HD363B PARTS LIST

Discontinued Model – parts availability may be limited.

Serial #_____ ID#_____ _____ _____

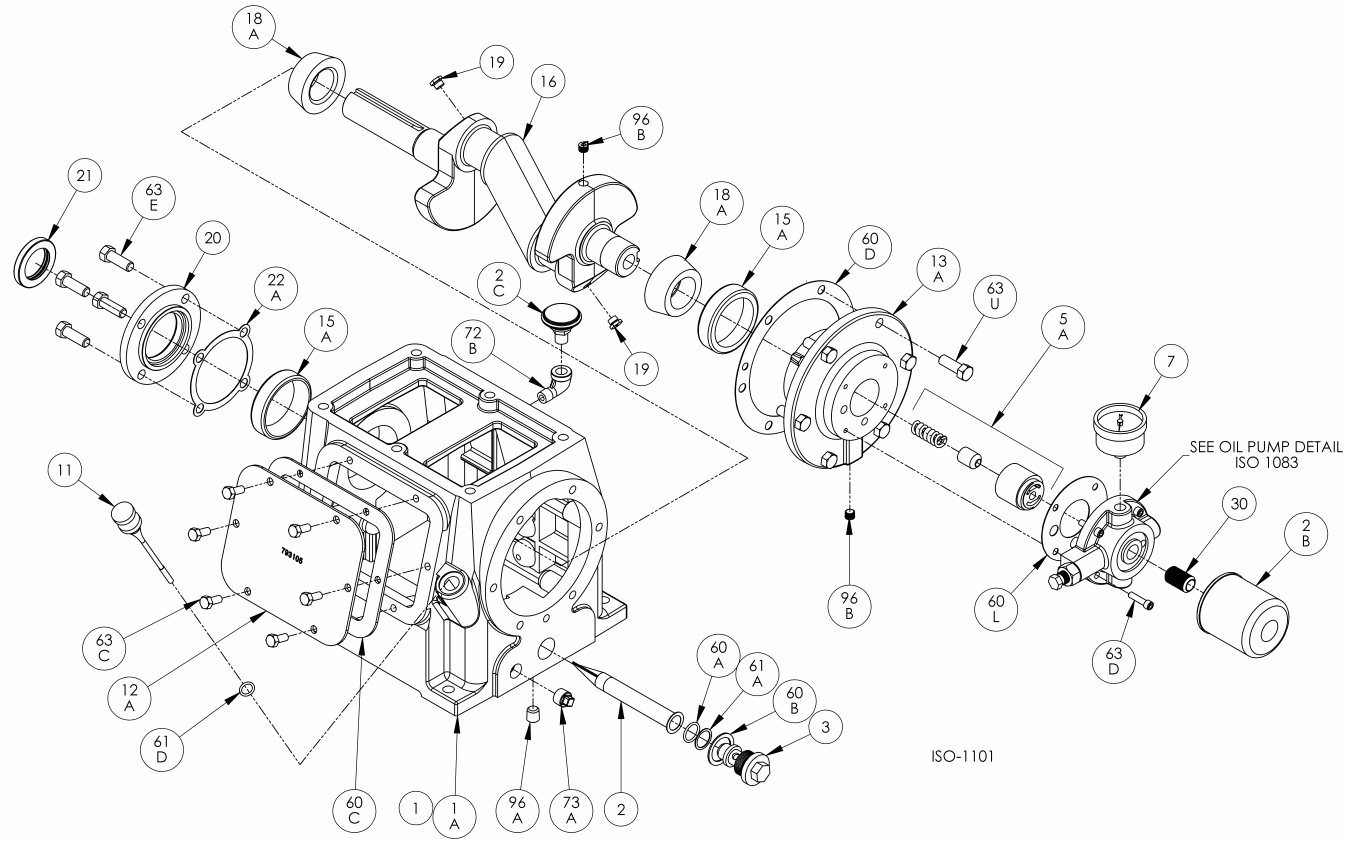
Gasket Sets and Special Tools

Gasket Set	Buna-N & Iron	793594
	PTFE & Iron	793593
	FKM & Iron	793592
	Neoprene & Iron	793590
	Ethylene Propylene & Iron	793589
Packing Installation Tool		790536
Spanner Wrench, 1/4" Adjustable		790316
Wrench for Valve Holdown Screw		790535
Tool Kit		790199

Bulletins Needed For Complete Parts List

This page	9E-081
Crankcase	9F-021
Oil Pump	9G-011
Flywheel	9H-020
Crosshead	9J-060
Packing	9K-020
Cylinder	9L-040
Head	9M-050
Head with Unloaders	9M-060

Notes:



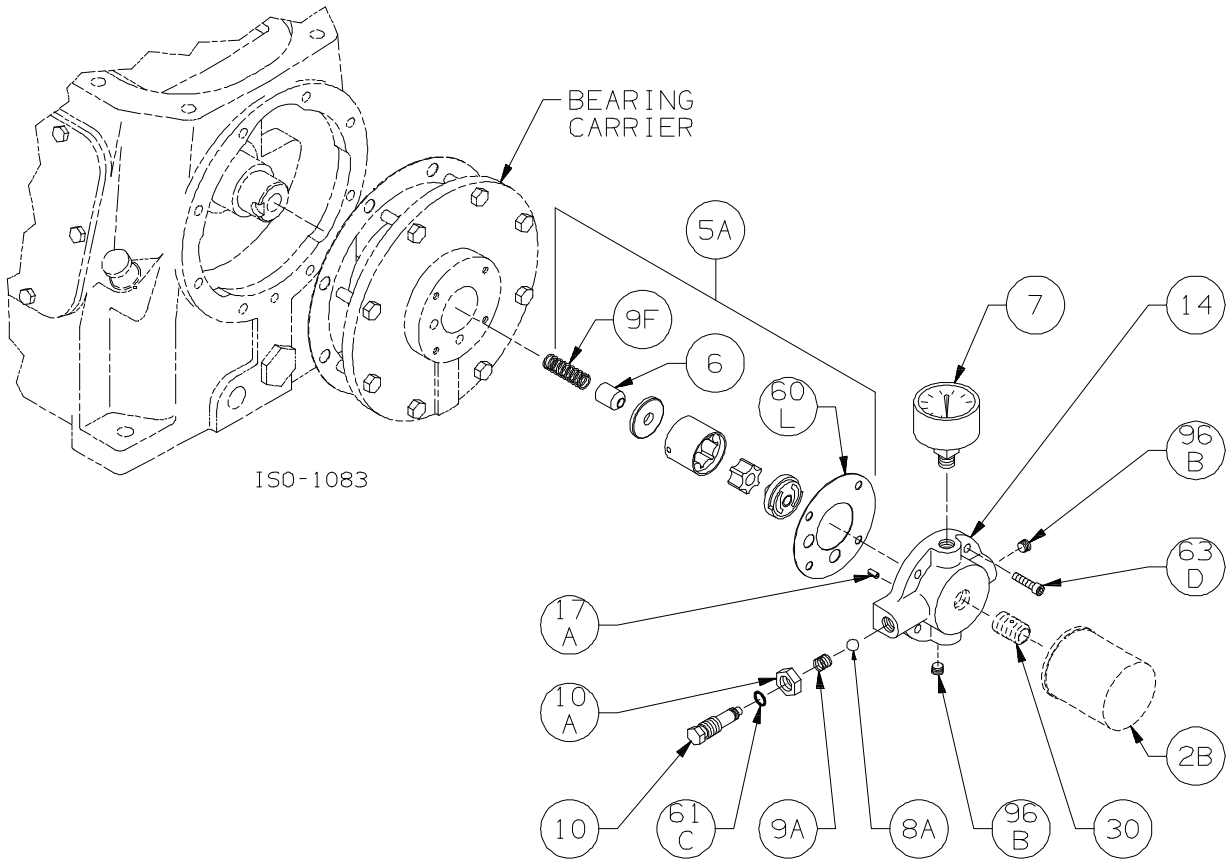
Crankcase Assembly:
Models HDL342B, HDL343B, HDL342C, HDL343C, HDL322C
HDL362B, HDL363B, HDL362C, HDL363C
HD361B, HD361C, HD362B, HD362C, HD363B, HD363C, HDS362C,
HD372B, HD372C, HD373B, HD373C, HDL372B, HDL372C, HDL373B, HDL373C, HDS372C ISO1101

Ref	Description	Qty	Part No
1	Crankcase Assembly - Oil Filter	1	793100
	Crankcase Assembly - no Oil Filter		793103
	Crankcase Assy - Ext Shaft & Oil Filter		793171
	Crankcase Assy - Ext Shaft, no Oil Filter		793155
1A	Crankcase	1	793102
2	Oil Intake Screen	1	792135
2B	Oil Filter	1	794726
2C	Breather Filter	1	792070
3	Oil Screen Plug	1	792145
5A	Oil Pump Kit	1	794760
7	Oil Pressure Gauge	1	790012
11	Oil Bayonet Assembly	1	792162
12A	Inspection Plate	1	793105
13A	Bearing Carrier	1	793104
15A	Bearing Cup	2	793126
16	Crankshaft Assembly (w\ 18A,19,96B)	1	793157
	Crankshaft Assembly-Ext (w\ 18A,19,96B)		793191
18A	Bearing Cone	2	793142
19	Orifice	2	792146

Ref	Description	Qty	Part No
20	Bearing Cover Plate	1	793106
21	Oil Seal	1	793143
22A	Bearing Adjustment Shim Kit	1	793133
30	Oil Filter Fitting	1	794725
60A	Gasket - Oil Screen *	1	792136
60B	Gasket - Oil Screen Plug *	1	792123
60C	Gasket - Inspection Plate *	1	793122
60D	Gasket - Bearing Carrier Assembly*	1	793124
60L	Gasket - Oil Pump Cover *	1	794721
61A	O-Ring - Oil Screen *	1	792175
61D	O-Ring - Oil Bayonet *	1	792174
63C	Capscrew - Hex Hd	6	793116
63D	Capscrew - Soc Hd	4	790559
63E	Capscrew - Hex Hd	4	792093
63U	Capscrew - Hex Hd	6	792093
72B	Elbow	1	790453
73A	Pipe Plug	1	792166
96A	Pipe Plug	1	790488
96B	Pipe Plug	2	790309

