

Lewis Brothers Mfg. **Model HK and DB** **Parts Book**

Manufactured by: **LEWIS BROTHERS MANUFACTURING, INC.**

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HK-DB- 10-21-2021



Model #DB-1 Dump Body



Model #DB-2 Dump Body



Model #DB-2LP Dump Body



Model # DB-4 Dump Body



Model # 2 Housekeeper



Model # 2 Housekeeper



Model # 3 Housekeeper



Model # 3.5 Housekeeper



Model # 4 Housekeeper



Model # 5 Housekeeper



Model # 5 LP Housekeeper

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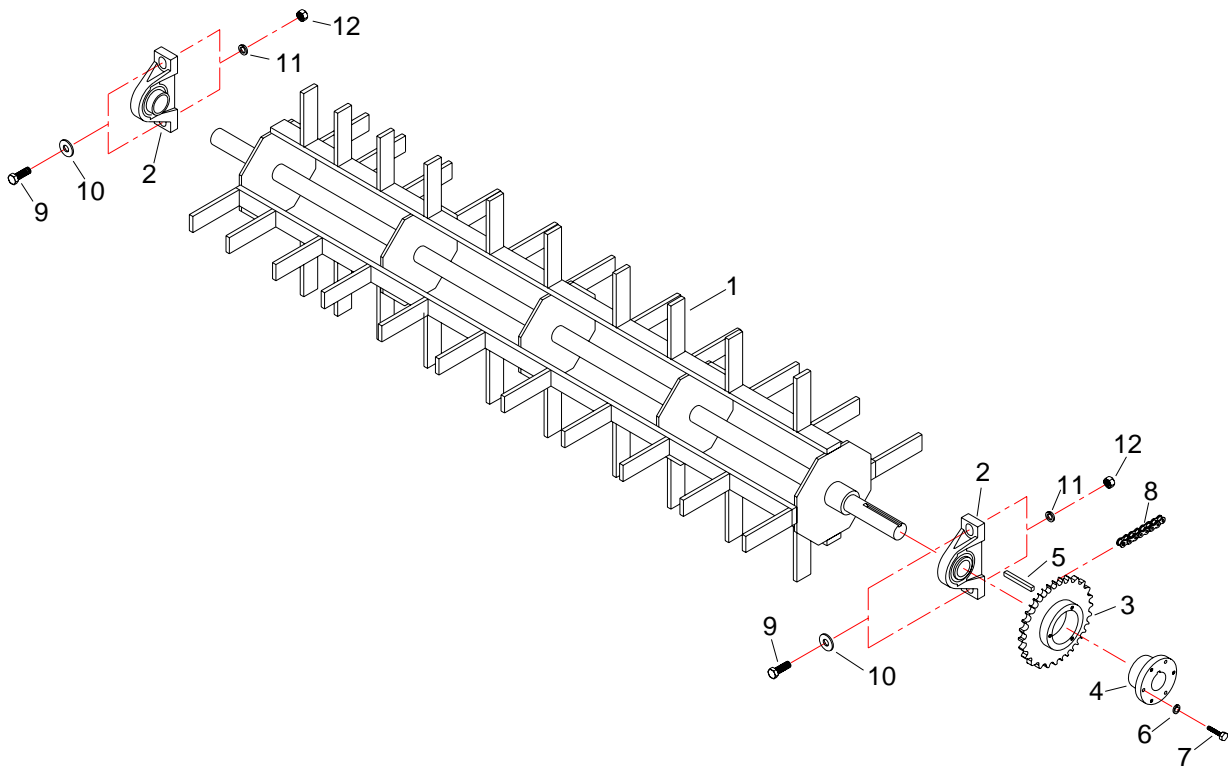
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Cylinder Reel Assembly

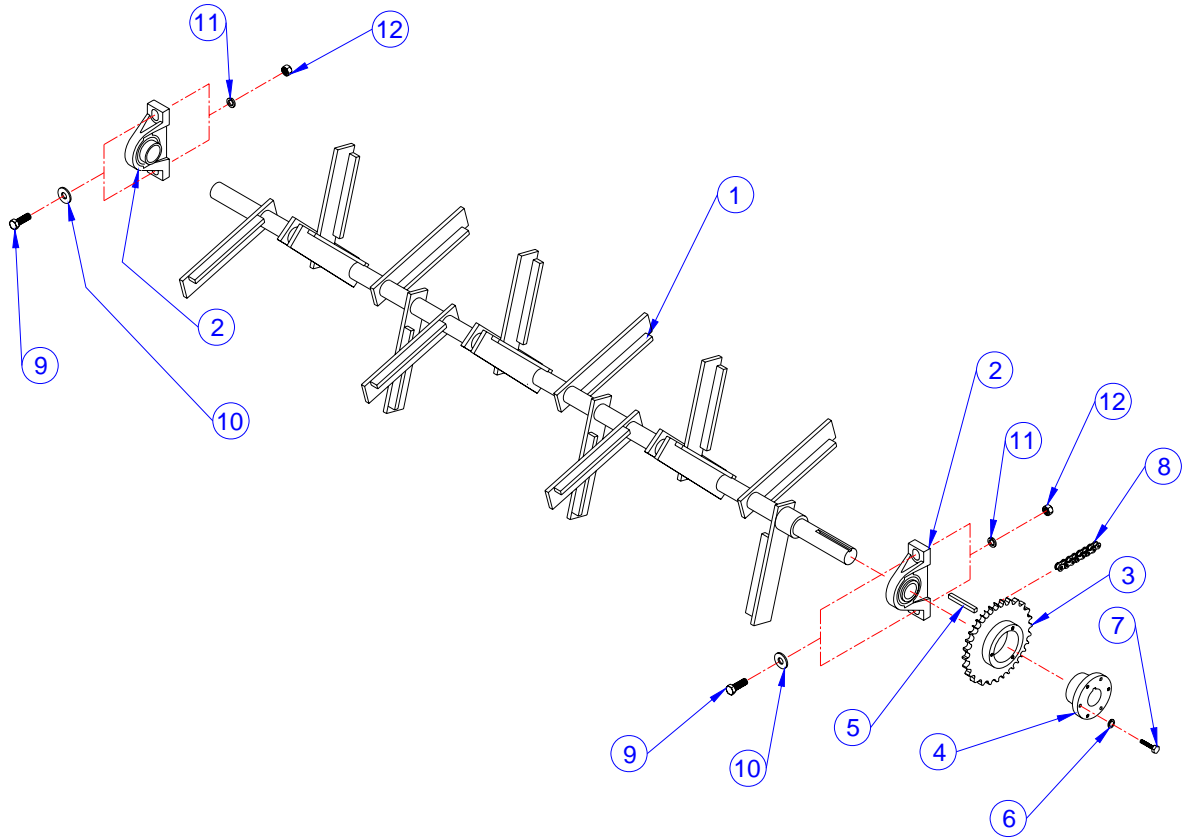
Fit Machines, HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB2, DB2LP, DB-4
Serial #7553and Before



ITEM	PART #	DESCRIPTION
1	N/A	Cylinder Reel REPLACED BY HK-101961
2	HK-100429	Bearing
3	HK-100448	Sprocket
4	HK-100447	Bushing
5	HK-100496	Key 5/16 x 5/16 x 2-1/2
6	HW-335202Z	Washer, Lock, 5/16
7	HW-202108G8C	Bolt, Hex, 5/16-18NC x 1-1/2 GR8
8	HK-100445	Chain
9	HW-208112G5Z	Bolt, ZP, 1/2-13NC x 2, GR5
10	HW-325208Z	Washer, Flat, 1/2
11	HW-335208Z	Washer, Lock, 1/2
12	HW-300208ZG5	Nut, Hex, 1/2-13NC
13	HK-101320	OFFSET LINK NOT SHOWN
14	HK-101270	CONNECTING LINK NOT SHOWN
	HK-101960	Cylinder Reel HK-101961 + Bearing HK-100429 qty 2

Cylinder Reel Assembly

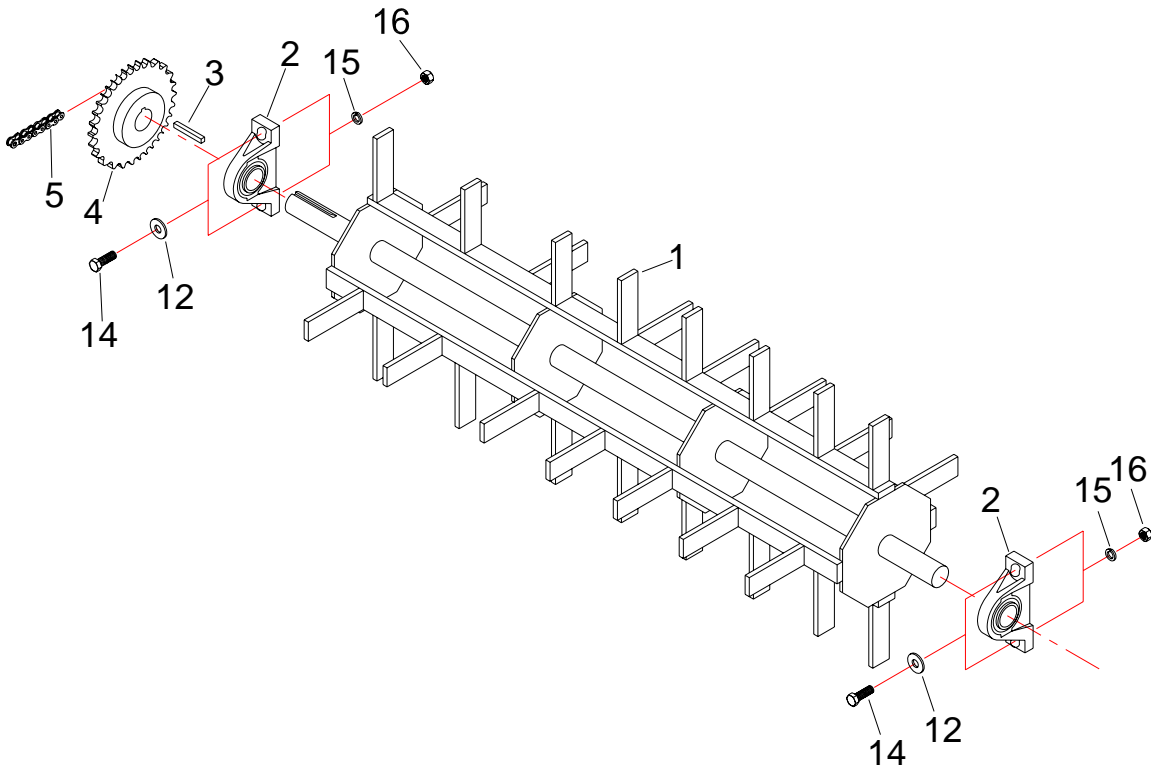
Fit Machines, HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB2, DB2LP, DB-4
 SERIAL # 7554 & UP



ITEM	PART #	DESCRIPTION
1	HK-101871	Cylinder Reel serial # 7554 up to 8016
1	HK-101920	Cylinder Reel serial # 8016 and up
2	HK-100429	Bearing(serial # 7554 up to 8016)shaft size 1-3/8Ø
2	HK-101911	Bearing(serial # 8016 and up)shaft size 1-1/2Ø
3	HK-100448	Sprocket
4	HK-100447	Bushing serial # 7554 up to 8016
4	WR-600099	Bushing serial # 8016 and up
5	HK-100496	Key 5/16 x 5/16 x 2-1/2 serial # 7554 up to 8016
5	HK-100500	Key 3/8 x 3/8 x 2-1/2 serial # 8016 and up
6	HW-335202Z	Washer, Lock, 5/16
7	HW-202108G8C	Bolt, Hex, 5/16-18NC x 1-1/2 GR8
8	HK-100445	Chain
9	HW-208112G5Z	Bolt, ZP, 1/2-13NC x 2, GR5
10	HW-325208Z	Washer, Flat, 1/2
11	HW-335208Z	Washer, Lock, 1/2
12	HW-300208ZG5	Nut, Hex, 1/2-13NC
13	HK-101320	OFFSET LINK NOT SHOWN
14	HK-101270	CONNECTING LINK NOT SHOWN

Cylinder Reel Assembly

Fit Machines HK-2, HK-3

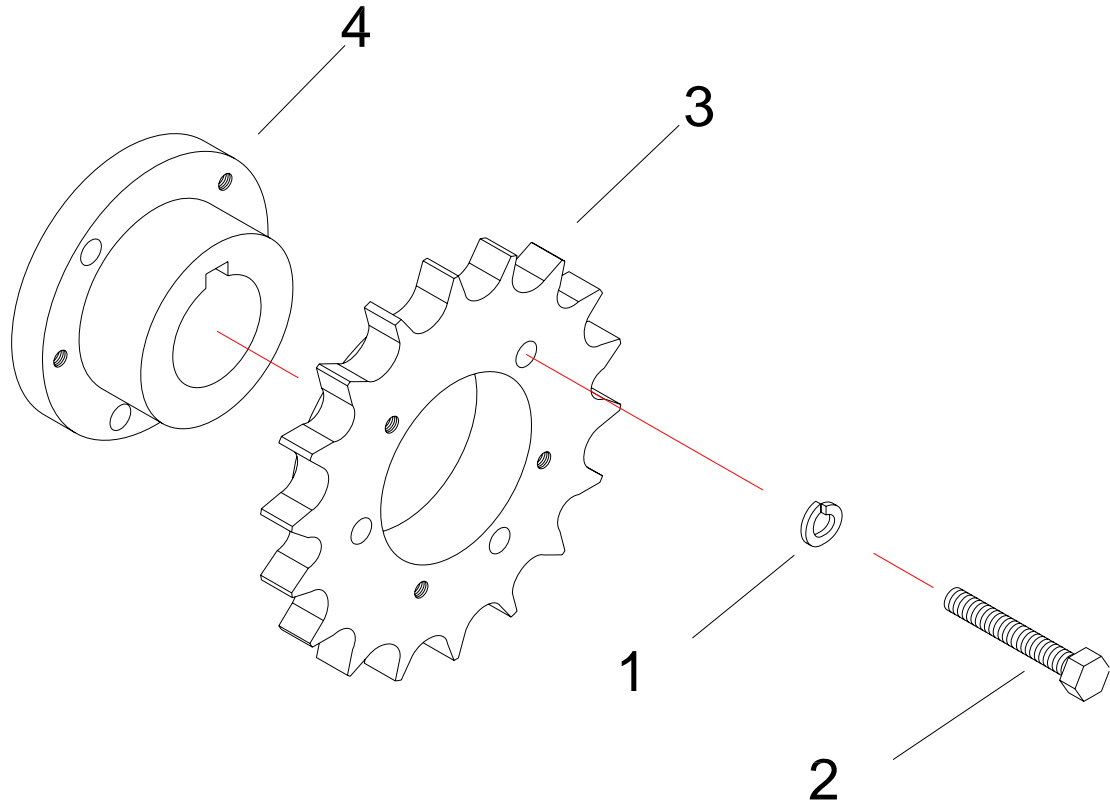


ITEM	PART #	DESCRIPTION
1	HK-100386	Cylinder Reel
2	HK-100389	Bearing
3	HK-100495	Key, 1/4 x 1/4 x 2-1/2
4	HK-100388	Sprocket
5	HK-100445	Chain
12	HW-325208Z	Washer, Flat,ZP,1/2
14	HW-208112G5Z	Bolt, HH, ZP, 1/2-13NC x 2, gr5
15	HW-335208Z	Washer, Lock, ZP, 1/2
16	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5
17	HK-101270	CONNECTING LINK NOT SHOWN
18	HK-101320	OFFSET LINK NOT SHOWN

NOTE: SEE PAGE 16 FOR IDLER

Cylinder Motor Drive Sprocket

Fit Machine (Cylinder Motor HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4)

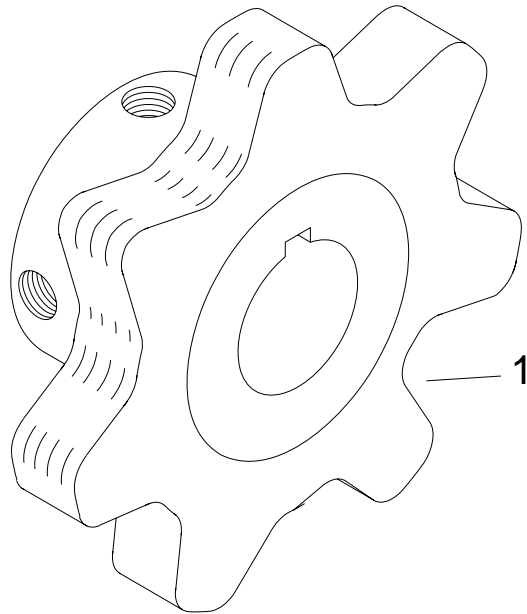


ITEM	PART #	DESCRIPTION
1	HW-335200Z	Washer , Lock 1/4"
2	HW-200108G8BXF	Bolt, 1/4-20NC x 1-1/2
3	HK-101317	Sprocket (60SH 18H)
4	HK-101318	Taper Bushing

NOTE: HK-4 AND HK-3.5 WITH ADJUSTABLE OIL TANK AND HK-2 AND HK3
SEE PAGES 107 AND 105

Unloading Motor Drive Sprocket

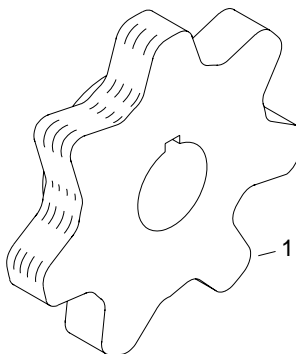
Fit Machine Unloading Motor HK-2



ITEM	PART#	DESCRIPTION
1	HK-100433	Sprocket

Unloading Motor Drive Sprocket

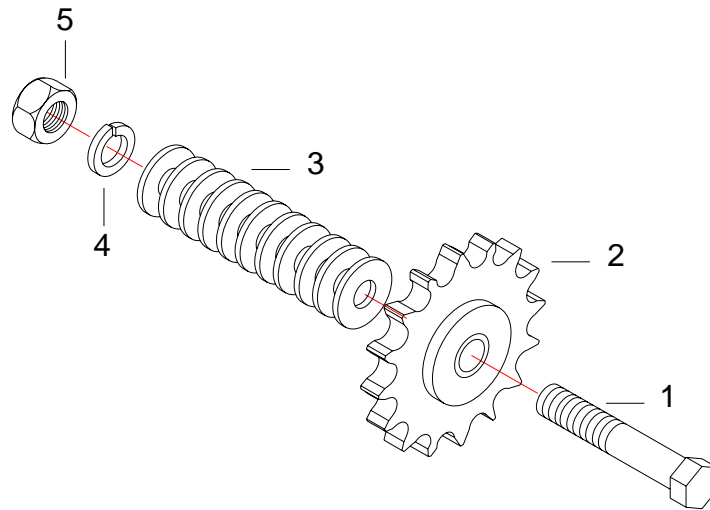
Fit Machine Unloading Motor HK-3, HK-3.5, HK-4, HK-5LP, HK-5



ITEM	PART #	DESCRIPTION
1	HK-100465	Sprocket

Cylinder Drive Chain Idler Sprocket

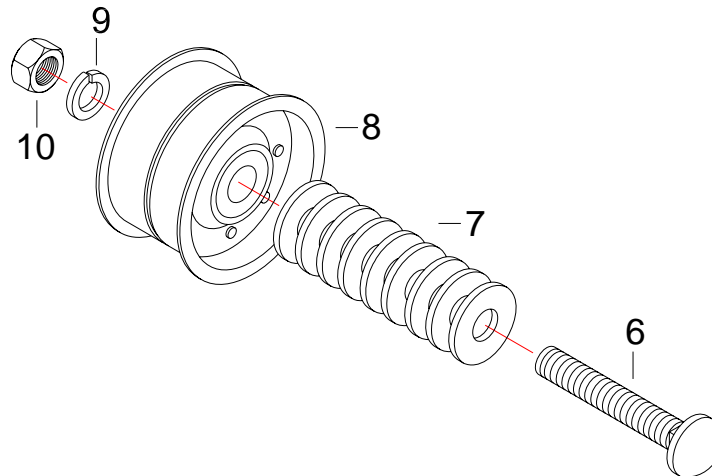
Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5LP, HK-5 DB-1, DB-2, DB-2LP
& DB-4



1	HW-212124G5Z	BOLT, HH, ZP, 5/8-11NC X 3-1/2, GR5
2	HK-100493	IDLER
3	HW-325212Z	WASHER, FLAT, 5/8 ZP
4	HW-335212Z	WASHER, LOCK, 5/8, ZP
5	HW-300212ZG5	NUT, HEX, GR5, 5/8-11 NC, ZP

Unloading Drive Chain Idler

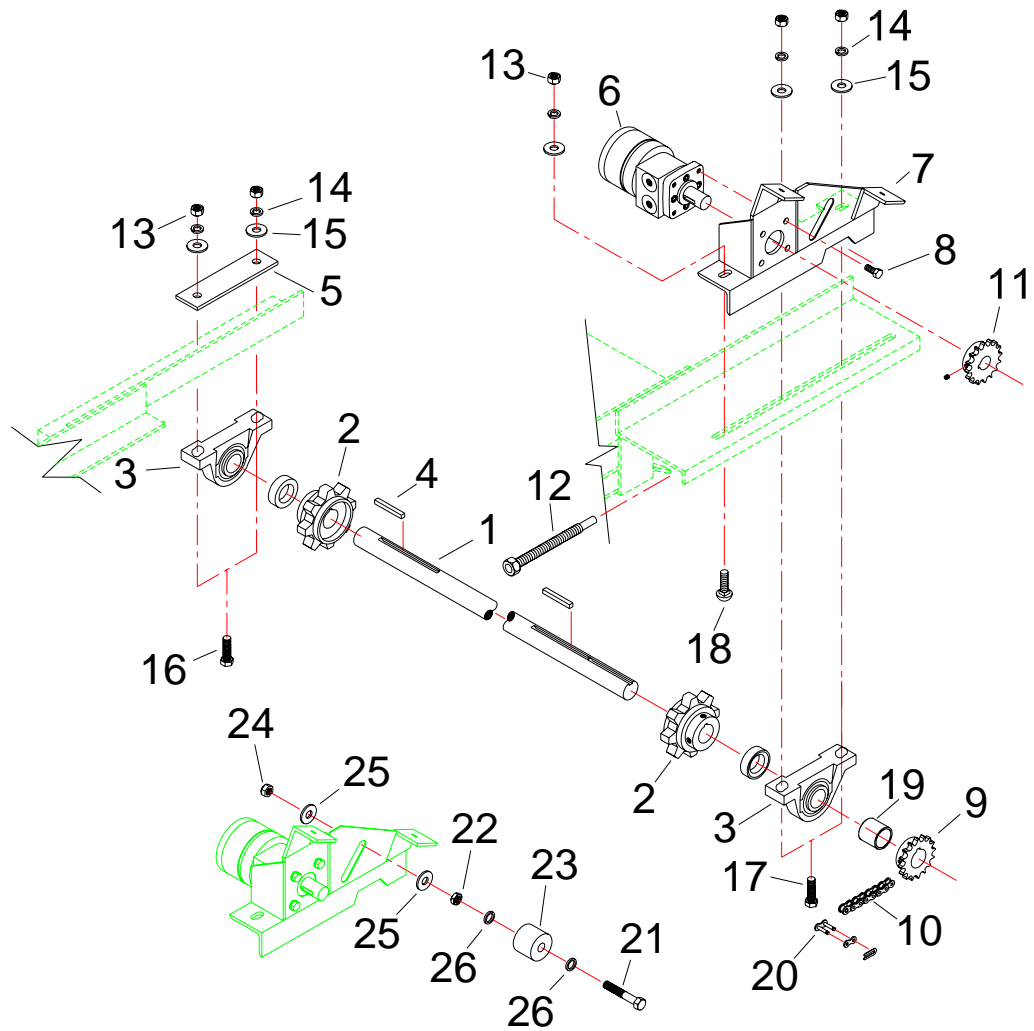
Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5LP, HK-5



6	HW-808120G5Z	BOLT, CRG, ZP, 1/2-13NC X 3
7	HW-325208Z	WASHER, FLAT, 1/2, ZP
8	HK-101295	IDLER
9	HW-335208Z	WASHER, LOCK, 1/2 ZP
10	HW-300208ZG5	NUT, HEX, 1/2-13NC, ZP

Top Loading Shaft

Fit Machines HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4



Top Loading Shaft

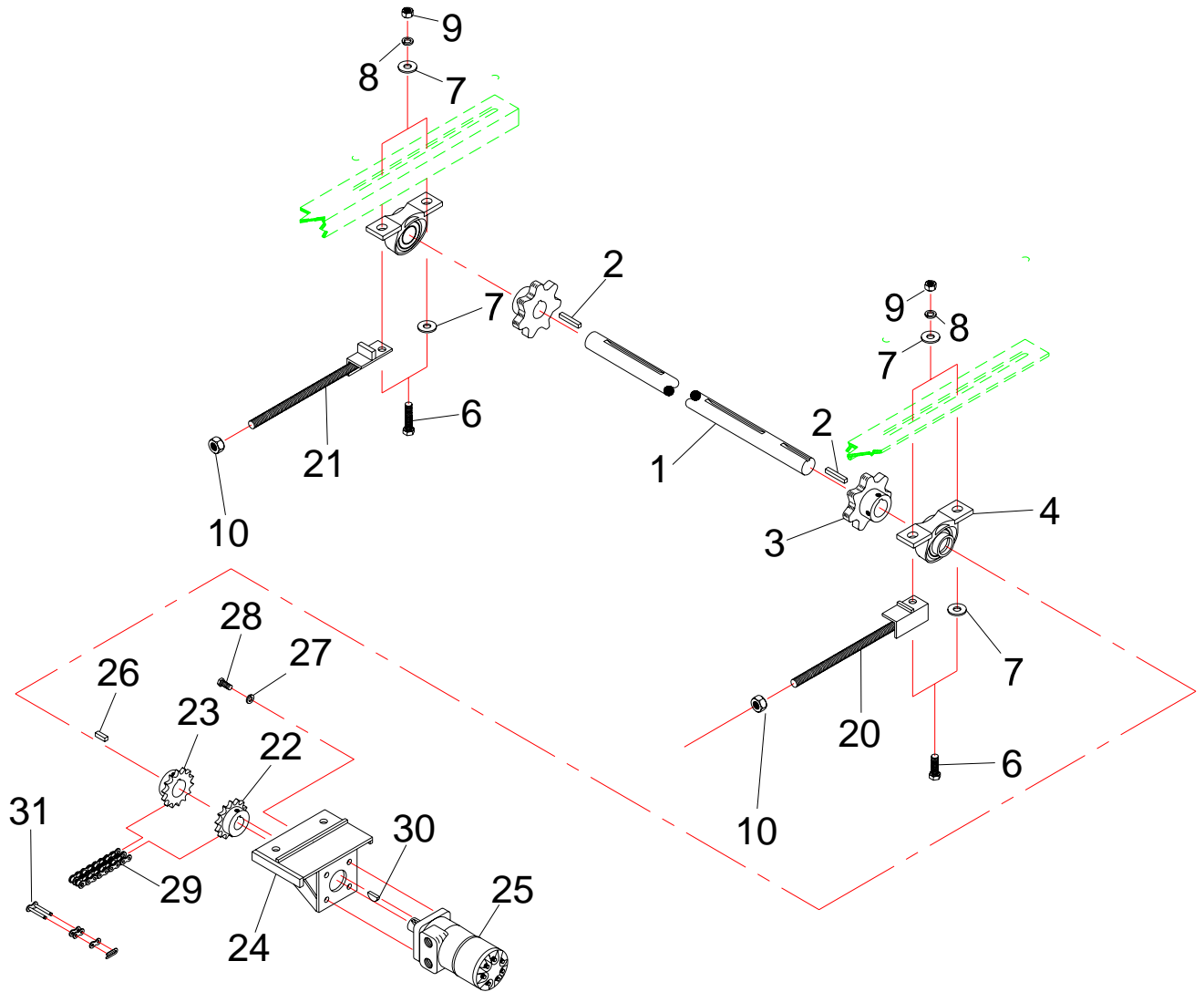
Fit Machines HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4

ITEM	PART #	DESCRIPTION
1	05-101026	Shaft, Top Loading
1	HK-102029	Shaft, Top loading (Start with Serial# 9419)
2	HK-101660	Sprocket, w/Angular Ring (After Serial # 5467)
2	Hk-100426	Sprocket (Before Serial # 5468)
3	HK-100429	Bearing
4	HK-100496	Key 5/16 x 5/16 x 2-1/2
5	05-100836	Slide
6	HK-100481	Hydraulic Motor (See Page 110-111)
7	05-100840	Loading Motor Mount
7	Hk-1022025	Loading Motor Mount (Start with Serial # 9419)
8	HW-204103G5Z	Bolt, Hex, ZP, 3/8-16NC x 7/8
9	HK-101559	Sprocket (14 Tooth)
9	HK-101230	Sprocket (12 Tooth Replaced By # HK-101559)
10	05-100831	Chain (33 Pitches) HK-3.5, HK-4, HK-5, HK-5LP, DB2, DB2LP, DB-4
10	HK-101229	Chain (31 Pitches) DB-1
11	05-100832	Sprocket
12	05-101156	Adjustment Rod
13	HW-300208ZG5	Nut, Hex, 1/2-13NC
14	HW-335208Z	Washer, Lock, 1/2"
15	HW-325208Z	Washer, Flat, 1/2"
16	HW-208112G5Z	Bolt, Hex, 1/2-13NC x 2
17	HW-208114G5Z	Bolt, Hex, 1/2-13NC x 2-1/4
18	HW-808108G5Z	Bolt Carriage, ZP, 1/2-13NC x 1-1/2
19	HK-100564	Spacer
19	Hk-102031	Spacer (Start with Serial # 9419)
20	HK-101270	Connecting Link
21	HW-212120G5Z	Bolt, Hex, ZP, 5/8-11NC x 3, GR5 (After Serial # 6341)
22	HW-300212ZG5J	Nut, Jam, 5/8-11NC (After Serial # 6341)
23	HK-101783	Loading Motor Idler Wheel (After Serial # 6341)
24	HW-301212NEZ	Lock, Nut, Nylon, 5/8-11NC (After Serial # 6341)
25	HW-325212Z	Washer, Flat, ZP, 5/8 (After Serial # 6341)
26	HK-100961	Shim (After Serial # 6341)

NOTE: 12 Tooth Sprocket on DB-1

Loading Assembly

Serial # 3616 and Before
Fit Machines HK-3.5, HK-4



Loading Assembly

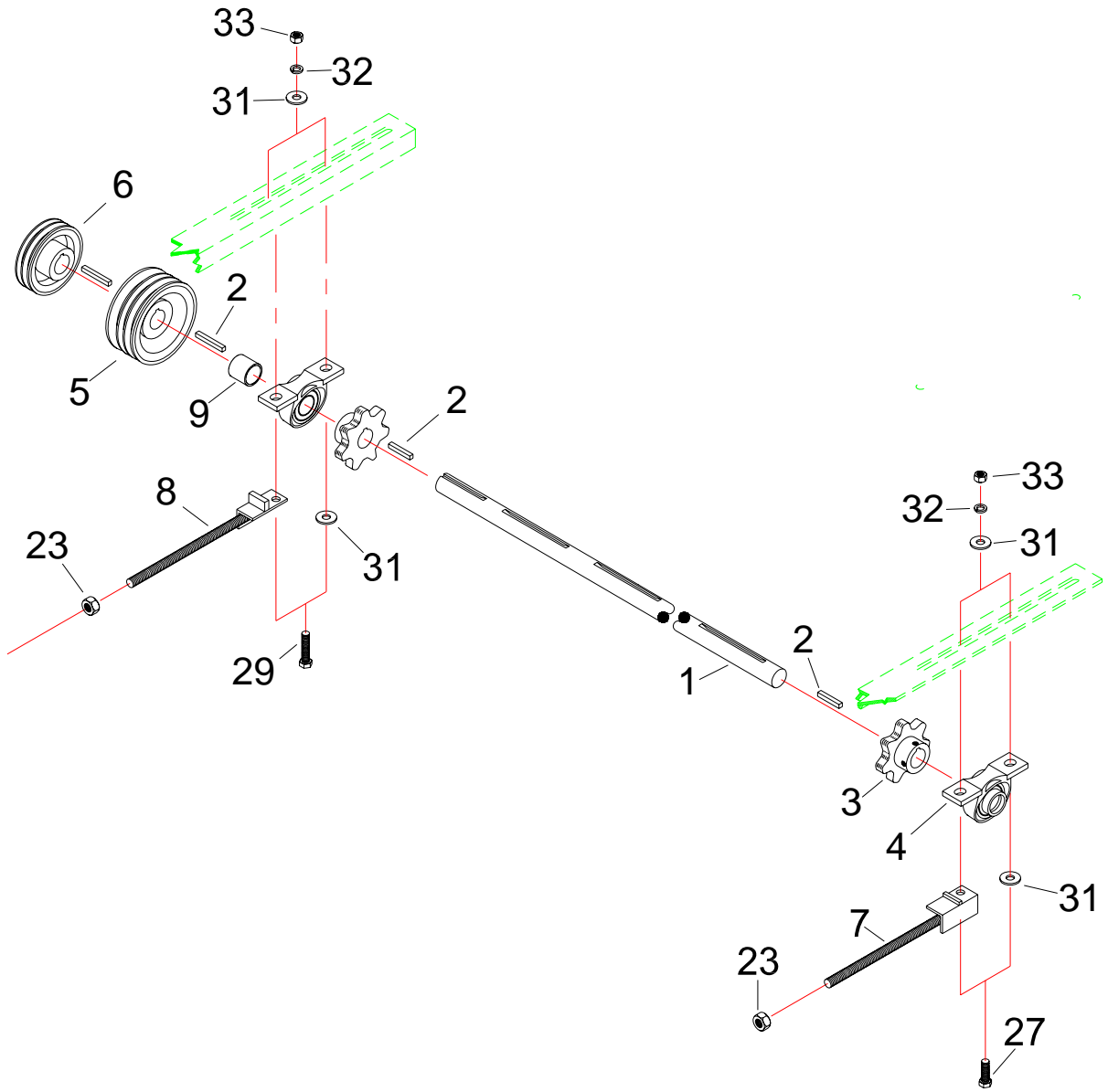
Serial # 3616 and Before
Fit Machines HK-3.5, HK-4

ITEM	PART #	DESCRIPTION
1	HK-100478	Loading Shaft
2	HK-100498	Key 5/16 x 5/16 x 3-1/2
3	HK-100426	Sprocket (2 used)
4	HK-100429	Bearing
6	HW-208116G5Z	Bolt, HH, ZP, 1/2-13NC x 2-1/2, gr5
7	HW-325208Z	Washer, Flat, ZP, 1/2
8	HW-335208Z	Washer, Lock, Zp, 1/2
9	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5
10	HW-300212ZG5	Nut, ZP, 5/8-11NC
20	HK-100582	Loading Adjustment Rod (L.H.)
21	HK-100581	Loading Adjustment Rod (R.H.)
22	HK-100480	Sprocket, Loading Motor
23	HK-100479	Sprocket, Loading Shaft Drive
24	HK-100590	Loading Motor Mount
25	HK-100481	Hydraulic Motor, Loading (See Page 110-111)
26	HK-100497	Key, 5/16 x 5/16 x 1
27	001-1252	Washer, Lock, 3/8, ZP
28	HW-204103G5Z	Bolt, HH, ZP, 3/8-16NC x 7/8, gr5
29	HK-100482	Coupling Chain
30	HK-101659	Woodruff Key (1" Ø X 1/4" Wide)
31	Lvhk1011008c	Connecting Link

Orientation: Standing Behind Machine Looking straight Ahead.

Standard Top Loading Shaft Assembly

Fit Machine HK-2, HK-3



Standard Top Loading Shaft Assembly

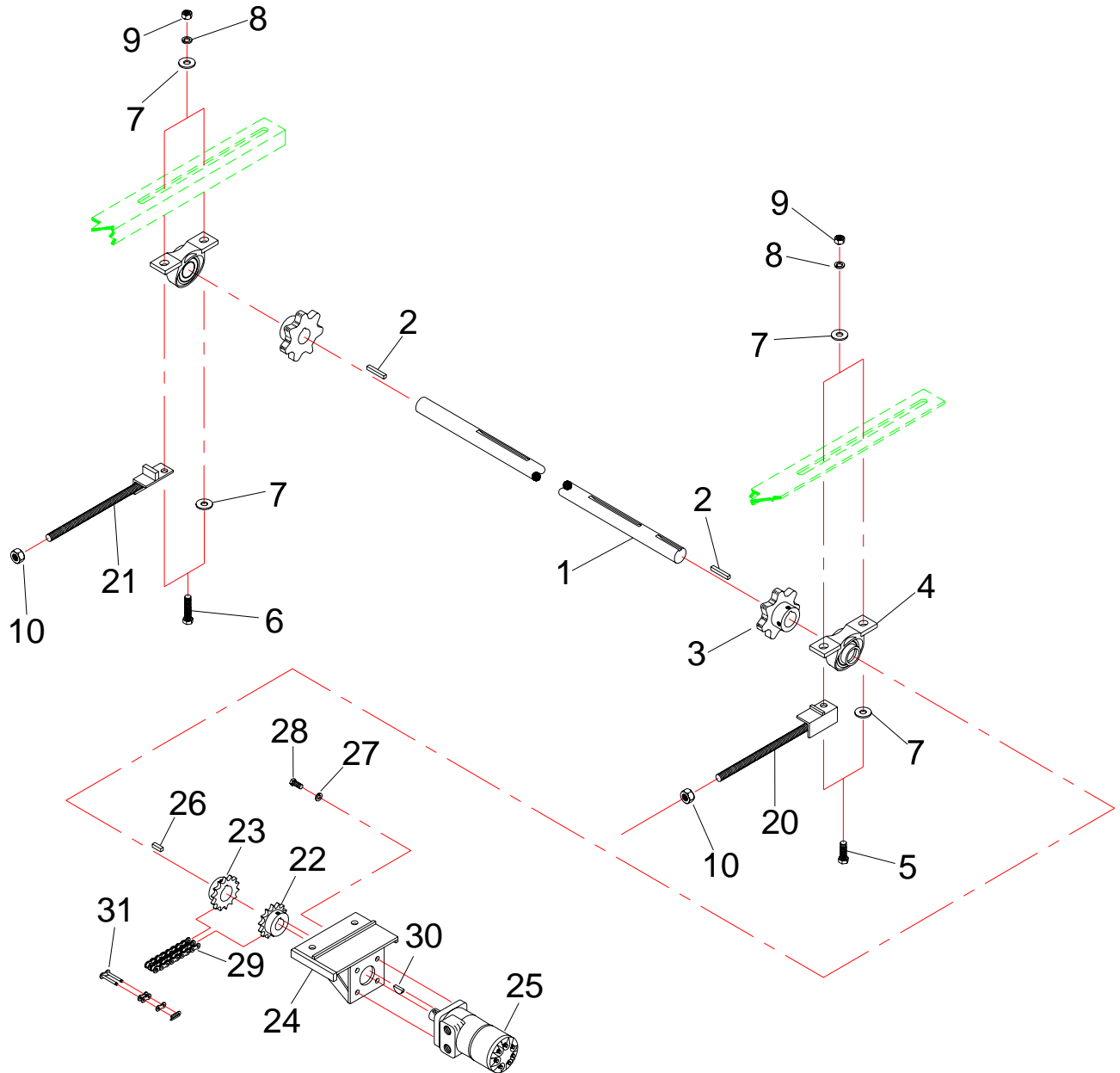
Fit Machine HK-2, HK-3

ITEM	PART #	DESCRIPTION
1	HK-100425	Loading Shaft
2	HK-100496	Key 5/16 x 5/16 x 2-1/2
3	HK-101660	Sprocket (After Serial # 5467) (2 used)
3	Hk-100426	Sprocket (Before Serial # 5468) (2 used)
4	HK-100429	Bearing
5	HK-100428	Pulley
6	HK-100427	Pulley
7	HK-100573	Loading Adjustment Rod (L.H.)
8	HK-100572	Loading Adjustment Rod (R.H.)
9	HK-100564	Spacer
23	HW-300212ZG5	Nut, ZP, 5/8-11NC, gr5
27	HW-208112G5Z	Bolt, HH, ZP, 1/2-13NC x 2, gr5
29	HW-208116G5Z	Bolt, HH, ZP, 1/2-13NC x 2-1/2, gr5
31	HW-325208Z	Washer, Flat, 1/2, ZP
32	HW-335208Z	Washer, Lock, 1/2, ZP
33	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5

Orientation: Standing Behind Machine Looking straight Ahead.

Hydraulic Top Loading Assembly

Fit Machine HK-2, HK-3



Hydraulic Top Loading Assembly

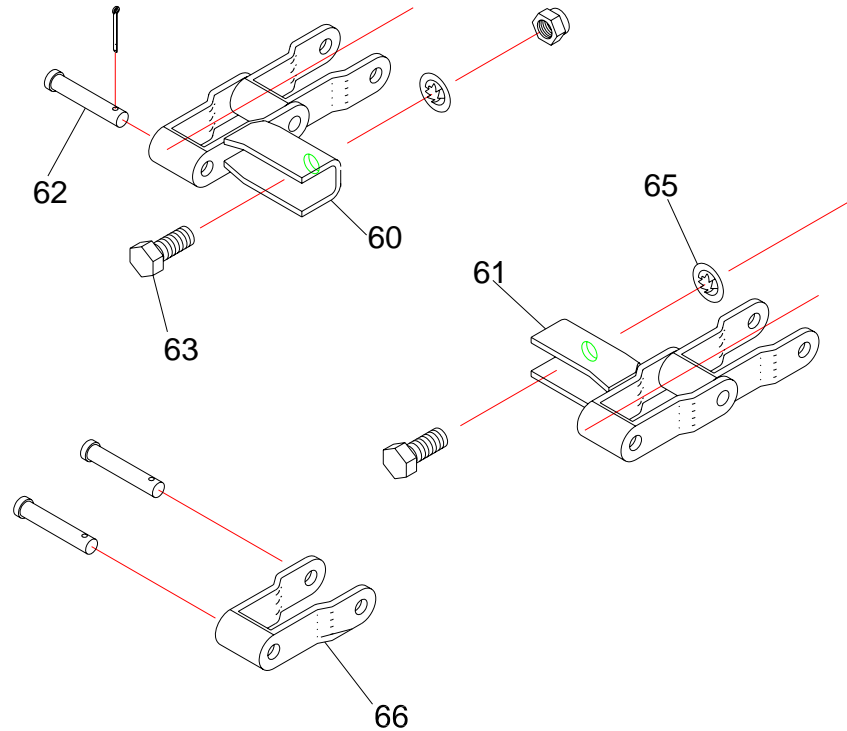
Fit Machine HK-2, HK-3

ITEM	PART #	DESCRIPTION
1	HK-100511	Loading Shaft
2	HK-100496	Key 5/16 x 5/16 x 2-1/2
3	HK-101660	Sprocket (After Serial # 5467) (2 used)
3	HK-100426	Sprocket (Before Serial # 5468) (2 used)
4	HK-100429	Bearing
5	HW-208112G5Z	Bolt, HH, ZP, 1/2-13NC x 2, gr5
6	HW-208116G5Z	Bolt, HH, ZP, 1/2-13NC x 2-1/2, gr5
7	HW-325208Z	Washer, Flat, ZP, 1/2
8	HW-335208Z	Washer, Lock, Zp, 1/2
9	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5
10	HW-300212ZG5	Nut, ZP, 5/8-11NC
20	HK-100581	Loading Adjustment Rod (L.H.)
21	HK-100582	Loading Adjustment Rod (R.H.)
22	HK-100480	Sprocket, Loading Motor
23	HK-100479	Sprocket, Loading Shaft Drive
24	HK-100590	Loading Motor Mount
25	HK-100512	Hydraulic Motor, Loading (See Page 122-123)
26	HK-100497	Key, 5/16 x 5/16 x 1
27	HW-335204Z	Washer, Lock, 3/8, ZP
28	HW-204103G5Z	Bolt, HH, ZP, 3/8-16NC x 7/8, gr5
29	HK-100482	Coupling Chain
30	HK-101659	Woodruff Key (1" Ø X 1/4" Wide)
31	LVHK1011008C	Connecting Link

Orientation: Standing Behind Machine Looking straight Ahead.

