

PARTS LIST

FOR

Kahlenberg

MARINE ENGINES

DIESEL ENGINES



Est. 1895

Manufactured By:

KAHLENBERG BROS. CO.

TWO RIVERS, WISCONSIN, U. S. A.

Cable Address: "Kahlenberg"

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Kahlenberg Bros. Co.

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10642

INSTRUCTIONS FOR ORDERING PARTS

When ordering repair parts, always include the following information on the order:

1. The quantity of each part wanted.
2. The part number and name of each item.
3. The serial number and horsepower of the engine (stamped on engine nameplate.)
4. The way shipment is to be forwarded. (By parcel post, express, air express, truck or freight.)
5. The name of the boat. (Especially important to owners of more than one boat.)

To facilitate the ordering of repair parts, detailed Parts Charts, each identified by a Figure No. are located at the back of the Parts List. These charts include, in addition to various assemblies, a general illustration of a four cylinder engine which can also be referred to when ordering parts for a 2, 3, 5, or 6 cylinder engine.

In ordering parts, refer first to the charts to find the number of the part wanted. In the Parts List, under this number, will be found the name of the part. For each part listed, the Chart Fig. No. on which the part appears is given.

When ordering parts for twin screw installations, list the parts wanted for each engine separately. Serial numbers of lefthand (Port) engines end with the letter "L".

Complete stocks of parts are maintained at the factory and the majority of parts orders are shipped the same day the order is received.

The various important parts of the engine, such as the upper and lower governor units, air distributor, fuel injection pumps, air valves, water pumps, lubricators, air compressor cylinder head, reverse gear, clutch, etc. are separate assemblies each of which can be removed from the engine as a unit and sent to the factory for inspection and overhaul. Return shipment can be made, in most cases, the same day or the day after the assembly is received here.

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TELEGRAPH CODE

The serial number (factory number) of the engine is stamped on the nameplate located on the forward cylinder. The letters in the serial number indicate the Model No. of the engine. Lefthand (Port) engines of twin screw sets have numbers ending with the letter "L". The code words for Model Numbers are as follows:

MODEL No.	BORE AND STROKE	No. OF CYLINDERS	CODE WORD	H.P.
DD	7 x 7½	2	ORVAL	20-24
AD	8½ x 9	2	OLE	30-36
AT	8½ x 9	3	OGDEN	45-54
AF	8½ x 9	4	OSSLER	60-70
BD	10 x 10½	2	OSCAR	50-60
BT	10 x 10½	3	OLSON	75-90
BF	10 x 10½	4	OSWALD	100-120
B5	10 x 10½	5	ORIOLE	125-150
B6	10 x 10½	6	ORION	150-180
CT	12½ x 14	3	OTTER	135-150
CF	12½ x 14	4	OWEN	180-200
C5	12½ x 14	5	OZARK	250
C6	12½ x 14	6	OZAUKEE	300

MISCELLANEOUS CODE WORDS

CODE WORD	MEANING
PARCEL.....	Ship via Parcel Post
EXPRESS.....	Ship via Express
FREIGHT.....	Ship via Freight
TENSION.....	Rush Urgent Requirements
TIDE.....	Include with Shipment

To simplify telegrams, and cablegrams, the code word applying to each part in the Parts List may be used in place of number or name of part.

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Telephone: 358 Cable Address: "Kahlenberg"

Codes: Private, Western Union, A. B. C.—5th Edition
A. B. C.—6th Edition 5 letter, and Bentleys.

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
CYLINDER			
1	Cylinder with Parts 2A, 2C, 2D, 3, 4, 5, 41, 41A, 41B, (42), (43), (44), (46), 46B, and 46C (State which cylinder. Note: No. 1 cylinder is always at governor end).		
		A-1 3	Aaron
2	Cylinder Intake Port Plate.	A-26 3	Abacus
2B	Cylinder Intake Port Plate Gasket	A16 3	Abalone
2A	Cylinder Cleanout Port Plate.	A-26 2,3	Abattis
2C	Cylinder Cleanout Port Plate Gasket	A119 3	Abattoir
2D	Cylinder Cleanout Port Plate Cap Screw.		Abb
3	Cylinder Head Stud.	A-7 2	Abbey
3A	Cylinder Head Stud Nut.	A-8 2	Abilla
4	Cylinder Intake Port Stud	A-19 3	Acacia
4A	Cylinder Intake Port Stud Nut		Academic
5	Cylinder Exhaust Port Stud.	A-19 3	Academy
5A	Cylinder Exhaust Port Stud Nut.		Acana
CYLINDER HEAD, Type B			
6	Cylinder Head with Studs 8.	Each Not S-4 3	Accent
7	Cylinder Head Gasket.	S-176 3,33	Acceptor
8	Cylinder Head Cap Stud.	S-84 2	Ace
8A	Cylinder Head Cap Stud Nut.		Achar
9	Cylinder Head Cap with Parts 10, 10A, and 13.		Acme
10	Cylinder Head Cap Flap Door	S-74 3,33	Acorn
10A	Cylinder Head Flap Door Cap Screw		Acrania
11	Combustion Chamber Cap with Tube 15	S-1 3,33	Acre
12	Combustion Chamber Gasket	S-175 3,33	Acrobat
13	Spout with Cap Screw 14	S-73 3,33	Actor
14	Spout Cap Screw		Adage
15	Firing Tube	S-82 3,33	Admiral
16	Cylinder Head Water Cock.	1098 2	Adverb
16A	See Part 1353		
16B	See Part 1354		
17	Cylinder Head Relief Cock Body.	A-14 1	Advocate
17R	Assembled Cylinder Head Relief Cock, Consisting of Parts 17 and 18.		Adze
18	Cylinder Head Relief Cock Stem.	A-72 1	Aerie
COMPRESSION RELEASE PUSH ROD			
19	Push Rod.	T-52 1,34	Affray
19A	Push Rod Latch.	T-65 1,34	Africa
19B	Push Rod Latch Screw.		Agama
19R	Assembled Push Rod Consisting of Parts 19, 19A, 19B, 20, 21, 22, (22A), 23, 24, and 24A		Agate
20	Push Rod Cap.	F-61 1,34	Agency
21	Push Rod Valve Operating Collar	T-49 1,34	Aglet
22	Push Rod Stop Collar.	T-50 1,34	Agora
22A	Push Rod Sleeve	T-53 1	Aigret
23	Push Rod Spring	T-67 1,34	Aisle
24	Push Rod Hanger	T-57 1,34	Alarm
24A	Push Rod Hanger Cap Screw		Albacore
COMPRESSION RELEASE VALVE, Type A			
Note: Type A Valve located on cylinder head.			
25	Compression Release Valve Body.	6	Albino
25R	Assembled Compression Release Valve Consisting of Parts 25, 26, 29, 30, 32, 33 and 34.	6	Albatross
26	Compression Release Valve Stem.	6,34	Album
27	Compression Release Valve Arm	6	Alcove
29	Compression Release Valve Jam Nut	6	Alder
30	Compression Release Valve Locking Wheel	6,34	Alembic

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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COMPRESSION RELEASE VALVE, Type A - Cont'd

32	Compression Release Valve Spring	<i>T16</i> 6,34	Alibi
33	Compression Release Valve Seating Wheel	6,34	Alien
34	Compression Release Valve Seating Wheel Lock Nut	6,34	Alley
35	Compression Release Valve Lever with Adjusting Screw 36 and Lock Nut	6	Almond
36	Compression Release Valve Adjusting Screw with Lock Nut	6	Aloe
37	Compression Release Valve Lever Pin with Cotter Pin	6	Alpaca

CYLINDER AIR DAMPER

38	Air Damper Lever with Parts 38A, 38B, and 38C	<i>H45</i> 1,15	Alpine
38A	Air Damper Lever Pawl	<i>H70</i> 15	Althorn-
38B	Air Damper Lever Pawl Spring	<i>H71</i> 15	Alto
38C	Retainer Plug for Air Damper Lever Pawl Spring <i>Set Screw</i>	15	Althrice
39	Air Damper Quadrant with Parts 39A, 39B, 39C and 39D	<i>H44</i> 1,15	Amazon
39A	Air Damper Quadrant Stop Washer	<i>H68</i> 1,15	Ambage
39B	Air Damper Quadrant Stop Screw and Nut	1,15	Ambary
39C	Air Damper Quadrant Clamp Screw	1,15	Ambben
39D	Air Damper Quadrant Dowel Screw	<i>H69</i> 15	Ambex
40	Air Damper Quadrant Bearing	<i>H46</i> 1	Ambler
41	Air Damper Rod Bearing	<i>H42</i> 1	Amity
41A	Air Damper Rod Packing	15	Ammic
41B	Air Damper Rod Gland Nut	<i>T12</i> 1	Amon
42	Air Damper Rod (Forward Cylinder)	<i>H63</i> 1	Ampere
43	Air Damper Rod (Center Cylinders)	<i>H64</i> 1	Amulet
44	Air Damper Rod (After Cylinder)	<i>H65</i> 1	Amyl
45	Air Damper Rod Sleeve	<i>H66</i> 1	Anapest
45A	Air Damper Rod Taper Pin <i>#2 x 1/4 - #1 x 1/4</i>	1	Anbury
46	Air Damper Blind Bearing	<i>H49</i> 1	Anchovy
46B	Air Damper Butterfly Valve Plate	<i>H50</i> 3	Andiron
46C	Air Damper Valve Plate Screw with Nut	3	Anemone

PISTON

47	Piston	<i>A3</i> 3	Aneroid
47B	Piston Fitted with Piston Rings 48 and Set Screw 50	3	Angar
47R	Piston Fitted with Piston Rings 48, Piston Pin 49 and Set Screw 50	3	Angex
48	Piston Ring	<i>A6</i> 3	Aniline
49	Piston Pin	<i>A4</i> 3	Animal
50	Piston Pin Set Screw with Nut	<i>A5</i> 3	Anise
50A	Tapered Guide Ring for Entering Piston and Rings in Cylinder	<i>177</i> 26	Anjex
50B	Eye Bolt for Lifting Pistons	<i>A100</i> 26	Anjou

CONNECTING ROD

51	Connecting Rod with Bushing 52	<i>B1</i> 3	Anker
52	Piston Pin Bushing	<i>B2</i> 3	Anna
53	Connecting Rod Bearing, Upper Half	<i>B3</i> 3	Annelid
53R	Assembled Connecting Rod Bearing Complete, Consisting of Parts 53, 54, 55, 56, 56A, 57 and 58	<i>B3 & B4</i> 3	Annex
54	Connecting Rod Bearing, Lower Half	<i>B4</i> 3	Annual
54R	Assembled Piston Pin Bearing Complete, (Used on 3 and 4 Cylinder 12 1/2" x 14" Engines having Serial Nos. up to 307 CT and 412 CF inclusive)	<i>B3 P. & B4 P.</i>	Anode
55	Complete Set Shims for Connecting Rod Bearing	<i>B9</i> 3	Anthem
56	Connecting Rod Bearing Stud	<i>B5</i> 3	Antic
56A	Connecting Rod Bearing Cotter Pin <i>1/8" x 1/4"</i>	3	Antipode
57	Connecting Rod Bearing Full Nut	<i>B6</i> 3	Antler
58	Connecting Rod Bearing Jam Nut	<i>B7</i> 3	Anvil

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
CRANK CASE			
59	Crank Case with Studs 60 and 61 (State for which cylinder. Note: No. 1 cylinder is always at governor end).	<i>A37</i> 1,3	Aorta
59A	Crank Case Top Flange Gasket.	<i>A118</i> 3	Apex
59R	Assembled Bearing Warning Device Complete, Consisting of Parts 59B, 59C, 59D, and 59E.	13	Aphelion
59B	Eccentric Adjusting Screw for Bearing Warning Device.	<i>A93</i> 13	Aphid
59C	Lock Nut for Bearing Warning Device Adjusting Screw 59B.	<i>F126</i> 13	Aphonia
59D	Shear-off Tube for Bearing Warning Device.	<i>A94</i> 13	Aphtha
59E	Whistle for Bearing Warning Device.	<i>A94</i> 13	Apian
60	Crank Case Top Flange Stud.	<i>A40</i> 3	Apiary
60A	Crank Case Top Flange Stud Nut.	<i>A8</i> 3	Aplomb
61	Crank Case Breathing Valve Stud.	<i>A19</i> 3	Apogee
61A	Crank Case Breathing Valve Stud Nut.	3	Aporia
62	Crank Case Lower Flange Cap Screw.	<i>A50</i> 1,3	Apsis
63	Crank Case Taper Dowel Pin with Nut 63A.	<i>C17</i> 1	Aqua
63A	Nut for Removing Taper Dowel Pin 63.	<i>1/2" Am. STD. REG. FULL</i> 1	Arado
CRANK CASE BREATHING VALVE			
64	Breathing Valve Plate.	<i>A11</i> 12	Babble
64R	Assembled Breathing Valve Complete, Consisting of Parts 64, 65, 66, 67, (67A), 68, 69, 69A, 70 and 71.	12	Backer
64A	Breathing Valve Gasket.	<i>A117</i> 12	Badge
65	Breathing Valve Stop Plate.	<i>A34</i> 12	Baggage
66	Breathing Valve Disc, Small.	<i>A69</i> 12	Bait
67	Breathing Valve Disc, Large.	<i>A70</i> 12	Baize
67A	Breathing Valve Disc, Extra Large, (Used on 12 1/2 x 14" Engines only).	<i>A70-45</i> 12	Baker
68	Breathing Valve Spring.	<i>A43</i> 12	Balance
69	Breathing Valve Bolt.	<i>A38</i> 12	Balcony
69A	Breathing Valve Hexagon Nut.	12	Baldric
70	Breathing Valve Acorn Nut.	<i>A64</i> 12	Baleen
71	Breathing Valve Cover.	<i>A35</i> 12	Ballade
BED PLATE AND MAIN BEARINGS			
72	Engine Bed Plate.	<i>A16</i> 1	Ballot
72A	Rear Base Plate.	<i>A32</i> 1	Balm
72B	Hexagon Head Cap Screw between Rear Base Plate and Bed Plate.	<i>A50</i> 1	Balor
72C	Hexagon Head Thru-Bolt Between Rear Base Plate and Bed Plate.	<i>A52</i> 1 <i>2-495</i>	Baloral
72D	Nut for Rear Base Plate Bolt 72C.	1	Balnear
72E	Engine Bed Plate Gasket Complete, Consisting of Two Pieces, One for Each Side.	<i>72E</i> 3	Balsa
73	Forward Main Bearing Cap (At Governor end of engine).	<i>C1</i> 1	Balsam
73A	Main Bearing Cap Screw.	<i>A50</i> 1	Bandrol
73B	Hexagon Socket Wrench for Main Bearing Cap Screws 73A.	26	Bandore
74	Forward Main Bearing Shell (2-halves) (At governor end of engine).	<i>C4</i> 1	Bane
75	Center Main Bearing Cap.	<i>C2</i> 1	Banner
76	Center Main Bearing Shell (2-halves).	<i>C5</i> 1	Banter
77	After Main Bearing Cap.	<i>C1</i> 1	Banyan
78	After Main Bearing Shell (2-halves).	<i>C4</i> 1	Barb
79	Dowel Screw for Main Bearing Shell.	<i>C8</i> 1	Barilla
80	Bearing Cap Packing.	<i>C13</i> 1	Bark
81	Steel Half Ring between Bearing Cap Packing 80 and Adjusting Screws 82.	<i>C9</i> 1	Baron
82	Bearing Cap Packing Adjusting Screw.	<i>C14</i> 1	Barque
83	Bearing Cap Taper Dowel Pin with Nut 83B.	<i>C17</i> 3	Barrier
83A	Bearing Cap Lifting Eye Bolt (Interchangeable with eye bolt 134A).	1,26 <i>A100-1/4</i>	Barrigulo
83B	Nut for Removing Taper Dowel Pin 83.	3	Barrister

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
THRUST BEARING			
84	Thrust Bearing Cap.	X2 1	Barrow
85	Thrust Bearing Water Jacketed Base.	X1 1	Barter
85R	Thrust Bearing Assembly, Consisting of Parts 84, 85, 86, 86B, 88, 92A, and 92B	X1, X2 1	Basalt
86	Hexagon Head Cap Screw for Thrust Bearing Cap 84.	A50 1	Bashaw
86A	Thrust Bearing Cap Taper Dowel Screw with Nut 83B	-	Bashi
86B	Thrust Bearing Shell Dowel Screw.	C9 1	Bashlyk
86C	Elbow Check Valve Oil Tube Fitting with Nut and Sleeve 86D.	1	Basic
86D	Sleeve for Elbow Check Valve Fitting 86C.	1	Basify
87	Hexagon Head Cap Screw for Thrust Bearing Base 85	X7 1	Basil
88	Thrust Bearing Shell (2-halves)	X6 1	Basis
89	Forward Split Clamp Collar with Cap Screw 90A	X3 1	Bass
89A	After Split Clamp Collar with Cap Screw 90.	X3 1	Bastion
90	Cap Screw for After Split Clamp Collar 89A.	X8 1	Batist
90A	Cap Screw for Forward Split Clamp Collar 89	X8 1	Batman
91	Bronze Thrust Collar, Solid Type, (State whether for forward or after end of thrust bearing assembly).	X4 1	Baton
91B	Bronze Thrust Collar, Split Type, with Dove Tailed Joints (State whether for forward or after end of thrust bearing assembly)	1	Baya
91A	Roller Thrust Bearing Complete, at After End of Thrust Bearing Assembly, Consisting of Parts 91E, 91F, and 91G.	1	Beadle
91C	Roller Thrust Bearing Cover with Screws for Attaching (State whether for roller bearing 91A or 91D)	X11 1	Beak
91D	Roller Thrust Bearing Complete, at Forward End of Thrust Bearing Assembly, Consisting of Parts 91E, 91F, and 91G.	1	Bealer
91E	Roller Bearing Washer (Stationary Washer only, bored for running clearance on shaft and always located next to flange of thrust bearing assembly. State whether washer is wanted for roller bearing 91A or 91D).	X17 1	Beano
91F	Roller Thrust Bearing Cage Only, Complete with Rollers (State whether for roller bearing 91A or 91D)	1	Bear
91G	Roller Bearing Washer (Rotating washer only, bored for close fit on shaft and always located next to split clamp collar. State whether washer is wanted for roller bearing 91A or 91D).	X17 1	Beardre
92	Thrust Collar Adjusting Screw with Nut.	1	Beater
92A	Thrust Bearing Water Jacket Drain Cap	1	Beaver
92B	Thrust Bearing Water Jacket Drain Nipple.	1	Bechamel
CRANK SHAFT			
93	Crank Shaft Only.	A23 1	Becker
93R	Assembled Crank Shaft Complete.	1	Beech
94	Center Bearing Air Retaining Collar (Split) with clamping Screws 94A. Note: Can also be used on end bearing in place of Solid Collar 94E	C10 1	Begonia
94A	Fillister Head Clamping Screw with Lock Washer for Split Air Retaining Collar 94.	C12 1	Begor
94E	End Bearing Air Retaining Collar (Solid, not split)	C11 13	Begum
95	Air Retaining Collar Leather Washer with Rivets	C16 1	Belfry
96	Air Retaining Collar Spring	C15 1	Bellow
96A	Air Retaining Collar Drive Pin.	A63 1	Belodin
FLYWHEEL			
97	Flywheel.	R1 1	Beltone
97A	Flywheel Turning Bar.	R10 26	Belvedere
98	Flywheel Hub.	R6 1	Bemire
99	Flywheel Bolt with Nuts 99A	R5 1	Bencher

