HDL372A PARTS LIST

Discontinued Model – parts availability may be limited.

Serial #_____ ID#_____ _____ _____

Gasket Sets and Special Tools

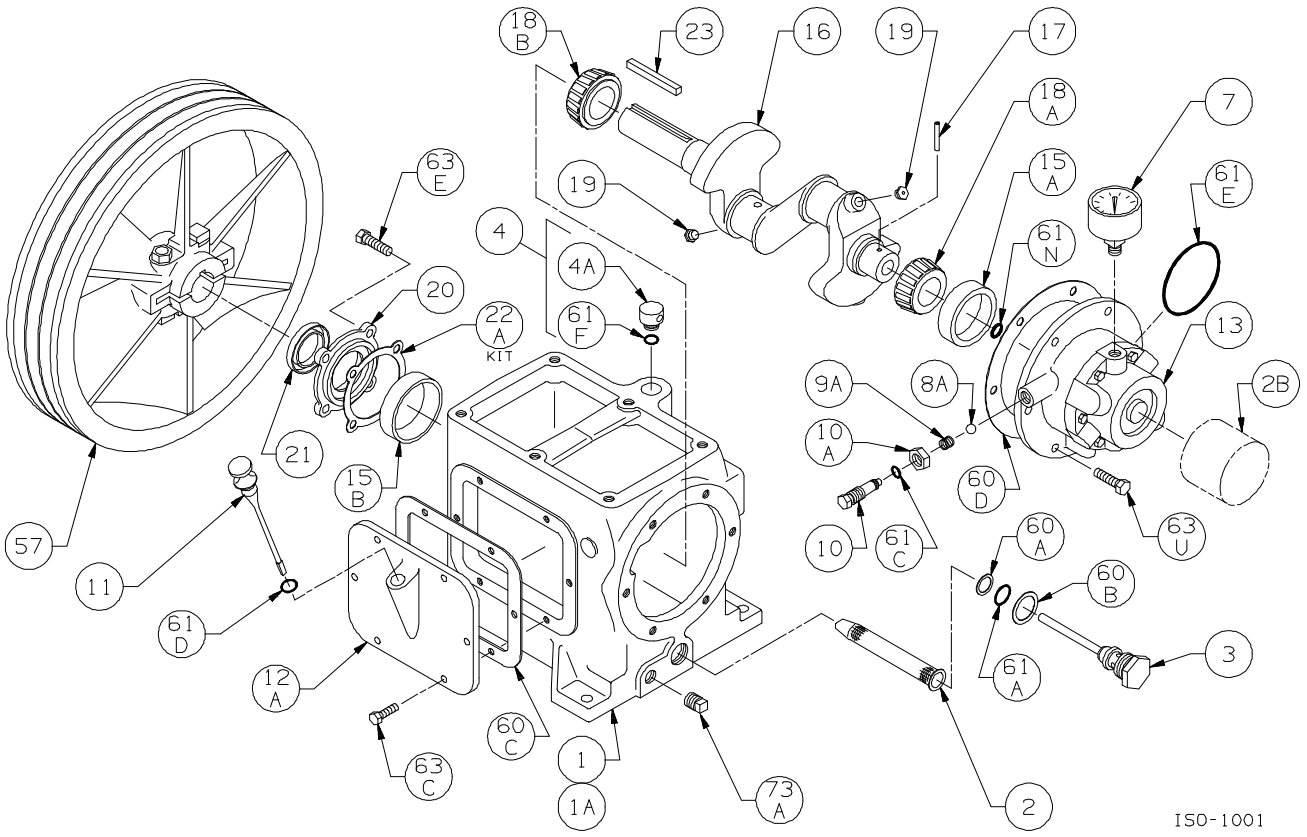
Gasket Set	Buna-N & Iron	793699
	PTFE & Iron	793698
	FKM & Iron	793697
	Neoprene & Iron	793693
	Ethylene Propylene & Iron	793691
Packing Installation Tool		790536
Spanner Wrench, 1/4" Adjustable		790316
Wrench for Valve Holdown Screw		790535
Tool Kit		790199

Bulletins Needed For Complete Parts List

This page	9E-110
Crankcase	9F-020
Oil Pump	9G-010
Crosshead	9J-050
Cylinder	9L-060
Head	9M-090
Head with Unloaders	9M-100

