

HD172A PARTS LIST

Discontinued Model – parts availability may be limited.

Serial # _____

ID# _____

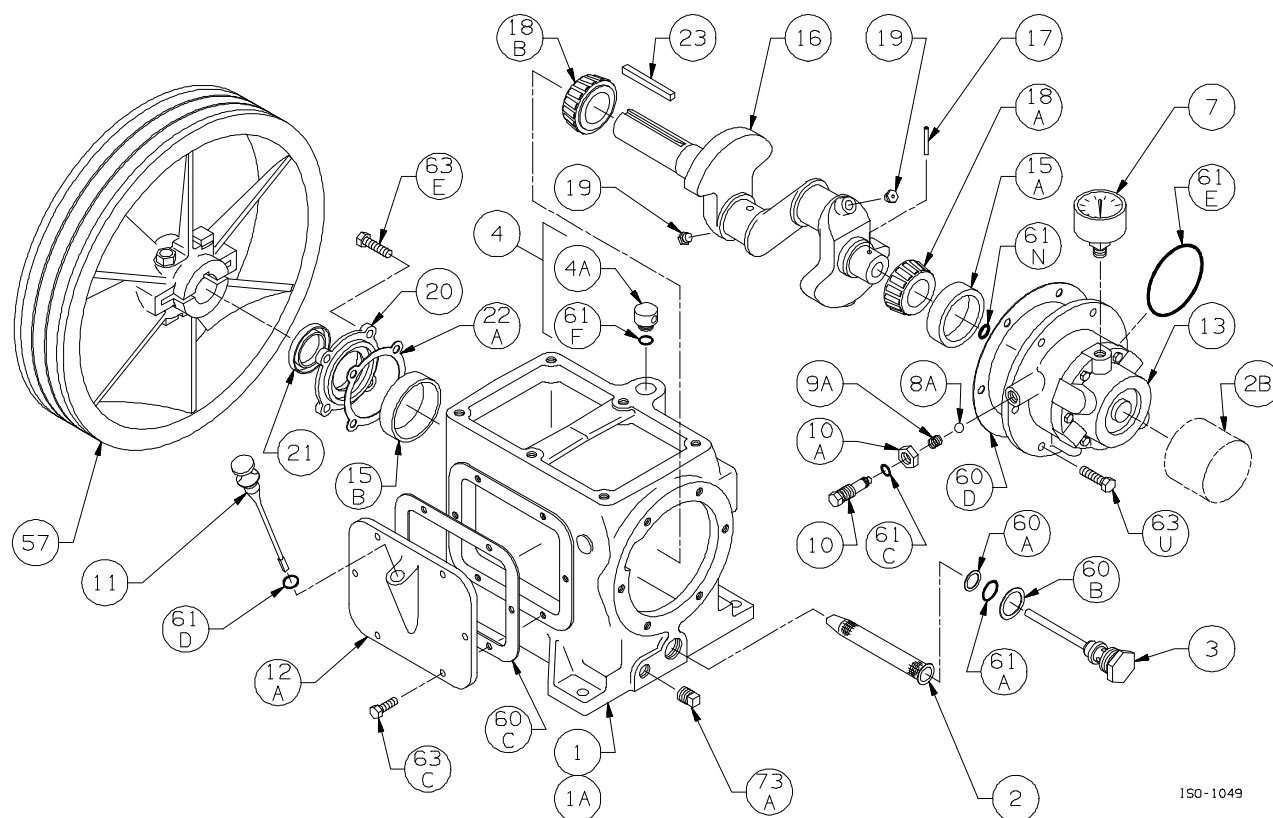
Gasket Sets and Special Tools

Gasket Set	Buna-N & Iron	792460
	PTFE & Iron	792461
	FKM & Iron	792462
	Neoprene & Iron	792463
	Ethylene Propylene & Iron	792464
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-040
Crankcase	9F-010
Oil Pump	9G-010
Crosshead	9J-021
Cylinder	9L-030
Head	9M-030
Head with Unloaders	9M-040
Intercooler	9P-010

