HDL602C PARTS LIST

Serial #_____ ID#_____ _____ _____

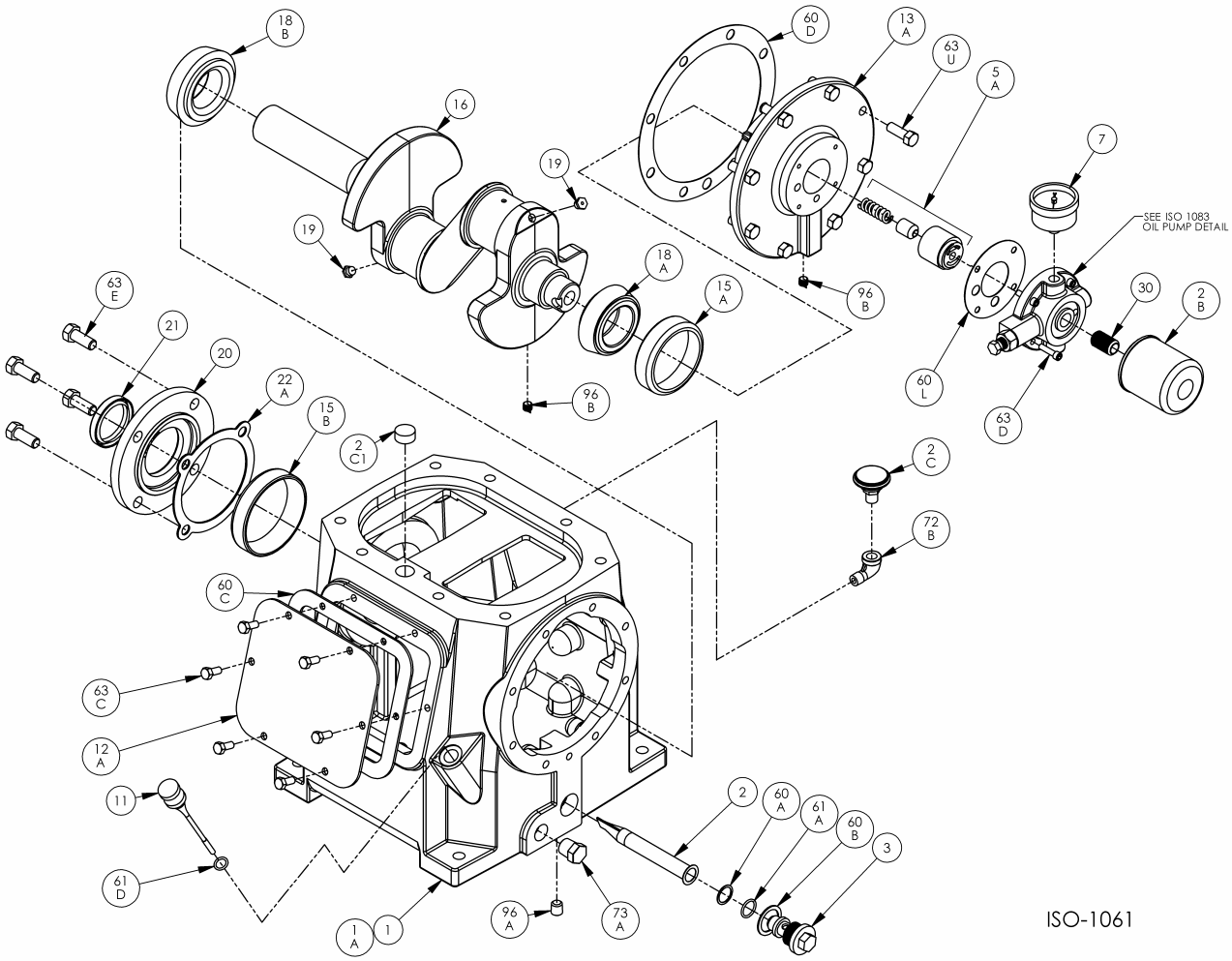
Gasket Sets and Special Tools

Gasket Set	Buna-N & Iron	794597
	FKM & Iron	794595
	PTFE & Iron	794596
	Neoprene & Iron	794591
	Ethylene Propylene & Iron	794588
Packing Installation Tool		790538
Spanner Wrench, 1/4" Adjustable		790316
Wrench for Valve Holdown Screw		790535
Tool Kit		790199

Bulletins Needed For Complete Parts List

This page	9E-171
Crankcase	9F-031
Oil Pump	9G-011
Flywheel	9H-030
Crosshead	9J-092
Packing	9K-070
Cylinder	9L-080
Head	9M-130
Head with Unloaders	9M-140

Notes:

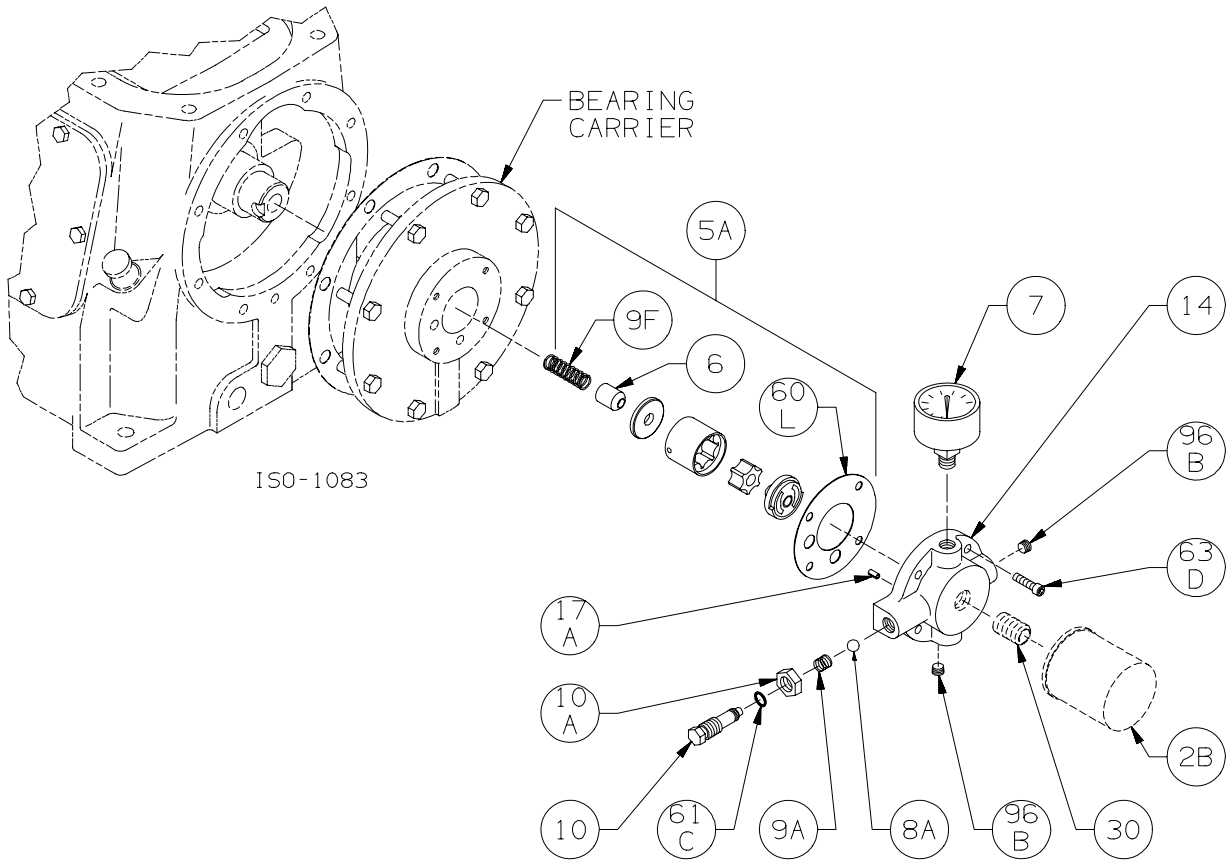


Crankcase Assembly:
Models HD601B, HD602C|B, HD603C|B, HDL602C|B, HDL603C|B, HDL642C|B, HDL643C|B, HDS602C|B
HD612C|B, HD613C|B, HDL612C|B, HDL613C|B, HDS612C|B ISO1061

Ref	Description	Qty	Part No
1	Crankcase Assembly – with Oil Filter (std.)	1	794758
	Crankcase Assembly – no Oil Filter		794759
1A	Crankcase	1	794709
2	Oil Intake Screen	1	792135
2B	Oil Filter	1	794726
2C	Breather Filter (current)	1	792070
2C1	Breather Filter (Previous Construction)		794752
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	794140
13A	Bearing Carrier	1	794714
15A	Bearing Cup (Outboard)	1	794131
15B	Bearing Cup (Inboard)	1	794731
16	Crankshaft Assy (w\ 18A,18B,19,96B)	1	794708
18A	Bearing Cone (Outboard)	1	794130
18B	Bearing Cone (Inboard)	1	794730
19	Orifice	2	792146

Ref	Description	Qty	Part No
20	Bearing Cover Plate	1	794716
21	Oil Seal	1	794732
22A	Bearing Adjustment Shim Kit	1	794733
30	Oil Filter Fitting	1	794725
60A	Gasket - Oil Screen *	1	792136
60B	Gasket - Oil Screen Plug *	1	792123
60C	Gasket - Inspection Plate *	1	794122
60D	Gasket - Bearing Carrier Assembly*	1	794720
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	790484
63U	Capscrew - Hex Hd	8	792093
72B	Elbow	1	790453
73A	Pipe Plug	1	790024
96A	Pipe Plug	1	790488
96B	Pipe Plug	2	790309