ALWAYS GIVE ENGINE NUMBER

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
FLYWHEEL—Cont'd			
99A	Flywheel Bolt Nut	1	Bene
100	Flywheel Spacing Collar	R8 1	Benison
100A	Flywheel Spacing Collar Key	R9 1	Benthos
101	Flywheel Hub Key	R7 1	Benzole
101A	Flywheel Key Guard	R11 1	Berberine
101B	Flywheel Key Guard Cap Screw with Center Hole for Speed Indicator Point	1	Berea
EXHAUST MANIFOLD			
102	Exhaust Manifold Less Heads, Flanges and Hand Hole Plates. If engine is of four or more cylinders, state whether forward or after manifold section is wanted. Note: Forward section is at governor end of engine.	A18 3	Beretta
102R	Exhaust Manifold Assembled Complete Consisting of Parts 102, 102A, 103, 103A, 104, 105, 105A, 105B, 109, and 110, includes, on engines of four or more cylinders, Coupling 114A, parts 114B to 114E inclusive and the forward and after manifold sections.	2,3	Berth
102A	Exhaust Port Gasket	A115 3	Beryl
102B	Exhaust Port Cleaning Tools (One Set)	102B 26	Beta
103	Exhaust Manifold End Head (State whether with or without exhaust pipe opening and give size of pipe opening)	A28B 2	Besum
103A	Exhaust Manifold End Head Gasket	A112 2	Beton
104	Exhaust Manifold End Head Cap Screw	A39 2	Bevel
105	Exhaust Manifold Hand-Hole Plate	A31 2,3	Bezel
105A	Exhaust Manifold Hand-Hole Plate Gasket	A113 3	Bhang
105B	Exhaust Manifold Hand-Hole Plate Cap Screw	A152 3	Bheesty
106	Exhaust Manifold Top Outlet Blind Flange	3	Bibber
106A	Gasket for Exhaust Manifold Top Outlet Flange	A111 3	Bibet
106B	Exhaust Manifold Top Outlet Pipe Flange (State Pipe Size)	A29 3	Bidri
107	Exhaust Manifold End Outlet Pipe Flange (State Pipe Size)	2	Bigg
107A	Gasket for Exhaust Manifold End Outlet Pipe Flange 107	A111 2	Bijou
108	Exhaust Manifold Pipe Flange Cap Screw	A39 2,3	Bilbo
109	Exhaust Manifold Oil Drain Plug	2	Billet
110	Exhaust Manifold Water Drain Plug	2	Billow
111	Exhaust Yoke Top Outlet Pipe Flange	A29 1	Binary
111A	Exhaust Yoke Top Outlet Pipe Flange Gasket	A111 1	Bine
111B	Exhaust Yoke Top Outlet Pipe Flange Bolt	B50 1	Binkey
112	Exhaust Yoke	A71 1	Binocle
113	Exhaust Manifold Expansion Joint Head (Male)	50	Biped
114	Exhaust Manifold Expansion Joint Head (Female)	A109 50	Birch
114R	Exhaust Manifold Expansion Joint, Assembled Complete Consisting of Parts 113, 114, 115, 115A, 116, and 116A	50	Bireme
114A	Exhaust Manifold Coupling, Water Jacketed Type	A109 1	Biretta
114B	Exhaust Manifold Coupling Gasket	A114 1	Birr
114C	Exhaust Manifold Coupling Stud	A110 1	Bisector
114D	Exhaust Manifold Coupling Stud Nut	1	Bishop
114E	Exhaust Manifold Coupling Water Drain Plug	1	Bisk
115	Exhaust Manifold Expansion Joint Gland	50	Bismuth
115A	Exhaust Manifold Expansion Joint Packing	50	Bisner
116	Exhaust Manifold Expansion Joint Stud	50	Bison
116A	Nut for Expansion Joint Stud 116	50	Bistre
CLUTCH AND REVERSE GEAR LEVERS			
117	Clutch Lever	A59 1	Bittern
117A	Clutch Lever Key	A91 1	Bivalent
118	Clutch Rod	F14 1	Bivouac
119	Clutch Rod Connection Head with Pin 119A	F13 1	Blare
119A	Clutch Rod Connection Head Pin with Cotter Pin	F32 1	Blazon

ALWAYS GIVE ENGINE NUMBER

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PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
CLUTCH AND REVERSE GEAR LEVERS - Cont'd			
120	Clutch Lever Cross Shaft.	A67 3	Bleat
121	Clutch Lever Cross Shaft Arm.	A60 3	Blenny
121A	Key for Clutch Lever Cross Shaft Arm 121.	A91 3	Bleriot
122	Clutch Lever Cross Shaft Bearing, Solid Type.	A57 3	Blight
122A	Clamping Screw for Split Cross Shaft Bearing 122B	1	Blinker
122B	Clutch Lever Cross Shaft Bearing, Split Type with Clamping Screw 122A	A57 1	Blirt
122C	Hexagon Head Cap Screw for Clutch Lever Cross Shaft Bearings 122 and 122B	A85 1	Blithe
123	Clutch Lever Cross Shaft Collar with Set Screw.	A58 3	Blob
124	Clutch Cross Shaft Arm.	A61 1	Bloom
124A	Key for Clutch Cross Shaft Arm 124.	A91 1	Blotter
127	Clutch Cross Shaft.	A68 1,37,38	Blucher
128	Clutch Cross Shaft Flanged Bearing.	A56 1	Bluster
128A	Cap Screw for Clutch Cross Shaft Flanged Bearing 128.	1	Bobac

CLUTCH AND REVERSE GEAR HOUSING

129	Clutch Housing.	A53 1	Bobbin
131	Brake Band Anchor Plate	G-90 1	Bodkin
131A	Brake Band Anchor Plate Cap Screw	1	Boer
134A	Clutch Housing Cover Eye Bolt	A100 1,26	Boggart
135	Clutch Housing Cover.	A53 1	Bogle
135A	Oil Filler Flap Door on Clutch Housing 129.	A98 -	Boko
136	Clutch Housing Cap Screw.	A65 & A50 1	Bole

WATER PUMP BODY AND PLUNGER

Note: Always state whether water pump parts are for cooling water pump or bilge pump. Bilge pump is located on exhaust manifold side of engine.

137	Water Pump Body	V1 2	Bondar
137R	Assembled Water Pump Body and Plunger with Connecting Rod Complete, Consisting of Parts 137, 138, 139, 140A, 144, 144A, 145, 146, 147 and 148	2	Bonhomie
138	Water Pump Plunger Only	K2 2	Booth
138R	Assembled Water Pump Plunger Consisting of Parts 138 and 139.	2	Borax
139	Water Pump Plunger Head Fitted with Nuts 140, Pin 141, and Set Screw 143.	V8 2	Boreas
140	Water Pump Plunger Nut (Two per Pump)	V9 2	Bort
140A	Water Pump Connecting Rod with Bushing 142.	V3 2	Bosket
141	Water Pump Wrist Pin.	V6 2	Botany
142	Water Pump Wrist Pin Bushing.	K7 2	Bough
143	Water Pump Wrist Pin Set Screw with Lock Nut.	2	Bounty
144	Water Pump Gland.	V4 2	Bourse
144A	Set Packing Rings for Water Pump Plunger.	2	Bovid
145	Water Pump Gland Bolt with Nuts 145A.	V10 2	Bovine
145A	Water Pump Gland Nut (Four per Pump).	2	Bowie
146	Water Pump Grease Cup	146 2	Bowler
147	Water Pump Base Cap Screw	V11 2	Bowman
148	Water Pump Drain Cock	#6 x 1/8" 2	Bracker

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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WATER PUMP VALVE, Type A

Note: For Type D Flat Seat Valve, see Parts 650 to 664 Fig. 30.
 Always state whether water pump parts are for cooling water pump or bilge pump. Bilge pump is located on exhaust manifold side of engine.

149	Water Pump Air Chamber	<i>M14</i>	2,29	Brad
149A	Wrench for Water Pump Air Chamber 149	<i>38, 9, 10, 11, 12</i>	26	Brail
150	Water Pump Valve Chamber	<i>M37</i>	2,29	Branch
150A	Water Pump Valve Chamber Copper Gasket	<i>M128</i>	2	Brant
150B	Water Pump Valve Chamber Cap Screw		2	Brapon
150R	Water Pump Valve Chamber Type A Bevel Seat Complete with Valves Consisting of Parts 150, 151, 152, and 153		2,29	Brash
151	Water Pump Suction Valve	<i>M41</i>	2,29	Breton
152	Water Pump Discharge Valve	<i>M41</i>	2,29	Brevet
153	Water Pump Discharge Valve Spring	<i>M45</i>	2,29	Brevier

WATER PUMP AIR VALVE

154	Water Pump Air Valve Body	<i>M56</i>	2	Bridge
154R	Water Pump Air Valve Assembly Complete, Consisting of Body 154, Cap 155, and Ball 156		2	Bridle
155	Water Pump Air Valve Cap	<i>S54</i>	2	Brier
156	Water Pump Air Valve Ball		2	Brill
157	Water Pump Air Valve Cock	<i>#6-1/8"</i>	2	Brink
159	See Part 150B	<i>3/8" x 1"</i>	-	Bristle
159B	Air Relief Cock for Bilge Pump Air Chamber	<i>159B</i>	2	Bristex
159C	Air Relief Tube for Bilge Pump Air Chamber	<i>M68</i>	2	Briton
160	See Part 140A		-	Broach

ECCENTRIC

161	Water Pump Connecting Rod Stud with Nuts 161A	<i>L8</i>	2	Cabin
161A	Nut for Water Pump Connecting Rod Stud 161		2	Cabrilla
162	Water Pump Eccentric Strap (2-halves) with Parts 161 and 163	<i>L2</i>	2	Cadet
162A	Complete Set Shims for Water Pump Eccentric Strap 162	<i>L16</i>	2	Cadre
163	Hexagon Head Bolt with Nut for Water Pump Eccentric Strap 162	<i>L6</i>	2	Caisson
164	Eccentric Sheave, Solid, One-Piece Type	<i>E3</i>	2	Caliper
164S	Eccentric Sheave, Split Type, with Parts 164B, 164C, 164D; and 164E		2 <i>E3</i>	Calotte
164A	Eccentric Sheave Key	<i>E15</i>	2	Calyx
164B	Socket Head Cap Screw for Split Eccentric Sheave 164S		2	Camion
164C	Socket Head Cap Screw Wrench for Split Eccentric Sheave 164S		26	Camote
164D	Stud for Split Eccentric Sheave 164S		2	Canadol
164E	Nut for Split Eccentric Sheave Stud 164D		2	Caparra
165	Air Compressor Eccentric Strap (2-halves) with Parts 166 and 167	<i>E1</i>	2	Caret
165A	Complete Set Shims for Air Compressor Eccentric Strap 165	<i>E18</i>	2	Cariole
166	Hexagon Head Bolt with Nut for Air Compressor Eccentric Strap 165		2 <i>E2</i>	Carman
167	Air Compressor Connecting Rod Stud with Nuts 167A	<i>E10</i>	2	Carob
167A	Nut for Air Compressor Connecting Rod Stud 167		2	Carpel

STARTING AIR COMPRESSOR

168	Air Compressor Cylinder	<i>D1</i>	1	Carter
169	Air Compressor Cylinder Head	<i>D22</i>	1,16	Carver
169R	Air Compressor Cylinder Head Assembly consisting of Parts 169, 180, 181, 182, 186, 187 and 188		16	Cascade
169A	Air Compressor Cylinder Head Gasket	<i>D-33</i>	1,16	Casern
169B	Air Compressor Valve Guard Plate	<i>D. 98</i>	1,2	Cassia
170	Air Compressor Cylinder Head Cap Screw	<i>A. 122</i>	16	Caster

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
STARTING AIR COMPRESSOR—Cont'd			
170A	Elbow Check Valve Oil Tube Fitting with Nut and Sleeve	170B <i>1/8" x 1/4"</i>	Castent
170B	Sleeve for Elbow Check Valve Fitting	170A	Castjor
171	Air Compressor Piston Fitted with Parts 172, 173 and 174.	<i>D. 2</i> 1,2	Castle
172	Air Compressor Piston Ring.	<i>D. 3</i> 2	Catena
173	Air Compressor Wrist Pin.	<i>D. 5</i> 2	Caucus
174	Air Compressor Wrist Pin Set Screw with Lock Nut.	2	Cavern
175	Air Compressor Connecting Rod with 175A Wrist Pin Bushing	<i>D. 4</i> 2	Cedar
175A	Air Compressor Connecting Rod Wrist Pin Bushing	<i>D. 34</i> 2	Cedilla
175B	Shim between Air Compressor Connecting Rod and Eccentric Strap (Specify Shim Thickness)	<i>D. 85</i> 2	Cellon
176	Air Compressor Bracket.	<i>D. 19</i> 1	Censor
177	Air Compressor Bracket Stud with Nut.	<i>D. 18</i> 2	Cental
178	Air Compressor Bracket Cap Screw.	<i>F. 138</i> 2	Cereal
180	Air Compressor Suction Valve with Nut 180A and Lock Nut 180B.	<i>D. 9</i> 16	Chafer
180A	Nut for Air Compressor Suction Valve.	<i>9/16" SAE Bronze Nut (D. 11)</i> 16	Chaffinch
180B	Lock Nut for Air Compressor Suction Valve	<i>PAL nut.</i> 16	Chagrin
181	Air Compressor Suction Valve Spring	<i>D. 10</i> 16	Chaise
182	Air Compressor Suction Valve Cap with Lever 183 and Pin 183A.	<i>D. 8</i> 16	Chevron
183	Air Compressor Manual Unloader Lever.	<i>D. 12</i> 16	Chicane
183A	Pin for Air Compressor Manual Unloader Lever.	16	Chico
184	Air Compressor Relief Valve Complete.	<i>D. 24</i> 1	Chub
184A	Air Compressor Relief Valve Spring.	<i>D. 27</i> 1	Churl
186	Air Compressor Discharge Valve Cap	<i>D. 14</i> 16	Chyme
187	Air Compressor Discharge Valve.	<i>D. 15</i> 16	Cicely
188	Air Compressor Discharge Valve Spring	<i>D. 16</i> 16	Cilla
GOVERNOR			
189R	Assembled Governor, Complete, Consisting of Upper Governor Unit 190R and Lower Governor Unit 191R.	4	Cimex
190R	Assembled Upper Governor Unit, Consisting of Parts 217R to 265 inclusive, less Parts 223A to 226D, 240A, 252, and 253	<i>190R</i> 4	Cimeron
191R	Assembled Lower Governor Unit, Consisting of Parts 191 to 198, 211, 211A, 213A, 214, 266 to 283 inclusive, less Parts 193 and 196.	<i>191R</i> 4	Cinabar
191	Governor Pedestal Fitted with Parts 191A, 192, 192A, 301 and 301A	<i>4 F. 46</i>	Cinder
191A	Governor Pedestal Drive Shaft Bushing (Two per pedestal).	<i>F. 168</i> 4	Cingue
191B	Rocker Arm Fulcrum Pin Bushing for Governor Pedestal (12 1/2" x 14" engines only).	-	Circe
192	Fuel Pump Clamping Strap.	<i>F. 121</i> 4	Circle
192A	Fuel Pump Strap Cap Screw	<i>F. 122</i> 4	Cirrus
193	Governor Stand Complete with Screws 194, and Dowel 195.	<i>F. 44</i> 4	Citadel
193A	Fuel Pump Drip Trough Complete.	<i>S. 181</i> 4	Cite
193B	Copper Drain Tube with Fittings for Fuel Pump Drip Trough 193A.	4	Cithara
194	Governor Stand Cap Screw.	<i>F. 45</i> 4	Citizen
195	Governor Stand Dowel Screw.	<i>F. 125</i> 4	Citron
196	Governor Stand Base Cap Screw	<i>F. 123</i> 4	Civet
197	Governor Drive Shaft Thrust Collar with Screws 197A	<i>F. 98</i> 4	Claret
197A	Governor Drive Shaft Thrust Collar Clamping Screw	4	Claro
198	Governor Drive Shaft Fitted with Bearing Disc 200	<i>F. 42</i> 4	Clavier
199	Governor Step Bearing Double Face Disc.	<i>F. 131</i> 4	Cleft
200	Governor Step Bearing Single Face Disc.	<i>F. 43</i> 4	Clime
201	Governor Step Bearing Adjusting Screw Fitted with Bearing Disc 200.	<i>4 F. 42</i>	Clipper
202	Governor Step Bearing Adjusting Screw Lock Nut.	<i>F. 130</i> 4	Cloud
203	Governor Step Bearing Cap	<i>F. 84</i> 4	Clove
204	Governor Gear Box Complete, Fitted with Parts 205, 205A, and 208.	<i>4 F. 35</i>	Coach
205	Governor Gear Box Cover (Two halves).	<i>F. 36</i> 4	Cobalt
205A	Fillister Head Cap Screw for Governor Gear Box Cover.	4	Cobber
206	Large Cap Screw for Governor Gear Box	<i>F. 41</i> 4	Cobble
207	Small Cap Screw for Governor Gear Box	<i>F. 132</i> 4	Cocoon

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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GOVERNOR - Cont'd

208	Governor Gear Box Bushing.	F 58 4	Codicil
209	Governor Gear Box Collar for Felt Washer 209A.	F 40. 4	Codling
209A	Governor Gear Box Felt Washer.	209 A 4	Coffer
209B	Governor Gear Box Oil Seal	209 B 1	Cogent
209C	Housing for Governor Gear Box Oil Seal 209B.	1	Cogman
209D	Gasket for Governor Gear Box Oil Seal Housing 209C	F 270 1	Cognate
209E	Governor Gear Box Oil Seal Retaining Ring.	F 306 1	Cogvex
210	Cap Screw for Felt Washer Collar 209	4	Coheir
210A	Cap Screw for Oil Seal Ring Housing.	F 297 1	Cohmar
211	Bronze Spiral Gear for Governor Drive Shaft 198.	F 38 4	Cohort
211A	Key for Bronze Spiral Gear 211	F 39 4	Colibri
212	Steel Spiral Gear for Crank Shaft.	F 37 4	Collier
212A	Key for Steel Spiral Gear 212.	F 77 4	Collin
213	Oil Gauge Glass for Governor Gear Box 204.	Q. 41 4	Collop
213A	Oil Gauge Glass for Governor Rocker Arm Oil Case 266	Q. 41 1	Colony
214	Oil Gauge Glass Holder with Gland Nut, Nipple and Packing (State whether for upper or lower end of gauge glass).	Q 39 1,4	Comfit
214A	Packing Ring for Oil Gauge Glasses 213 and 213A.	214 A 1,4	Comfrey
215	Governor Spindle, Lower Half*.	F 50 4	Comity
216	Governor Spindle Swivel Joint with Cap Screw 216A*.	F 52 4	Conch
216A	Cap Screw for Governor Swivel Joint 216*.	F 53 4	Conclave
217	Governor Spindle, Upper Half*.	F 51 4	Concord
217A	Governor Spindle Taper Pin	3/0-1 x 3/16 -1 4	Condign
217R	Governor Spindle, Assembled Complete, Consisting of Parts 215, 216; 217 and 217A	4	Condor
218	Governor Cam, Assembled Complete	F 54 4	Conflux
219	Governor Cam Spindle Pin	F 129 4	Conger
220	Governor Cam Roller Fitted with Pin 220A	F 55 4	Congress
220A	Governor Cam Roller Pin.	F 128 4	Conner
220B	Governor Cam Roller Support Pin.	F 224 4	Conoid
220C	Threaded Plug over Cam Roller Support Pin 220B	F 146 4	Conscript
221	Governor Cam Shifter with Bushing 221A	F 56 4	Console
221A	Governor Cam Shifter Bushing	F 91 4	Consort
221B	Governor Cam Shifter Taper Friction Ring (Used on Engines with Serial Nos. ending in B5, B6, CT, CF, C5 and C6).	F 237 4	Constable
221C	Taper Friction Ring Dowel Key.	F 238 4	Consul
221D	Taper Friction Ring Retainer Screw	F 243 4	Contest
221E	Taper Friction Ring Spring	F 239 4	Contrite
221F	Taper Friction Ring Adjusting Screw.	F 240 4	Contuse
222	Governor Cam Shifter Case Fitted with Feather Key 227.	F 57 4	Convert
223	Fillister Head Cap Screw for Cam Shifter Case 222.	F 59 4	Convoy
223A	Angle Screw Driver for Fillister Head Cap Screws 223	223 A 26	Coolie
224	Governor Timing Sleeve	F 64 4	Cooper
225	Governor Timing Sleeve Collar fitted with Parts 225A, 225B and 226 4 F 65		Copal
225A	Fillister Head Cap Screw for Timing Sleeve Collar 225	C 12 4	Coracle
225B	Fillister Head Cap Screw for Timing Sleeve Collar 225.	4	Coral
226	Governor Timing Sleeve Lock Screw.	F 177 1,4	Corbel
226A	Governor Timing Sleeve Lock Post	F 175 4	Cordite
226B	Governor Timing Sleeve Lock Post Socket.	F 176 1	Corve
226C	Cap Screw for Lock Post Socket 226B.	1	Cordon
226D	Taper Pin for Lock Post Socket 226B.	1	Corium
227	Feather Key with Screws 227A for Cam Shifter Casing 222.	F 94 4	Cornea
227A	Flat Head Screw for Cam Shifter Casing Feather Key 227	4	Cornice
228	Timing Sleeve Drive Pin with Nut 228B.	F 66 4	Corolla
228A	Spiral Shoe for Cam Shifter 221.	F 178 4	Corsair
228B	Nut for Timing Sleeve Drive Pin 228.	F 126 4	Cortège
229	Governor Hollow Shaft Fitted with Bushings 229A and Key 230.	F 49 4	Cortex

* # 226R Lock Post & Socket Assembly (226A & 226B) w/ 226 D
 * Note: Parts 215, 216 and 217 not furnished separately except when spindle 217R is repaired at factory.

