

GROUPS AND COMPONENTS

Group No. 1

CYLINDERS

MODEL

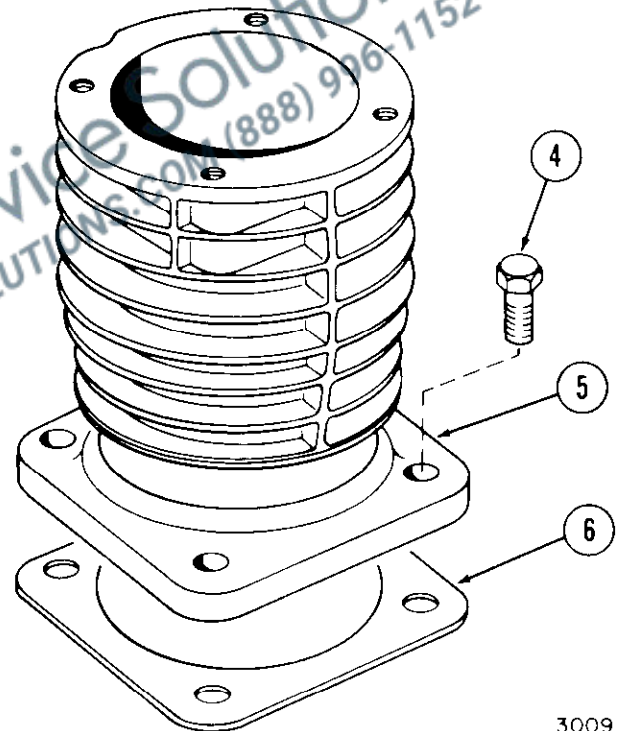
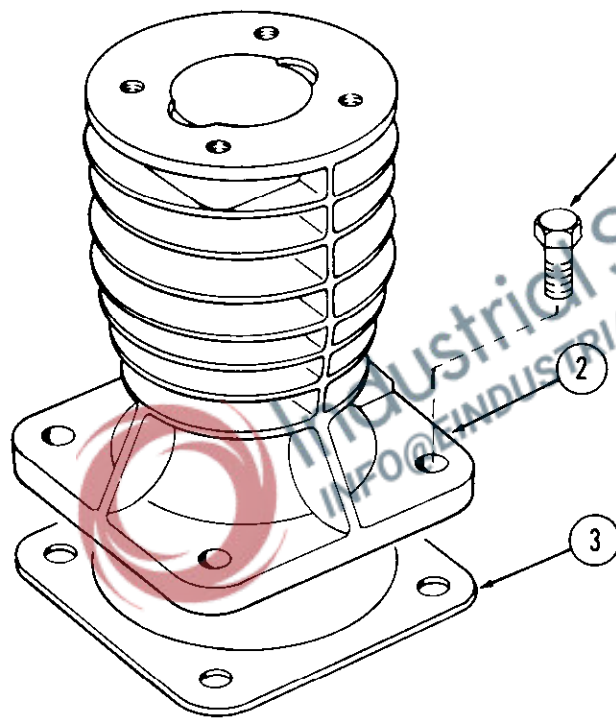
Series
500
550A

PART NUMBERS

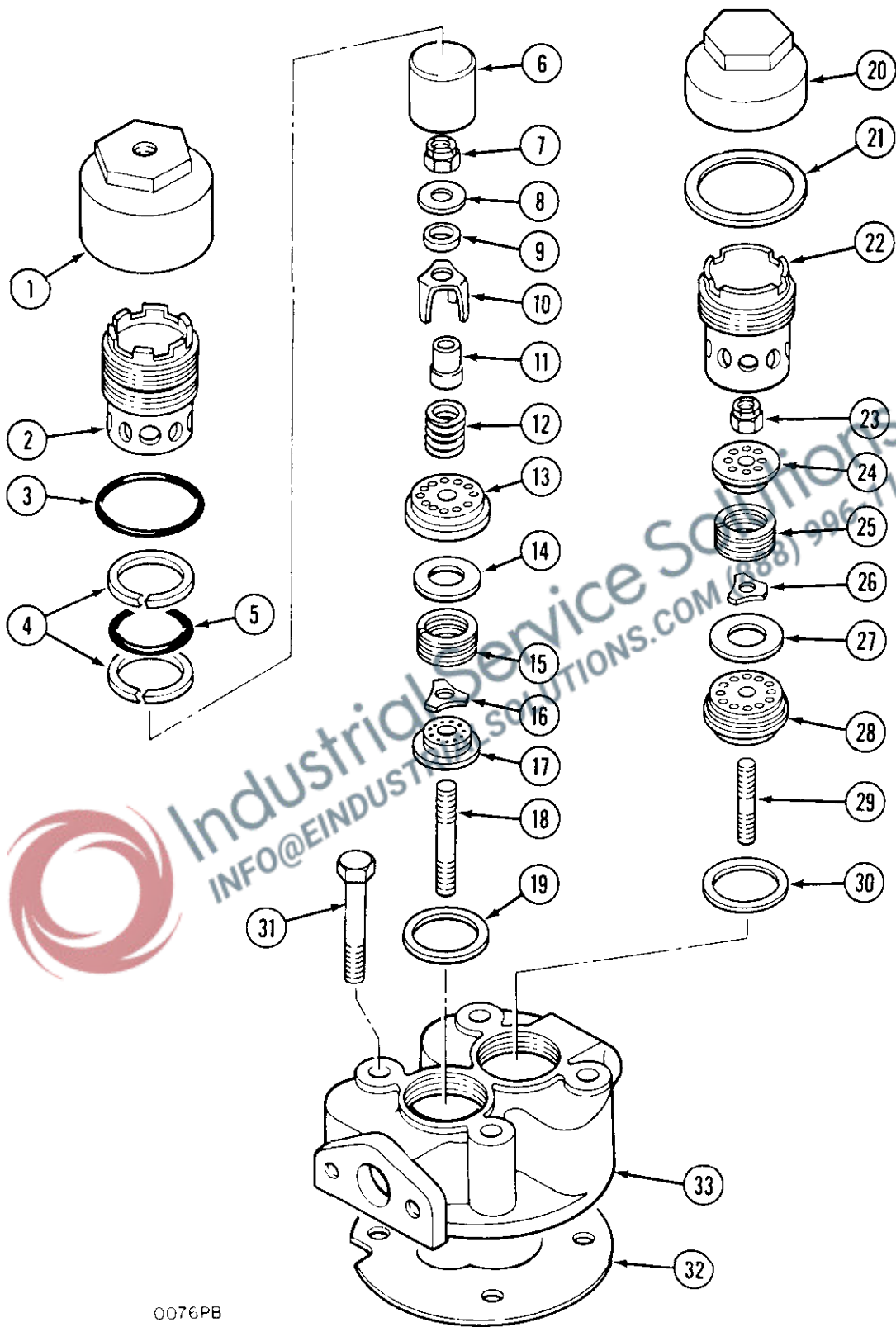
GH1-324

STANDARD

Ref.	Part Description	Qty.	
	SCREW, Cap	4	02-102
	CYLINDER, High pressure	1	H1-324
	GASKET, H.P. Cylinder	1	H16-1379
	SCREW, Cap	4	02-102
	CYLINDER, Low pressure	1	H1-323
	GASKET, L.P. Cylinder	1	H16-1379