* Included in Gasket Sets



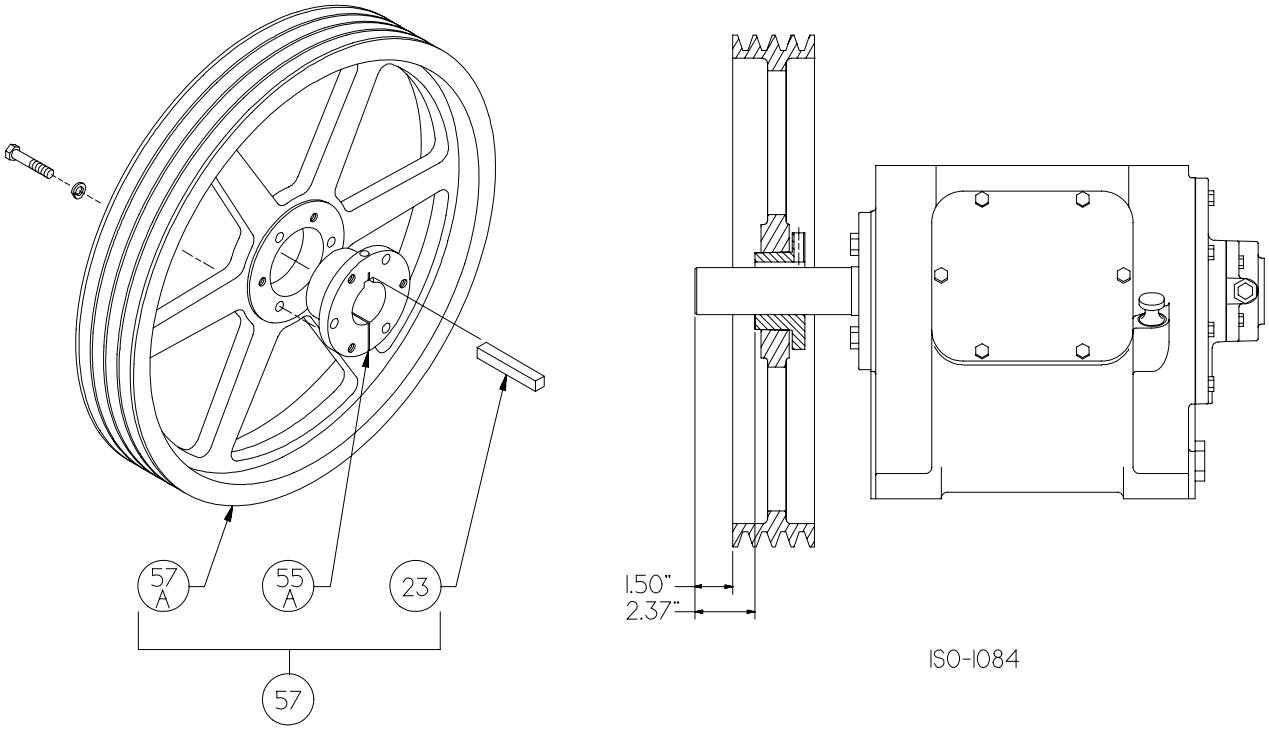
Oil Pump Detail for Models:
HD161C|B, HD162C|B, HD163C, HDS162C
HD172C|B, HD173C, HDL172C, HDL173C, HDS172C,
HDL342C|B, HDL343C|B,
HD361C|B, HD362C|B, HD363|B, HDS362C, HDL362C|B, HDL363C|B,
HD372C|B, HDL372C|B, HD373C, HDL373C|B, HDS372C
HD601B, HD602C|B, HD603C|B, HDL602C|B, HDL603C|B, HDS602C, HDL642C|B, HDL643C|B,
HD612C|B, HDL612C|B, HD613C|B, HDL613C|B, HDS612C|B
HD942B|A and HDL942B|A