Notes:



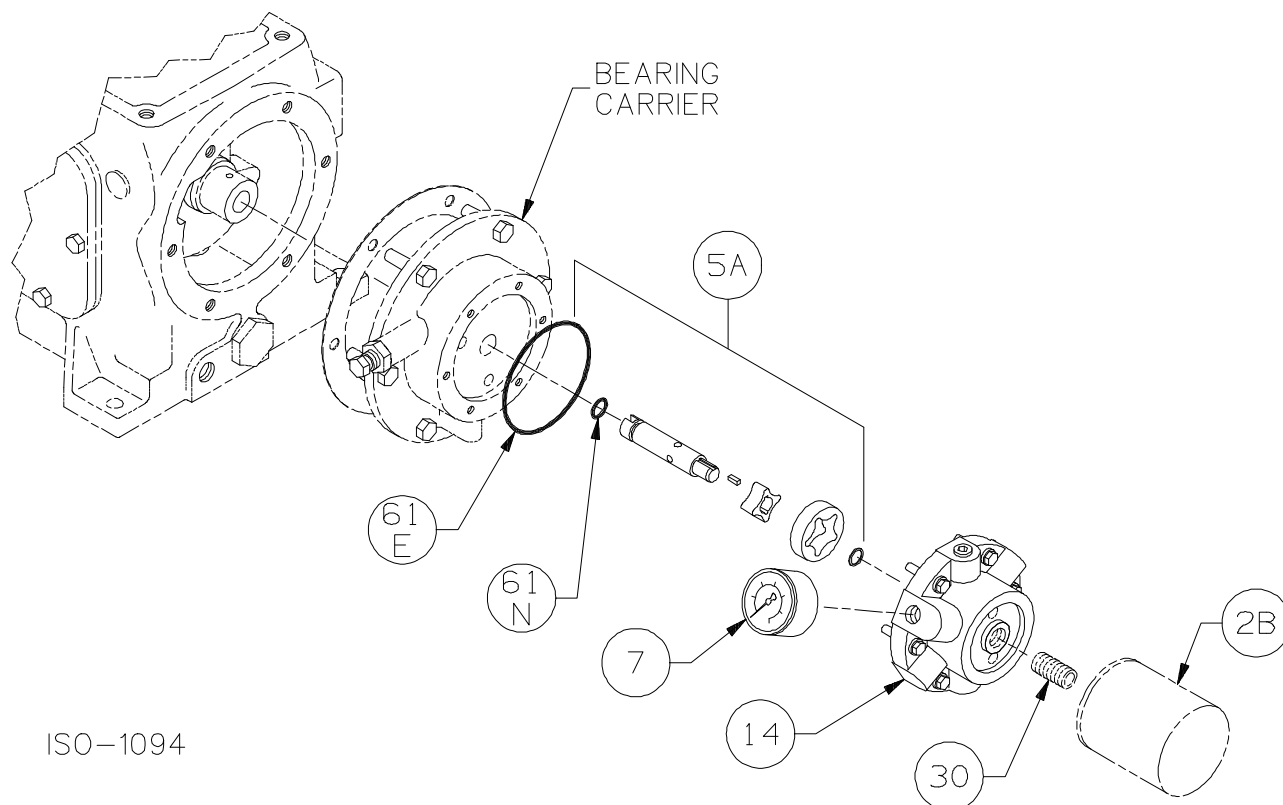
Crankcase Assembly: Models HD161A, HD162A, HD172A

ISO1049

Ref	Description	Qty	Part No
1	Crankcase Assembly (Less Flywheel)	1	792119
1A	Crankcase	1	792134
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	792162
12A	Inspection Plate	1	792131
13	Bearing Carrier Assembly	1	792179
	Bearing Carrier Assembly with Oil Filter		792170
15A	Bearing Cup (Outboard)	1	792138
15B	Bearing Cup (Inboard)	1	792126
16	Crankshaft Assembly (w/ 18A, 18B, 19)	1	792159
	Crankshaft Assembly - Extended		792169
17	Oil Pump Drive Pin	1	792147
18A	Bearing Cone (Outboard)	1	792142