* Included in Gasket Sets

COMPRESSORS



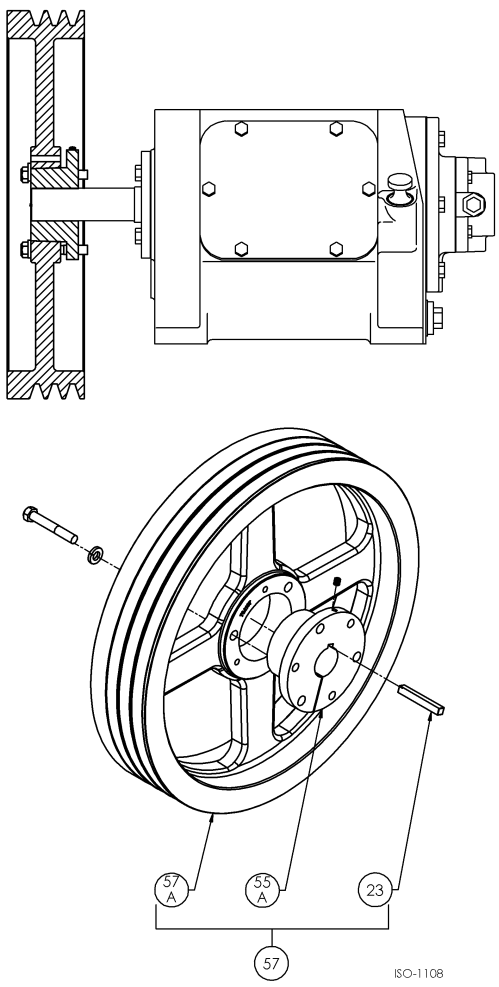
Oil Pump Detail for Models:
HD161C, HD161B, HD162C, HD162B, HD163C, HD163B,
HD172C, HD172B, HD173C, HD173B,
HDL342B, HDL343B, HDL342C, HDL343C,
HD361C, HD361B, HD362C, HD362B, HD363C, HD363B
HDL362B, HDL363B, HDL362C, HDL363C,
HD372C, HD372B, HDL372C, HDL372B, HD373C, HD373B, HDL373C, HDL373B,
HD601B, HD602B, HD603B, HDL601B, HDL602B, HDL603B, HDL641B, HDL642B, HDL643B,
HD612B, HDL612B, HD613B, HDL613B,
HD942A and HDL942A

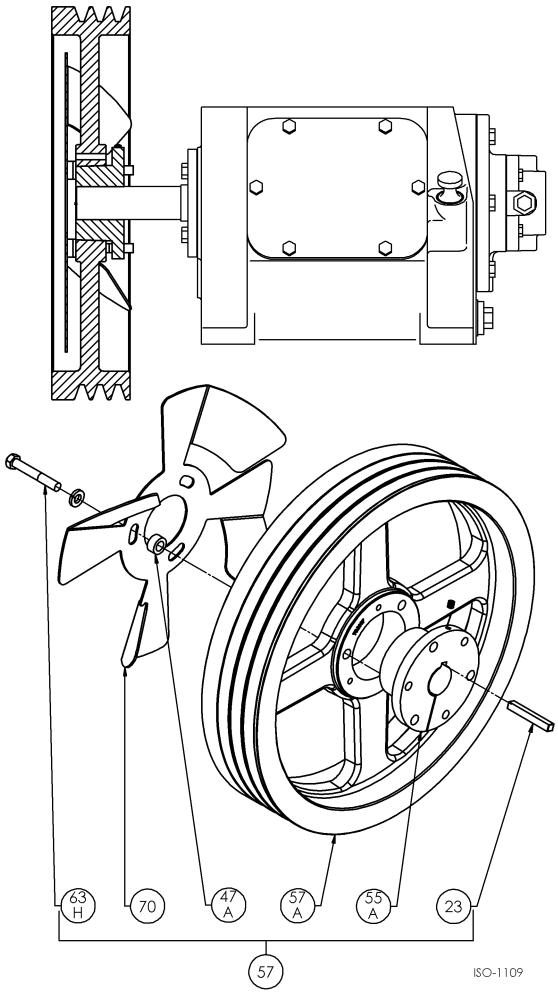
ISO1083

Ref	Description	Qty	Part No
2B	Oil Filter	1	794726
5A	Oil Pump Kit (w/ 6, 9F, 60L)		794760
6	Oil Pump Cone	1	794750
7	Oil Pressure Gauge	1	790012
8A	Oil Pressure Adj. Ball	1	792154
9A	Oil Pressure Adj. Spring	1	792153
9F	Oil Pump Spring	1	794751
10	Oil Pressure Adj. Screw	1	792148
10A	Locknut	1	792152

Ref	Description	Qty	Part No
14	Oil Pump Cover Assembly - For Filter with 17A, 96B	1	794764
	Oil Pump Cover Assembly - w\ 17A, 96B		794763
17A	Roll Pin	1	794753
30	Oil Filter Fitting	1	794725
60L	Gasket - Oil Pump Cover *	1	794721
61C	O-Ring - Adjusting Screw *	1	792168
63D	Capscrew - Soc. Hd	4	790559
96B	Pipe Plug	2	790309

* Included in Gasket Sets





Standard Flywheel Assembly:

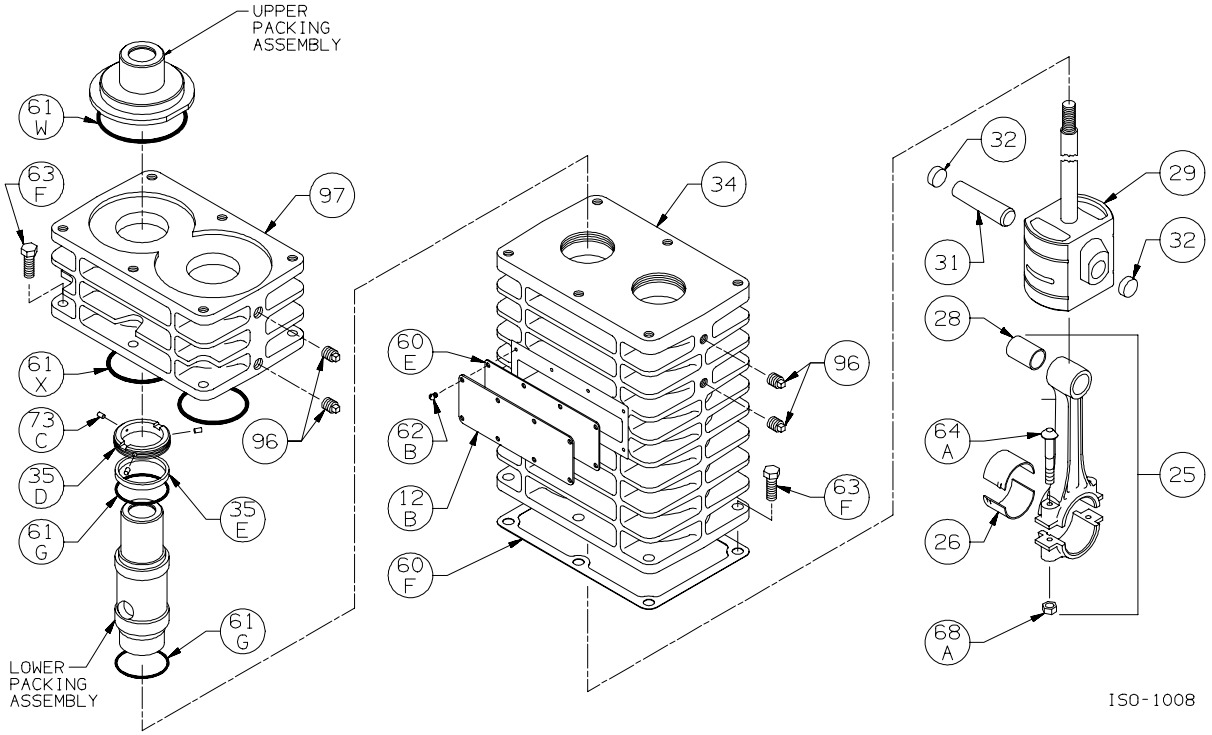
Models HDL342C, HDL343C
HDL342B, HDL343B
HD361C, HD362C, HD363C, HDS362C
HD361B, HD362B, HD363B
HDL362C, HDL363C
HDL362B, HDL363B
HDL372C, HDL373C
HDL372B, HDL373B

Ref	Description	Qty	Part No
23	Key	1	793167
55A	Hub	1	790143
57	Flywheel Assembly	1	793047
57A	Flywheel	1	792197

Models HD372C, HDS372C
HD372B,
HD373C,
HD373B

Ref	Description	Qty	Part No
23	Key	1	793167
47A	Spacer	3	793617
55A	Hub	1	790143
57	Flywheel Assembly	1	793050
57A	Flywheel	1	792197
63H	Capscrew - Hex Head	3	792095
70	Fan	1	792196

* Older compressors used a 6 spoke flywheel. If either the flywheel or fan need to be replaced, **both** must be replaced.



Crosshead Assembly: HD363A, HD363B, HDL343B

ISO1008

Ref	Description	Qty	Part No
12B	Inspection Plate	1	793093
25	Connecting Rod Assembly	2	793009
26	Connecting Rod Bearing	2	793002
28	Wrist Pin Bushing **	2	793003
29	Crosshead Assembly	2	793416
31	Wrist Pin	2	793004
32	Wrist Pin Plug	4	792178
34	Crosshead Guide	1	793455
35D	Hold-down Ring	2	793220
35E	Spacer Ring	2	793402
60E	Gasket - Inspection Plate *	1	793092
60F	Gasket - Crankcase *	1	793121
61G	O-Ring (Buna-N) Std *	4	792125
	O-Ring (FKM) *		793213
	O-Ring (PTFE) *		793211
	O-Ring (Neoprene) *		793215
	O-Ring (Ethylene Propylene) *		793207

Ref	Description	Qty	Part No
61X	O-Ring (Buna-N) Std *	2	794082
	O-Ring (FKM) *		794213
	O-Ring (PTFE) *		794165
	O-Ring (Neoprene) *		794090
	O-Ring (Ethylene Propylene) *		794206
62B	Machine Screw - Inspection Plate	8	793096
63F	Capscrew - Hex Hd	12	793094
64A	Connecting Rod Bolt	4	793006
68A	Connecting Rod Bolt Nut	4	793007
73C	Lock Plug *	6	792030
96	Pipe Plug	8	793498
97	Distance Piece	1	793410

