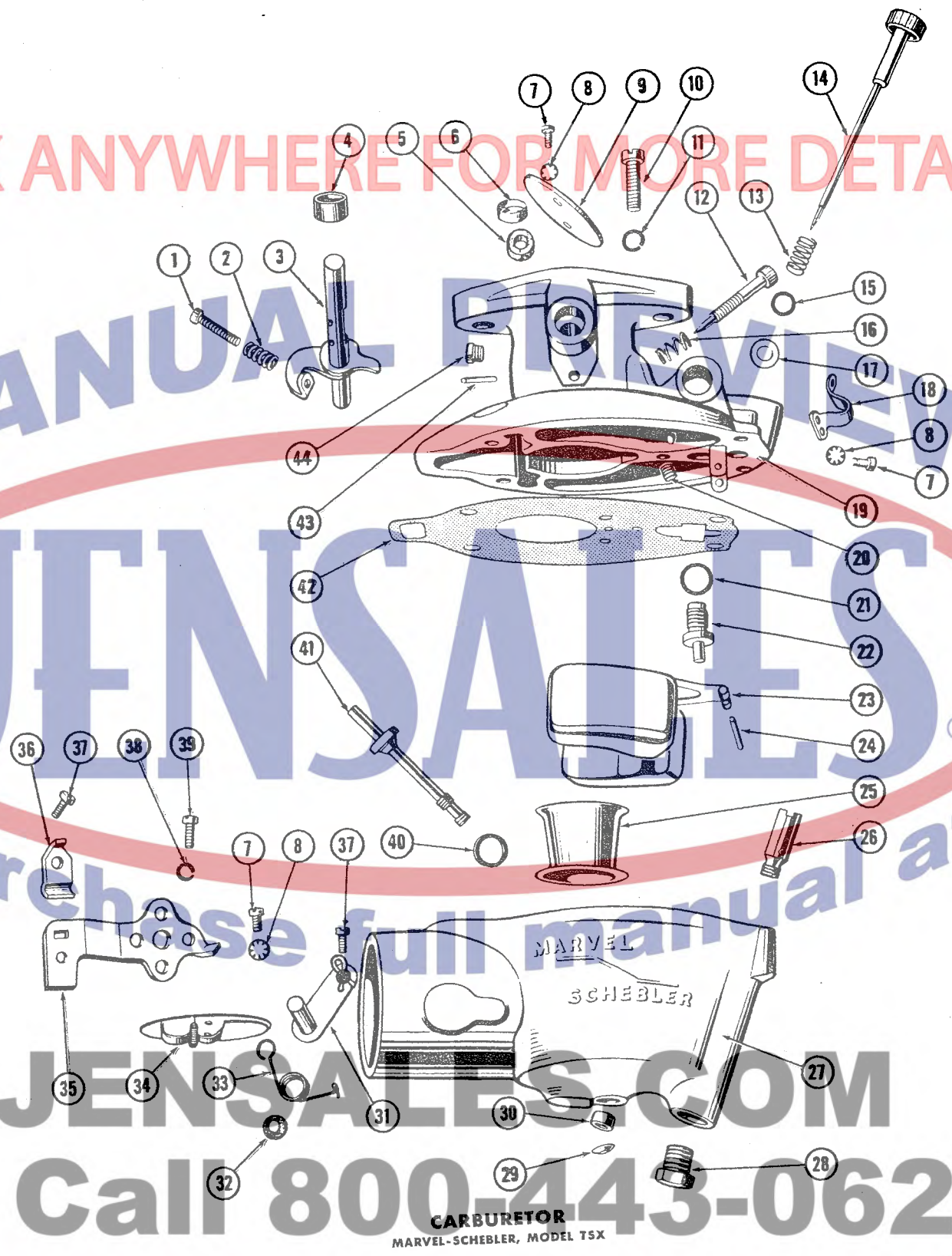
GROUPS AND COMPONENTS

Group No. 81 HOSE REEL

PART		NUMBERS	
STANDARD	A	B	
NONE	7G180-9	6G180-9	
N	180-9	•	
O	A17-465	•	
N	inc. A to B	inc. A to B	
E	17-465---A	•---A	
	010-202	•	
	39-1695	•	
	24-352	•	
	63-128	•	
	010-201--B	•---B	
	05-5	•	
	03-1542	•	
	39-1721	•	
	02-570	(2) •	
	05-53	(5) •	
	04-605	(5) •	
		38-426	
		02-572	
	31-455	•	
	1A54-296	•	
	inc. C to D	inc. C to D	
	54-296---C	•---C	
	125-69	•	
	54-287	•	
	013-456---D	•---D	
	15-323-3	•	
	54-297	•	
	03-414	•	
	05-50	•	
	83-98	•	
	83-103	•	
	02-504	•	
	05-49	•	
	04-601	•	
	39-1350	•	
	02-570	•	
	05-53	•	
	04-605	•	
	54-307	•	
	73-261-1	73-261-5	
	83-98	•	
	011-105	•	
	013-6		
	013-606		
	83-70		
	83-71		
	05-51		
	04-603		

● Part number is same as in ~~SPARKS A R K~~
COLUMN A.

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CARBURETOR
MARVEL-SCHEBLER, MODEL TSX

MILWAUKEE 14, WISCONSIN

LE ROI COMPANY

D2481-I

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ACCESSORY COMPONENTS

USE ONLY FOR SERIAL NOS. 211X1 and LATER

Le Roi No. 84-553-7

CARBURETOR

Marvel-Schebler #TSX-3

REF. NO.	PART NUMBER	QUAN. REQD.	NAME AND DESCRIPTION
			(See Plate D2481-1)
27	10-3183	1	CARBURETOR BODY ASSEMBLY
3	13-989	1	SHAFT, throttle
9	14-169	1	FLY-THROTTLE, (20°)
37	15-285	2	SCREW, (8-32 x 5/16) (choker swivel -1) (choker bracket -1)
44	15-A82	1	SCREW, (1/4 -28 headless) (idle drilling)
7	15-A91	4	SCREW, (4 -36 x 1/4 rd. hd.) (throttle fly -2) (ratchet spring -2)