Loading Chain

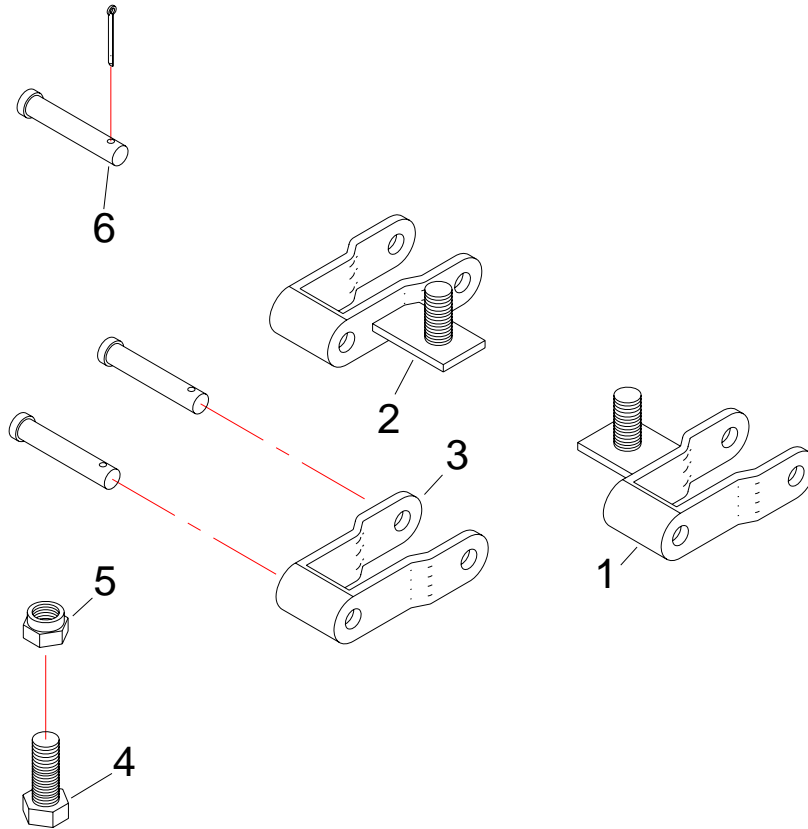
Orientation: Standing Behind Machine looking straight Ahead
Fit Machines HK-3.5, HK-4, HK-5, HK5LP, DB-1, DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
60	HW-100669	Bar Link (R.H.) (STD. Chain)
60	HK-101798	Bar Link (HD Chain) SERIAL #6586 up
61	HW-100670	Bar Link (L.H.) (STD. Chain)
61	HK-101798	Bar Link (HD Chain) SERIAL #6586 up
62	HK-101267	Pin (STD. Chain)
62	HK-101807	Pin (HD Chain) SERIAL #6586 up
63	HW-205104L9YZ	Bolt, 3/8-24 x 1, L9
64	HW-301205L9	Nut, Lock, 3/8-24, L9
65	HW-960080	Nut, Push, 3/8
66	HK-100661	Loading Chain Link with Pin (STD) Chain)
66	HK-101856	Loading Chain Link with Pin (HD Chain) SERIAL #6586 up
	HK-101516	(STD.) Loading Chain Complete with Bolts Item 60 and 61 (NOTE: HK3.5 , HK5 LP DB1,& DB2LP)
	HK-101494	(STD) Loading Chain Complete With Bolts(Item 60 and 61) (NOTE: HK4, HK5, DB2 & DB4)
	HK-101802	(HD) Loading Chain Complete With Bolts(Item 60 and 61) SERIAL #6586 up (NOTE 3.5 & HK-5LP & DB1 DB2LP)
	HK-101801	(HD) Loading Chain Complete With Bolts(Item 60 and 61) SERIAL #6586 up (NOTE: HK-4, HK5, DB2, DB4)

Loading Chain

**Orientation: Standing Behind Machine Looking straight Ahead
(HK-3.5, & HK-4, Up To Serial # 4305)
Fit Machines HK-2, HK-3**



ITEM	PART #	DESCRIPTION
1	HK-100662	Loading Chain Attach Link L.H.
2	HK-100663	Loading Chain Attach LINK R.H.
3	HK-100661	Loading Chain Link with Pin
4	HW-301205L9	Nut, Stover Collar
5	HW-205104L9YZ	Bolt, L9, (3/8-24NF x 1")
6	HK-101267	Pin

Loading Chain Complete with Bolt, Nut & Washer

Part # **HK-101801** Loading Chain Kit, Fit Machine # HK-4, HK-5, DB-2, DB-4
Serial 6586 & UP (HD Chain)

Part # **HK-101802** Loading Chain Kit, Fit Machines # HK-3.5, HK-5LP, & DB-1DB-2LP
Serial # 6586 & UP (HD Chain)

Part # **HK-101494** Loading Chain Kit Fit Machine # HK-4, HK-5, DB-2, DB-4
Serial # 4305 UP TO 6586

Part # **HK-101516** Loading Chain Kit Fit Machines # HK-3.5, HK-5LP, DB-1, DB-2LP
Serial # 4305 UP TO 6586

Part # **HK-101472** Loading Chain Kit Fit Machine # HK-4
UP TO Serial # 4305

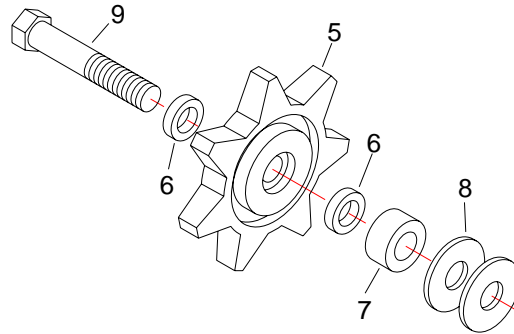
Part # **HK-101471** Loading Chain Kit Fit Machine # HK-3.5
UP TO Serial # 4305

Part # **HK-101348** Loading Chain Kit Fit Machine # HK-2, HK-3

Loading Conveyor Lower Idle Sprocket

(Fit Machine HK-3.5, HK-4, Serial # 2795 and Below)

Fit All HK-2, HK-3< DB-1 Machines



ITEM	PART #	DESCRIPTION
5	HK-100492	Idle Sprocket
6	HK-100491	Shim
7	HK-101088	Spacer
8	HW-325212Z	Washer, Flat, 5/8, ZP
9	HW-212132G5Z	Bolt, 5/8-11NC x 4-1/2 (HK-2)
9	HW-212120G5Z	Bolt, 5/8-11NC x 3 (HK-3, HK-4,)
10	HW-335212Z	Washer, Lock, 5/8, ZP Not Shown
11	HW-300212ZG5	Nut, Hex, 5/8-11NC, ZP Not Shown

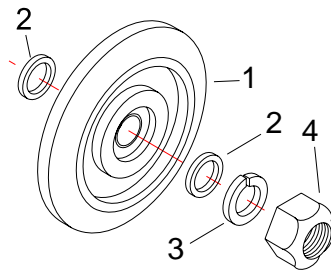
Idle Sprocket Assembly # HK-101544 Include Item (7,8,9,10,11)(HK-2 ONLY)

Idle Sprocket Assembly # HK-101546 Include Item (7,8,9,10,11)DB1

Loading Conveyor Lower Shaker Wheel

(Fit Machine HK-3.5, HK-4, Up To Serial # 4306)

Fit All HK-2, HK-3 Machines

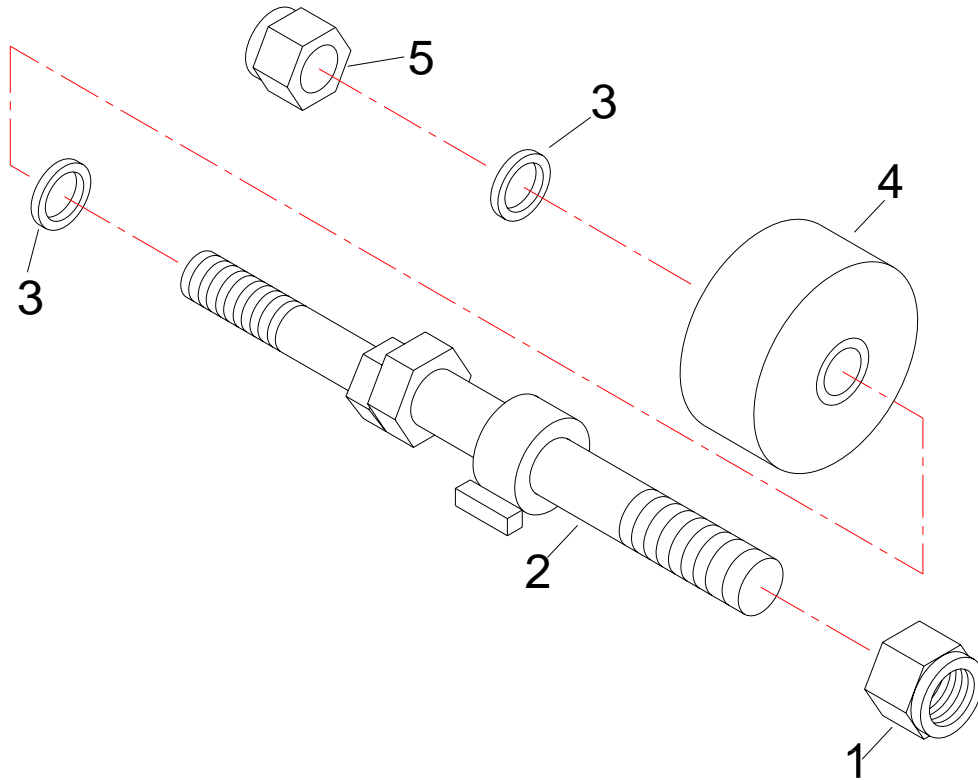


ITEM	PART #	DESCRIPTION
1	HK-101469	Shaker Wheel
2	HK-100961	Shim
3	HW-335212Z	Washer, Lock, 5/8, ZP
4	HW-300212ZG5	Nut, Hex, 5/8-11NC, ZP

Shaker Wheel Assembly

(Fit Machine HK-3.5, HK-4, HK-5, HK-5LP Serial # 4307 and Above)

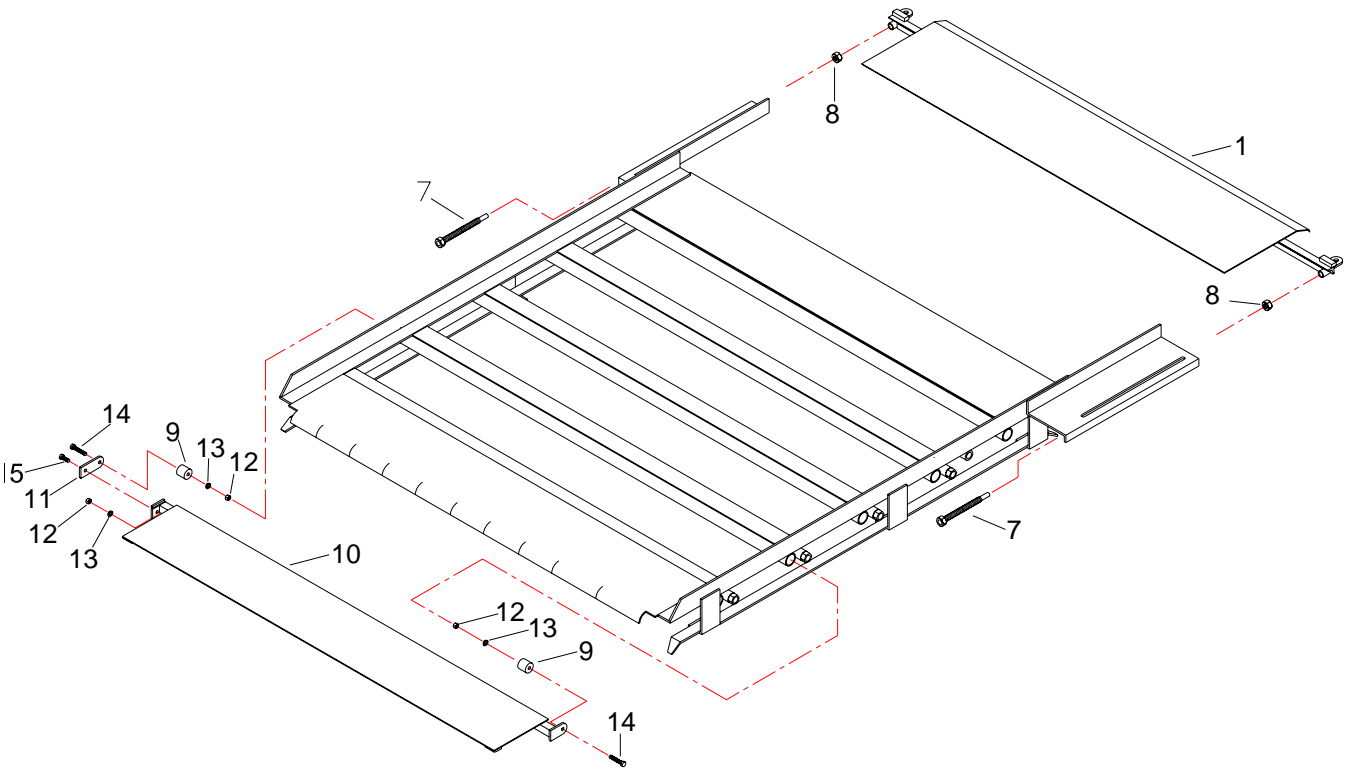
Fit All DB-1, DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
1	HW-301216NEZ	Nut, Lock, Hex, 3/4-10NC, ZP
2	HK-101084	Shaker Wheel Shaft
3	HK-100961	Shim
4	HK-101855	Shaker Wheel
5	HW-301212NEZ	Nut, Lock, Hex, 5/8-11NC, ZP

Conveyor

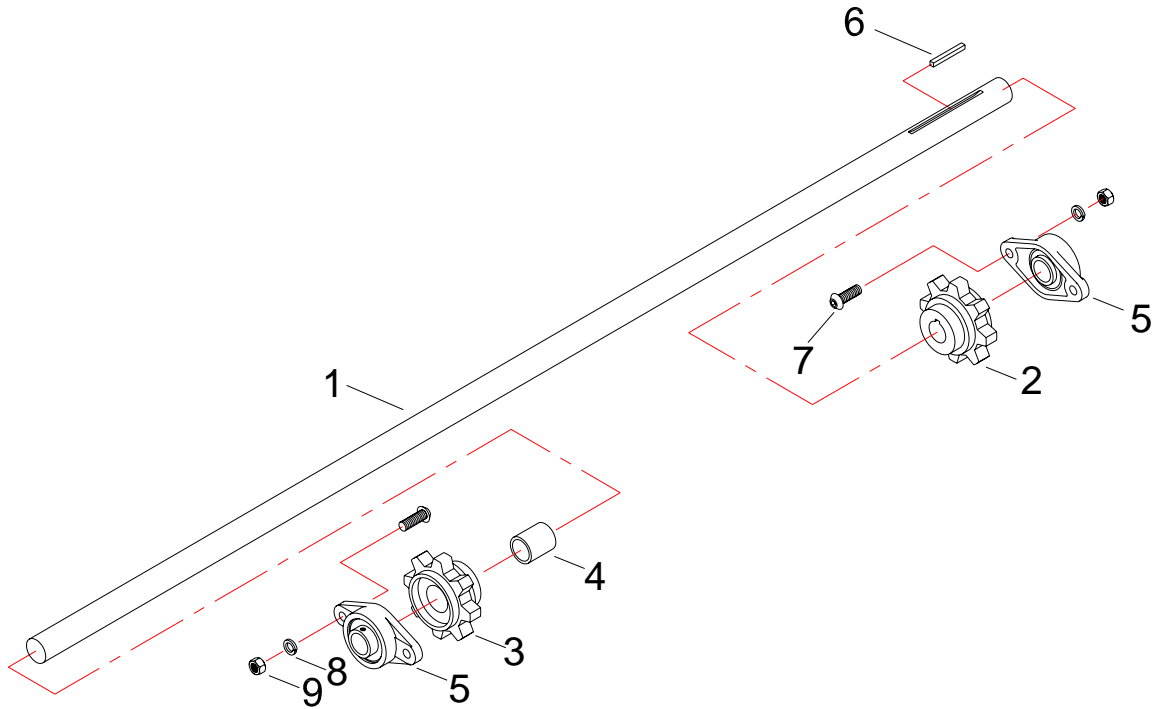
Fit Machine HK-5, HK-5LP, DB-2, DB-2LP



ITEM	PART #	DESCRIPTION
1	HK-101124	Top Slide (HK-5LP, DB-2LP)
1	05-100855	Top Slide (HK-5, DB-2)
7	05-101156	Adjustment Rod
8	HW-300212ZG5	Nut, Hex, 5/8-11NC
9	05-100851	Bushing
10	05-100846	Louver (Door)
11	05-100852	Louver Arm
12	HW-300204Z	Nut, Hex, 3/8-16NC, Gr5
13	HW-335204Z	Lock, Washer, ZP, 3/8
14	HW-204112G5Z	Bolt, HH, ZP, 3/8-16NC x 2
15	HW-204104G5Z	Bolt, HH, ZP, 3/8-16NC x 1

Lower Loading Shaft Assembly

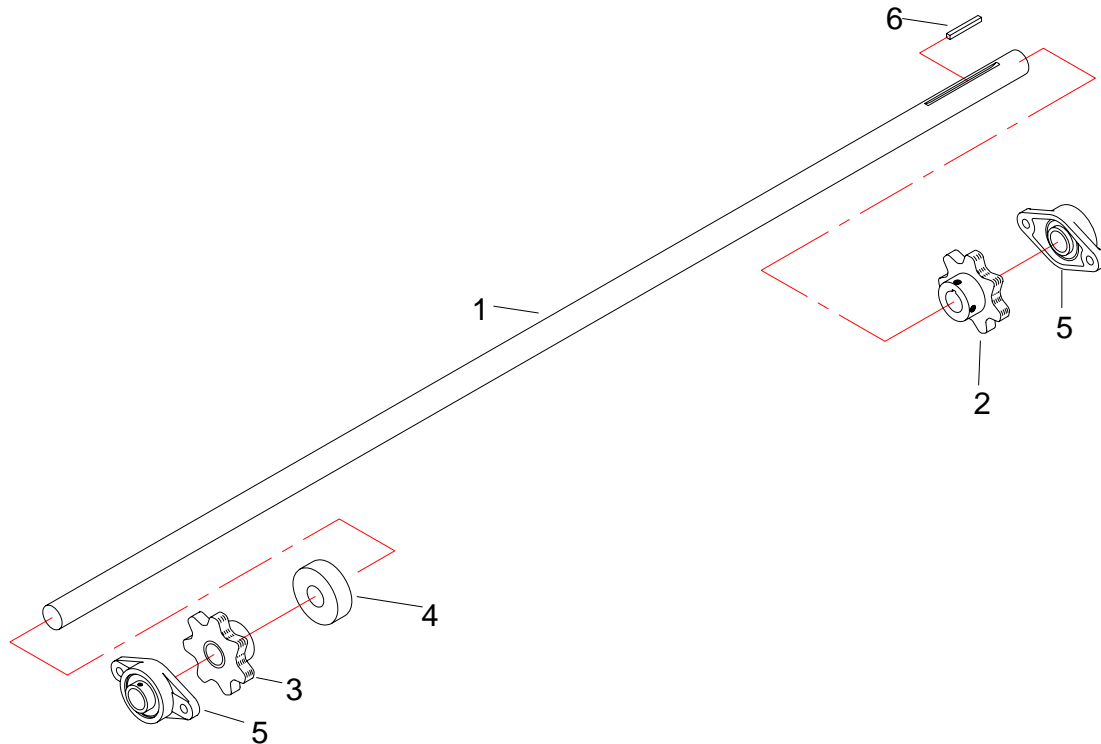
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-2, DB-2LP, DB-4



Item	Before Serial # 5467	From Serial # 5467 To 6586	From Serial # 6586 To 7027	After Serial# 7028	Description
1	HK-100486	HK-101662	HK-100486	HK-100486	Shaft
2	HK-100489	HK-101661	HK-101661	HK-100489	Sprocket w/Keyway
3	HK-100488		HK-101805	HK-100488	Sprocket w/ Bushing
3		HK-101661			Sprocket w/Keyway
4	HK-100515		HK-100515	HK-100515	Bushing Only
5	HK-100490	HK-100490	HK-100490	HK-100490	Bearing Assy.
6	HK-100495	HK-100495	HK-100495	HK-100495	Key .25 x .25 x 2.5 LG
7			HW-708108G5BX	HW-708108G5BX	Bolt, Button Head 1/2-13NC x 1-1/2LG
7	HW-208108G5Z	HW-208108G5Z			Bolt, HH, ZP, 1/2- 13NC x 1-1/2 LG
8	HW-335208Z	HW-335208Z	HW-335208Z	HW-335208Z	1/2" Washer, Lock,
9	HW-300208ZG5	HW-300208ZG5	HW-300208ZG5	HW-300208ZG5	Nut, Hex, 1/2-13NC, ZP, G5

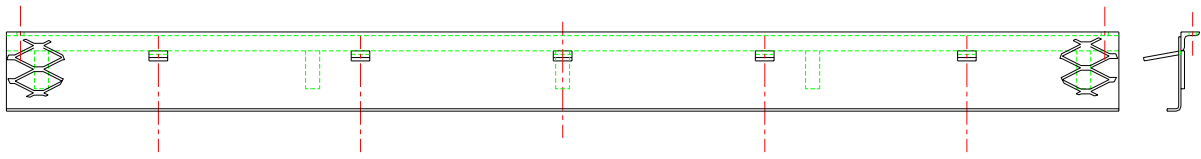
Lower Loading Shaft Assembly

After Serial # 2796 and Up to Serial # 5468
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-2, DB-2LP, DB-4

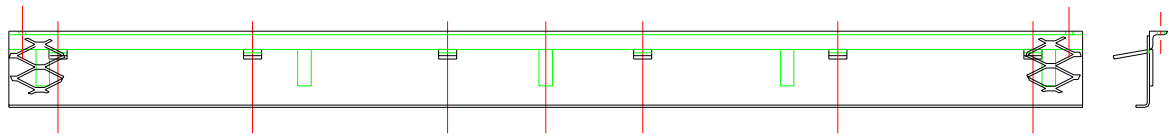


ITEM	PART #	DESCRIPTION
1	HK-100486	Shaft 1.1875Ø x 69.0 LG.
2	HK-100489	Sprocket
3	HK-100488	Sprocket
4	HK-100487	Center Support (USED ONLY ON HK3.5 & HK4)
5	HK-100490	Bearing
6	HK-100495	Key 1/4 x 1/4 x 2-1/2

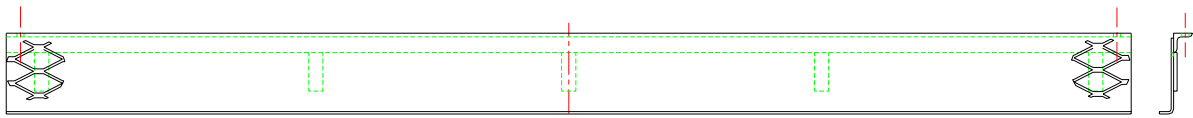
Loading Bars



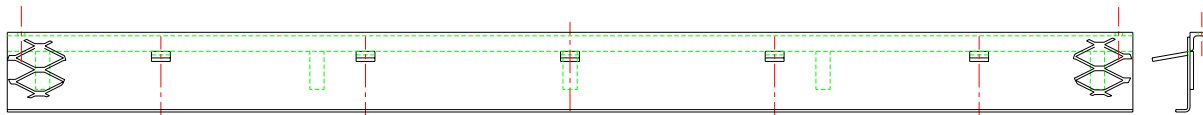
1-1/2" Mesh Bar 5 Prongs Part # **HK-101268**, Fits HK-3.5, HK-4, HK-5, HK-5LP
DB-1, DB-2, DB-2LP, DB-4



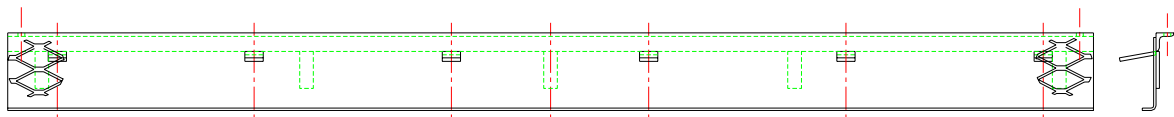
1-1/2" Mesh Bar 6 Prong Part # **HK-101269**, Fits HK-3.5, HK-4, HK-5, HK-5LP,
DB-1, DB-2, DB-2LP, DB-4



1-1/2" Mesh Bar No Prongs Part # **HK-101001**, Fits HK-3.5, HK-4, HK-5, HK-5LP
DB-1, DB-2, DB-2LP, DB-4

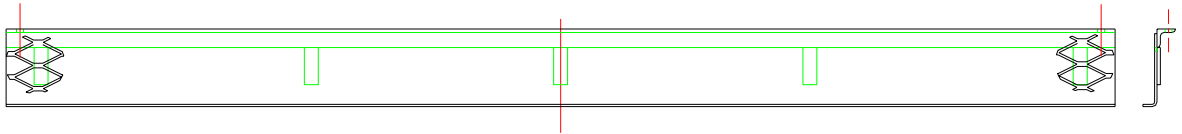


1" Mesh Bar 5 Prong Part# **HK-101004** Fits HK-3.5, HK-4, HK-5, HK-5LP
DB-1, DB-2, DB-2LP, DB-4

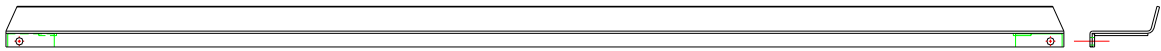


1" Mesh Bar 6 Prong Part # **HK-101005** Fits HK-3.5, HK-4, HK-5, HK-5LP
DB-1, DB-2, DB-2LP, DB-4

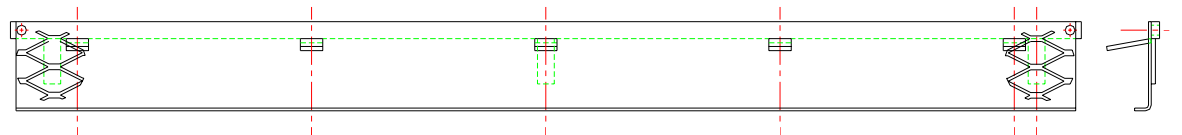
Loading Bars



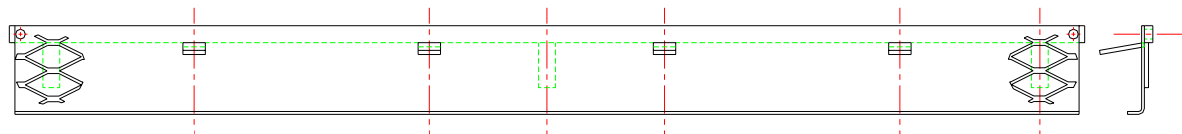
1" Mesh Bar No Prongs Part # **HK-101003** Fits HK-3.5, HK-4, HK-5, HK-5LP
DB-1, DB-2, DB-2LP, DB-4



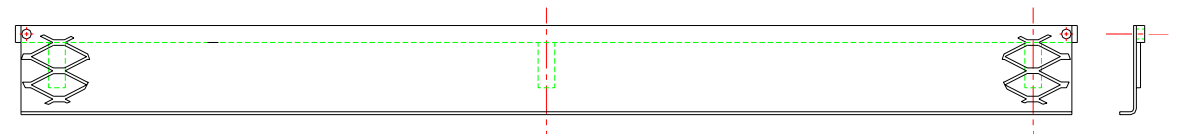
Solid Bar Part # **HK-101548**, Fits HK-3.5, HK-4, DB-4, DB-1 (After SERIAL #
4305)



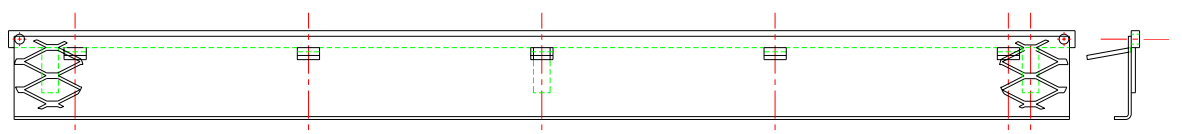
1-1/2" Mesh Bar 5 Prong Part # **HK-100648** Fits HK-2, HK-3



1-1/2" Mesh Bar 4 Prong Part # **HK-100647** Fits HK-2, HK-3

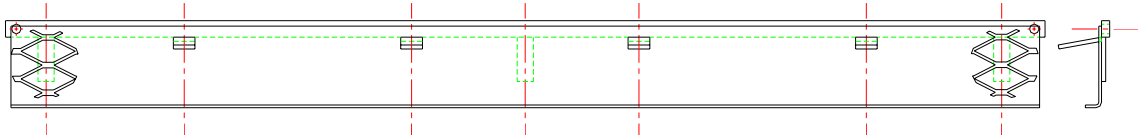


1-1/2" Mesh Bar No Prongs Part # **HK-100646** Fits HK-2, HK-3

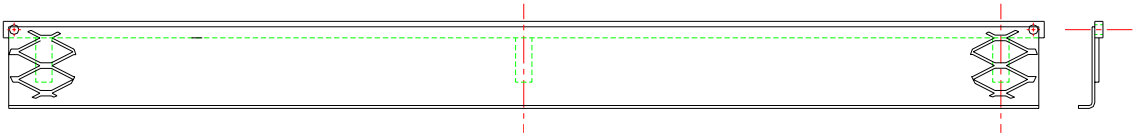


1" Mesh Bar 5 Prong Part # **HK-100651** Fits HK-2, HK-3

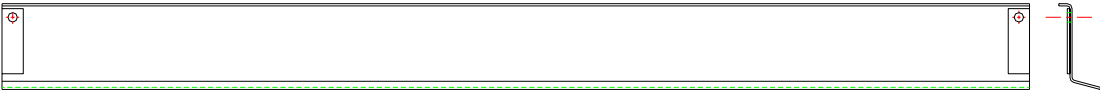
Loading Bars



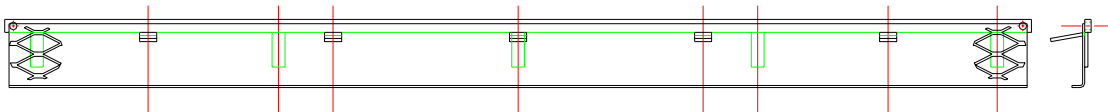
1" Mesh Bar 4 Prong Part # **HK-100650** Fits HK-2, HK-3



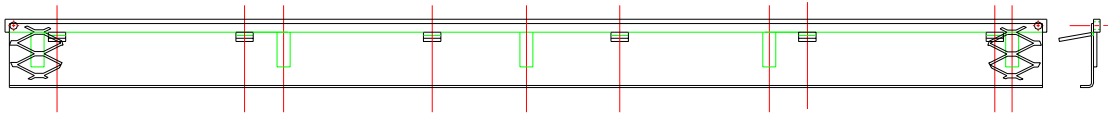
1" Mesh Bars No Prongs Part # **HK-100649** Fits HK-2, HK-3



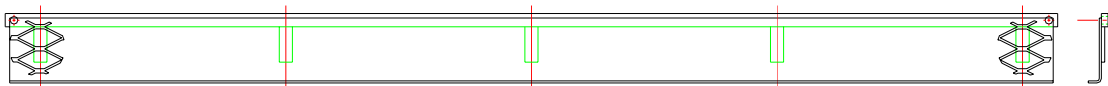
Solid Bar Part # **HK-101860** Fits HK-2, HK-3



1" Mesh Bar 5 Prong Part # **HK-100659** Fits HK 3.5, HK-4 (up to Serial # 4306)



1" Mesh Bar 6 Prong Part # **HK-100660** Fits HK 3.5, HK-4 (up to Serial # 4306)

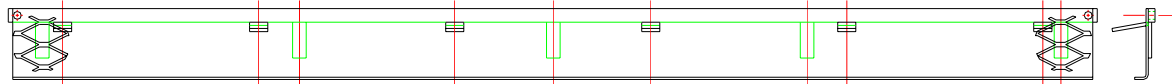


1" Mesh Bar No Prong Part # **HK-100658** Fits HK 3.5, HK-4 (up to Serial # 4306)

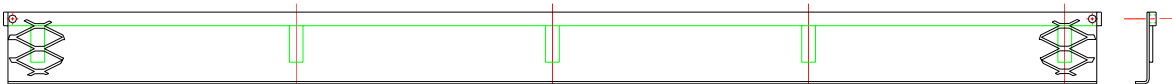
Loading Bars



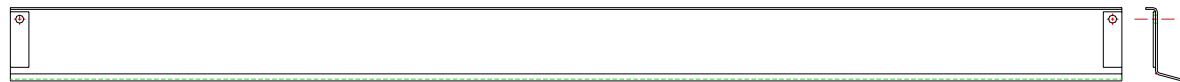
1-1/2" Mesh Bar 5 Prong Part # **HK-100655** Fits HK 3.5, HK-4 (up to Serial # 4306)



1-1/2" Mesh Bar 6 Prong Part # **HK-100656** Fits HK 3.5, HK-4 (up to Serial # 4306)



1-1/2" Mesh Bar No Prong Part # **HK-100657** Fits HK 3.5, HK-4 (up to Serial # 4306)



Solid Bar Part # **HK-101859** Fits HK 3.5, HK-4 (up to Serial # 4306)

Loading Bar Kits

05-101271 1-1/2 Mesh Bar Kit Include Items (HK-101269 QTY.12, HK-101268 QTY.12, HK-101001 QTY. 25) Fit Machines HK-4 & DB-4 (After SERIAL # 4305)

05-101272 1-1/2 Mesh Bar Kit Include Items (HK-101004 Qty. 8, HK-101001 Qty 24, HK-101268 Qty. 9, HK-101269 Qty. 8) Fit Machines HK-5 & DB-2

HK-101013 1-1/2 Mesh Bar Kit Include Items (HK-101269 Qty. 11, HK-101268 Qty. 11, HK-101001Qty. 22) Fit Machines HK-3.5 & DB1 (After SERIAL # 4305)

Loading Bar Kits

HK-101274 1-1/2 Mesh Bar Kit Include Items (HK-101001 Qty. 22, HK-101268 Qty. 8, HK-101269 Qty. 7, HK-101004 Qty. 7) Fit Machines HK-5LP & DB-2LP (After SERIAL # 4305)

HK-101006 1" Mesh Bar Kit Include Items (HK-101005 Qty. 11, HK-101004 Qty. 11, HK-101003 Qty. 22) Fit Machines HK-3.5 & DB1 (After SERIAL # 4305)

HK-101011 1" Mesh Bar Kit Include Items (HK-101005 Qty. 12, HK-101004 Qty. 12, HK-101003 Qty. 25) Fit Machines HK-4 & DB-4 (After SERIAL # 4305)

HK-101531 Solid Bar kit Include Item (HK-101548 Qty. 44) Fit Machine HK-3.5 (After SERIAL # 4305)

HK-101532 Solid Bar Kit Include Item (HK-101548 Qty. 49) Fit Machines HK-4 & DB-4 (After SERIAL # 4305)

HK-101275 1" Mesh Bar Kit Include Items (HK-100651 Qty. 11, HK-100650 Qty. 11, HK-100649 Qty. 23) Fit Machines HK-2 & HK-3

HK-101276 1-1/2" Mesh Bar Kit Include Items (HK-100647 Qty. 11, HK-100648 Qty. 11, HK-100646 Qty. 23) Fit Machines HK-2 & HK-3

HK-101277 Solid Bar Kit Include Item (HK-101860 Qty. 45) Fit Machines HK-2 & HK-3

HK-101279 1-1/2" Mesh Bar Kit Include Items (HK-100655 Qty. 11, HK-100656 Qty. 11, HK-100657 Qty. 22) Fit Machines HK-3.5 (UP TO SERIAL # 4306)

HK-101278 1" Mesh Bar Kit Include Items (HK-100659 Qty. 11, HK-100660 Qty. 11, HK-100658 Qty. 22) Fit Machines HK-3.5 (UP TO SERIAL # 4306)

Loading Bar Kits

HK-101280 Solid Bar Kit Include Items (HK-101859 Qty. 44.) Fit Machines HK-3.5(UP TO SERIAL # 4306)

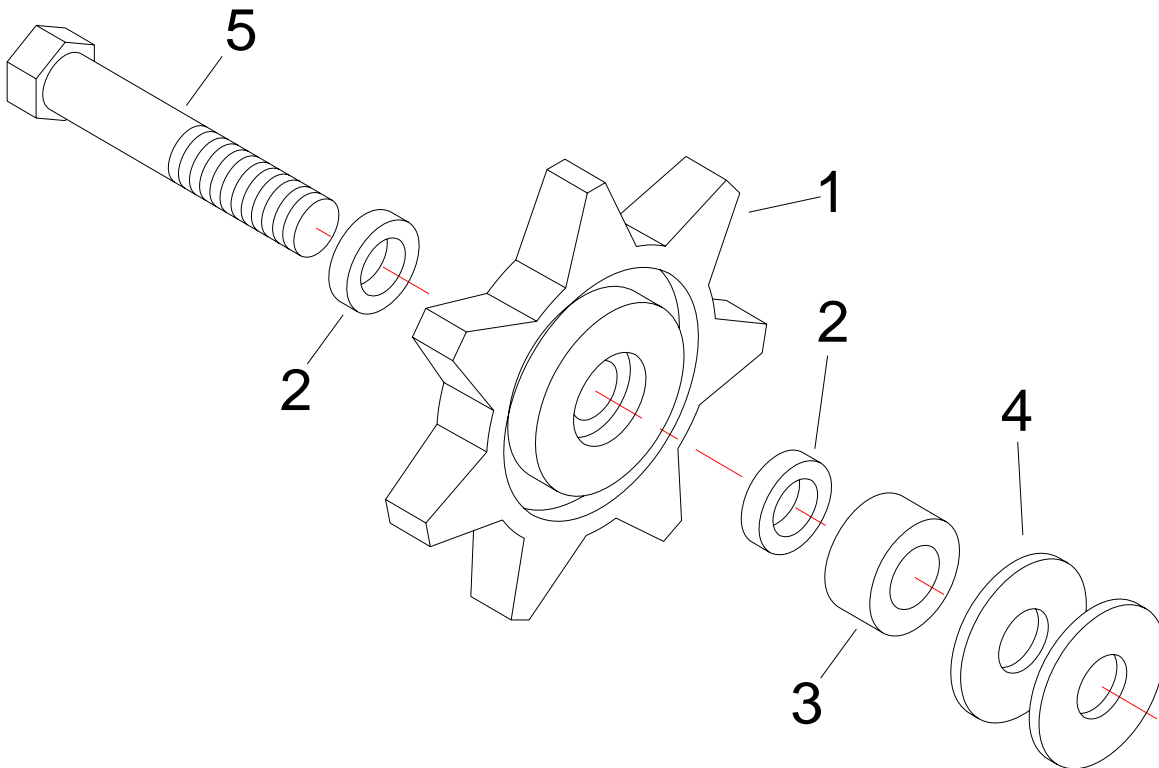
HK-101282 1-1/2" Mesh Bar Kit Include Items (HK-100655 Qty. 12, HK-100656 Qty. 12, HK-100657 Qty. 25) Fit Machines HK-4(UP TO SERIAL # 4306)

HK-101281 1" Mesh Bar Kit Include Items (HK-100659 Qty. 12, HK-100660 Qty. 12, HK-100658 Qty. 25) Fit Machines HK4 (UP TO SERIAL # 4306)

HK-101283 Solid Bar Kit Include Items (HK-101859 Qty. 49.) Fit Machines HK-4(UP TO SERIAL # 4306)

Leveling Conveyor Idler Sprocket

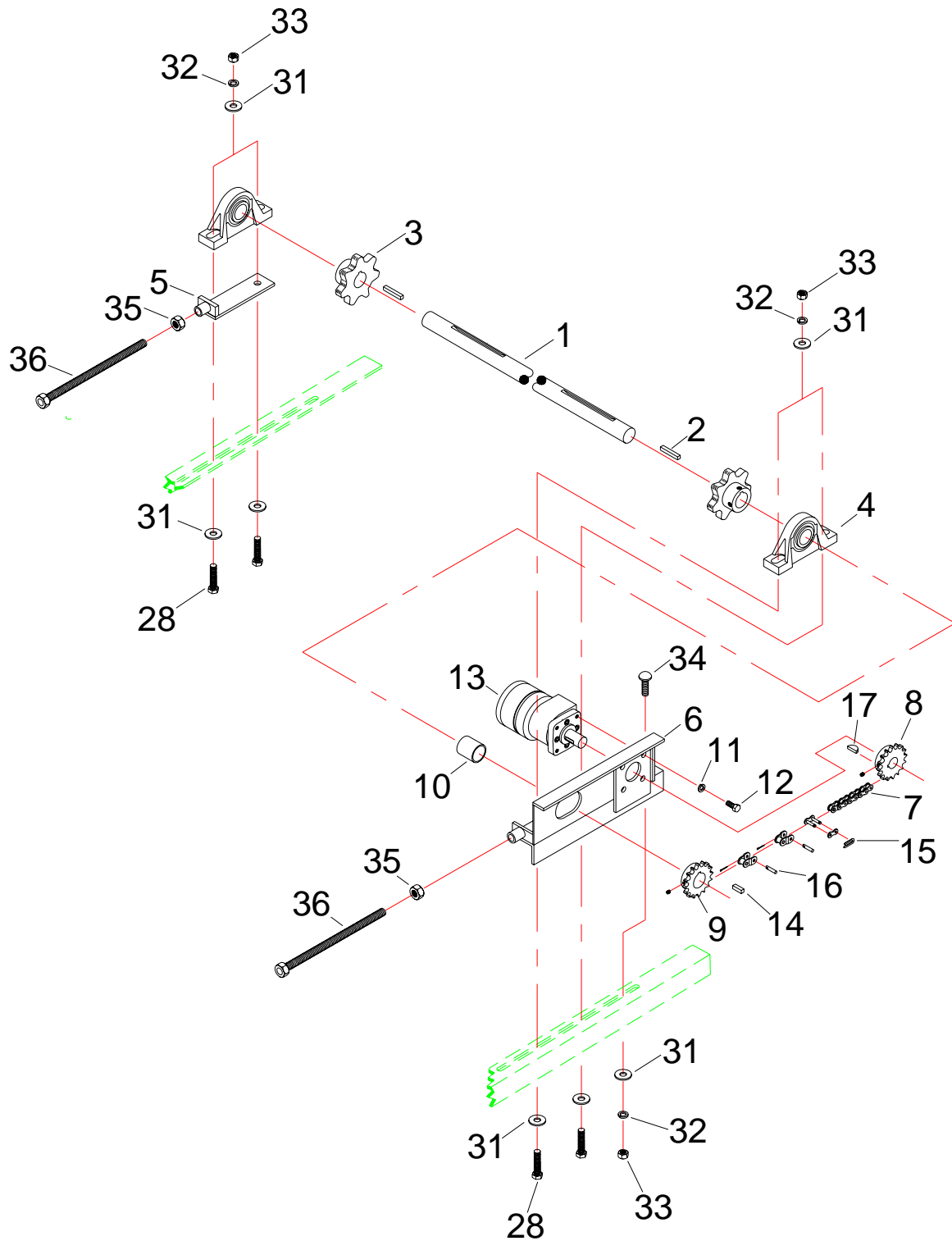
Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2< DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
1	HK-100492	Idle Sprocket
2	HK-100491	Shim
3	HK-101088	Spacer (HK-3.5, HK-4, HK-5, HK-5LP, DB-2, DB-2LP, DB-4)
3	HK-101089	Spacer (HK-2, HK-3, DB-1)
4	HW-325212Z	Washer, Flat, 5/8, ZP
5	HW-212124G5Z	Bolt, 5/8-11NC x 3-1/2(HK-2, HK-3, DB-1)
5	HW-212120G5Z	Bolt, 5/8-11NC x 3(HK-3.5, HK-4, HK-5, HK-5LP, DB2, DB2LP, DB-4)
6	HW-335212z	Washer, Lock, 5/8, ZP NOT SHOWN
7	HW-300212ZG5	Nut, Hex, 5/8-11NC. ZP NOT SHOWN

Leveling Assembly

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-2, DB-2LP, DB-4



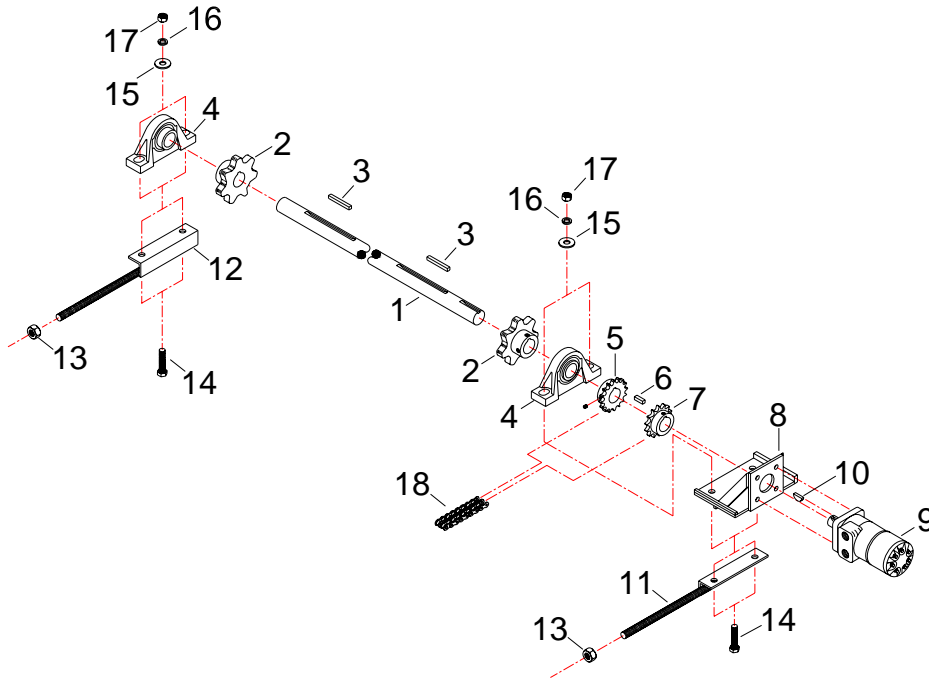
Leveling Assembly

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-2, DB-2LP, DB-4

ITEM	PART #	DESCRIPTION
1	05-101027	Leveling Shaft
2	HK-100496	Key 5/16 x 5/16 x 2-1/2
3	HK-100426	Sprocket (2 used)
4	HK-100429	Bearing
5	05-100835	Adjustment Bracket
6	05-100800	Motor Mount
7	HK-101229	Chain with Connection Link and Half Link
8	05-100832	Sprocket
9	HK-101559	Sprocket 14 Tooth)
9	HK-101230	Sprocket (12 Tooth Replaced By #HK-101559)
10	HK-101459	Spacer
11	HW-335204Z	Washer, Lock, ZP, 3/8
12	HW-204103G5Z	Bolt, HH, ZP, 3/8-16NC x 7/8, gr5
13	HK-100507	Motor (See Page 112-113)
14	HK-100508	Key, 5/16 x 5/16 x 1-1/2
15	HK-101270	Connection Link
16	HK-101320	Offset Link
17	HK-101659	Woodruff Key (1" DIA. X 1/4" Wide)
28	HW-208114G5Z	Bolt, HH, ZP, 1/2-13NC x 2-1/4, gr5
31	HW-325208Z	Washer, Flat, ZP, 1/2
32	HW-335208Z	Washer, Lock, ZP, 1/2
33	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5
34	HW-808108G5Z	Bolt, Crg, ZP, 12-13NC x 1-1/2, gr5
35	HW-300212ZG5	Nut, Hex, 5/8-11NC, GR5, ZP
36	HK-101264	Adjustment Rod

Leveling Assembly

Serial # 3616 and Before
Fit Machine HK-3.5, HK-4

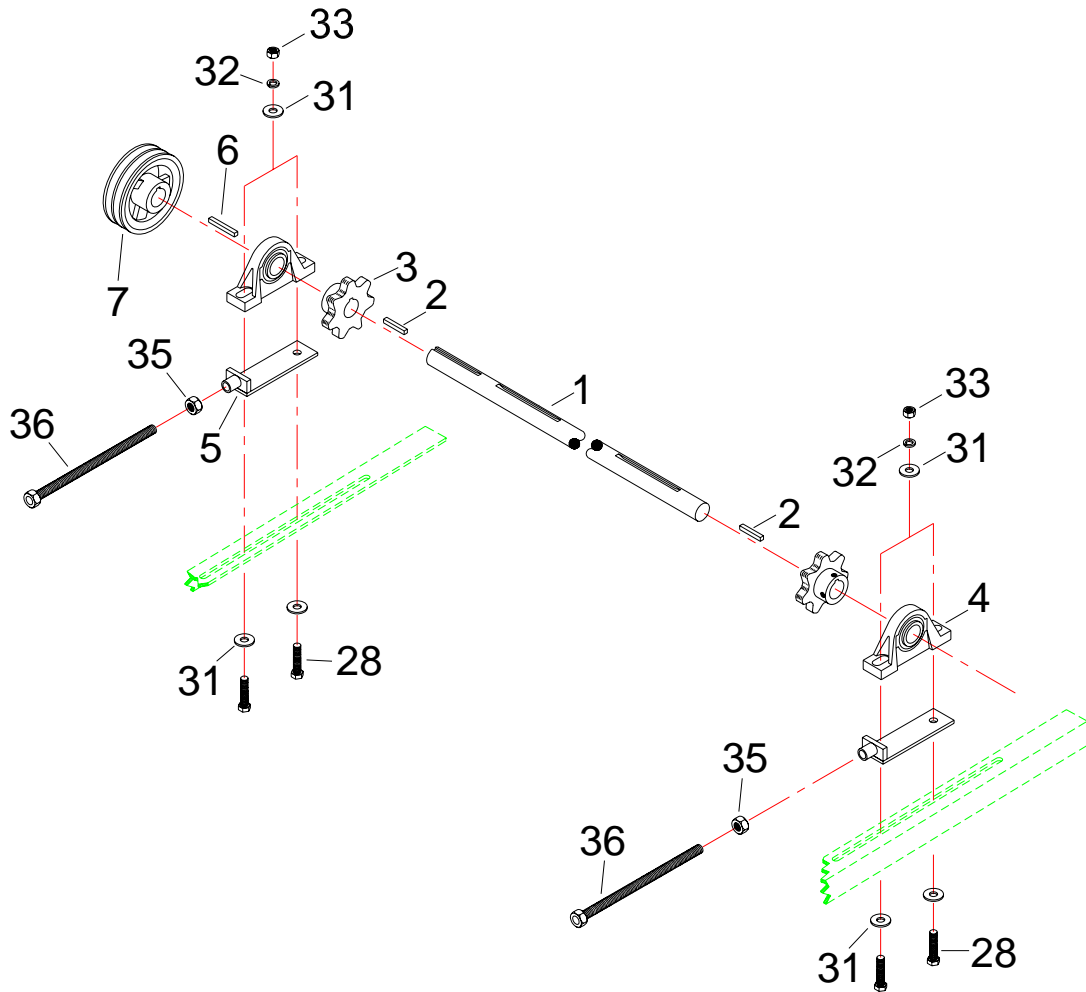


ITEM	PART #	DESCRIPTION
1	HK-100506	Shaft, 1-3/8" Ø x 74" LG
2	HK-100426	Sprocket
3	HK-100496	Key, 5/16" x 5/16" x 2-1/2" LG
4	HK-100429	Bearing
5	HK-100479	Sprocket
6	HK-100497	Key, 5/16" x 5/16" x 1" LG
7	HK-100480	Sprocket
8	HK-100591	Leveling Motor Mount
9	HK-100507	Hydraulic Motor (See Page 112-113)
10	HK-101659	Woodruff Key (1" Ø x 1/4" Wide)
11	HK-100568	Adjustment Rod L.H
12	HK-100566	Adjustment Rod R.H.
13	HW-300212ZG5	Nut, ZP, 5/8-11NC
14	HW-208116G5Z	Bolt, HH, ZP, 1/2-13 NC x 2-1/2 gr5
15	HW-325208Z	Washer, Flat, ZP, 1/2"
16	HW-335208Z	Washer, Lock, ZP, 1/2"
17	HW-300208ZG5	Nut, Hex, 1/2-13 NC, GR5
18	HK-100482	Coupling Chain

Orientation: Standing Behind Machine Looking straight Ahead.