*Included in Gasket Sets

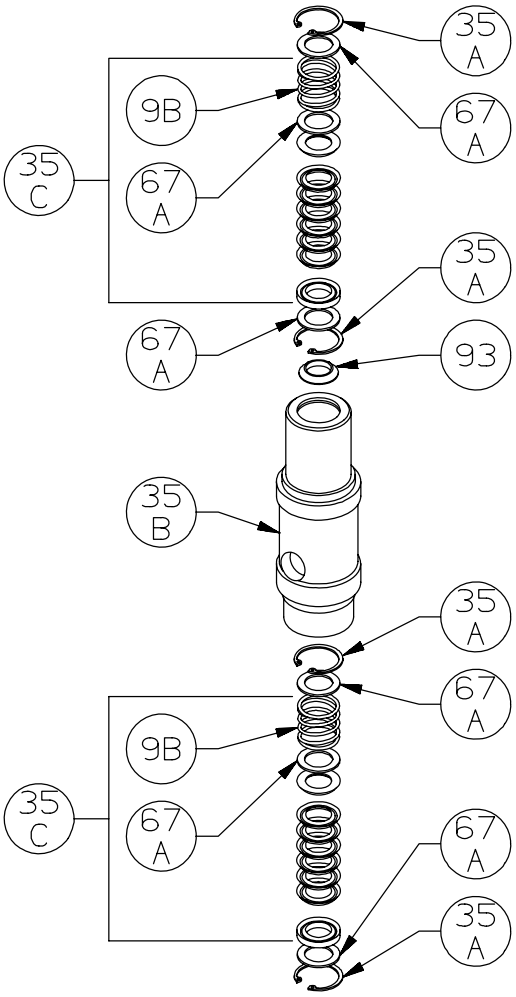
** Must be honed after installing

HD363A & HD363B only

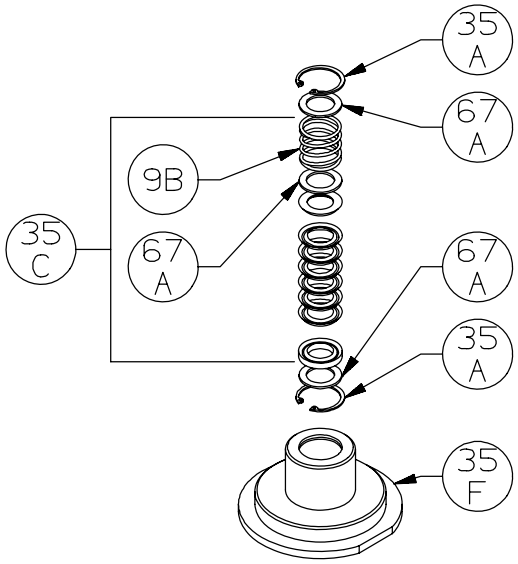
61W	O-Ring (Buna-N) Std *	2	794426
	O-Ring (FKM) *		794425
	O-Ring (PTFE) *		794427
	O-Ring (Neoprene) *		794424
	O-Ring (Ethylene Propylene) *		794428

HDL343B only

61W	O-Ring (Buna-N) Std *	2	794082
	O-Ring (FKM) *		794213
	O-Ring (PTFE) *		794165
	O-Ring (Neoprene) *		794090
	O-Ring (Ethylene Propylene) *		794206



LOWER PACKING ASSEMBLY



UPPER PACKING ASSEMBLY

ISO-1009

Packing Assembly: HD363A, HD363B, HD363C, HDL363C ISO1009

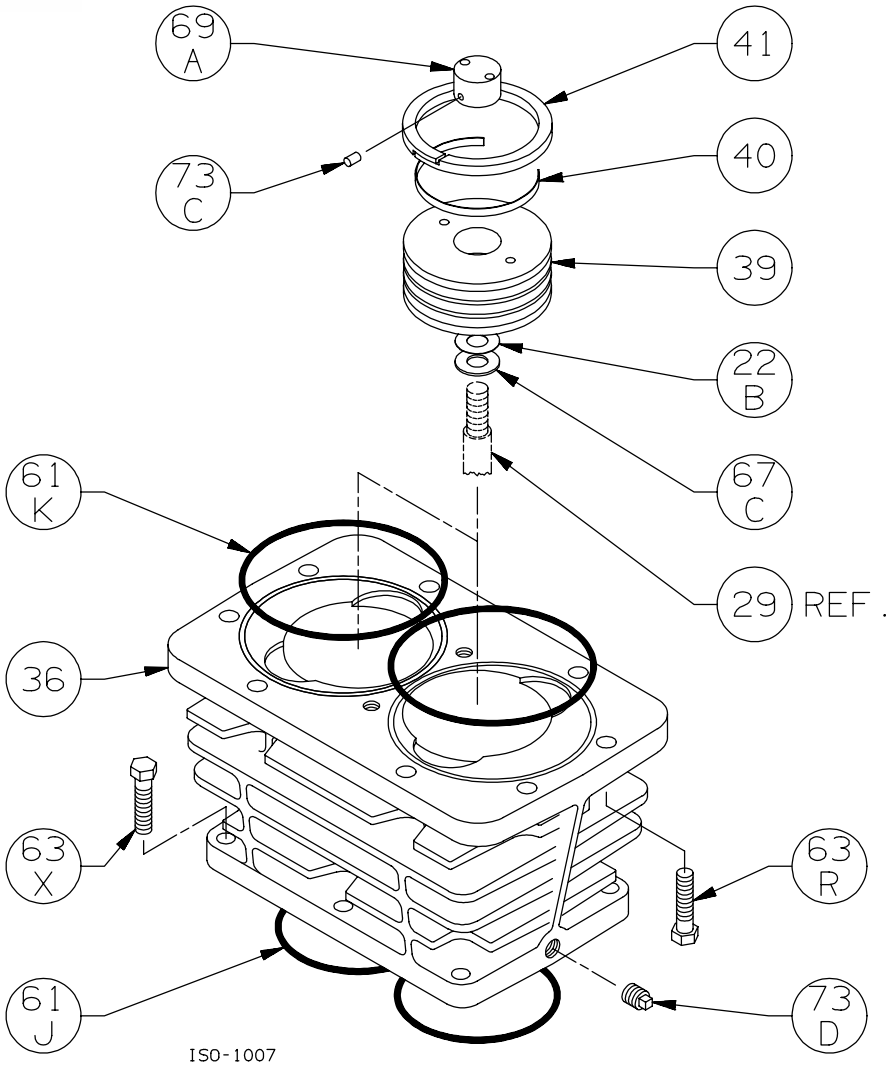
Ref	Description	Qty	Part No
9B	Packing Spring	6	792077
35A	Retainer Ring	12	793404
35B	Packing Box - Lower	2	793502
35C	Packing Set	6	793510

Ref	Description	Qty	Part No
35F	Packing Box - Upper	2	793411
	Packing Box - Upper TNT-12		792828
67A	Washer - Packing Box	18	792087
93	Oil Deflector Ring	2	793478

Packing Assembly: HDL343B, HDL343C

9B	Packing Spring	6	792077
35A	Retainer Ring	12	793404
35B	Packing Box - Lower	2	793502
35C	Packing Set	6	793510

35F	Packing Box - Upper	2	793413
	Packing Box - Upper TNT-12		792830
67A	Washer - Packing Box	18	792087
93	Oil Deflector Ring	2	793478