Ref	Description	Qty	Part No
18B	Bearing Cone (Inboard)	1	792127
19	Orifice	2	792146
20	Bearing Cover Plate	1	792137
21	Oil Seal	1	792143
22A	Bearing Adjustment Shim Kit	1	792133
23	Key	1	792167
57	Flywheel Assembly	1	792128
60A	Gasket - Oil Screen *	1	792136
60B	Gasket - Oil Screen Plug *	1	792123
60C	Gasket - Inspection Plate *	1	792122
60D	Gasket - Bearing Carrier Assembly *	1	792124
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



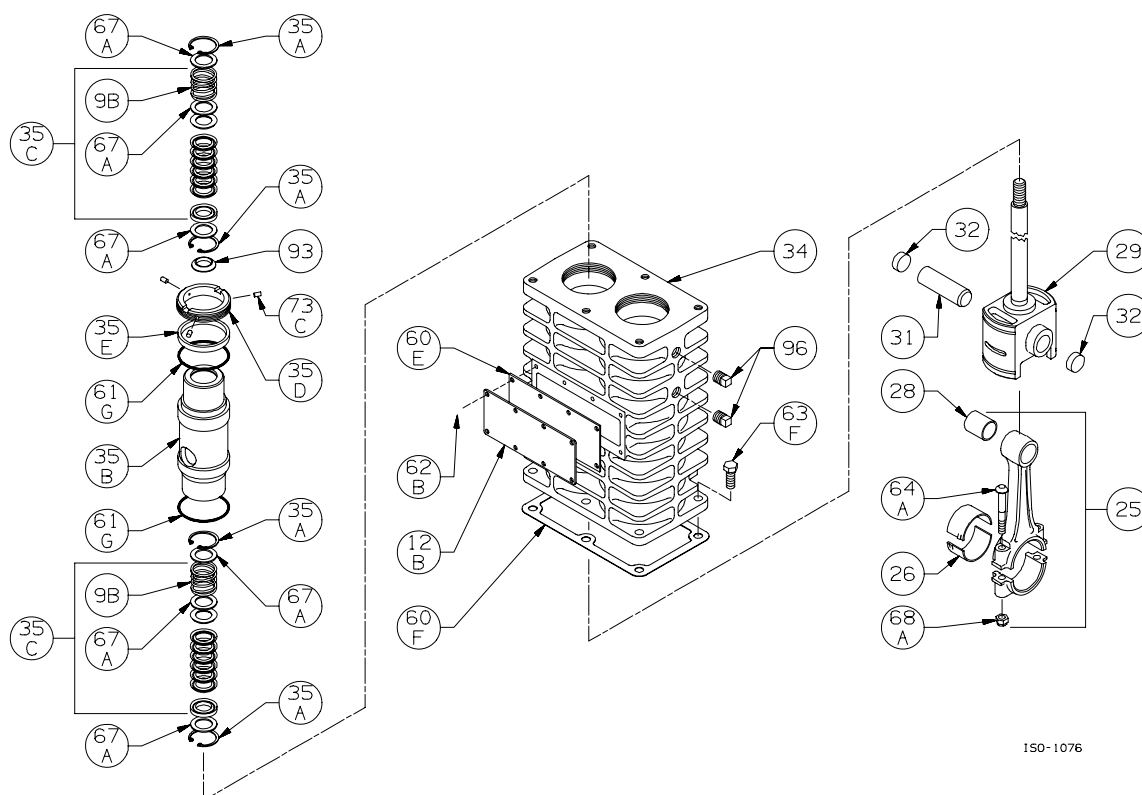
Oil Pump Detail:

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



150-1076

Crosshead Assembly: HD162B, HD172A, HD172B

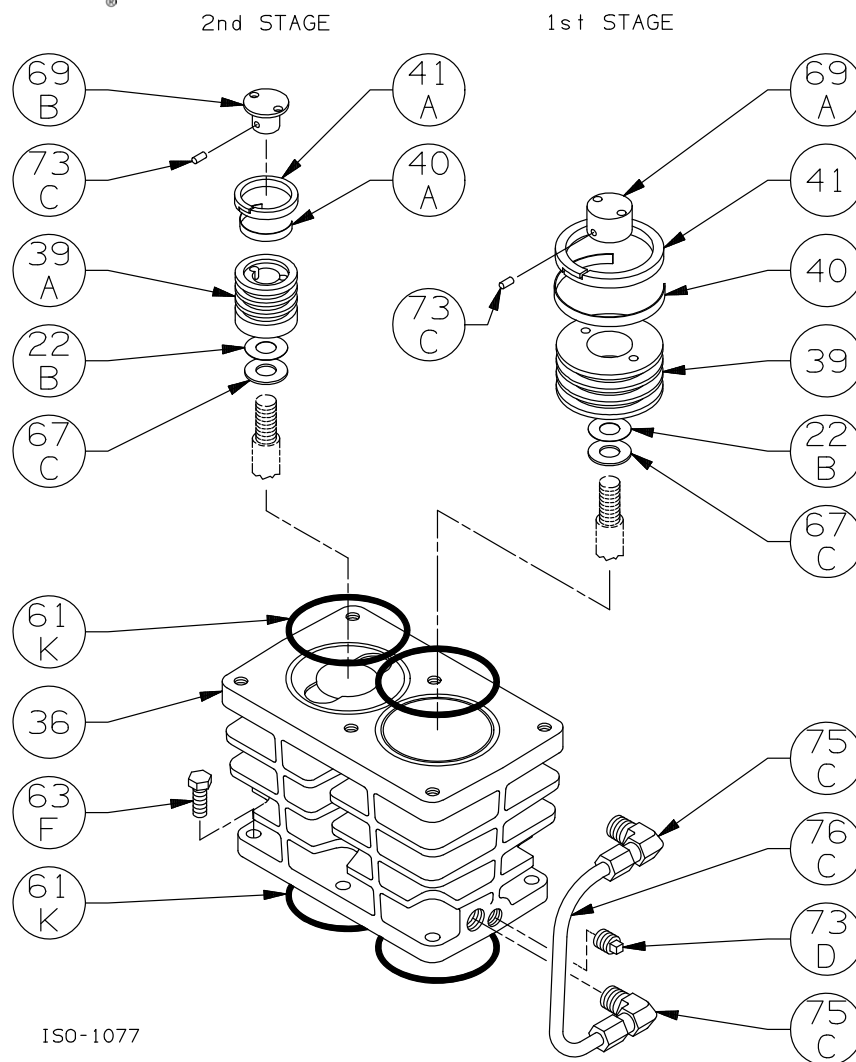
ISO1076

Ref	Description	Qty	Part No
9B	Packing Spring	4	792077
12B	Inspection Plate	1	792017
25	Connecting Rod Assembly	2	792009
26	Connecting Rod Bearing	2	792012
28	Wrist Pin Bushing **	2	792013
29	Crosshead Assembly	2	792429
31	Wrist Pin	2	792014
32	Wrist Pin Plug	4	792178
34	Crosshead Guide	1	792455
35A	Retainer Ring	8	793404
35B	Packing Box	2	792403
	Packing Box TNT-12		792883
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	792092
60F	Gasket - Crankcase *	1	792121
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	792093
64A	Connecting Rod Bolt	4	792006
67A	Washer - Packing Box	12	792087
68A	Connecting Rod Bolt Nut	4	792005
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