ALWAYS GIVE ENGINE NUMBER

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
GOVERNOR - Cont'd			
229A	Bushing for Governor Hollow Shaft 229 (two bushings per shaft)	F.91 4	Corvine
230	Feather Key for Governor Hollow Shaft with Screws 230A . . .	F.115 4	Cosmos
230A	Flat Head Screw for Hollow Shaft Feather Key 230	4	Costa
231	Governor Throttle Sleeve with Pin 232 and Screw 232A	F.69 4	Coterle
232	Governor Throttle Sleeve Pin	F.97 4	Cougar
232A	Locking Screw for Governor Throttle Sleeve Pin 232	4	Courlan
233	Governor Throttle Sleeve Collar with Screws 233A	F.18 4	Creole
233A	Fillister Head Cap Screw for Throttle Sleeve Collar 233.	4	Crepon
234	Governor Flyweight Sleeve with Pin 235	F.75 4	Cresset
235	Governor Flyweight Sleeve Pin.	F.97 4	Crevice
236	Hexagon Head Pin with Roller 237 for Flyweight Sleeve 234.	F.76 4	Crewel
237	Roller for Hexagon Head Pin 236 for Flyweight Sleeve 234	F.78 4	Cricoid
238	Governor Main Spring	F.79 4	Cringle
239	Governor Main Spring Adjusting Nut	F.80 4	Crisper
240	Governor Main Spring Lock Nut.	F.81 4	Critic
240A	Wrench for Governor Main Spring Nuts 239 and 240	38 26	Croft
241	Governor Flyweight Fitted with Fulcrum Pin 242 and Taper Pin	F.74 4	Cropper
* 242R	Governor Flyweight Fulcrum Pin with Taper Pin 242A	F.98 4	Crozier
242A	Taper Pin for Governor Fulcrum Pin 242	4	Crosstie
243	Governor Flyweight Case with Oil Tubes 248	F.73 4	Croton
243A	Fillister Head Cap Screw for Flyweight Case 243 ^{44 20x 3/8 L.F. 111. H.D.}	4	Croydon
* 243B	Governor Flyweight Disc with Fulcrum Pin Bushings 244A	F.12 4	Crumpet
244A	Governor Fulcrum Pin Bushing	F.167 4	Crunode
245	Stand for Governor Flyweight Oil Cup 246	Q.33 4	Cruppet
246	Governor Flyweight Oil Cup	Q.34 4	Cubit
247	Long Oil Tube for Governor Flyweight Oil Cup	Q.35 4	Cudgel
248	Short Oil Tube for Governor Flyweight Casing 243	Q.37 4	Cuirass
249	Clamp with Screw and Nut 249A for Flyweight Oil Tube 247	Q.36 4	Cupel
249A	Screw with Nut for Oil Tube Clamp 249.	4	Currator
250	Bearing Collar for Governor Flyweight Disc Complete with Screws		
250A	250A.	F.85 4	Currey
250A	Fillister Head Cap Screw for Flyweight Disc Bearing Collar 250	F.120 4	Cursus
251	Hexagon Cap Screw for Bearing Collar 250	4	Curvet
252	Governor Bracket with Pin 258, Bushing 252A, and Screw 258B.	F.82 4	Cushat
252A	Bushing in Governor Bracket for Pin 260.	F.244 1	Cusp
253	Hexagon Cap Screw for Governor Bracket 252	F.132 4	Cutler
254	Governor Throttle Fork Lever Fitted with Acorn Head Cap Screws		
254A and 349A	254A and 349A	F.71 4,15	Cygnat
254A	Acorn Head Cap Screw for Throttle Fork Lever 254	F.111 4,5	Cygnus
254B	Bushing for Governor Throttle Fork Lever 254	257B 4	Cymar
255	Governor Timing Fork Lever Fitted with Pin 328	F.68 1,4	Cymbal
255A	Bushing for Governor Timing Fork Lever 255 ^{F.207-45. 4-255A Fig. T.30}	4	Cynoid
256	Governor Throttle Fork Lever Hinge Fitted with Pin and Nut 259	F.106 4	Dakoit
257	Governor Timing Fork Lever Hinge Fitted with Pins 260 and 261	F.103 4	Darnel
258	Fulcrum Pin for Throttle Fork Lever Hinge 256.	F.108 4	Darter
258A	Oil Cup for Fulcrum Pin 258.	258A 4	Dasheen
258B	Locking Screw for Fulcrum Pin 258.	4	Dasyure
259	Pin and Nut for Throttle Fork Lever Hinge 256.	F.107 4	Dative
260	Fulcrum Pin and Nut for Timing Fork Lever Hinge 257.	F.104 1	Decapod
261	Pin and Nut for Timing Fork Lever Hinge 257.	F.105 4	Decoy
262	Pivot Screw and Nut for Throttle Fork Lever 254.	F.109 4	Deemster
263	Pivot Screw and Nut for Timing Fork Lever 255.	F.110 4	Delta
264	Governor Speed Adjusting Spring.	F.112 4	Delver
265	Governor Speed Adjusting Screw and Nut	F.113 4	Demy
265A	Governor Speed Adjusting Screw Bracket	F.114 4	Derecho
265B	Hexagon Cap Screw for Governor Speed Adjusting Screw Bracket		
	(12 1/2 x 14" Engines only).	-	Derma

* 241R Gov. Flywheel w/242 & 242A
 ** 243B Lock Washer for 243A 1/4" x 1/16" x 1/16"

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
FUEL INJECTION PUMP ROCKER ARM AND TAPPET			
266	Rocker Arm Oil Case	F60 4	Dermo
266A	Rocker Arm Oil Case Gasket	F265 4	Dervis
266B	Fillister Head Cap Screw with Lock Washer for Rocker Arm Oil Case 266	4	Desert
266C	Rocker Arm Oil Case Filling Plug with Vent Hole.	F273 1	Desman
267	Fuel Pump Primer Cap with Taper Pin.	F61 1,4	Despot
268	Fuel Pump Primer Stem.	F62 4	Detent
268A	Fuel Pump Primer Stem Fitted with Cap 267.	4	Dexter
268R	Fuel Pump Primer Assembled Complete, Consisting of Parts 267, 268, 269, 270 and 271	4	Dhurra
269	Fuel Pump Primer Spring.	F117 4	Diadem
270	Fuel Pump Primer Sleeve.	F63 4	Dibble
271	Fuel Pump Primer Lock Screw.	F119 4	Dictum
271A	Screw for Attaching Primer Sleeve to Rocker Arm Oil Case 266	4	Diorite
271B	Fuel Pump Priming Lever (12½" x 14" engines only).	F202-45 26	Digest
271C	Socket for Fuel Pump Priming Lever 271B.	-	Digraph
271D	Fillister Head Cap Screw for Fuel Pump Priming Lever Socket 271C	-	Dike
272	Fuel Pump Rocker Arm fitted with Retainer Spring Pins 279.	S66 4	Docket
272R	Fuel Pump Rocker Arm Assembled Complete Consisting of Parts 272, 274, and 276.	4	Dogger
273	Rocker Arm Fulcrum Pin with Nut 273A and Cotter Pin.	S67 4	Dolman
273A	Nut for Rocker Arm Fulcrum Pin 273	S147 4	Donax
274	Rocker Arm Roller with Bushing 275	S68 4	Donjon
275	Rocker Arm Roller Bushing.	S70 4	Dormer
276	Rocker Arm Roller Pin with Nut 277, Washer 277A, and Cotter Pin 277B.	S69 4	Dotard
277	Nut for Rocker Arm Roller Pin 276.	S72 4	Dowlas
277A	Washer for Rocker Arm Roller Pin 276	S71 4	Doyen
277B	Cotter Pin for Rocker Arm Roller Pin Nut 277	18 x 1" 4	Dragnet
278	Rocker Arm Retainer Spring	S94 4	Dram
279	Rocker Arm Retainer Spring Pin	S93 4	Drone
280	Fuel Pump Tappet with Pin 281.	S64 4	Drupe
280R	Fuel Pump Tappet Assembly Complete consisting of parts 280, 281, 282, 283.	4	Dryad
281	Fuel Pump Tappet Pin	S95 4	Dryer
282	Tappet Adjusting Screw	S62 4	Duenna
283	Tappet Adjusting Screw Lock Nut.	S63 4	Dunlin
283A	Punch for Moving Tappet Adjusting Screw 282.	283 A 26	Dunnite
283B	Fuel Pump Stroke Gauge	283 B 26	Duofold
FUEL INJECTION PUMPS			
284	Fuel Pump Plunger for Packing Type Pump.	S18 4	Durbar
284A	Fuel Pump Plunger for Lapped Packingless Pump (Always furnished with Barrel 291A)	284A 4	Durian
285	Fuel Pump Plunger Spring	S96 4	Eagle
286	Fuel Pump Plunger Guide Bushing.	S65 4	Earwig
287	Fuel Pump Valve Body	S58 4	Easel
287R	Fuel Pump Valve Body for Packing Type Pump, Assembled Complete, consisting of Parts 287, 288, 289A, 290A, and 296. Includes Barrel 291 unless 291 is sent in for Factory Fitting.	4	Eclipse
287RL	Fuel Pump Valve Body for Packingless Lapped Pump Assembled Complete, consisting of Parts 287, 289A, 290A and 296. Includes Barrel and Plunger 291A unless 291A is sent in for Factory Fitting	4	Ecran
288	Fuel Pump Valve Cap.	S54 4	Edict
289A	Fuel Pump Valve.	S138 4	Egret
290A	Fuel Pump Valve Spring	S35 4	Eland
291	Fuel Pump Barrel for Packing Type Pump. Includes Valve Body 287R unless 287R is sent in for Factory Fitting.	S100 4	Elder

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
FUEL INJECTION PUMPS - Cont'd			
291A	Fuel Pump Barrel with Plunger 284A for Packingless Pump. Includes Valve Body 287RL unless 287RL is sent in for Factory Fitting	291A 4	Elector
292	Fuel Pump Gland	4	Elvan
292A	Fuel Pump Ring Packing	292A 4	Ember
293	Fuel Pump Gland Nut	4	Emir
294	Fuel Pump Gland Nut Locking Clip	4	Empire
294A	Screw for Fuel Pump Gland Locking Clip	-	Emption
295	Fuel Pump Barrel Lock Nut	5.98 4	Enactor
296	Fuel Pump Half Union (Specify whether for Brass or Steel Tube)	5.46 4	Enclave
297	Fuel Pump Union Nut (Specify whether for Brass or Steel Tube)	7.18 4	Encore
298	Fuel Pump Bracket with Guide Bushing 286	5.57 4	Endive
299	Fuel Pump Bracket Jam Nut	5.60 4	Envoy
300	Fuel Pump Tappet Casing	5.61 4	Epoch
300R	Fuel Injection Pump (Packing Type) Assembled Complete Consisting of Parts 284, 285, 287, 288, 289A, 290A, 291, 292, 292A, 293, 294, 294A, 295, 296, 298, 299, and 300	300R 4	Era
300RL	Fuel Injection Pump (Lapped Packingless Type) Assembled Complete Consisting of Parts 284A, 285, 287, 288, 289A, 290A, 291A, 295, 296, 298, 299 and 300	300RL 4	Erase
301	Lock Screw for Tappet Adjusting Screw 282	4	Eremite
301A	Fibre Button Between Lock Screw 301 and Tappet Adjusting Screw 282	4 F229	Escolar
302	Pointer Arm to Indicate Flywheel Markings	1	Esquire
302A	Wrench for Fuel Pump Barrel Nut 295	38-4, 38-7, 38-8, 26	Ester
302B	Wrench for Fuel Pump Bracket Nut 299	38-6, 26	Eton

GOVERNOR CONTROL LEVERS

303	Throttle Lever Fitted with Parts 305, 306, 307, 307A, 308, 309, 310 and 312	F134 14	Facade
303A	Taper Pin for Throttle Lever Hub	14	Facet
304	Timing Lever Fitted with Parts 305, 306, 307, 307A, 308, 309, 310, (311), (311A), 314, 315 and 316	F135 1,5,14	Factor
304A	Key for Timing Lever Hub	F17.3 14	Fad
305	Lever Trigger with Rivets	F8 5,14	Fagot
306	Lever Trigger Rod Collar	F19.5 5,14	Fakeer
307	Lever Trigger Rod	F9 5,14	Falcon
307A	Lever Trigger Rod Washer	F19.6 5,14	Fanion
308	Lever Trigger Rod Guide with Rivet	F.31 5,14	Fardel
309	Lever Trigger Spring	F.11 5,14	Farrier
310	Lever Pawl Guide Plate with Rivets	F.3.0 5,14	Fascia
310A	Lever Pawl Guide Plate for Double Pawl with Rivets	F.3.0 5	Fascicle
311	Timing Lever Single Pawl	F.13.6 5,14	Fascine
311A	Timing Lever Double Pawl	F.13.6 5	Fauna
312	Throttle Lever Pawl	F.137 14	Felon
313	Timing Lever Clamp Wheel	F.3 14	Felspar
313A	Timing Lever Clamp Washer	F.9.5 15	Felucca
313B	Timing Lever Clamp Wheel Stud	F.23.1 14	Fenian
314	Timing Lever Auxiliary Pawl	F.16.4 5,14	Ferret
314R	Timing Lever Auxiliary Pawl Assembly, consisting of Parts 314, 315, and 316	5,14	Ferrule
315	Timing Lever Auxiliary Pawl Handle	F.16.5 5,14	Fescue
316	Timing Lever Auxiliary Pawl Bearing with Screws	F.16.6 5,14	Festoon
317	Timing Lever Quadrant	F.9.2 5,14	Fetlock
318	Throttle Lever Quadrant	F.9.3 14	Fetter
319	Lever Quadrant Bearing	F.9.0 5,15	Fiat
320	Lever Quadrant Stud	F.9.0 15	Fibre
320A	Lever Quadrant Spacing Collar	F.16.9 15	Fichu
321	Shouldered Nut for Lever Quadrant Stud 320	F.16.2 14,15	Fief
321A	Hexagon Nut for Lever Quadrant Stud 320	15	Figwort

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
GOVERNOR CONTROL LEVERS—Cont'd			
322	Lever Quadrant Bracket and Cap with Parts 322A, 322B and 338.	F85 5,15	Filbert
322A	Fillister Head Cap Screw for Cap on Bracket 322	5,15	Filiform
322B	Fillister Head Dowel Screw for Cap on Bracket 322	F269 5,15	Filigree
322C	Winged Cap for Cap on Bracket 322	B-4 5,15	Filite
323	Hexagon Cap Screw for Bracket 322	F138 5,15	Fillet
324	Governor Lever Cross Shaft	F88 15	Flord
325	Governor Lever Hollow Cross Shaft	F89 15	Firkin
326	Governor Lever Cross Shaft Cam with Taper Pin	F87 4,15	Firman
327	Governor Lever Hollow Cross Shaft Arm Fitted with Pin and Nut 328 and Clamping Screw 328A	F86 5,15	Firth
327A	Key for Hollow Cross Shaft Arm 327	F172 5,15	Fisc
328	Shouldered Pin, Nut and Washer	F12 1,15	Fissure
328A	Clamping Screw for Cross Shaft Arm 327 with Lock Washer	15	Flair
329	Throttle Hand Wheel Fitted with Grip Pin 330	F155 15	Fleam
330	Throttle Hand Wheel Grip Pin	G34 15	Fleck
331	Throttle Hand Wheel Cross Bar Fitted with Parts 331A, 332, and 333	14,15 F158	Fleet
331A	Throttle Hand Wheel Stop Pin	F160 14	Fletcher
332	Throttle Hand Wheel Stud Pin	F161 15	Flexor
333	Screw and Washer for Hand Wheel Stud Pin 332	F24 15	Flint
334	Throttle Hand Wheel Clamp Plate	F156 15	Flipper
335	Throttle Hand Wheel Fibre Friction Washer	F157 15	Flitich
336	Throttle Clamping Wheel	F159 15	Floe
337	Throttle Control Upper Lever Fitted with Pin 341A	F149 15	Floret
338	Shouldered Pin with Nut and Washer for Upper Control Lever 337	F157 5,15	Florin
339	Swivel Head with Nut and Washer for Upper Control Lever 337	F152 15	Flotsam
340	Throttle Control Lever Rod with Nuts	F153 5,15	Fluke
340A	Governor Timing Control Rod with Nuts	F20 1,15	Flume
341	Upper Connection Head, R.H. Thread for Timing Control Rod 340A	F15 15	Flux
341A	Shouldered Pin with Nut and Washer for Control Levers	F12 5,15	Fob
341B	Upper Connection Head, R.H. Thread for Throttle Control Rod 340A	F15 5,15	Focal
342	Lower Connection Head, L.H. Thread for Timing Control Rod 340A	F15 1	Focus
342B	Lower Connection Head, L.H. Thread for Throttle Control Rod 340A	F15 15	Foil
343	Throttle Control Lower Lever Fitted with Pin 341A	F150 15	Folio
344	Bearing Bracket for Throttle Control Lower Lever with Pin 344A	F144 15	Forage
344A	Pin with Nut and Washer for Throttle Control Lower Lever Bracket 344	F151 15	Forel
345	Swivel Head with Nut and Washer for Throttle Control Lever 343	F152 15	Forester
345A	Lower Terminal Plate for Auxiliary Spring 348A	F214 15	Format
346	Nut for Control Spring Tension Rod 347	15	Forte
346A	Nut for Auxiliary Spring Tension Rod 347A	15	Fortress
347	Throttle Control Spring Tension Rod with Nuts 346	F143 15	Forum
347A	Throttle Control Auxiliary Spring Tension Rod with Nuts 346A	F218 15	Fosse
348	Throttle Control Spring	F141 15	Foulard
348A	Throttle Control Auxiliary Spring	F141 15	Founder
349A	Acorn Head Cap Screw on Throttle Fork Lever	F11 4,5,15	Fount
349B	Upper Terminal Plate for Throttle Control Auxiliary Spring 348A	F213 15	Fourgon
AIR DISTRIBUTOR			
350	Air Distributor Lever Complete with Clamping Screw, Taper Pin and Parts 350A, 350B and 350C	48	Fowler
350A	Air Distributor Lever Pawl	48	Foxbane
350B	Spring for Air Distributor Lever Pawl	48	Foyer
350C	Retainer Plug for Air Distributor Lever Pawl Spring 350B	48	Frab
351	Air Distributor Lever Stem with Cross Pin 351B	48	Franc
351A	Packing for Air Distributor Lever Stem	48	Fraxin
351B	Cross Pin for Air Distributor Lever Stem	48	Freestone
352	Air Distributor Disc Valve	T30 48	Fresco
353	Air Distributor Quadrant with Stop Collars 354	48	Freshet
354	Air Distributor Quadrant Stop Collar with Screw	48	Frieze