Notes:

COMPRESSORS



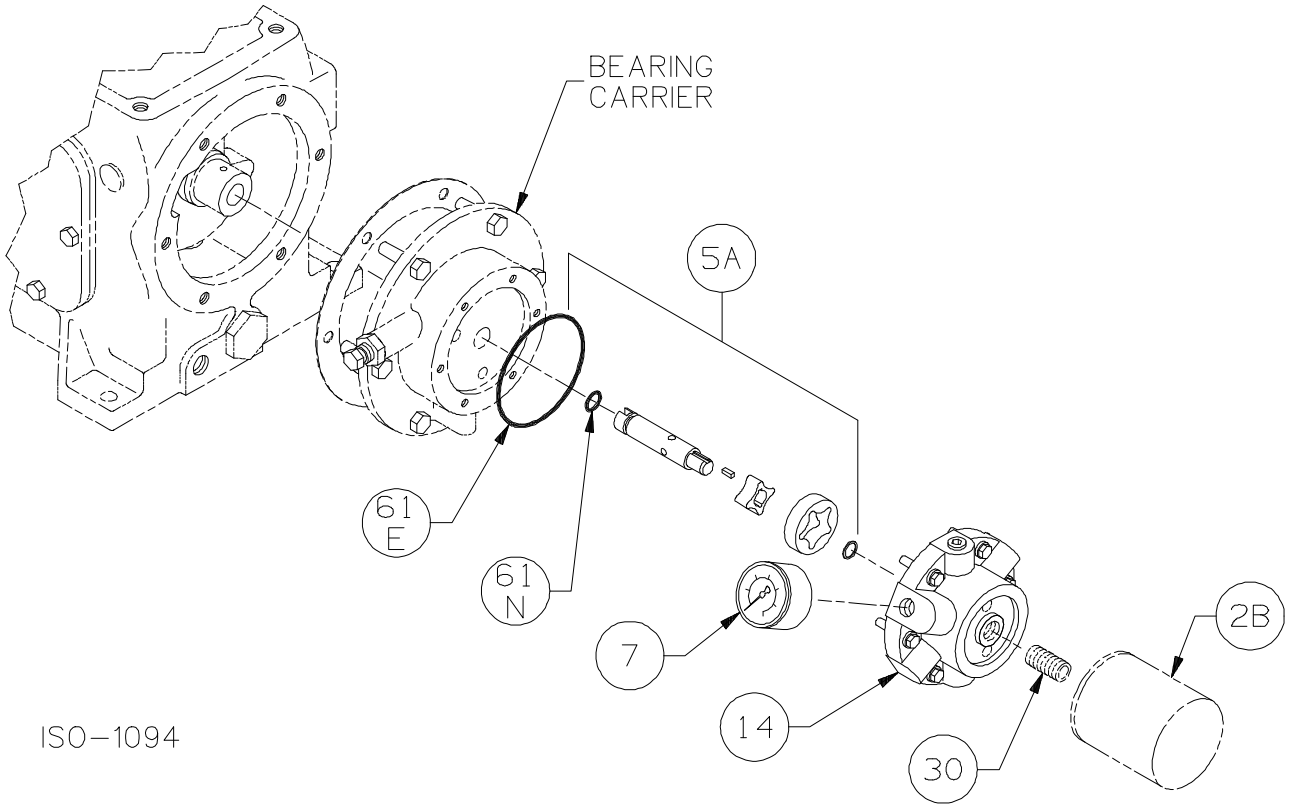
Crankcase Assembly: Models HD361A, HD362A, HD363A, HD372A, HD373A, HDL372A

ISO1001

Ref	Description	Qty	Part No
1	Crankcase Assembly (less flywheel)	1	793119
1A	Crankcase	1	793134
2	Oil Intake Screen	1	792135
2B	Oil Filter	1	790003
3	Oil Screen Plug	1	792145
4	Breather Assembly	1	793149
4A	Breather Cap	1	792144
7	Oil Pressure Gauge	1	790012
8A	Oil Pressure Adjusting Ball	1	792154
9A	Oil Pressure Adjusting Spring	1	792153
10	Oil Pressure Adjusting Screw	1	792148
10A	Locknut	1	792152
11	Oil Bayonet Assembly	1	793162
12A	Inspection Plate	1	793118
13	Bearing Carrier Assembly	1	793179
	Bearing Carrier Assembly with Oil Filter		793170
15A	Bearing Cup (Outboard)	1	792126
15B	Bearing Cup (Inboard)	1	793126
16	Crankshaft Assembly (w\ 18A,18B,19)	1	793159
	Crankshaft Assembly - Extended		793169
17	Oil Pump Drive Pin	1	792147
18A	Bearing Cone (Outboard)	1	792127