ISO-1077

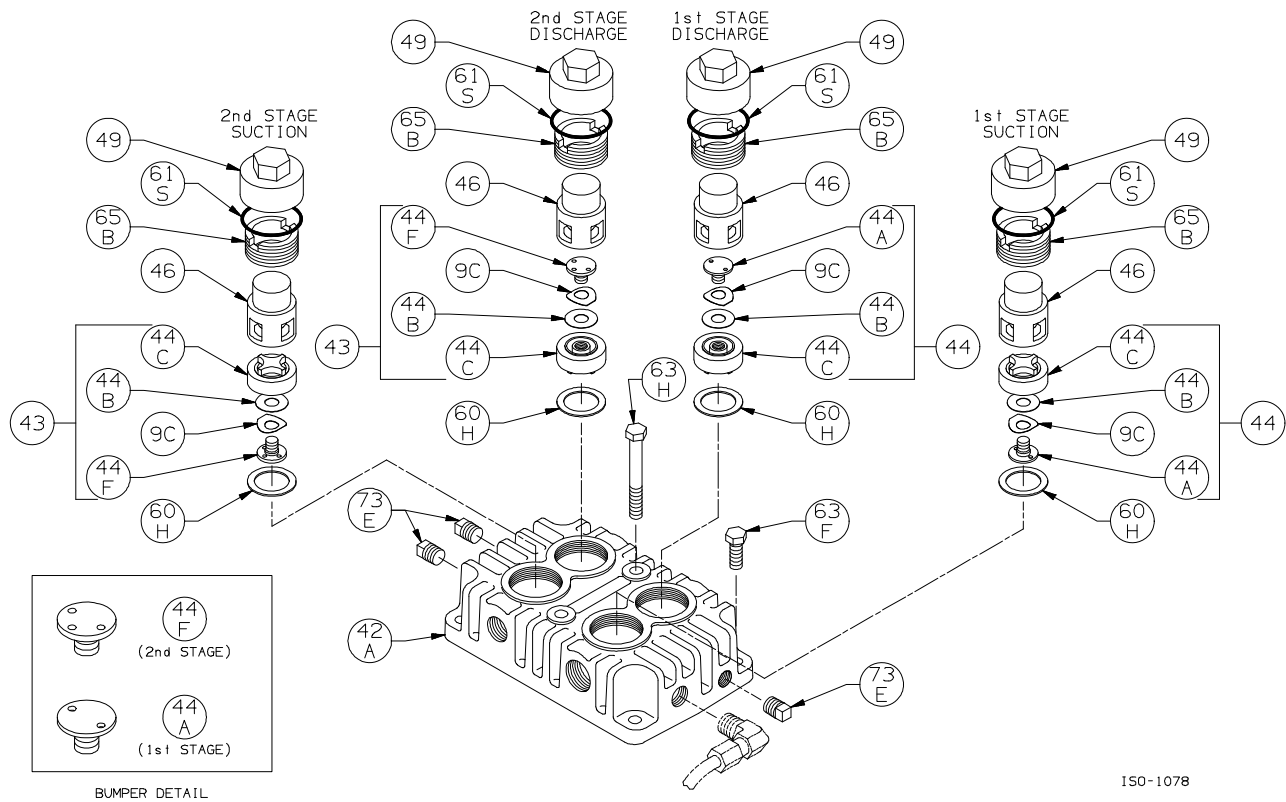
Cylinder Assembly: HD172A, HD172B, HD172C, HD173B, HD173C

ISO1077

Ref	Description	Qty	Part No
22B	Piston Shim - 0.015 Piston Shim - 0.007	as req.	792034 792050
36	Cylinder Cylinder TNT-12	1	792457 792878
39	Piston Piston TNT-12	1	792431 792807
39A	Piston Piston TNT-12	1	792458 792880
40	Expander	3	794615
40A	Expander	3	792409
41	Piston Ring – Glass/Moly Filled, Std Piston Ring - Poly Filled	3	792420 792421
41A	Piston Ring – Glass/Moly Filled, Std Piston Ring - Poly Filled	3	792407 792408

* Included in Gasket Sets

Ref	Description	Qty	Part No
61K	O-Ring (Buna-N) Std * O-Ring (FKM) * O-Ring (PTFE) * O-Ring (Neoprene) * O-Ring (Ethylene Propylene) *	4	792112 792213 792210 792110 792206
63F	Capscrew - Hex Hd	6	792093
67C	Thrust Washer	2	792033
69A	Piston Nut Piston Nut TNT-12	1	793022 792808
69B	Piston Nut Piston Nut TNT-12	1	792459 792881
73C	Lock Plug *	4	793028
73D	Pipe Plug	1	793498
75C	Tube Elbow	2	790552
76C	Tube	1	790553