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
AIR DISTRIBUTOR—Cont'd			
355	Air Distributor Lever Stem Bearing.	48	Frigate
356	Air Distributor Lever Stem Gland.	48	Frill
357	Air Distributor Lever Stem Gland Nut.	48	Fringe
358	Air Distributor Lever Stem Jam Nut.	48	Frit
358A	Air Distributor Lever Stem Bearing Washer	48	Frizette
359	Air Distributor Head, Lever Operated Type	48	Fronc
359A	Air Distributor Head, Non-Reversing Type (Used on two Cylinder engines)	<i>T-2</i> 20	Frontage
359B	Air Distributor Head, Dial Control Type	<i>T.2.</i> 1,5,19	Frontal
360	Air Distributor Cap	48	Frontlet
360A	Gasket between Air Distributor Cap 360 and Head 359	<i>T.80.</i> 48	Frustum
361	Hexagon Cap Screw for Air Distributor Cap 360	48	Fugue
361A	Gasket between Air Distributor Head and Body 362.	<i>T.83</i> 19,20,48	Fulgent
361B	Air Distributor Thrust Adjusting Set Screw.	19,48	Fulig
361C	Locking Set Screw for Air Distributor Thrust Adjusting Screw 361B	19,48	Fulling
361D	Threaded Plug over Air Distributor Thrust Adjusting Set Screw 361B	<i>Q.30</i> 19	Fullness
362	Air Distributor Body.	<i>T-1</i> 19,20,48	Fulmar
362AR	Air Distributor Assembly, Lever Operated Type Consisting of Parts 350 to 378 inclusive, less Parts 359A, 359B, 361D, 374, 374A, 374B, 375 and 376.	48	Fungus
362BR	Air Distributor Assembly, Non-reversing Type (used on two cylinder engines), Consisting of Parts 359A to 378, less parts 359B, 360, 360A, 361, 361B, 361C, 361D, 373, 373A, 374, 374A, 374B, 375 and 376.	20	Funia
362CR	Air Distributor Assembly, Dial Control Type, consisting of Parts 359B to 378, less parts 360, 360A, 361, 374, 374A, 374B, 375 and 376.	19	Funibar
363	Air Distributor Rotary Valve.	<i>T.7.</i> 19,20,48	Funicle
363A	Air Distributor Rotary Valve Key.	<i>#9 Woodruff</i> 19,20,48	Fundus
364	Air Distributor Spindle Fitted with Nut 372 and Step Bearing Disc 373A (Note: 373A not used on 2 cylinder engines)	<i>T.3.</i> 19,20,48	Furcate
364A	Air Distributor Spindle Packing	<i>3.64 A</i> 19,20,48	Furfur
365	Air Distributor Coupling.	<i>T.33.</i> 19,20,48	Furlong
366	Air Distributor Coupling Shear Key.	<i>T.38.</i> 19,20,48	Furrier
367	Air Distributor Spindle Bearing	<i>T.34.</i> 19,20,48	Furrow
368	Air Distributor Spindle Gland Nut	<i>T.36.</i> 19,20,48	Furze
368A	Air Distributor Spindle Gland	<i>T.35.</i> 19,20,48	Fusil
369	Air Distributor Spindle Bearing Jam Nut	<i>T.37.</i> 19,20,48	Fustian
370	Air Distributor Body Cap Screw.	<i>T.32.</i> 19,20,48	Gabian
371	Air Distributor Ball Thrust Bearing	19,20,48	Gaffer
372	Air Distributor Spindle Nut	<i>T.58.</i> 19,20,48	Galena
373	Step Bearing Disc for Air Distributor Head.	<i>F.43.</i> 19,48	Galley
373A	Step Bearing Disc for Air Distributor Spindle 364	<i>F.43 A</i> 19,48	Gamut
374	Air Distributor Bracket with Clamping Bolt 376.	<i>T.19.</i> 19,20,48	Gannet
374A	Brace from Air Distributor to Exhaust Manifold.	<i>T.69.</i> 5,48	Ganoid
374B	Cap Screw for Attaching Brace 374A to Air Distributor Bracket 374	5,48	Gantex
375	Air Distributor Bracket Cap Screw	<i>T.32.</i> 19,48	Gantlet
376	Air Distributor Bracket Clamping Bolt	<i>T.25.</i> 19,20,48	Garland
377	Air Distributor Oil Cup	<i>3.77.</i> 1,19,20,48	Garth
377A	Glass for Air Distributor Oil Cup 377	<i>3.77 A</i> 19,20	Gatling
377B	Cork Gasket for Air Distributor Oil Cup Glass 377A.	<i>3.77 B</i> 19,20	Gaul
377C	Sight Feed Glass for Air Distributor Oil Cup 377.	<i>3.77 C</i> 19,20	Gauss
377D	Cork Gasket for Air Distributor Oil Cup Sight Feed Glass 377C.	<i>3.77 D</i> 19,20	Gavel
378	Air Distributor Oil Cup Elbow	<i>Q.57</i> 1,19,20,48	Gazelle

AIR DISTRIBUTOR COPPER TUBES

379	Air Distributor Head Elbow with Nipple 379A	1,5,19,20,48	Gerund
379A	Nipple for Air Distributor Head Elbow 379	19,20,48	Gesture

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
AIR DISTRIBUTOR COPPER TUBES—Cont'd			
379B	Air Release Cock for Air Distributor Head Elbow 379	48	Gewar
380	Air Distributor Copper Tubing Union	<i>717.</i> 1,5,9,19,20, 48	Geysar
381	Air Distributor Copper Tubing Union Nut	<i>718.</i> 1,5,9,19,20, 48,50	Gibbon
382	Air Distributor Inlet Copper Tube with Nuts 381	48,50	Gigot
383	Air Distributor Outlet Copper Tube with Nuts 381 (State to which Cylinder).	1,5,9,19, 20,48,50	Gimlet
AIR DISTRIBUTOR, Miscellaneous Parts			
384	Globe Valve for Air Distributor Inlet Copper Tube 382	50	Girder
385	Angle Valve for Air Inlet Valve on No. 1 Cylinder	50	Glacier
386	Air Starter Globe Valve	50	Glade
387	Quick Opening Lever Operated Air Valve.	20,50	Glair
387A	Air Gauge on Engine	50	Glebe
387B	Air Gauge Pipe Brace.	50	Glover
387C	Fillister Head Screw for Pipe Brace 387B.	-	Gloxinia
387D	Composition Renewal Disc for Valve 387.	20	Glum
STARTING AIR INLET VALVE			
388	Starting Air Inlet Valve Body	<i>710.</i> 9,34	Gluten
388A	Starting Air Inlet Valve Gasket (12½" x 14" engines only)	<i>787.</i> 34	Glyptic
388R	Assembled Starting Air Inlet Valve Complete, Consisting of Parts 388, 389, 390, 391, 392 and 393.	<i>388R</i> 9,34	Gnarl
389	Starting Air Inlet Valve Stem	<i>711.</i> 9,34	Gnat
390	Starting Air Inlet Valve Spring	<i>716</i> 9,34	Goal
391	Starting Air Inlet Valve Seating Wheel.	<i>715</i> 9,34	Gobbet
392	Starting Air Inlet Valve Stem Nut with Lock Washer.	<i>728</i> 9,34	Golfor
393	Starting Air Inlet Valve Locking Wheel.	<i>714.</i> 1,9,34	Gondola
394A	Hexagon Cap Screw for Starting Air Inlet Valve Body 388 (12½" x 14" engines only).	34	Gonfalon
FUEL INJECTION NOZZLE			
397	Fuel Injection Nozzle Body.	<i>527</i> 10	Gong
397R	Assembled Fuel Injection Nozzle Complete, Consisting of Parts 397, 398, 399, 401, 402 and 405.	<i>397R</i> 10	Gopher
398	Fuel Injection Nozzle Tip	<i>528</i> 10	Gorgon
398R	Assembled Fuel Injection Nozzle Spray Tip Complete, Consisting of Parts 398 and 399	10	Gorge
399	Fuel Injection Nozzle Spiral with Nut 400	<i>579.</i> 10	Gourd
400	Lock Nut for Fuel Injection Nozzle Spiral 399	<i>580.</i> 10	Gowan
401	Fuel Injection Nozzle Valve with Valve Nut 404.	<i>576</i> 10	Grapel
402	Fuel Injection Nozzle Valve Spring.	<i>577.</i> 10	Grenade
404	Fuel Injection Nozzle Valve Nut	<i>578.</i> 10	Grower
405	Fuel Injection Nozzle Cap	<i>581.</i> 10	Gullet
405A	Hexagon Socket Wrench for Removing Fuel Injection Nozzle.	<i>5161.</i> 26	Gurnet
406	Fuel Injection Nozzle Union Nut	<i>545</i> 1,10	Gyre
PRESSURE FUEL FILTER			
407	Pressure Fuel Filter Body	<i>5105</i> 1,11	Hackle
407R	Assembled Pressure Fuel Filter Consisting of Parts 407, 408, 408A and 409	11	Haddock
408	Pressure Fuel Filter Plug	<i>5106</i> 11	Haft
408A	Pressure Fuel Filter Spring	<i>5140</i> 11	Halberd
409	Pressure Fuel Filter Cap.	<i>5107</i> 11	Halcyon
410	Pressure Fuel Filter Union Nut.	<i>718</i> 1,11	Halter

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
FUEL STRAINER			
411	Fuel Strainer Body	<i>549</i> 1,8	Halyard
411R	Assembled Fuel Strainer Complete consisting of Parts 411, 412, 413, 414, 415A, 416, and 417.	8	Hamlet
412	Inner Strainer with Gasket 412A.	<i>547</i> 8	Hamper
412A	Inner Strainer Gasket.	<i>5159</i> 8	Handsel
412B	Wire Cloth for Replacement on Inner Strainer 412	<i>412B</i> 8	Hanker
413	Outer Strainer with Gasket 413A.	<i>548</i> 8	Haricot
413A	Outer Strainer Gasket.	<i>5159A</i> 8	Hart
413B	Wire Cloth for Replacement on Outer Strainer 413	<i>413B</i> 8	Harvest
414	Fuel Strainer Manifold with Unions 415A.	<i>5124</i> 8	Hassock
415	Union Nut on Fuel Strainer Manifold 414.	<i>718</i> 8	Hatch
415A	Union on Fuel Strainer Manifold 414.	<i>546</i> 8	Hatter
416	Fuel Strainer Plug	8	Haven
417	Fuel Strainer Drain Cock	<i>1/8"</i> 1,8	Hawker
418	Fuel Strainer Globe Valve.	1,8	Heather
418A	Nipple Between Valve 418 and Strainer Body 411	8	Hebrew

FUEL SERVICE PUMP, Type A

Note: For lapped packingless type fuel service pump, see parts 1150R to 1160 inclusive and Fig. 21.

419	Fuel Service Pump Barrel	<i>5112</i> 7	Hedge
419R	Assembled Fuel Service Pump, Type A with Packed Plunger, Complete, Consisting of Parts 419 to 436 (For Lapped Packingless Type B Pump Assembly, See 1150R).	7	Helix
420	Fuel Service Pump Barrel Lock Nut.	<i>5118</i> 7,21	Helm
421	Fuel Service Pump Plunger.	<i>5113</i> 7	Helve
421A	Fuel Service Pump Packing.	<i>421A</i> 7	Hemex
422	Fuel Service Pump Gland.	<i>735</i> 7	Hemp
423	Fuel Service Pump Gland Nut.	<i>5115</i> 7	Herald
424	Oil Pump Wrist Pin with Nut.	<i>M6</i> 7,21,28	Herbal
424A	Nut for Oil Pump Wrist Pin 424 and Driving Arm Pin 426	21,28	Herdic
425	Oil Pump Driving Arm	<i>3116</i> 7,21,28	Heritor
426	Oil Pump Driving Arm Pin with Nut 424A	<i>M6</i> 7,21,28	Hermit
427	Oil Pump Driving Arm Link.	<i>M5</i> 7,21,28	Heron
428	Oil Pump Driving Arm Link Pin with Nut 428A.	<i>M7</i> 7,21,28	Hewer
428A	Nut for Oil Pump Driving Arm Link Pin 428.	21,28	Hiatus
429	Fuel Service Pump Bracket.	7,21	Hickory
430	Oil Pump Bracket Cap Screw	<i>A39</i> 7,21,28	Hillock
431	Fuel Service Pump Horizontal Ball Check Valve.	7	Hindu
431A	Nipple Between Check Valve 431 and Fuel Service Pump Barrel 419.	7	Hirudo
432	Oil Pump Driving Arm Rod with Nut 432A	<i>3120</i> 7,21,28	Hobby
432A	Nut for Oil Pump Driving Arm Rod 432	7,21,28	Hock
433	Oil Pump Driving Arm Sliding Head with Clamping Screw.	<i>433</i> 7,21,28	Hockey
434	Shouldered Pin with Nut on Oil Pump Driving Arm Sliding Head 433.	<i>31917</i> 7,21,28	Holm
435	Oil Pump Connection Rod with Nuts 435A	<i>5121</i> 7,21,28	Holster
435A	Nut for Oil Pump Connection Rod 435.	7,21,28	Hombre
436	Oil Pump Connection Head (State whether Upper or Lower Head)	<i>715</i> 7,21,28	Homer
437	Oil Pump Drive Pin with Nut 437A	<i>5122</i> 2,7,21	Hornet
437A	Nut for Oil Pump Drive Pin 437	7,21	Hornstone
438	Shouldered Bearing Sleeve for Oil Pump Drive Pin 437	<i>5123</i> 7,21	Hosier
438A	Spacing Washer for Oil Pump Drive Pin 437.	<i>911</i> 7,21	Hotspur
438B	Spacing Sleeve for Oil Pump Drive Pin 437.	<i>911</i> 7,21	Howel

FUEL INJECTION TUBES

439	Suction Tube from Fuel Strainer to Fuel Injection Pump Complete with Union Nuts (Specify Cylinder No.).	1,8	Hulk
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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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FUEL INJECTION TUBES - Cont'd

440	Long Fuel Injection Tube Between Fuel Pump and Pressure Fuel Filter Complete with Union Nuts (Specify Cylinder No.)	1	Hurdle
440A	Fuel Injection Tube Brace with Clamping Screw	<i>A15</i> 1	Hurix
440B	Screw for Attaching Fuel Injection Tube Brace 440A to Cylinder	<i>A1321</i>	Hurley
440C	Clamp for Fuel Injection Tube with Screw for Attaching (State for which Cylinder)	<i>S148</i> 1	Hurra
441	Short Fuel Injection Tube between Pressure Fuel Filter and Injection Nozzle Complete with Union Nuts (Specify Cylinder No.)	1,10,11,34	Hurst
441A	Brazing Sleeve for Steel Fuel Injection Tube	<i>S164</i> 17	Hussar
441B	Union Nut for Steel Fuel Injection Tube	<i>S45</i> 17	Hutch
441C	Male Threaded Brazing Sleeve for Steel Fuel Injection Tube Coupling 441R.	<i>S165</i> 17	Hyla
441R	Assembled Coupling for Steel Fuel Injection Tube Consisting of Parts 441A, 441B, and 441C	17	Hyoid

LUBRICATORS

Note: For Lubricator Parts Not Listed Here see Detailed Lubricator Parts Book.

442	Force Feed Lubricator on Exhaust Side of Engine for Cylinder Lubrication, complete, less Driving Arm 444B. (See Lubricator Parts Book for Detail Parts List) <i>(Reverse on LH Engine)</i> . <i>LH</i>	1,2	Ibex
442A	Lubricator Oil Tube with Union Nut on Each End, Leading from Cylinder Lubricator 442 to Cylinder. (State Cylinder and Point of Lubrication to which oil tube is to lead)	2	Icaco
442R	Complete Set of Lubricator Oil Tubes 442A with Union Nuts on Each End, Leading from Cylinder Lubricator 442 on Exhaust Side of Engine to points of Lubrication on each Cylinder)	2	Icarus
442B	Clip for Attaching Cylinder Lubricator Oil Tubes 442A to lower Cylinder Flange with Screw 442C. (State for which Cylinder)	<i>Q45</i> 2	Ichnite
442C	Screw for Lubricating Oil Tubing Clip 442B.	2	Ichor
443	Force Feed Lubricator on Control Side of Engine for Bearing Lubrication, complete less Driving Arm 444B. (See Lubricator Parts Book for Detail Parts List) <i>(REVERSE ON LH ENGINE)</i> . <i>R.H</i>	1,2,28	Idiom
443A	Lubricator Oil Tube with Union Nuts on Each End Leading from Bearing Lubricator 443 on Control Side of Engine to Bearing. (State bearing to which oil tube is to lead)	2	Igloo
443R	Complete Set of Lubricator Oil Tubes 443A with Union Nuts on Each End Leading from Bearing Lubricator 443 on Control Side of Engine to Points of Lubrication on Bearings.	2	Ilex
443B	Clip for Attaching Bearing Lubricator Oil Tubes 443A to Cylinder Lower Flange, with Screw 443C (State for which Cylinder)	<i>Q45</i> 2	Imbrex
443C	Screw for Lubricating Oil Tubing Clip 443B.	2	Impl
443D	Wrench for Union Nut on Lubricator End of Oil Tubes	<i>443D</i> 26	Impost
444	Lubricator Rod with Nuts 444A	<i>Q-1</i> 2	Incisor
444A	Nut for Lubricator Rod 444.	2	Incus
444B	Lubricator Driving Arm with Clamping Screw.	<i>444B</i> 1,2	Indigo
445	Upper Connection Head for Lubricator Rod 444.	<i>445</i> 2	Inditer
445A	Lubricator Rod Sliding Head with Clamping Screw 445D <i>See</i>	<i>443</i> 2	Ingot
445B	Lower Connection Head for Lubricator Rod 444.	<i>445B</i> 2	Inogen
445C	Shouldered Pin with Nut for Sliding Head 445A	<i>445C</i> 2	Intaglio
445D	Hexagon Head Clamping Screw for Sliding Head 445A	<i>445D</i> 2	Inula
446	Lubricator Rod Drive Pin with Nut	<i>Q10</i> 2	Invader
447	Gravity Feed, Glass Body Oiler Mounted on Compressor (State Number of Feeds)	<i>447</i> 50	Iris
447A	Angle Bracket for Gravity Feed Oiler 447.	<i>Q24-1.7.3</i> -	Isagon
448	Air Compressor Connecting Rod Oil Cup with Screws for Attaching	<i>Q19</i> 2	Islet
448A	Half Union for Air Compressor Connecting Rod Oil Cup 448.	2	Isling
448B	Air Compressor Connecting Rod Oil Tube with Union Nuts 448D	2	Iskar