Ref	Description	Qty	Part No
18B	Bearing Cone (Inboard)	1	793142
19	Orifice	2	792146
20	Bearing Cover Plate	1	793137
21	Oil Seal	1	793143
22A	Bearing Adjustment Shim Kit	1	793133
23	Key	1	793167
57	Flywheel Assembly	1	793128
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
61A	O-Ring - Oil Screen *	1	792175
61C	O-Ring - Adjusting Screw *	1	792168
61D	O-Ring - Oil Bayonet *	1	792174
61E	O-Ring - Oil Pump Cover *	1	792186
61F	O-Ring - Breather Cap *	1	792173
61N	O-Ring - Oil Pump Shaft *	1	792174
63C	Capscrew - Hex Hd	6	793116
63E	Capscrew - Hex Hd	4	793158
63U	Capscrew - Hex Hd	6	792093
73A	Pipe Plug	1	792166

* Included in Gasket Sets

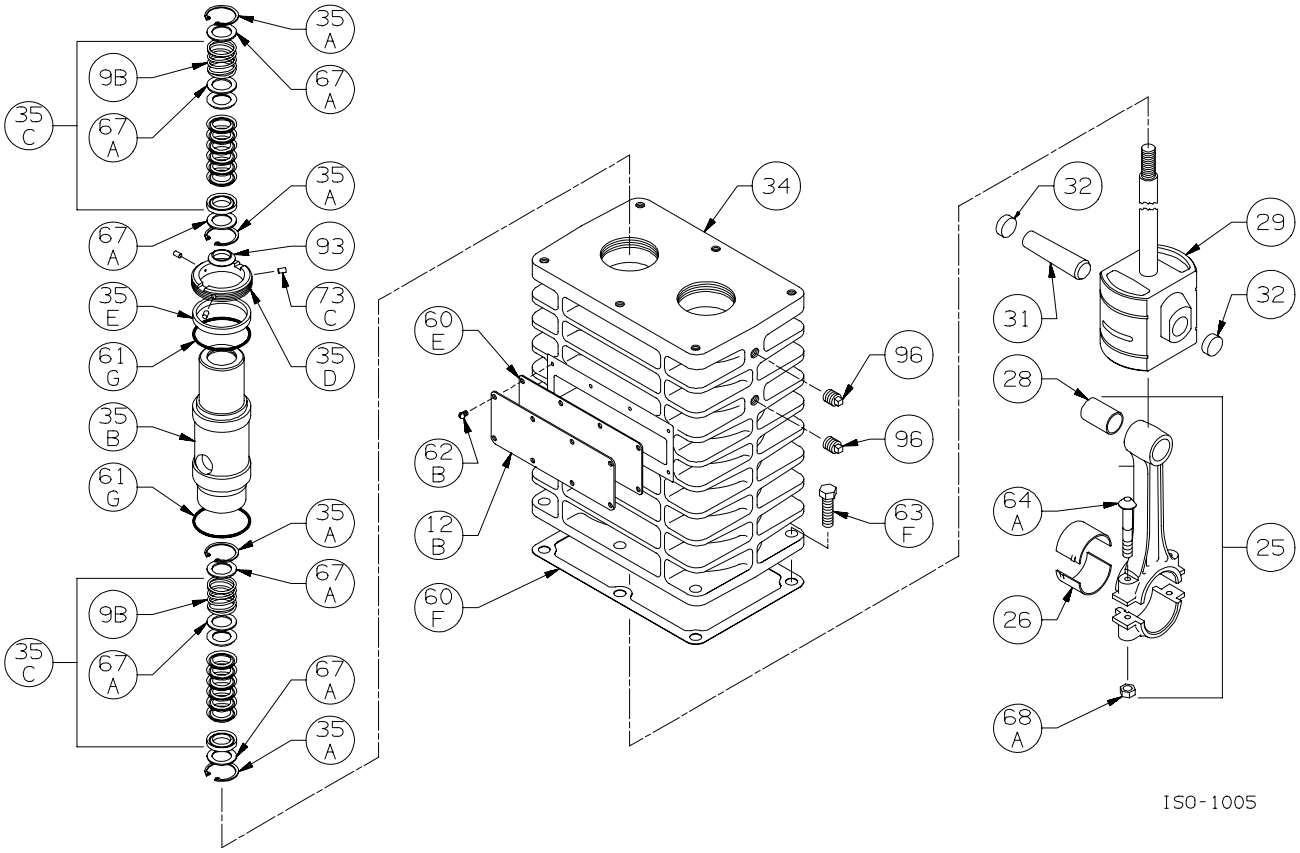


Oil Pump Detail:

Models HD161A, HD162A, HD172A,
HD361A, HD362A, HD363A, HD372A, HD373A, HDL372A,
HD601A, HD602A, HD603A, HD612A, HDL612A ISO1094

Ref	Description	Qty	Part No