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

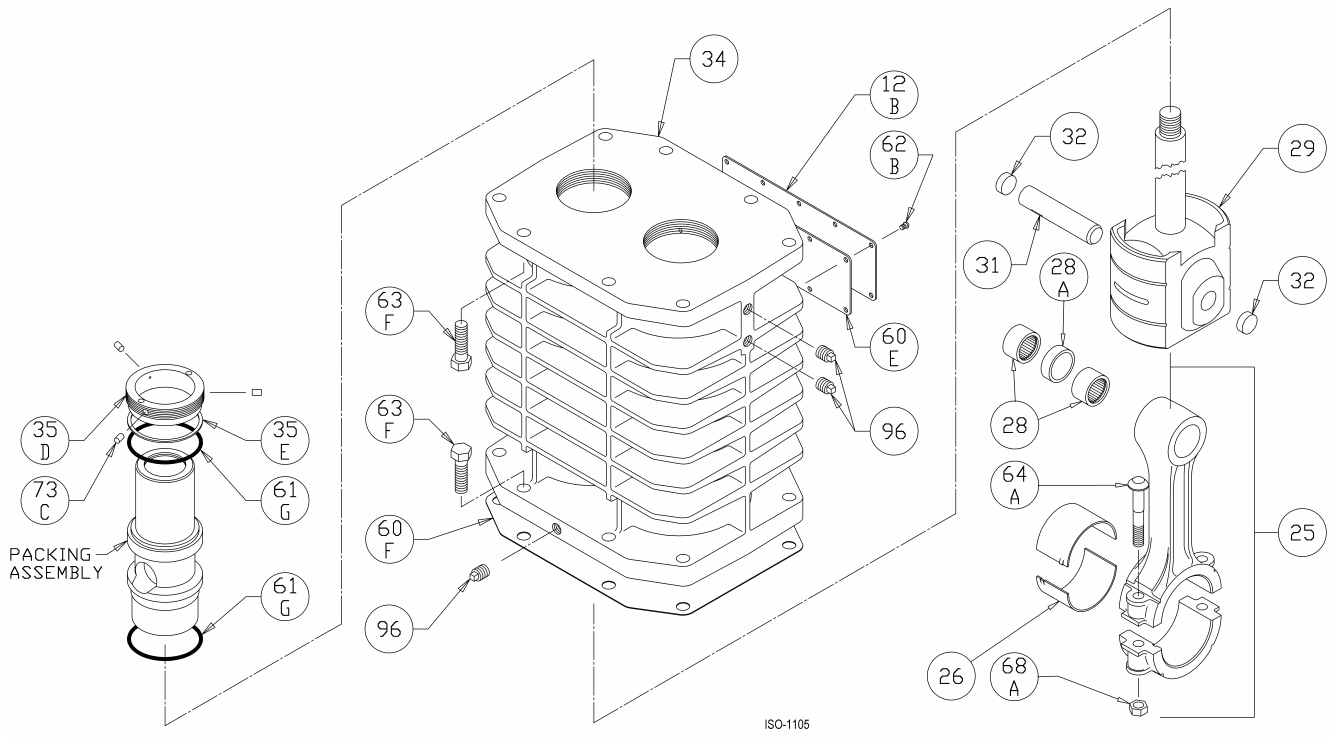
Ref	Description	Qty	Part No
14	Oil Pump Cover Assembly - For Filter with 17A, 96B	1	794764
	Oil Pump Cover Assembly - w\ 17A, 96B		794763
17A	Roll Pin	1	794753
30	Oil Filter Fitting	1	794725
60L	Gasket - Oil Pump Cover *	1	794721
61C	O-Ring - Adjusting Screw *	1	792168
63D	Capscrew - Soc. Hd	4	790559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

* Included in Gasket Sets



Standard Flywheel Assembly:
HD601B, HD602C|B, HD603C|B
HDL602C|B, HDL603C|B, HDS602C|B
HDL642C|B, HDL643C|B ISO1084

Ref	Description	Qty	Part No
23	Key	1	794267
55A	Hub	1	790149
57	Flywheel Assembly	1	794132
57A	Flywheel	1	790545



Crosshead Assembly: HD602C, HDL602C, HDL642C, HD612C, HDL612C

ISO1105

Ref	Description	Qty	Part No
12B	Inspection Plate	1	794093
25	Connecting Rod Assembly	2	794767
26	Connecting Rod Bearing	2	794710
28	Wrist Pin Roller Bearing	4	794776
28A	Bearing Spacer	2	794770
29	Crosshead Assembly	2	794432
31	Wrist Pin	2	794727
32	Wrist Pin Plug	4	794724
34	Crosshead Guide	1	794430
35D	Hold-down Ring	2	794220
	Hold-down Ring TNT-12		792839
35E	Spacer Ring	2	794403
60E	Gasket - Inspection Plate *	1	794092

Ref	Description	Qty	Part No
60F	Gasket - Crankcase *	1	794121
61G	O-Ring (Buna-N) Std *	4	794082
	O-Ring (FKM) *		794213
	O-Ring (PTFE) *		794208
	O-Ring (Neoprene) *		794090
	O-Ring (Ethylene Propylene) *		794206
62B	Machine Screw - Inspection Plate	10	793096
63F	Capscrew - Hex Hd	16	794094
64A	Connecting Rod Bolt	4	794012
68A	Connecting Rod Bolt Nut	4	794013
72A	Elbow - Vent	1	790453
73C	Lock Plug *	6	794028
96	Pipe Plug	4	793498