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
LUBRICATORS - Cont'd			
448C	Elbow for Air Compressor Connecting Rod Oil Cup 448.	2	Ismal
448D	Union Nut for Air Compressor Connecting Rod Oil Tube 448B.	2	Ismene
449	Shouldered Pin with Nut, Beveled Washer, and Lock Washer for Oil Cup 449A on Air Compressor Eccentric Strap 165.	2	Isobar
449A	Oil Cup for Air Compressor Eccentric Strap 165	Q19 2	Isopod
450	Oil Cup for Water Pump Eccentric Strap 162	Q19 2	Italic
451	Short Pin with Nut, Beveled Washer, and Lock Washer for Oil Cup 450	Q40-2 2	Jaguar
451A	Long Pin with Nut, Beveled Washer, and Lock Washer for Oil Cup 450	Q40-11 Q40-2 -	Jaina
452	Elbow for Cylinder Lubricator Oil Tube	53F 1,3	Jalap
452A	Union Nut for Lubricator Oil Tube Elbow 452.	41FS 1,3	Janca
453	Ball Check Valve Fitting for Bearing Lubricator Oil Tube	43F 1,13	Japan
453A	Union Nut for Copper Tube.	41FS 1,5,13	Jargon
454	Lubricator Bracket (State whether for Cylinder or Bearing Lubricator)	Q24 2	Jarrah
454A	Lubricator Bracket Cap Screw	1	Jasper
454B	Lubricator Cross Brace	Q23 2	Jaspon
454C	Cap Screw for Lubricator Cross Brace 454B.	2	Jat
CRANK PIN OIL RING			
455	Crank Pin Oil Ring with Screws 455A for attaching.	Q28 1,13	Javelin
455A	Screw for Crank Pin Oil Ring	1,13	Jay
456	Crank Pin Oil Quill with Quill Bushing 456A.	Q29 13	Jean
456A	Crank Pin Oil Quill Bushing.	Q43 13	Jemadar
457	Crank Pin Oil Quill Plug	Q30 13	Jennet
458	Crank Pin Oil Tube Connector	Q31 13	Jerboa
459A	Cylinder Oil Tube Connector (12½ x 14" Engines only)	3	Jereed
459B	Packing Nut for Cylinder Oil Tube Connector 459A	3	Jerkin
WATER PIPING			
460	Valve for Bearing Jacket Water	1	Jester
461	Tee at Outlet of Water Pump.	1	Jetty
461A	Drain Plug for Water Pump Outlet Tee 461	1	Jonquill
461B	Nipple between Tee 461 and Water Pump Valve Body	1	Jordan
462	Slip Joint with Nut and Packing 462A	M16 1	Jorum
462A	Packing for Slip Joint 462	See 475A -	Joule
463	Copper Tube to Forward Bearing Water Jacket with Union Nuts 485.	M575 1	Joust
464	Copper Tube Between Bearing Water Jackets with Union Nuts 485	M58 1	Jungle
464A	Copper Tube from After Main Bearing Water Jacket to Thrust Bearing with Union Nuts 485	M57 -	Junket
465	Pipe Bend for Cylinder Water Inlet Manifold.	M34 1	Junto
466	Slip-Joint Tee with Nut and Packing, for Cylinder Water Inlet Manifold (State for which Cylinder)	1	Jute
466A	Packing for Slip-Joint Tee 466	See 475A -	Juzail
467	Elbow for Cylinder Water Inlet Manifold.	1	Kaffir
467A	Nipple Between Water Inlet Manifold and Regulating Valve Body 468 (State for which Cylinder).	2	Kaflex
468	Water Regulating Valve Body.	M51 2	Kaftan
468R	Assembled Water Regulating Valve complete Consisting of Parts 468, 469, 469A and 470.	762 R 2	Kale
469	Water Regulating Valve Stem.	M53 2	Karoo
469A	Packing for Water Regulating Valve Stem 469.	469.A 2	Kayak
470	Water Regulating Valve Gland	M52 2	Keeve
471	Pipe for Water Inlet Manifold Between Cylinders 1 and 2.	M124 1	Kelt
472	Pipe for Water Inlet Manifold Between Cylinders 2 and 3.	1	Kennel
473	Pipe for Water Inlet Manifold Between Cylinders 3 and 4.	1	Kestrel
473A	Pipe for Water Inlet Manifold Between Cylinders 4 and 5.	-	Ketch

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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WATER PIPING — Cont'd

473B	Pipe for Water Inlet Manifold Between Cylinders 5 and 6	-	Ketone
474	Outlet Pipe Bend Between Cylinder Head and Exhaust Manifold <i>M.3.0.</i>	2,3,34	Kettle
475	Slip Joint with Nut and Packing for Outlet Pipe 474.	<i>M.1.6.</i> 3	Kiln
475A	Packing for Outlet Pipe Slip Joint 475	<i>475A</i> 3	Kinglet
475B	Offset Fitting for Slip Joint 475 on After Cylinder (Used on 5 and 6 Cylinder 10 x 10½" Engines only).	<i>M.6.9.</i> -	Kinit
476	Outlet Water Manifold Assembled Complete Including Parts 476A, 476B, etc	2	Kipper
476A	Outlet Water Manifold Tee (Give Pipe Size)	2	Kirtle
476B	Outlet Water Manifold Union Elbow (Give Pipe Size)	2	Knight
<i>Dr 9 2-760</i> 477	Copper Water Tube to Compressor Cylinder Water Jacket with Sleeves 479D.	2	Knoll
478	Copper Water Tube from Compressor Cylinder with Sleeves 479D	2	Knout
479	Union Fitting with Nut and Sleeve for Copper Tube 478.	<i>68F.</i> 1,2	Lacker
479A	Union Elbow with Nut and Sleeve for Copper Tubes 477 and 478 <i>69F.</i>	2	Lacuna
479C	Malleable Bushing Between Fitting 479 and Cylinder Jacket.	2	Lacuster
479D	Sleeve for Copper Tube Fittings 479, 479A and 479B	<i>479D.</i> -	Ladan
480	Bearing Water Jacket Long Drain Plug on Control Side of Engine <i>M.9.</i>	13	Ladder
480A	Bearing Water Jacket Short Drain Plug on Exhaust Side of Engine <i>M.9.</i>	13	Ladrone
481	Cap Screw for Bearing Water Jacket Drain Plug.	<i>M.12.</i> 13	Lagoon
482	Lower Cap for Bearing Water Jacket Drain Plug.	<i>M.11.</i> 13	Laird
482A	Copper Ring Gasket for Bearing Water Jacket Caps 482 and 483 <i>M.14.</i>	13	Laisser
483	Cap for Bearing Water Jacket Drain Plug on Control Side of Engine. <i>M.10.</i>	13	Lama
483A	Cap for Bearing Water Jacket Plug on Exhaust Side of Engine. <i>M.10.</i>	13	Lamella
484	Half Union for Bearing Water Copper Tube	<i>T.17.</i> 13	Lance
485	Union Nut for Bearing Water Copper Tube.	<i>T.18.</i> 13	Lappet

HEATERS

Note: For Parts Not Listed Here See Parts 693 to 699A and 825 to 845.

486	Heater Spout	<i>S.85.</i> 3,35,36	Lapwing
487	Nozzle Head.	<i>S.1.1.</i> 3,35,36	Larch
487R	Heater Assembly Consisting of Parts 486, 487 and 488	3,35,36	Lascar
488	Heater Spray Tip with Lock Nut 488A and Packing Ring	<i>S.1.2.</i> 3,35,36	Lateen
488A	Lock Nut for Heater Spray Tip 488.	<i>S.1.3.</i> 3,35,36	Lathing
489	Angle Needle Valve for Oil	<i>1/8" ANGLE NEEDLE VALVE</i> 50	Lattice
490	Angle Needle Valve for Air	<i>1/8" ANGLE NEEDLE VALVE</i> 1,3,35,36, 50	Laver
491	Oil Manifold Complete with Tubing Union Nuts	50	League
492	Air Manifold Complete with Tubing Union Nuts 699	<i>S.89.</i> 1,3,35,50	Lectern
493	Double Manifold Clamp with Screw 493B.	-	Legate
493A	Single Manifold Clamp with Screw 493B.	<i>S.1.5.</i> 3,35	Legation
493B	Screw for Attaching Clamp 493 and 493A	3,35	Legato
494	Stanchion Pipe	<i>S.87.</i> 3,35,36	Legend
495	Stanchion Pipe Square.	<i>S.88.</i> 3,35,36	Legume
496	Bracket Plate with Clamping Screw 496B	<i>S.86.</i> 3,35	Lender
496A	Bracket Plate, Cup Type with Screw 496B.	<i>S.86-32-C.</i> 36	Leno
496B	Clamping Screw for Bracket Plate	3,34,35,36	Lentil

FUME MANIFOLD

497	Fume Manifold Spout.	<i>H.52.</i> 2	Levee
498	Fume Manifold End Plate.	<i>H.60.</i> 2	Lexicon
499	Fume Manifold Elbow (Used on 2 and 3 cylinder engines only). <i>H.57.</i>	2	Libra
500	Fume Manifold Tee (Used on 4 cylinder engines only).	<i>H.61.</i> 2	Lictor
501	Fume Manifold Bearing with Cap Screws 502.	<i>H.53.</i> 2	Ligan
502	Fume Manifold Bearing Cap Screw.	2	Limber
503	Fume Manifold Stanchion Pipe	<i>H.54.</i> 2	Linnet

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
FUME MANIFOLD—Cont'd			
504	Fume Manifold Stanchion Pipe Square	H56 2	Linstock
505	Fume Manifold Stanchion Stud with Nut 505A	H55 2	Lionet
505A	Fume Manifold Stanchion Stud Nut	2	Lister
506	Fume Manifold Tube (State Overall Length)	H57, H58 2	Loach
506A	Fume Manifold Lever Handle	H59 26	Loan
506R	Assembled Fume Manifold Complete Consisting of Parts 497 to 506A inclusive	2	Locket

SHAFT COUPLINGS

507R	Assembled Flange Type Coupling Complete, Consisting of Parts 507, 507B, 508, and 509.	1	Locum
507	Flange Coupling, Female Half, Engine End, with two Dowel Screws 507B and Two Locking Screws 507C.	G35 1	Locust
507A	Key for Coupling Half, Engine End.	G109 1	Locution
507B	Hexagon Socket Dowel Screw for Coupling Half	1	Locutary
507C	Hexagon Socket Locking Screw for Coupling Half	1	Lodart
507D	Hexagon Wrench for Screws 507B and 507C.	26	Lodbar
508	Flange Coupling Half, Solid Type, Male, Propeller Shaft End, with Two Dowel Screws 507B and Two Locking Screws 507C	G35 1	Lode
508A	Key for Coupling Half, Propeller Shaft End	G139 1	Lodern
509	Coupling Bolt with Nuts 509A	G36 1	Lodger
509A	Nut for Coupling Bolt 509.	1	Lofoden
511	Flange Coupling Half, Split Clamped Type, Male, Propeller Shaft End with 511A, 511B and 511C.	27	Loft
511A	Locking Ring for Split Coupling 511.	G128 27	Logan
511B	Clamping Bolt for Split Coupling 511	27	Loggia
511C	Nut for Split Coupling Clamping Bolt 511B.	27	Logo
512	Kahlenberg - Omega Type Flexible Propeller Shaft Coupling, Complete	27	Loir

PROPELLER AND SHAFT EQUIPMENT

514	Propeller.	27	Lombard
514A	Key for Propeller.	212 27	Londres
515	Propeller Shaft, Taper Turned, Threaded and Keyseated.	213 27	Longbow
515A	Bronze Flanged Nut for Propeller Shaft	29 27	Longton
515B	Bronze Lock Nut for Propeller Shaft.	210 27	Loom
515C	Cotter Pin for Propeller Shaft	27	Loper
516	Stern Bearing, Supplied in Following Types:	27	Lorcha
	Cast Iron with Bronze Bushing		
	Cast Iron with Rubber Bearing		
	Cast Bronze with Rubber Bearing		
	Cast Bronze		
517	Bronze Stern Bearing Bushing, Flanged Type	27	Lore
517A	Rubber Lined, Flanged Type Stern Bearing Bushing	27	Lornet
518	Bronze Bushing for Stern Bearing 516	Y3 27	Lotto
518A	Rubber Lined Bushing for Stern Bearing 516	27	Lotus
519	Hanger Bolt with Nuts, (State whether steel or bronze)	27	Loxia
520	Stuffing Box, Supplied in Following Types:	27	Lubra
	Cast Iron with Bronze Bushing		
	Cast Steel with Bronze Bushing		
	Cast Bronze		
521	Bronze Bushing for Stuffing Box Body	23 27	Luce
522	Bronze Bushing for Stuffing Box Gland.	23 27	Lucerne
523	Stern Tube	27	Lucina
524	Bronze Sleeve for Propeller Shaft at Stern Bearing End	Y11 27	Lumen
524A	Bronze Sleeve for Propeller Shaft at Stuffing Box End.	27	Luna

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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CYLINDER HEAD, Type D

Note: Used on 12½ x 14" Engines.

525	Cylinder Head with Studs 528.	54 34	Macaw
525A	Cylinder Head Gasket.	5176-4534	Maco
525R	Cylinder Head Assembly, Type D, Complete, Consisting of Parts 525, 526, 526A, 526B, 527, 528, 528B, 529 and 530	34	Magnate
526	Combustion Chamber Complete with Parts 526B, 529 and 530.	526 34	Major
526A	Combustion Chamber Gasket	5169 34	Malacca
526B	Combustion Chamber Liner.	5143 34	Malar
527	Cylinder Head Cap with Studs 542.	527 34	Mallard
528	Cylinder Head Cap Stud.	584 34	Mallow
528B	Cylinder Head Cap Stud Nut.	34	Maloo
529	Firing Tube	586 34	Malter
530	Firing Tube Holder with Gasket 530A	5137 34	Manacle
530A	Firing Tube Holder Gasket	530A34	Manakin
530B	Hexagon Socket Wrench for Firing Tube Holder 530.	26	Manape

FUEL INJECTION NOZZLE, Type D

Note: Used on 12½ x 14" Engines.

531	Assembled Fuel Injection Nozzle Type D, Less Handle, Consisting of Parts 532, 533, 534, 535, 536, 538, (539 and 543).	34	Manatee
531R	Assembled Fuel Injection Nozzle Type D, Complete with Handle, Consisting of Parts 532, 533, 534, 535, 536, 538, (539), 540, and (543)	34	Manchet
532	Fuel Injection Nozzle Tip	528 34	Mandate
532R	Assembled Fuel Injection Nozzle Spray Tip Complete Consisting of Parts 532 and 533.	532R34	Mango
533	Fuel Injection Nozzle Spiral with Nut 533A.	579 34	Manor
533A	Lock Nut for Fuel Injection Nozzle Spiral 533	580 34	Manse
534	Fuel Injection Nozzle Body.	527 34	Mantel
535	Fuel Injection Nozzle Cap	581 34	Maple
536	Fuel Injection Nozzle Valve with Valve Nut 537.	576 34	Marline
537	Fuel Injection Nozzle Valve Nut	578 34	Marmot
538	Fuel Injection Nozzle Valve Spring.	577 34	Masker
539	Fuel Injection Nozzle Air Release Valve Stem.	5135 34	Mattock
★ 540	Fuel Injection Nozzle Handle with Clamping Screw 540A	5134 34	Maxilla
540A	Clamping Screw for Nozzle Handle 540.	5/16" x 1/4" FILL HD. 34	Maya
541	Fuel Injection Nozzle Hold-down Yoke.	5136 34	Meander
542	Fuel Injection Nozzle Hold-down Yoke Stud	5144 34	Medic
542A	Hexagon Nut for Nozzle Hold-down Stud 542	34	Medjex
543	Half Union on Fuel Injection Nozzle Cap 535	546 34	Medlar
543A	Copper Gasket between Union 543 and Nozzle Cap 535.	543A34	Medley
544	Union Nut for Fuel Injection Nozzle Union 543	718 34	Medoc

CYLINDER HEAD, Type D, Miscellaneous Parts

545	Heater Shield with Clamp and Screw.	-	Medusa
546	Cylinder Head Water Outlet Tee.	M121 34	Meed
546A	Nipple Between Tee 546 and Cylinder Head Cap.	M120 34	Megadont
546B	Plug for Cylinder Head Water Outlet Tee 546	34	Megapod
547	Heater Bracket with Clamping Screw 496B	34	Megrin
547A	Hexagon Cap Screw for Heater Bracket 547.	34	Melilot
548	See Part 526A	-	Menage
549	Compression Relief Valve Type D Assembled Complete Consisting of Parts 26, 30, 32, 33, 34 and 862 (Part 26 fitted with Cross Pin)	34	Mercer

★ 539A PIN FOR

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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KAHLENBERG ONE-WAY CLUTCH

550	Clutch Drive Flange	G 38	38	Pageant
550A	Clutch Drive Flange Key	G.102	38	Pagern
551	Clutch Drive Flange Cap Screw	G.39	38	Pagoda
552	Clutch Head	G.126	38	Paigle
552A	Clutch Ring	F.190	38	Pakeha
553	Clutch Pilot Ball Bearing	645	38	Paladin
553A	Clutch Pilot Bronze Bushing	F.192	38	Palama
554	Clutch Head with Bushing 555 and Key 575.	G.41	38	Palaver
555	Clutch Head Bushing	G.54	38	Paletot
556	Clutch Propeller Drive.	F.186	38	Palfrey
557	Clutch Propeller Drive Key.	F.189	38	Paling
558	Clutch Stub Shaft	G.52	38	Pampas
559	Clutch Bronze Disc.	G.43	38	Panacea
560	Clutch Cast Iron Disc	G.42	38	Pandect
561	Clutch Pressure Plate	G.43	38	Panicle
562	Clutch Case Stud Bolt with Nuts 562A.	F.193	38	Pannier
562A	Clutch Case Stud Nut.	F.233	38	Panoply
562B	Clutch Lifting Ring to Fit on Stud Bolt 562	See. 601B	26	Pantal
563	Clutch Disc Plunger	G.49	38	Panther
564	Clutch Finger	G.44	38	Parable
564R	Assembled Clutch Finger and Link Consisting of Finger 564, Link 566, and Pin 566A Fitted		38	Parader
564A	Clutch Finger Pin with Cotter Pins 564B	G.64	38	Paragon
564B	Cotter Pin for Finger Pin 564A.		38	Parang
565	Clutch Finger Spring.	G.87	38	Parapet
566	Clutch Finger Link.	G.45	38	Pastel
566A	Clutch Finger Link Pin.	G.59	38	Patella
566B	Clutch Link Pin with Cotter Pins 566C	G.65	38	Pavior
566C	Cotter Pin for Link Pin 566B.	1/8" x 3/4"	38	Pavo
567	Clutch Finger Band (Split Type) Fitted with Parts 564A, 567A, 569, and 569A.	G.46	38	Pebble
567A	Clutch Finger Band Bolt with Nut.	G.95	38	Pebrine
568	Clutch Adjusting Collar	G.47	38	Pecan
569	Clutch Lock Clip.	G.57	38	Pecten
569A	Clutch Lock Clip Screw with Lock Washer		38	Pedal
570	Clutch Sliding Sleeve (Split Type) with Bolts 570A and Finger Link Pins 566B	G.48	38	Pedant
570A	Clutch Sliding Sleeve Bolt with Nut and Lock Washer	G.81	38	Pekoe
571	Clutch Carrier Yoke Collar with Bolts 571A.	G.13	38	Pelerine
571A	Clutch Carrier Yoke Bolt with Nut and Lock Washer	G.94	38	Pele
572	Clutch Fork Lever with Clamping Screws 572A	G.8	38	Pelican
572A	Clamping Screw for Clutch Fork Lever 572.	A.152-2	38	Pelion
572B	Clutch Fork Lever Key	A.92	38	Pelisse
573	Clutch Oil Plug	Ø30	38	Pellet
573A	Clutch Oil Filling Funnel	Ø52	26	Penang
574	Clutch Head Cap Screw	F.123	38	Penguin
575	Clutch Finger Band Key.	G.63	38	Penult
575R	Assembled One-Way Clutch Complete Consisting of Parts 550 to 575 inclusive.		38	Petrel

ELECTRICAL EQUIPMENT

576A	Wiring Harness			
576	Generator	576A	1,23,50	Pewter
576B	Generator Regulator	Regulators	23	Phago
576C	Generator Brushes, One Set.		23	Phalanger
577	Generator Bracket	J.10	1,23,50	Phalanx
577A	Generator Bracket Cap Screw	A.143	1	Phaleris
578	Generator Base.		1,23,50	Pharos
578A	Generator Base Cap Screw.		1,23	Pheal
579	Generator Strap with Clamping Bolt and Nut.	J.55	1,50	Phenix