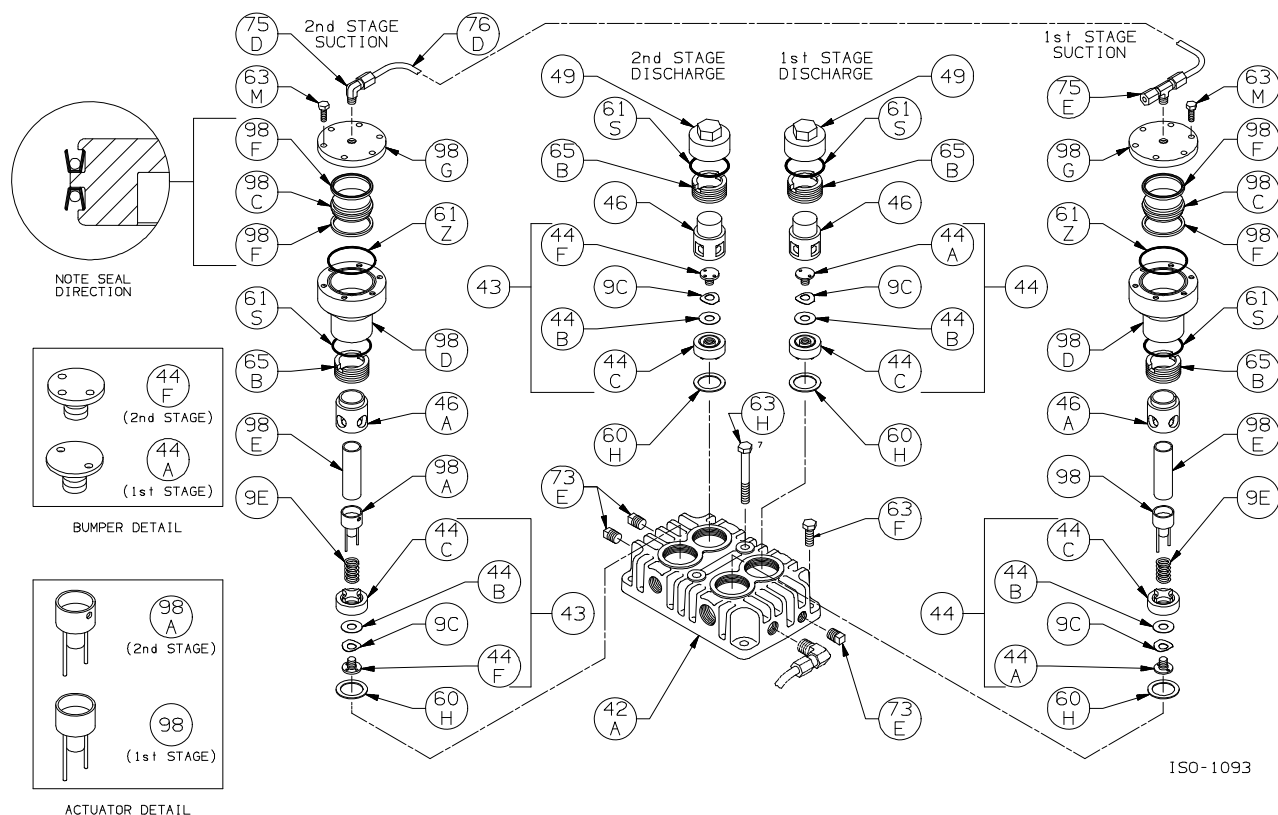
Head Assembly: HD172A, HD172B, HD172C, HD173B, HD173C