Standard Leveling Shaft Assembly

Fit Machine HK-2, HK3

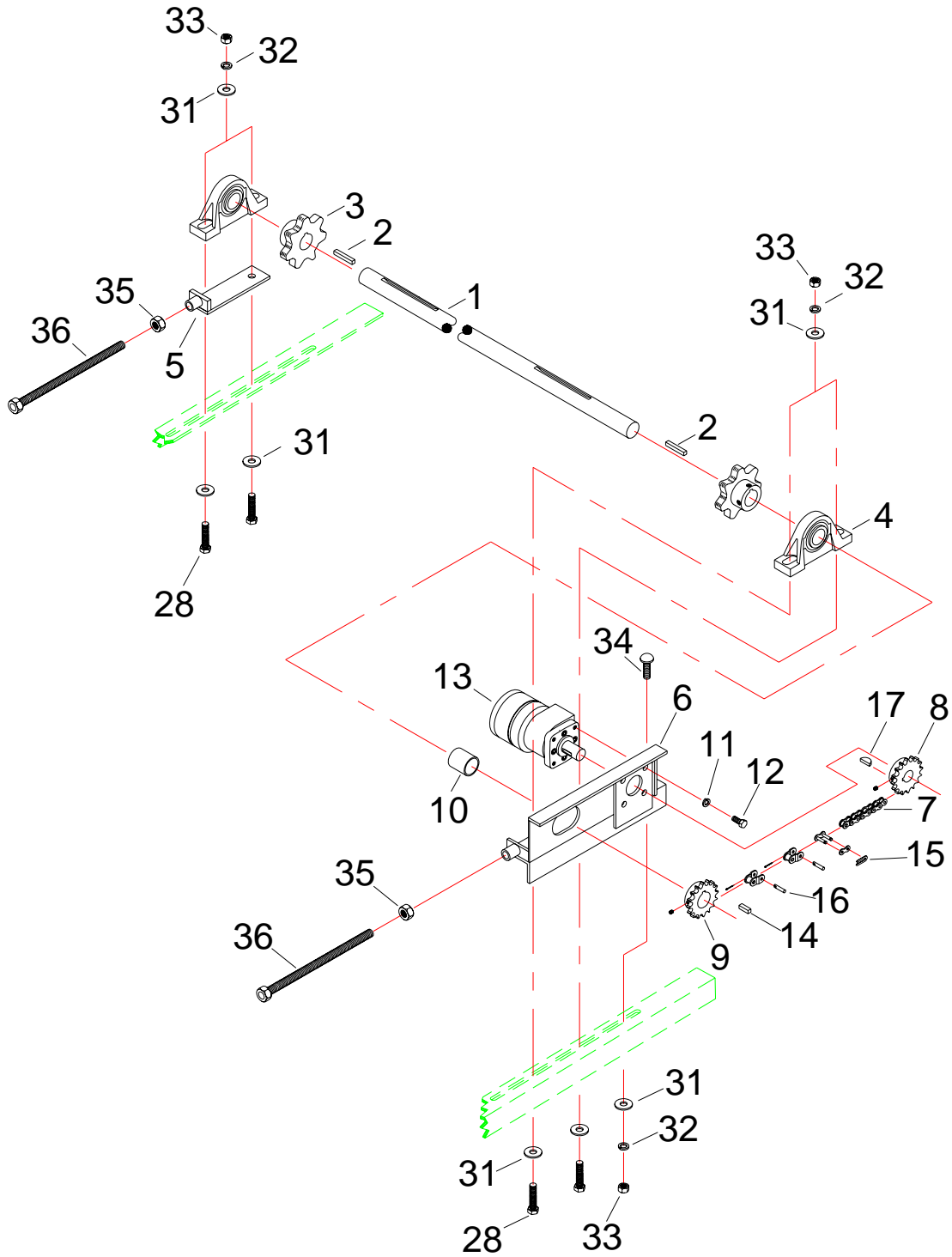


ITEM	PART #	DESCRIPTION
1	HK-100431	Leveling Shaft (Include Serial #)
2	HK-100498	Key 5/16 x 5/16 x 3-1/2
3	HK-100426	Sprocket (2 used)
4	HK-100429	Bearing
5	05-100835	Adjustment Bracket
6	HK-100496	Key 5/16 x 5/16 x 2-1/2
7	HK-100432	Pulley
28	HW-20814G5Z	Bolt, HH, ZP, 1/2-13NC x 2-1/4 gr5
31	HW-325208Z	Washer, Flat, ZP, 1/2
32	HW-335208Z	Washer, Lock, ZP, 1/2
33	HW-300208ZG5	Nut, Hex, 1/2-13NC, gr5
35	HW-300212ZG5	Nut, Hex, 5/8-11NC, GR5, ZP
36	HK-101264	Adjustment Rod

Hydraulic Leveling Assembly

After 1-1-1999

Fit Machine HK-2, HK-3, DB-1



Hydraulic Leveling Assembly

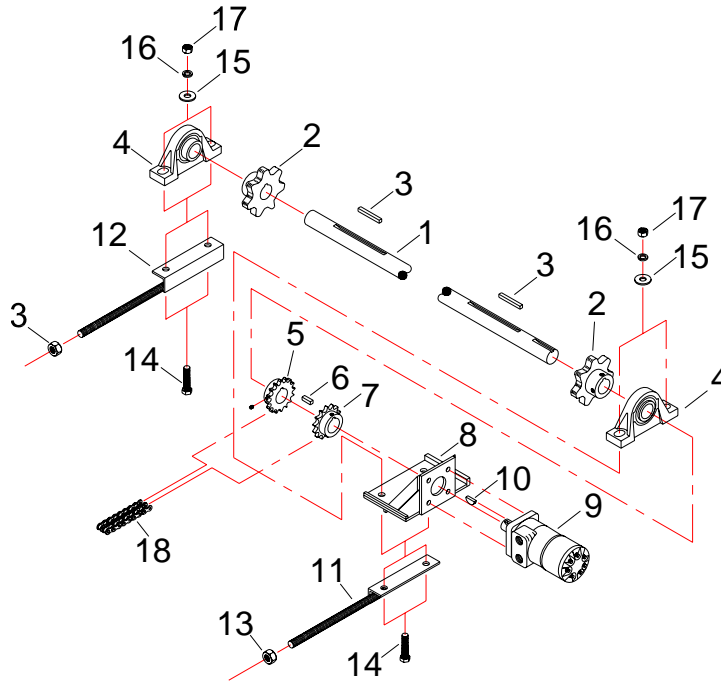
After 1-1-1999

Fit Machine HK-2, HK-3, DB-1

ITEM	PART #	DESCRIPTION
1	HK-100431	Leveling Shaft
2	HK-100496	Key 5/16 x 5/16 x 2-1/2
3	HK-100426	Sprocket (2 used)
4	HK-100429	Bearing
5	05-100835	Adjustment Bracket
6	05-100800	Motor Mount
7	HK-101229	Chain with Connection Link and Half Link
8	05-100832	Sprocket
9	HK-101230	Sprocket
10	HK-101459	Spacer
11	HW-335204Z	Washer, Lock, ZP, 3/8
12	HW-204103G5Z	Bolt, HH, ZP, 3/8-16NC x 7/8, gr5
13	HK-100513	Motor (See Page 114-115)
14	HK-100508	Key, 5/16 x 5/16 x 1-1/2
15	HK-101270	Connection Link
16	HK-101320	Offset Link
17	HK-101659	Woodruff Key (1" DIA. X 1/4" Wide)
28	HW-208114G5Z	Bolt, HH, ZP, 1/2-13NC x 2-1/4, gr5
31	HW-325208Z	Washer, Flat, ZP, 1/2
32	HW-335208Z	Washer, Lock, ZP, 1/2
33	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5
34	HW-808108G5Z	Bolt, Carriage, ZP, 12-13NC x 1-1/2, gr5
35	HW-300212ZG5	Nut, Hex, 5/8-11NC, GR5, ZP
36	HK-101264	Adjustment Rod

Old Leveling Assembly

Before 1-1-1999
Fit Machine HK-2, HK-3

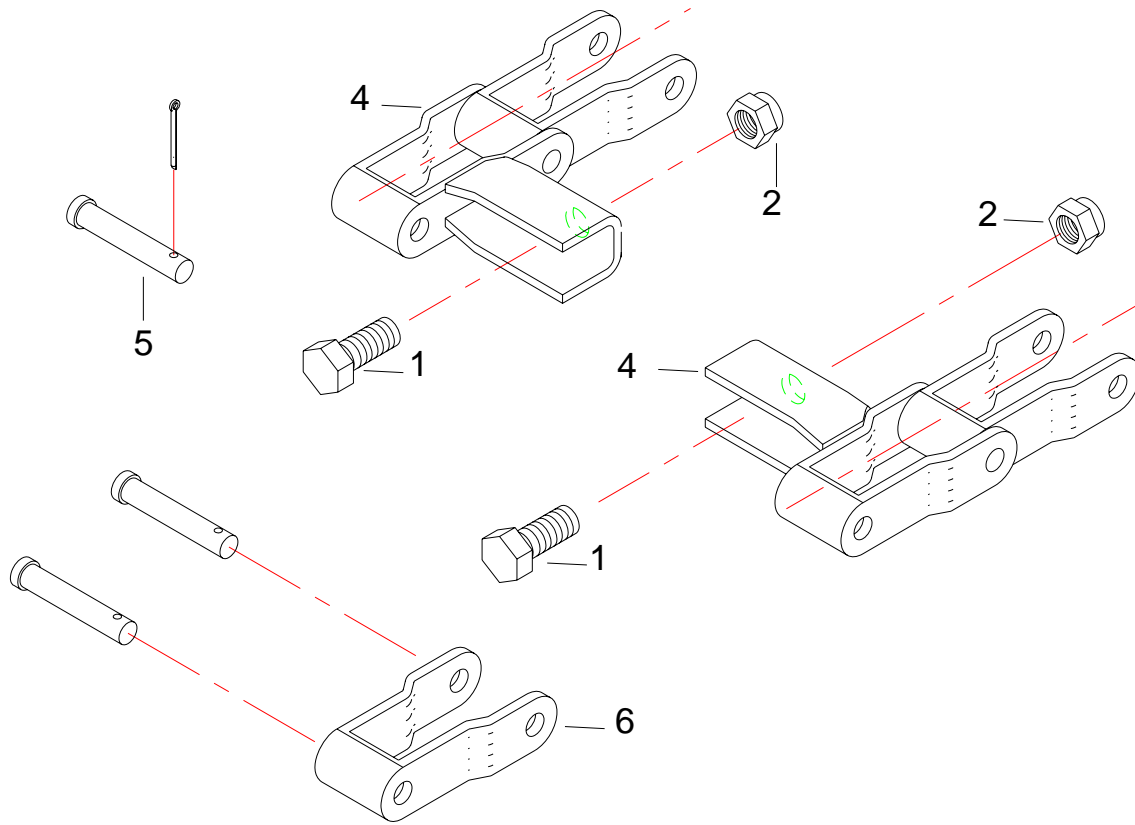


ITEM	PART #	DESCRIPTION
1	HK-100518	Shaft, 1-3/8" Ø x 73" LG
2	HK-100426	Sprocket
3	HK-100498	Key, 5/16" x 5/16" x 3-1/2" LG
4	HK-100429	Bearing
5	HK-100479	Sprocket
6	HK-100497	Key, 5/16" x 5/16" x 1" LG
7	HK-100480	Sprocket
8	HK-100591	Leveling Motor Mount
9	HK-100513	Hydraulic Motor (See Page 114-115)
10	HK-101659	Woodruff Key (1" Ø x 1/4" Wide)
11	HK-100568	Adjustment Rod L.H
12	HK-100566	Adjustment Rod R.H.
13	HW-300212ZG5	Nut, ZP, 5/8-11NC
14	HW-208116G5Z	Bolt, HH, ZP, 1/2-13 NC x 2-1/2 gr5
15	HW-325208Z	Washer, Flat, ZP, 1/2"
16	HW-335208Z	Washer, Lock, ZP, 1/2"
17	HW-300208ZG5	Nut, Hex, 1/2-13 NC, GR5
18	HK-100482	Coupling Chain

Orientation: Standing Behind Machine Looking straight Ahead.

Leveling Chain Parts

Fit Machines HK-3.5, HK-4, HK-5, HK-5LP DB-2, DB-2LP, DB-4
From Serial # 4306

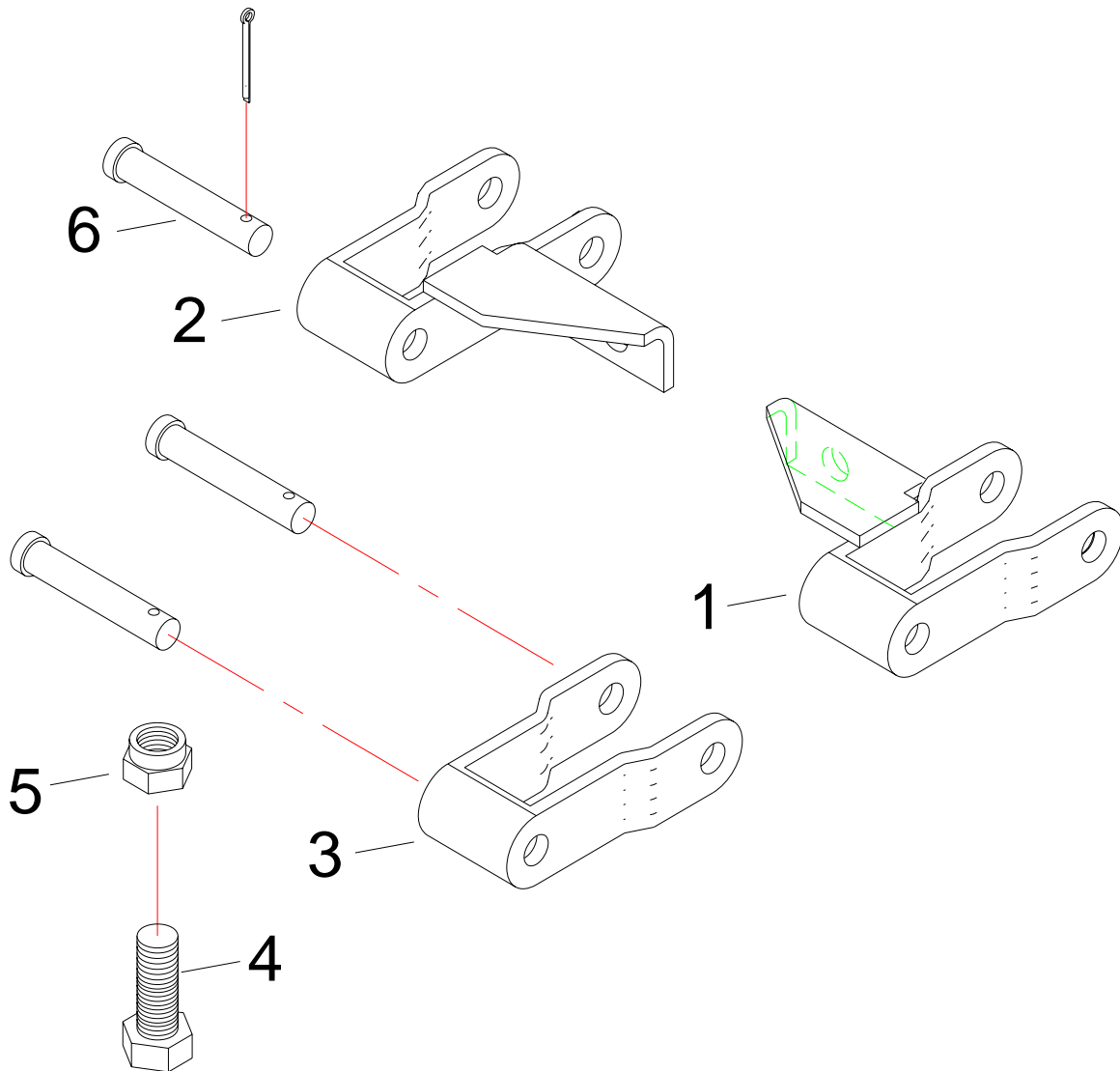


ITEM	PART #	DESCRIPTION
1	HW-205104L9YZ	Bolt, L9, 3/8 x 1
2	HW-301205L9	Nut, Stover Collar, 3/8
4	SEE PAGE 49	Leveling Chain Complete (R.H. and L.H. Side)
5	HK-101267	PIN KIT
	HK-101807	PIN KIT, HD CHAIN
6	HK-100661	CHAIN Link
	HK-101856	HD CHAIN LINK
7	HK-100669	R.H. Bar Link
8	HK-100670	L.H. Bar Link
	HK-101798	CHAIN BAR LINK (ITEM 7 OR 8)

Orientation: Standing Behind Machine Looking straight Ahead.

Leveling Chain Parts

Fit Machines HK-2 and HK-3



1	HK-100668	Leveling Chain Attach Link L.H
2	HK-100667	Leveling Chain Attach Link R.H.
3	HK-100661	Leveling Chain Link with Pin
4	HW-301203L9	Nut, Stover Collar
5	HW-203104L9YZ	Bolt L9 (5/16-24NF x 1)
6	HK-101267	Pin

Orientation: Standing Behind Machine Looking Straight Ahead.

Leveling Chain Kits

Part # **02-101346** Leveling Chain Complete 87 Pitches Fit Machine HK2

Part # **03-101347** Leveling Chain Complete 116 Pitches Fit Machine HK-3

Part # **HK-101427** Leveling Chain Complete 120 Pitches Fit Machine HK-3.5, HK-5LP (From *Serial #* 4306)

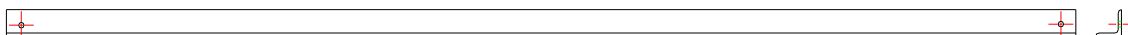
Part # **HK-101831 HD** Leveling Chain Complete 110 Pitches Fit Machine HK-4, HK-5, DB-2, DB-2LP, DB-4

Part # **DB-400041** Leveling Chain Complete 78 Pitches Fit Machine DB-1

Leveling Bar Kit and Bars



Leveling Bar, Part # HK-100665 Fit Machine # HK-3.5, HK-4, HK-5, HK-5LP, DB-2, DB-2LP, DB-4



Leveling Bar, Part # HK-100664 Fit Machine # HK-2, HK-3, DB-1

Kit Part # **HK-101835** Fit Machines HK-3.5, HK-5LP (24 OF Item HK-100665)

Kit Part # **HK-101836** Fit Machine HK-4, HK-5, DB-2, DB-2LP, DB-4 (22 OF Item HK-100665)

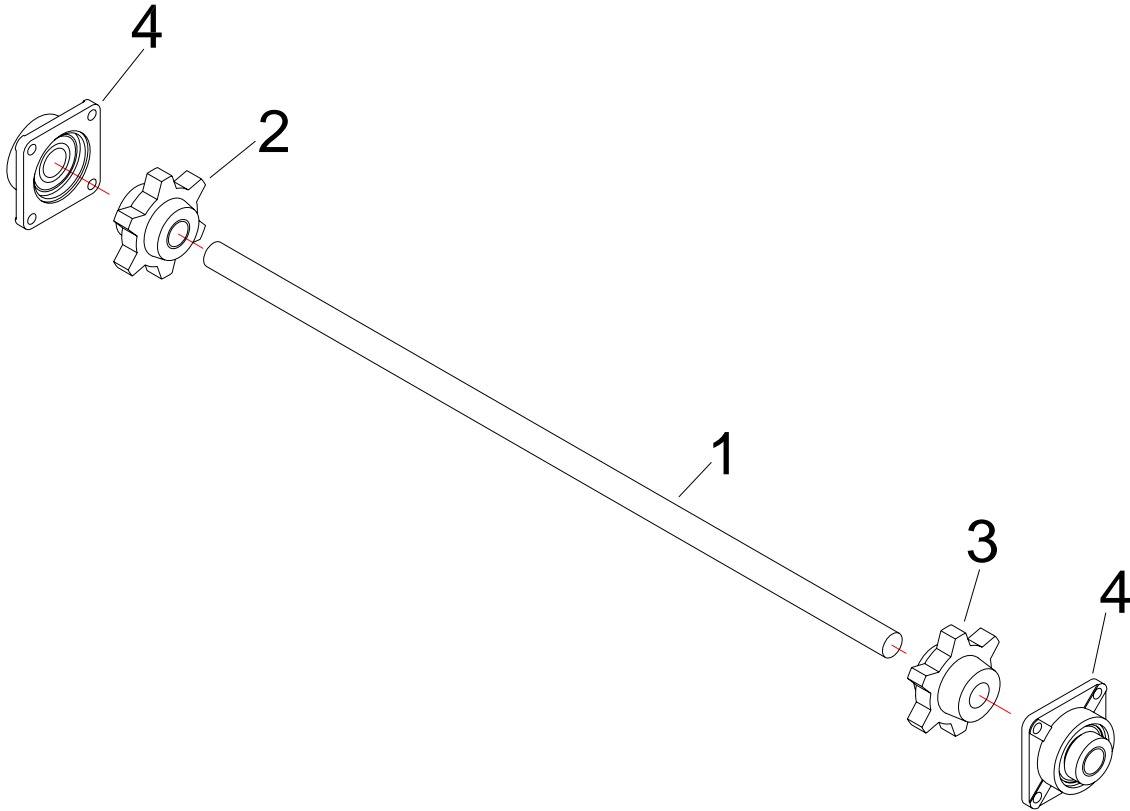
Kit Part # **HK-101833** Fit Machine HK-2 (17 of Item HK-100664)

Kit Part # **HK-101834** Fit Machine HK3 (23 of Item HK-100664)

Kit Part # **HK-101832** Fit Machine DB-1 (15 of Item HK-100664)

Front Unloading Shaft Assembly

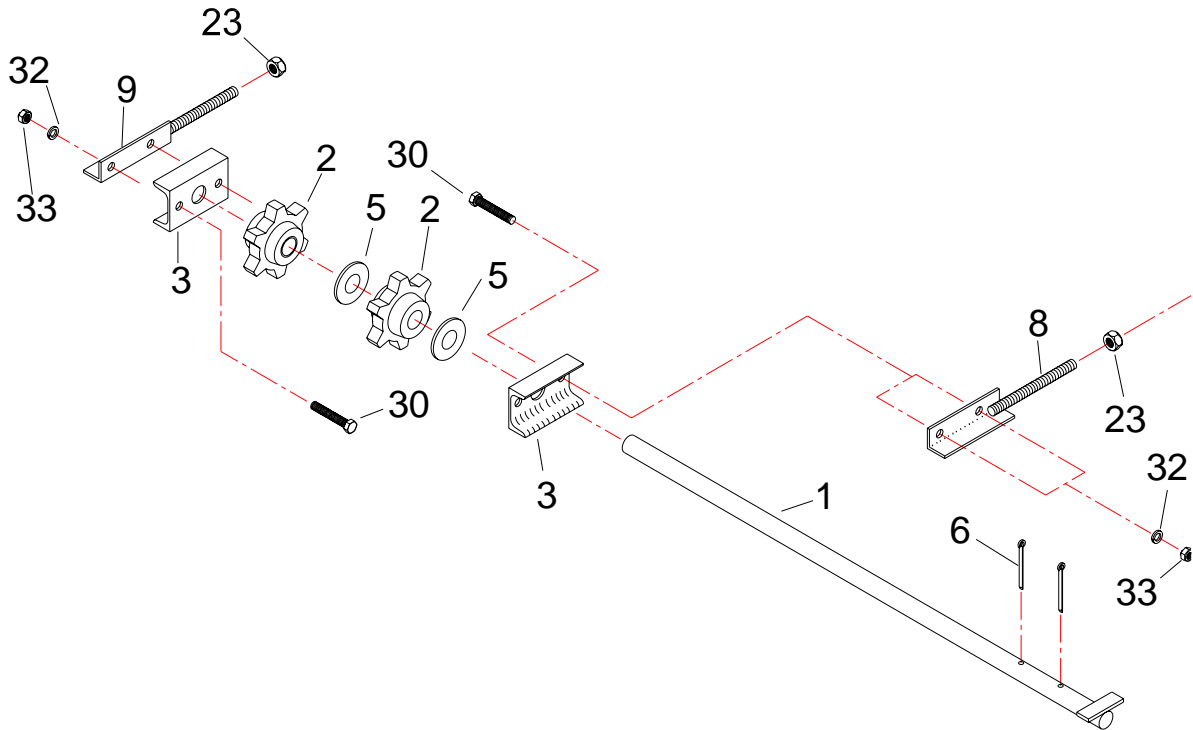
Fit Machine, HK-3, HK-3.5, HK-4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-100461	Front Unloading Shaft
2	HK100462	Sprocket with Grease Fitting
3	HK-100463	Sprocket with Set Screw
4	HK-100464	Bearing

Front Unloading Shaft Assembly

Fit Machine HK-2

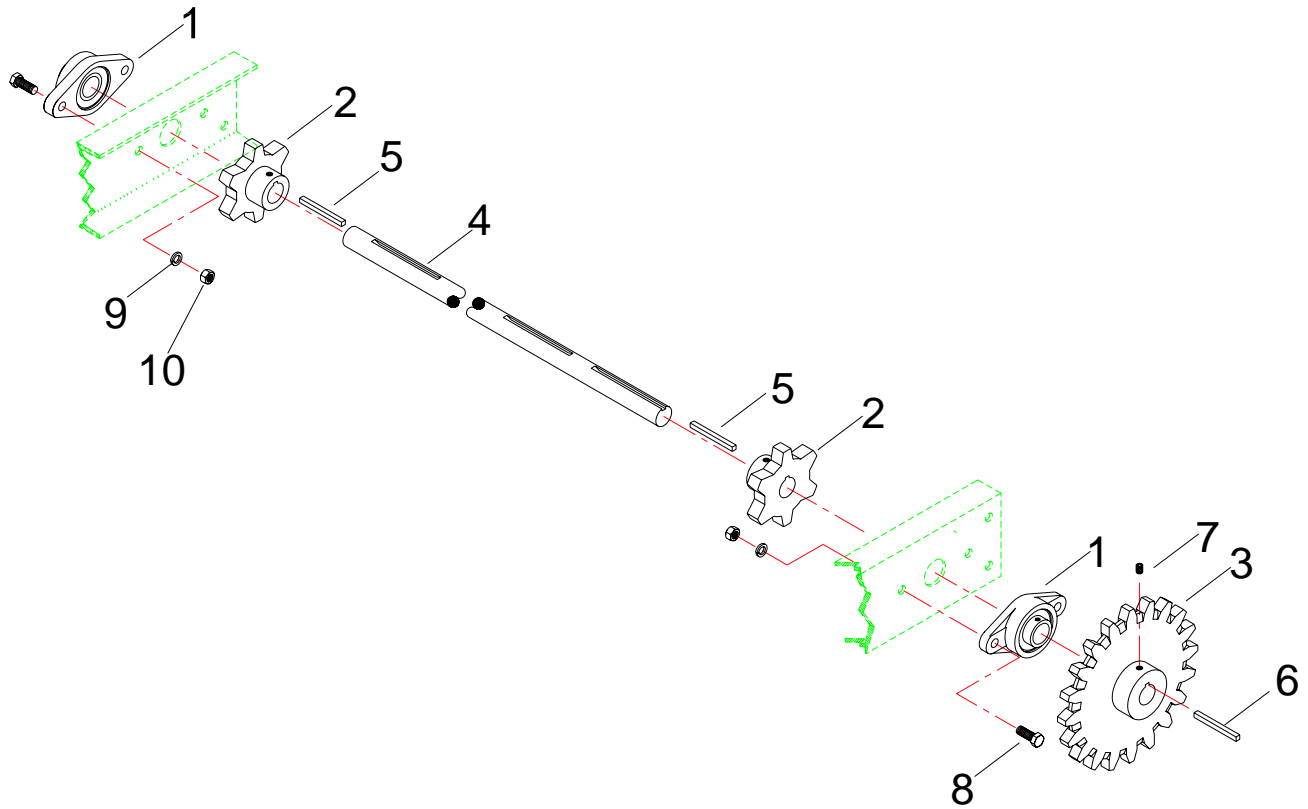


ITEM	PART #	DESCRIPTION
1	02-100436	Front Unloading Shaft
2	02-100437	Sprocket
3	02-100438	Channel
5	HW-325222Z	1-1/8 Flat Washer
6	HW-426120	Cotter Pin 3/16x3
8	HK-100586	Unloading Tensioning Rod (L.H.)
9	HK-100587	Unloading Tensioning Rod (R.H.)
23	HW-300212ZG5	Nut, ZP, 5/8-11NC, gr5
30	HW-308120G5Z	Bolt, HH, ZP, 1/2-13NC x 3, gr5
32	HW-335208Z	Washer, Lock, ZP, 1/2
33	HW-300208ZG5	NUT, Hex, ZP, 1/2-13NC, gr5

Orientation: Standing Behind Machine Looking straight Ahead.

Rear Unloading Shaft Assembly

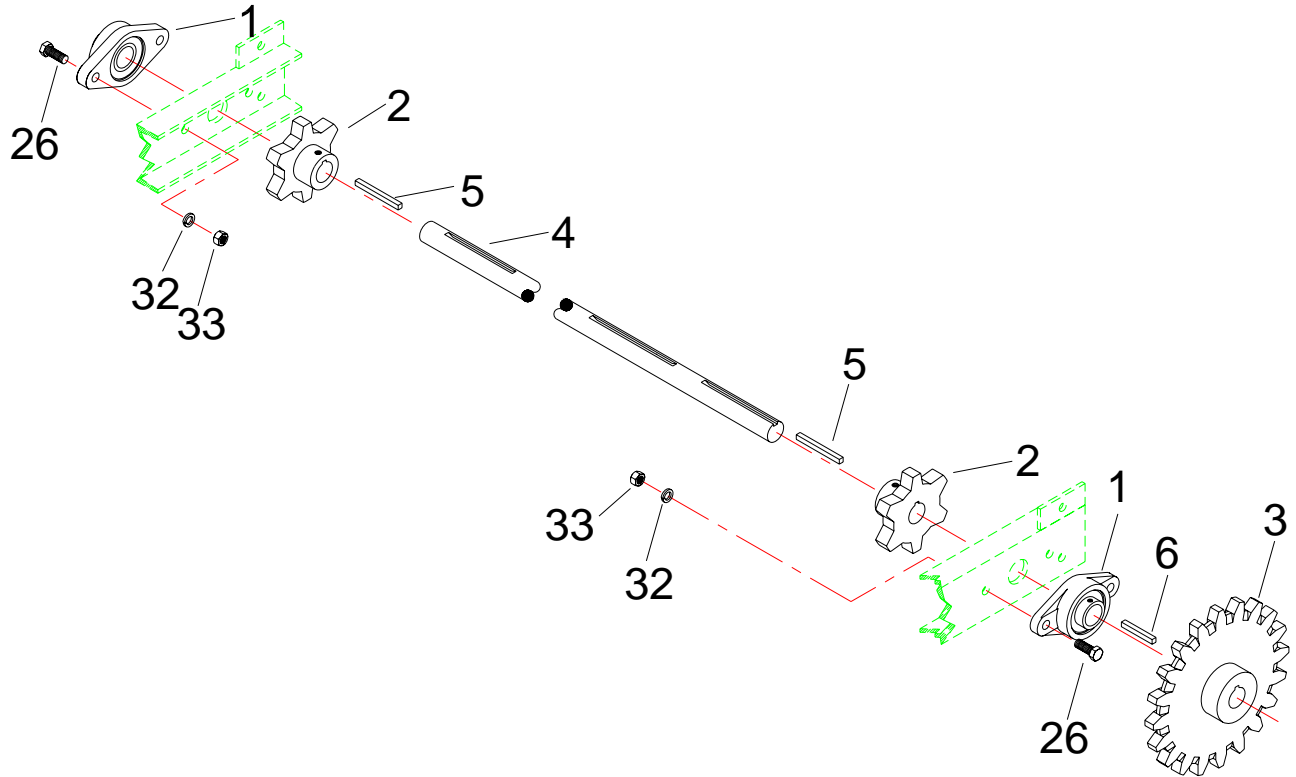
Fit Machine HK-3, HK3.5, HK-4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-100473	Bearing
2	HK-100472	Sprocket
3	HK-100474	Sprocket, Input
4	HK-100471	Shaft
5	HK-100499	Key, 3/8 x 3/8 x 3-1/2
6	HK-100500	Key, 3/8 x 3/8 x 2-1/2
7	HW-625119QBC	Scr, Set, SQ, HD, 3/8-16NC x 1-1/4
8	HW-208108G5Z	Bolt, HH, ZP, 1/2-13NC x 1-1/2
9	HW-335208Z	Washer, Lock, ZP, 1/2
10	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC, gr5

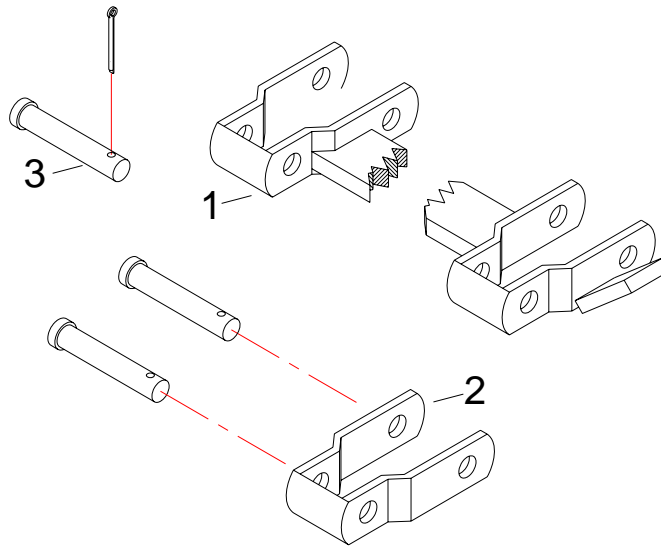
Rear Unloading Shaft Assembly

Fit Machine HK-2



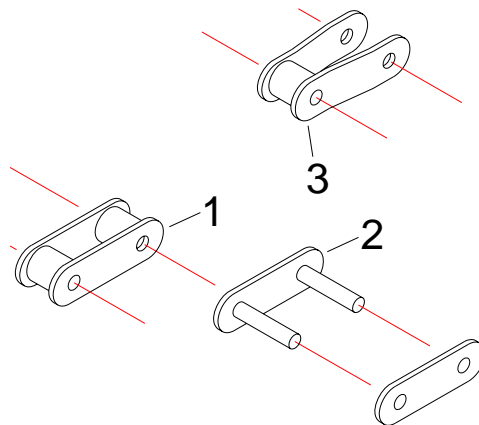
ITEM	PART #	DESCRIPTION
1	02-100444	Bearing
2	02-100442	Sprocket
3	02-100443	Sprocket, Input
4	02-100441	Shaft
5	HK-100498	Key, 5/16 x 5/16 x 3-1/2
6	HK-100496	Key, 5/16 x 5/16x 2-1/2
26	HW-208108G5Z	Bolt, HH, ZP, 1/2-13NC x 1-1/2
32	HW-335208Z	Washer, Lock, ZP, 1/2
33	HW-300208ZG5	Nut, Hex, ZP, 1/2-13-NC, gr5

Unloading Chain and Parts



1	HK-100674	Unloading Bar W/Link
2	HK-100671	Unloading Chain Link
3	ULB1071	Link Pin
4	HK-101985	Unloading Chain Complete (HK-2) Not Shown
5	HK-101980	Unloading Chain Complete (HK-3, HK-3.5, HK-4, HK-5, HK-5LP) Not shown

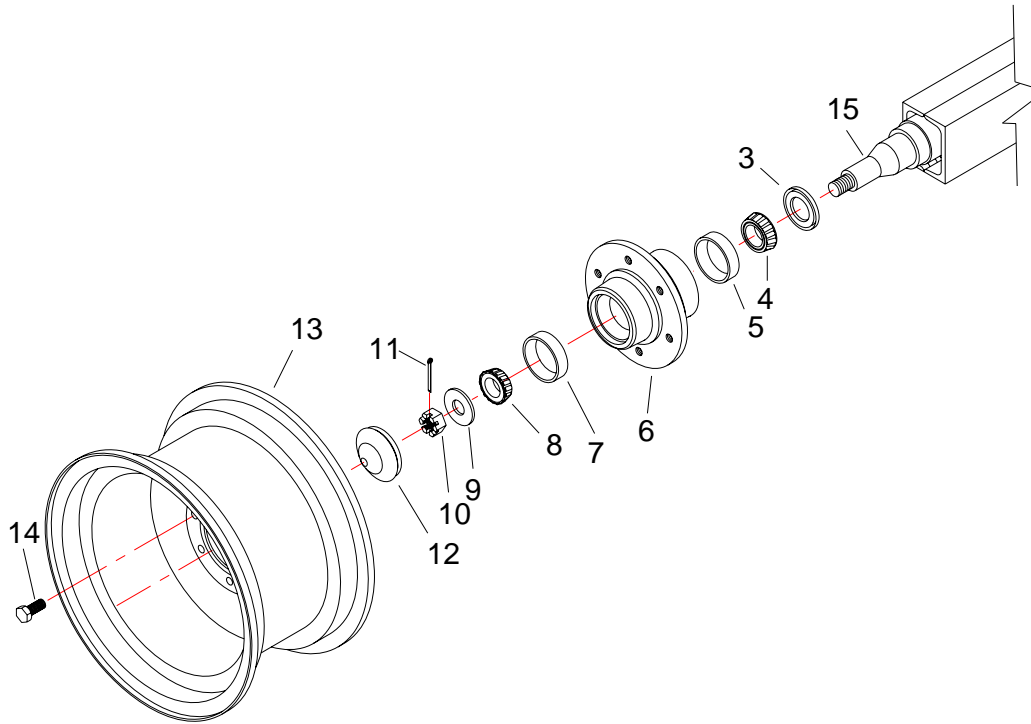
Unloading Drive Chain and Parts



1	RL 550	Roller Link
2	HK-101297	Connecting Link
3	HK-101658	Offset Link
4	02-101337	Unloading Chain Complete (HK-2) Not Shown
5	HK-101299	Unloading Chain Complete (HK-3, HK-3.5, HK-4, HK-5, HK-5LP) Not Shown

Hub Assembly and Wheel

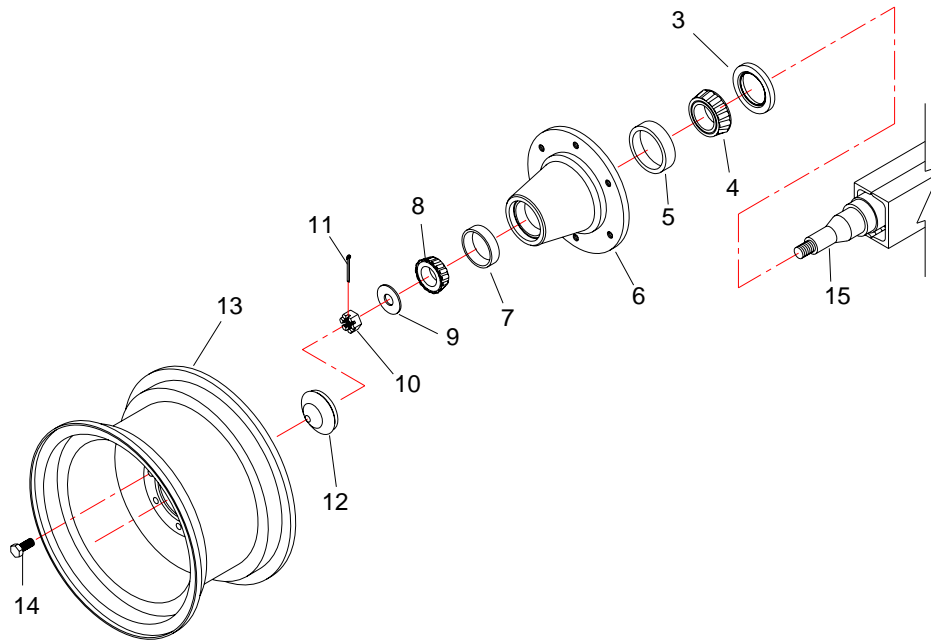
Fit Machine HK-2, & DB-1



ITEM	PART #	DESCRIPTION
2	HK-101326	Hub Assembly (Includes Items 3,4,5,6,7,8,12,14)
3	HK-100740	Seal
4	HK-100739	Inner Bearing
5	HK-100738	Inner Race
6		Hub (Not Sold Separately)
7	HK-100736	Outer Race
8	HK-100737	Outer Bearing
9		Washer, Flat, 7/8" (Not Sold Separately)
10	HW-300219S	Wheel Nut, 7/8-14NF
11		Pin, Cotter, 3/16" x 1-3/4" (Not Sold Separately)
12	HK-100741	Hub Cap
13	02-101339	Wheel
14	HW-960811	Wheel Bolt, 9/16-18NF x 1" gr8
14	HK-101930	WHEEL STUD 9/16-18NF
14	HK-101931	WHEEL LUG NUT 9/16-18NF
15		Spindle (Not Sold Separately)
	HK-100612	Spindle Kit includes Items 9, 10, 11, and 15