3009



0076PB

GROUPS AND COMPONENTS

Group No. 2

CYLINDER HEAD, Low Pressure

MODEL

Series
500

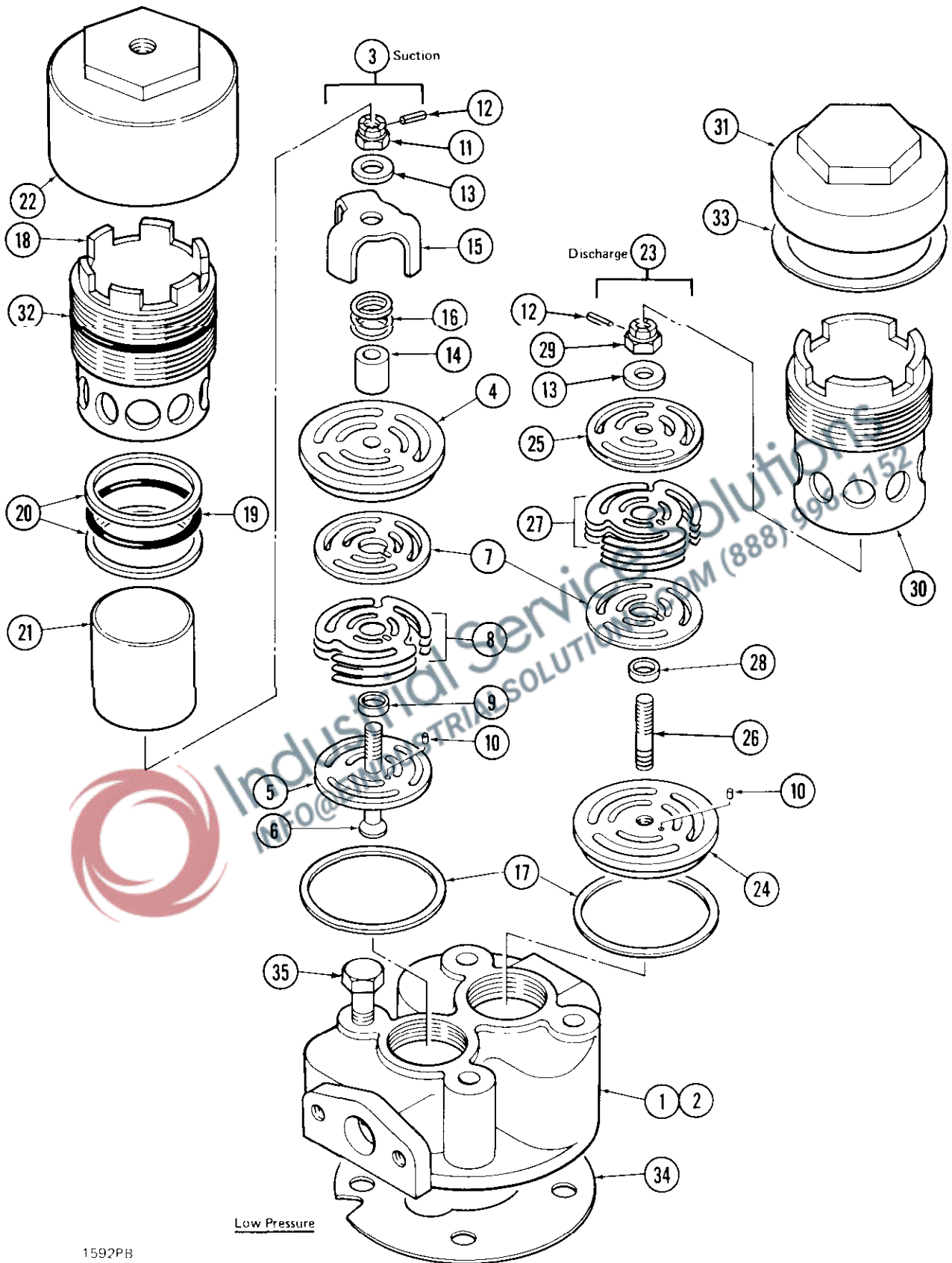
PART NUMBERS

STANDARD

3GH2-274

0076PB

Ref.	Part Description	Qty.	
	CYLINDER HEAD ASSY, Low pressure	1	AH2-276-1 Inc. A to J
1	CAP, Suction valve	1	H4-264--A
2	SLEEVE, Holddown	1	175-33
3	"O" Ring, Cap	1	H125-277
4	SEAL, Felt	2	H125-256
5	"O" Ring	1	H125-286
6	PLUNGER	1	H8-369
	VALVE ASSEMBLY, Suction	1	AH15-1251-1 Inc. B to E
7	NUT	1	H53-729--B
8	WASHER	1	06-69
9	SPACER	1	H22-593
10	ROD, Push	1	H99-110
11	SPACER, (Not Ser. Sep.)	1	H22-560
12	SPRING, Plunger	1	H24-482
13	SEAT, Valve (Not Ser. Sep.)	1	H15-1251-1
14	VALVE	1	H15-656
15	SPRING, Valve	1	H24-1066
16	GUIDE, Valve (Not Ser. Sep.)	1	H58-107-2
	RETAINER ASSEMBLY, Valve spring (Not Ser. Sep.)	1	AH15-1252-1 Inc. C & D
17	RETAINER (Not Ser. Sep.)	1	H15-1252-1--
18	STUD, (Not Ser. Sep.)	1	H105-545--D
19	GASKET, Suction valve	1	H16-1467--E
20	CAP, Discharge valve	1	H4-274-2
21	GASKET, Cap	1	H16-1531-2
22	PLUG, Discharge valve	1	H175-34
	VALVE ASSEMBLY, Discharge	1	1AH15-1251 Inc. F to I
23	NUT	1	53-729--F
24	RETAINER, Valve spring (Not Ser. Sep.)	1	H15-1252
25	SPRING, Valve	1	H24-1066
26	GUIDE, Valve (Not Ser. Sep.)	1	H58-107-2
27	VALVE	1	H15-656
	VALVE SEAT ASSEMBLY, (Not Ser. Sep.)	1	AH15-1251 Inc. G & H
28	SEAT, Valve (Not Ser. Sep.)	1	H15-1251--G
29	STUD, (Not Ser. Sep.)	1	H105-544--H
30	GASKET, Discharge valve	1	H16-1466--I
33	HEAD, Cylinder, low pressure	1	H2-276-1--J
32	GASKET, Cylinder head	1	H16-1382
31	SCREW, Cap	4	02-80