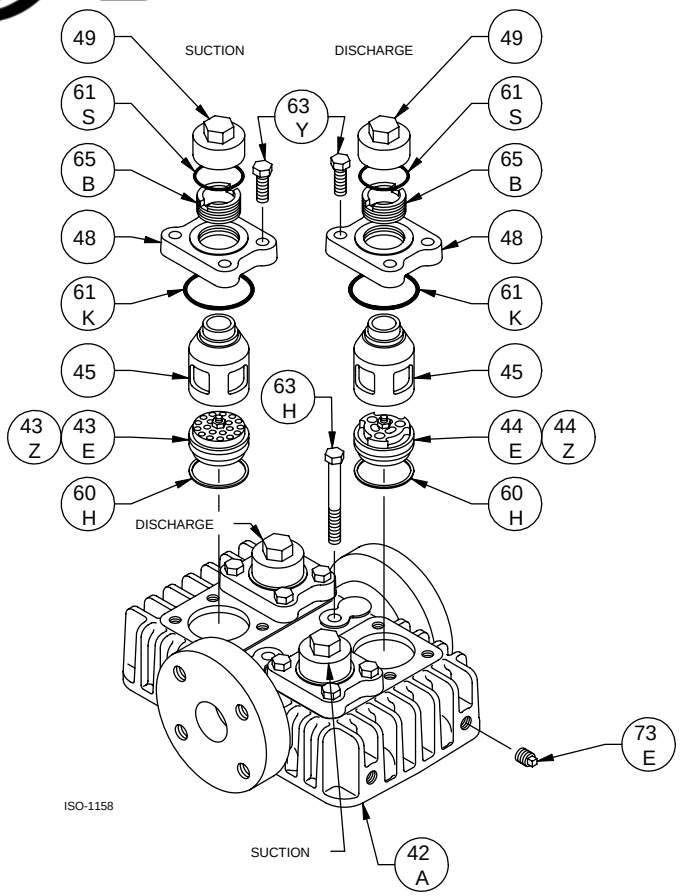
Cylinder Assembly: Models HD361A, HD361B, HD361C, HD362A, HD362B, HD362C, HD363A, HD363B, HD363C

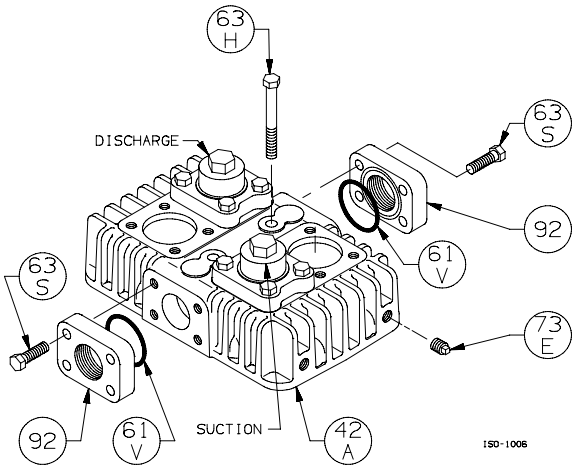
ISO1007

Ref	Description	Qty	Part No
22B	Piston Shim - 0.015	AR	792034
	Piston Shim - 0.007	AR	792050
36	Cylinder	1	793045
	Cylinder TNT-12		792824
39	Piston	2	793421
	Piston TNT-12		792827
40	Expander	6	793415
41	Piston Ring - Std	6	793406
	Piston Ring - Poly Filled		793407
61J	O-Ring (Buna N) Std *	2	793177
	O-Ring (FKM) *		793212
	O-Ring (PTFE) *		793210
	O-Ring (Neoprene) *		793216
	O-Ring (Ethylene Propylene) *		793206

Ref	Description	Qty	Part No
61K	O-Ring (Buna N) Std *	2	793641
	O-Ring (FKM) *		793643
	O-Ring (PTFE) *		793642
	O-Ring (Neoprene) *		793644
	O-Ring (Ethylene Propylene) *		793645
63R	Capscrew - Hex Hd	8	794097
63X	Capscrew - Hex Hd	6	794096
67C	Thrust Washer	2	792033
69A	Piston Nut	2	793022
	Piston Nut TNT-12		792808
73C	Lock Plug *	4	793028
73D	Pipe Plug	1	793498