Hub Assembly and Wheel

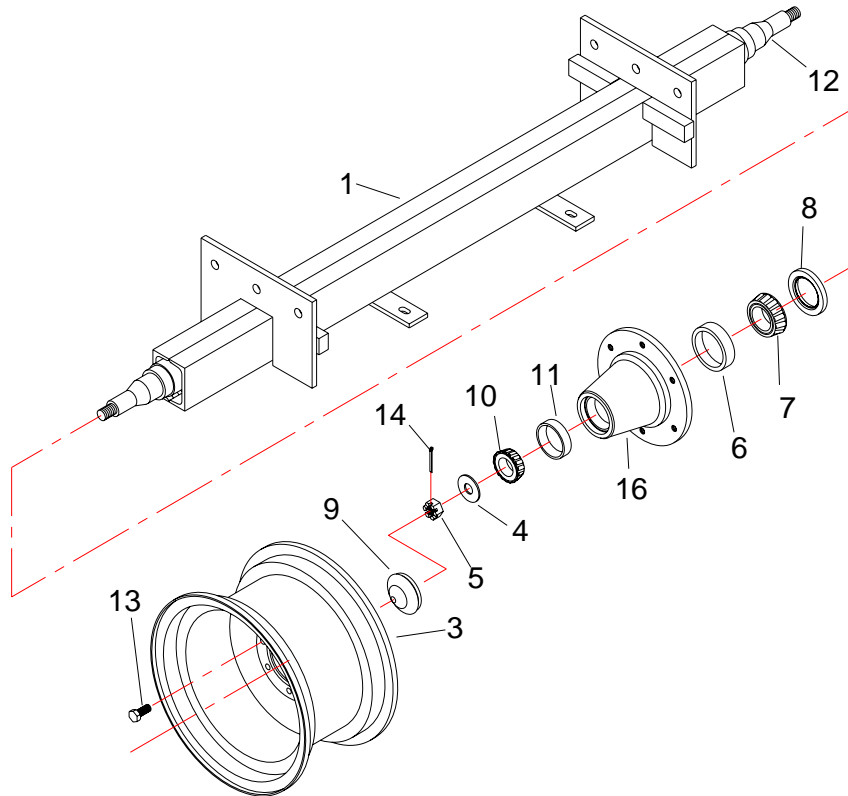
Fit Machine HK-3



ITEM	PART #	DESCRIPTION
2	HK-101321	Hub Assembly (Include Items 3,4,5,6,7,8,12,14)
3	HK-100747	Seal
4	HK-100746	Inner Bearing
5	HK-100745	Inner Race
6		Hub (Not Sold Separately)
7	HK-100743	Outer Race
8	HK-100744	Outer Bearing
9		Washer, Flat, 7/8" (Not Sold Separately)
10	HW-300219S	Wheel Nut
11		Pin, Cotter, 3/16" x 1-3/4" (Not Sold Separately)
12	HK-100741	Hub Cap
13	HK-101323	Wheel
14	HW-960812	Wheel Bolt, 9/16-18NF x 1-1/2" gr8
14	HK-101930	WHEEL STUD 9/16-18NF
14	HK-101931	WHEEL LUG NUT 9/16-18NF
15		Spindle (Not Sold Separately)
	HK-101457	Spindle Kit Includes Items 9, 10, 11, and 15

Single Axle

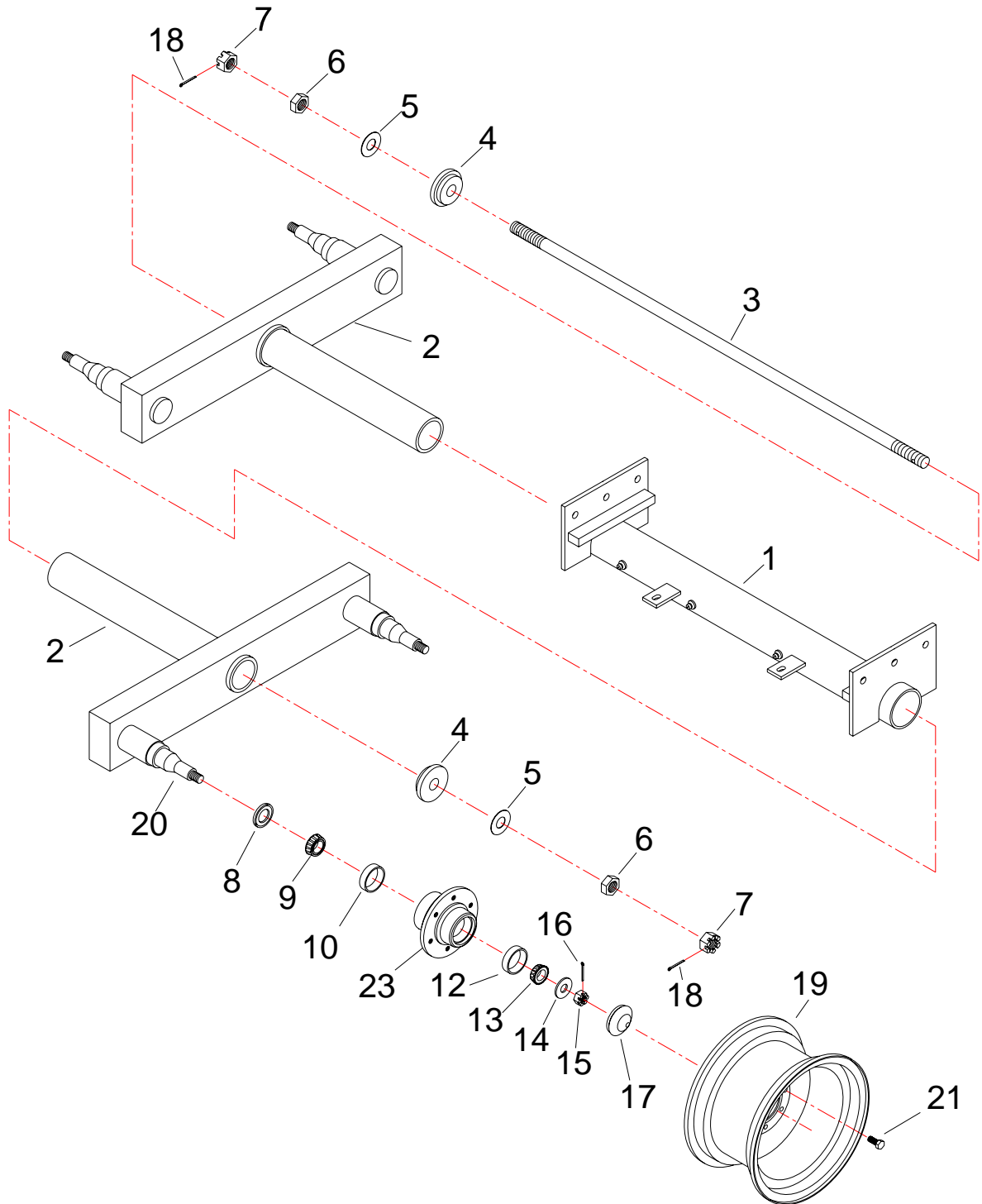
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-101151	Axle (Complete, Items 1, 2, 4, 5, and 14)
2	HK-101321	Hub Assembly(Include Items 8,7,6,11,10,9, 16
3	HK-101323	Wheel
4		Washer, Flat7/8" (Not Sold Separately)
5	HW-300219S	Nut 7/8-14NF
6	HK-100745	Inner Race
7	HK-100746	Inner Bearing
8	HK-100747	Seal
9	HK-100741	Cap
10	HK-100744	Outer Bearing
11	HK-100743	Outer Race
12		Spindle (Not Sold Separately)
13	HW-960812	Wheel Bolt
13	HK-101930	WHEEL STUD 9/16-18NF
13	HK-101931	WHEEL LUG NUT 9/16-18NF
14		Pin, Cotter, 3/16" x 1-3/4" (Not Sold Separately)
15	HK-101457	Spindle Kit Includes Items 4, 5,12, and 14
16		Hub (Not Sold Separately)

Tandem Axle

Fit Machine HK-3.5, HK-3.5, HK-4, HK-5, HK-5LP



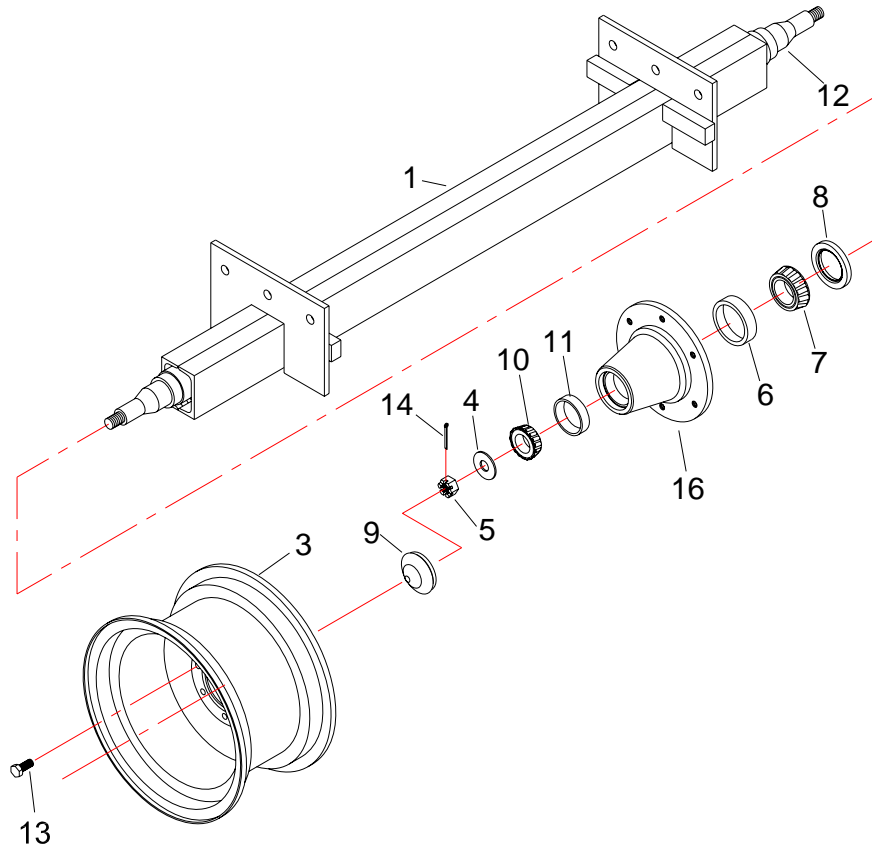
Tandem Axle

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP

ITEM	PART #	DESCRIPTION
1	HK-100603	Axle Mount Tube
2	HK-100602	Tandem Swivel Arm
3	HK-100613	Tandem Tie Rod
4	HK-100608	End Cap
5	HW-325224Z	Washer, Flat, 1-1/4
6	HW-300224J	Nut, Hex, Jam, 1-1/4NC7
7	HW-300224S	Nut, Hex, Slotted, 1-1/4NC-7
8	HK-100740	Wheel Seal
9	HK-100739	Inner Bearing
10	HK-100738	Inner Race
11	HK-101326	Hub Kit (Include Items 8,9,10,12,13,17,21, 23)
12	HK-100736	Outer Race
13	HK-100737	Outer Bearing
14		Washer, Flat, 7/8
15	HW-300219S	Wheel Nut 7/8NC-14
16		Pin, Cotter 3/16 x 1-3/4 (Not Sold Separately)
17	HK-100741	Hub Cap
18	HW-426120	Pin, Cotter, 3/16x3 (Not Sold Separately)
19	HK-101325	Wheel
20		Spindle (Not Sold Separately)
21	HW-960811	Wheel Bolt, 9/16-18NF x 1" gr8
21	HK-101930	WHEEL STUD 9/16-18NF
21	HK-101931	WHEEL LUG NUT 9/16-18NF
22	HK-100612	Spindle Kit includes 14, 15, 16 and 20
23		Hub (Not Sold Separately)

Single Axle

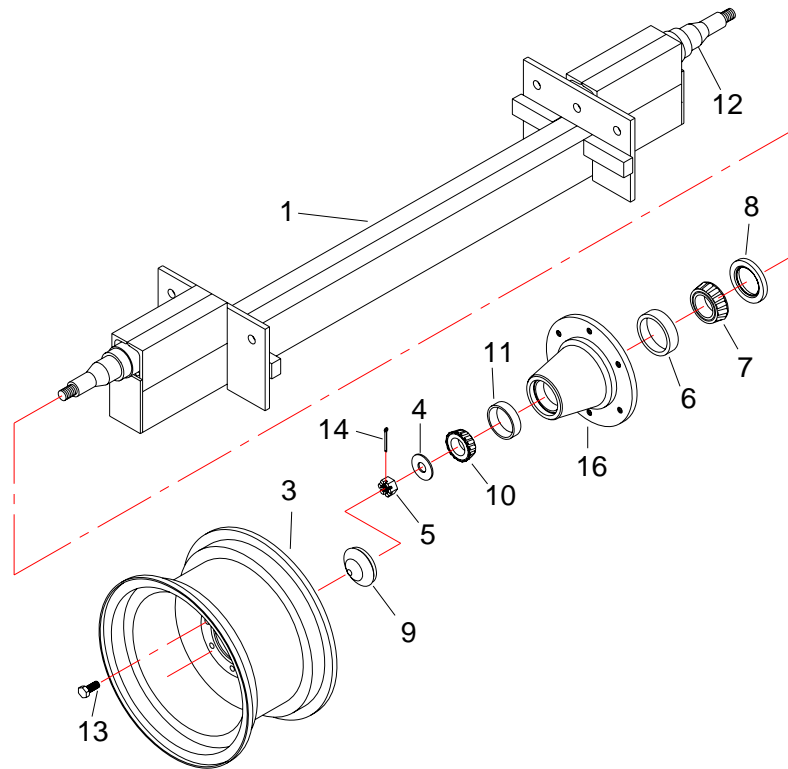
Fit Machine DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
1	DB-200028	Axle
2	HK-101321	Hub Assembly (Include Items 8,7,6,11,10,9,13,16)
3	HK-101323	Wheel
4		Washer, Flat7/8" (Not Sold Separately)
5	HW-300219S	Nut 7/8-14NF
6	HK-100745	Inner Race
7	HK-100746	Inner Bearing
8	HK-100747	Seal
9	HK-100741	Cap
10	HK-100744	Outer Bearing
11	HK-100743	Outer Race
12		Spindle (Not Sold Separately)
13	HW-960812	Wheel Bolt
13	HK-101930	WHEEL STUD 9/16-18NF
13	HK-101931	WHEEL LUG NUT 9/16-18NF
14		Pin, Cotter, 3/16" x 1-3/4" (Not Sold Separately)
15	HK-101457	Spindle Kit Includes Items 4, 5,12, and 14
16		Hub (Not Sold Separately)

Low-Rider Single Axle

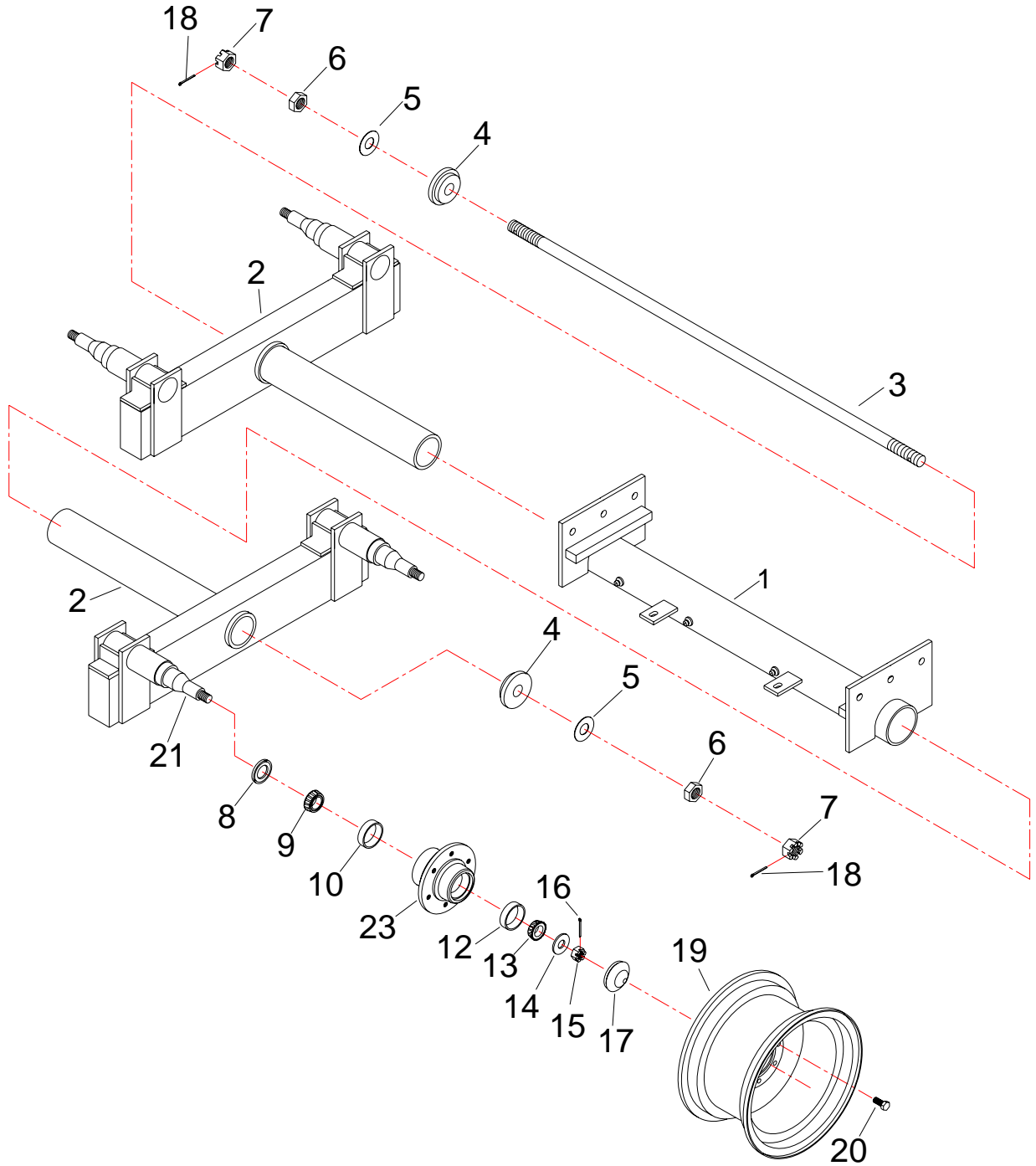
(Started With *Serial # 6001*)
Fit Machine DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
1	DB-200087	Axle
2	HK-101321	Hub Assembly (Items Include 16, 8,7,6,11,10,9)
3	HK-101323	Wheel
4		Washer, Flat, 7/8 (Not Sold Separately)
5	HW-300219S	Nut, 7/8-14NF
6	HK-100745	Inner Race
7	HK-100746	Inner Bearing
8	HK-100747	Seal
9	HK-100741	Cap
10	HK-100744	Outer Bearing
11	HK-100743	Outer Race
12		Spindle (Not Sold Separately)
13	HW-960812	Wheel Bolt
13	HK-101930	WHEEL STUD 9/16-18NF
13	HK-101931	WHEEL LUG NUT 9/16-18NF
14		Pin, Cotter, 6/16 x 1-3/4 (Not Sold Separately)
15	HK-101771	Spindle Kit Includes Items 4, 5, 12, and 14
16		Hub (Not Sold Separately)

Low-Rider Tandem Axle

(Started with *Serial # 6001*)
Fit Machine DB-2, DB-2LP, DB-4



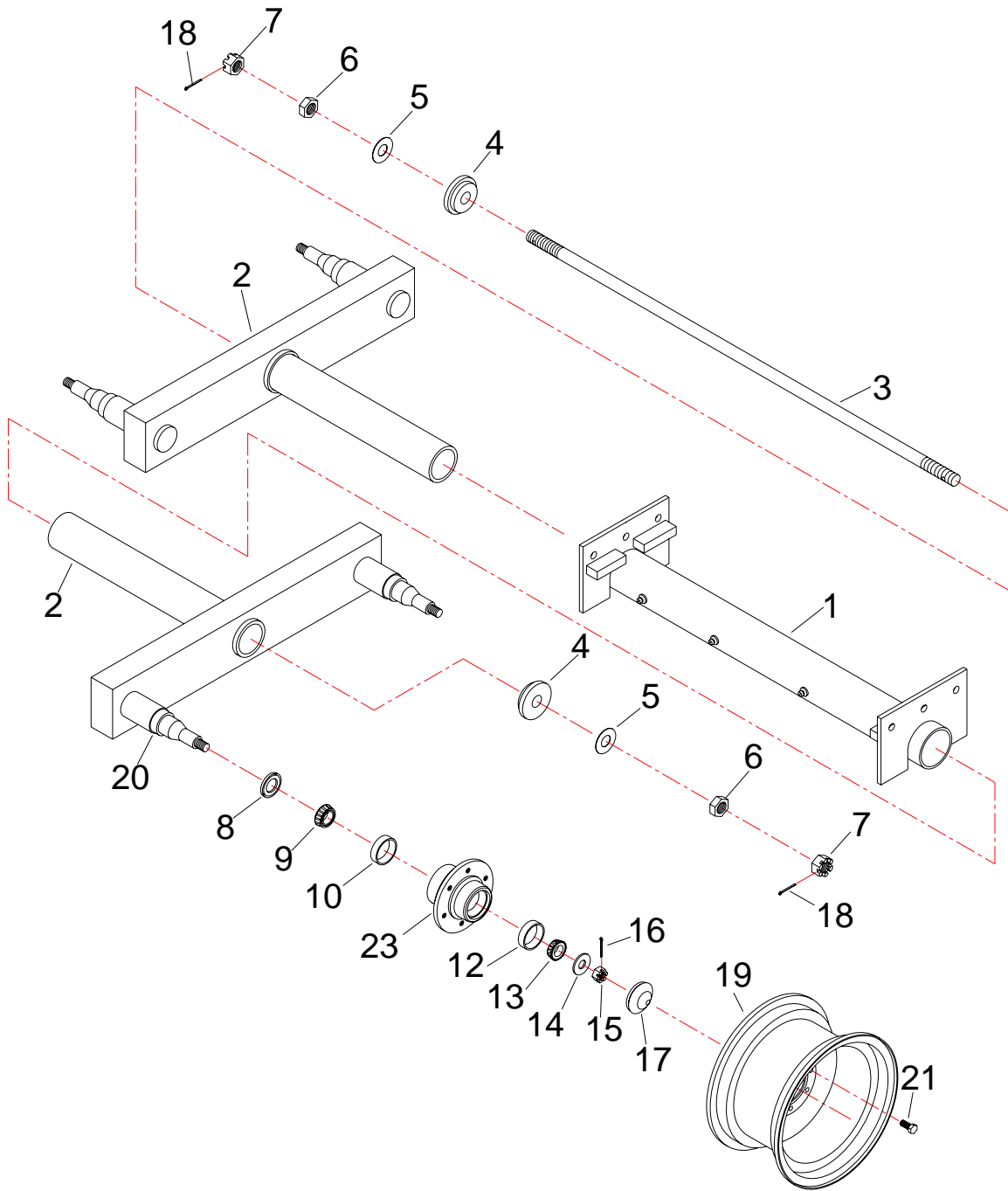
Low-Rider Tandem Axle

(Started With *Serial # 6001*)
Fit Machine DB-2, DB-2LP, DB-4

ITEM	PART #	DESCRIPTION
1	DB-200007	Axle Mount Tube
2	HK-101768	Low Rider Tandem Swivel Arm
3	DB-200009	Tandem Tie Rod
4	HK-100608	End Cap
5	HW-325224Z	Washer, Flat, 1-1/4
6	HW-300224J	Nut, Hex, Jam 1-1/4-7NC
7	HW-300224S	Nut, Hex, Slotted 1-1/4-7NC
8	HK-100740	Wheel Seal
9	HK-100739	Inner Bearing
10	HK-100738	Inner Race
11	HK-101326	Hub (Include Items 8,9,10,12,13,17,20,23)
12	HK-100736	Outer Race
13	HK-100737	Outer Bearing
14		Washer, Flat, 7/8 (Not Sold Separately)
15	HW-300219S	Wheel Nut 7/8-14NF
16		Pin, Cotter 3/16 x 1-3/4 (Not Sold Separately)
17	HK-100741	Hub Cap
18	HW-426120	Pin Cotter, 3/16 x 3
19	HK-101325	Wheel
20	HW-960811	Wheel Bolt, 9/16-18NF x 1" gr8
20	HK-101930	WHEEL STUD 9/16-18NF
20	HK-101931	WHEEL LUG NUT 9/16-18NF
21		Spindle (Not Sold Separately)
22	HK-100612	Spindle Kit includes 14, 15, 16 and 21
23		Hub (Not Sold Separately)

Tandem Axle

Fit Machine DB-2, DB-2LP, DB-4



Tandem Axle

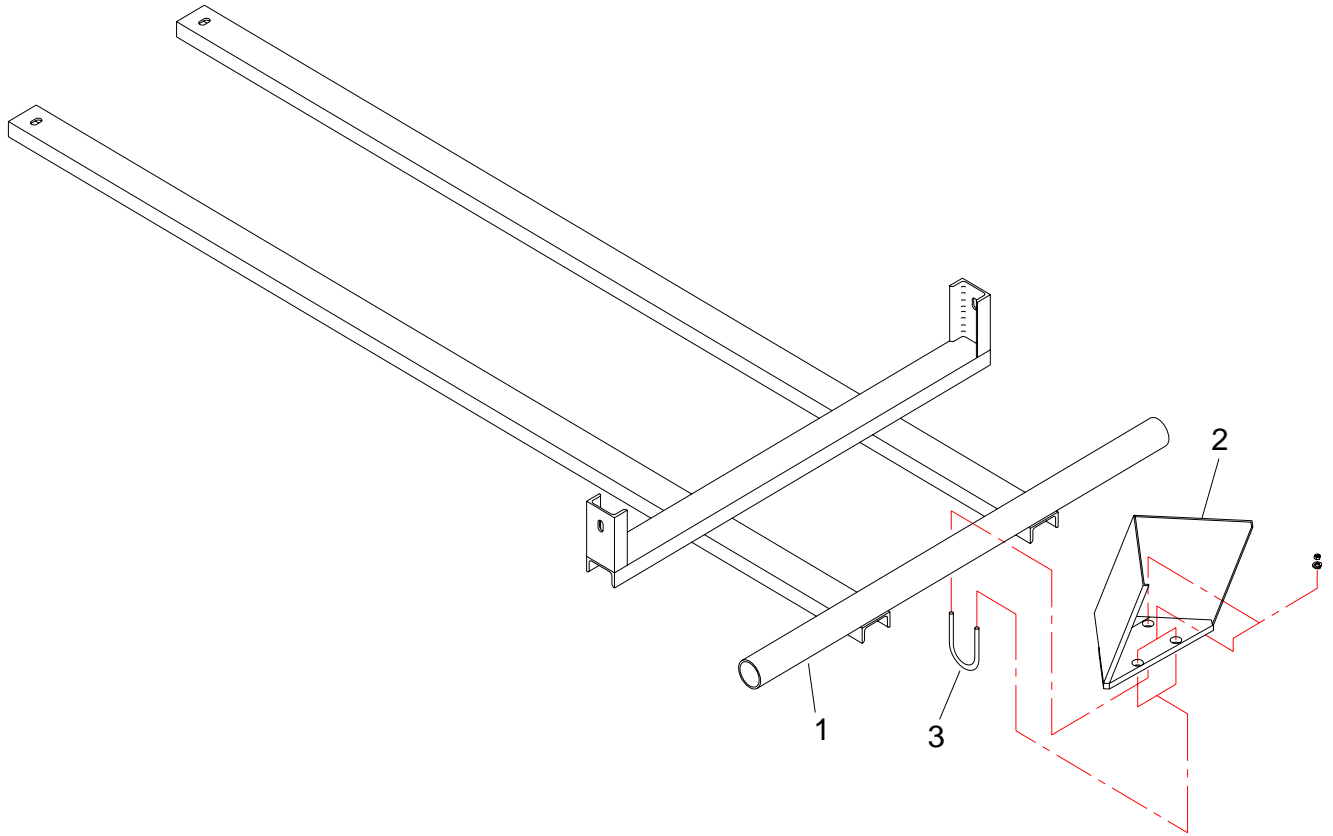
Fit Machine DB-2, DB-2LP, DB-4

ITEM	PART #	DESCRIPTION
1	DB-200007	Axle Mount Tube
2	HK-100602	Tandem Swivel Arm
3	DB-200009	Tandem Tie Rod
4	HK-100608	End Cap
5	HW-325224Z	Washer, Flat, 1-1/4
6	HW-300224J	Nut, Hex, Jam, 1-1/4-7NC
7	HW-300224S	Nut, Hex, Slotted, 1-1/4-7NC
8	HK-100740	Wheel Seal
9	HK-100739	Inner Bearing
10	HK-100738	Inner Race
11	HK-101326	Hub (Include Items 8,9,10,12,13,17,20,23)
12	HK-100736	Outer Race
13	HK-100737	Outer Bearing
14		Washer, Flat, 7/8
15	HW-300219S	Wheel Nut 7/8-14NF
16		Pin, Cotter 3/16 x 1-3/4 (Not Sold Separately)
17	HK-100741	Hub Cap
18	HW-426120	Pin, Cotter, 3/16x3 (Not Sold Separately)
19	HK-101325	Wheel
20		Spindle (Not Sold Separately)
21	HW-960811	Wheel Bolt, 9/16-18NF x 1" gr8
21	HK-101930	WHEEL STUD 9/16-18NF
21	HK-101931	WHEEL LUG NUT 9/16-18NF
22	HK-100612	Spindle Kit includes 14, 15, 16 and 20
23		Hub (Not Sold Separately)

Bumper and Deflector

Up To Serial # 6918

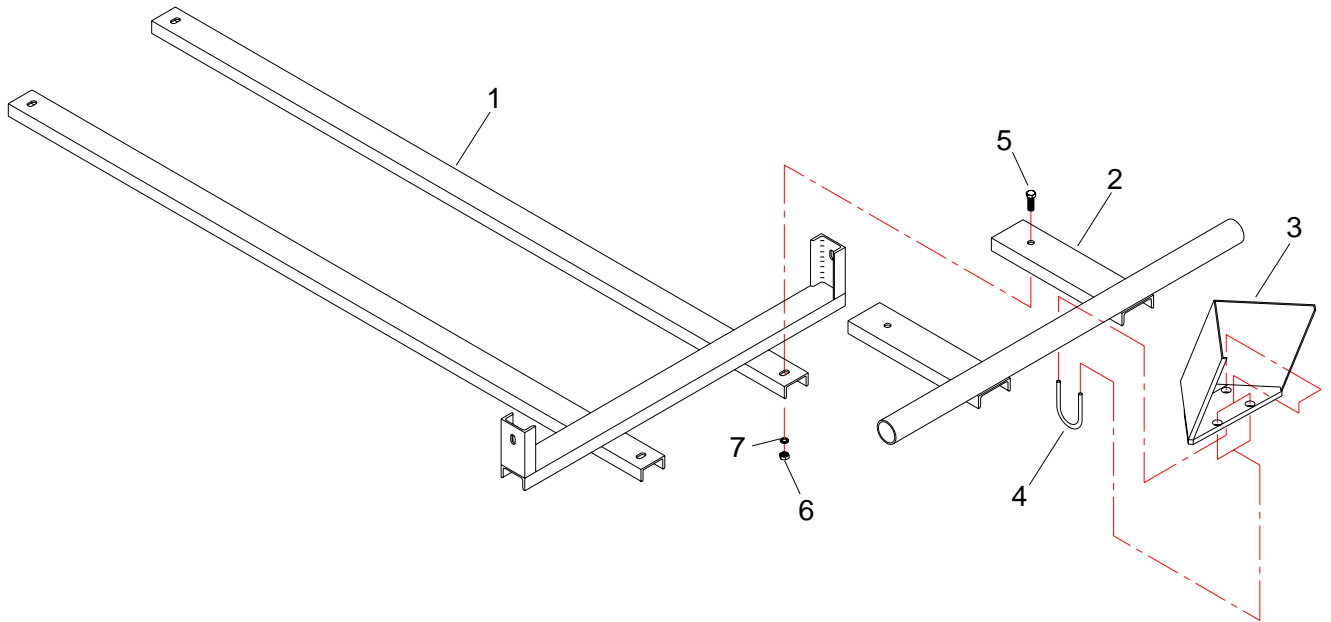
Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-100093	Bumper (Fit Machine HK-2)
1	HK-100088	Bumper (Fit Machine HK-3, HK-4, HK-5, HK-5LP)
2	HK-100015	Deflector
3	SP-200115	U-Bolt

Bumper and Deflector

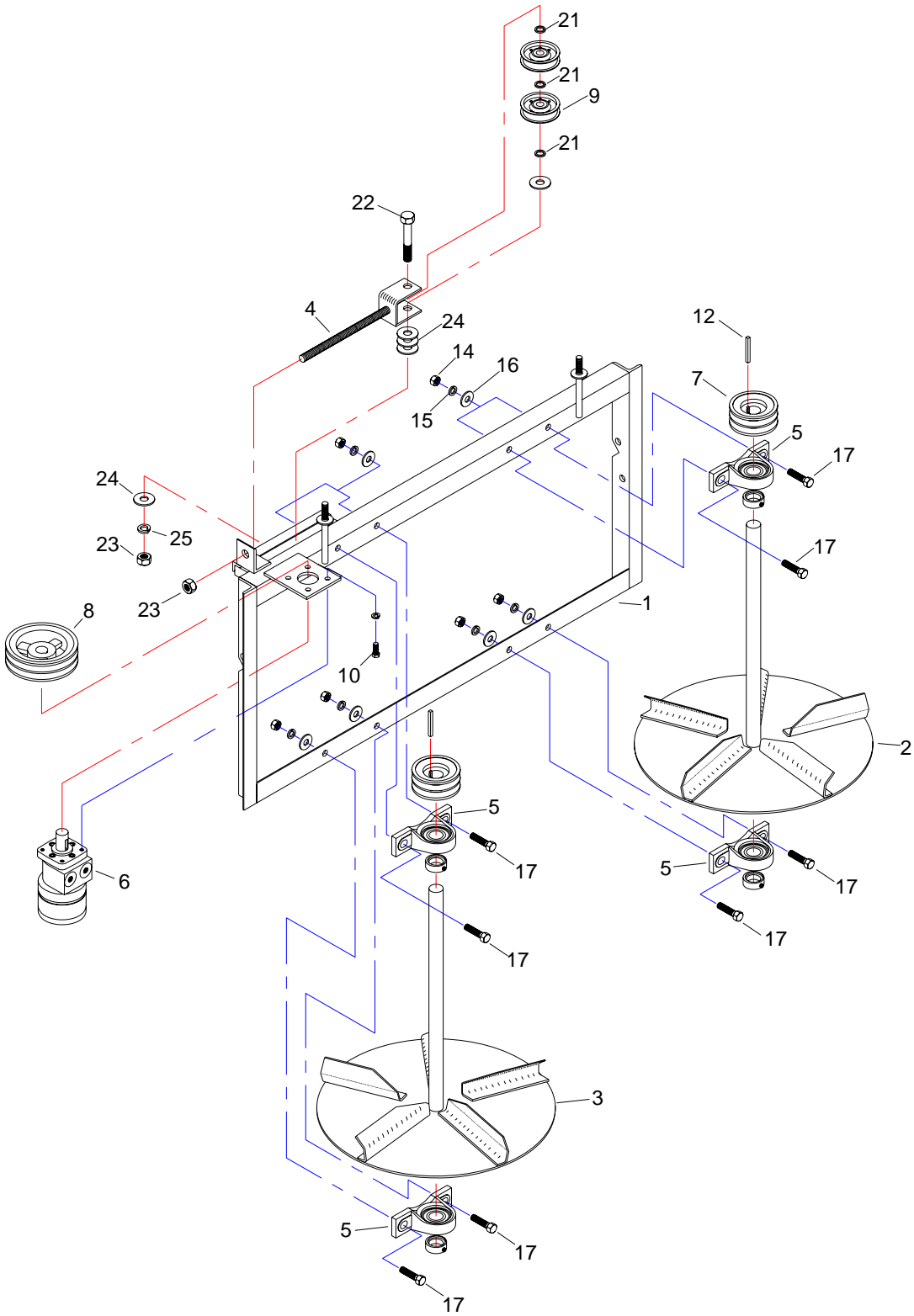
Serial # 6919 and Up
Fit Machine HK-2, HK-3, HK-3.5, HK4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-101825	Bumper Front (Fit Machine HK-2)
1	HK-101817	Bumper Front (Fit Machine HK-3, HK-3.5, HK-4, HK-5, HK-5LP)
2	HK-101818	Bumper Rear
3	HK-100015	Deflector
4	SP-200115	U-Bolt
5	HW-208108G5Z	Bolt, Hex Head, 1/2-13NC x 1-1/2, G5, ZP
6	HW-300208ZG5	Nut, Hex, 1/2-13NC, ZP, G5
7	HW-335208Z	1/2, Washer, Lock

Spinner Assembly

Fit Machine HK-2



Spinner Assembly

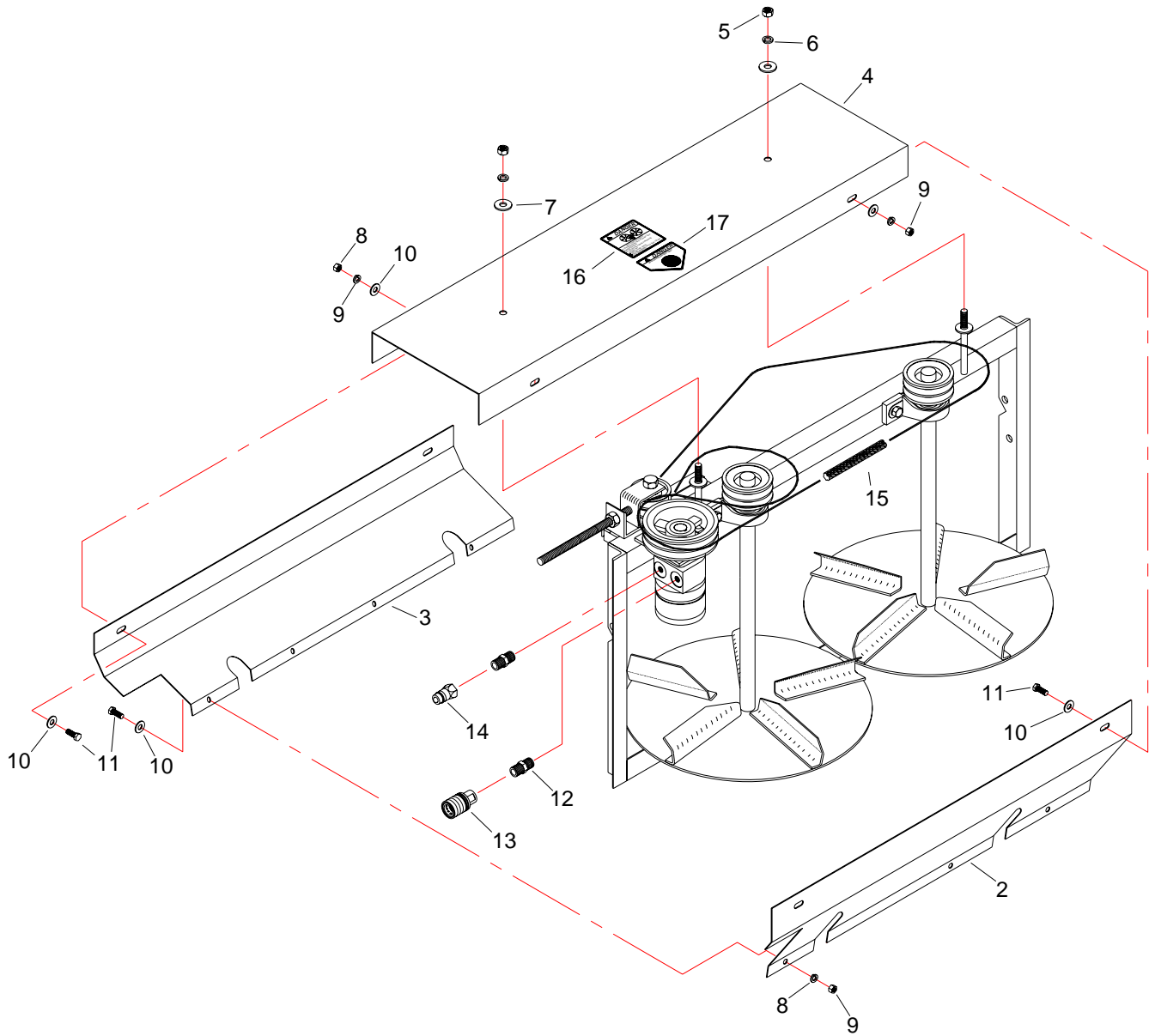
Fit Machine HK-2

ITEM	PART #	DESCRIPTION
1	HK-100096	Spinner Frame
2	HK-100408	R.H. Spinner Fan
3	HK-100412	L.H. Spinner Fan
4	HK-100398	Idler Adjustment
5	HK-100389	Bearing
6	HK-100954	Hydraulic Motor (See Page 124-125)
7	HK-100551	Spinner Fan Pulley
8	HK-100555	Spinner Drive Motor Pulley
9	HK-100960	Spinner Idler Pulley
10	HW-204103G5Z	Bolt, Hex, 3/8"-16NC x 7/8
11	HW-335204Z	Washer, Lock, 3/8 ZP
12	HK-100495	Key 1/4 x 1/4 x 2-1/2
14	HW-300208ZG5	Nut, Hex ZP 1/2-13NC GR5
15	HW-335208Z	Washer, Lock, ZP, 1/2
16	HW-325208Z	Washer, Flat ZP X 1/2
17	HW-208112G5Z	Bolt, 1/2-13NC x 2
21	HK-100961	Shim
22	HW-212128G5Z	Bolt 5/8-11NC x 4
23	HW-300212ZG5	Nut, 5/8-11NC
24	HW-325212Z	Washer, Flat, 5/8
25	HW-335212Z	Washer, Lock, 5/8

Orientation: Standing Behind Machine Looking straight Ahead.

Spinner Assembly Guards

Fit Machine HK-2



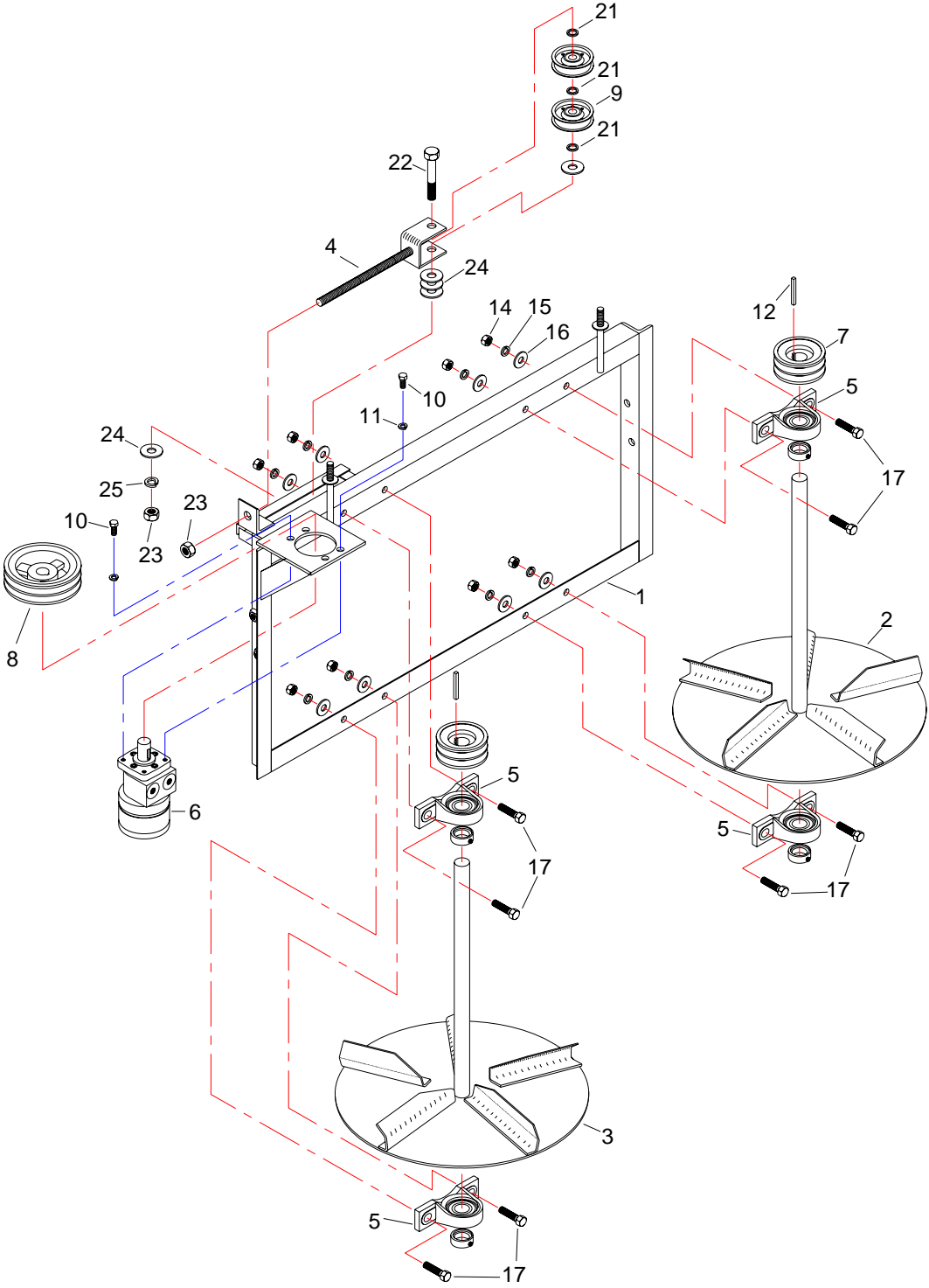
Spinner Assembly Guards

Fit Machine HK-2

ITEM	PART #	DESCRIPTION
1	HK-101335	Spinner Assembly Complete
2	HK-100031	Lower Rear Fan Belt Guard
3	HK-100030	Lower Front Fan Bent Guard
4	HK-100004	Top Fan Belt Guard
5	HW-300208ZG5	Nut, 1/2-13NC
6	HW-335208Z	Washer, Lock, 1/2
7	HW-325208Z	Washer, Flat, 1/2
8	HW-335204Z	Washer, Lock 3/8
9	HW-300204ZG5	Nut, 3/8-16NC
10	HW-325204Z	Washer, Flat, 3/8
11	HW-204104G5Z	Bolt, 3/8-16NC x 1
12	HK-100963	Nipple 1/2 x 1/2
13	HK-100964	Quick Coupler (Female)
14	HK-100965	Quick Coupler (male)
15	HK-100950	Belt (2 Required)
16	HK-100917	Decal, Danger Spinner
17	HK-100916	Decal, Danger Hands and Feet
18	HK-100993	Cap, Quick Connect (Not Shown)
19	HK-100994	Plug, Quick Connect (Not Shown)

Spinner Assembly

Fit Machine HK-3



Spinner Assembly

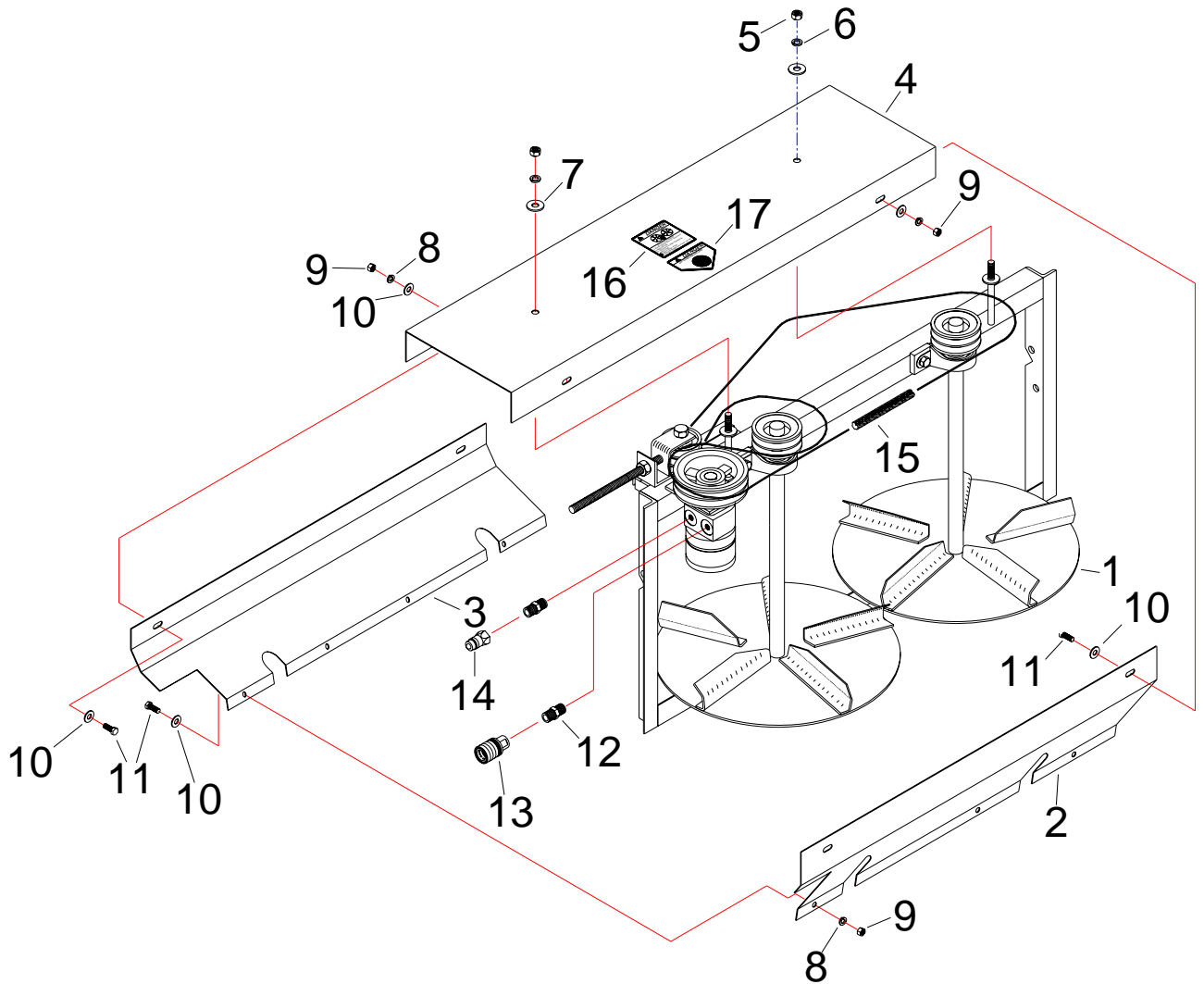
Fit Machine HK-3

ITEM	PART #	DESCRIPTION
1	HK-101311	Spinner Frame
2	HK-100408	R.H. Spinner Fan
3	HK-100412	L.H. Spinner Fan
4	HK-100398	Idler Adjustment
5	HK-100389	Bearing
6	HK-100954	Hydraulic Motor (See Page 124-125)
7	HK-100551	Spinner Fan Pulley
8	HK-100555	Spinner Drive Motor Pulley
9	HK-100960	Spinner Idler Pulley
10	HW-204103G5Z	Bolt, Hex, 3/8"-16NC x 7/8
11	HW-335204Z	Washer, Lock, 3/8 ZP
12	HK-100495	Key 1/4 x 1/4 x 2-1/2
14	HW-300208ZG5	Nut, Hex ZP 1/2-13NC gr5
15	HW-335208Z	Washer, Lock, ZP, 1/2
16	HW-325208Z	Washer, Flat ZP X 1/2
17	HW-208112G5Z	Bolt, 1/2-13NC x 2
21	HK-100961	Shim
22	HW-212128G5Z	Bolt 5/8-11NC x 4
23	HW-300212ZG5	Nut, 5/8-11NC
24	HW-325212Z	Washer, Flat, 5/8
25	HW-335212Z	Washer, Lock, 5/8

Orientation: Standing Behind Machine Looking straight Ahead.