1592PB

GROUPS AND COMPONENTS

Group No. 2A CYLINDER HEAD, Low Pressure

MODEL

SERIES

550A

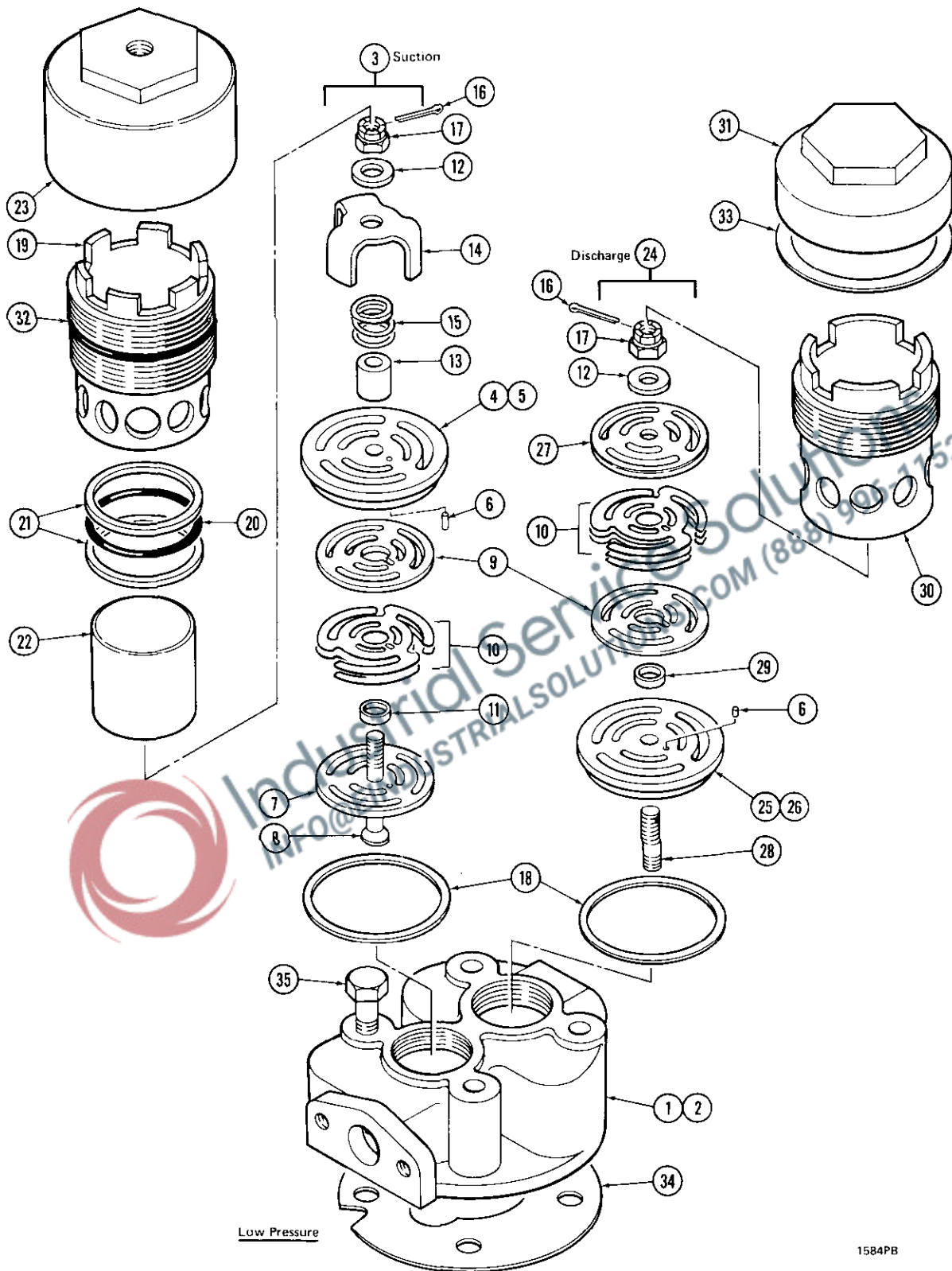
PART NUMBERS

STANDARD

1G2-274-1

1592PB

Ref.	Part Description	Qty.	
1	HEAD ASSEMBLY, L.P. Cylinder	1	1A2-276-4 Inc. A to F
2	HEAD, L. P. Cylinder	1	2-276-4--A
3	VALVE ASSEMBLY, Suction	1	15-1538 Inc. B to C
4	SEAT, Valve	1	220-148-31--
5	GUARD	1	220-148-32
6	BOLT, Center	1	220-148-33
7	PLATE, Valve	1	220-148-34
8	PLATE, Spring	3	220-148-35
9	GUIDE, Valve	1	220-148-48
10	PIN, Locating	1	220-148-37
11	NUT, Special	1	220-148-88
12	PIN, Roll	1	220-148-87
13	WASHER	1	220-148-39
14	SPACER	1	220-148-40
15	UNLOADER	1	220-148-41
16	SPRING	1	220-148-9--C
17	GASKET	1	H16-1466
18	SLEEVE, Holddown	1	175-33-3
19	O-RING	1	H125-286
20	SEAL, Felt	2	H125-256
21	PLUNGER, Unloader	1	8-795
22	CAP	1	H4-264
23	VALVE ASSEMBLY, Discharge	1	15-1539 Inc. D to E
24	SEAT, Valve	1	220-148-43--
25	GUARD	1	220-148-44
26	STUD, Center	1	220-148-45
27	PLATE, Valve	1	220-148-34
28	PLATE, Spring	4	220-148-47
29	GUIDE, Valve	1	220-148-36
30	PIN, Locating	1	220-148-37
31	NUT, Special	1	220-148-38
32	PIN, Roll	1	220-148-87
33	WASHER	1	220-148-39--
34	GASKET	1	H16-1466
35	PLUG (Sleeve)	1	H175-34
36	CAP	1	H4-264-2
37	O-RING	1	H125-277
38	GASKET	1	H16-1531-2--
39	GASKET, Cylinder Head	1	H16-1969
40	SCREW, Cap	4	02-80



Low Pressure

1584PB

GROUPS AND COMPONENTS

CYLINDER HEAD (With
Unloaders -LeROI Valves)

Group No. 2B

MODEL
SERIES
550A

PART NUMBERS

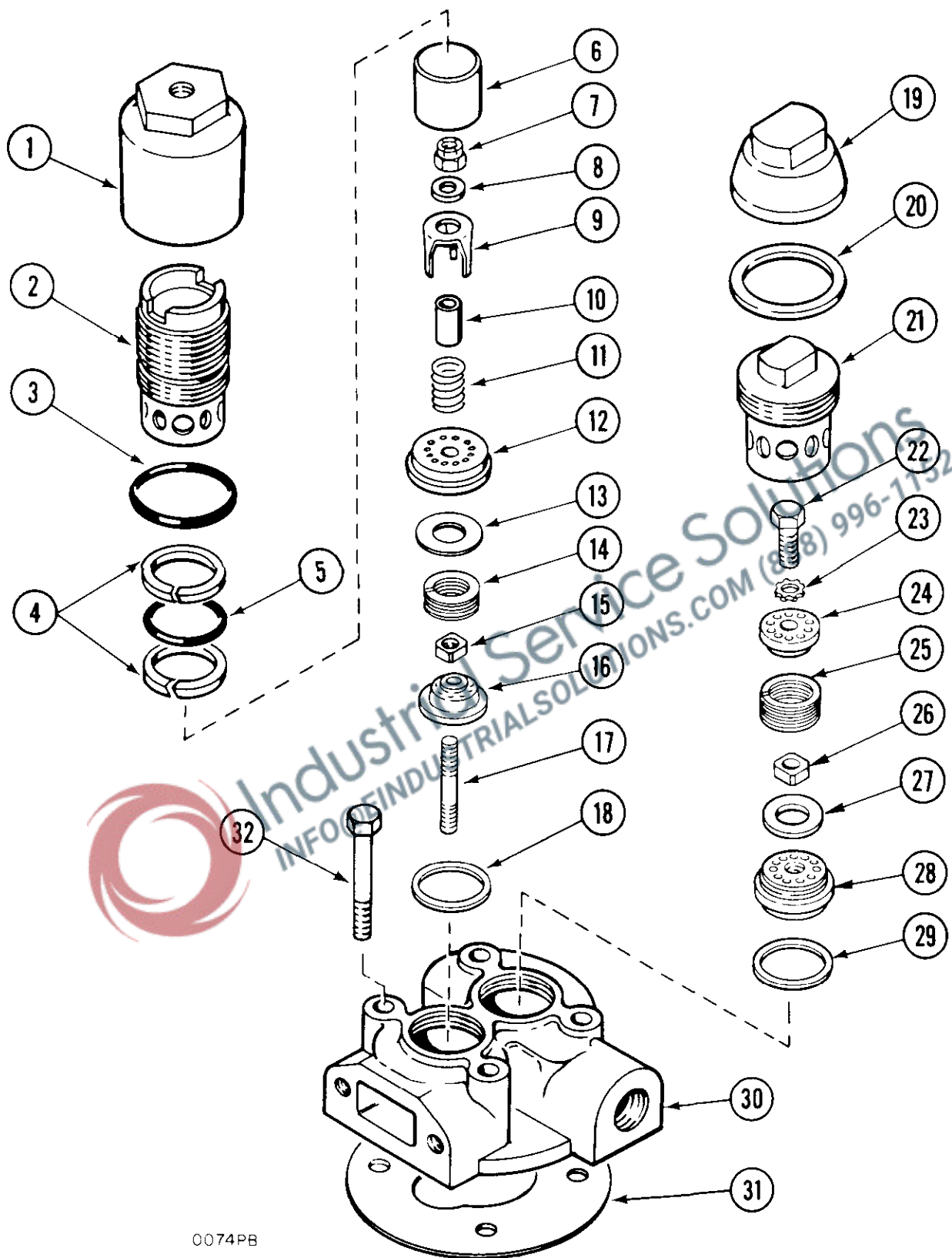
STANDARD

G2-274-1

1584PB

4017x4995
and Later

Ref.	Part Description	Qty.	
1	HEAD ASSEMBLY, L.P. Cylinder	1	A2-276-4 Inc. A to J
2	HEAD, Cylinder	1	2-276-4--A
3	VALVE ASSEMBLY, Suction	1	1A15-1565 Inc. B to E
4	SEAT, Valve (Assembly)	1	A15-1565 Inc. C & D
5	SEAT, Valve	1	15-1565--C
6	PIN, Locating	1	17-598-53--
7	GUARD, Valve	1	15-1566-1
8	BOLT, Center	1	34-1400
9	PLATE, Valve	1	15-1569
10	PLATE, Spring	3	24-746
11	GUIDE, Valve	1	22-1090
12	WASHER	1	20-889
13	SPACER	1	22-973
14	UNLOADER	1	99-130
15	SPRING	1	24-747
16	PIN, Cotter	1	07-5
17	NUT, Special	1	04-802--E
18	GASKET, Valve	1	H16-1466
19	SLEEVE, Holddown	1	175-83-3
20	SEAL, O-Ring	1	H125-286
21	SEAL, Felt	2	H125-256
22	PLUNGER, Unloader	1	8-795
23	CAP, Valve	1	H4-264
24	VALVE ASSEMBLY, Discharge	1	1A15-1567 Inc. F to I
25	SEAT, Valve (Assembly)	1	A15-1567 Inc. G & H
26	SEAT, Valve	1	15-1567--G
6	PIN, Locating	1	17-598-53--
27	GUARD, Valve	1	15-1566
28	STUD, Center	1	105-578
9	PLATE, Valve	1	15-1569
10	PLATE, Spring	4	24-746
29	GUIDE, Valve	1	22-974
12	WASHER	1	20-889
16	PIN, Cotter	1	07-5
17	NUT, Special	1	04-802--I
18	GASKET, Valve	1	H16-1466
30	PLUG, Holddown	1	H175-34
31	CAP, Valve	1	H4-264-2
32	SEAL, O-Ring, Valve Cap	1	H125-277
33	GASKET, Valve Cap	1	H16-1531-2-
34	GASKET, Cylinder Head	1	16-1969
35	SCREW, Cap	4	02-80
	KIT, Valve	1	A204-883 Inc. K to L
	VALVE, Suction	1	1A15-1565--
	VALVE, Discharge	1	1A15-1567
	GASKET, Valve	2	H16-1466--I