* Included in Gasket Sets





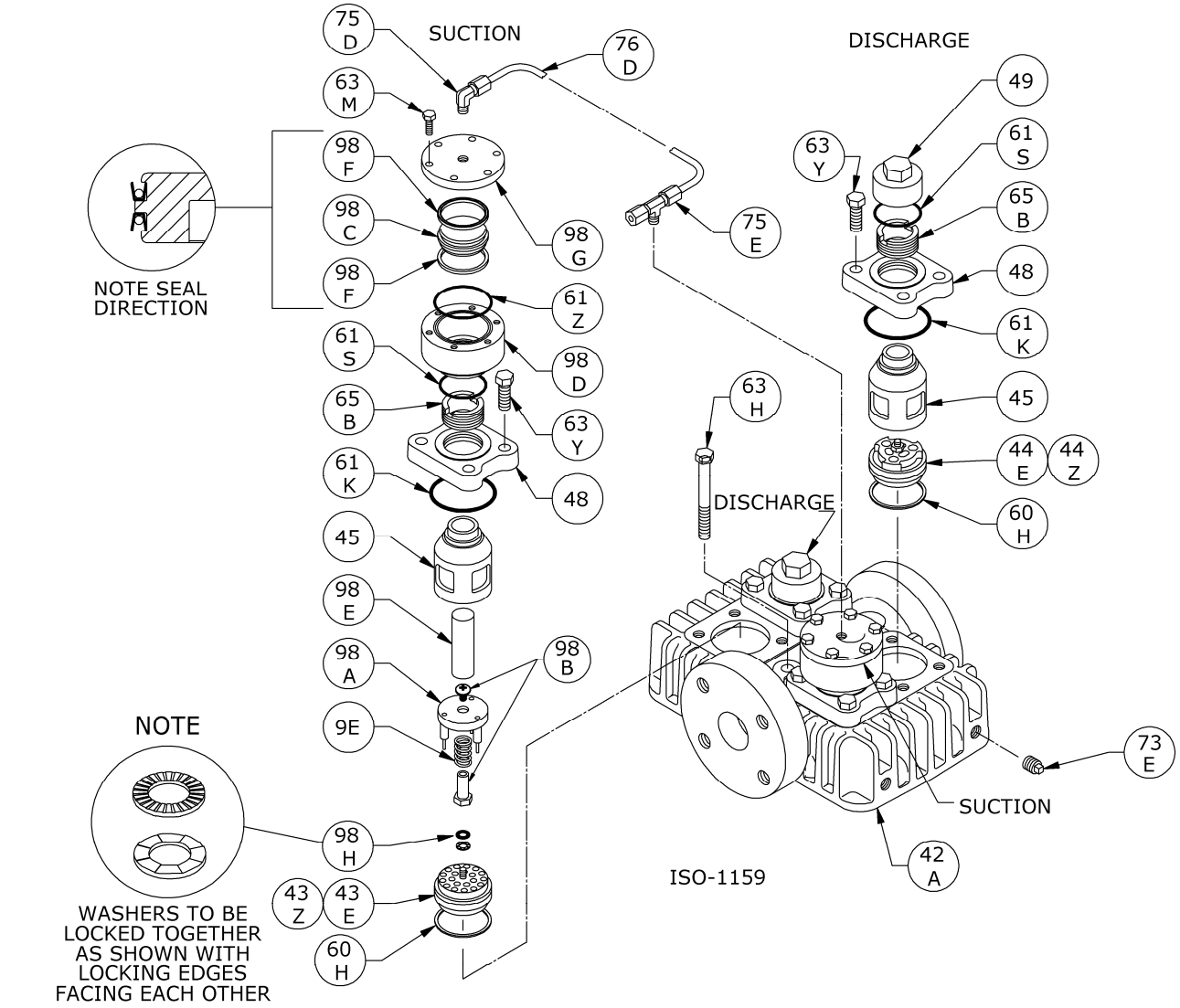
Head Style used on units built prior to July 2001. Replaced by the ANSI flanged head shown.

Head Assembly: Models HD361A, HD361B, HD361C, HD362A, HD362B, HD362C, HD363A, HD363B, HD363C ISO1158

Ref	Description	Qty	Part No
42A	Head (ANSI Flanges)	1	793042
	Head TNT-12 (ANSI Flanges)		792892
	Head (4-bolt flange style)		793044
	Head TNT-12 (4-bolt flange style)		792825
43E	Suction Valve Assembly	2	793459
	Suction Valve Assembly TNT-12		792870
	Suction Valve Assembly, Stainless Steel		793439
43Z	Valve Repair Kit - For 793459, 792870		793460
	Valve Repair Kit - For 793439		793440
44E	Discharge Valve Assembly	2	793479
	Discharge Valve Assembly TNT-12		792871
	Discharge Valve Assy, Stainless Steel		793449
44Z	Valve Repair Kit - For 793479, 792871		793460
	Valve Repair Kit - For 793449		793448
45	Cage	4	793420
	Cage TNT-12		792818
48	Valve Cover Plate	4	793284
	Valve Cover Plate TNT-12		792816
49	Valve Cap	4	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	4	793202
61K	O-Ring (Buna-N) Std *	4	793114
	O-Ring (FKM) *		793214
	O-Ring (PTFE) *		793208
	O-Ring (Neoprene) *		793110
	O-Ring (Ethylene Propylene) *		793205

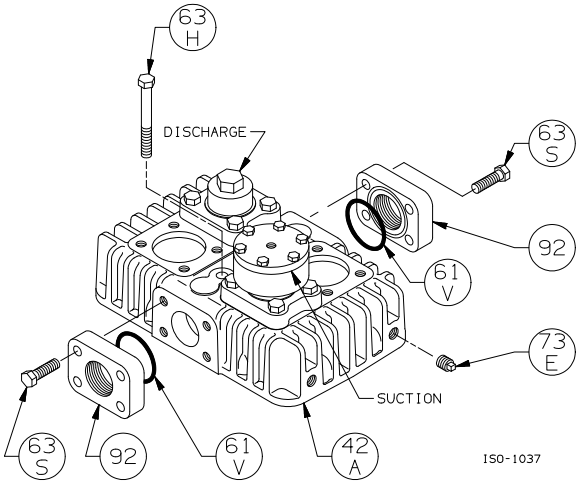
Ref	Description	Qty	Part No
61S	O-Ring (Buna-N) Std *	4	792306
	O-Ring (FKM) *		792308
	O-Ring (PTFE) *		792307
	O-Ring (Neoprene) *		792309
	O-Ring (Ethylene Propylene) *		792310
61V	O-Ring (Buna-N) Std *	2	792125
	O-Ring (FKM) *		793213
	O-Ring (PTFE) *		793211
	O-Ring (Neoprene) *		793215
	O-Ring (Ethylene Propylene) *		793207
63H	Capscrew - Hex Hd	2	793115
63S	Capscrew - Hex Hd	8	794096
63Y	Capscrew - Hex Hd	16	793094
65B	Valve Holddown Screw	4	792002
	Valve Holddown Screw TNT-12		792806
73E	Pipe Plug	2	793498
92	Flange (1.25 NPT) Std	2	793055
	Flange (1.25 NPT) TNT-12		792826
	Flange (1.25 Weld)		793056
	Flange (1.5 NPT)		793057
	Flange (1.5 NPT) TNT-12		792867
	Flange (1.5 Weld)		793058

* Included in Gasket Sets



Head Assembly with Unloaders
Models HD361A, HD361B, HD361C,
HD362A, HD362B, HD362C,
HD363A, HD363B, HD363C

Over.....