2B	Oil Filter	1	790003
5A	Oil Pump Kit (w/ 61E, 61N)		
	160, 170, 360 & 370 Series	1	798855
	600 & 610 Series	1	798856
7	Oil Pressure Gauge	1	790012
14	Oil Pump Cover	1	792181
	Oil Pump Cover - For Filter		790001
30	Oil Filter Fitting	1	790002
61E	O-Ring - Oil Pump Cover *	1	792186
61N	O-Ring - Oil Pump Shaft *	1	792174

* Included in Gasket Sets



Crosshead Assembly: HD362A, HD362B
HD372A, HD372B, HDL372A, HDL372B

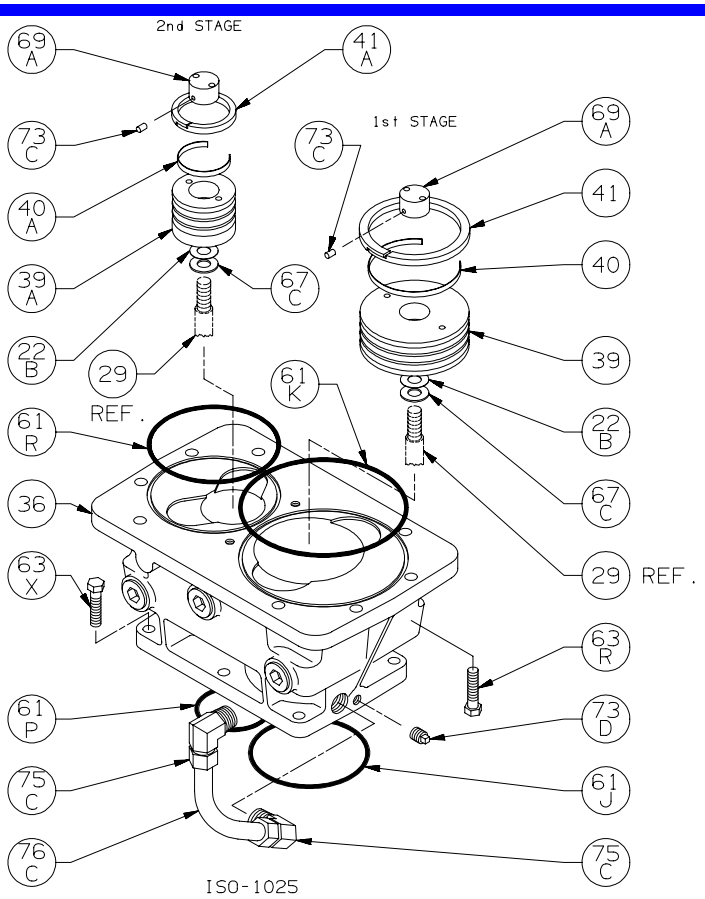
ISO1005

Ref	Description	Qty	Part No
9B	Packing Spring	4	792077
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	793429
31	Wrist Pin	2	793004
32	Wrist Pin Plug	4	792178
34	Crosshead Guide	1	793455
35A	Retainer Ring	8	793404
35B	Packing Box	2	793403
	Packing Box TNT-12		792820
35C	Packing Set	4	793510
35D	Hold-down Ring	2	793220
	Hold-down Ring TNT-12		792810
35E	Spacer Ring	2	793402
	Spacer Ring TNT-12		792821