0074PB

GROUPS AND COMPONENTS

Group No. 3

CYLINDER HEAD, High Pressure

MODEL

Series
500

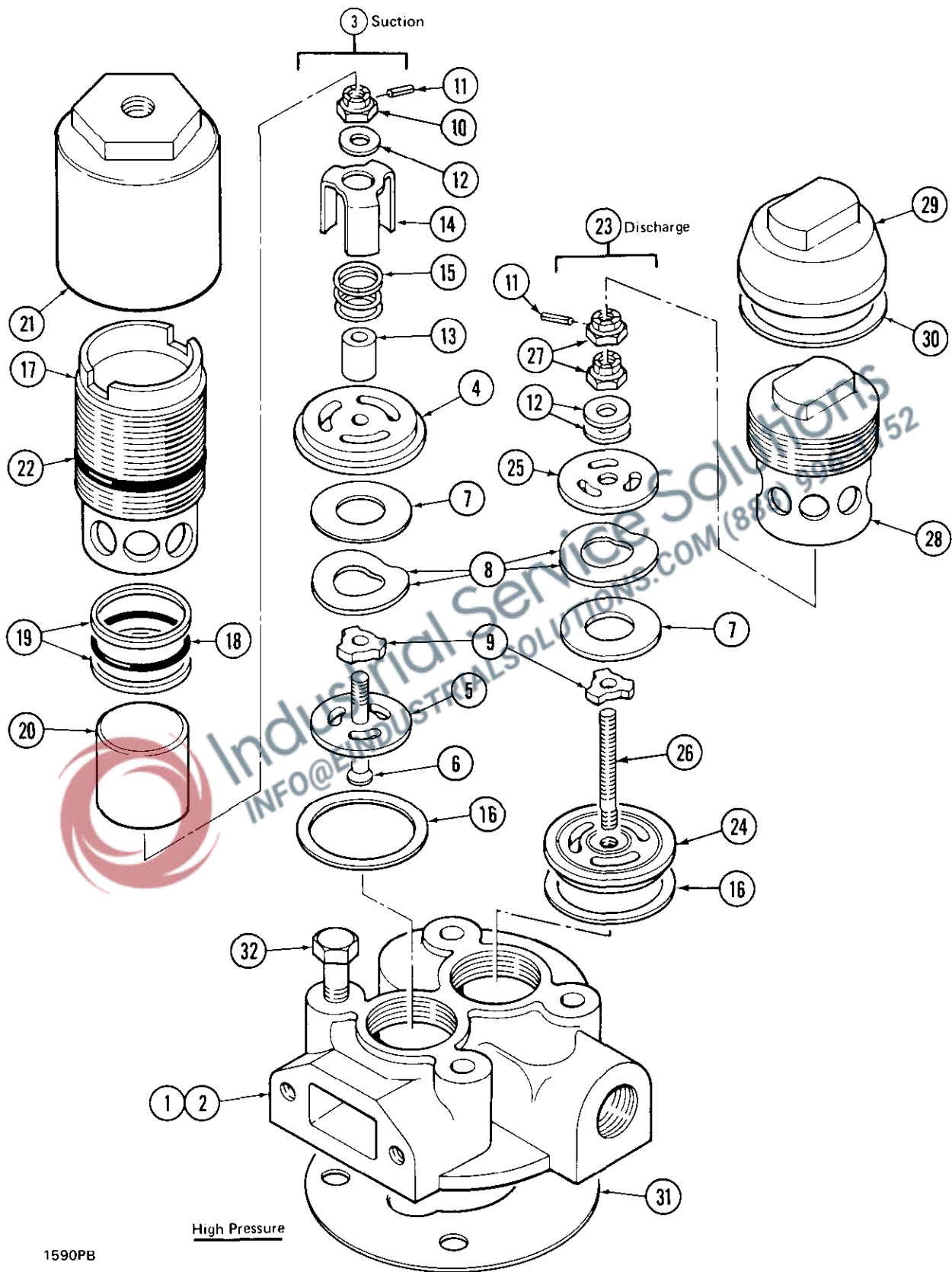
PART NUMBERS

STANDARD

3GH2-274

0074PB

Ref.	Part Description	Qty.	
	CYLINDER HEAD ASSY., H.P.	1	1AH2-274
1	CAP, Suction valve	1	Inc. A to H
2	SLEEVE, Holddown	1	H4-265-2--A
3	"O"Ring, Cap	1	H175-29-3
4	SEAL, Felt	2	H125-263
			H125-259
5	"O" Ring	1	H125-285
6	PLUNGER	1	H8-359
	VALVE ASSY., Suction	1	1AH15-1256-
			Inc. B to E
7	NUT	1	53-729-1--B
8	WASHER	1	06-68
9	ROD, Push	1	H99-111
10	SPACER, Plunger	1	H22-561-1
11	SPRING, Plunger	1	H24-504
12	SEAT, Valve (Not Ser. Sep.)	1	H15-1255-1
13	VALVE	1	H15-604
14	SPRING, Valve	1	H24-334
15	GUIDE, Valve (Not Ser. Sep.)	1	H58-81-1
	RETAINER ASSY., Valve spring (Not Ser. Sep.)	1	AH15-1256-1
			Inc. C & D
16	RETAINER, Spring (Not Ser. Sep.)	1	H15-1256-1--
17	STUD (Not Ser. Sep.)	1	H105-547--D
18	GASKET, Suction valve	1	H16-1465--E
19	CAP, Discharge valve	1	H4-410
20	GASKET, Cap	1	H16-1531-1
21	PLUG, Discharge valve	1	H19-259
	VALVE ASSY., Discharge	1	AH15-1255
			Inc. F to G
22	SCREW, Cap	1	02-518--F
23	WASHER, Lock	1	05-50
24	RETAINER, Spring (Not Ser. Sep.)	1	H15-1256
25	SPRING, Valve	1	H24-634
26	GUIDE, Valve (Not Ser. Sep.)	1	H58-81-1
27	VALVE, Discharge	1	H15-604
28	SEAT, Valve (Not Ser. Sep.)	1	H15-1255
29	GASKET, Discharge valve	1	H16-1465--G
30	HEAD, Cylinder, high pressure	1	H2-274--H
31	GASKET, Cylinder head	1	H16-1380
32	SCREW, Cap	4	02-44