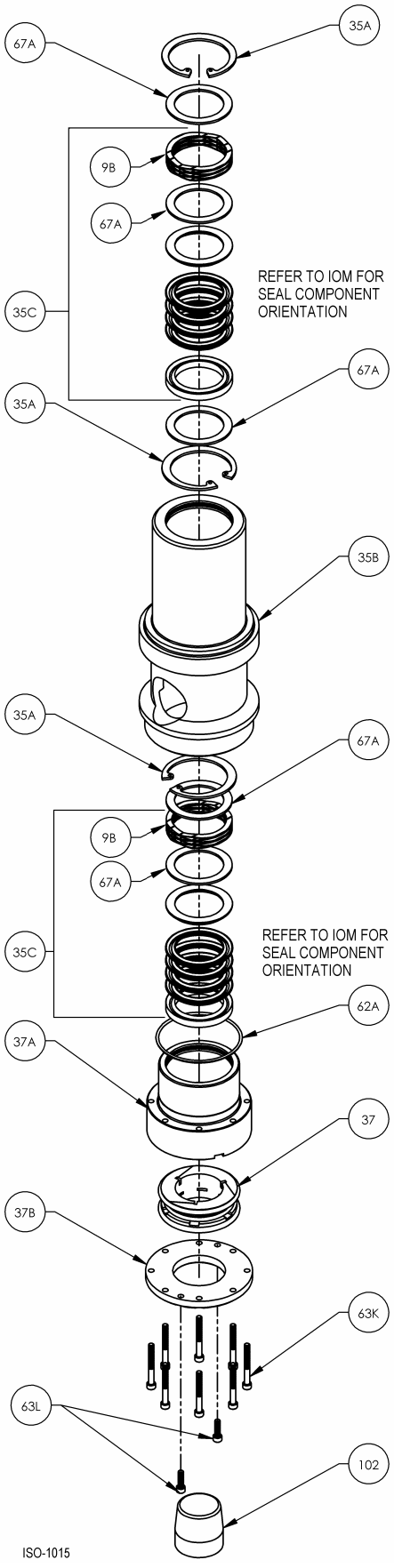
*Included in Gasket Sets

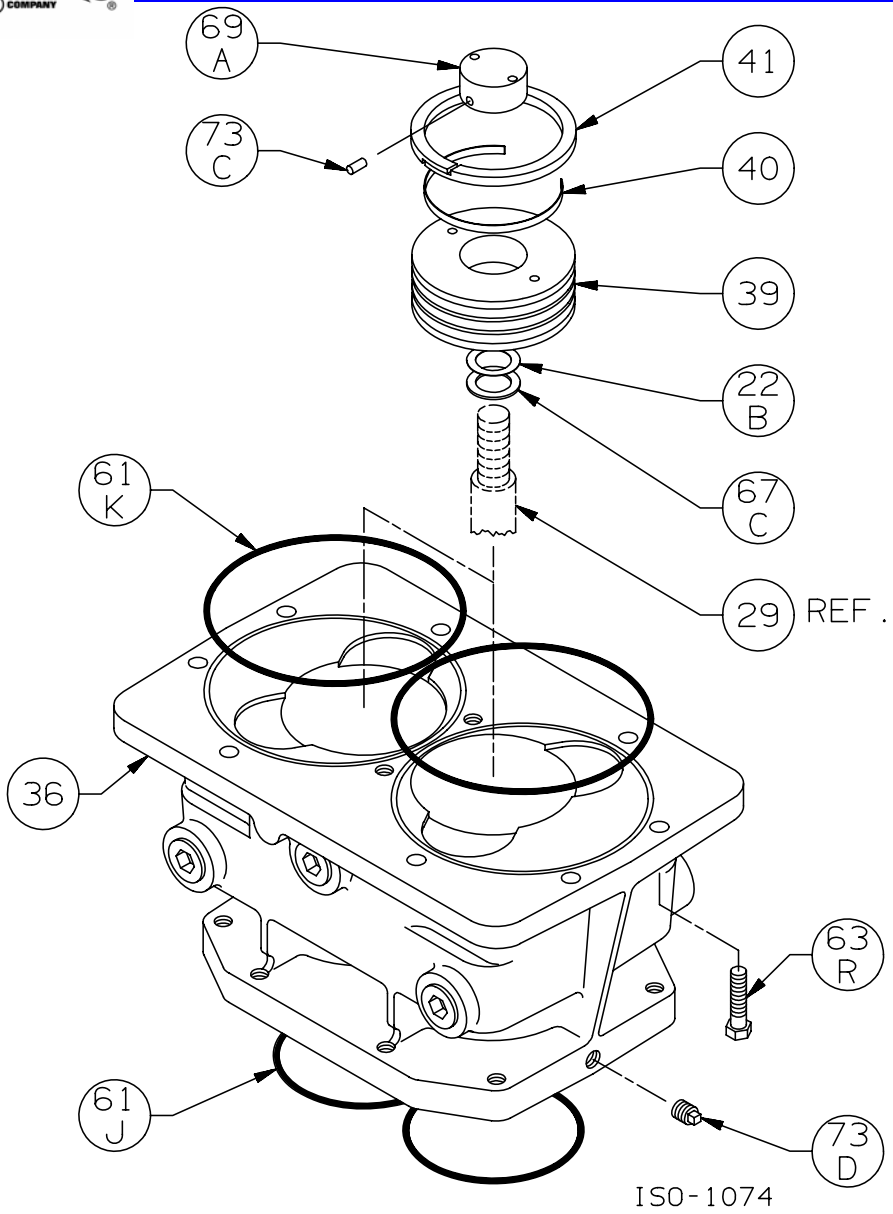
Packing Assembly:
HD602C, HDL602C, HDL642C, HD612C, HDL612C

Ref	Description	Qty	Part No
9B	Packing Spring	4	794041
35A	Retainer Ring	6	794080
35B	Packing Box	2	794445
	TNT-12		794463
35C	Packing Set	4	794498
37	S3R Seal	2	794456
37A	Seal Cup	2	794455
	TNT-12		794462
37B	Seal Cup Cover	2	794454
62A	O-ring (Buna-N)	2	792311
	O-Ring (FKM) *		792313
	O-Ring (PTFE) *		792312
	O-Ring (Neoprene) *		792314
	O-Ring (Ethylene Propylene) *		792320
63K	Capscrew – Socket Head	16	794460
63L	Capscrew – Socket Head	4	794461
67A	Washer - Packing Box	10	794084
102	Packing Installation Tool	1	790538

* Included in gasket sets.