Spinner Assembly Guards

Fit Machine HK-3



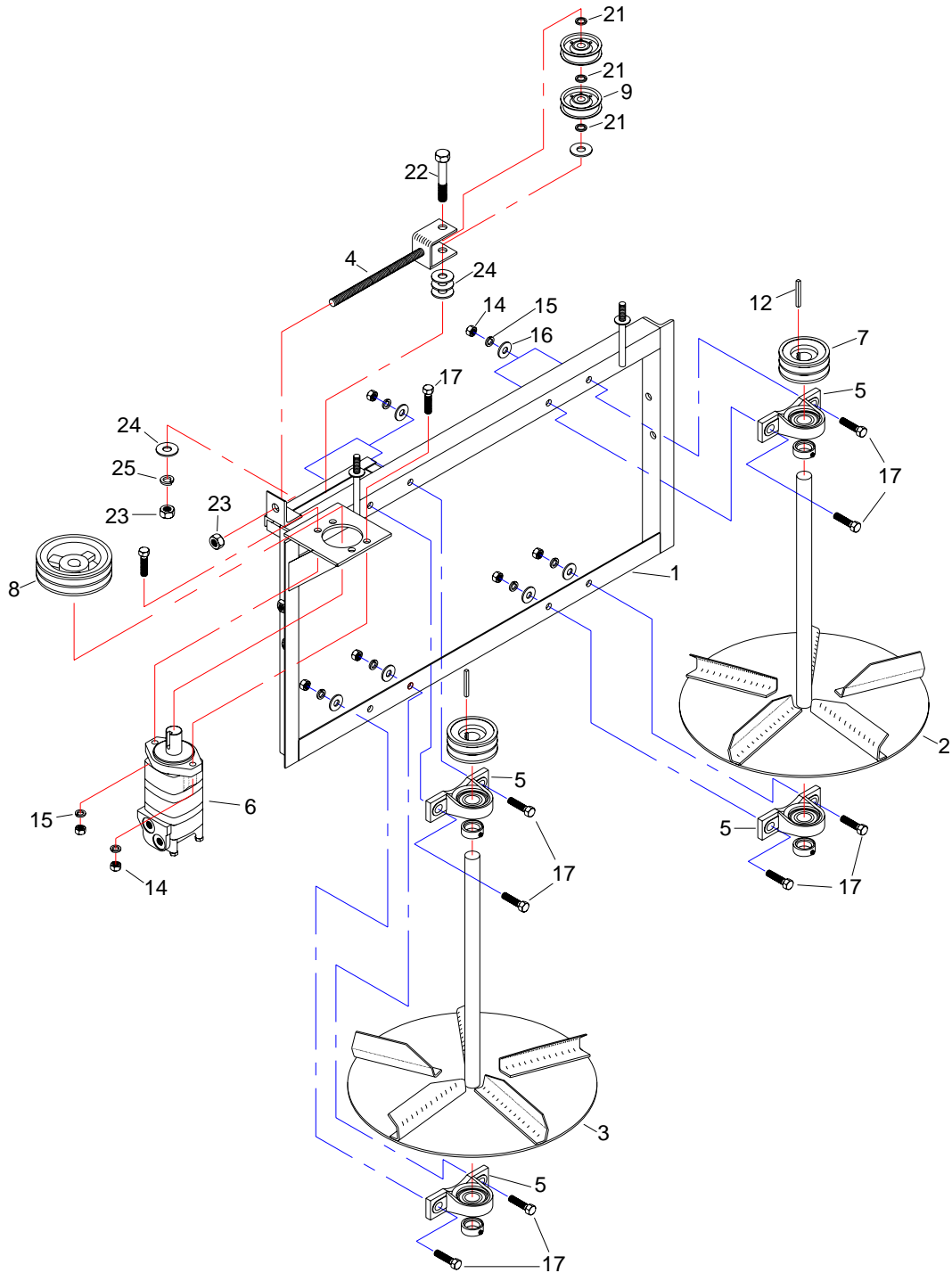
Spinner Assembly Guards

Fit Machine HK-3

ITEM	PART #	DESCRIPTION
1	HK-101334	Spinner Assembly Complete
2	HK-100031	Lower Rear Fan Belt Guard
3	HK-100030	Lower Front Fan Bent Guard
4	HK-100004	Top Fan Belt Guard
5	HW-300208ZG5	Nut, 1/2-13NC
6	HW-335208Z	Washer, Lock, 1/2
7	HW-325208Z	Washer, Flat, 1/2
8	HW-335204Z	Washer, Lock 3/8
9	HW-300204ZG5	Nut, 3/8-16NC
10	HW-325204Z	Washer, Flat, 3/8
11	HW-204104G5Z	Bolt, 3/8-16NC x 1
12	HK-100963	Nipple 1/2 x 1/2
13	HK-100964	Quick Coupler (Female)
14	HK-100965	Quick Coupler (male)
15	HK-100950	Belt (2 Required)
16	HK-100917	Decal, Danger Spinner
17	HK-100916	Decal, Danger Hands and Feet
19	HK-100993	Cap, Quick Connect (Not Shown)
20	HK-100994	Plug, Quick Connect (Not Shown)

Spinner Assembly

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP



Spinner Assembly

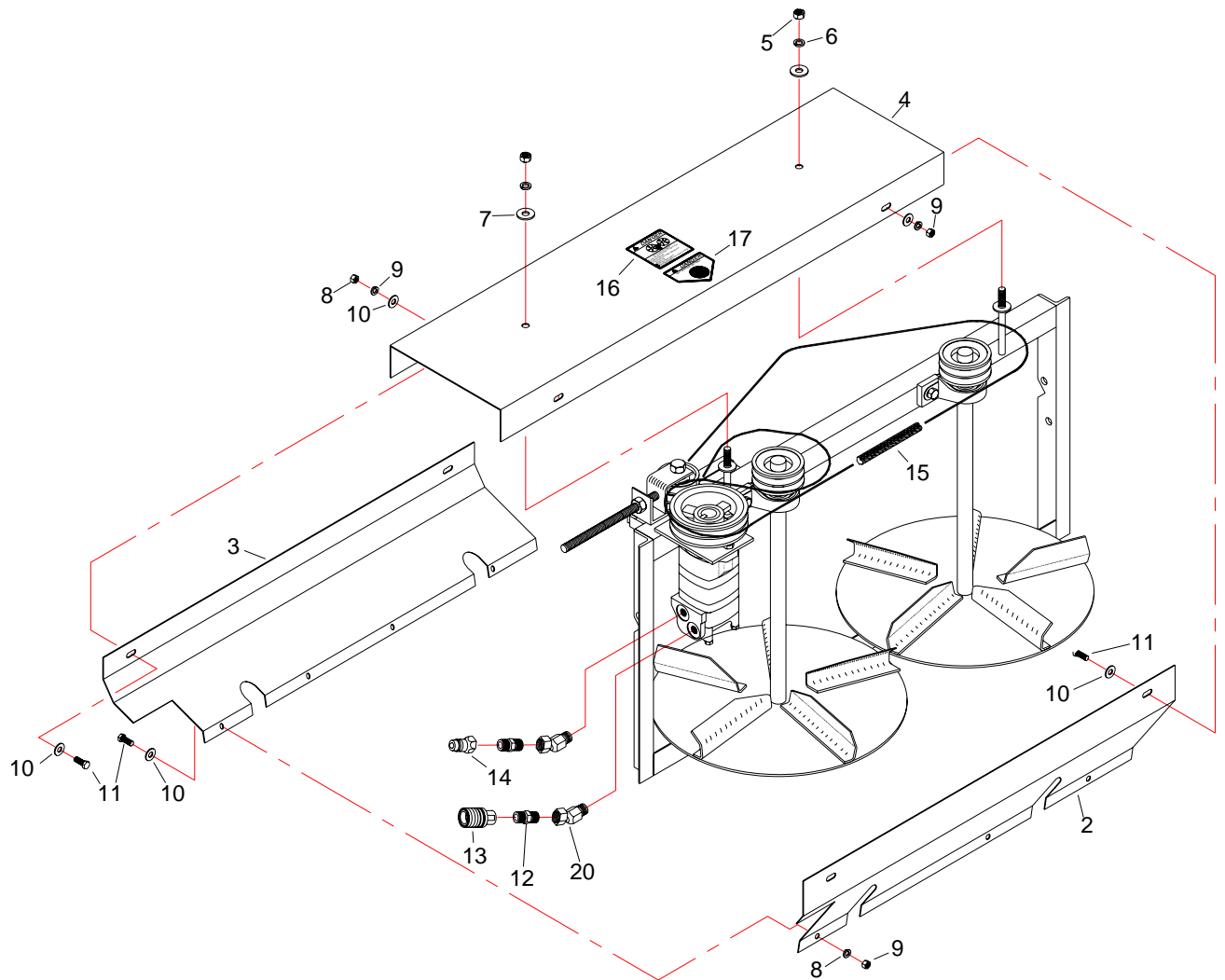
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP

ITEM	PART #	DESCRIPTION
1	HK-100061	Spinner Frame
2	HK-100408	R.H. Spinner Fan
3	HK-100412	L.H. Spinner Fan
4	HK-100398	Idler Adjustment
5	HK-100389	Bearing
6	HK-100955	Hydraulic Motor (See Page 120-121)
7	HK-100551	Spinner Fan Pulley
8	HK-100555	Spinner Drive Motor Pulley
9	HK-100960	Spinner Idler Pulley
10	HW-204103G5Z	Bolt, 3/8"-16NC x 7/8
11	HW-335204Z	Washer, Lock, 3/8 ZP
12	HK-100495	Key 1/4 x 1/4 x 2-1/2
14	HW-300208ZG5	Nut, Hex ZP 1/2-13NC GR5
15	HW-335208Z	Washer, Lock, ZP, 1/2
16	HW-325208Z	Washer, Flat ZP X 1/2
17	HW-208112G5Z	Bolt, 1/2-13NC x 2
21	HK-100961	Shim
22	HW-212128G5Z	Bolt 5/8-11NC x 4
23	HW-300212ZG5	Nut, 5/8-11NC
24	HW-325212Z	Washer, Flat, 5/8
25	HW-335212Z	Washer, Lock, 5/8

Note: Spinner Guards see page 78 - 79.

Spinner Assembly Guards

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP



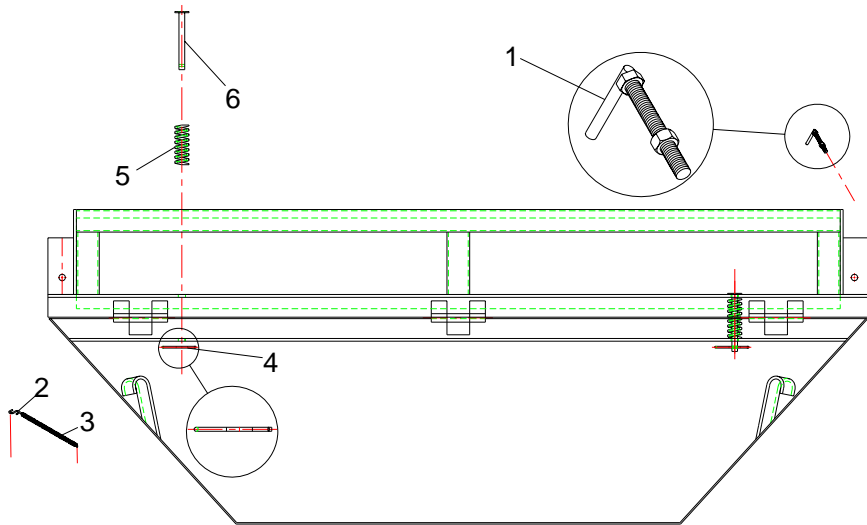
Spinner Assembly Guards

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP

ITEM	PART #	DESCRIPTION
1	HK-101333	Spinner Assembly Complete
2	HK-100031	Lower Rear Fan Belt Guard
3	HK-100030	Lower Front Fan Bent Guard
4	HK-100004	Top Fan Belt Guard
5	HW-300208ZG5	Nut, 1/2-13NC
6	HW-335208Z	Washer, Lock, 1/2
7	HW-325208Z	Washer, Flat, 1/2
8	HW-335204Z	Washer, Lock 3/8
9	HW-300204ZG5	Nut, 3/8-16NC
10	HW-325204Z	Washer, Flat, 3/8
11	HW-204104G5Z	Bolt, 3/8-16NC x 1
12	HK-100963	Nipple 1/2 x 1/2
13	HK-100964	Quick Coupler (Female)
14	HK-100965	Quick Coupler (male)
15	HK-100950	Belt
16	HK-100917	Decal, Danger Spinner
17	HK-100916	Decal, Danger Hands and Feet
18	HK-100993	Cap, Quick Connect (Not Shown)
19	HK-100994	Plug, Quick Connect (Not Shown)
20	HK-100962	45° Elbow

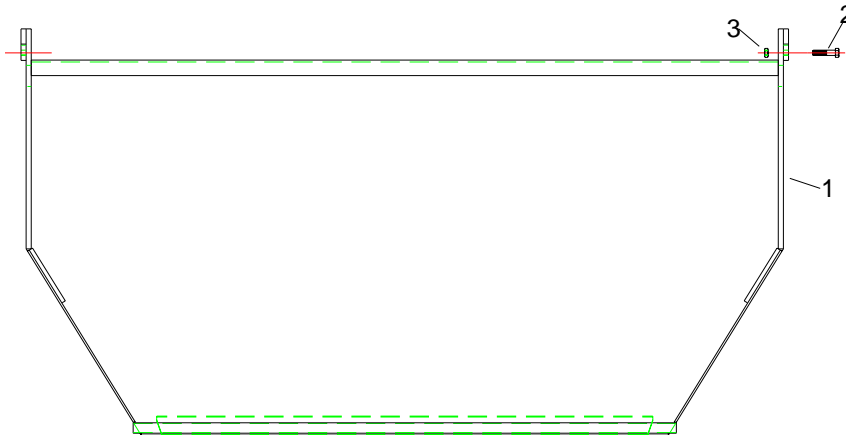
Tailgate Parts

Fit Machine HK-2, HK-3, HK-3.5, HK4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-100952	Tailgate Attach Bolt
2	02-100265	S-Hook
3	HK-100717	Tailgate Spring
4	HW-500221	Hair Pin
5	HK-100726	Spring
6	HK-100725	Pin
	HK-101857	Tailgate Kit (HK-2, HK-3, HK-3.5, HK5LP)
	HK-101858	Tailgate Kit (HK-4, & HK-5)

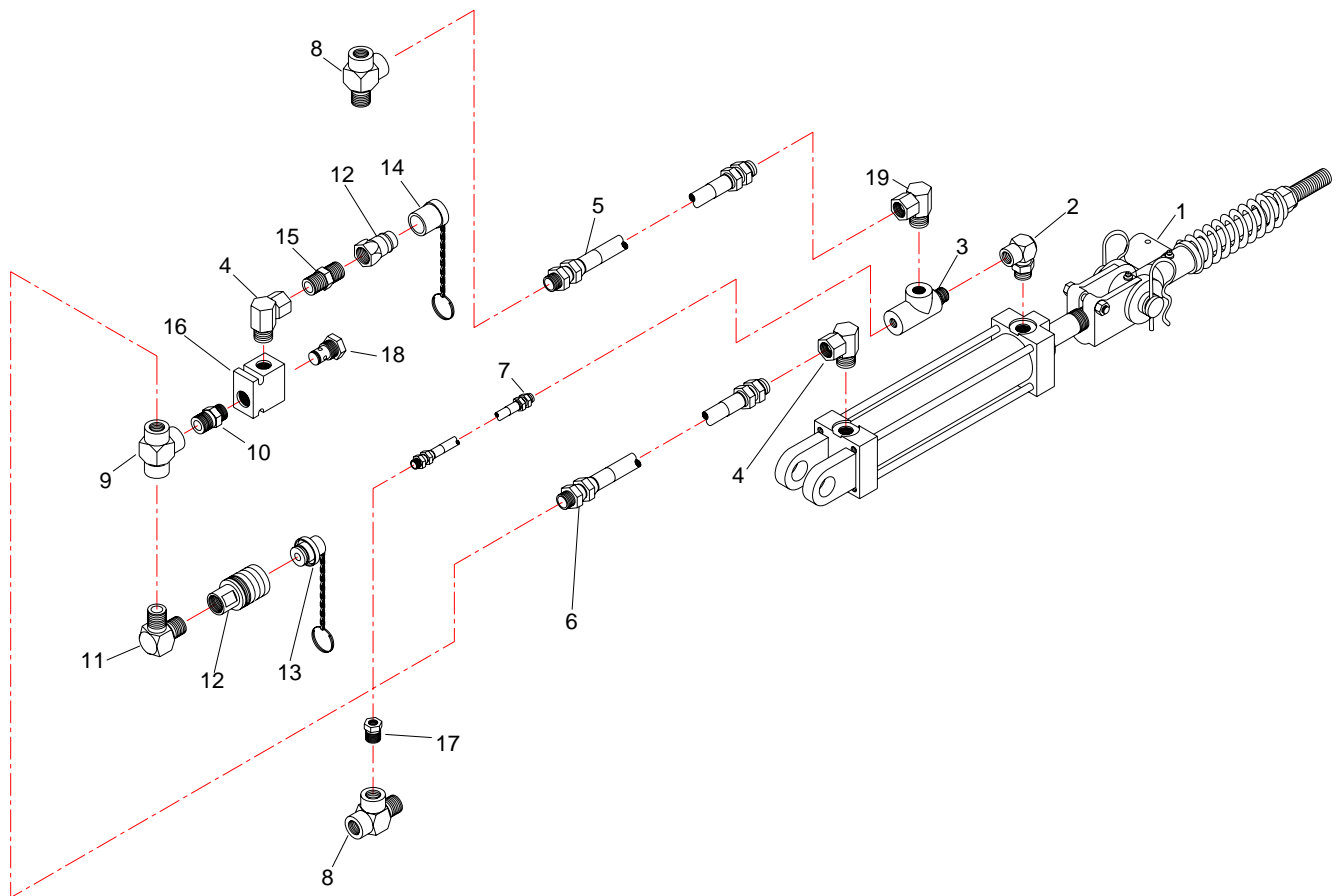
FIT MACHINE DB-1, DB-2, DB-2LP, DB-4



1	DB-400195	Tailgate Kit (DB-1, & DB-2LP)
1	DB-200195	Tailgate Kit (DB-2, & DB-4)
2	HW-208112G8C	Bolt, Hex, 1/2-13nc x 2"LG, GR8
3	HW-301208SC	Stover Std., Lock Nut, Hex, 1/2-13NC

Tailgate Cylinder and Related Parts

Fit Machine HK-2, HK-3, HK-3.5, HK-5LP



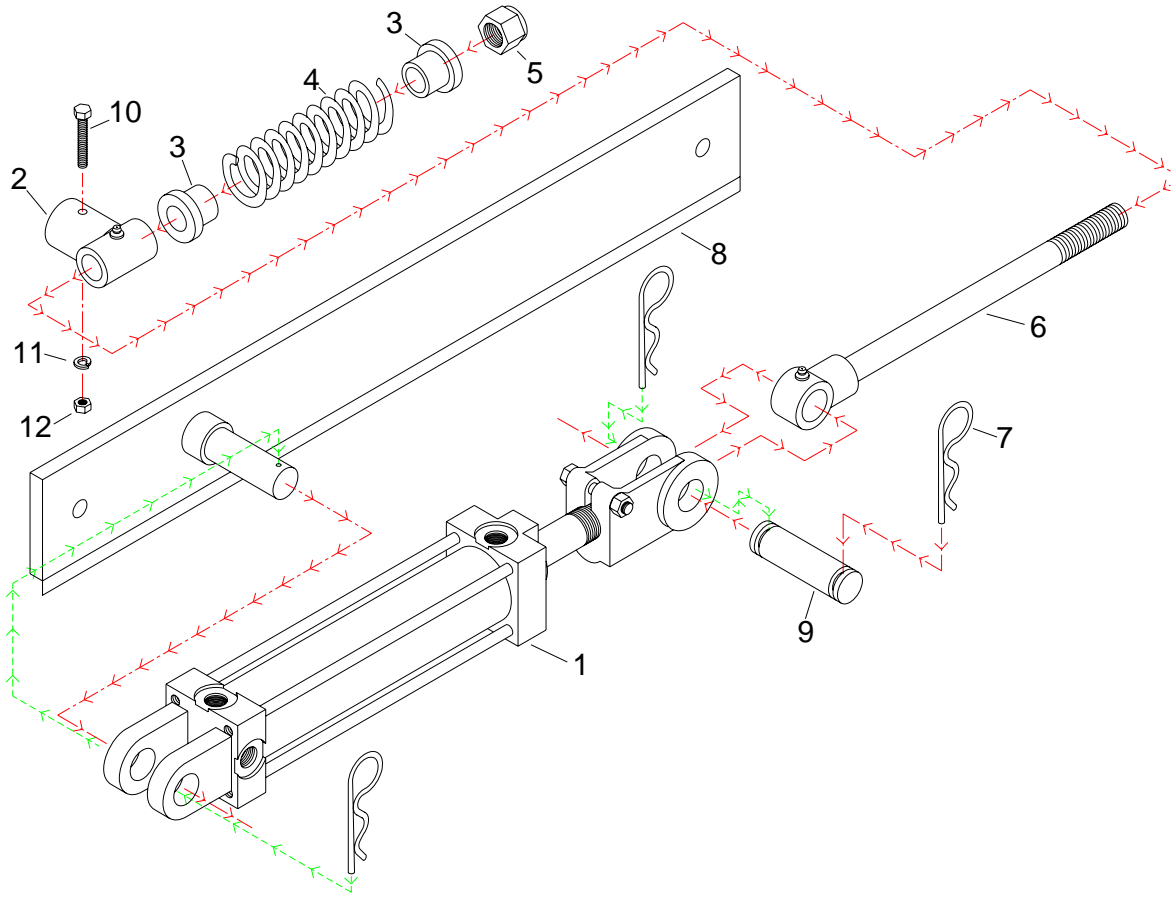
Tailgate Cylinder and Related Parts

Fit Machine HK-2, HK-3, HK-3.5, HK-5LP

ITEM	PART #	DESCRIPTION
1		Hydraulic Actuator Assembly(See Page 83)
2	HK-100972	90° Elbow 8 ORB – 6FP
3	HK-100706	POC Valve
4	HK-100970	90° Elbow 8 ORB – 8 FPS
5	HK-101392	Hose, POC Valve to Cylinder Motor 1/2" ID x 230" LG
6	HK-101390	Hose, Tailgate Cylinder to Check Valve 1/2" ID x 24" LG
7	HK-101740	Hose, Variable Speed Valve(Pressure In) to Tailgate POC Valve 1/4" ID x 50" LG
8	HK-100973	Tee 8MP x 8FP x 8FP
9	HK-100976	Tee 8FP x 8FP x 8FP
10	HK-100978	8 O-Ring Boss x 8 MP Adapter
11	HK-100979	90° Elbow 8MP x 8MP
12	HK-100966	Quick Coupler Kit
13	HK-100994	Quick Coupler Cap
14	HK-100993	Quick Coupler Cap
15	HK-100963	Nipple 1/2" x 1/2"
16	HK-100714	Check Valve Body
17	HK-100975	Bushing 8MP x 4FP
18	HK-100715	Check Valve Cartridge
19	HK-101502	90° Elbow 6MP x 8FPX

Tailgate Cylinder and Actuator

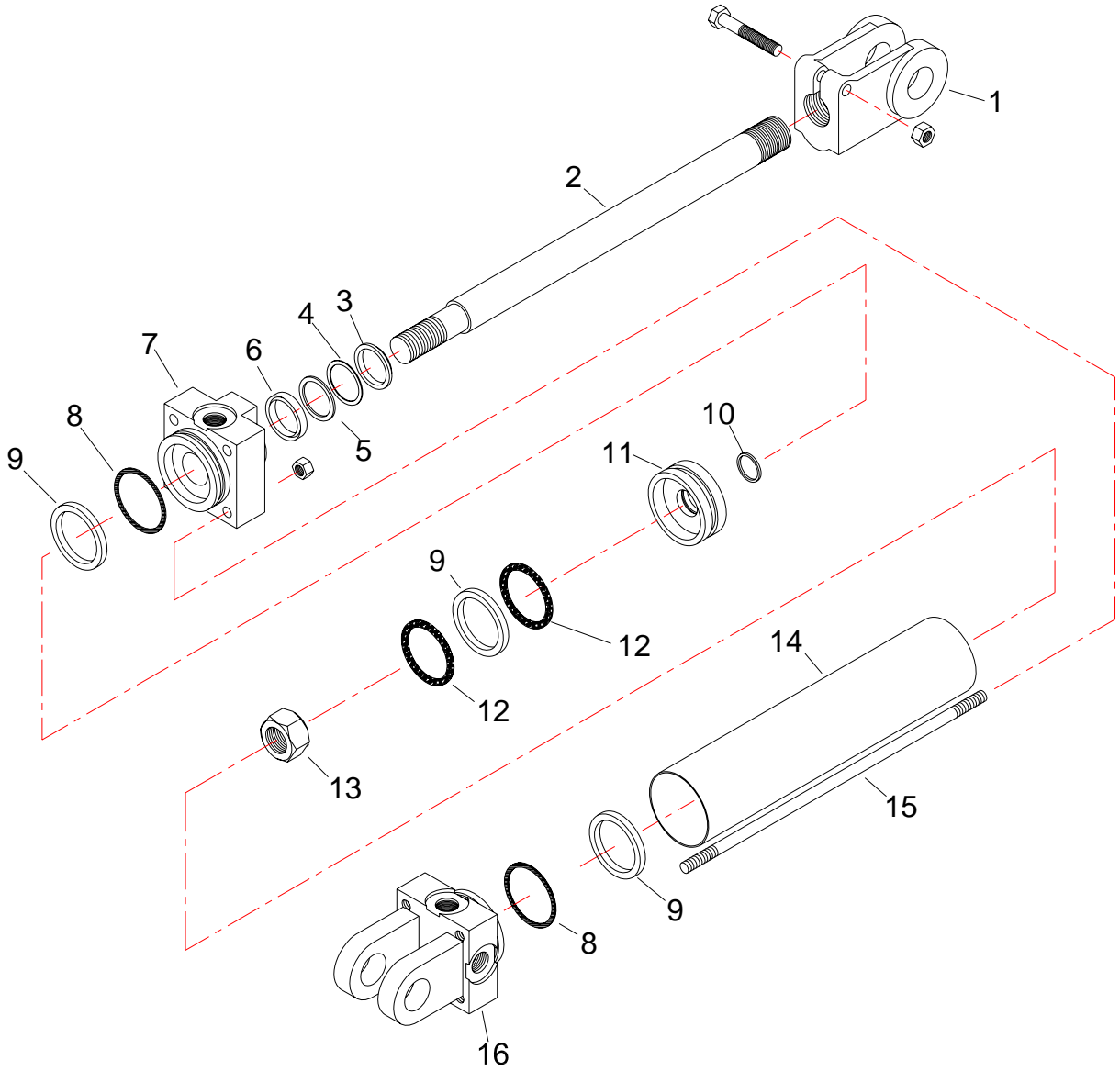
Fit Machine HK-2, HK-3, HK-3.5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-100700	Hydraulic Cylinder (See Page 84 - 85)
2	HK-100702	Swivel Bracket
3	HK-100703	Spring Bushing
4	HK-100704	Spring
5	HW-301216NEZ	Nut, Lock, Nylon, 3/4
6	HK-100705	Bracket
7	HK-101254	Hair Pin
8	HK-100895	Tailgate Cylinder Mount HK-2 and HK-3
8	HK-101301	Tailgate Cylinder Mount (weld on) HK-3.5 and HK-5LP
9	HK-101307	Hydraulic Cylinder Pin
10	HW-200112G5Z	Bolt, HH, ZP, 1/4-20 x 2" LG
11	HW-335200Z	Washer, Lock, 1/4", ZP
12	HW-300200ZG5	Nut, Hex, 1/4-20< ZP

Tailgate Cylinder

Fit Machine HK-2, HK-3, HK-3.5, HK-5LP



Tailgate Cylinder

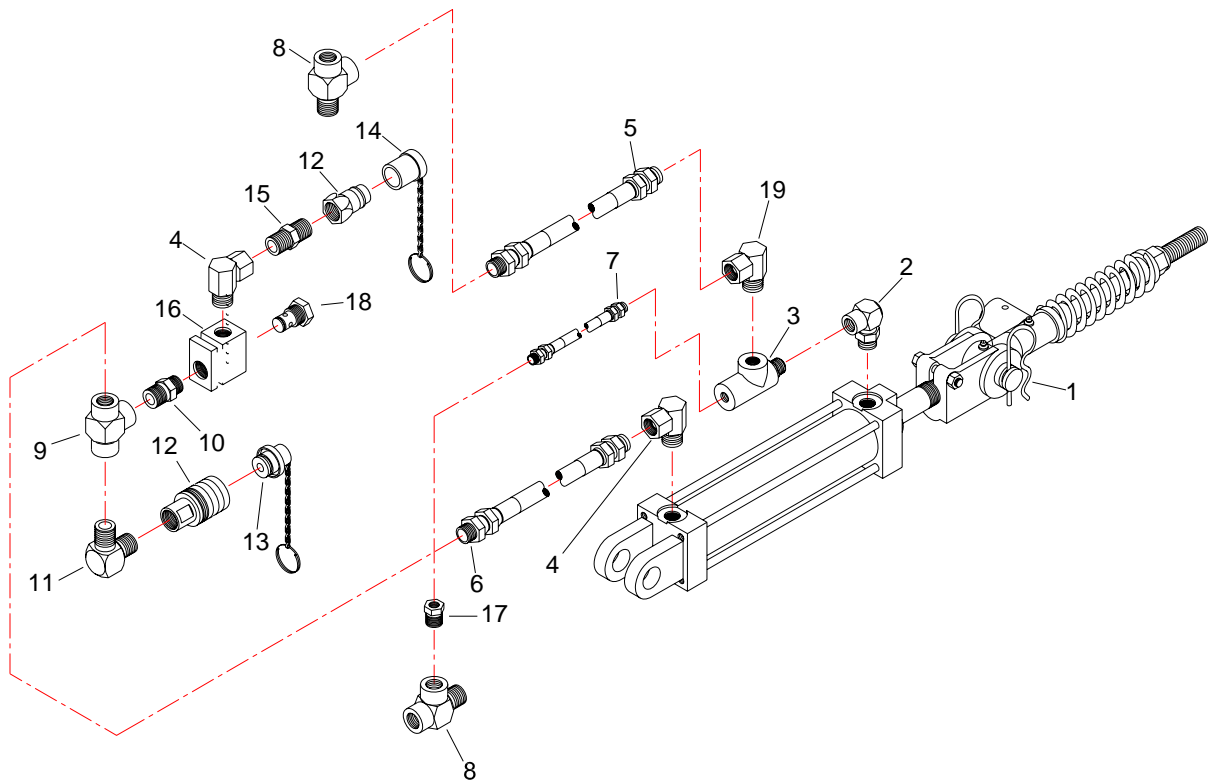
Fit Machine HK-2, HK-3, HK-3.5, HK-5LP

ITEM	PART #	DESCRIPTION	QTY.
1	100000425	Clevis	1
2	010400008	Piston Rod	1
3		Wipe (Not Sold Separately)	1
4		UB-Washer (Not Sold Separately)	1
5		O-Ring (Not Sold Separately)	1
6		U-Cup (Not Sold Separately)	1
7	081100101	Gland	1
8		BU-Washer (Not Sold Separately)	2
9		O-Ring (Not Sold Separately)	3
10		O-Ring (Not Sold Separately)	1
11	071100004	Piston	1
12		BU-Washer, Leather (Not Sold Separately)	3
13	220000208	Lock, Nut	1
14	051110063A	Tube	1
15	170103121	Tie Rod	4
16	141100024	Butt	1

Note: Items 3, 4, 5, 6, 8, 9, 10, & 12 included in Packing Kit # PMCK-8400

Tailgate Cylinder and Related Parts

Fit Machine HK 4, HK-5



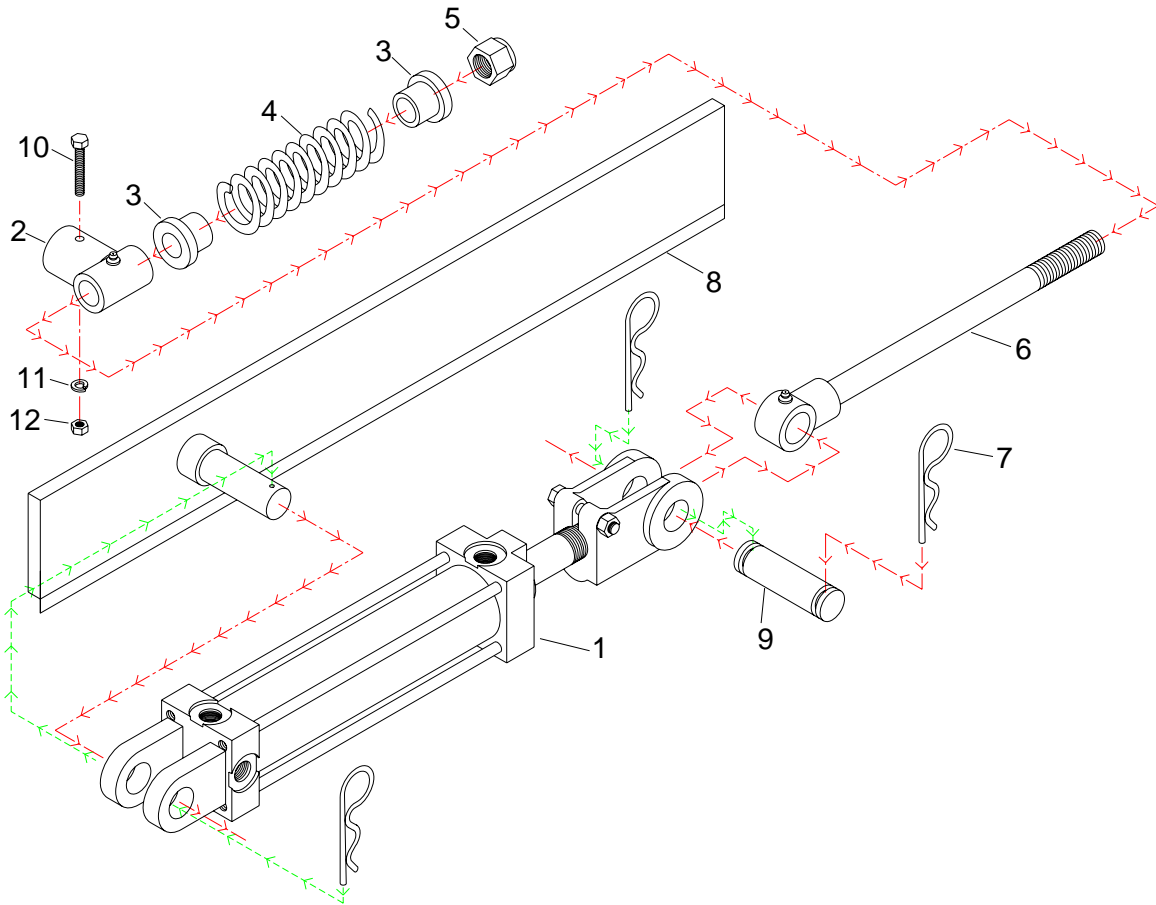
Tailgate Cylinder and Related Parts

Fit Machine HK 4, HK-5

ITEM	PART #	DESCRIPTION
1		Hydraulic Actuator Assembly (See Page 88)
2	HK-100972	90° Elbow 8 ORB – 6FP
3	HK-100706	POC Valve
4	HK-100970	90° Elbow 8 ORB – 8 FPS
5	HK-101392	Hose, POC Valve to Cylinder Motor 1/2" ID x 230" LG
6	HK-101390	Hose, Tailgate Cylinder to Check Valve 1/2" ID x 24" LG
7	HK-101740	Hose, Variable Speed Valve(Pressure In) to Tailgate POC Valve 1/4" ID x 50" LG
8	HK-100973	Tee 8MP x 8FP x 8FP
9	HK-100976	Tee 8Fp x 8FP x 8FP
10	HK-100978	8 O-Ring Boss x 8 MP Adapter
11	HK-100979	90° Elbow 8MP x 8MP
12	HK-100966	Quick Coupler Kit
13	HK-100994	Quick Coupler Plug
14	HK-100993	Quick Coupler Cap
15	HK-100963	Nipple 1/2" x 1/2"
16	HK-100714	Check Valve Body
17	HK-100975	Bushing 8MP x 4FP
18	HK-100715	Check Valve Cartridge
19	HK-101502	90° Elbow 6MP x 8FPX

Tailgate Cylinder and Actuator

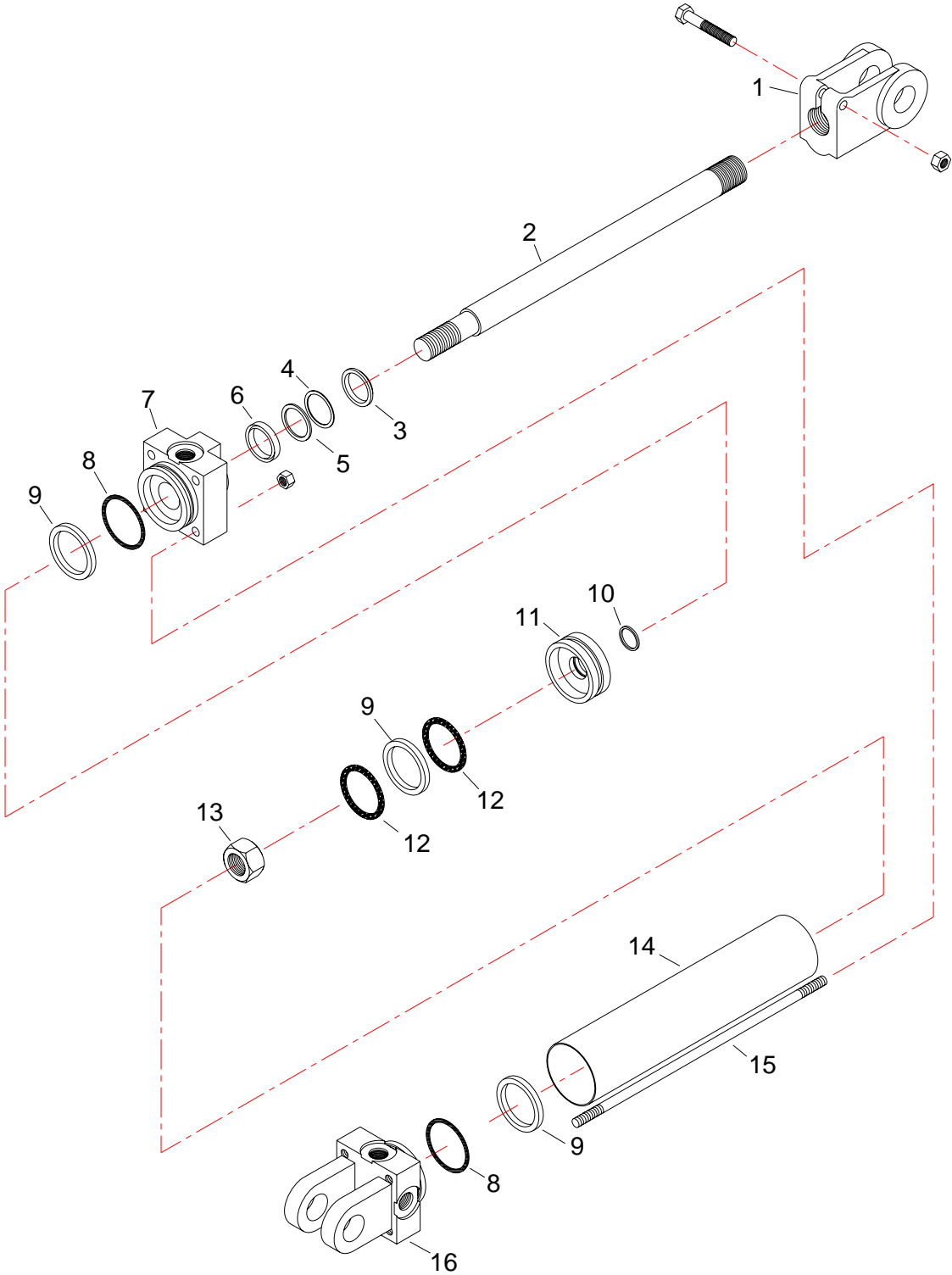
Fit Machine HK 4, HK-5



ITEM	PART #	DESCRIPTION
1	HK-100712	Hydraulic Cylinder (See Page 89 - 90)
2	HK-100702	Swivel Bracket
3	HK-100703	Spring Bushing
4	HK-100704	Spring
5	HW-301216NEZ	Nut, Lock, Nylon, 3/4
6	HK-100705	Bracket
7	HW-500224	Hair Pin
8	HK-100890	Cylinder Mount (Weld on)
9	HK-101307	Hydraulic Cylinder Pin
10	HW-200112G5Z	Bolt, HH, ZP, 1/4-20 x 2" LG
11	HW-335200Z	Washer, Lock, 1/4, ZP
12	HW-300200ZG5	Nut, Hex, 1/4-20, ZP