ISO1078

Ref	Description	Qty	Part No
9C	Valve Spring	4	792038
42A	Head	1	792456
	Head TNT-12		792879
43	Valve Assembly - 2nd Stage	2	792064
44	Valve Assembly - 1st Stage	2	792056
44A	Valve Bumper - 1st Stage	2	792054
44B	Valve Disc	4	792037
44C	Valve Body	4	792055
44F	Valve Bumper - 2nd Stage	2	792066
46	Cage	2	792051
	Cage TNT-12		792803
49	Valve Cap	2	792003
	Valve Cap TNT-12		792804

Ref	Description	Qty	Part No
60H	Gasket - Valve *	4	792201
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
63F	Capscrew - Hex Hd	4	792093
63H	Capscrew - Hex Hd	2	792095
65B	Valve Holddown Screw	4	792002
	Valve Holddown Screw TNT-12		792806
73E	Pipe Plug	3	793498

* Included in Gasket Sets



Head Assembly with Unloaders: HD172A, HD172B, HD172C, HD173B, HD173C

ISO1093

Ref	Description	Qty	Part No
9C	Valve Spring	4	792038
9E	Unloader Spring	2	793293
42A	Head	1	792456
	Head TNT-12		792879
43	Valve Assembly - 2nd Stage	2	792064
44	Valve Assembly - 1st Stage	2	792056
44A	Valve Bumper - 1st Stage	2	792054
44B	Valve Disc	4	792037
44C	Valve Body	4	792055
44F	Valve Bumper - 2nd Stage	2	792066
46	Cage	2	792051
	Cage TNT-12		792803
46A	Cage	2	792282
49	Valve Cap	2	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	4	792201
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

Ref	Description	Qty	Part No
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
63F	Capscrew - Hex Hd	4	792093
63H	Capscrew - Hex Hd	2	792095
63M	Capscrew - Hex Hd	12	790053
65B	Valve Holddown Screw	4	792002
	Valve Holddown Screw TNT-12		792806
73E	Pipe Plug	3	793498
75D	Tube Elbow	1	790355
75E	Tube Tee	1	790356
76D	Tube	1	790192
98	Actuator Assembly - 1 st Stage	1	792296
98A	Actuator Assembly - 2 nd Stage	1	792295
98C	Unloader Piston	2	793288
98D	Unloader Body	2	792286
98E	Unloader Plunger	2	793290
98F	Unloader Seal	4	792284
98G	Unloader Cap	2	793287

* Included in Gasket Sets

Suggested Spare Parts for HD172A compressors:

Part #	Description	Qty./ Unit	Comm. Qty.	Spare Qty.
792460	Gasket Set - Buna-N	1	1	1
792461	Gasket Set - PTFE *			
792462	Gasket Set - FKM *			
792463	Gasket Set - Neoprene *			
792464	Gasket Set - Ethylene Propylene *			
792056	Stage 1 Suction Valve	1		1
792064	Stage 2 Suction Valve	1		
792056	Stage 1 Discharge Valve	1		1
792064	Stage 2 Discharge Valve	1		1
792284	Unloader Seal *	4		4
792420	Stage 1 Piston Ring - Standard	3	3	3
792421	Stage 1 Piston Ring - Poly Filled *			
794615	Stage 1 Piston Ring Expander	3	3	3
792407	Stage 2 Piston Ring - Standard	3		3
792408	Stage 2 Piston Ring - Poly Filled *			
792409	Stage 2 Piston Ring Expander	3		3
793510	Packing Set	4	4	4
790003	Oil Filter *	1		6
792014	Wrist Pin	2		2
792013	Wrist Pin Bushing	2	2	2
792012	Conrod Bearing	2	2	2
The following parts would normally be required only for major compressor overhaul.				
792127	Inboard Bearing Cone	1		1
792126	Inboard Bearing Cup	1		1
792142	Outboard Bearing Cone	1		1
792138	Outboard Bearing Cup	1		1
792429	Crosshead Assembly	2		1
792009	Conrod Assembly	2		1
798855	Oil Pump Repair Kit	1		
792159	Crankshaft Assembly	1		
792133	Bearing Adjustment Shim Kit	1		
792457	Cylinder	1		
792878	Cylinder, TNT-12 PTFE / Nickel Treated *			

* Optional Equipment on New Compressors