Refer to the Compressor IOM for proper orientation of components.





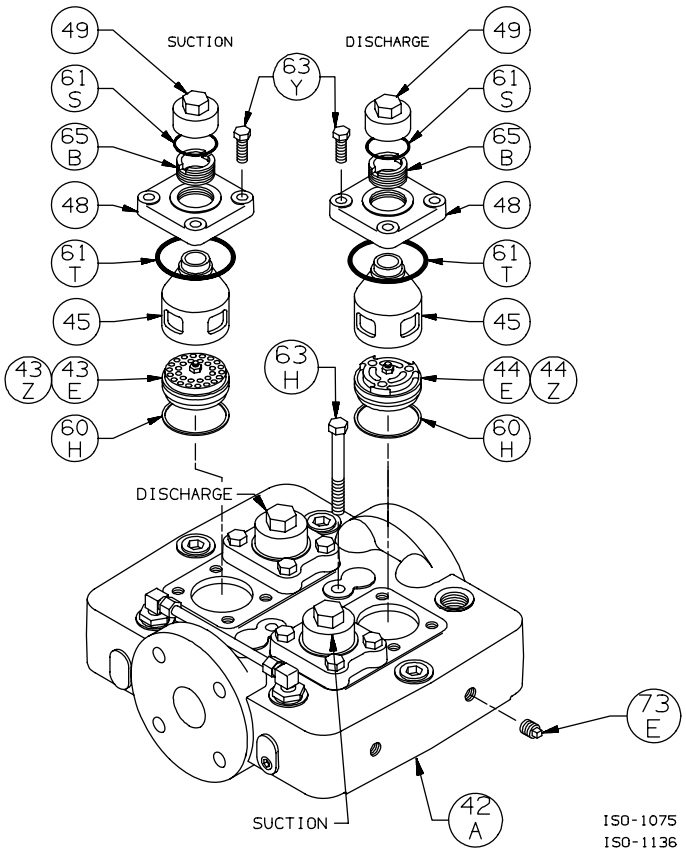
Cylinder Assembly: HDL602C|B, HDL603C|B

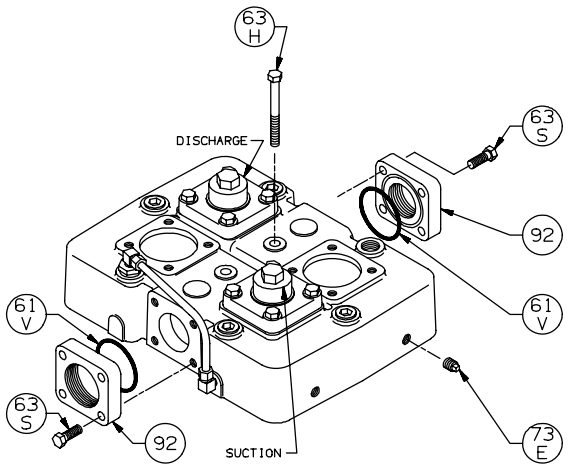
ISO1074

Ref	Description	Qty	Part No
22B	Piston Shim - 0.015	AR	794434
	Piston Shim - 0.007	AR	794436
36	Cylinder	1	794503
	Cylinder TNT-12		792876
39	Piston	2	794431
	Piston TNT-12		792833
40	Expander	6	793614
41	Piston Ring - Std	6	793610
	Piston Ring - Poly Filled		793612
61J	O-Ring (Buna N) Std *	2	794126
	O-Ring (FKM) *		794214
	O-Ring (PTFE) *		794125
	O-Ring (Neoprene) *		794142
	O-Ring (Ethylene Propylene) *		794210

Ref	Description	Qty	Part No
61K	O-Ring (Buna N) Std *	2	794104
	O-Ring (FKM) *		794106
	O-Ring (PTFE) *		794105
	O-Ring (Neoprene) *		794108
	O-Ring (Ethylene Propylene) *		794110
63R	Capscrew - Hex Hd	8	794097
67C	Thrust Washer	2	794433
69A	Piston Nut	2	794422
	Piston Nut TNT-12		792834
73C	Lock Plug *	4	794222
73D	Pipe Plug	1	793498

* Included in Gasket Sets





Head style used on units built prior to Jan. 1998. Replaced by the ANSI flanged head shown at left.