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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ELECTRICAL EQUIPMENT - Cont'd

579A	Generator Fan Guard	23	Phlox
580	Generator Sprocket.	<i>J 19</i> 1,50	Picador
580B	Generator V-Belt Pulley	<i>D 39</i> 23	Pic1
581	Sprocket, Split Type for Generator Drive.	<i>J 17</i> 1,50	Picket
581A	V-Belt Pulley, Split Type for Generator Drive	<i>D 39</i> 23	Pickwick
581B	Hub, Split Type for Generator Drive Sprocket 581.	1	Piedmont
582	Generator Roller Chain with Connecting Link . <i>chain, Diamond</i> <i>J 11</i> 1,50	1,50	Pilaster
582B	Generator Drive Guard	<i>J 11</i> 1,23	Pileum
583	See Part 865.	-	Pillar
584	See Part 866.	-	Pitman
585	Generator V-Belt.	<i>v-Belt "A"</i> 23	Placer
586	Switch with Base and Fuse Clips, Complete for Manifold Conduit Box		
	586A	<i>586</i> 50	Placket
586A	Conduit Box for Electric Manifold, Complete with Bracket.	50	Placoid
587	Glow Plug Fuse.	<i>587</i> 1,50	Plalce
588	Cable from Switch on Electric Manifold 589 to Glow Plug with Terminals.	<i>cable #2</i> <i>J 23</i> 50	Plaque
589	Assembled Electric Manifold Complete with Switches 586, Conduit Boxes 586A, and Cable.	50	Platoon
590	Switch Box Frame with Brackets 590A	1	Pleat
590A	Switch Box Angle Bracket with Screws.	<i>J 37</i> 1	Plenum
590R	Complete Switch Box Assembly with Ammeters, Shunt, Air Gauge, Fuses, Switches, less Cables and Conduit	1	Plimso11
590B	Switch Box Front Cover.	<i>J 32</i> 1	Plover
590C	Switch Box Back Cover	<i>J 34</i> -	Plumcot
590D	Switch Box Fuse Compartment Cover with Latches.	<i>J 33</i> 1	Plutus
590E	Glow Plug Ammeter	<i>AMMETERS.</i> 1	Pochard
590F	Shunt for Glow Plug Ammeter 590E.	<i>SHUNTS.</i> -	Pod
590G	Generator Charge Rate Ammeter	<i>AMMETERS.</i> 1	Podge
590H	Starting Air Pressure Gauge for Switch Box.	<i>2 1/2" GAUGES.</i> 1	Pogo
591	Toggle Switch for Switch Box Complete with Mounting Screws.	<i>591</i> 1	Poleaxe
592	Fuse Panel Assembly Inside Switch Box with Fuse Clips and Fuses	1	Pomance
592R	Switch Box Interior Assembly Complete Including 590F, 591, and 592, Less Ammeters and Air Gauge	1	Poncho
593	Cable from Switch Box to Glow Plug, Conduit Covered, with Terminals (State for which cylinder)	<i>593.</i> 1	Porosa
593A	Battery Cable, from Switch Box to Battery, Conduit Covered, Complete with Terminals (Specify Cable Length)	<i>593A</i> 1	Powan
593B	Ground Cable from Battery to Ground, Conduit Covered, Complete with Terminals (Specify Cable Length).	<i>593B</i> 23	Praam
593C	Generator Cable from Switch Box to Generator, Conduit Covered, Complete with Terminals.	<i>593C</i> 1	Praetor
594	Storage Battery	<i>BATTERIES</i> 23	Praline
<i>593D Jumper Cables Between Batteries</i>		<i>593D</i>	
KAHLENBERG REVERSE GEAR			
600R	Assembled Reverse Gear Complete Consisting of Parts 601 to 649 inclusive.	37	Rabanna
601	Reverse Gear Brake Drum Stud Bolt with Nuts 601A.	<i>F 193</i> 37	Rabbit
601A	Nut for Reverse Gear Brake Drum Stud Bolt 601	<i>F 233</i> 37	Rabbit
601B	Reverse Gear Lifting Ring to Fit on Stud Bolt 601	<i>601B</i> 26	Rabbiter
602	Reverse Gear Oil Plug	<i>Ø 30</i> 37	Rabble
602A	Reverse Gear Oil Filling Funnel	<i>Ø 52</i> 26	Rabel
603	Reverse Gear Clutch Ring.	<i>F 190</i> 37	Racoon
604	Reverse Gear Brake Drum Head with Bushing 605	<i>F 191</i> 37	Raceme
605	Reverse Gear Brake Drum Head Bushing.	<i>F 192</i> 37	Rachis
606	Reverse Gear Brake Band, Unlined Type (for use without lining) with Anchor Pins 643	37	Radicle
606A	Reverse Gear Brake Band with Brake Band Lining 606B and Anchor Pins 643	<i>G 62</i> 37	Radigen

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
KAHLENBERG REVERSE GEAR—Cont'd			
	<i>610A Dowel For 610</i>	<i>F220</i>	
606B	Reverse Gear Brake Band Lining with Rivets 606C	37	Radiola
606C	Reverse Gear Brake Band Rivets (one set)	37	Radisler
607	Reverse Gear Internal Gear	<i>F179</i> 37	Radix
608	Reverse Gear Pinion with Bushing 609	<i>F181</i> 37	Ragwort
609	Reverse Gear Pinion Bushing	<i>F182</i> 37	Raider
610	Reverse Gear Pinion Pin	<i>F183</i> 37	Raiment
611	Reverse Gear Propeller Drive Gear with Ring Bushing 613	<i>F180</i> 37	Rake
612	Reverse Gear Clutch Drive	<i>F186</i> 37	Ramp
613	Reverse Gear Ring Bushing	<i>F187</i> 37	Ranger
614	Key for Propeller Drive Gear 611	<i>F188</i> 37	Rappee
615	Key for Reverse Gear Clutch Drive 612	<i>F189</i> 37	Rasher
616	Reverse Gear Bronze Disc	<i>G43</i> 37	Ratel
617	Reverse Gear Cast Iron Disc	<i>G42</i> 37	Ration
618	Reverse Gear Pressure Plate	<i>G48</i> 37	Ratline
619	Reverse Gear Clutch Head Cap Screw	37	Ratton
620	Reverse Gear Disc Plunger	<i>G49</i> 37	Ravelin
621	Reverse Gear Finger Spring	<i>G87</i> 37	Realm
622	Reverse Gear Finger	<i>G44</i> 37	Reaper
622R	Assembled Reverse Gear Finger and Link Consisting of Finger 622, Link 623 and Pin 623A Fitted	37	Reaumur
622A	Reverse Gear Finger Pin with Cotter Pins 622B	<i>G64</i> 37	Reaver
622B	Cotter Pin for Reverse Gear Finger Pin 622A	<i>1/8" x 1/4"</i> 37	Rebozo
623	Reverse Gear Finger Link	<i>G45</i> 37	Rebus
623A	Reverse Gear Finger Link Pin	<i>G57</i> 37	Recall
623B	Reverse Gear Sliding Sleeve Pin with Cotter Pin 623C	<i>G65</i> 37	Reciter
623C	Cotter Pin for Reverse Gear Sliding Sleeve Pin 623B	<i>1/8" x 3/4"</i> 37	Recluse
624	Reverse Gear Sliding Sleeve (Split Type) with Bolts 644 and Pins 623B	<i>G48</i> 37	Recruit
625	Reverse Gear Carrier Yoke Collar with Bolts 625A	<i>G13</i> 37	Redan
625A	Reverse Gear Carrier Yoke Bolt with Nut and Lock Washer	<i>G94</i> 37	Redbud
626	Reverse Gear Stub Shaft	<i>G37</i> 37	Reddle
627	Reverse Gear Fork Lever with Clamping Screws 627A	<i>G8</i> 37	Redout
627A	Clamping Screw for Reverse Gear Fork Lever 627	<i>A152</i> 37	Redpoll
627B	Key for Reverse Gear Fork Lever 627	<i>A92</i> 37	Redtop
628	Reverse Gear Finger Band Key	<i>G63</i> 37	Reed
629	Reverse Gear Clutch Head Bushing	<i>G54</i> 37	Regale
630	Reverse Gear Adjusting Collar	<i>G47</i> 37	Regent
631	Reverse Gear Finger Band (Split Type) with Parts 622A, 632, 632A, and 649	<i>G46</i> 37	Rein
632	Reverse Gear Lock Clip	<i>G57</i> 37	Relator
632A	Reverse Gear Lock Clip Screw with Lock Washer	37	Remora
633	Reverse Gear Clutch Head with Bushing 629 and Key 628	<i>G41</i> 37	Renard
634	Reverse Gear Toggle	<i>G83</i> 37	Retina
634R	Reverse Gear Toggle Assembly Consisting of Toggle 634, Arm 635, and Pin 635A Fitted	<i>G34R</i> 37	Retinue
635	Reverse Gear Toggle Arm with Pin 635A	<i>G84</i> 37	Retort
635A	Reverse Gear Toggle Pin	<i>G101</i> 37	Revel
636	Reverse Gear Toggle Adjusting Bolt with Nut 646 and Jam Nut 646A	37	Ribbon
637	Reverse Gear Toggle Arm Washer	<i>G92</i> 37	Rigger
637A	Cap Screw for Reverse Gear Toggle Arm Washer 637	37	Ripple
638	Reverse Gear Toggle Connection Tee Head	37	Rival
639	Reverse Gear Toggle Connection Head Fitted with Pin 640	37	Routine
640	Reverse Gear Toggle Connection Rod Pin with Cotter Pin 640A	<i>F32</i> 37	Rover
640A	Cotter Pin for Reverse Gear Connection Rod Pin 640	37	Rowan
641	Reverse Gear Toggle Connection Rod	<i>G85</i> 37	Rowel
642	Reverse Gear Engine Flange Cap Screw	<i>G39</i> 37	Ruck
643	Reverse Gear Brake Band Anchor Pin	<i>G78</i> 37	Ruffle
644	Bolt with Nut and Lock Washer for Reverse Gear Sliding Sleeve	<i>G81</i> 37	Rumble
645	Reverse Gear Pilot Ball Bearing	<i>G45</i> 37	Rummer
646	Reverse Gear Toggle Adjusting Nut	37	Rung

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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KAHLENBERG REVERSE GEAR—Cont'd

646A	Jam Nut for Reverse Gear Toggle Adjusting Bolt 636.	37	Runlet
647	Reverse Gear Engine Drive Flange.	G 32 37	Runnel
647A	Reverse Gear Engine Drive Flange Key.	G 102 37	Runney
648	Reverse Gear Pinion Cage.	F 184 37	Rupee
649	Hexagon Head Clamping Bolt with Nut for Reverse Gear Split Finger Band 631.	G 95 37	Russet

WATER PUMP VALVE, Type D

Note: For Type A Bevel Seat Valve, See Parts 149 to 153 and Fig. 29. Always state whether water pump parts are for cooling water pump or for bilge pump (bilge pump is on exhaust manifold side of engine). For water pump parts not listed here see Parts 137 to 160 Inclusive.

650	Water Pump Air Chamber.	M 14 30,49	Sable
651	Water Pump Valve Chamber.	M 37 30,49	Sachem
651R	Assembled Water Pump Valve Chamber Type D Flat Seat Consisting of Parts 651, 661R and 662A.	30,49	Sacque
652	Water Pump Discharge Valve.	VALVES, DURABLE 30,49	Saffron
653	Water Pump Discharge Valve Seat	M 63 30,49	Sago
654	Water Pump Discharge Valve Stem	M 64 30,49	Salicin
655	Water Pump Discharge Valve Sleeve	M 65 30,49	Salvor
656	Water Pump Discharge Valve Spring	M 45 30,49	Samite
657	Water Pump Suction Valve.	VALVES, DURABLE 30,49	Sanicle
658	Water Pump Suction Valve Stem	M 66 30,49	Sarcode
659	Water Pump Suction Valve Sleeve	M 65 30,49	Sasine
660	Water Pump Suction Valve Spring	M 45 30,49	Sateen
661R	Assembled Water Pump Valve Unit Consisting of Parts 652 to 660 Inclusive.	30,49	Satrap
662	Water Pump Valve Unit Hold-down Spring.	M 67 49	Savant
662A	Water Pump Valve Unit Hold-down Plug.	M 18 30	Sawyer
663	Wrench for Water Pump Air Chamber 650	385 26	Saxon
664	Spanner Wrench for Water Pump Valve Unit 661R	M 70 26	Scaler

AIR COMPRESSOR CYLINDER AND MANUAL UNLOADER, Kahlenberg Air-Compressor Engines

Note: For Automatic Unloader See Parts 950-975.

665	Air Compressor Cylinder with Parts 2A, 2C, 2D, and 669.	46,47	Scape
666	Air Compressor Piston	46,47	Scapus
667	Air Compressor Piston Ring.	46,47	Scaur
668	Air Compressor Cylinder Head with Studs 674	46,47	Scion
669	Air Compressor Cylinder Head Stud	46,47	Scoria
670	Air Compressor Cylinder Head Gasket	46,47	Scotia
671	Air Compressor Pipe Flange.	46,47	Scrag
671A	Air Compressor Pipe Flange Cap Screw.	46,47	Scribe
672	Air Compressor Pipe Flange Gasket	46,47	Scroll
673	Air Compressor Valve Cover Plate.	46,47	Sculler
674	Stud for Valve Cover Plate 673.	46,47	Scuttle
674A	Nut for Valve Cover Plate Stud 674.	46,47	Scrupple
675	Air Compressor Valve Cover Plate Gasket	675 46,47	Seaford
676	Suction Valve Hold Down Screw with Manual Unloader Lever 676A	46	Sealer
676A	Suction Valve Manual Unloader Lever with Pivot Pin.	46	Seawall
677	Discharge Valve Hold Down Screw	46,47	Secant
678	Lock Nut for Valve Hold Down Screw.	46,47	Sector
679	Suction Valve Unloader Stem	46	Sedge
680	Suction Valve Unloader Plunger.	46	Seer
681	Suction Valve Unloader Spring	46,47	Seggar



PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
AIR COMPRESSOR CYLINDER AND MANUAL UNLOADER, Kahlenberg Air-Compressor Engines - Cont'd			
682	Air Compressor Valve Disc, Small.	<i>D.9-108</i> 46,47	Segment
683	Air Compressor Valve Disc, Large.	<i>D.9-10-L</i> 46,47	Seine
684	Air Compressor Valve Spring	<i>D.10.</i> 46,47	Selinite
685	Air Compressor Valve Seat	46,47	Seta
686	Air Compressor Valve Guard.	46,47	Seton
687	Air Compressor Valve Seat Bolt.	46,47	Shad
688	Nut for Air Compressor Valve Seat Bolt 687.	46,47	Shagreen
689	Cotter Pin for Air Compressor Valve Seat Bolt 687	46,47	Shako
690	Suction Valve Hold Down Yoke.	46	Shale
691	Discharge Valve Hold Down Yoke.	46,47	Shard
692R	Assembled Air Compressor Valve Unit, Complete Consisting of Parts 682-689 Inclusive.	46	Shea
HEATER, Suction Cup Type			
693	Suction Fuel Cup.	<i>5166.</i> 36	Sherd
693R	Assembled Cup Type Heater, Portable, Complete, Consisting of Parts 693 to 697 Inclusive, 487R, 490, 494, and 496A. (Does not include Hose 699A)	36	Shikra
694	Suction Fuel Cup Cap.	<i>5167.</i> 36	Shingle
695	Suction Fuel Strainer with Screw for Fuel Cup 693	<i>695.</i> 36	Shire
696	Suction Tube for Fuel Cup 693	<i>5170.</i> 36	Shoad
697	Suction Fuel Cup Clamp with Screws for Attaching.	<i>5182.</i> 36	Shoebill
698	Union Elbow for Air Valve 490	3,35	Shuba
698A	Street Elbow for Air Valve 490.	36	Shuttle
699	Union Nut for Air Manifold 492.	3,35	Sida
699A	Flexible Metal Air Hose with Union End.	<i>699A</i> 36	Siderite
FLYWHEEL TYPE POWER TAKE-OFF CLUTCH			
700	Clutch Drive Head with Spindle 709, and Parts 709E, 733 and 733A.	<i>666.</i> 42,43	Tabard
700R1	Assembled No. 1 Size Flywheel Type Power Take-off Clutch (6½" diameter) Complete, Consisting of the following Parts 700, 701, 701A and 703 to 734 Inclusive, less 703A, 703B, 708A and 714A. Also includes either 702 or 702A	42	Taberna
700R2	Assembled No. 2 Size Flywheel Type Power Take-off Clutch (12" diameter) Complete with Clutch Operating Lever, Consisting of the Following Parts 700, 701, 701A and 703 to 738 Inclusive, less Parts 706, 706A, 714 and 734. Also includes either 702 or 702A	43	Tabi
701	Clutch Guard.	<i>701</i> 42,43	Tabinet
701A	Screw for Attaching Clutch Guard 701.	42,43	Tableau
702	Clutch Sleeve Flanged for Solid Sprocket or Pulley.	<i>668</i> 42,43	Tabor
702A	Clutch Sleeve for Split Type Sprocket	42,43	Tabut
702B	Clutch Sprocket Bolt with Nut (Specify for Split Sprocket, Solid Sprocket or Pulley).	42,43	Tack
702C	Dowel Screw for Clutch Sleeve Bushing 702L.	43	Talbot
702D	Clutch Sprocket Cap Screw	42	Taler
702L	Clutch Sleeve Bushing	42,43	Talus
702M	Clutch Chain Sprocket, Solid Type	42,43	Tamble
702P	Clutch Pulley, Flat Face Type	42,43	Tallion
702S	Clutch Chain Sprocket, Split Type	<i>589</i> 42,43	Tallage
702VP	Clutch Pulley, V-groove Type.	42,43	Tamarin
703	Clutch Sliding Sleeve	<i>669</i> 42,43	Tambour
703A	Clutch Carrier Yoke Collar Complete with Bolts and Nuts 703B.	43	Tamer
703B	Bolt with Nut and Lock Washer for Clutch Carrier Yoke Collar 703A	43	Tamfex
704	Clutch Drive Plate.	<i>670</i> 42,43	Tamil
705	Clutch Adjusting Collar with Clamping Screw 705A.	<i>671.</i> 42,43	Tamine
705A	Clamping Screw for Clutch Adjusting Collar 705.	42,43	Tamls

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
FLYWHEEL TYPE POWER TAKE-OFF CLUTCH - Cont'd			
706	Clutch Engaging Hand Wheel with Clamping Screws 706A.	<i>G 72</i> 42, 43	Tampion
706A	Clamping Screw for Hand Wheel 706	42, 43	Tanager
707	Clutch Finger	<i>G 73</i> 42, 43	Tandem
708	Clutch Finger Link (Used on No. 1 Clutch and on one Link of No. 2 Clutch).	<i>G 74</i> 42, 43	Tangent
708A	Clutch Finger Link with One Hole Tapped to Receive Link Pin 714 (Used on No. 2 clutch only).	43	Tanghin
709	Clutch Spindle with Key and Rivets 709A	<i>G 75</i> 42, 43	Tanist
709A	Clutch Spindle Feather Key and Rivets	42, 43	Tankard
709B	Clutch Spindle Stop Washer.	43	Tanner
709C	Clutch Spindle Cap Screw with Center Hole for Speed Indicator Point	43	Tapalo
709E	Clutch Spindle Cross Pin.	42, 43	Tapeti
710	Clutch Friction Disc.	<i>G 76</i> 42, 43	Tapir
711	Clutch Finger Spring.	<i>G 87</i> 42, 43	Tare
712	Clutch Finger Pin with Cotter Pin	<i>G 65</i> 42, 43	Targe
713	Clutch Finger Link Pin with Collars 713A and Cotter Pin	<i>G 59</i> 42, 43	Tarnor
713A	Collar for Finger Link Pin 713.	<i>G 103</i> 42, 43	Tarpon
714	Clutch Link Pin with Cotter Pin for No. 1 Clutch only	<i>G 65</i> 42	Tarsia
714A	Clutch Link Pin with Nut for No. 2 Clutch only.	43	Tarsus
731	Flywheel Bolt for Attaching Flywheel Clutch	42, 43	Tartan
732	Nut for Flywheel Bolt 731	42, 43	Tassel
733	Clutch Drive Head Key	42, 43	Tatter
733A	Screw for Clutch Drive Head Key 733	42, 43	Taupe
734	Clutch Grease Cup	42	Taw
734A	Alemite Hydraulic Grease Fitting for Clutch Sleeve. (For grease gun see part 1246, Fig. 26).	43	Tayra
735	See 700R1 and 700R2	-	Teal
736	Yoke for Clutch Lever, Two Pieces Complete with Bolts and Nuts.	43	Teasel
736R	Clutch Operating Lever Complete Consisting of Parts 736, 737, 738 and 739.	43	Tebbad
737	Clutch Lever Foot with Bolt and Nut	43	Teff
738	Clutch Lever, Upper End	43	Telamon
739	Clutch Lever, Lower End	43	Telford