Tailgate Cylinder

Fit Machine HK 4, HK-5



Tailgate Cylinder

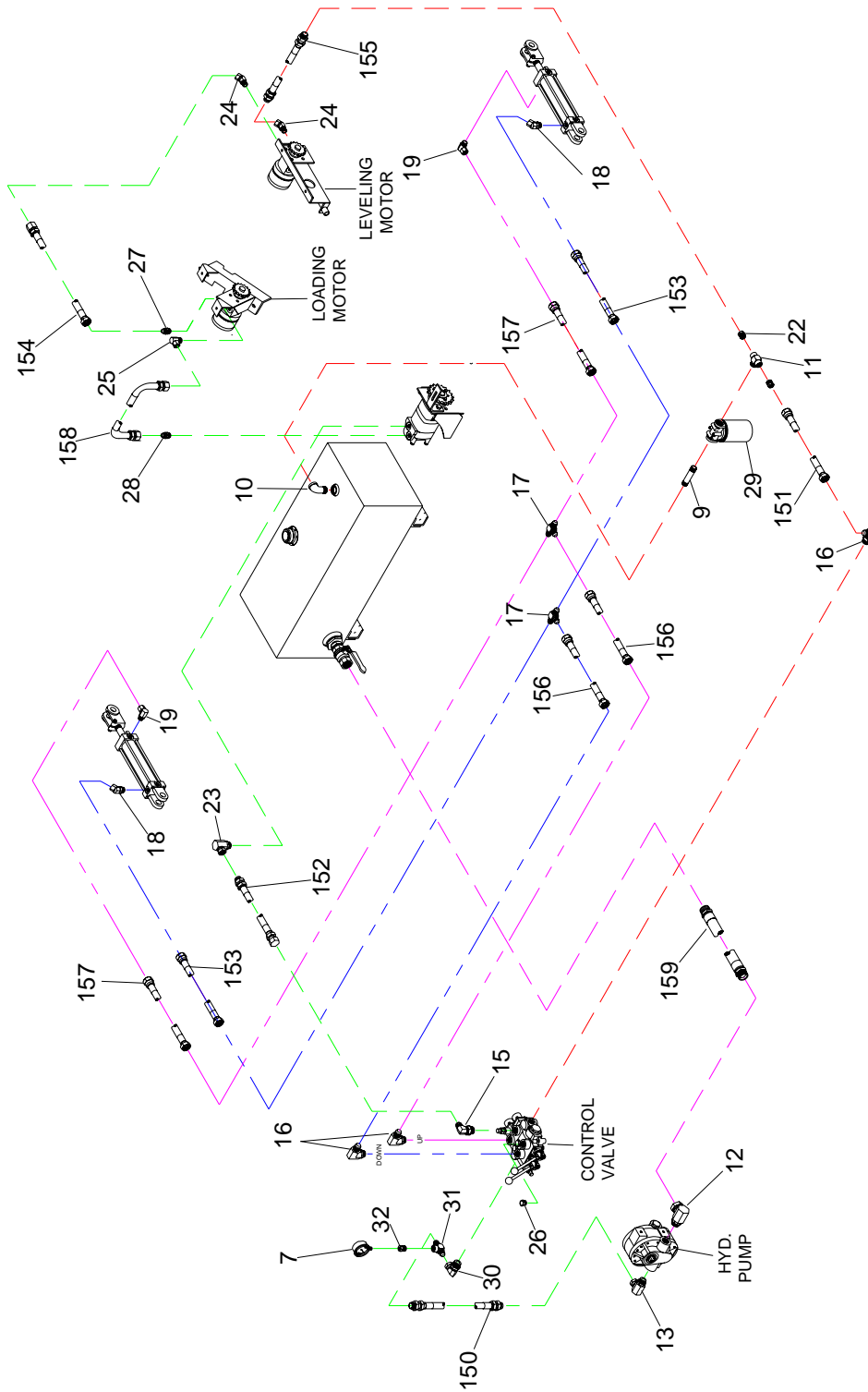
Fit Machine HK 4, HK-5

ITEM	PART #	DESCRIPTION	
1	100000425	Clevis	1
2	010400008	Piston Rod	1
3		Wipe (Not Sold Separately)	1
4		UB-Washer (Not Sold Separately)	1
5		O-Ring (Not Sold Separately)	1
6		U-Cup (Not Sold Separately)	1
7	081100101	Gland	1
8		BU-Washer (Not Sold Separately)	2
9		O-Ring (Not Sold Separately)	3
10		O-Ring (Not Sold Separately)	1
11	071100004	Piston	1
12		BU-Washer, Leather (Not Sold Separately)	3
13	220000208	Lock, Nut	1
14	051110063A	Tube	1
15	170103121	Tie Rod	4
16	141100024	Butt	1

Note: Items 3, 4, 5, 6, 8, 9, 10, & 12 included in Packing Kit # PMCK-8400

Hydraulic Kit

Fit Machine DB-1



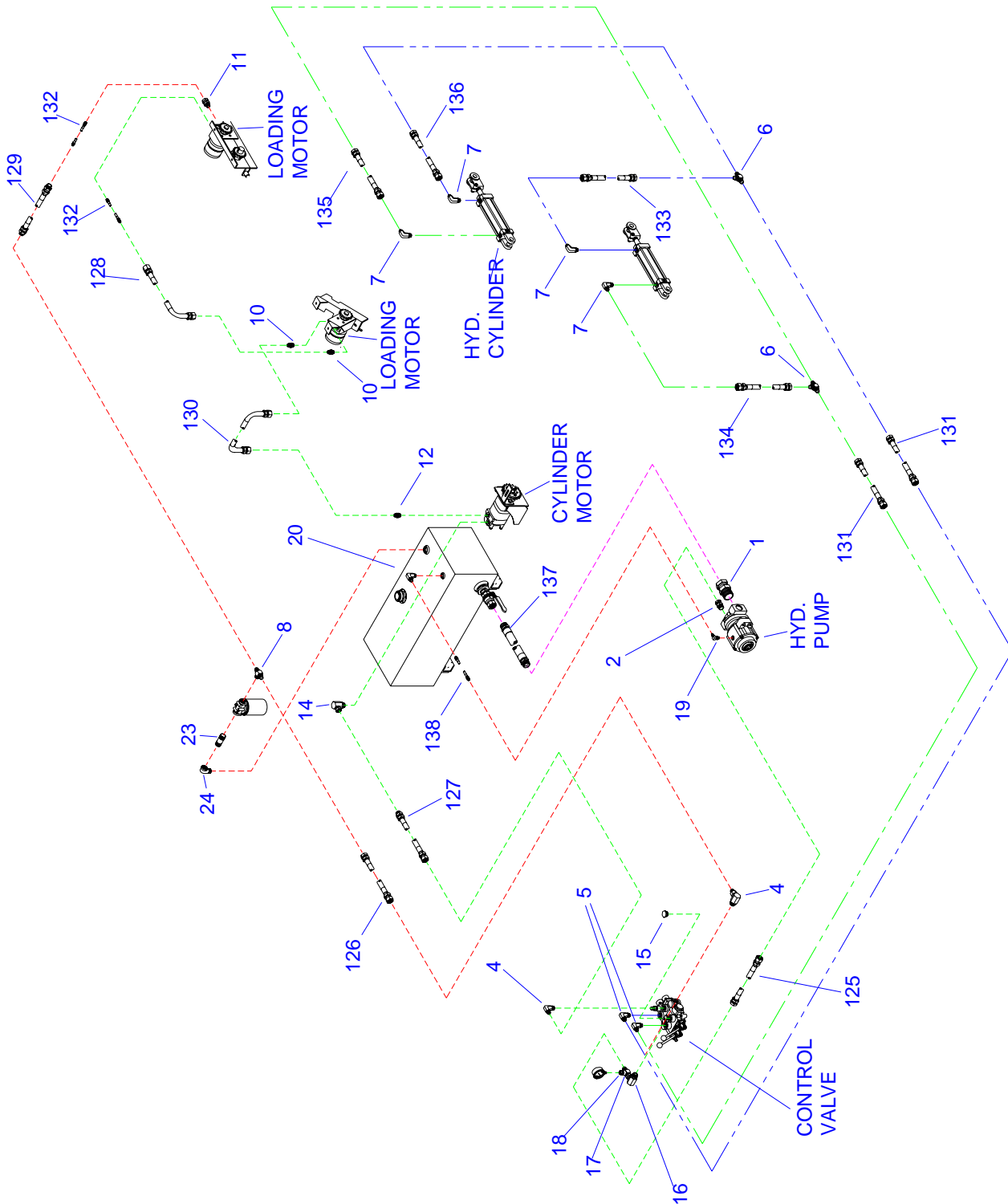
Hydraulic Kit

Fit Machine DB-1

ITEM	PART #	DESCRIPTION
7	HK-101591	Gauge
9	HK-101673	Pipe Coupling 3/4 MP – 3/4 MP
10	HK-100775	90° Hydraulic Elbow 3/4MP – 3/4FP
11	HK-101667	Tee 3/4 MP – 3/4 FP – 3/4 FP
12	HK-100968	90° Elbow 16m-ORB – 1-1/4 F-PX
13	HK-100969	90° Elbow 12M-ORB – 3/4F-PX
15	HK-101578	90° Elbow 12MJ – 12 M-ORB
16	HK-101630	90° Elbow 12 ORB – 8 MJ
17	HK-100976	Tee 1/2 FP – 1/2 FP – 1/2 FP
18	HK-101657	45° Elbow 8 M-ORB – 1/2 FPX
19	HK-100970	90° Elbow 8 M-ORB – 1/2 FPX
22	HK-100774	Bushing 3/4 – 1/2
23	HK-101579	90° Elbow 10M-ORB – 8 FPX
24	HK-101445	45° Elbow 1/2 MP – 1/2 FPX
25	HK-100971	90° Elbow 1/2 FPX – 1/2MP
26	DB-400114	Plug 12M-ORB
27	DB-400112	Adapter 1/2MP – 1/2 MJ
28	HK-101581	Adapter 8MJ – 10M-ORB
29	HK-100722	Filter Assembly (HK-100721 – Replacement Filter Only)
30	HK-101633	90° Elbow 12M-ORB – 12 FPX
31	HK-101634	Tee 3/4FP – 12 MJ – 12 MJ
32	HK-101439	Bushing 3/4 MP – 1/4 FP
150	HK-101563	Hose, Control Valve to Pump
151	DB-200012	Control Valve to Tank
152	DB-400099	Control Valve to Cylinder Motor
153	DB-400101	Tee to Hydraulic Cylinder (Up)
154	DB-400102	Loading Motor To Leveling Motor
155	DB-400103	Leveling Motor to Tank
156	DB-400104	Control Valve to Tee (Hydraulic Cylinder)
157	DB-400105	Tee to Hydraulic Cylinder (Down)
158	DB-400106	Cylinder Motor to Loading Motor
159	HK-100980	Tank to Pump (Suction)

Hydraulic Kit

Fit Machine DB-2, DB-2LP, DB-4



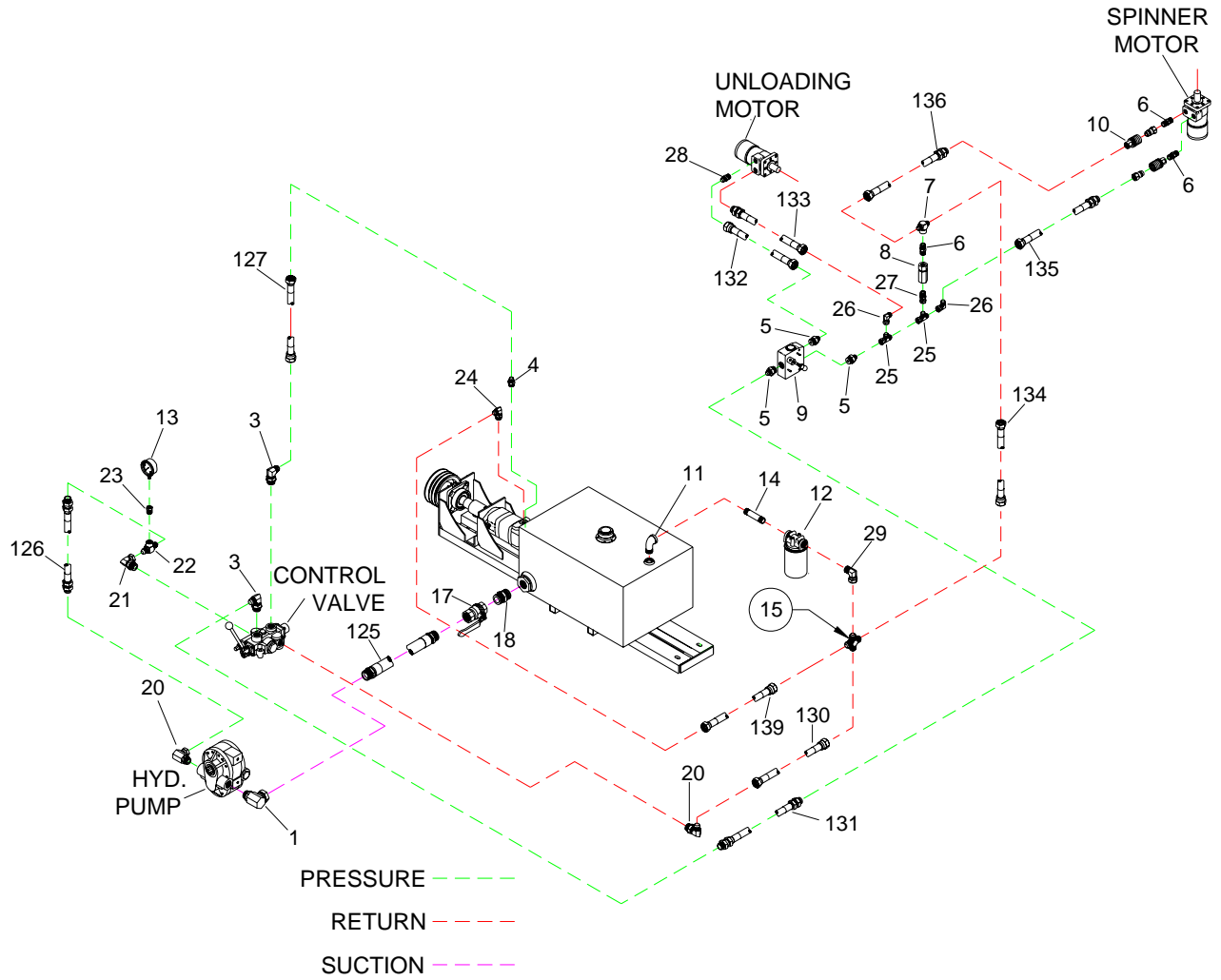
Hydraulic Kit

Fit Machine DB-2, DB-2LP, DB-4

ITEM	PART #	DESCRIPTION
1	HK-101644	Fitting, 20 MBX – 1-1/4 FPX
2	HK-101645	Fitting, 12 MBX – 3/4 FPX
4	HK-101578	Fitting, 90° Elbow 12 MJ – 12 ORB
5	HK-101630	Fitting, 90° Elbow 12 ORB – 8 MJ
6	DB-400132	Fitting, Tee 8 MJ – 8 MJ – 8 MJ
7	DB-400133	Fitting, 90° Elbow 8 MJ – 8 ORB
8	HK-101674	Fitting, Tee 12 MP – 12MJ – 12 MJ
10	HK-101572	Adapter, 1/2 MP – 12 MJ
11	DB-400112	Adapter, 8 MP – 8 MJ
12	HK-101574	Coupling, 12 MJ – 10 ORB
14	HK-101444	Fitting, 90° Elbow 10 ORB – 3/4 FPX
15	DB-400114	Fitting, Plug 12 M-ORB
16	HK-101633	Fitting, 90° Elbow 12 ORB – 12 FJX
17	HK-101634	Fitting, Tee 3/4 FP – 12 MJ – 12 MJ
18	HK-101439	Fitting, Bushing, 3/4 MP – 1/4 FP
19	HK-101642	Fitting, 90° Elbow 6 MJ – 6 MB
20	HK-101582	Fitting, 90° Elbow 3/8 MP – 6 MP
21	HK-101591	Gauge
23	HK-101673	Pipe Coupling, 3/4 MP – 3/4 MP
24	HK-100775	Fitting, 90° Elbow 3/4 MP – 3/4 FP
25	HK-100722	Filter Assembly (HK-100721 – Replacement Filter Only)
125	HK-101563	Hose, Pump to Control Valve
126	HK-101570	Hose, Control Valve to Tank
127	DB-200012	Hose, Control Valve to Cylinder Motor
128	DB-200014	Hose, Loading Motor To Leveling Motor
129	DB-200015	Hose, Leveling Motor to Tank
130	DB-200017	Hose, Cylinder Motor to Loading Motor
131	DB-200016	Hose, Control Valve to Dump Cylinder Tee
132	DB-200018	Hose, 3/4" To 1/2" Hose at Leveling Motor
133	DB-200029	Hose, Lift Cylinder to Tee, Retract (Left Side)
134	DB-200030	Hose, Tee To Lift Cylinder, Pressure (Left Side)
135	DB-200032	Hose, Tee To Lift Cylinder, Pressure (Right Side)
136	DB-200033	Hose, Lift Cylinder To Tee, Retract (Right Side)
137	HK-100980	Hose, Suction
138	HK-101641	Hose, Pump Case Drawn To Tank

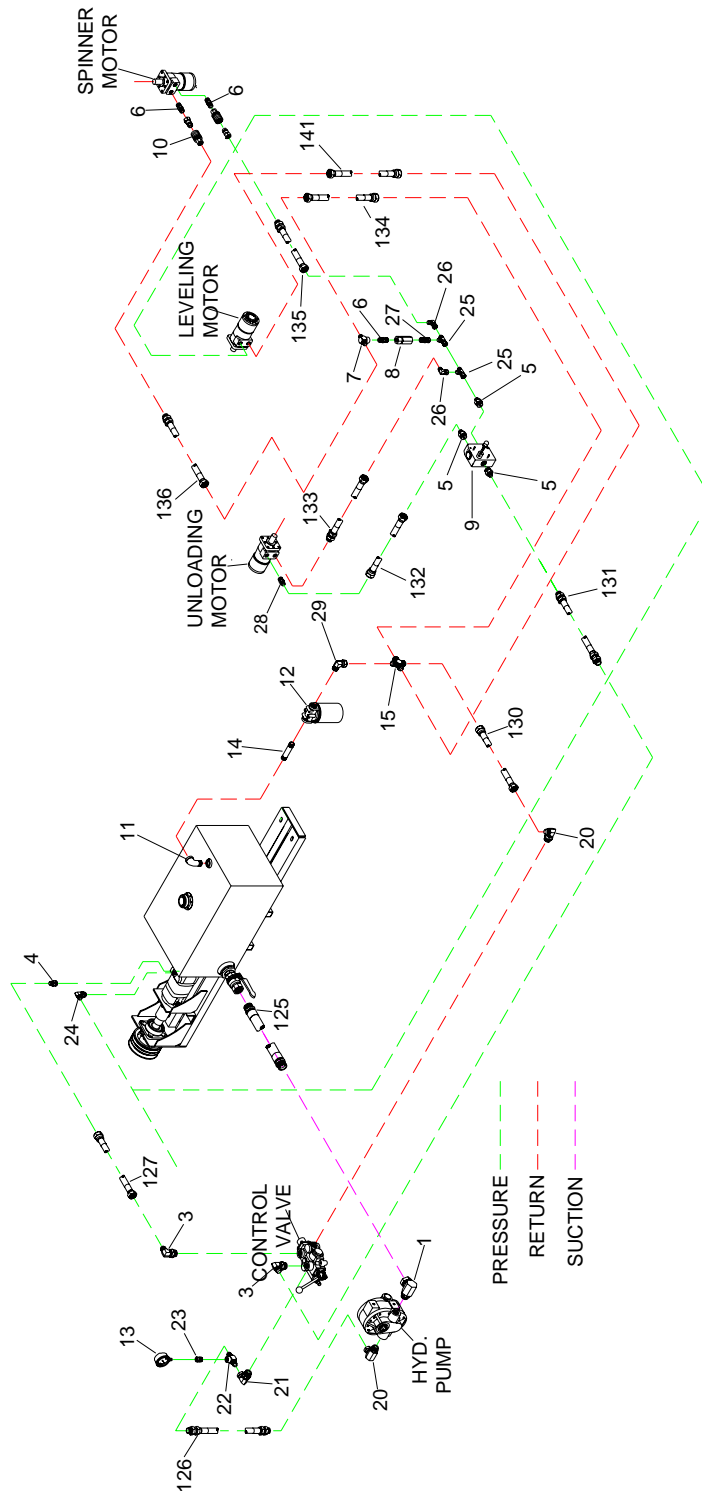
Standard Hydraulic Kit

Fit Machine HK-2, HK-3



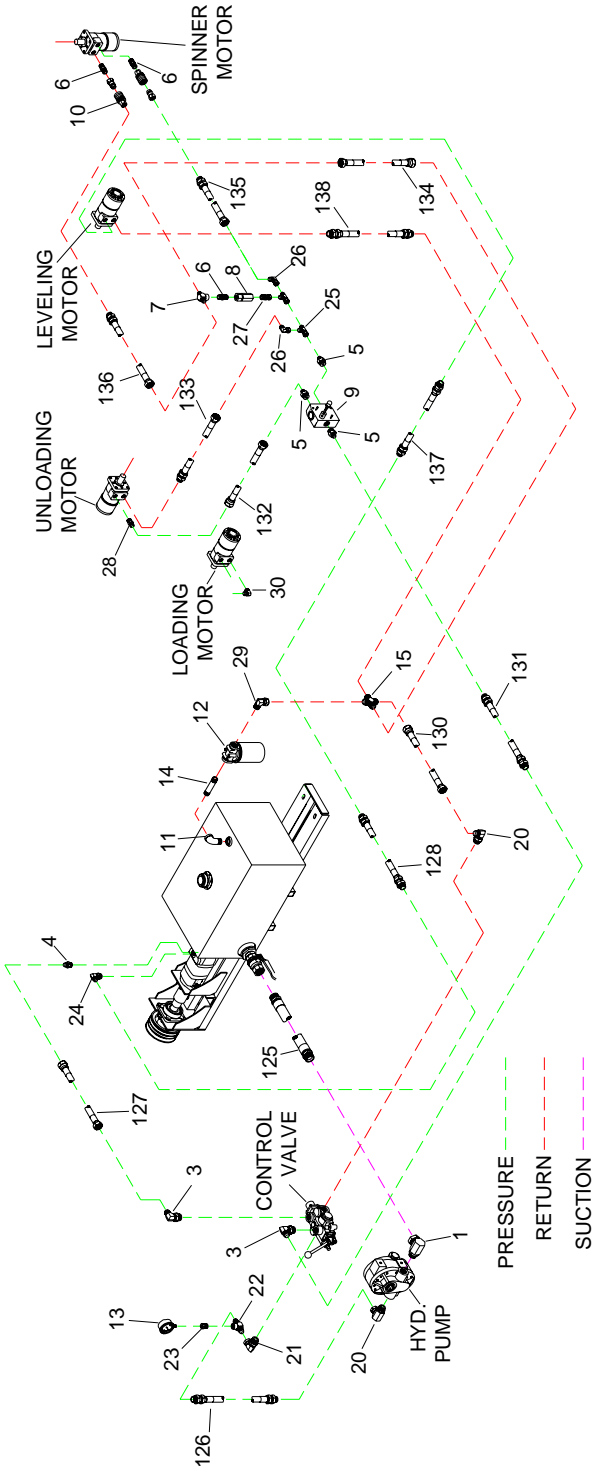
Hydraulic Leveling Kit

Fit Machine HK-2, HK-3



Hydraulic Leveling Kit

Fit Machine HK-2, HK-3



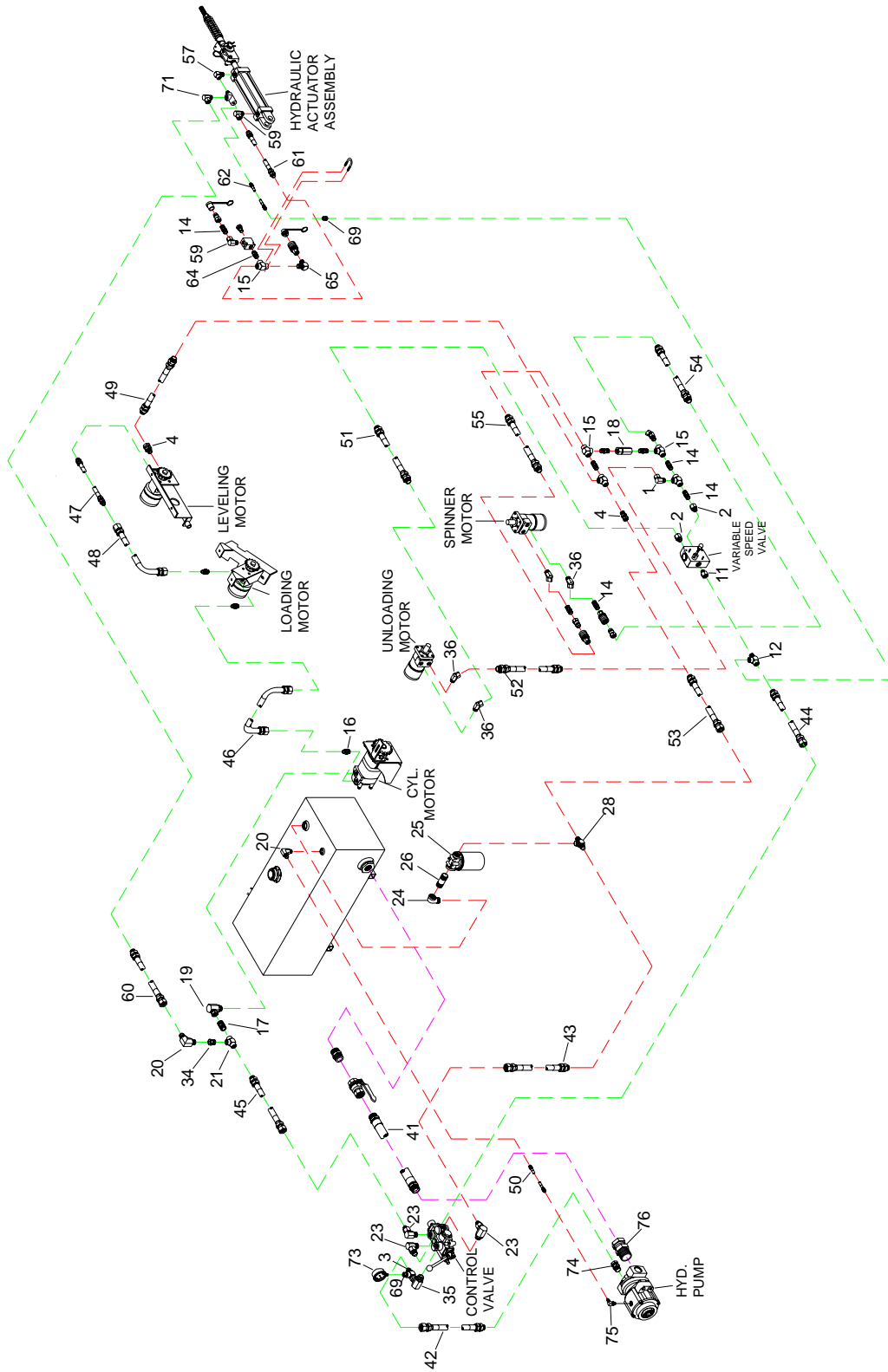
Hydraulic Leveling Kits

Fit Machine HK-2, HK-3

ITEM	PART #	DESCRIPTION
1	HK-100968	90° Hydraulic Elbow, 16MOR x 20FP
3	HK-101629	90° Hydraulic Elbow 8MJ x 12MOR
4	HK-101714	Hydraulic Adapter 8MJ x 10MOR
5	HK-101713	Hydraulic Adapter 8MJ x 12MOR
6	HK-100963	Nipple, 8M x 8M
7	HK-101712	Hydraulic Tee 8MJ x 8MJ x 8FP
8	HK-100716	Check Valve
9	HK-100696	Variable Speed Valve
10	HK-100966	Quick Coupler Kit
11	HK-100775	90° Hydraulic Elbow 3/4MP x 3/4FP
12	HK-100722	Filter Assembly (HK-100721 - Replacement Filter Only)
13	HK-101591	Gauge
14	HK-101673	Pipe Coupling 3/4MP x 3/4MP
15	HK-101720	Cross 12MJ x 12MJ x 12MJ
20	HK-101578	90° Hydraulic Elbow 12MJ x 12MORB
21	HK-101633	90° Hydraulic Elbow 12FJX x 12MORB
22	HK-101634	Hydraulic Tee 12MJ x 12MJ x 12FP
23	HK-101439	Bushing 3/4 x 1/4
24	HK-101716	90° Hydraulic Elbow 8MJ x 10MOR
25	HK-101711	Hydraulic Tee 8MJ x 8MJ x 8FJ
26	HK-101718	90° Hydraulic Elbow 8MJ x 8FJX
27	HK-101721	Hydraulic Adapter Swivel 8FJ x 8MP
28	HK-101717	Hydraulic Nipple 8MJ x 8MP (HK-2)
28	HK-100962	90° Hydraulic Elbow 10 ORB x 8FPZ (HK-3)
29	HK-101719	90° Hydraulic Elbow 12FJ x 12MP
30	HK-101736	90° Hydraulic Elbow 8MP x 8FJ (Total Hydraulic Only)
125	HK-101381	Hose, Hydraulic Tank to Pump (Suction Hose)
126	HK-101709	Hose, Pump to Control Valve
127	HK-101703	Hose, Control Valve to Cylinder Motor
128	HK-101733	Hose, Cylinder Motor to Loading Motor (Total Hydraulic Only)
130	HK-101708	Hose, Control Valve to Hydraulic Tank
131	HK-101701	Hose, Control Valve to Variable Speed Valve
132	HK-101706	Hose, Variable Speed Valve to Unloading Motor (Pressure Side)
133	HK-101707	Hose, Unloading Motor to Variable Speed Valve (Return Side)
134	HK-101702	Hose, Variable Valve to Hydraulic Tank (Return Side)
135	HK-101705	Hose, Variable Speed Valve (Exhaust) to Spinner Motor (Pressure)
136	HK-101705	Hose, Spinner Motor to Variable Speed Return
137	HK-101734	Hose, Loading Motor to Leveling Motor (Total Hydraulic Only)
138	HK-101735	Hose, Leveling Motor to Hydraulic Tank (Total Hydraulic Only)
139	HK-101704	Hose, Cylinder Motor to Hydraulic Tank (Standard Belt Drive Only)
140	HK-101729	Hose, Cylinder Motor to Leveling Motor (Hydraulic Leveling Only)
141	HK-101730	Hose, Leveling Motor to Hydraulic Tank (Hydraulic Leveling Only)

Hydraulic Kit

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP



Hydraulic Kit

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP

Fittings and Related Parts

ITEM	PART #	DESCRIPTION
1	HK-100971	Fitting, 90° Elbow 1/2" MP – 1/2" FPX
2	HK-101437	Fitting, 12 O-Ring Port Adapter – 1/2" FP
3	HK-101634	Fitting, Tee, 12FP – 12MJ – 12MJ
4	HK-101442	Fitting, Swivel 8 MP – 12 FPX
11	HK-101441	Fitting, 12 O-Ring Port Adapter – 3/4" FP
12	HK-101440	Fitting, Tee 3/4" MP – 3/4" FP
14	HK-100963	Fitting, Nipple 1/2" MP – 1/2" MP
15	HK-100976	Fitting, Tee 1/2" FP – 1/2" FP – 1/2" FP
16	HK-101574	Fitting, Coupling 12MJ – 10ORB
17	HK-100772	Fitting, Nipple 3/4" MP – 3/4" MP
18	HK-100716	Check Valve
19	HK-101444	Fitting, 90° Elbow, 10 ORB – 3/4" FPX
20	HK-101582	Fitting, 90° Elbow, 3/8 MP- 3/8 MP
21	HK-101438	Fitting, Tee 3/4" FP – 3/4" FP – 3/4" FP
23	HK-101578	Fitting, 90° Elbow 12ORB – 12MJ
24	HK-100775	Fitting, 90° Elbow 3/4" MP – 3/4" FP (Black Pipe)
25	HK-100722	Filter Assembly (HK-100721- Replacement Only)
26	HK-101673	Fitting, Nipple 3/4" x 3" LG
28	HK-101674	Fitting, Tee 3/4" MP- 12 MJ – 12 MJ
34	SP-200084	Fitting, Bushing 3/4 MP – 3/8" FP
35	HK-101633	Fitting, 90° Elbow 12 ORB – 3/4" FPX
36	HK-100962	Fitting, 45° Elbow 10 ORB – 1/2" FPX
57	HK-100972	Fitting, 90° Elbow 8 ORB – 3/8" FP
59	HK-100970	Fitting, 90° Elbow 8 ORB – 1/2" FPX
64	HK-100978	Fitting, Adapter 1/2" ORB – 1/2" MP
65	HK-100979	Fitting, 90° Elbow 1/2" MP – 1/2" MP
69	HK-101439	Fitting, Bushing 3/4" MP – 1/4" FP
71	HK-101502	Fitting, 90° Elbow 3/8" MP – 1/2" FPX
73	HK-101591	Pressure Gauge
74	HK-101645	Fitting, O-Ring Boss Swivel 12 MB – 3/4" FPX
75	HK-101642	Fitting, 90° Elbow 6MJ – 6ORB
76	HK-101644	Fitting, O-Ring Boss Swivel 20MB – 1-1/4 FPX

Hydraulic Kit

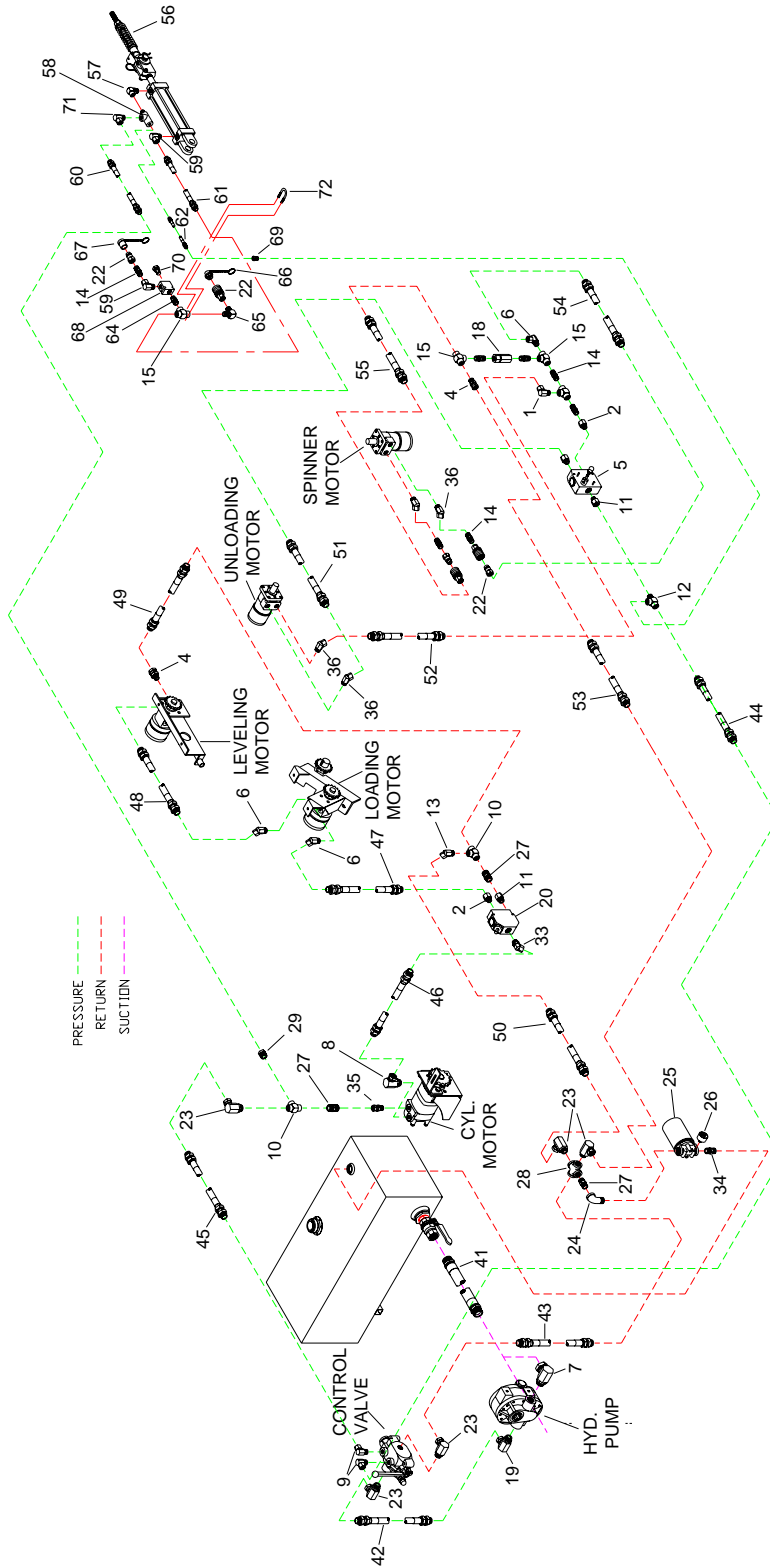
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP

Hoses

ITEM	PART #	DESCRIPTION
41	HK-100980	Hose, Tank to Pump (Suction Hose)
42	HK-101563	Hose, Pump to Control Valve
43	HK-101570	Hose, Control Valve to Tank
44	HK-101750	Hose, Control Valve to Variable Speed Valve
45	HK-101562	Hose, Control Valve To Cylinder Motor
46	HK-101564	Hose, Cylinder Motor to Loading Motor
47	HK-101567	Hose, Loading Motor to Leveling Motor (Rear Section)
48	HK-101565	Hose, Loading Motor to Leveling Motor (Front Section)
49	HK-101566	Hose, Leveling motor to Return
50	HK-101641	Hose, Pump Case Drain To Oil Tank
51	HK-101561	Hose, Rear Variable Speed Valve to Unloading Motor
52	HK-101408	Hose, Unloading Motor to Variable Speed Valve Return
53	HK-101569	Hose, Rear Variable Speed Return to Hydraulic Tank
54	HK-101410	Hose, Rear Variable Speed to Spinner Motor
55	HK-101410	Hose, Spinner Motor to Variable Speed Valve Return
60	HK-101568	Hose, POC Valve to Cylinder Motor
61	HK-101390	Hose, Tailgate to Check Valve
62	HK-101740	Variable Speed Valve (Pressure in) to Tailgate POC Valve

Hydraulic Kit

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP
UP TO SERIAL # 4691



Hydraulic Kit

Fit Machine HK-3.5, HK-4, HK-5, HK-5LP
UP TO SERIAL # 4691

ITEM	PART #	DESCRIPTION
1	HK-100971	90° Elbow 1/2" x 1/2"
2	HK-101437	3/4" O-Ring Port x 1/2" FP
4	HK-101442	Swivel 1/2"MP x 3/4" FPS
5	HK-100696	Variable Speed Valve
6	HK-101445	45° Elbow 1/2"MP x 1/2" FPS
7	HK-100968	90° Elbow 16 M ORB x 1-1/4 FPS
8	HK-100969	90° Elbow 3/4" O-Ring x 3/4"
9	HK-101446	90° Elbow 1/2"MP x 3/4"FPS
10	HK-101438	Tee, 3/4FP x 3/4"FP x 3/4"FP
11	HK-101441	3/4" O-Ring Port x 3/4"MP
12	HK-101440	Tee 3/4"MP x 3/4"FP x 3/4"FP
13	HK-101443	45° Elbow 3/4"MPT x 3/4"FPS
14	HK-100963	Nipple 3/4" x 3/4"
15	HK-100976	Tee 3/4"FP x 3/4" FP x 3/4"FP
18	HK-100716	Check Valve
19	HK-101444	90° Elbow 7/8" O-Ring x 3/4" FPS
20	HK-100697	Variable Speed Valve
22	HK-100966	Quick Coupler Kit
23	HK-100989	90° Elbow 3/4" x 3/4"
24	HK-100775	Elbow 90° x 3/4"
25	HK-100722	Filter Assembly
26	HK-100723	Gauge
27	HK-100772	Pipe Coupling
28	HK-100773	Cross 3/4" x 3/4" x 3/4" x 3/4"
29	HK-100774	Bushing 3/4" x 3/4"
33	HK-101436	45° Elbow 3/4" O-Ring x 3/4" FPS
34	HK-101262	Coupling 1" MP x 3/4" MP
35	HK-101503	Adapter 10 M ORB x 3/4" FPX
36	HK-100962	45° Elbow 10 ORB x 1/2 FPX
56	HK-100713	Hydraulic Actuator Assembly
57	HK-100972	90° Elbow 8 ORB x 3/4" FP
58	HK-100706	POC Valve
59	HK-100970	90° Elbow 8 ORB x 1/2" FPX
60	HK-101392	POC Valve to Cylinder Motor

Hydraulic Kit

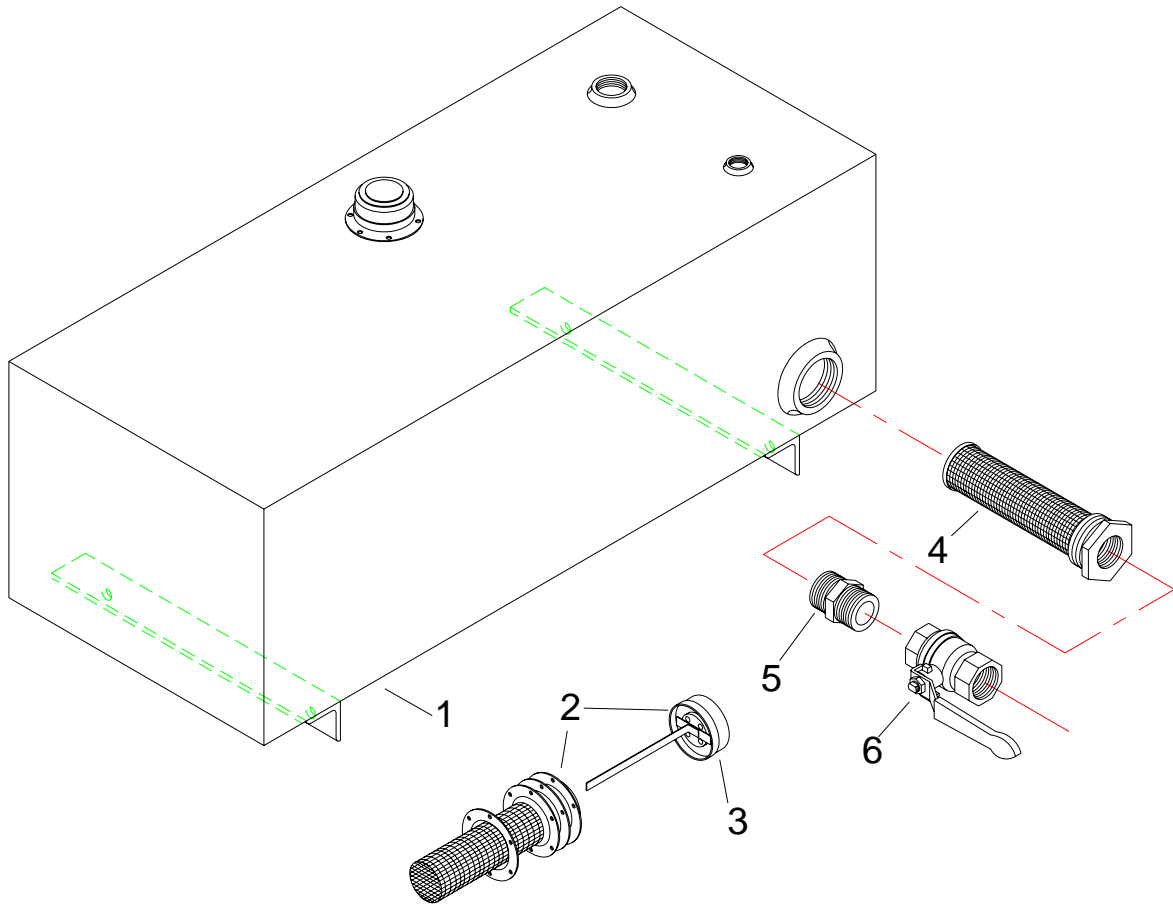
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP
UP TO SERIAL # 4691

ITEM	PART #	DESCRIPTION
61	HK-101390	Tailgate to Check Valve
62	HK-101389	Variable Speed Valve (Pressure in) to Tailgate POC Valve
64	HK-100978	1/2" O-Ring Boss x 1/2"MP Adapter
65	HK-100979	90° Elbow 1/2" MPT x 1/4" MPT
66	HK-100994	Quick Coupler Cap (Female)
67	HK-100993	Quick Coupler Cap (Male)
68	HK-100714	Check Valve Body
69	HK-101439	Bushing 3/4" MP x 1/4" FP
70	HK-100715	Check Valve Cartridge
71	HK-101502	90° Elbow 6 MPT x 8 FPX
72	SP-200079	U-Clamp 1/4" x 1-1/8" x 2-1/4"

ITEM	PART #	DESCRIPTION
41	HK-100980	Tank to Pump (Suction Hose)
42	HK-100981	Hose, Pump to Control Valve
43	HK-100982	Hose, Control Valve to Tank
44	HK-100983	Hose, Control Valve to Variable Speed Valve
45	HK-100984	Hose, Control Valve to Cyl. Motor
46	HK-101399	Hose, motor to Front Variable Speed Valve
47	HK-101402	Hose, Front Variable Speed Valve to Loading Motor
48	HK-101403	Hose, Loading Motor to Leveling Motor
49	HK-101405	Hose, Leveling Motor to Front Variable Speed Valve Return
50	HK-101406	Hose, Front Variable Speed Valve Return to Hyd. Tank
51	HK-101407	Hose, Rear Variable Speed Valve to Unloading Motor
52	HK-101408	Hose, Unloading Motor to Rear Variable Speed Valve Return
53	HK-101409	Hose, Rear Variable Speed Return to Hyd Tank
54	HK-101410	Hose, Rear Variable Speed to Spinner Motor
55	HK-101410	Hose, Spinner Motor to Rear Variable Speed Valve Return