Ref	Description	Qty	Part No
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
62B	Machine Screw - Inspection Plate	8	793096
63F	Capscrew - Hex Hd	6	793094
64A	Connecting Rod Bolt	4	793006
67A	Washer - Packing Box	12	792087
68A	Connecting Rod Bolt Nut	4	793007
73C	Lock Plug *	6	792030
93	Oil Deflector Ring	2	793478
96	Pipe Plug	4	793498

*Included in Gasket Sets

** Must be honed after installing

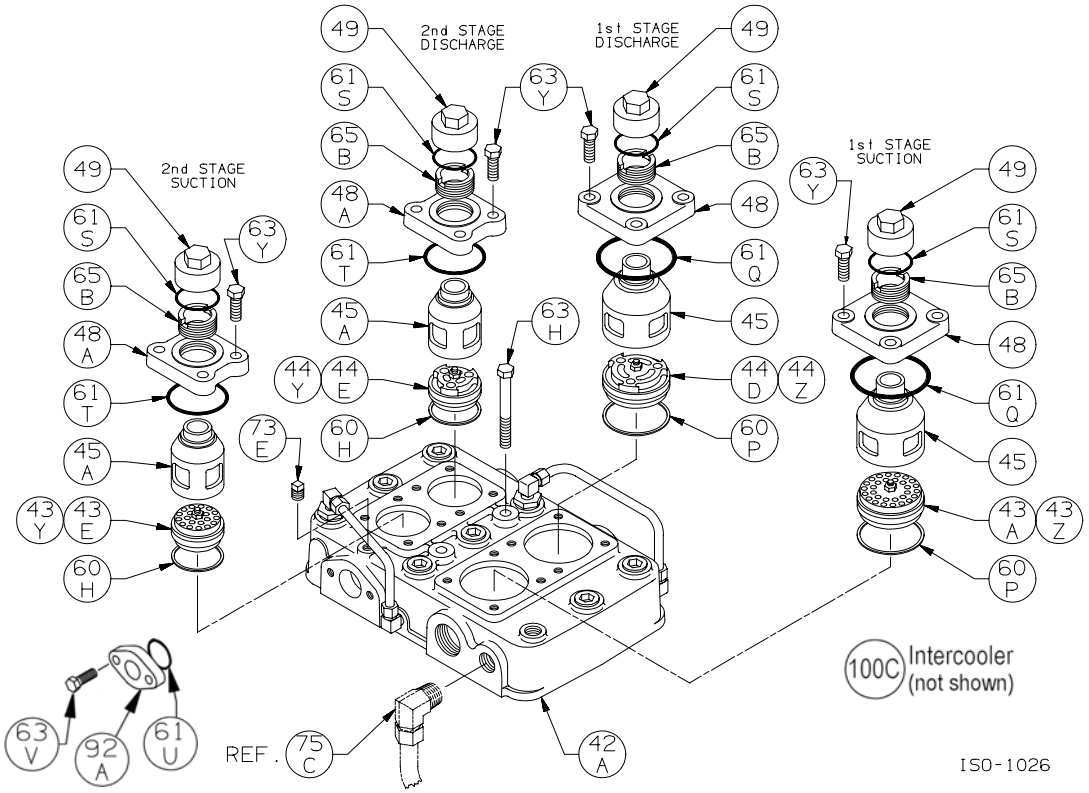


Cylinder Assembly: HDL372C, HDL372B, HDL372A, HDL373C, HDL373B ISO1025

Ref	Description	Qty	Part No
22B	Piston Shim - 0.015	AR	792034
	Piston Shim - 0.007	AR	792050
36	Cylinder	1	793701
	Cylinder TNT-12		792822
39	Piston	1	793621
	Piston TNT-12		792813
39A	Piston	1	793622
	Piston TNT-12		792814
40	Expander	3	793614
40A	Expander	3	793615
41	Piston Ring - Std	3	793610
	Piston Ring - Poly Filled		793612
41A	Piston Ring - Std	3	793611
	Piston Ring - Poly Filled		793613
61J	O-Ring (Buna N) Std *	1	794126
	O-Ring (FKM) *		794214
	O-Ring (PTFE) *		794125
	O-Ring (Neoprene) *		794142
	O-Ring (Ethylene Propylene) *		794210
61K	O-Ring (Buna N) Std *	1	793631
	O-Ring (FKM) *		793633
	O-Ring (PTFE) *		793632
	O-Ring (Neoprene) *		793634
	O-Ring (Ethylene Propylene) *		793638