GROUPS AND COMPONENTS

Group No. 3A CYLINDER HEAD, High Pressure

MODEL
SERIES
550A

PART NUMBERS

STANDARD

STANDARD

1G2-274-1

1G2-274-1

1590PB

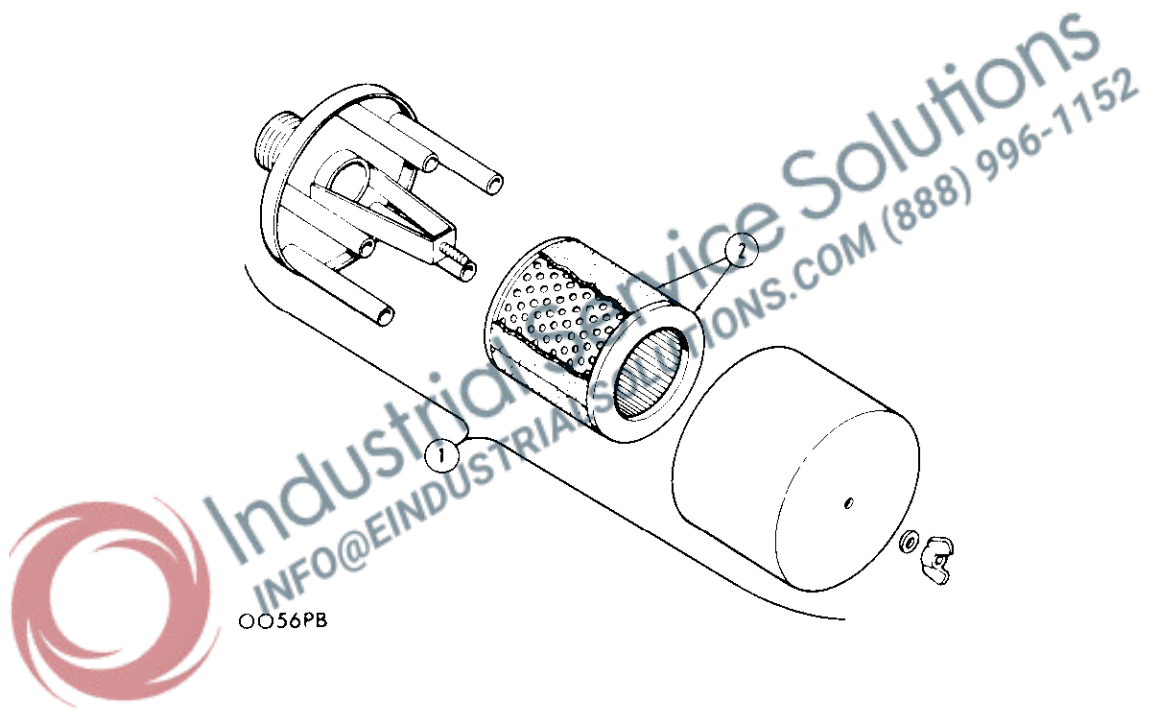
Ref.	Part Description	Qty.		
1	HEAD ASSEMBLY, H.P. Cylinder	1	A2-274-1	●
2	HEAD, H. P. Cylinder	1	Inc. A to F 2-274-1--A	Inc. A to F ●--A
3	VALVE ASSEMBLY, Suction	1	15-1534	●
4	SEAT, Valve	1	Inc. B to C 220-148-78--B	
5	GUARD	1	220-148-79	
6	BOLT, Center	1	220-148-80	Service
7	PLATE, Valve	1	220-148-55	these
8	SPRING	2	220-148-75	units
9	GUIDE, Valve	1	220-148-76	with
10	NUT, Special	1	220-148-58	complete
11	PIN, Roll	1	220-148-86	valve
12	WASHER	1	220-148-59	assemblies
13	SPACER	1	220-148-81	only.
14	UNLOADER	1	220-148-70	
15	SPRING	1	220-148-9--C	
16	GASKET	1	16-1878	●
17	SLEEVE, Holddown	1	175-29-9	●
18	O-RING	1	H125-285	●
19	SEAL, Felt	2	H125-259	●
20	PLUNGER, Unloader	1	8-796	●
21	CAP	1	H4-265-2	●
22	O-RING	1	H125-268	●
23	VALVE ASSEMBLY, Discharge	1	15-1535	●
24	SEAT, Valve	1	Inc. D to E 220-148-72--D	
25	GUARD	1	220-148-73	Service
26	STUD	1	220-148-74	these
27	PLATE, Valve	1	220-148-55	units
28	SPRING	2	220-148-75	with
29	GUIDE, Valve	1	220-148-76	complete
30	NUT, Special	2	220-148-77	valve
31	PIN, Roll	1	220-148-87	assemblies
32	WASHER	2	220-148-59--E	only.
33	GASKET	1	16-1878	●
34	PLUG	1	H19-259	●
35	CAP	1	H4-410	●
36	GASKET	1	H16-1531-1--F	●--F
37	GASKET	1	H16-1380	●
38	SCREW, Cap	4	02-44	●

● Part number is same as in first column.

GROUPS AND COMPONENTS

Group No. 4 AIR FILTER

MODEL			PART NUMBERS				
Series			STANDARD				
500			GH43-660-1				
550A							
Ref.	Part Description	Qty.					
1	AIR CLEANER ASSEMBLY	1	H43-660-1 Inc. A & B				
2	ELEMENT, Air cleaner LABEL	1	H43-651--A				
		1	H62-590--B				