Oil Tank

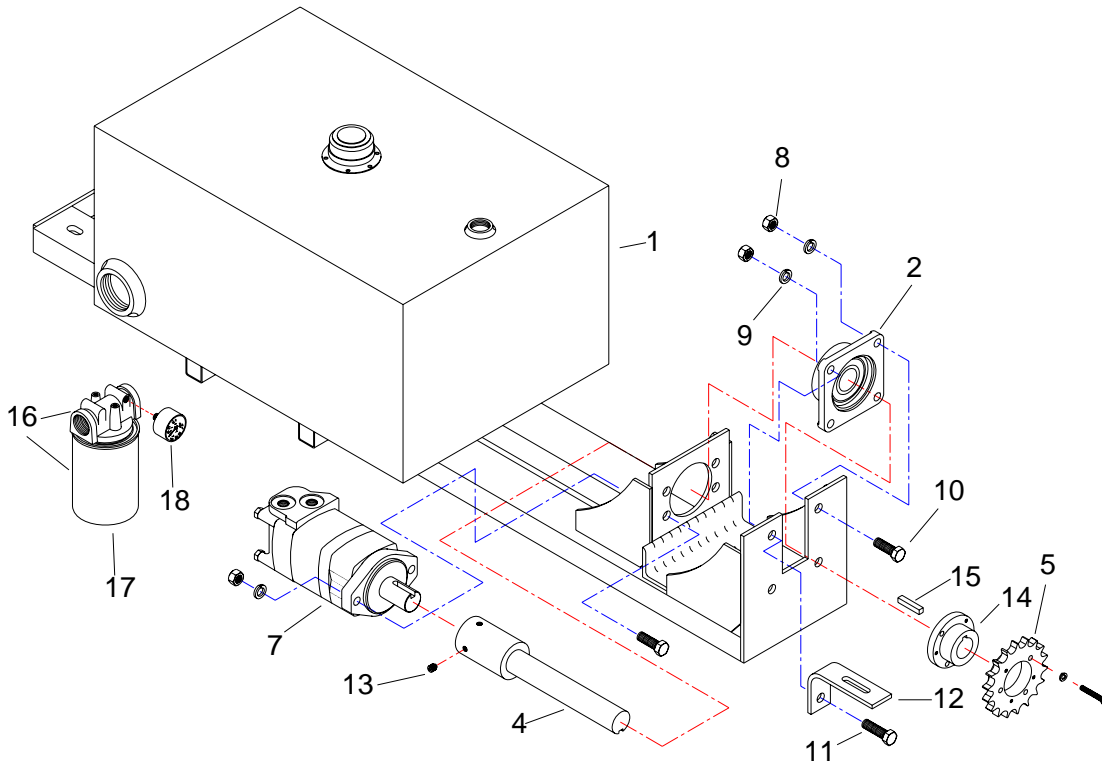
Fits Machines HK-3.5, HK-4, HK5, HK-5LP, DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
1	HK-100935	Oil Tank
2	HK-100421	Cap Assembly
3	HK-100422	Cap Only
4	HK-100778	Tank Strainer
5	HK-100776	Hydraulic Nipple, 20MP x 20MP
6	HK-100777	Ball Valve

Old Oil Tank

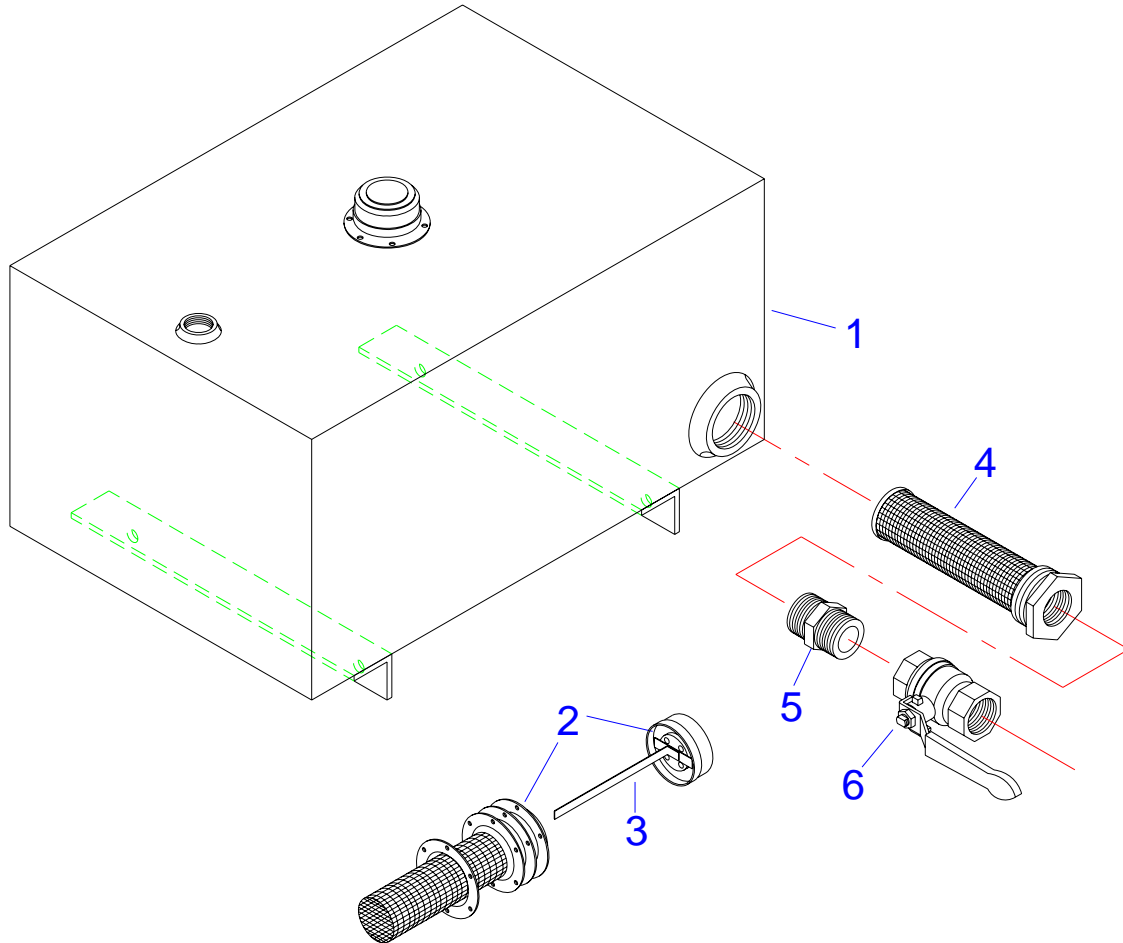
Fit Machine HK-3.5 & HK-4



ITEM	PART #	DESCRIPTION
1	H-1054	Tank and Motor Mount
2	HK-100464	Flange Bearing
4	H-101B	Shaft Coupling
5	HK-101197	Sprocket
7	HK-100589	Hydraulic Motor (See Page 116-117)
8	HW-300208ZG5	Nut, Hex, 1/2-13NC
9	HW-335208Z	Washer, Lock 1/2"
10	HW-208108G5Z	Bolt, 1/2-13NC x 1-1/2"
11	HW-208110G5Z	Bolt, 1/2-13NC x 1-3/4"
12	HK-100946	Guard Mount
13	HW-628109SBK	Screw, Set, SQ. HD Knurl CP 3/8"-16NC
14	H-100H	Hub Only For HK-101197 Sprocket
15	HK-100496	Key, 5/16 x 5/16 x 2-1/2 LG
16	HK-100722	Filter Assembly
17	HK-100721	Filter Replacement
18	N/A	Gauge

Oil Tank

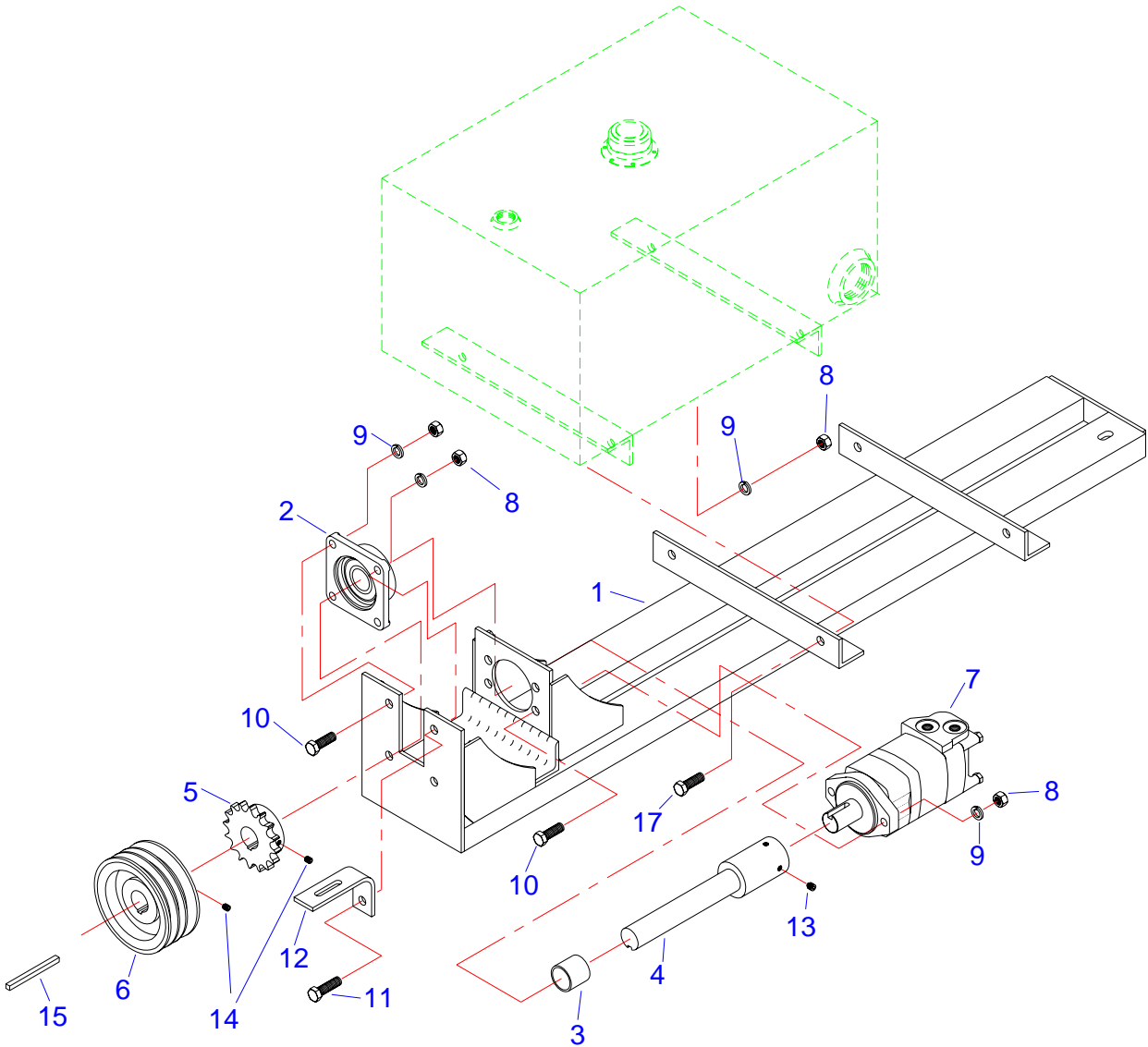
Fit Machines HK-2, HK-3, DB-1



1	HK-100414	Oil Tank
2	HK-100421	Cap Assembly
3	HK-100422	Cap Only
4	HK-100778	Tank Strainer
5	HK-100776	Hydraulic Nipple, 20MP x 20MP
6	HK-100777	Ball Valve

Oil Tank and Oil Tank Mount Assembly

Fit Machines HK-2 & HK-3



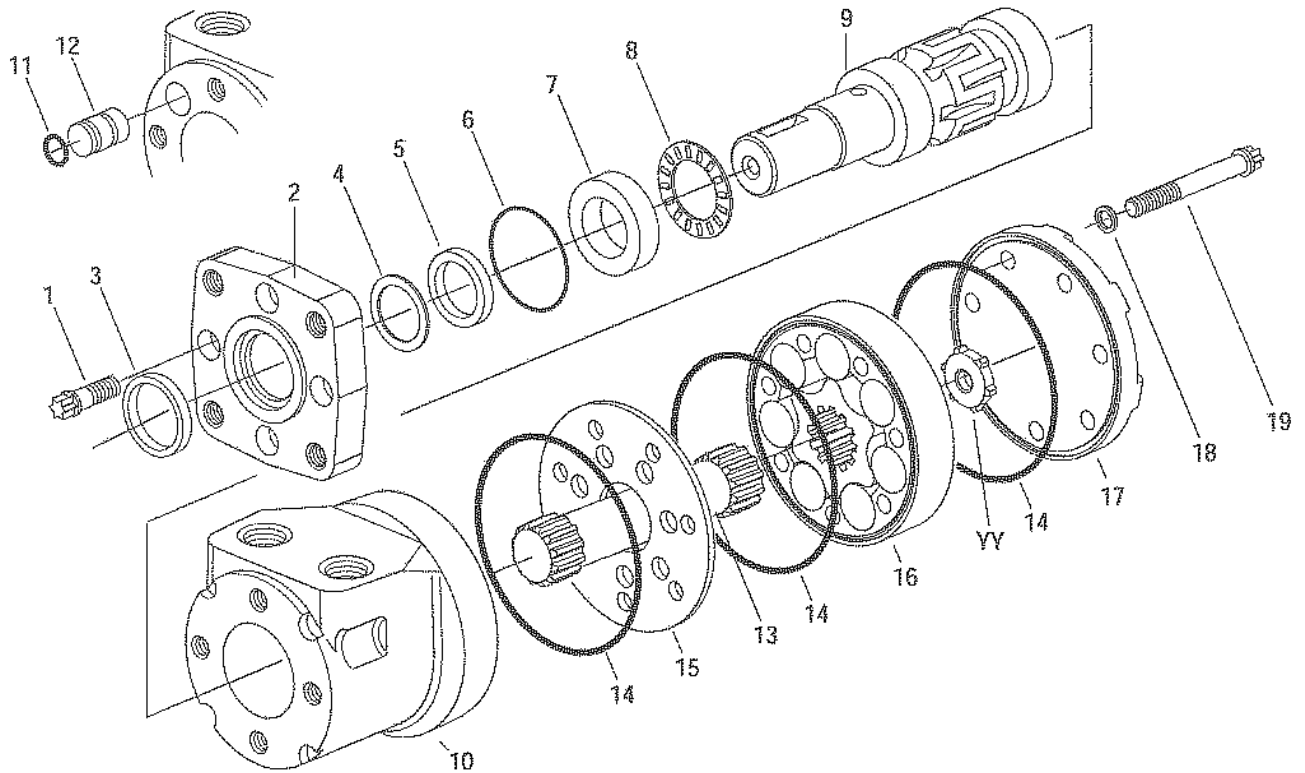
Oil Tank and Oil Tank Mount Assembly

Fit Machine HK-2 & HK-3

1	HK-100940	Tank and Motor Mount
2	HK-100464	Flange Bearing
3	HK-100564	Spacer
4	HK-100560	Shaft Coupling
5	HK-100563	Sprocket
6	HK-100428	Pulley
7	HK-100589	Hydraulic Motor (See Page 116-117)
8	HW-300208ZG5	Nut, Hex, 1/2-13NC
9	HW-335208Z	Washer, Lock 1/2"
10	HW-208108G5Z	Bolt, 1/2-13NCx 1-1/2
11	HW-208110G5Z	Bolt, 1/2-13NC x 1-3/4
12	HK-100946	Guard Mount
13	HW-625109SBK	Screw, Set Sq, HD, Knurl CP 3/8-16NC x 1/2
14	HW-624103SBK	Screw, Set Sq, HD, Knurl CP 5/16-18NC x 5/16
15	HK-101224	Key, 5/16 x 5/16 x 4
17	HW-208106G5Z	Bolt, Hex, 1/2-13NC x 1-1/4

Hydraulic Motor # HK-100481

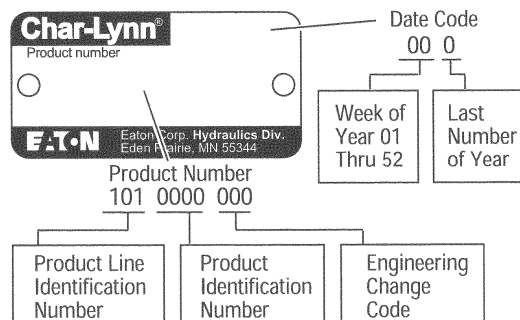
Fit Machine Loading Motor HK-3.5, HK-4, HK-5,
HK-5LP, DB-1, DB-2, DB-2LP, DB-4



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



Hydraulic Motor # HK-100481

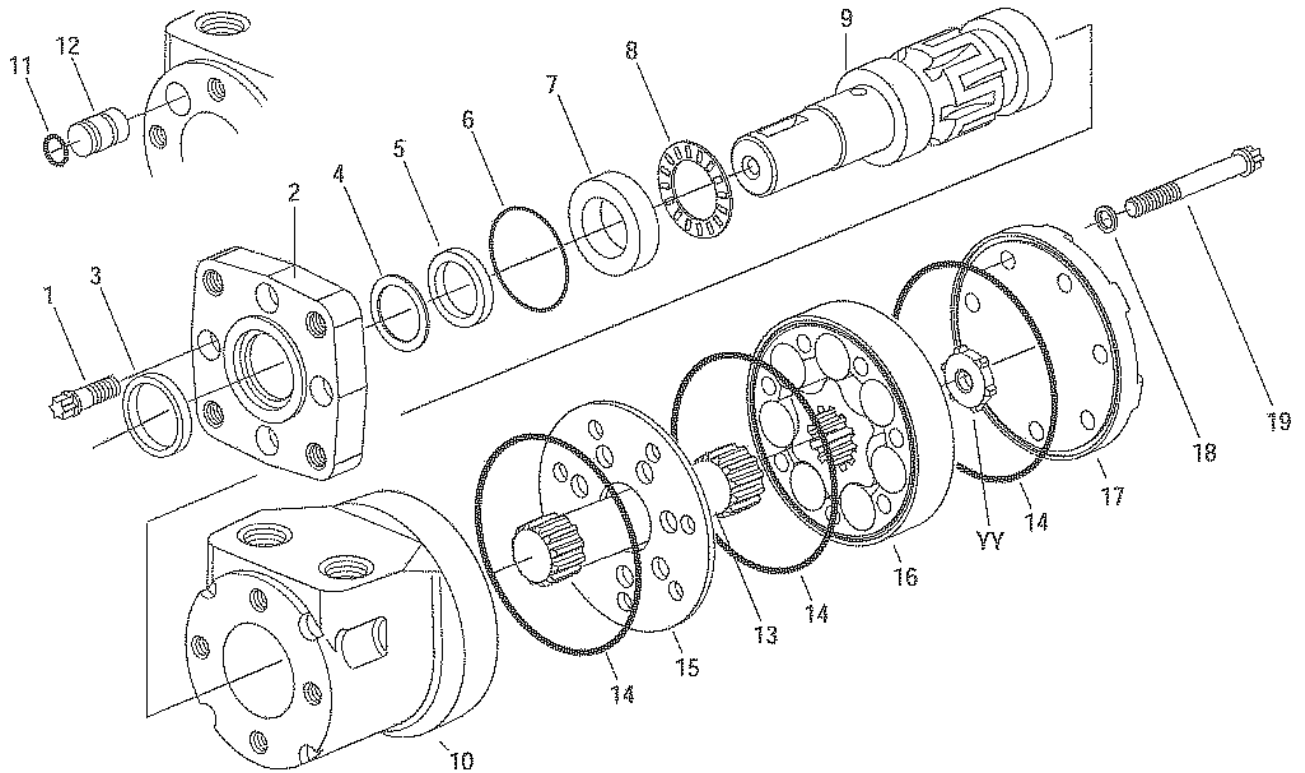
Fit Machine Loading Motor HK-3.5, HK-4, HK-5,
HK-5LP, DB-1, DB-2, DB-2LP, DB-4

	ITEM	PART #			DESCRIPTION	QTY
		-009	-010	-012		
	1	16292-008	16292-088	16292-088	Screw, Cap (6 Point (E10) Drive 5/16-24 UNF x 7/8)	4
	2	22000-002	22000-002	22000-002	Flange Mount (4 bolt) 3/8-16 UNC	1
X	3	9121-002	9121-002	9121-002	Seal, Exclusion	1
X	4		22002		Washer, Backup	1
X	5	9057-014	9057-014	9057-014	Seal, Pressure	1
X	6	9091-001	9091-001	9091-001	Seal	1
	7	7462-000	7462-000	7462-000	Race, Thrust Bearing	1
	8	7537-000	7537-000	7537-000	Bearing, Thrust Needle	1
	9	7360-001	7360-001	201616-001	Shaft, Output, Key, Woodruff (1"Ø Straight Shaft)	1
	10	8631-002	8631-002	4993789-002	Housing, 1/2 NPTF Ports	1
X	11				O-ring (Not Sold Separately)	1
	12				Plug (Not Sold Separately)	1
	13	8634-000	22253-000	4993244-009	Drive	1
X	14				Seal (Not Sold Separately)	1
	15	8636-000	8636-000	4993682-001	Plate, Spacer	1
	16	8632-007	8632-026	499415-009	Geroler	1
	17	21774-001	21774-001	4997139-001	Cap, End (without Port(s))	1
X	18	**	**		Seal, Washer (Not Sold Separately)	7
	19	16294-262	16294-275	16294-275	Screw, Cap (6 Point (E 10) Drive 5/16-24 UNF)	7
		60539	60539	9900101-000	Seal Kit (Buna N) – Contains Parts indicated by X	
	YY	N/A	N/A		Spacer	

** Used with 12 Point Cap Screws Only (Replacement Screws are 6 Point (E10) Drive, no Seal Washer Required).

Hydraulic Motor # HK-100507

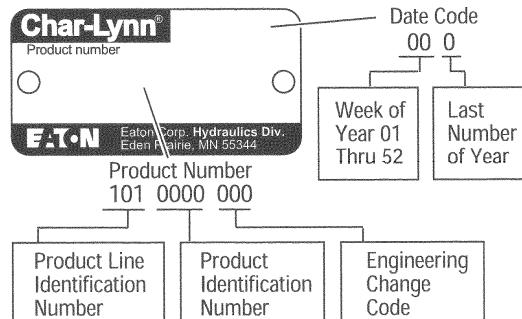
Fit Machine Leveling Motor HK-3.5, HK-4, HK-5,
HK-5LP, DB-2, DB-2LP, DB-4



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



Hydraulic Motor # HK-100507

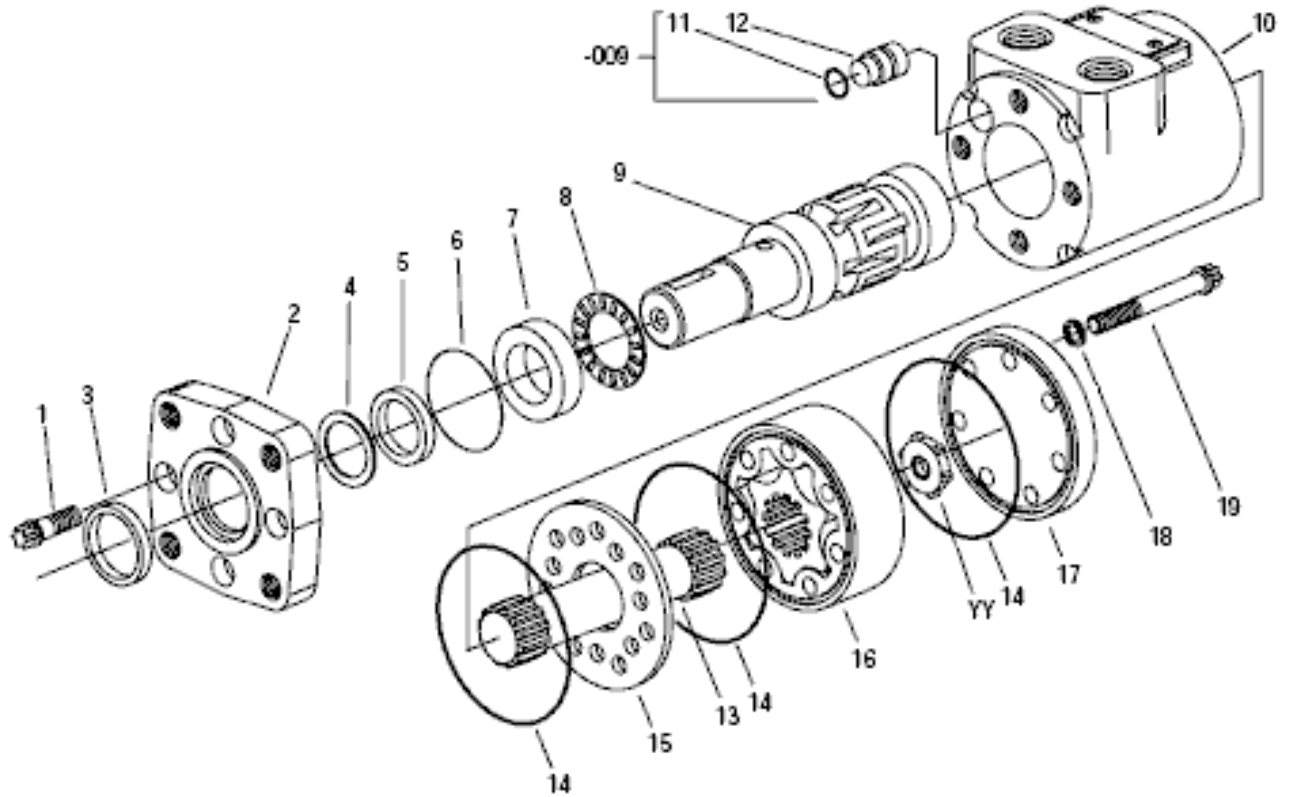
Fit Machine Leveling Motor HK-3.5, HK-4, HK-5,
HK-5LP, DB-2, DB-2LP, DB-4

	ITEM	PART #			DESCRIPTION	QTY
		-009	-010	-012		
	1	16292-008	16292-088	16292-008	Screw, Cap (6 Point (E10) Drive 5/16-24 UNF x 7/8)	4
	2	22000-002	22000-002	22000-002	Flange Mount (4 bolt) 3/8-16 UNC	1
X	3	9121-002	9121-002	9121-002	Seal, Exclusion	1
X	4		22002		Washer, Backup	1
X	5	9057-014	9057-014	9057-014	Seal, Pressure	1
X	6	9091-001	9091-001	9091-001	Seal	1
	7	7462-000	7462-000	7462-000	Race, Thrust Bearing	1
	8	7537-001	7537-000	7537-000	Bearing, Thrust Needle	1
	9	7360-001	7360-001	201616-001	Shaft, Output, Key, Woodruff (1"Ø Straight Shaft)	1
	10	8631-002	8631-002	4993789-002	Housing, 1/2 NPTF Ports	1
X	11				O-ring (Not Sold Separately)	1
	12				Plug (Not Sold Separately)	1
	13	8634-000	22191-000	4993244-010	Drive	1
X	14				Seal (Not Sold Separately)	1
	15	8636-000	8636-000	4993682-001	Plate, Spacer	1
	16	8632-008	8632-027	499415-010	Geroler	1
	17	21774-001	21774-001	4997139-001	Cap, End (without Port(s))	1
X	18		**		Seal, Washer (Not Sold Separately)	7
	19	16924-312	16294-312	16294-312	Screw, Cap (6 Point (E 10) Drive 5/16-24 UNF)	7
		60539	60539	9900101-000	Seal Kit (Buna N) – Contains Parts indicated by X	
	YY	6901-004	N/A	N/A	Spacer	

** Used with 12 Point Cap Screws Only (Replacement Screws are 6 Point (E10) Drive, no Seal Washer Required).

Hydraulic Motor # HK-100513

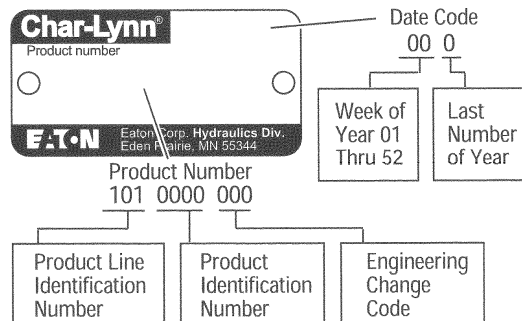
Fit Machine (Leveling Motor HK-2, HK-3, DB-1)
(Unloading Motor HK-2)



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



Hydraulic Motor # HK-100513

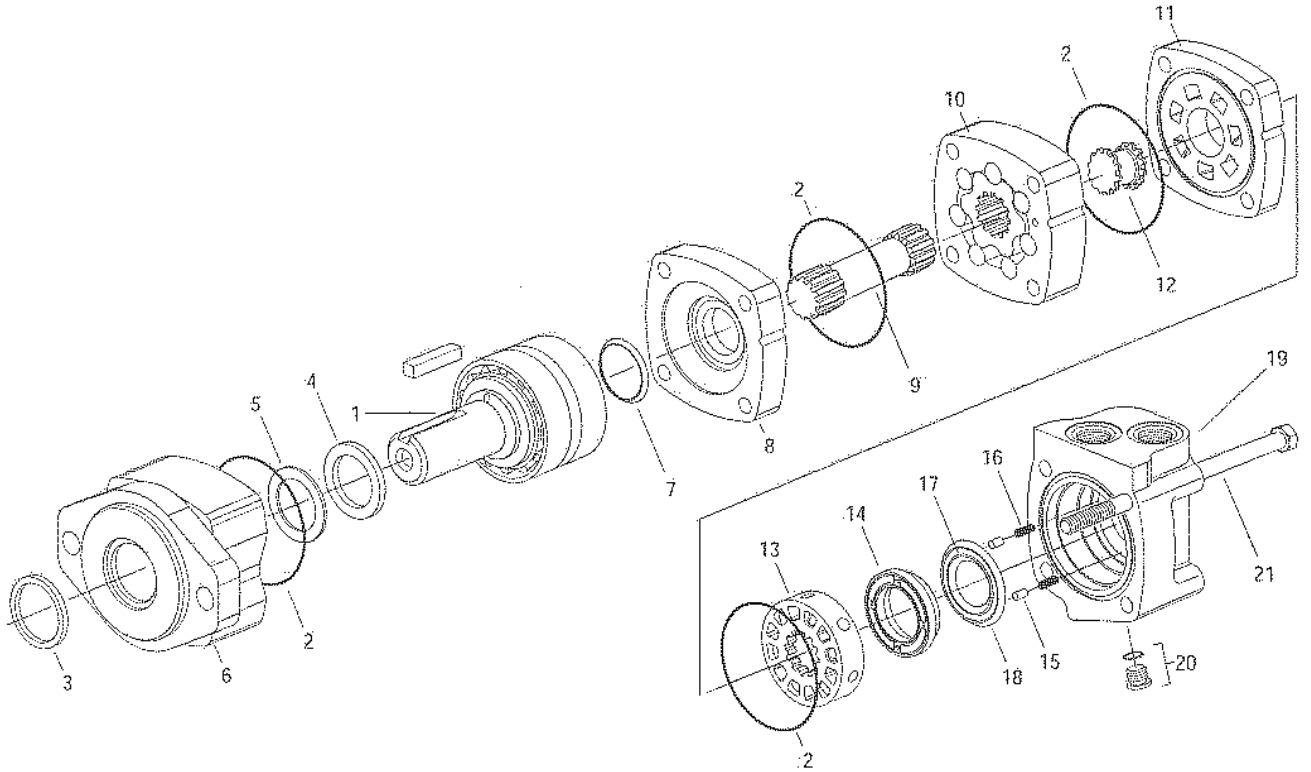
Fit Machine (Leveling Motor HK-2, HK-3, DB-1)
(Unloading Motor HK-2)

ITEM	PART #		DESCRIPTION	QTY	
	-007	-009			
1	16292-088	16292-088	Screw, Cap (6 Point (E10) Drive 5/16-24 UNF x 7/8)	4	
2	7464-000	22000-002	Flange Mount (4 bolt) 3/8-16 UNC	1	
X	3	9121-0025	9121-002	Seal, Exclusion	1
X	4		22002	Washer, Backup	1
X	5	9057-001	9057-014	Seal, Pressure	1
X	6	9091-001	9091-001	Seal	1
	7	7462-000	7462-000	Race, Thrust Bearing	1
	8	7537-000	7537-000	Bearing, Thrust Needle	1
	9	7360-001	14193-000	Shaft, Output, Key, Woodruff (1"Ø Straight Shaft)	1
	10	7359-002	22230-002	Housing, 1/2 NPTF Ports	1
X	11			O-ring (Not Sold Separately)	1
	12	8985000	22229-000	Plug	1
	13	616-000	22191-000	Drive	1
X	14			Seal (Not Sold Separately)	1
	15	7358-000	7358-000	Plate, Spacer	1
	16	8277-008	8277-027	Geroler	1
	17	7461-000	7461-000	Cap, End (without Port(s))	1
X	18	**	**	Seal, Washer (Not Sold Separately)	7
	19	16294-325	16294.325	Screw, Cap (6 Point (E 10) Drive 5/16-24 UNF)	7
		CL101	CL102	Seal Kit (Buna N) – Contains Parts indicated by X	
	YY	6901-008	N/A	Spacer	

** Used with 12 Point Cap Screws Only (Replacement Screws are 6 Point (E10) Drive, no Seal Washer Required).

Hydraulic Motor # HK-100589

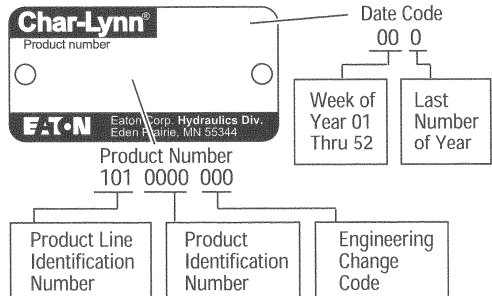
Fit Machine (Cylinder Motor HK-2, HK-3, HK-3.5, HK-4, HK-5,
HK-5LP, DB-1, DB-2, DB-2LP, DB-4)
(Unloading Motor HK-3)



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



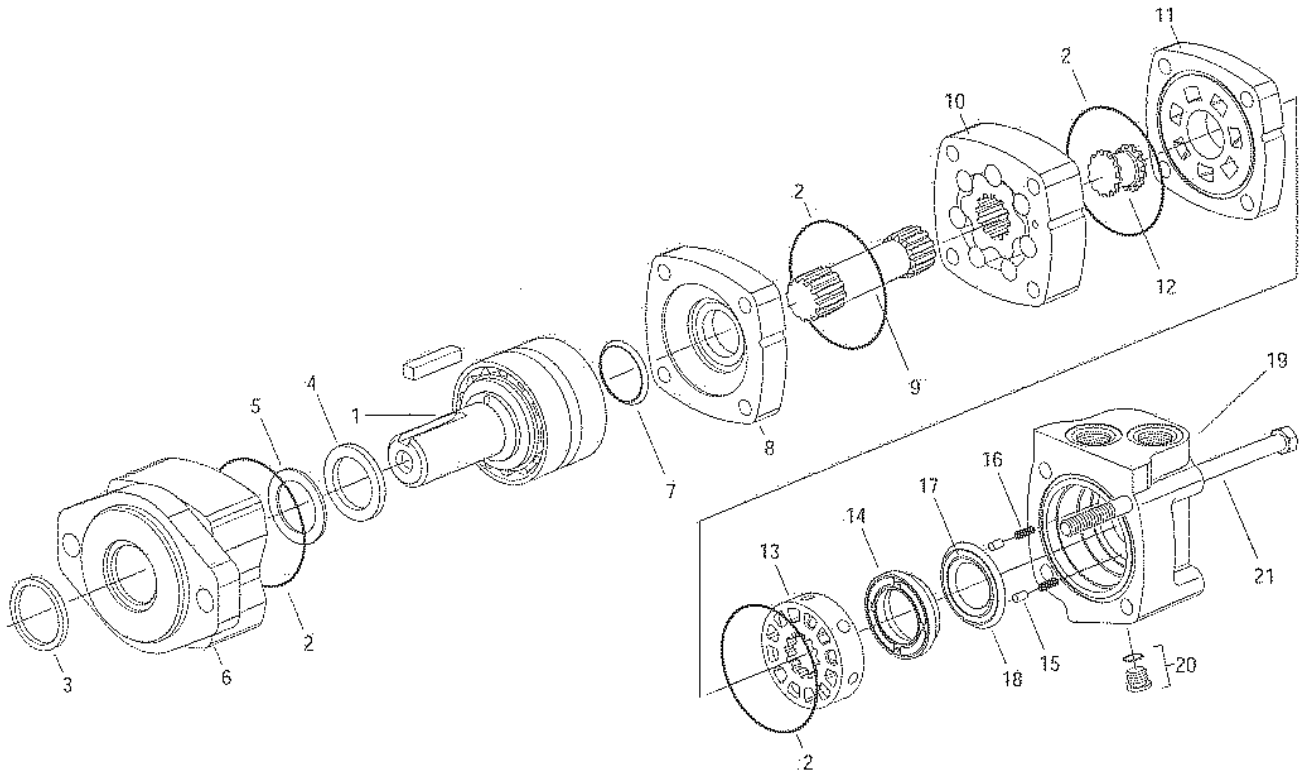
Hydraulic Motor # HK-100589

Fit Machine (Cylinder Motor HK-2, HK-3, HK-3.5, HK-4, HK-5,
HK-5LP, DB-1, DB-2, DB-2LP, DB-4)
(Unloading Motor HK-3)

	ITEM	PART #	DESCRIPTION	QTY
	1	21618-002	Shaft and Bearing Kit	1
		14392-008	Key	1
*	2		Seal (Not Sold Separately)	4
*	3	9121-001	Seal Exclusion Dust Seal	1
*	4	9057-009	Seal, Pressure Seal	1
*	5	7382	Ring, Back-up	1
	6	21578-004	Housing, Bearing	1
*	7		Seal, Shaft Face (Not Sold Separately)	1
	8	22102-000	Plate, Wear	1
	9	21371-007	Drive, Main	1
	10	21625-007	Geroler	1
	11	22134-000	Plate Valve	1
	12	8433-000	Drive, Valve	1
	13	21466-000	Valve	1
	14	8915-000	Balance Ring	1
	15	14351-000	Pin, Balance Ring	2
	16	7383-000	Spring, Compression	2
*	17		Seal, Face, Inner (Not Sold Separately)	1
*	18		Seal, Face, Outer (Not Sold Separately)	1
	19	21564-001	Housing, Valve	1
	20	9072-003	Plug Assembly	1
*			O-ring (Not Sold Separately)	1
	21	14384-012	Screw, Cap	4
		61258-000	Seal, Kit (Contains Parts Indicated by *)	

Hydraulic Motor # HK-100953

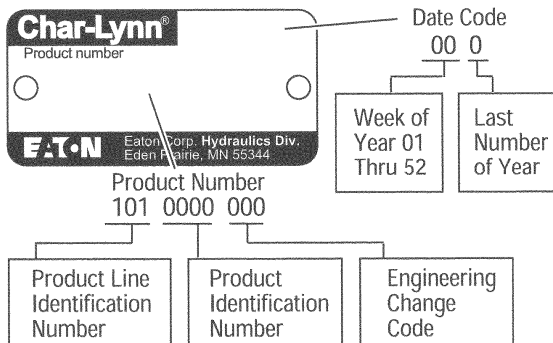
Fit Machine (Unloading Motor HK-3.5, HK-4, HK-5, HK-5LP)



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



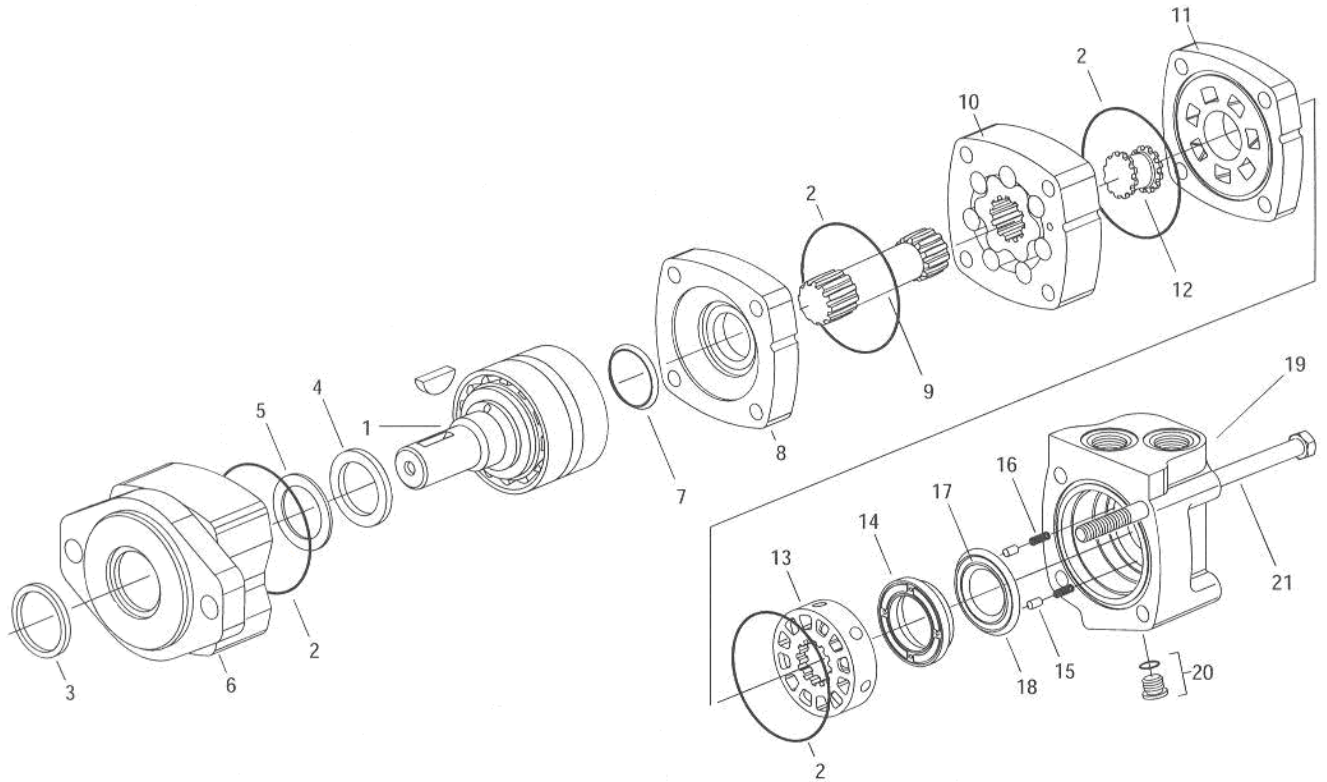
Hydraulic Motor # HK-100953

Fit Machine (Unloading Motor HK-3.5, HK-4, HK-5, HK-5LP)

ITEM	PART #	DESCRIPTION	QTY
1	21618-002	Shaft and Bearing Kit	1
	14392-008	Key	1
*	2	Seal (Not Sold Separately)	4
*	3	Seal Exclusion Dust Seal	1
*	4	Seal, Pressure Seal	1
*	5	7382 Ring, Back-up	1
	6	21578-004 Housing, Bearing	1
*	7	Seal, Shaft Face (Not Sold Separately)	1
	8	22102-000 Plate, Wear	1
	9	21371-008 Drive, Main	1
	10	21625-008 Geroler	1
	11	22134-000 Plate Valve	1
	12	8433-000 Drive, Valve	1
	13	21466-000 Valve	1
	14	8915-000 Balance Ring	1
	15	14351-000 Pin, Balance Ring	2
	16	7383-000 Spring, Compression	2
*	17	Seal, Face, Inner (Not Sold Separately)	1
*	18	Seal, Face, Outer (Not Sold Separately)	1
	19	21564-001 Housing, Valve	1
	20	9072-003 Plug Assembly	1
*		O-ring (Not Sold Separately)	1
	21	14384-012 Screw, Cap	4
	61258-000	Seal, Kit (Contains Parts Indicated by *)	

Hydraulic Motor # HK-100955

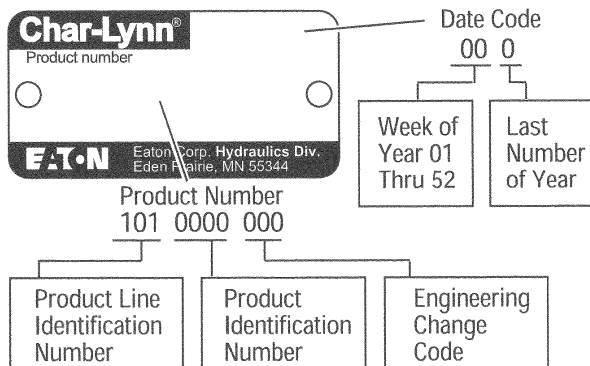
Fit Machine (Spinner Motor HK-3.5, HK-4, HK-5, HK-5LP)



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



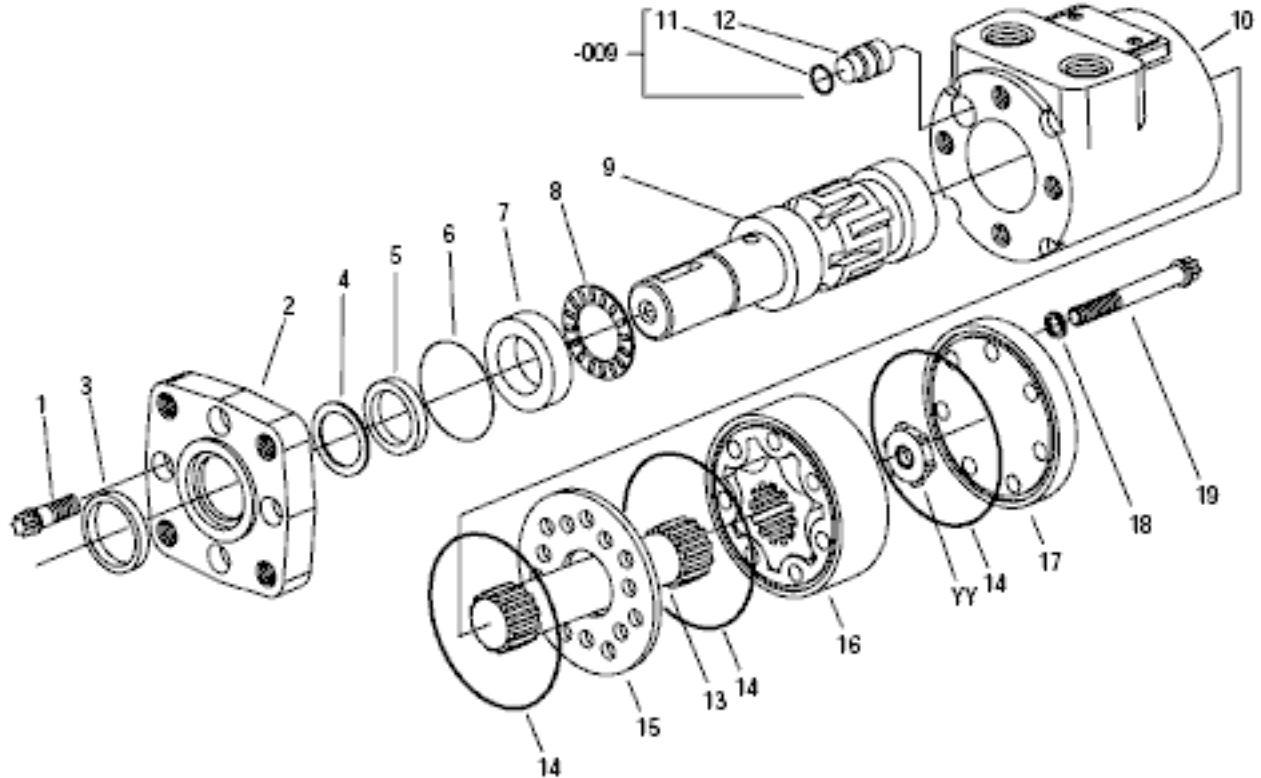
Hydraulic Motor # HK-100955

Fit Machine (Spinner Motor HK-3.5, HK-4, HK-5, HK-5LP)