Head Style used on units built prior to July 2001. Replaced by the ANSI flanged head shown.

Head Assembly with Unloaders
Models HD361A, HD361B, HD361C,
HD362A, HD362B, HD362C,
HD363A, HD363B, HD363C

ISO1159

Ref	Description	Qty	Part No
9E	Unloader Spring	2	793293
42A	Head (ANSI Flanges)	1	793042
	Head TNT-12 (ANSI Flanges)		792892
	Head (4-bolt flange style)		793044
	Head TNT-12 (4-bolt flange style)		792825
43E	Suction Valve Assembly	2	793459
	Suction Valve Assembly TNT-12		792870
	Suction Valve Assy, Stainless Steel		793439
43Z	Valve Repair Kit - For 793459/793479		793460
	Valve Repair Kit - For 793439		793440
44E	Discharge Valve Assembly	2	793479
	Discharge Valve Assembly TNT-12		792871
	Discharge Valve Assy, Stainless Steel		793449
44Z	Valve Repair Kit - For 793459/793479		793460
	Valve Repair Kit - For 793449		793448
45	Cage	4	793420
	Cage TNT-12		792818
48	Valve Cover Plate	4	793284
	Valve Cover Plate TNT-12		792816
49	Valve Cap	2	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	4	793202
61K	O-Ring (Buna-N) Std *	4	793114
	O-Ring (FKM) *		793214
	O-Ring (PTFE) *		793208
	O-Ring (Neoprene) *		793110
	O-Ring (Ethylene Propylene) *		793205
61S	O-Ring (Buna-N) Std *	4	792306
	O-Ring (FKM) *		792308
	O-Ring (PTFE) *		792307
	O-Ring (Neoprene) *		792309
	O-Ring (Ethylene Propylene) *		792310

* Included in Gasket Sets

Ref	Description	Qty	Part No
61V	O-Ring (Buna-N) Std *	2	792125
	O-Ring (FKM) *		793213
	O-Ring (PTFE) *		793211
	O-Ring (Neoprene) *		793215
	O-Ring (Ethylene Propylene) *		793207
61Z	O-Ring (Buna-N) Std *	2	792311
	O-Ring (FKM) *		792313
	O-Ring (PTFE) *		792312
	O-Ring (Neoprene) *		792314
	O-Ring (Ethylene Propylene) *		792320
63H	Capscrew - Hex Hd	2	793115
63M	Capscrew - Hex Hd	12	790053
63S	Capscrew - Hex Hd	8	794096
63Y	Capscrew - Hex Hd	16	793094
65B	Valve Holddown Screw	4	792002
	Valve Holddown Screw TNT-12		792806
73E	Pipe Plug	2	793498
75D	Tube Elbow	1	790355
75E	Tube Tee	1	790356
76D	Tube	1	790192
92	Flange (1.25 NPT) Std	2	793055
	Flange (1.25 NPT) TNT-12		792826
	Flange (1.25 Weld)		793056
	Flange (1.5 NPT)		793057
	Flange (1.5 NPT) TNT-12		792867
	Flange (1.5 Weld)		793058
98A	Actuator Assembly	2	793296
	Actuator Assembly, for SS Valve		793298
98B	Unloader Post w/bolt [1]	2	793291
	Unloader Post w/bolt [1], for SS Valve		794291
98C	Unloader Piston	2	793288
98D	Unloader Body	2	793286
98E	Unloader Plunger	2	793290
98F	Unloader Seal	4	792284
98G	Unloader Cap	2	793287
98H	Lockwasher (2 piece)	2	793473

[1] Unloader Post with bolt replaces earlier style unloader post with retainer ring.

Suggested Spare Parts for HD363B Compressors:

Part #	Description	Qty./ Unit	Comm. Qty.	Spare Qty.
793594 793593 793592 793590 793589	Gasket Set - Buna-N Gasket Set - PTFE * Gasket Set - FKM * Gasket Set - Neoprene * Gasket Set - Ethylene Propylene *	1	1	1
793460 793440	Suction Valve Repair Kit - PEEK Suction Valve Repair Kit - Stainless Steel *	2		2
793460 793448	Discharge Valve Repair Kit - PEEK Discharge Valve Repair Kit - Stainless Steel *	2		2
792284	Unloader Seal *	4		4
793406 793407	Piston Ring - Standard Piston Ring - Poly Filled *	6	6	6
793415	Piston Ring Expander	6	6	6
793510	Packing Set	6	6	6
794726	Oil Filter *	1		6
793004	Wrist Pin	2		2
793003	Wrist Pin Bushing	2	2	2
793002	Conrod Bearing	2	2	2
The following parts would normally be required only for major compressor overhaul.				
793142	Inboard Bearing Cone	2		2
793126	Inboard Bearing Cup	2		2
793416	Crosshead Assembly	2		1
793009	Conrod Assembly	2		1
794760	Oil Pump Repair Kit	1		
793157 793191	Crankshaft Assembly Extended Crankshaft Assembly *	1		
793133	Bearing Adjustment Shim Kit	1		
793045 792824	Cylinder Cylinder, TNT-12 PTFE / Nickel Treated *	1		

* Optional Equipment on New Compressors

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