AIR STARTER, Single Cylinder Engine Type

740	Air Starter Body with Valve Guide 743	45	Templar
740R	Assembled Air Starter Body Consisting of Parts 740, 741, 742, 743, and 744.	45	Temple
741	Air Starter Body Cap.	45	Tempo
742	Air Starter Valve	45	Tenant
743	Air Starter Valve Guide	45	Tench
744	Air Starter Valve Spring.	45	Tendon
745	Air Starter Bracket with Clamping Screw 747	45	Tendril
746	Air Starter Bracket Cap Screw	45	Tenet
747	Air Starter Bracket Clamping Screw.	45	Tenon
748	Air Starter Valve Cam with Screws	45	Tensor
749	Air Starter Copper Tube with Union Nuts 751	45	Tentac
750	Air Starter Copper Tube Union	45	Terce
751	Air Starter Copper Tube Union Nut	45	Terebene
752	Quick Opening Lever Operated Air Valve with Lever 753	45	Tern
753	Lever for Quick Opening Air Valve 752	<i>T. 44</i> 45	Terra
754	Composition Renewal Disc for Air Valve 752.	45	Tessera
755	Air Starter Assembly Single Cylinder Engine Type Complete Consisting of Parts 740-753 Inclusive less Parts 749 and 750.	45	Thaler

DIAL CONTROL

760	Dial Control Lever Hand Grip.	<i>F. 257</i> 1, 5	Thalline
761	Dial Control Lever Hub.	<i>F. 257</i> 5	Thallus

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
DIAL CONTROL—Cont'd			
761R	Dial Control Lever Assembly Consisting of Parts 760, 761, 762, 763, and 764.	5	Thalweg
762	Dial Control Lever Clamping Wheel.	F.5 5	Thane
763	Dial Control Lever Clamping Bar.	F.3 5	Thenal
764	Dial Control Lever Clamping Screw with Nut 764A.	F.4 5	Theorbo
764A	Nut for Dial Control Lever Clamping Screw 764.	5	Theow
765	Dial Plate Complete with Etched Dial 765A.	F.25.6 5	Theralite
765A	Etched Dial with Drive-Screws for Attaching.	1,5	Therm
766	Dial Control Lever Spring.	F.26.2 5	Thermic
767	Fillister Head Cap Screw with Lock Washer for Dial Plate 765.	F.26.4 5	Theroid
768	Dial Plate Spacing Collar.	F.26.3 5	Thesis
769	Dial Control Throttle Cam.	F.25.9 5	Theta
770	Dial Control Sprocket.	F.26.0 5	Thetine
770A	Hexagon Head Cap Screw with Lock Washer for Dial Control Sprocket 770.	5	Thew
771	Dial Control Case with Studs 772.	F.25.5 5	Thial
771A	Injection Timing Control Name Plate.	5	Thicket
772	Dial Control Case Stud.	F.9.6 5	Thienone
772A	Nut for Dial Control Case Stud 772.	5	Thilk
772B	Dial Control Case Stud for Double Quadrant.	F.26. 5	Thillman
773	Quadrant Spacing Collar.	F.16.9 5	Thillor
773A	Dial Spacing Washer for Double Quadrant.	F.16.9 5	Thine
774	Throttle Control Upper Lever for Dial Control with Pin, Nut and Washer 341A.	F.14.9 5	Thinolite
775	Dial Control Cross Shaft.	F.8.8 5	Thirlage
776	Timing Lever Hollow Cross Shaft, Dial Control Type.	F.8.9 5	Thistle
777	Dial Control Stop Cam with Taper Pin 777A.	F.8.7 5	Thole
777A	Taper Pin for Stop Cam 777.	5	Thomite
778	Air Starter Control Valve Body.	T.2. 5	Thoraco
778R	Assembled Air Starter Control Valve Complete, Consisting of Parts 778, 779, 779A, 780, 781 and 782.	5	Thoria
779	Air Starter Control Valve Cap.	T.2.9 5	Thorite
779A	Gasket for Air Starter Control Valve Cap 779.	T.8.1 5	Thoth
780	Air Starter Control Disc Valve.	T.3.0 5	Thrall
781	Air Starter Control Valve Spring.	M.4.5 5	Thrasher
781A	Key for Air Starter Control Disc Valve 780.	T.8.1.A 5	Threap
782	Hexagon Cap Screw for Air Starter Control Valve Cap 779.	5	Threne
783	Socket Head Cap Screw for Air Starter Control Valve Body 778.	5	Thresh
785	Air Distributor Copper Tube with Nuts 381.	1,5,19	Thrips
786	Air Distributor Copper Tube with Nuts 381.	1,5,19	Throe
787	Copper Tube to Air Gauge with Nuts 453A.	5	Thrombin
788	Governor Throttle Fork Lever Dial Control Type Fitted with Acorn Head Screws 254A and 349A.	F.7.1 5	Thropple
789	Governor Throttle Fork Lever Hinge Dial Control Type with Pin and Nut 259.	F.10.6 5	Throstle
790	Air Starter Control Valve Inlet Copper Tube with Nut 792.	5	Throwster
791	Union for Air Starter Control Valve Copper Tube 790.	T.17. 5	Thrum
792	Union Nut for Air Starter Control Valve Copper Tube 790.	T.18. 5	Thuja
793	Pipe Nipple for Air Starter Control Valve Body 778.	5	Thule
794	Tee for Air Starter Control Valve Body 778.	5	Thumper
795	Air Starter Control Valve Sediment Trap.	T.8.2 5	Thurable
796	Drain Cock for Air Starter Control Valve Sediment Trap 795.	1/8" 5	Thwaita
796A	Air Distributor Drain Cock.	1,5,19,30	Thyiad
797	Half Union for Air Gauge Copper Tube 787.	1/4" #42F 5	Thyme
800	Dial Control Shaft Lubrication Fitting.	ALE MITE #1682 5	Thymic

CYLINDER HEAD AIR VENT MANIFOLD

810	Cylinder Head Air Vent Manifold with Union Nuts 812.	1,3	Thymol
810R	Assembled Cylinder Head Air Vent Manifold Complete, Consisting of Parts 810, 812, and 813.	1,3	Thymus

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
CYLINDER HEAD AIR VENT MANIFOLD - Cont'd			
811	Cylinder Head Air Vent Manifold Half Union.	3	Thymy
811A	Cylinder Head Air Vent Manifold Female Union.	1	Thyraden
812	Cylinder Head Air Vent Manifold Union Nut	3	Thyre
812A	Union Nut at End of Cylinder Head Air Vent Manifold 810 ^{5/16" = 41FS}	1	Thyrocele
813	Cylinder Head Air Vent Manifold Cock. ^{#495 = 1/4"}	1,3	Thyroid

CRANKCASE OIL DRAINS

814	Crank Pit Copper Drain Tube with Compression Sleeve 815A.	24,28	Thyrus
815	Compression Type Union Elbow with Nut and Sleeve 815A. ^{#69F}	24,28	Tiara
815A	Sleeve for Compression Type Copper Tube Fitting	24,28	Tibia
816	Crank Pit Tubing Clip ⁵¹⁸⁵	24,28	Tical
816A	Crank Pit Tubing Clip Screw	24,28	Tichorr
817	Union Elbow at Crank Case Outlet.	24	Ticking
817A	Union Nut for Copper Tube Fitting	24	Tickseed
818	Copper Tube from Crank Case to Drain Cock with Union Nuts 817A (State for which cylinder)	24	Tidal
819	Angle Shut-Off Cock for Crankcase Oil Drain ^{#220}	24	Tidem
820	Crank Case Drain Cock Bracket ⁹⁴⁹	24	Tiding
820A	Hexagon Cap Screw for Crank Case Drain Cock Bracket	24	Tidor
821	Half Union for Copper Tubing. ^{#48F}	24,28	Tidrex
822	Copper Drain-Off Tube	24	Tidrom
822A	Crank Case Drain Plug	24,28	Tieman

HEATERS, Suction Type

Note: For Parts Not Listed Here, See Parts 486 to 496B and 693 to 699A.

825	Suction Fuel Tank ⁵¹⁶⁶	35	Tiercel
825R	Suction Fuel Tank Assembly Consisting of Parts 825, 826, 827, 832, 834, 835, 836, 837 and 838.	35	Tiffin
826	Suction Fuel Tank Cover ⁵¹⁶⁷	35	Tiger
827	Gasket for Suction Fuel Tank Cover 826. ⁵¹⁸³	35	Tiglic
828	Hexagon Cap Screw for Suction Fuel Tank Base.	35	Tigrine
829	Suction Fuel Tank Bracket ⁹⁶³	35	Tikoor
830	Hexagon Cap Screw for Suction Fuel Tank Bracket 829	35	Tilde
831	Female Coupling for Suction Tube 833. ^{1/4" x 28" #646 COUPLING}	3,35	Tilley
832	Union Nut for Suction Tube. ^{1/4" IMPERIAL}	3,35	Tilth
833	Suction Tube with Union Nuts 832 (State for which Cylinder)	1,3,35	Timarau
834	Suction Tube for Fuel Tank 825. ⁵¹⁷⁰	35	Timbale
835	Half Union for Suction Tubes.	35	Timbrel
836	Cap Screw for Suction Fuel Tank Cover	35	Timeous
837	Suction Fuel Strainer with Screw, for Fuel Tank 825 ^{5168 + 5169}	35	Tincal
838	Suction Tank Filling and Vent Plug. ^{#49}	35	Tindalo
839	Suction Tank Level Test Cock. ^{1/2" #29 COCK}	35	Tinitus
840	Suction Tank Filling Valve. ^{1/4" ANGLE VALVE}	35	Tinsel
841	Suction Tank Filling Manifold Complete with Union Nuts 843.	35	Tipcat
842	Half Union for Tank Filling Manifold 841. ^{T17}	35	Tippet
843	Union Nut for Tank Filling Manifold 841 ^{T18}	35	Tipstaff
844	Union Elbow for Tank Filling Manifold ⁵⁴⁶⁻⁵	35	Tirade
845	Nipple between Filling Valve 840 and Tank 825	35	Tirl

COMPRESSION RELEASE VALVE, Type C

Note: Type C Valve fits on Starting Air Inlet Valve Body 388, Fig. 9.

850R	Assembled Compression Release Valve Complete Consisting of Parts 850, 851, 853, 854, and 855.	9	Tirwit
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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
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COMPRESSION RELEASE VALVE, Type C - Cont'd

850	Compression Release Valve Body.	T.10 9	Tiswin
851	Compression Release Valve Stem.	T.11 9	Titan
852	Compression Release Valve Elbow.	T.12 9	Titlark
853	Compression Release Valve Seating Wheel.	T.15 9	Tittup
854	Compression Release Valve Seating Wheel Lock Nut.	9	Tivoli
855	Compression Release Valve Spring.	T.16 9	Toadstone
856	Compression Release Valve Lever Pin with Cotter Pin.	F.32 9	Tobine
857	Compression Release Valve Arm with Clamping Screw 858.	T.47 9	Toga
858	Compression Release Valve Arm Clamping Screw.	9	Toltec
859	Compression Release Valve Lever.	T.70 9	Toman

COMPRESSION RELEASE VALVE, Type B

Note: Type B Valve is Used on 12½ x 14" Engines and fits into Cylinder Wall.

862	Compression Release Valve Body.	34	Tompson
863R	Assembled Compression Release Valve, Type B Consisting of Parts 26, 30, 32, 33, 34, and 862.	34	Tonal

ELECTRIC GLOW PLUG

865	Glow Plug Complete.	3,18	Tonga
866	Glow Plug Heating Coil.	K25 3,18	Tonjon
867	Glow Plug Body.	K20 18	Tonous
868	Glow Plug Stem.	K23 18	Tootle
869	Glow Plug Mica Insulation Bushing.	K7 18	Topaz
870	Glow Plug Mica Insulation Washers (Large).	K8 18	Topek
871	Glow Plug Mica Insulation Washers (Small).	K8 18	Topia
872	Glow Plug Steel Washer.	K24 18	Toque
873	Glow Plug Hexagon Nut and Lock Washer.	18	Torana
874	Glow Plug Knurled Terminal Nut.	874 18	Toric
875	Glow Plug Gasket.	K31-1 18	Toroid
876	Glow Plug Coil Post.	K28 18	Torpid
877	Glow Plug Lava Tube.	K30 -	Torpor
878	Hexagon Socket Wrench for Removing Glow Plug.	K29 26	Torquate

FUEL SERVICE TANK

880R	Fuel Service Tank Complete Consisting of Parts 880, 881, 882, 883, 886, and 889.	22	Torsade
880	Fuel Service Tank (Less Strainers and Fittings).	22	Tort
881	Outside Strainer Complete.	22	Torus
882	Inside Strainer Complete.	22	Tother
883	Cover for Top of Inside Strainer 882.	22	Toucan
884	Wire Screen for Replacement on Outside Strainer 881.	884 22	Tousle
885	Wire Screen for Replacement on Inside Strainer 882.	885 22	Touter
886	Fuel Level Gauge Complete with Gauges, Guard Rods and Gauge Glass 887.	#5 WATER GAUGE 22	Toyon
887	Fuel Level Gauge Glass (Glass only).	#16 X .98 GAUGE GLASS 22	Tract
889	Drain Cock for Fuel Service Tank.	1/4" #140. Cock 22	Trader

STARTING AIR TANKS, GAUGES, AND VALVES

892	Starting Air Tank.	AIR RECEIVER 25	Traga
893	Air Gauge for Starting Air Tank 892.	GAUGES 25	Tragus
894	Air Gauge Nickel Plated for Use on Engines without Switch Box (For Switch Box Air Gauge See Part 590H).	25	Trama
895	Globe Valve, Composition Disc Type, for Air Service (Specify Size).	VALVES 25	Transept

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
STARTING AIR TANKS, GAUGES, AND VALVES - Cont'd			
896	Angle Valve, Composition Disc Type, for Air Service (Specify Size)	25	Trapan
897	Composition Renewal Disc only for Air Valves (Give Valve Size)	25	Trauma
898	Check Valve, Silent Type for Air Service (Specify Size)	25	Trave
899	Safety Relief Valve for Air Service (Specify Size)	25	Traverser
PILOT HOUSE DIAL CONTROL			
900R	Pilot House Dial Control Stand Assembled Complete Consisting of Parts 901 to 918 inclusive	39	Trident
901	Pilot House Dial Control Pedestal with Inspection Plate 902 and Screw 903.	39	Triform
902	Pilot House Dial Control Pedestal Inspection Plate.	39	Trig
903	Fillister Head Cap Screw for Inspection Plate 902	39	Triglot
904	Pilot House Dial Control Pedestal Head.	39	Trigraph
905	Hexagon Cap Screw for Pedestal Head 904	39	Triheen
906	Dial Control Lever Hand Grip.	39	Trill
907	Pilot House Dial Control Lever Hub.	39	Trimster
907R	Pilot House Dial Lever Assembly Consisting of Parts 906, 907, 908, 909, 910, 917 and 918	39	Trinal
908	Dial Control Lever Clamping Wheel	39	Triode
909	Dial Control Lever Clamping Bar	39	Triose
910	Dial Control Lever Clamping Screw with Nut 764A	39	Tripedal
911	Dial Plate Complete with Etched Dial 765A	39	Tripod
912	Dial Control Lever Spring	39	Trippet
913	Fillister Head Cap Screw with Lock Washer for Dial Plate 911	39	Triptote
914	Dial Plate Spacing Collar	39	Trismus
915	Dial Control Sprocket	39	Triton
916	Hexagon Cap Screw for Dial Control Sprocket 915	39	Trivet
917	Pilot House Dial Control Lever Shaft.	39	Trocar
918	Taper Pin for Pilot House Dial Control Lever Hub 907.	39	Troche
920	Pilot House Dial Control Stand Roller Chain with Spring Clip Connecting Links 935	39	Trochlea
921	Roller Chain for Dial Control Sprocket on Engine Complete with Spring Clip Connecting Links 935	39	Trogon
922	Eye Link for Engine Dial Control Roller Chain 921	39	Trollop
923	Alemite Hydraulic Angle Grease Fitting for Pilot House Control Pulley	39	Trompel
924	Alemite Hydraulic Straight Grease Fitting for Pilot House Control Pulley	39	Trone
925	Pilot House Control Steel Wire Rope, Special Extra Flexible	39	Trophi
926	Upright Pulley for Pilot House Control, Complete.	39	Tropine
927	Side Pulley for Pilot House Control, Complete	39	Trotter
928	Pilot House Control Pulley Sheave only, with Needle Bearing 938/114	39	Troupe
929	Pilot House Control Pulley Sheave Pin with Cotter Pin and Alemite Grease Fitting 923	39	Trover
930	Pilot House Control Turnbuckle Body	39	Troy
930R	Pilot House Control Turnbuckle Complete Consisting of Parts 930, 931, 932, 933 and 934.	39	Truant
931	Turnbuckle Eye, Left Hand Thread. <i>RIGHT HAND THREAD.</i>	39	Truckle
932	Check Nut, Left Hand Thread for Turnbuckle Eye 931.	39	Trummel
933	Turn Buckle End, Right Hand Thread.	39	Truncate
934	Check Nut, Right Hand Thread for Turnbuckle End 933	39	Trundle
935	Roller Chain Connecting Link, Spring Clip Type with Spring Clip 936.	39	Tryma
936	Spring Clip for Roller Chain Connecting Link 935.	39	Trypsin
937	Wire Rope Socket, (Solder Type) with Pin and Cotter	39	Tsamba
938	Needle Bearing for Pilot House Control Pulley Sheave 928.	39	Tuart



PARTS LIST

PART No. NAME OF PART SHOWN ON FIG. No. CODE WORD

WRENCHES

Note: For Miscellaneous Wrenches and Tools see Fig. 26.

Table with 4 columns: Part No., Name of Part, Shown on Fig. No., Code Word. Includes items 940 and 940R.

Note: Wrench No. 210 and 211 for 12 1/2 x 14" engines only.

Table with 4 columns: Wrench No., Openings, &, and another dimension. Lists wrenches 722 through 211.

AUTOMATIC AIR PRESSURE UNLOADER, Kahlenberg Air-Compressor Engines

Main parts list table with 4 columns: Part No., Name of Part, Shown on Fig. No., Code Word. Lists parts 950 through 975.

PILOT HOUSE REVERSE GEAR AND CLUTCH CONTROL

Table with 4 columns: Part No., Name of Part, Shown on Fig. No., Code Word. Includes items 976R, 977, and 978.