GROUPS AND COMPONENTS

Group No. 5

CRANKSHAFT

MODEL

Series

500

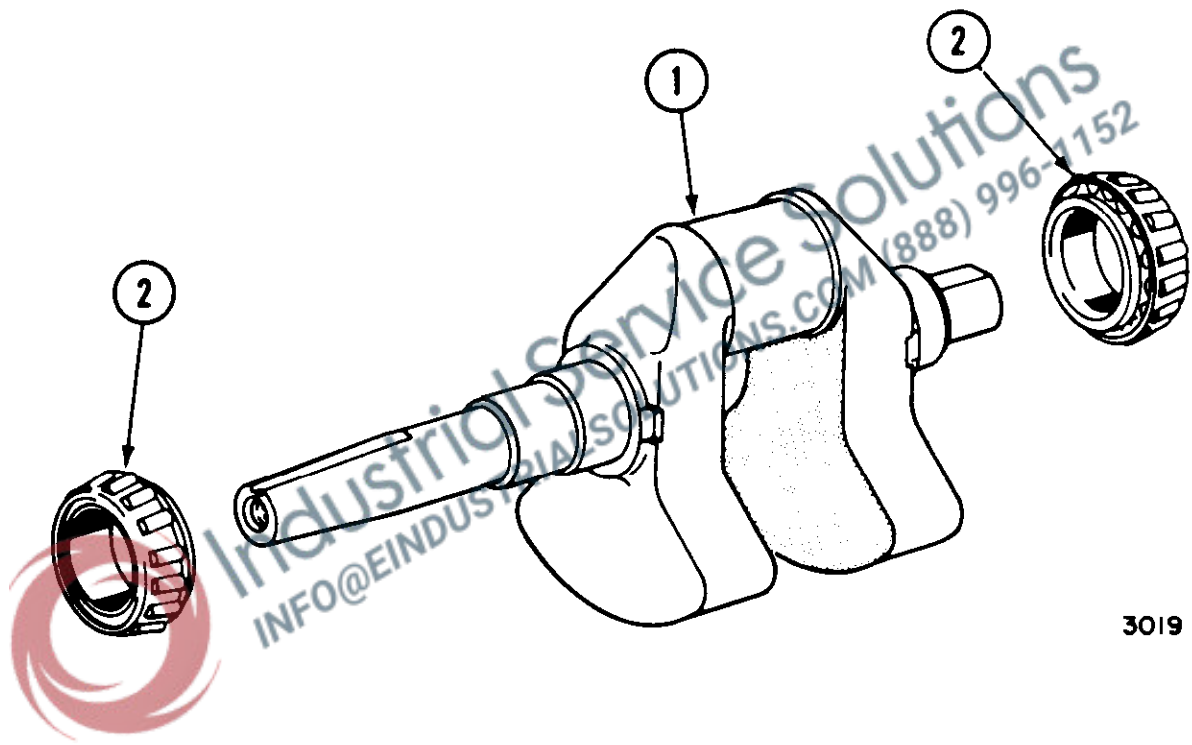
550A

PART NUMBERS

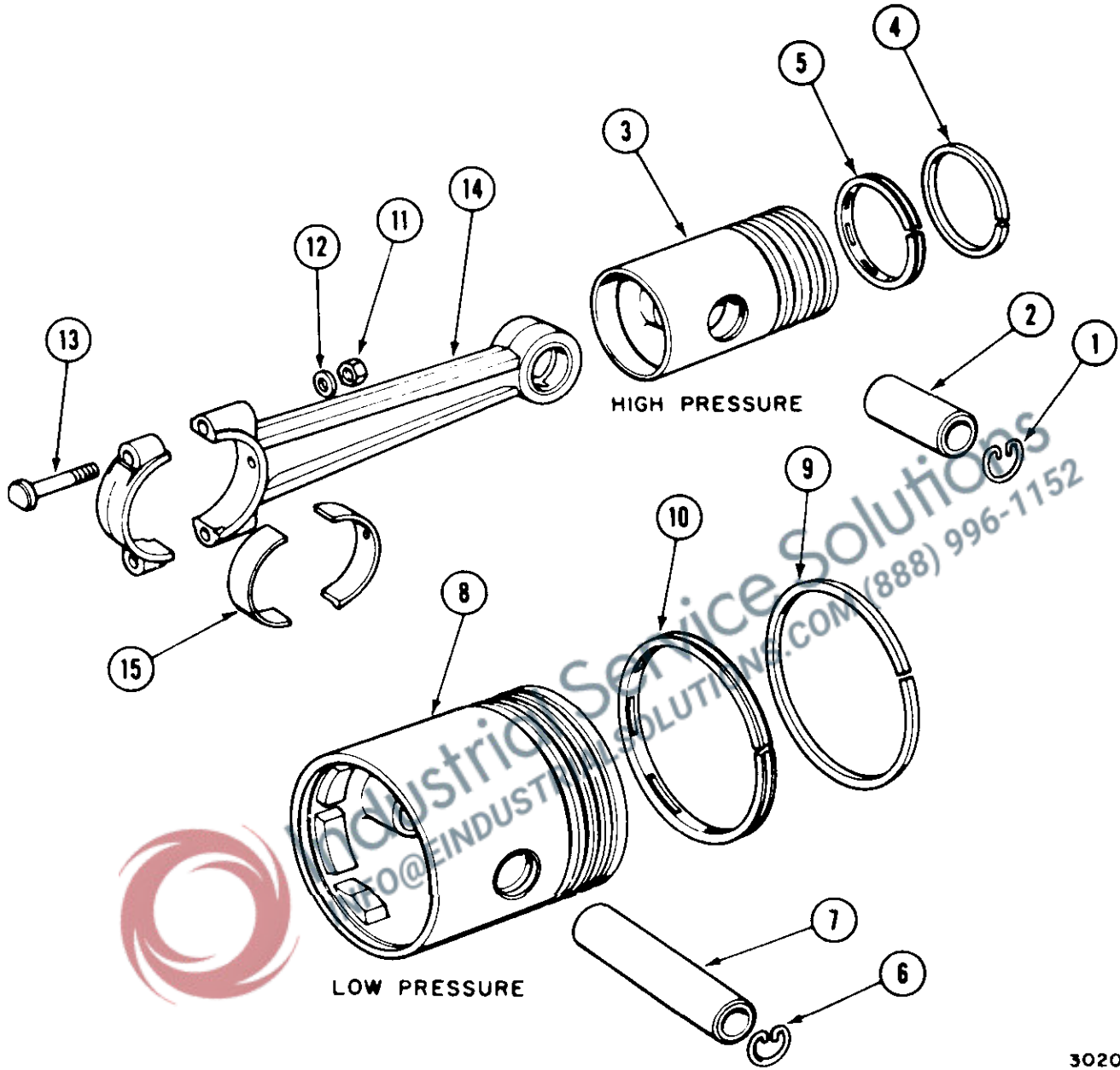
STANDARD

GH5-407-1

Ref.	Part Description	Qty.
	CRANKSHAFT ASSEMBLY	1
1	CRANKSHAFT (Not Ser. Sep.)	1
2	CONE, Bearing	2



3019



3020



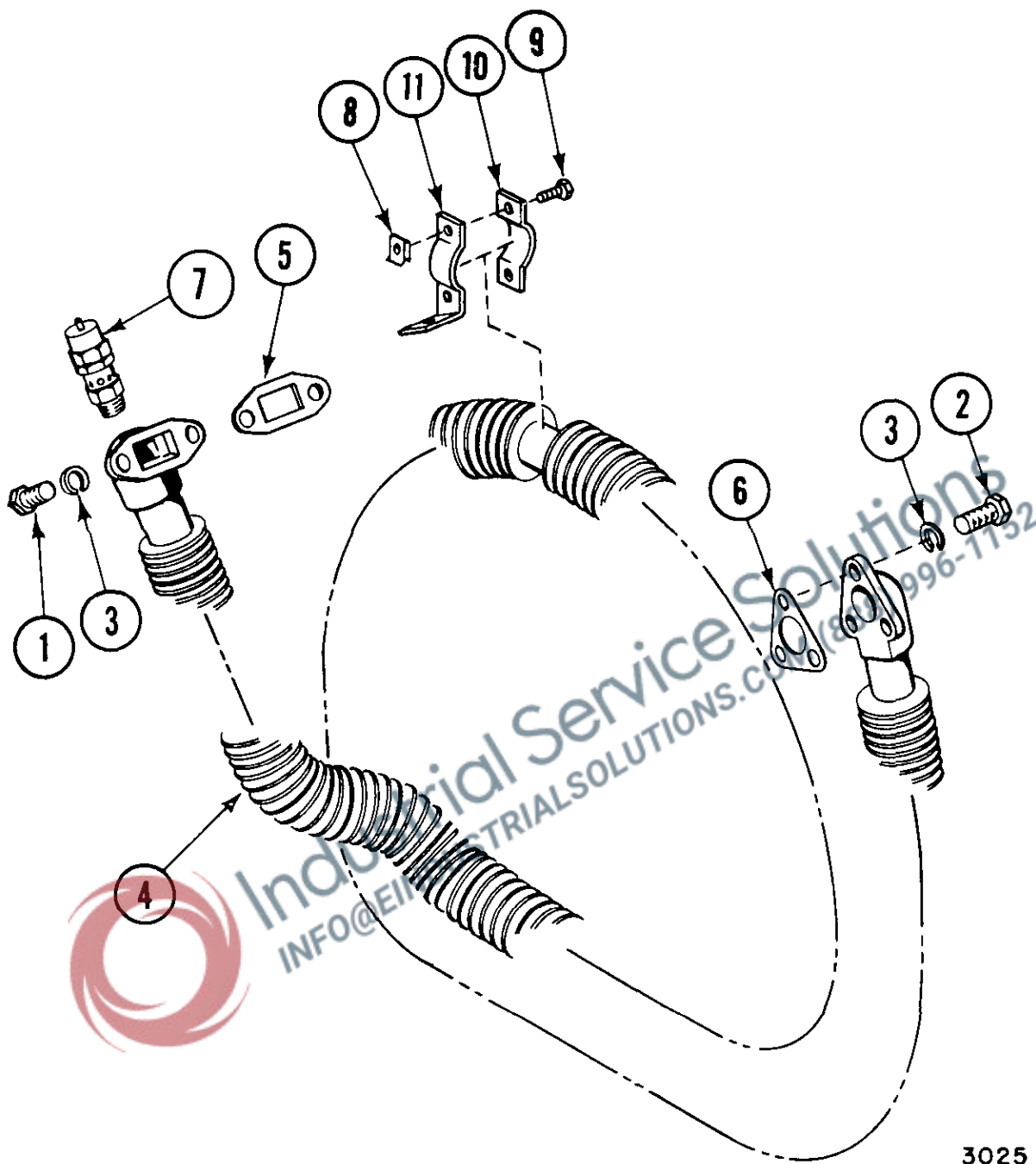
GROUPS AND COMPONENTS

Group No. 6 PISTONS AND CONNECTING RODS

MODEL			PART NUMBERS	
SERIES			STANDARD	
500			GH8-387	
550A				
3020				
Ref.	Part Description	Qty.		
1	RETAINER, Piston Pin	2	H31-557	
	PISTON ASSEMBLY, High Pressure	1	AH8-387	
2	PIN, Piston, H.P. (NSS)	1	Inc. A & B H17-738--A	
3	PISTON, H.P. (NSS)	1	H8-387--B	
	RING KIT, H.P. Piston	1	H204-288	
4	RING, Compression, H.P. Piston (NSS)	3	Inc. C & D H18-410--C	
5	RING, Oil, H.P. Piston (NSS)	1	H18-409--D	
6	RETAINER, Piston Pin	2	H31-557	
	PISTON ASSEMBLY, Low Pressure	1	AH8-394	
7	PIN, Piston, L.P. (NSS)	1	Inc. E & F H17-731--E	
8	PISTON, L.P. (NSS)	1	H8-394--F	
	RING KIT, L.P. Piston	1	H204-296	
9	RING, Compression, L.P. Piston (NSS)	3	Inc. G & H H18-408--G	
10	RING, Oil, L.P. Piston (NSS)	1	H18-407--H	
	CONNECTING ROD ASSEMBLY	2	AH7-96-4	
11	NUT, Lock	4	Inc. I to J H53-396-1--I	
12	WASHER	4	30-390	
	BUSHING, Piston Pin	2	H21-577	
13	BOLT, Connecting Rod	4	35-21	
14	ROD, Connecting	2	H7-96-4--J	
	BEARING KIT, Connecting Rod	2	AH204-302-1	
15	INSERT, Bearing, Connecting Rod	4	Inc. (2) of K H21-530-3--K	

(NSS) Not Serviced Separately.