Ref	Description	Qty	Part No
61P	O-Ring (Buna N) Std *	1	794082
	O-Ring (FKM) *		794213
	O-Ring (PTFE) *		794165
	O-Ring (Neoprene) *		794090
	O-Ring (Ethylene Propylene) *		794206
61R	O-Ring (Buna N) Std *	1	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
75C	Tube Elbow	2	790393
76C	Tube	1	790394

* Included in Gasket Sets



Head Assembly: Models HDL372C, HDL372B, HDL372A, HDL373C, HDL373B

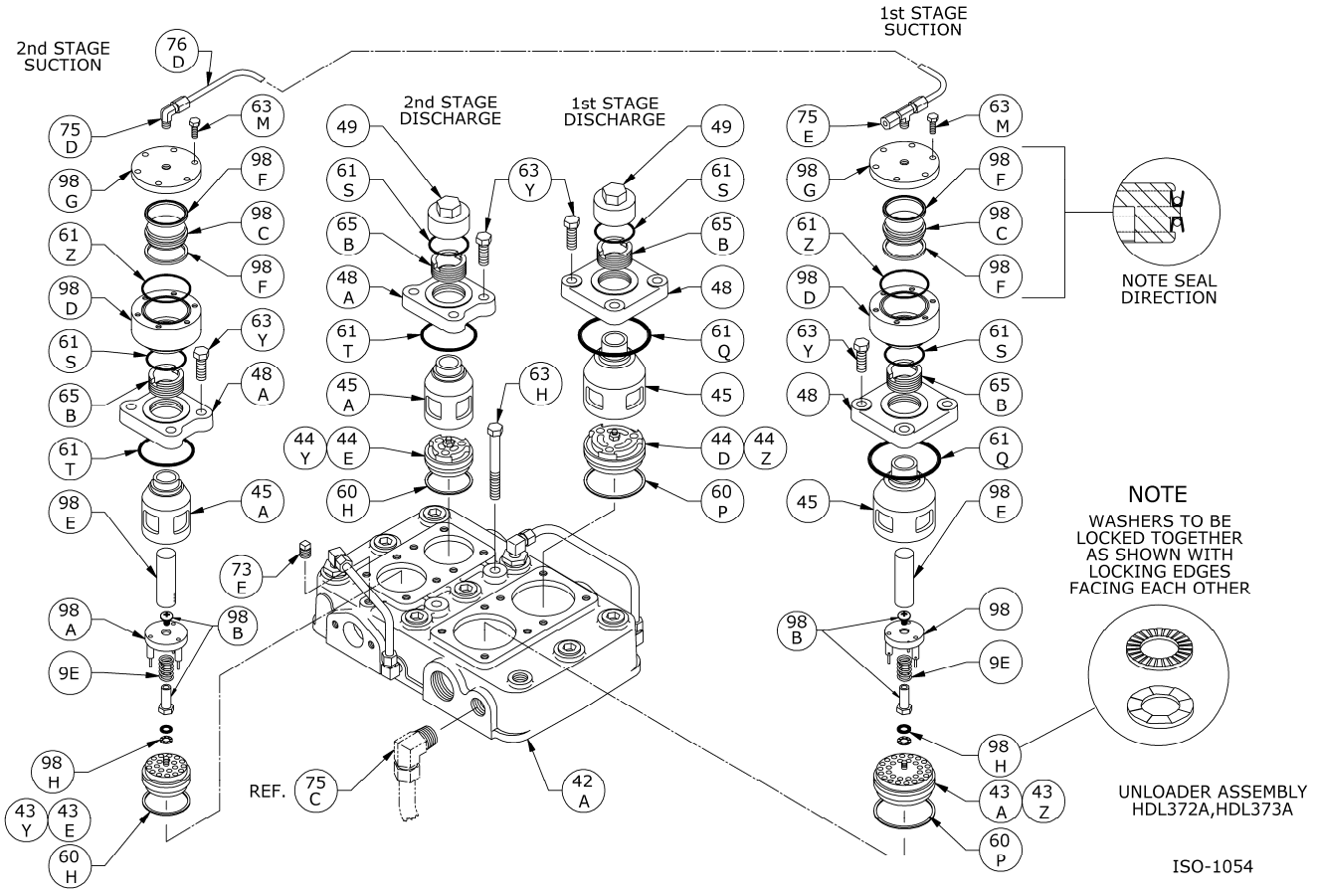
ISO1026

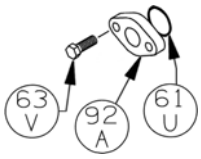
Ref	Description	Qty	Part No
42A	Head	1	793700
	Head TNT-12		792823
43A	Suction Valve Assembly	1	793659
	Suction Valve Assembly TNT-12		792872
	Suction Valve Assembly, Stainless Steel		793629
43E	Suction Valve Assembly	1	793459
	Suction Valve Assembly TNT-12		792870
	Suction Valve Assembly, Stainless Steel		793439
43Y	Valve Repair Kit - For 793459/793479		793460
	Valve Repair Kit - For 793439		793440
43Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793629		793630
44D	Discharge Valve Assembly	1	793679
	Discharge Valve Assembly TNT-12		792873
	Discharge Valve Assembly, Stainless Steel		793649
44E	Discharge Valve Assembly	1	793479
	Discharge Valve Assembly TNT-12		792871
	Discharge Valve Assembly, Stainless Steel		793449
44Y	Valve Repair Kit - For 793459/793479		793460
	Valve Repair Kit - For 793449		793448
44Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793649		793650
45	Cage	2	793620