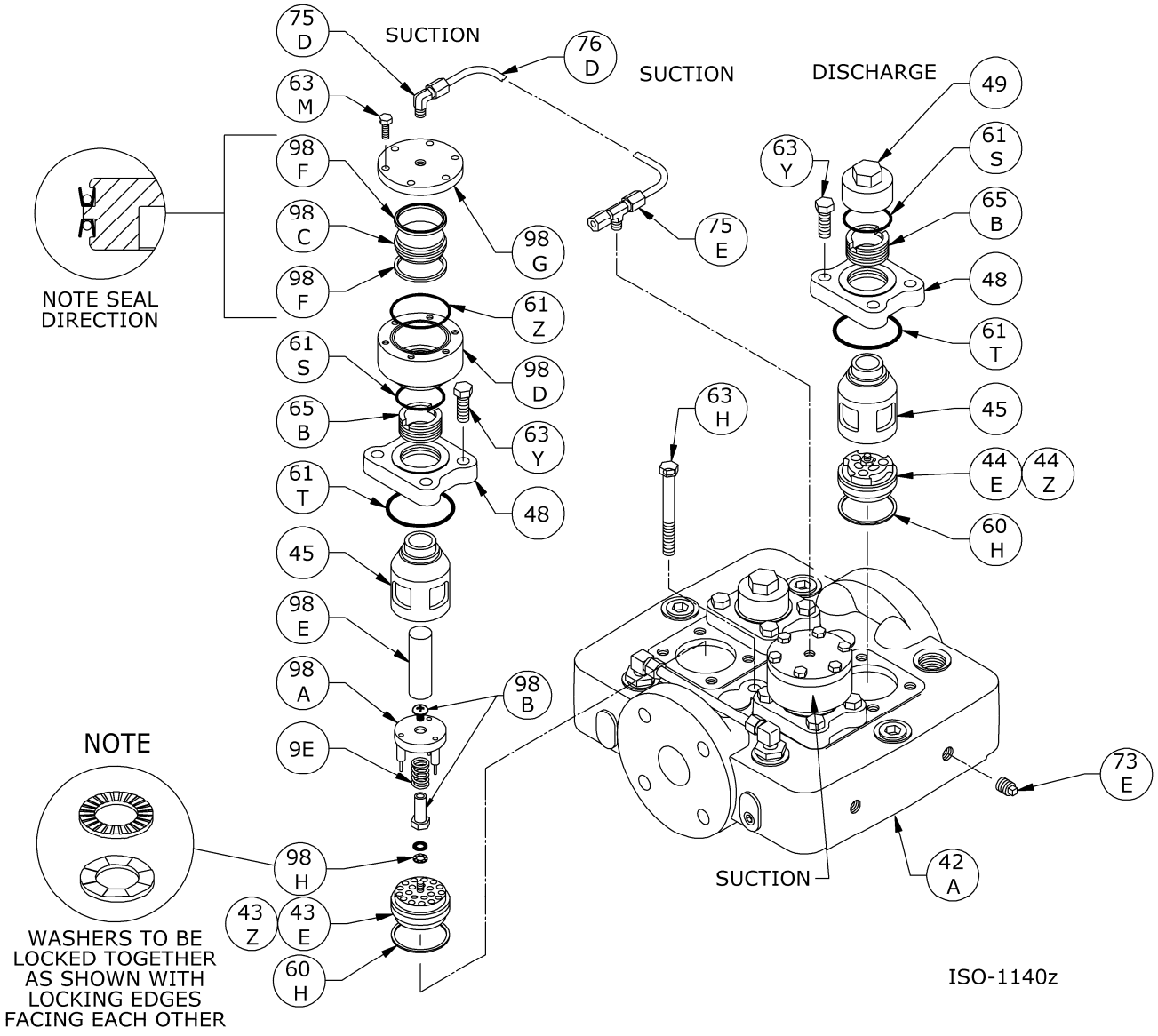
Head Assembly: HDL602C|B, HDL603C|B

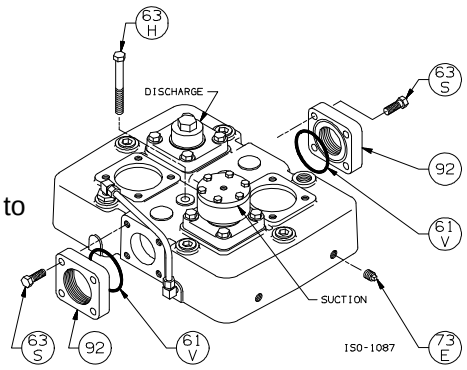
ISO1075

Ref	Description	Qty	Part No
42A	Head	1	794504
	Head TNT-12		792877
43E	Suction Valve Assembly	2	793659
	Suction Valve Assembly TNT-12		792872
	Suction Valve Assembly, Stainless Steel		793629
43Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793629		793630
44E	Discharge Valve Assembly	2	793679
	Discharge Valve Assembly TNT-12		792873
	Discharge Valve Assy, Stainless Steel		793649
44Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793649		793650
45	Cage	4	794620
	Cage TNT-12		792835
48	Valve Cover Plate	4	794284
	Valve Cover Plate TNT-12		792817
49	Valve Cap	4	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	4	794198
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
61T	O-Ring (Buna-N) Std *	4	792112
	O-Ring (FKM) *		792213
	O-Ring (PTFE) *		792210
	O-Ring (Neoprene) *		792110
	O-Ring (Ethylene Propylene) *		792206
61V	O-Ring (Buna-N) Std *	2	792412
	O-Ring (FKM) *		792413
	O-Ring (PTFE) *		792414
	O-Ring (Neoprene) *		792410
	O-Ring (Ethylene Propylene) *		792411
63H	Capscrew - Hex Hd	2	794115
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-Inlet (2 NPT) Std	1	794117
	Flange-Inlet (2 NPT) TNT-12		792837
	Flange-Outlet (1.5 NPT) Std	1	794116
	Flange-Outlet (1.5 NPT) TNT-12		792836
	Flange (1.25 NPT)		794118
	Flange (1.25 NPT) TNT-12		792866