• Part number is same as in



3025

GROUPS AND COMPONENTS

Group No. 7 INTERCOOLER

MODEL

Series
500
550A

PART NUMBERS

STANDARD

2GH55-1269

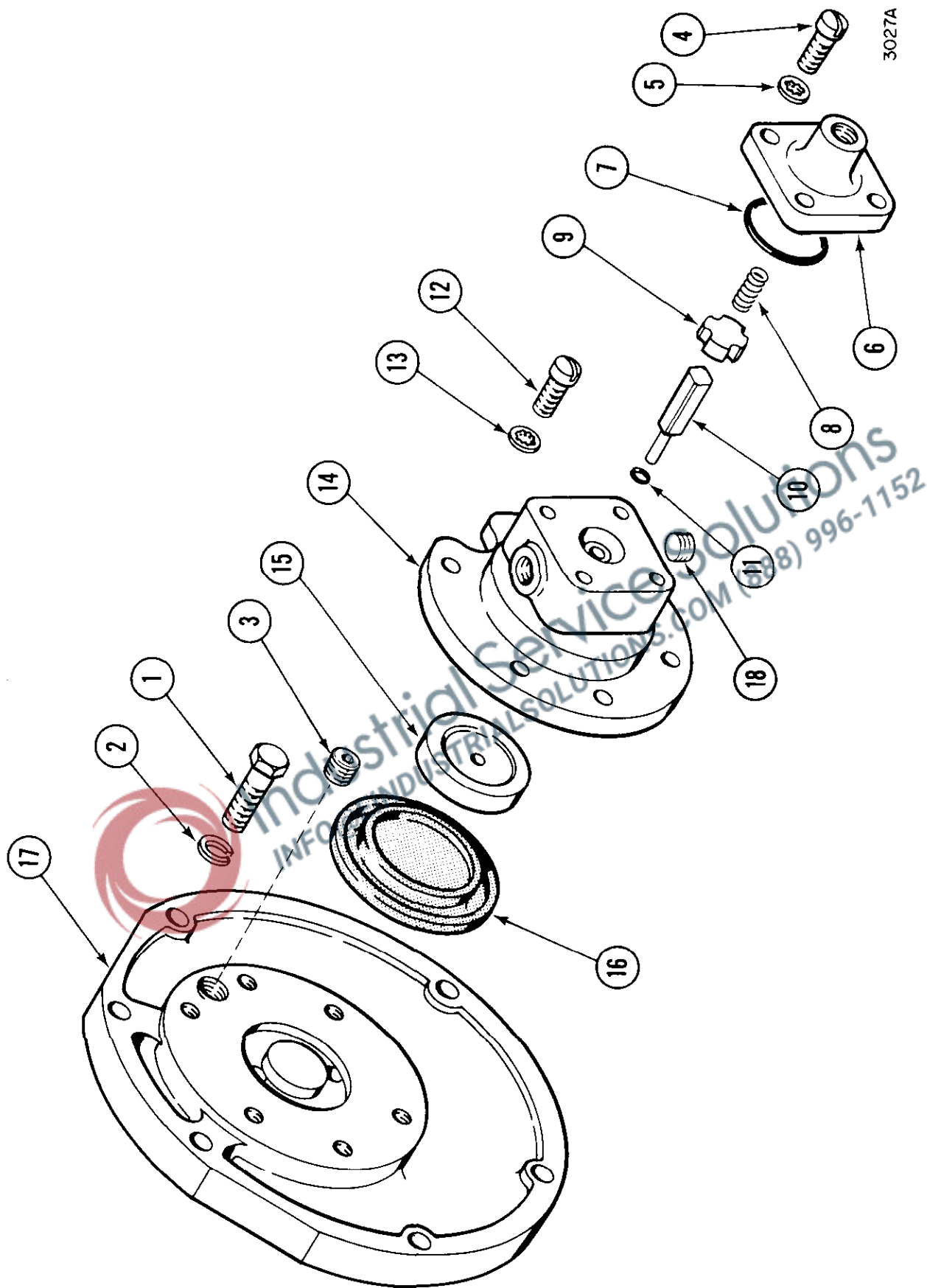
3025

Ref.	Part Description	Qty.	
1	SCREW, Cap	2	02-37
2	SCREW, Cap	3	02-36
3	WASHER, Lock	5	05-51
4	TUBE ASSEMBLY, Intercooler	1	1AH55-1269
5	GASKET, High pressure head	1	H16-1384
6	GASKET, Low pressure head	1	H16-1385
7	VALVE ASSEMBLY, Safety	1	2AH15-646
8	NUT, Speed	2	H53-394
9	SCREW, Cap	2	02-2
10	FASTNER	1	H83-400
11	SUPPORT, Intercooler	1	H39-3304
	SPACER	1	H22-737
	CLAMP	2	H83-490
	SCREW, Cap	1	02-9
	WASHER	1	06-67



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3027A



GROUPS AND COMPONENTS

Group No. 8

OIL PUMP COVER

MODEL

Series

500

550A

3027A

PART NUMBERS

STANDARD

GH14-1153

Ref.	Part Description	Qty.	
1	SCREW, Cap	6	02-6
2	WASHER, Lock	6	05-49
	DECAL, Rotation	1	H62-404
	VALVE ASSY., Air control	1	AH14-1153 Inc. A to B
3	PLUG, Pipe	1	011-101-- A
4	SCREW, Machine	4	03-110
5	WASHER, Lock	4	H20-584
6	COVER, Valve	1	H14-1147
7	SEAL, Cover	1	H125-279
8	SPRING	1	H24-528
9	VALVE, Check	1	H15-731-1
10	PIN	1	H17-649-1
11	SEAL, Pin	1	H125-280
12	SCREW, Machine	6	03-110
13	WASHER, Lock	6	H20-584
14	BODY	1	H116-296
15	PISTON	1	H8-381
16	DIAPHRAGM	1	H186-31-3
17	COVER, Oil pump	1	H14-1153
18	PLUG, Orifice (For Start-Stop Control only)	1	54-416--B



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GROUPS AND COMPONENTS

Group No. 9 REAR RETAINER AND OIL PUMP

MODEL

Series
500
550A

PART NUMBERS

STANDARD

1GH31-544

3030A

Ref.	Part Description	Qty.	
1	"O"Ring, Oil Pump Cover	1	125-186
2	ROTOR, Oil Pump	1	H101-73-1
3	VANE, Oil Pump Rotor	4	H42-184
4	SPRING, Vane	4	H24-513
5	INSERT	1	H81-237
6	PIN, Roll	1	17-595
7	SCREW, Cap	8	02-36
8	WASHER, Lock	8	05-51
	REAR RETAINER ASSEMBLY	1	AH31-544
9	RETAINER, Rear	1	Inc. A & B H31-544--A
10	CUP, Bearing	1	H181-266--B
11	SHIM, 0.005 in. thick	3	H22-587
12	SHIM, 0.0075 in. thick	3	H22-587-1
13	SHIM, 0.020 in. thick	1	H22-587-2
14	PIN, Roll	1	17-593
15	RETAINER, Oil Relief Spring	1	H31-550
16	SPRING, Oil Relief	1	H24-529
17	BALL, Nylon (oil relief valve)	1	H30-18
18	FITTING, Oil Intake Tube	1	182-5
19	SLEEVE, Rubber	1	63-179
20	TUBE ASSEMBLY, Oil intake	1	AH55-1272