	Cage TNT-12		792819
45A	Cage	2	793420
	Cage TNT-12		792818
48	Valve Cover Plate	2	794284
	Valve Cover Plate TNT-12		792817

Ref	Description	Qty	Part No
48A	Valve Cover Plate	2	793284
	Valve Cover Plate TNT-12		792816
49	Valve Cap	4	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	2	793202
60P	Gasket - Valve *	2	794198
61Q	O-Ring (Buna-N) Std *	2	792112
	O-Ring (FKM) *		792213
	O-Ring (PTFE) *		792210
	O-Ring (Neoprene) *		792110
	O-Ring (Ethylene Propylene) *		792206
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
61T	O-Ring (Buna-N) Std *	2	793114
	O-Ring (FKM) *		793214
	O-Ring (PTFE) *		793208
	O-Ring (Neoprene) *		793110
	O-Ring (Ethylene Propylene) *		793205
61U	O-Ring (PTFE) Intercooler Flange *	2	793626
63H	Capscrew - Hex Hd	2	793115
63Y	Capscrew - Hex Hd	16	793094
63V	Capscrew – Intercooler Flange	4	793094
65B	Valve Holddown Screw	4	792002
	Valve Holddown Screw TNT-12		792806
73E	Pipe Plug	1	793498
92A	Intercooler Flange – 1" NPT	2	793602
100C	Intercooler, Water-cooled, Brass	1	[1] 793702

* Included in Gasket Sets

[1] Many compressors are supplied with custom intercoolers - please verify this PN with Blackmer prior to placing an order.





100C Intercooler (not shown)

Head Assembly with Unloaders: Models HDL372C, HDL372B, HDL372A, HDL373C, HDL373B

Over.....

Head Assembly with Unloaders: Models HDL372C, HDL372B, HDL372A, HDL373C, HDL373B ISO1054