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
PILOT HOUSE REVERSE GEAR AND CLUTCH CONTROL - Cont'd			
979	Taper Pin for Pilot House Clutch Lever Socket 977.	40	Vacuole
980	Pilot House Clutch Lever Handle with Cross Pin 981	<i>64-2</i> 40	Vade
981	Cross Pin for Pilot House Clutch Lever	<i>981</i> 40	Vadium
982	Vertical Shaft for Pilot House Clutch Lever.	40	Vagary
983	Wall Bearing for Pilot House Clutch Lever Vertical Shaft	<i>A57</i> 40	Vagus
984	Collar for Pilot House Clutch Lever Vertical Shaft with Set Screw.	40A58	Valence
985	Floor Bearing for Pilot House Clutch Lever Vertical Shaft.	<i>A56</i> 40	Valerate
986	Arm for Pilot House Clutch Control Vertical Shaft.	<i>A60</i> 40	Valeric
987	Taper Pin for Pilot House Clutch Control Arm 986	<i># 6 x 2 1/2"</i> 40	Valeryl
988	Clutch Lever Connection Head with Pin 989.	<i>F13</i> 40	Valinch
989	Clutch Lever Connection Head Pin with Cotter Pin	<i>F32</i> 40	Vallate
990	Spring Clip for Pilot House Clutch Lever Upright Position.	40	Vang
991	Cap Screw for Pilot House Clutch Lever Spring Clip 990	40	Vansire
992	Coupling for Pilot House Clutch Control Vertical Shaft with Pins 987	<i>F241</i> 40	Varan
POWER TAKE-OFF CLUTCH, Type M			
1000R	Power Take-Off Clutch, Type M Complete Consisting of Parts 1000 to 1022 Inclusive and 1025R	<i>1000R</i> 44	Varsity
1000	Clutch Spider.	<i>G16</i> 44	Varuna
1001	Clutch Finger Pin with Cotter Pins	<i>G121</i> 44	Vasculum
1002	Clutch Finger.	<i>G20</i> 44	Vassal
1003	Clutch Jaw with Lining 1004.	<i>G17</i> 44	Vateria
1004	Lining with Rivets for Clutch Jaw 1003	<i>1004</i> 44	Veadar
1005	Clutch Jaw Pin with Cotter Pins.	<i>G122</i> 44	Veda
1006	Clutch Finger Spring	<i>G87</i> 44	Vedette
1007	Cap Screw for Clutch Finger Spring 1006.	<i>F122</i> 44	Vega
1008	Clutch Pulley with Pilot Bushing 1009.	<i>R12</i> 44	Vegetal
1009	Clutch Shaft Pilot Bushing	44	Velar
1010	Flywheel Bolt.	<i>R5</i> 44	Veldt
1011	Nut for Flywheel Bolt 1010	44	Velite
1012	Clutch Stub Shaft.	<i>G106</i> 44	Vellum
1013	Key for Clutch Spider 1000	44	Velox
1014	Clutch Sliding Sleeve with Pins 1015	<i>G12</i> 44	Velure
1015	Clutch Sliding Sleeve Pin with Cotter Pins	<i>G124</i> 44	Vena
1016	Clutch Finger Link Pin with Cotter Pins.	<i>G123</i> 44	Vendace
1017	Clutch Finger Link Adjusting Nut	44	Vendue
1018	Clutch Finger Link Jam Nut	44	Venene
1019	Clutch Finger Link Half with Left Hand Thread.	<i>G119</i> 44	Venire
1020	Clutch Finger Link Half with Right Hand Thread	<i>G118</i> 44	Ventose
1021	Clutch Carrier Yoke Collar	<i>G13</i> 44	Ventri
1022	Clutch Sliding Sleeve Stop Screw and Nut	44	Venue
1023	Clutch Stub Shaft Drive Flange	<i>G35</i> 44	Verano
1024	Cap Screw for Clutch Stub Shaft Drive Flange 1023.	44	Verbar
1025	Clutch Operating Lever, Upper End.	44	Verbena
1025R	Clutch Operating Lever Assembly Complete Consisting of Parts 1025, 1026, 1027, 1028, and 1029.	<i>1025R</i> 44	Verbiage
1026	Yoke for Clutch Operating Lever 1025 with Bolts 1030	44	Verbicide
1027	Clutch Operating Lever, Lower End.	44	Verdant
1028	Clutch Operating Lever Fulcrum Pin with Cotter Pins.	44	Verderer
1029	Clutch Lever Fulcrum Plate	<i>F108</i> 44	Verdigris
1030	Bolt with Nut for Yoke 1026.	<i>A39</i> 44	Verdin
LUBRICATING OIL FILTER			
1040R	Lubricating Oil Filter Complete Consisting of Parts 1041 to 1050 Inclusive.	<i>1040R</i> 28	Verso
1041	Lubricating Oil Filter Cover	28	Vertex
1042	Lubricating Oil Filter Cover Gasket.	<i>1042</i> 28	Vertigo

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
LUBRICATING OIL FILTER — Cont'd			
1043	Lubricating Oil Filter Cover Bolt Ring.	28	Vervet
1044	Lubricating Oil Filter Cover Cap Screw.	28	Vespid
1045	Lubricating Oil Filter Tank	28	Vesta
1046	Lubricating Oil Filter Bag.	28	Vetch
1047	Gasket for Lubricating Oil Filter Bag	28	Viator
1048	Lubricating Oil Filter Bag Ring	28	Vibrio
1049	Bag Spacer Metal Mat for Lubricating Oil Filter	28	Vicar
1050	Lubricating Oil Filter Spool Assembly (Complete Filter Interior less Bag 1046, Gasket 1047, Bag Ring 1048 and Mat 1049).	28	Viceroy
1051	Tee at Lubricating Oil Filter Inlet	28	Vicia
1052	Nipple between Lubricating Oil Filter and Tee 1051.	28	Vicine
1053	Lubricating Oil Pressure Gauge.	28	Victor
1054	Lubricating Oil Filter Bracket.	28	Victual
1055	Hexagon Cap Screw for Attaching Lubricating Oil Filter.	28	Vicuda
1056	Half Union for Lubricating Oil Filter Copper Tube	28	Vidette
1057	Union Nut for Lubricating Oil Filter Copper Tube.	28	Vigil
1058	Elbow for Lubricating Oil Filter Copper Tube.	28	Vigor
1059	Copper Tube from Lubricating Oil Sump Pump to Filter with Union Nuts 1057.	28	Vihara
1060	Copper Tube from Lubricating Oil Sump Tank to Sump Pump with Union Nuts 1057.	28	Vilayet
1061	Outlet Copper Tube between Lubricating Oil Filter and Lubricator.	28	Villa
1062	Elbow for Lubricating Oil Filter Outlet Copper Tube 1061.	28	Villein
1063	Union Nut for Lubricating Oil Filter Outlet Copper Tube 1061.	28	Villus
1064	Tubing Clip for Lubricating Oil Filter Outlet Copper Tube 1061.	28	Vimen
LUBRICATING OIL SUMP TANK			
1074R	Assembled Lubricating Oil Sump Tank Complete, Consisting of Parts 1075 to 1079 and 1086 to 1088 Inclusive.	28	Vireo
1075	Lubricating Oil Sump Tank Body.	28	Virgate
1076	Lubricating Oil Sump Tank Cover	28	Virgo
1077	Gasket for Lubricating Oil Sump Tank Cover 1076	28	Viridine
1078	Drain Plug for Lubricating Oil Sump Tank Body 1075.	28	Virtu
1079	Cap Screw for Lubricating Oil Sump Tank Cover	28	Visage
1080	Lubricating Oil Sump Tank Bracket	28	Visayan
1081	Hexagon Cap Screw Between Lubricating Oil Sump Tank and Bracket	28	Viscount
1082	Hexagon Cap Screw for Attaching Lubricating Oil Sump Tank Bracket to Engine Bed Plate.	28	Viscum
1083	Elbow for Base Drain Copper Tube.	28	Vischnu
1084	Union Nut for Base Drain Copper Tube.	28	Visigoth
1085	Copper Tube between Lubricating Oil Sump Tank and Crank Case with Union Nuts 1084.	28	Visional
1086	Half Union for Lubricating Oil Sump Tank Air Vent	28	Visite
1087	Union Nut for Lubricating Oil Sump Tank Air Vent.	28	Vista
1088	Copper Tube for Lubricating Oil Sump Tank Air Vent.	28	Vitagraph
LUBRICATING OIL SUMP PUMP			
1090R	Assembled Lubricating Oil Sump Pump Complete with Bracket and Drive Consisting of Parts 424 to 428, 430, 432 to 436, 1092 to 1100 and 1158 to 1160 inclusive	28	Vitta
1091R	Assembled Combination Fuel Service Pump and Sump Pump with Bracket and Drive Consisting of Parts 425 to 428, 430, 432 to 436, 1092 to 1104, and 1151 to 1160 inclusive	28	Vluga
1092	Lubricating Oil Sump Pump Barrel with Lapped Plunger 1094	28	Viverra
1093	Lubricating Oil Sump Pump Barrel Lock Nut	28	Vives
1094	Lubricating Oil Sump Pump Plunger with Parts 1095, 1096, and Barrel 1092.	28	Vivipara
1095	Lubricating Oil Sump Pump Discharge Valve Ball.	28	Vixen

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
LUBRICATING OIL SUMP PUMP—Cont'd			
1096	Lubricating Oil Sump Pump Discharge Valve Seat with Dowel Screw	<i>5186</i> 28	Vizor
1097	Lubricating Oil Sump Pump Suction Valve Seat Fitted with Ball 1098 and Stop Pin 1099.	<i>1097-5187</i> 28	Vocative
1098	Lubricating Oil Sump Pump Suction Valve Ball.	<i>5188</i> 28	Vogue
1099	Stop Pin for Sump Pump Suction Valve Ball 1098.	28	Voile
1100	Single Bracket for Sump Pump Only	<i>5119</i> 28	Volar
1101	Double Bracket for Combination Sump Pump and Fuel Service Pump	<i>5174</i> 28	Volplane
1102	Wrist Pin with Nut 424A for Combination Sump Pump and Fuel Service Pump	<i>5178</i> 28	Voltaic
1103	Spacing Washer between Sump Pump Plunger and Drive Arm 425.	<i>5180</i> 28	Voltigeur
1104	Shouldered Wrist Pin Sleeve for Fuel Service Pump Plunger	<i>5179</i> 28	Volucrine
FUEL SERVICE PUMP, Type B			
Note: For Packed (Type A) Fuel Service Pump see Fig. 7 and Parts 419 to 438.			
1150R	Assembled Fuel Service Pump Type B (Lapped Packingless Plunger) consisting of Parts 424 to 430, 432 to 436, and 1151 to 1160 inclusive.	<i>1150R</i> 21	Wabayo
1151	Fuel Service Pump Plunger with Parts 1152, 1153, and Barrel 1154	<i>1154</i> 21	Wachna
1152	Fuel Service Pump Discharge Valve Ball.	<i>5188</i> 21	Wader
1153	Fuel Service Pump Discharge Valve Seat with Dowel Screw	21	Wager
1154	Fuel Service Pump Barrel with Plunger 1151.	<i>1154</i> 21	Wagoner
1155	Fuel Service Pump Suction Valve Seat Fitted with Ball 1156 and Stop Pin 1157.	<i>1155-5187</i> 21	Wain
1156	Fuel Service Pump Suction Valve Ball.	<i>5188</i> 21	Waiter
1157	Stop Pin for Fuel Service Pump Suction Valve Ball 1156.	21	Wald
1158	Half Union for Copper Drain Tube 1160	21,28	Wale
1159	Union Nut for Copper Drain Tube 1160.	21,28	Walker
1160	Copper Drain Tube	21,28	Wallaba
CENTRIFUGAL PUMP			
1200R	Assembled Centrifugal Pump Complete, Less Rails and Pulley, Consisting of Parts 1201 to 1245 Inclusive	32	Wattle
1201	Centrifugal Pump Frame with Bearing Housing Cap, Name Plate 1203, and Cap Screw 1202	32	Wavelet
1202	Centrifugal Pump Bearing Housing Cap Screw.	32	Waverley
1203	Centrifugal Pump Name Plate	32	Waveson
1204	Centrifugal Pump Drive End Cap.	32	Waxbill
1205	Centrifugal Pump Drive End Cap Screw.	<i>M 8.7</i> 32	Waxtex
1206	Centrifugal Pump Bearing Housing End Plate at Impeller End.	<i>M 9.3</i> 32	Waxton
1207	Centrifugal Pump Bearing Housing End Plate Cap Screw at Impeller End.	32	Waxwing
1208	Centrifugal Pump Impeller with Cross Pin 1209	<i>M 7.9</i> 32	Waybung
1209	Centrifugal Pump Impeller Cross Pin	32	Weald
1210	Centrifugal Pump Shaft with Sleeve 1211 and Parts 1236, 1237, 1242, 1243 and 1244.	32	Weasand
1210R	Assembled Centrifugal Pump Shaft and Impeller Complete Consisting of Parts 1208 and 1210	32	Weaver
1211	Centrifugal Pump Shaft Sleeve	<i>M 9.4</i> 32	Weazon
1212	Centrifugal Pump Gland, Split with Clamping Bolts 1213 and Nuts 1214	32	Webbing
1213	Centrifugal Pump Gland Clamping Bolt.	32	Wedgebill
1214	Centrifugal Pump Gland Clamping Bolt Nut.	32	Wedgetex
1215	Centrifugal Pump Gland Bolt with Nut 1216	32	Wedgewood
1216	Centrifugal Pump Gland Bolt Nut	32	Weed
1217	Centrifugal Pump Packing (One Set).	<i>#235-PACKING 1217</i> 32	Weedex
1218	Centrifugal Pump Split Lantern Ring	32	Weeper

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PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
CENTRIFUGAL PUMP—Cont'd			
1219	Centrifugal Pump Head.	M.92	32 Weevil
1220	Centrifugal Pump Head Cap Screw.		32 Weil
1221	Centrifugal Pump Casing.	M.80	32 Weir
1222	Centrifugal Pump Casing Cap Screw.		32 Weka
1223	Centrifugal Pump Casing Vent Cock.	M.126 & M.127	32 Welkin
1224	Centrifugal Pump Casing Drain Plug		32 Wellington
1225	Centrifugal Pump Discharge Flange.	A.29	32 Welltex
1226	Centrifugal Pump Discharge Flange Gasket	M.110	32 Welsbach
1227	Centrifugal Pump Discharge Flange Bolt with Nut 1228		32 Welsh
1228	Centrifugal Pump Discharge Flange Bolt Nut		32 Welt
1229	Centrifugal Pump Suction Flange.	A.29	32 Wergild
1230	Centrifugal Pump Suction Flange Gasket	M.110	32 Werner
1231	Centrifugal Pump Suction Flange Bolt with Nut 1232		32 Wesley
1232	Centrifugal Pump Suction Flange Bolt Nut		32 Westman
1233	Centrifugal Pump Ball Bearing at Impeller End.	307 W BEARING	32 Westral
1234	Centrifugal Pump Ball Bearing at Drive End	306 W BEARING	32 Wey
1235	Centrifugal Pump Ball Bearing Spacing Sleeve	M.107	32 Whaleback
1236	Centrifugal Pump Ball Bearing Lock Washer.	1236	32 Whaler
1237	Centrifugal Pump Ball Bearing Lock Nut	1237	32 Whare
1238	Centrifugal Pump Water Deflector with Set Screw 1239	M.90	32 Wharve
1239	Centrifugal Pump Water Deflector Set Screw		32 Wheat
1240	Centrifugal Pump Drain Street Ell.		32 Wheatear
1241	Centrifugal Pump Drain Pipe.		32 Wheeler
1242	Centrifugal Pump Shaft Washer.	M.101	32 Wheeling
1243	Centrifugal Pump Shaft Nut		32 Wheen
1244	Centrifugal Pump Shaft Cotter Pin.		32 Wherry
1245	Centrifugal Pump Grease Fitting.		32 Whetstone
1246	Hand Grease Gun.	GUN, GREASE	26 Whidah
1247	Centrifugal Pump Sliding Rail with Adjusting Screw 1248.	142	32 Whig
1248	Centrifugal Pump Sliding Rail Adjusting Screw with Nut 1249.		32 Whilk
1249	Centrifugal Pump Sliding Rail Adjusting Screw Nut.		32 Whilom
1250	Centrifugal Pump Hold Down Bolt with Nut 1251.		32 Whimberry
1251	Centrifugal Pump Hold Down Bolt Nut.		32 Whinstone
1252	Centrifugal Pump Pulley.		32 Whipcord
1253	Centrifugal Pump Pulley Key.		32 Whippet
1254	Centrifugal Pump V-Belt.		32 Whipsaw
1255	Expansion Joint (State Pipe Size).	JOINT.	- Whist

WATER PUMP VALVE, Type D with Bolted Air Chamber

Note: Always state whether parts are for cooling water pump or bilge pump. Bilge pump is on exhaust side of engine. For water pump parts not listed here see Parts 137 to 148, 154 to 160 and Fig. 2

1301	Water Pump Valve Chamber	M.37	31 Windrose
1302R	Assembled Water Pump Valve Chamber, Consisting of Parts 1301, 1315R, 1316, 1317, 1318 and 1320.		31 Windsor
1303	Water Pump Discharge Valve		31 Winesap
1304	Water Pump Discharge Valve Seat.	M.63	31 Winker
1305	Water Pump Discharge Valve Stem.		31 Winze
1306	Water Pump Discharge Valve Sleeve.		31 Wistaria
1307	Water Pump Discharge Valve Spring.		31 Witan
1308	Water Pump Discharge Valve Guard	M.64	31 Withe
1309	Nut for Water Pump Discharge Valve Stem 1305		31 Witling
1310	Cotter Pin for Water Pump Discharge Valve Stem 1305.		31 Witwall
1311	Water Pump Suction Valve		31 Witern
1312	Water Pump Suction Valve Stem.		31 Wizen
1313	Water Pump Suction Valve Sleeve.		31 Woad
1314	Water Pump Suction Valve Spring.		31 Wokas

ALWAYS GIVE ENGINE NUMBER

PARTS LIST

PART No.	NAME OF PART	SHOWN ON FIG. No.	CODE WORD
WATER PUMP VALVE, Type D with Bolted Air Chamber—Cont'd			
1315R	Assembled Water Pump Valve Unit, Consisting of Parts 1303 to 1314 Inclusive.	<i>1315-R</i> 31	Wold
1316	Water Pump Valve Hold-down Yoke.	<i>M78-1</i> 31	Wolffia
1317	Cap Screw for Water Pump Valve Hold-down Yoke 1316	<i>M112</i> 31	Wolf
1318	Nut for Water Pump Valve Hold-down Yoke Screw 1317	31	Wombat
1319	Water Pump Air Chamber	<i>M114</i> 31	Wonga
1320	Water Pump Air Chamber Stud.	31	Woodbury
1321	Nut for Water Pump Air Chamber Stud 1320	31	Woodchat
1322	Water Pump Air Chamber Ring Gasket	<i>M129</i> 31	Woodland
1323	Water Pump Suction Flange.	<i>M113</i> 31	Woodlark
1324	Water Pump Suction Flange Gasket	<i>M114</i> 31	Woodman
1325	Cap Screw for Water Pump Suction Flange 1323	31	Woodmor

CYLINDER HEAD, Type F

1350	Cylinder Head with Studs 1351.	<i>S4</i> 33	Wrig
1351	Cylinder Head Cap Stud	33	Wright
1352	Cylinder Head Cap with Parts 10, 10A and 13.	<i>S5</i> 33	Writ
1353	Cylinder Head Water Tube	<i>S189</i> 33	Wroth
1354	Rubber Gasket for Cylinder Head Water Tube 1353.	<i>S190</i> 33	Wrybill
1355	Cylinder Head Water Vent Cock.	<i>COCKS #230</i> 33	Wryneck
1356	Outlet Pipe Bend between Cylinder Head and Exhaust Manifold. <i>M30</i> 33		Wurli
1357	Cylinder Head Water Outlet Tee	<i>3/4 X 3/8 X 3/4 -BRASS</i> 33	Wye
1358	Nipple between Outlet Tee 1357 and Cylinder Head Cap 1352.	33	Wynn