	15-A92	2	SCREW, (4 -26 x 3/16 rd. hd.) (choker fly)
39	15-A93	1	SCREW, (8 -32 x 5/8) (choker bracket)
21	16-4	1	GASKET, float valve seat
42	16-80	1	GASKET, throttle body to bowl
40	16-449	1	GASKET, main nozzle
	16-592	1	GASKET, assortment
33	24-153	1	SPRING, choker return
16	24-340	1	SPRING, idle needle
31	26-662	1	CHOKER SHAFT AND LEVER ASSEMBLY
34	27-539	1	CHOKER FLY ASSEMBLY
	28-49	1	SWIVEL, choker
	29-520	1	CHOKER BRACKET ASSEMBLY
23	30-600	1	FLOAT AND LEVER ASSEMBLY
24	32-27	1	SHAFT, float lever
12	43-33	1	NEEDLE, idle adjusting
5	44-38	2	PACKING, throttle shaft
32	44-39	1	PACKING, choker shaft
25	46-A38	1	VENTURI, 13/16 diameter throat
41	47-636	1	NOZZLE
	49-188	1	POWER JET
6	55-231	2	RETAINER, throttle shaft packing
	55-243	1	RETAINER, packing, (choker shaft)
	82-16	1	COTTER PIN, choker swivel
30	95-40	1	STRAINER, gasoline drain
28	99-7	1	PIPE PLUG, bowl drain
	179-11	1	PLUG, expansion, (throttle body)
29	179-35	1	PLUG, expansion, (gasoline drain)
19	227-980	1	THROTTLE BODY ASSEMBLY
22	233-536	1	SEAT AND GASKET ASSEMBLY, matched float valve
	286-700	1	PACKAGE REPAIR KIT
	78-154	4	LOCKWASHER
15	16-491	1	GASKET, fuel adjusting needle
14	43-627	1	HIGH SPEED NEEDLE ASSEMBLY
		1	LEVER, Zenith CR 24-101 BX2

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or Call 800-443-0625

Repair parts for accessories may be obtained from your Le Roi distributor, or from any distributor authorized by the accessory manufacturer.

84-553-7