Ref	Description	Qty	Part No
9E	Unloader Spring	2	793293
42A	Head	1	793700
	Head TNT-12		792823
43A	Suction Valve Assembly	1	793659
	Suction Valve Assembly TNT-12		792872
	Suction Valve Assy, Stainless Steel		793629
43E	Suction Valve Assembly	1	793459
	Suction Valve Assembly TNT-12		792870
	Suction Valve Assy, Stainless Steel		793439
43Y	Valve Repair Kit - For 793459/793479		793460
	Valve Repair Kit - For 793439		793440
43Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793629		793630
44D	Discharge Valve Assembly	1	793679
	Discharge Valve Assembly TNT-12		792873
	Discharge Valve Assy, Stainless Steel		793649
44E	Discharge Valve Assembly	1	793479
	Discharge Valve Assembly TNT-12		792871
	Discharge Valve Assy, Stainless Steel		793449
44Y	Valve Repair Kit - For 793459/793479		793460
	Valve Repair Kit - For 793449		793448
44Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793649		793650
45	Cage	2	793620
	Cage TNT-12		792819
45A	Cage	2	793420
	Cage TNT-12		792818
48	Valve Cover Plate	2	794284
	Valve Cover Plate TNT-12		792817
48A	Valve Cover Plate	2	793284
	Valve Cover Plate TNT-12		792816
49	Valve Cap	2	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	2	793202
60P	Gasket - Valve *	2	794198
61Q	O-Ring (Buna-N) Std *	2	792112
	O-Ring (FKM) *		792213
	O-Ring (PTFE) *		792210
	O-Ring (Neoprene) *		792110
	O-Ring (Ethylene Propylene) *		792206

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
61T	O-Ring (Buna-N) Std *	2	793114
	O-Ring (FKM) *		793214
	O-Ring (PTFE) *		793208
	O-Ring (Neoprene) *		793110
	O-Ring (Ethylene Propylene) *		793205
61U	O-Ring (PTFE) Intercooler Flange *	2	793626
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
63Y	Capscrew - Hex Hd	16	793094
63V	Capscrew – Intercooler Flange	4	793094
65B	Valve Holddown Screw	4	792002
	Valve Holddown Screw TNT-12		792806
73E	Pipe Plug	1	793498
75D	Tube Elbow	1	790355
75E	Tube Tee	1	790356
76D	Tube	1	790192
92A	Intercooler Flange – 1" NPT	2	793602
98	Actuator Assembly - 1st Stage	1	794296
	Actuator Assy. - 1st St, for SS Valve		794298
98A	Actuator Assembly - 2nd Stage	1	793296
	Actuator Assy. - 2nd St, 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
100C	Intercooler, Water-cooled, Brass	1	[2] 793702

* Included in Gasket Sets

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

[2] Many compressors are supplied with custom intercoolers - please verify this PN with Blackmer prior to placing an order.

Suggested Spare Parts for HD372A and HDL372A compressors:

Part #	Description	Qty./ Unit	Comm. Qty.	Spare Qty.
793699 793698 793697 793693 793691	Gasket Set - Buna-N Gasket Set - PTFE * Gasket Set - FKM * Gasket Set - Neoprene * Gasket Set - Ethylene Propylene *	1	1	1
793660 793630	St1 Suction Valve Repair Kit - PEEK St1 Suction Valve Repair Kit - Stainless Steel *	1		1
793460 793440	St2 Suction Valve Repair Kit - PEEK St2 Suction Valve Repair Kit - Stainless Steel *	1		
793660 793650	St1 Discharge Valve Repair Kit - PEEK St1 Discharge Valve Repair Kit - Stainless Steel *	1		1
793460 793448	St2 Discharge Valve Repair Kit - PEEK St2 Discharge Valve Repair Kit - Stainless Steel *	1		1
792284	Unloader Seal *	4		4
793610 793612	St1 Piston Ring - Standard St1 Piston Ring - Poly Filled *	3	3	3
793614	St1 Piston Ring Expander	3	3	3
793611 793613	St2 Piston Ring - Standard St2 Piston Ring - Poly Filled *	3		3
793615	St2 Piston Ring Expander	3		3
793510	Packing Set	4	4	4
790003	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	1		1
793126	Inboard Bearing Cup	1		1
792127	Outboard Bearing Cone	1		1
792126	Outboard Bearing Cup	1		1
793429	Crosshead Assembly	2		1
793009	Conrod Assembly	2		1
798855	Oil Pump Repair Kit	1		
793159	Crankshaft Assembly	1		
793133	Bearing Adjustment Shim Kit	1		
793601 792812 793701 792822	Cylinder (HD372) Cylinder, TNT-12 PTFE / Nickel Treated * Cylinder (HDL372) Cylinder, TNT-12 PTFE / Nickel Treated *	1 1		

* Optional Equipment on New Compressors

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