* Included in Gasket Sets





Head style used on units built prior to Jan. 1998. Replaced by the ANSI flanged head shown at left.

Head Assembly with Unloaders: HDL602C|B, HDL603C|B,

OVER.....

Head Assembly with Unloaders: HDL602C|B, HDL603C|B

Ref	Description	Qty	Part No
9E	Unloader Spring	2	793293
42A	Head	1	794502
	Head TNT-12		792877
43E	Suction Valve Assembly	2	793659
	Suction Valve Assembly TNT-12		792872
	Suction Valve Assy, Stainless Steel		793629
43Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793629		793630
44E	Discharge Valve Assembly	2	793679
	Discharge Valve Assembly TNT-12		792873
	Discharge Valve Assy, Stainless Steel		793649
44Z	Valve Repair Kit - For 793659/793679		793660
	Valve Repair Kit - For 793649		793650
45	Cage	4	794620
	Cage TNT-12		792835
48	Valve Cover Plate	4	794284
	Valve Cover Plate TNT-12		792817
49	Valve Cap	2	792003
	Valve Cap TNT-12		792804
60H	Gasket - Valve *	4	794198
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 *	4	792112
	O-Ring (FKM) *		792213
	O-Ring (PTFE) *		792210
	O-Ring (Neoprene) *		792110
	O-Ring (Ethylene Propylene) *		792206
61V	O-Ring (Buna-N) Std *	2	792412
	O-Ring (FKM) *		792413
	O-Ring (PTFE) *		792414
	O-Ring (Neoprene) *		792410
	O-Ring (Ethylene Propylene) *		792411

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
63H	Capscrew - Hex Hd	2	794115
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-Inlet (2 NPT) Std	1	794117
	Flange-Inlet (2 NPT) TNT-12		792837
	Flange-Outlet (1.5 NPT) Std	1	794116
	Flange-Outlet (1.5 NPT) TNT-12		792836
	Flange (1.25 NPT)		794118
	Flange (1.25 NPT) TNT-12		792866
98A	Actuator Assembly	2	794296
	Actuator Assembly, for SS Valve		794298
98B	Unloader Post w/bolt [1]	2	793291
	Unloader Post w/bolt [1], for SS Vlv		794291
98C	Unloader Piston	2	793288
98D	Unloader Body	2	793286
98E	Unloader Plunger	2	794290
98F	Unloader Seal	4	792284
98G	Unloader Cap	2	793287
98H	Lockwasher (2 piece)	2	793473

* Included in Gasket Sets

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

Suggested Spare Parts for HD602C & HDL602C compressors:

Part #	Description	Qty./ Unit	Comm. Qty.	Spare Qty.
794597 794596 794595 794591 794588	Gasket Set - Buna-N Gasket Set - PTFE * Gasket Set - FKM * Gasket Set - Neoprene * Gasket Set - Ethylene Propylene *	1	1	1
793660 793630	Suction Valve Repair Kit - PEEK Suction Valve Repair Kit - Stainless Steel *	2		2
793660 793650	Discharge Valve Repair Kit - PEEK Discharge Valve Repair Kit - Stainless Steel *	2		2
792284	Unloader Seal *	4		4
793610 793612	Piston Ring - Standard Piston Ring - Poly Filled *	6	6	6
793614	Piston Ring Expander	6	6	6
794498	Packing Set	4	4	4
790538	Packing Installation Tool	1	1	1
794726	Oil Filter	1		6
794727	Wrist Pin	2		2
794776	Wrist Pin Roller Bearing	4	4	4
794710	Conrod Bearing	2	2	2
The following parts would normally be required only for major compressor overhaul.				
794730	Inboard Bearing Cone	1		1
794731	Inboard Bearing Cup	1		1
794130	Outboard Bearing Cone	1		1
794131	Outboard Bearing Cup	1		1
794432	Crosshead Assembly	2		2
794456	S3R Seal	2		2
794767	Conrod Assembly	2		
794760	Oil Pump Repair Kit	1		
794708	Crankshaft Assembly	1		
794733	Bearing Adjustment Shim Kit	1		
794103 792831 794503 792876	Cylinder (HD602C) TNT-12 Treated Cyl. (HD602C) * Cylinder (HDL602C) TNT-12 Treated Cyl. (HDL602C) *	1 1		

* Optional Equipment on New Compressors

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