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GROUPS AND COMPONENTS

Group No. 10 FLYWHEEL

MODEL

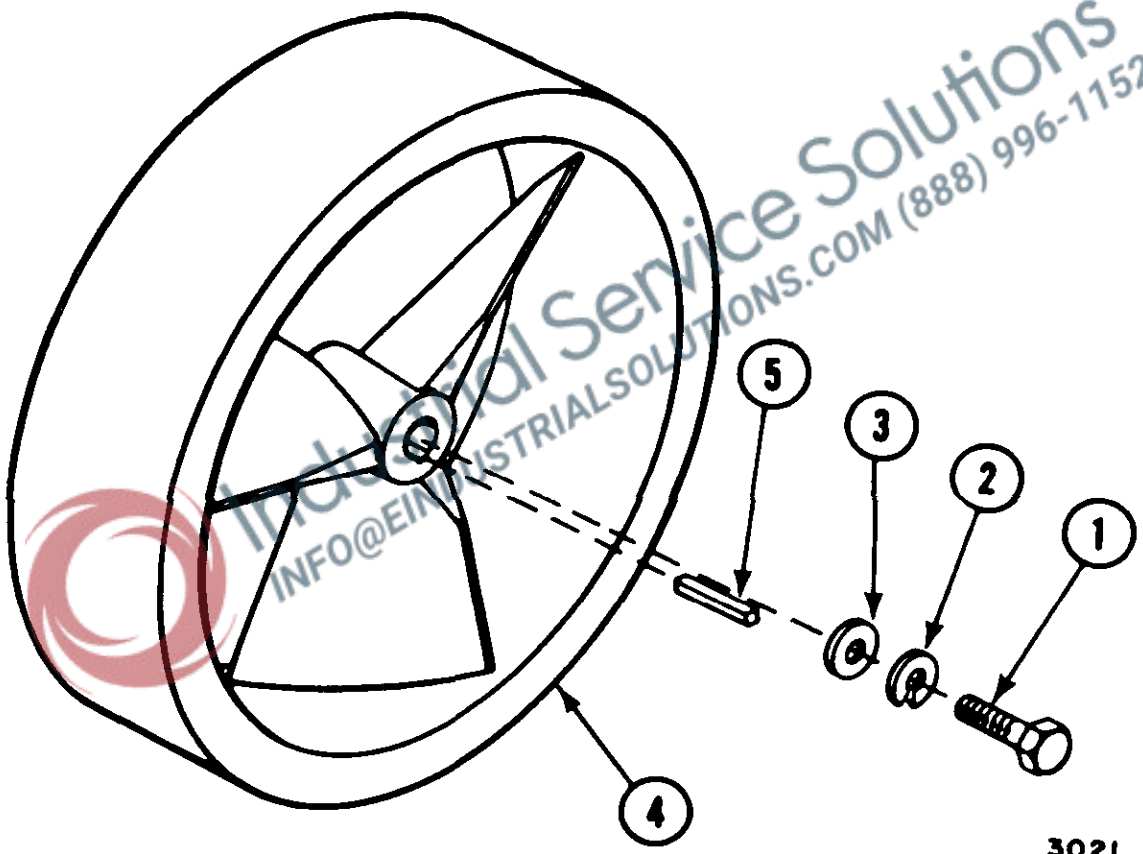
Series
500
550A

PART NUMBERS

STANDARD

GH9-712-2

Ref.	Part Description	Qty.	
1	SCREW, Cap	1	02-71
2	WASHER, Lock	1	05-53
3	WASHER, Flat	1	H20-587
4	FLYWHEEL	1	H9-712-2
5	KEY	1	09-144
	DECAL, Rotation	1	H62-404



3021

GROUPS AND COMPONENTS

Group No. 11

CRANKCASE

MODEL

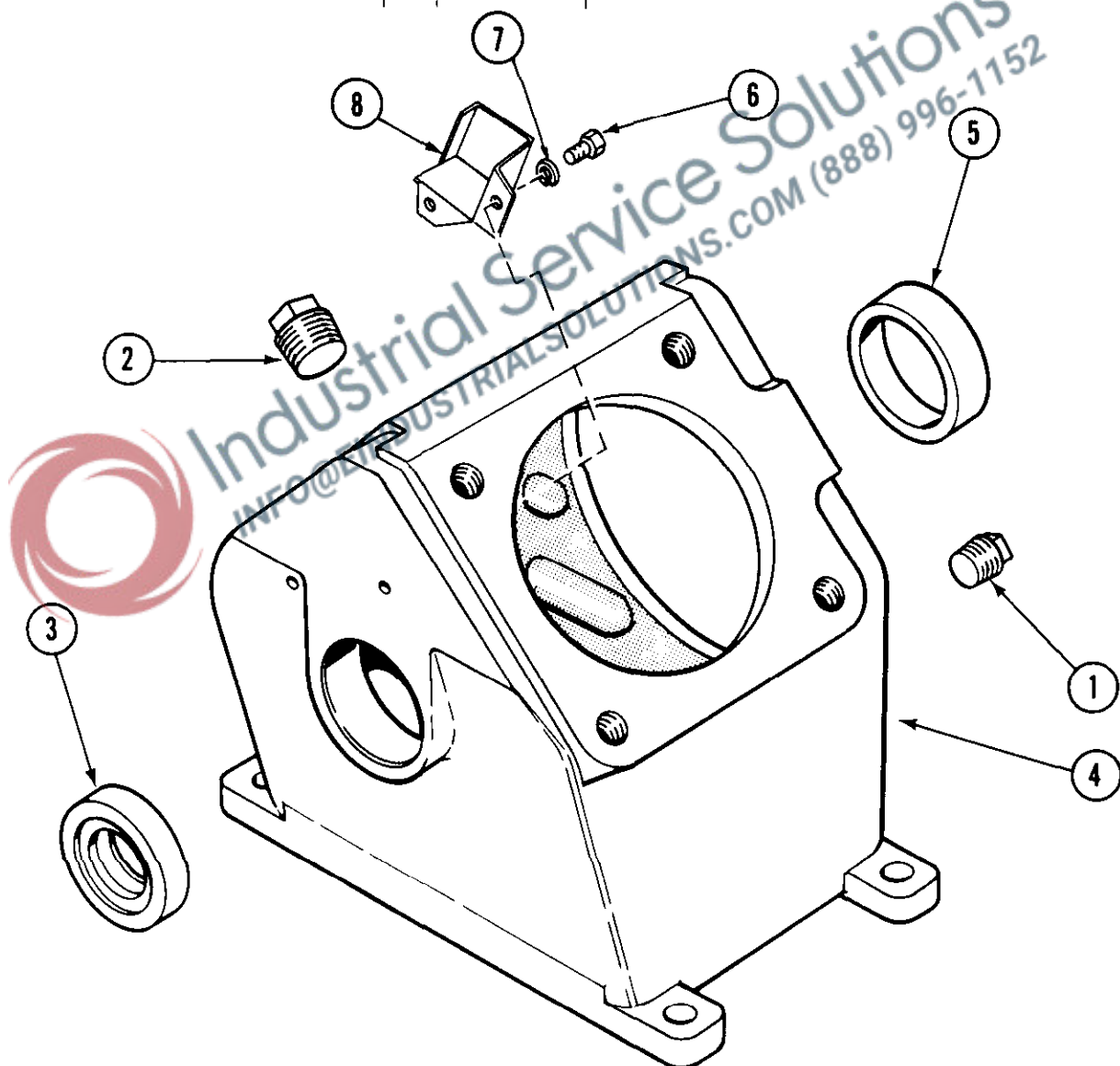
Series
500
550A

PART NUMBERS

STANDARD

GH100-264-1

Ref.	Part Description	Qty.	
1	PLUG, Oil drain	1	011-3
2	PLUG, Oil filler	1	011-5
3	SEAL, Oil, front	1	H125-271
	CRANKCASE ASSEMBLY	1	AH100-264-1 Inc. A & B
4	CRANKCASE	1	H100-264-1--
5	CUP, Bearing	1	H181-266--B
6	SCREW, Cap	2	H34-694
7	WASHER, Lock	2	05-105
8	BAFFLE, Crankcase breather	1	H38-736



3035

GROUPS AND COMPONENTS

Group No. 12

CRANKCASE BREATHER

MODEL

Series

500

550A

PART NUMBERS

STANDARD

GH55-1273

Ref.	Part Description	Qty.
	TUBE, Crankcase breather	1
	"O" Ring, Breather tube	2

H55-1273

H125-157

Group No. 13

UNLOADER TUBE

PART NUMBERS

STANDARD

GH55-1320

Ref.	Part Description	Qty.
	TUBE, Tee to high pressure unloader	1
	TUBE, Tee to end cover	1
	TUBE, Tee to low pressure unloader	1
	TEE, Tube	1
	ELBOW, Tube	2
	FITTING, Tube	1

H55-1320

H55-1322

H55-1321

H182-397

H182-393

H182-358



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