	ITEM	PART #	DESCRIPTION	QTY
	1	21618-002	Shaft and Bearing Kit	1
		14392-008	Key	1
*	2		Seal (Not Sold Separately)	4
*	3	9121-001	Seal Exclusion Dust Seal	1
*	4	9057-009	Seal, Pressure Seal	1
*	5	7382	Ring, Back-up	1
	6	21578-004	Housing, Bearing	1
*	7		Seal, Shaft Face (Not Sold Separately)	1
	8	22102-000	Plate, Wear	1
	9	21371-004	Drive, Main	1
	10	21625-003	Geroler	1
	11	22134-000	Plate Valve	1
	12	8433-000	Drive, Valve	1
	13	21466-000	Valve	1
	14	8915-000	Balance Ring	1
	15	14351-000	Pin, Balance Ring	2
	16	7383-000	Spring, Compression	2
*	17		Seal, Face, Inner (Not Sold Separately)	1
*	18		Seal, Face, Outer (Not Sold Separately)	1
	19	21564-001	Housing, Valve	1
	20	9072-003	Plug Assembly	1
*			O-ring (Not Sold Separately)	1
	21	14384-003	Screw, Cap	4
		61258-000	Seal, Kit (Contains Parts Indicated by *)	

Hydraulic Motor # HK-100512

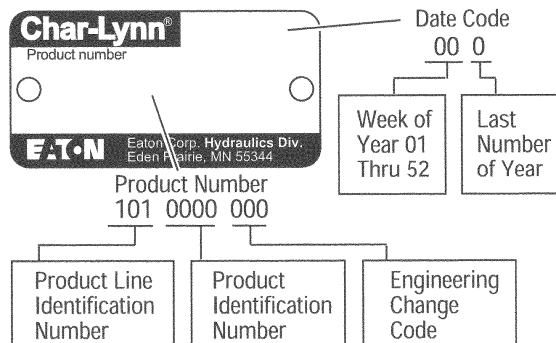
Fit Machine (Hydraulic Loading Motor HK-2, HK-3)



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



Hydraulic Motor # HK-100512

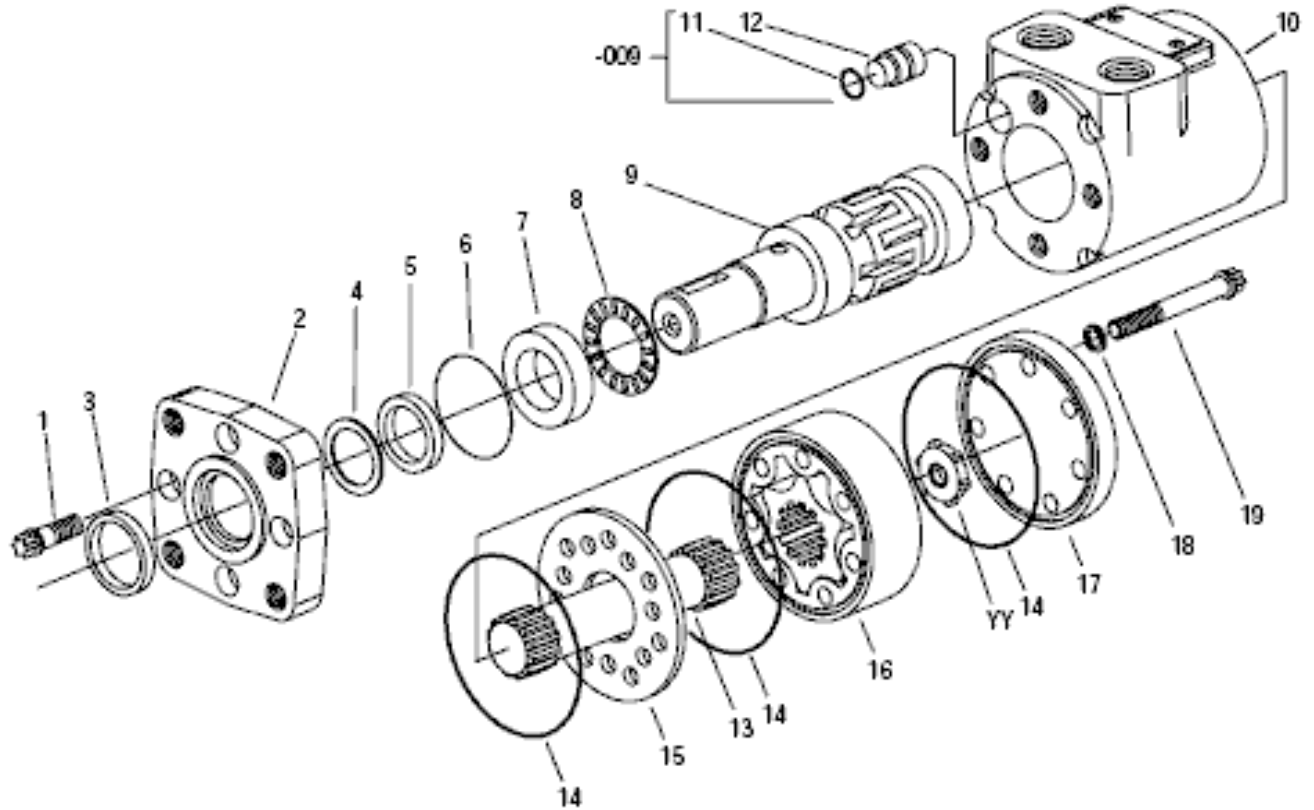
Fit Machine (Hydraulic Loading Motor HK-2, HK-3)

ITEM	PART #		DESCRIPTION	QTY
	-007	-009		
1	1929-008	16292-088	Screw, Cap (6 Point (E10) Drive 5/16-24 UNF x 7/8)	4
2	7464-000	22000-002	Flange Mount (4 bolt) 3/8-16 UNC	1
X 3	7121-002	9121-002	Seal, Exclusion Dust Seal	1
X 4		22002	Washer, Backup	1
X 5	9057-001	9057-014	Seal, Pressure Seal	1
X 6	9091-1	9091-1	Seal	1
7	7462-000	7462-000	Race, Thrust Bearing	1
8	7537-000	7537-000	Bearing, Thrust Needle	1
9	7360-001	14193-000	Shaft, Output, Key, Woodruff (1"Ø Straight Shaft)	1
10	7359-002	22230-002	Housing, 1/2 NPTF Ports	1
X 11			O-ring (Not Sold Separately)	1
12	8985-000	22229-000	Plug	1
13	616-000	22253-000	Drive	1
X 14			Seal (Not Sold Separately)	1
15	7358-000	7358-000	Plate, Spacer	1
16	8277-007	8277-026	Geroler	1
17	7461-000	7461-000	Cap, End (without Port(s))	1
X 18	**	**	Seal, Washer (Not Sold Separately)	7
19	19294-275	16294.288	Screw, Cap (6 Point (E 10) Drive 5/16-24 UNF)	7
	CL101	CL102	Seal Kit (Buna N) – Contains Parts Indicated by X	
YY	6901-006	N/A	Spacer	1

** Used with 12 Point Cap Screws Only (Replacement Screws are 6 Point (E10) Drive, no Seal Washer Required).

Hydraulic Motor # HK-100954

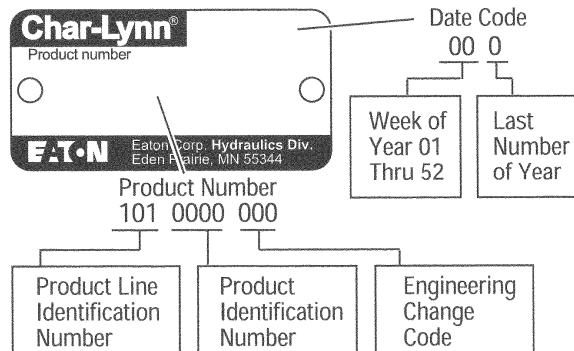
Fit Machine (Spinner Motor HK-2, HK-3)



How to Order Replacement Parts

Each Order Must Include the Following:

1. Product Number
2. Date Code
3. Part Name
4. Part Number
5. Quantity of Parts



Hydraulic Motor # HK-100954

Fit Machine (Spinner Motor HK-2, HK-3)

ITEM	PART #		DESCRIPTION	QTY
	-007	-009		
1	16292-008	16292-088	Screw, Cap (6 Point (e10) Drive 5/16-24 UNF x 7/8)	4
2	7464-000	22000-002	Flange Mount (4 bolt) 3/8-16 UNC	1
X 3	9121-002	9121-002	Seal, Exclusion Dust	1
X 4		22002	Washer, Backup	1
X 5	9057-001	9057-014	Seal, Pressure	1
X 6	9091-1	9091-1	Seal	1
7	7462-001	7462-000	Race, Thrust Bearing	1
8	7537-000	7537-000	Bearing, Thrust Needle	1
9	7360-001	14193-000	Shaft, Output, Key, Woodruff (1"Ø Straight Shaft)	1
10	7359-002	22230-002	Housing, 1/2 NPTF Ports	1
X 11			O-ring (Not Sold Separately)	1
12	8985-000	22229-000	Plug	1
13	616-000	616-000	Drive	1
X 14			Seal (Not Sold Separately)	1
15	7358-000	7358-000	Plate, Spacer	1
16	8277-003	8277-003	Geroler	1
17	7461-000	7461-000	Cap, End (without Port(s))	1
X 18		**	Seal, Washer (Not Sold Separately)	7
19	16294-175	16294-175	Screw, Cap (6 Point (E 10) Drive 5/16-24 UNF)	7
	CL101	CL102	Seal Kit (Buna N) – Contains Parts Indicated by X	
YY	N/A	N/A	Spacer	1

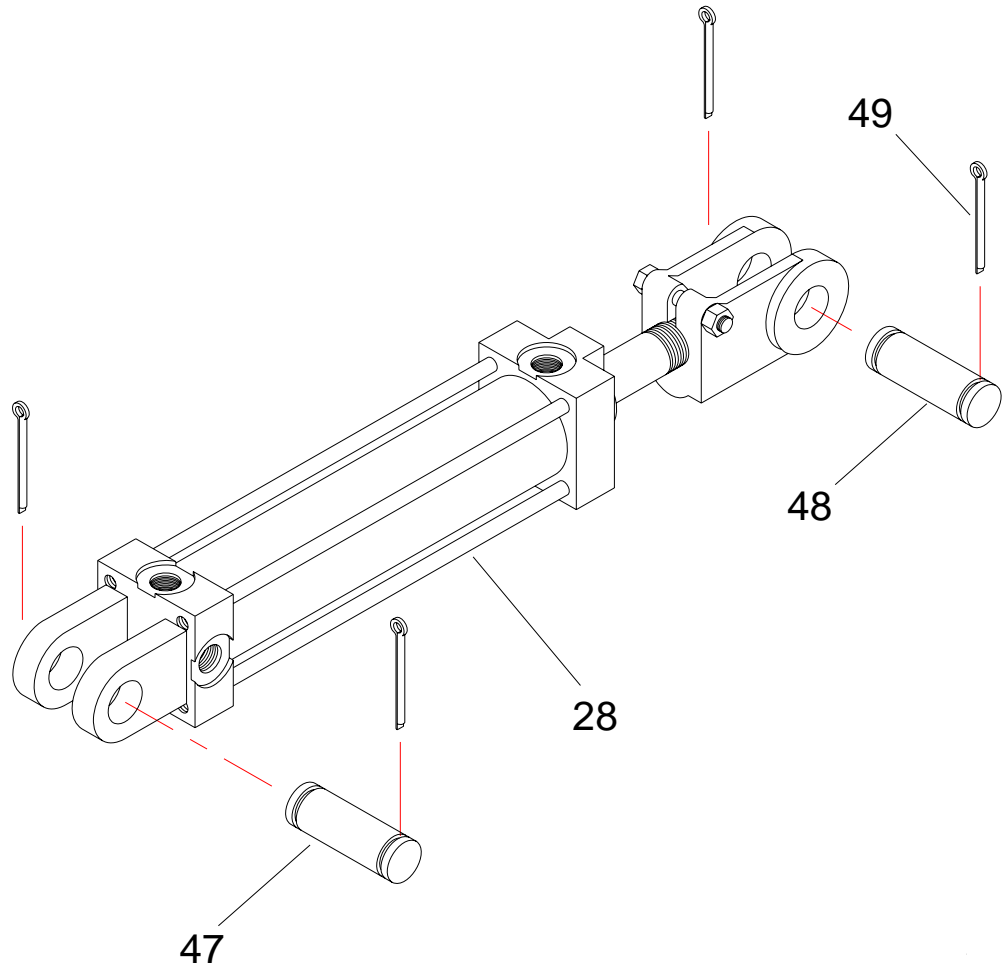
** Used with 12 Point Cap Screws Only (Replacement Screws are 6 Point (E10) Drive, no Seal Washer Required).

DANFOSS SEAL KITS

MOTOR #	SEAL KIT #
HK-100589-D	151F0111
HK-100953-D	151F0111
HK-100955-D	151F0111
WB-100070-D	151F0111
HK-100481-D	11188319
HK-100507-D	11188319
HK-100954-D	11188319
HK-100512-D	11188319
HK-100513-D	11188319

DB 2 & DB-2LP Dump Cylinder

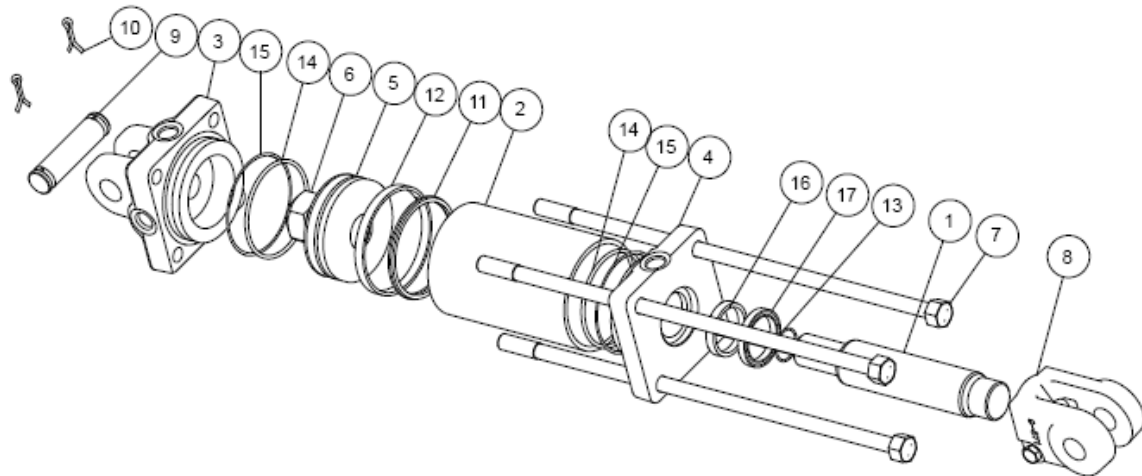
Fit Machine DB-2, DB-2LP



ITEM	PART #	DESCRIPTION
28	DB-200004	Hydraulic Cylinder
47	HK-101307	Hydraulic Cylinder Pin 3-1/2" L G)
48	DB-200089	Hydraulic Cylinder Pin(4" L G)
49	HW-425112	Cotter Pin

Dump Cylinder # DB-200004

Fit Machine DB-2, DB-2LP

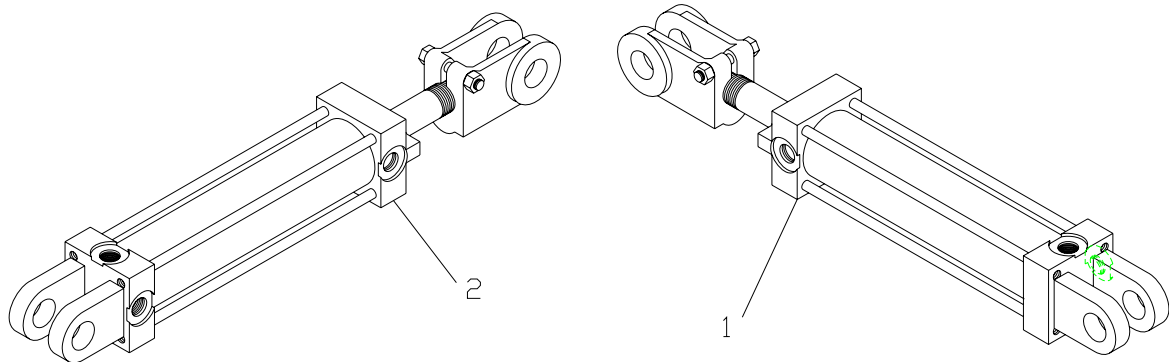


ITEM	PART #	DESCRIPTION	QTY.
1	001029438A	Piston Rod	1
2	051926563A	Tube	1
3	1419005SF	Butt	1
4	0819BBNSF	Gland	1
5	071900260	Piston	1
6	220000212	Lock Nut	1
7	170301294	Tie-Rod	4
8	100000326	Clevis Assembly	1
9	HK-101307	Clevis Pin (3-1/2" L G)	1
9	DB-200089	Clevis Pin (4" L G)	1
10	001-3363	Cotter Pin	4
11	240060342	Crown Seal	1
12	240011119	Bearing Ring	1
13	240000026	O-Ring	1
14	240000240	O-Ring	2
15	240061240	BU-Washer	2
16	240020007	U-Cup	1
17	250014175	Wiper	1
	PMCK-SAE-34000	Packing Kit (See Note)	

Note: Items 11, 12, 13, 14, 15, 16, and 17 included in Kit

DB-1 Dump Cylinder

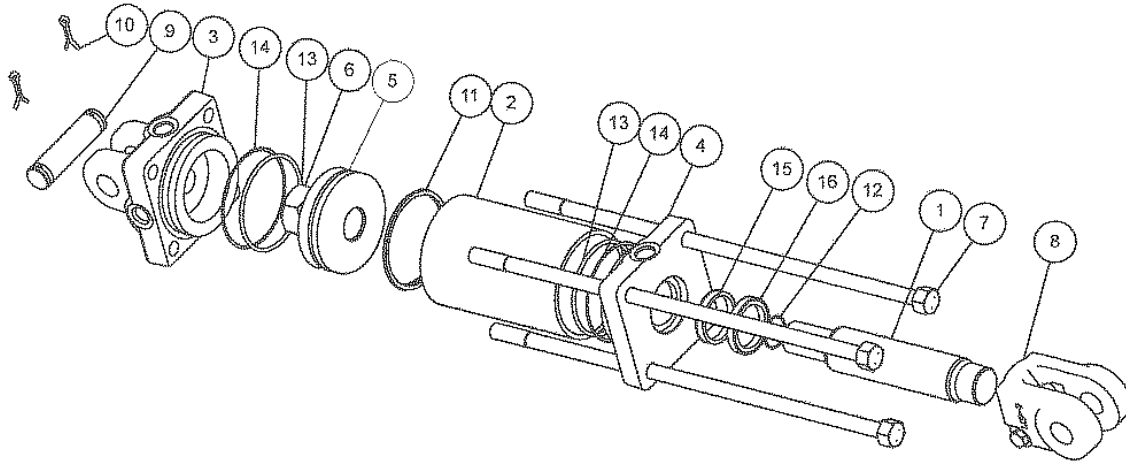
Fit Machine DB-1



ITEM	PART #	DESCRIPTION
1	DB-400130	Hydraulic Cylinder L.H
2	DB-400129	Hydraulic Cylinder R.H.

Dump Cylinder # DB-400129 and # DB-400130

Fit Machine DB-1



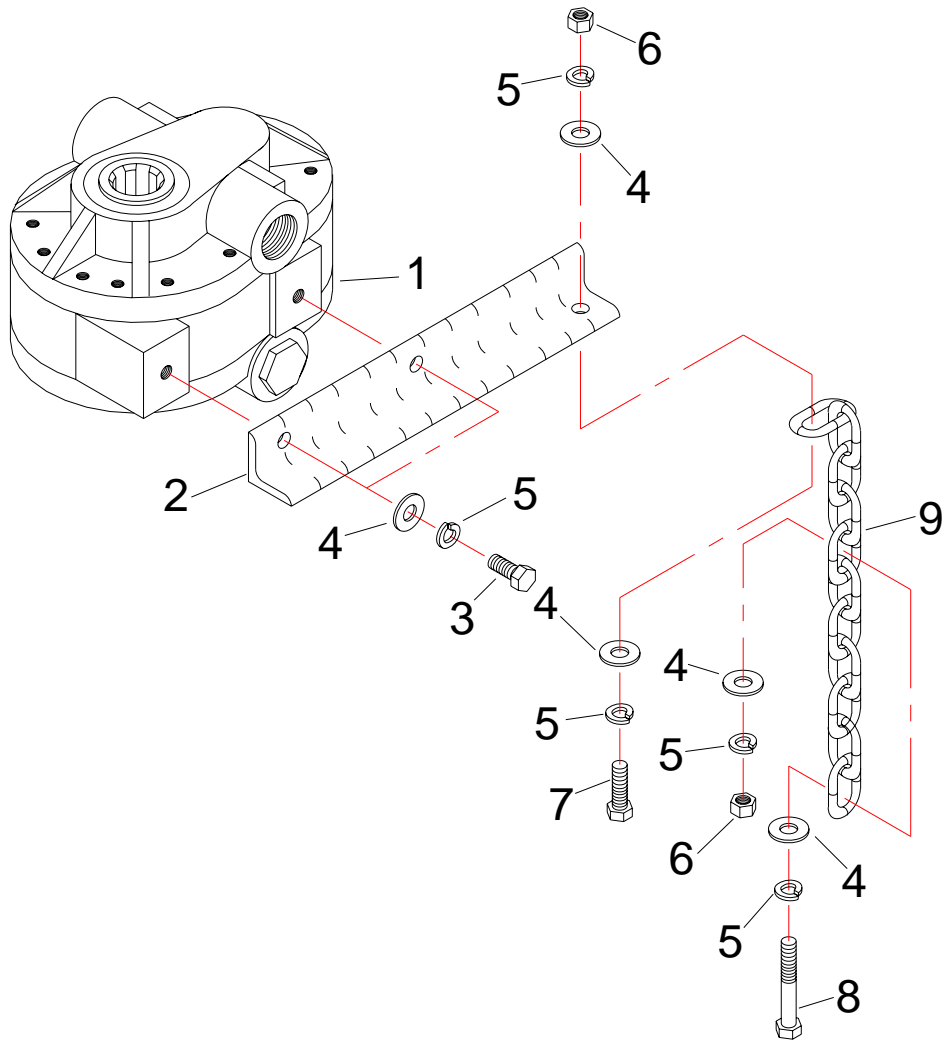
ITEM	PART #	DESCRIPTION	QTY.
1	010741750A	Piston Rod	1
2	051538063A	Tube	1
3	1415005SF	Butt	1
4	0815BBGSF	Gland	1
5	071500244	Piston	1
6	220000210	Lock Nut	1
7	170201402	Tie-Rod	4
8	100000423	Clevis Assembly	1
9	HK-101307	Clevis Pin	2
10	HW-425112	Cotter Pin	4
11	240060334	Crown Seal	1
12	240000022	O-Ring	1
13	240000232	O-Ring	1
14	240061232	BU-Washer	2
15	240037106	U-Cup	2
16	250014137	Wiper	1
*	240020185	U-Cup	1
	PMCK-SAE-33000	Packing Kit (See Note)	

Note: Items 11, 12, 13, 14, 15, and 16 included in Kit

* Included in Packing Kit as replacement seals for older cylinders

Pump and Torque Arm

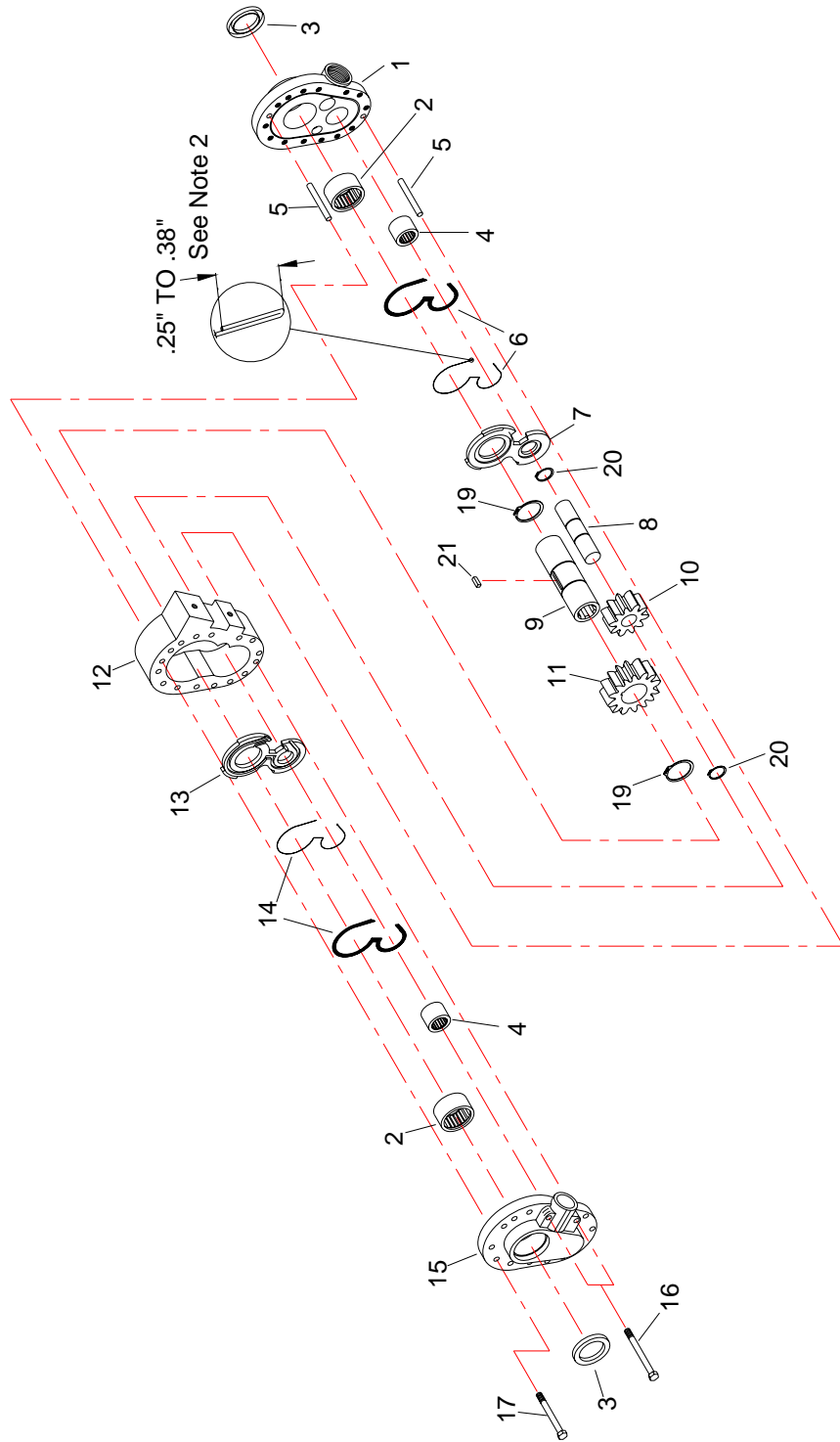
Fit machine HK-2, HK-3, DB-1



1	HK-100718	Hydraulic Pump
2	HK-101049	Torque Arm
3	HW-204104G5Z	Bolt 3/8-16Nc x 1, gr5
4	HW-325204Z	Washer, Flat 3/8
5	HW-335204Z	Washer, Lock, 3/8
6	HW-300204ZG5	Nut, 3/8-16NC
7	HW-204106G5Z	Bolt, 3/8-16NC x 1-1/4, gr5
8	HW-204116G5Z	Bolt, 3/8-16NC x 2-1/2, gr5
9	HK-101261	Chain, (18 Links)
	HK-101331	Pump/Torque Arm Fit Machine HK-2, HK-3, DB-1 (15 gal)

Hydraulic Pump # HK-100718

Fit Machine HK-2, HK-3, DB1



Hydraulic Pump # HK-100718

Fit Machine HK-2, HK-3, DB-1 (15 gal)

Item	Part #	Description
1	HK101J	Back Plate
2	HK101H	Drive Shaft Bearing
3	151	Shaft Seal
4	HK101G	Idler Shaft Bearing
5	HK101N	Dowel Pin
6		Seal (Not Sold Separately)
7	HK101E	Wear Plate, Back
8	HK101K	Idler Shaft
9	HK101B	Drive Shaft
10	HK101C	Idler Gear
11	HK101D	Drive Gear
12	HK101A	Body (Special Order Only)
13	HK101F	Wear Plate, Front
14		Seal (Not Sold Separately)
15	HK101I	Front Plate
16	HK101L	Cap Screw 3/8-16NC
17	HK101M	Cap Screw 3/8-16NC
18	PMCK-PTO-1A	Seal Kit (Items 3, 6, & 14 are included)
19	HK101S	Snap Ring, Drive
20	HK101R	Snap Ring, Idler
21	HK101T	Key (1/4 x 1/4 x 3/4)

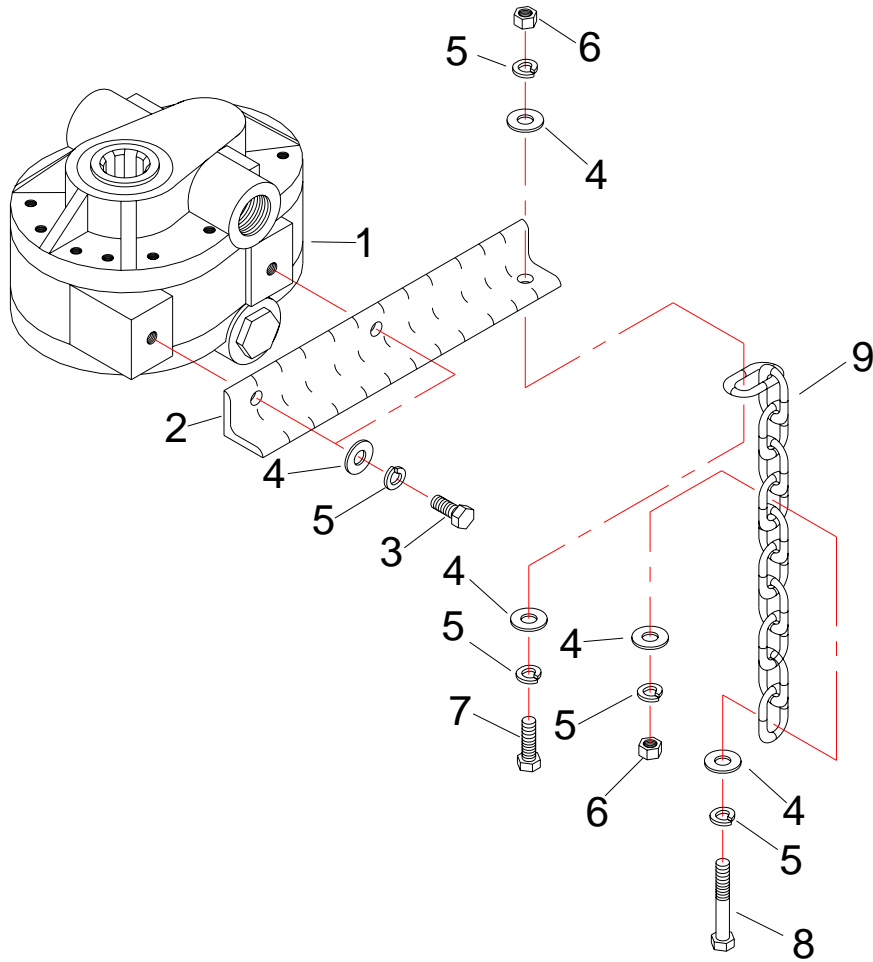
NOTES:

1. Torque Bolts to 30-35 ft-lbs.
2. Seal Stock is to be assembled between Wear Plate and Protector and then Trimmed so that from .25" to .38" extends from Wear plate on each end. The excess is then tucked back into Wear Plate Slot on the outside until it's flush with the Wear Plate edge.
3. During break-in, Gears will rub on inlet side of Body and "Mill" a slight Track-In Groove. The Track-In area should appear smooth and without distinct score lines.

Pump and Torque Arm

Serial # 5176 and Below

Fit Machine HK-3.5, HK4, HK5, HK-5LP (20 gal)
 Serial # 9077 (NOV. 2019) ALL HK & DB MODELS



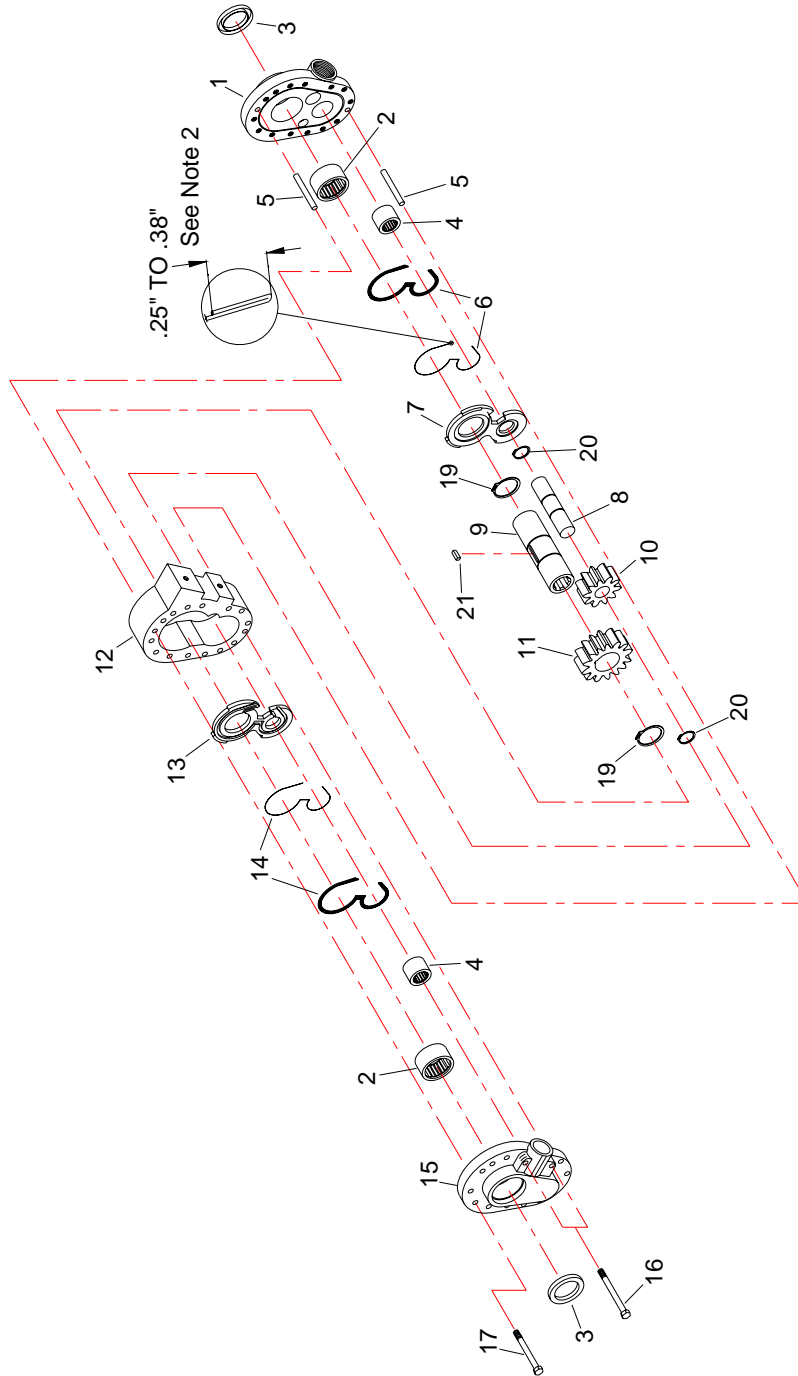
1	HK-100719	Hydraulic Pump
2	HK-101049	Torque Arm
3	HW-204104G5Z	Bolt 3/8-16Nc x 1, gr5
4	HW-325204Z	Washer, Flat 3/8
5	HW-335204Z	Washer, Lock, 3/8
6	HW-300204Z	Nut, 3/8-16NC
7	HW-204106G5Z	Bolt, 3/8-16NC x 1-1/4, gr5
8	HW-204116G5Z	Bolt, 3/8-16NC x 2-1/2, gr5
9	HK-101261	Chain, (18 Links)

Hydraulic Pump # HK-100719

Serial # 5176 and Below

Fit Machine HK-3.5, HK4, HK5, HK-5LP (20 gal)

Serial # 9077 (NOV. 2019) ALL HK & DB MODELS



Hydraulic Pump # HK-100719

Serial # 5176 and Below

Fit Machine HK-3.5, HK4, HK5, HK-5LP (20 gal)

Serial # 9077 (NOV. 2019) ALL HK & DB MODELS

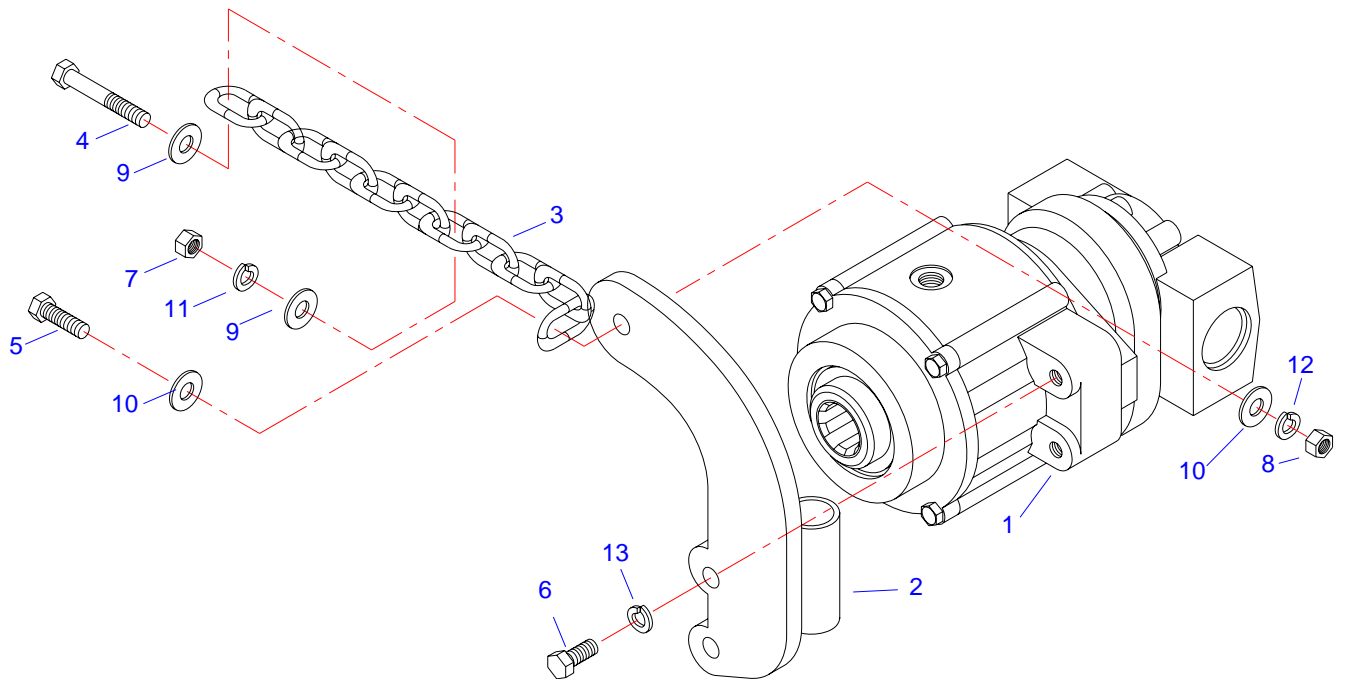
Item	Ref	Part #	Description
1	HK101J	HK101J	Back Plate
2	HK101H	HK-101H	Drive Shaft Bearing
3		151	Shaft Seal
4	HK101G	HK101G	Idler Shaft Bearing
5		N/A	Dowel Pin
6			Seal (Not Sold Separately)
7	HK101E	HK101E	Wear Plate, Back
8		N/A	Idler Shaft
9		HK-101B20	Drive Shaft
10		N/A	Idler Gear
11		N/A	Drive Gear
12		N/A	Body (Special Order Only)
13	HK101F	HK101F	Wear Plate, Front
14			Seal (Not Sold Separately)
15	HK101I	HK101I	Front Plate
16		N/A	Cap Screw 3/8-16NC
17		N/A	Cap Screw 3/8-16NC
18		PMCK-PTO-1AS	Seal Kit (Items 3, 6, & 14 are included)
19	HK101S	HK101S	Snap Ring, Drive (Not Sold Separately)
20	HK101R	HK101R	Snap Ring, Idler (Not Sold Separately)
21	HK101T	HK101T	Key (1/4 x 1/4 x 3/4) (Not Sold Separately)

NOTES:

4. Torque Bolts to 30-35 ft-lbs.
5. Seal Stock is to be assembled between Wear Plate and Protector and then Trimmed so that from .25" to .38" extends from Wear plate on each end. The excess is then tucked back into Wear Plate Slot on the outside until it's flush with the Wear Plate edge.
6. During break-in, Gears will rub on inlet side of Body and "Mill" a slight Track-In Groove. The Track-In area should appear smooth and without distinct score lines.

Hydraulic Pump

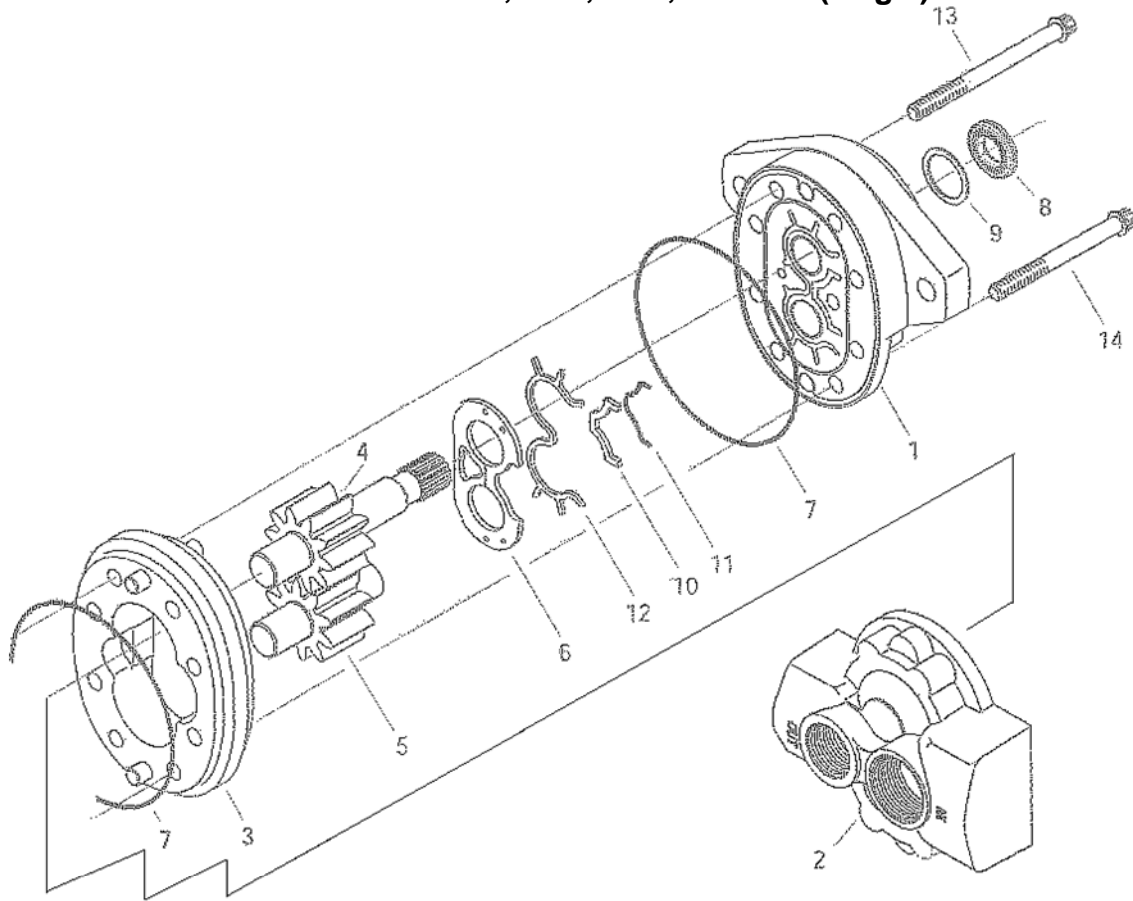
Fit Machine HK-3.5, HK4, HK5, HK-5LP DB-2, DB-2LP, DB-4 (22 gal)



1	HK-101624	Hydraulic Pump
2	HK-101970	Torque Arm
3	HK-101261	Chain (18 Link)
4	HW-204116G5Z	Bolt, 3/8-16NC x 2-1/2
5	HW-206108G5Z	Bolt, 7/16-14NC x 1-1/2
6	HW-208106G5Z	Bolt, 1/2-13NC x 1-1/4
7	HW-300204ZG5	Nut, 3/8-16NC
8	HW-300206ZG5	Nut, 7/16-14NC ZP
9	HW-325204Z	Washer, Flat, 3/8
10	HW-325206Z	Washer, Flat, 7/16
11	HW-335204Z	Washer, Lock, 3/8
12	HW-335206Z	Washer, Lock, 7/16
13	HW-335208Z	Washer, Lock, 1/2
	HK-101639	Pump and Torque Arm Kit (Items 1 – 13)

Pump

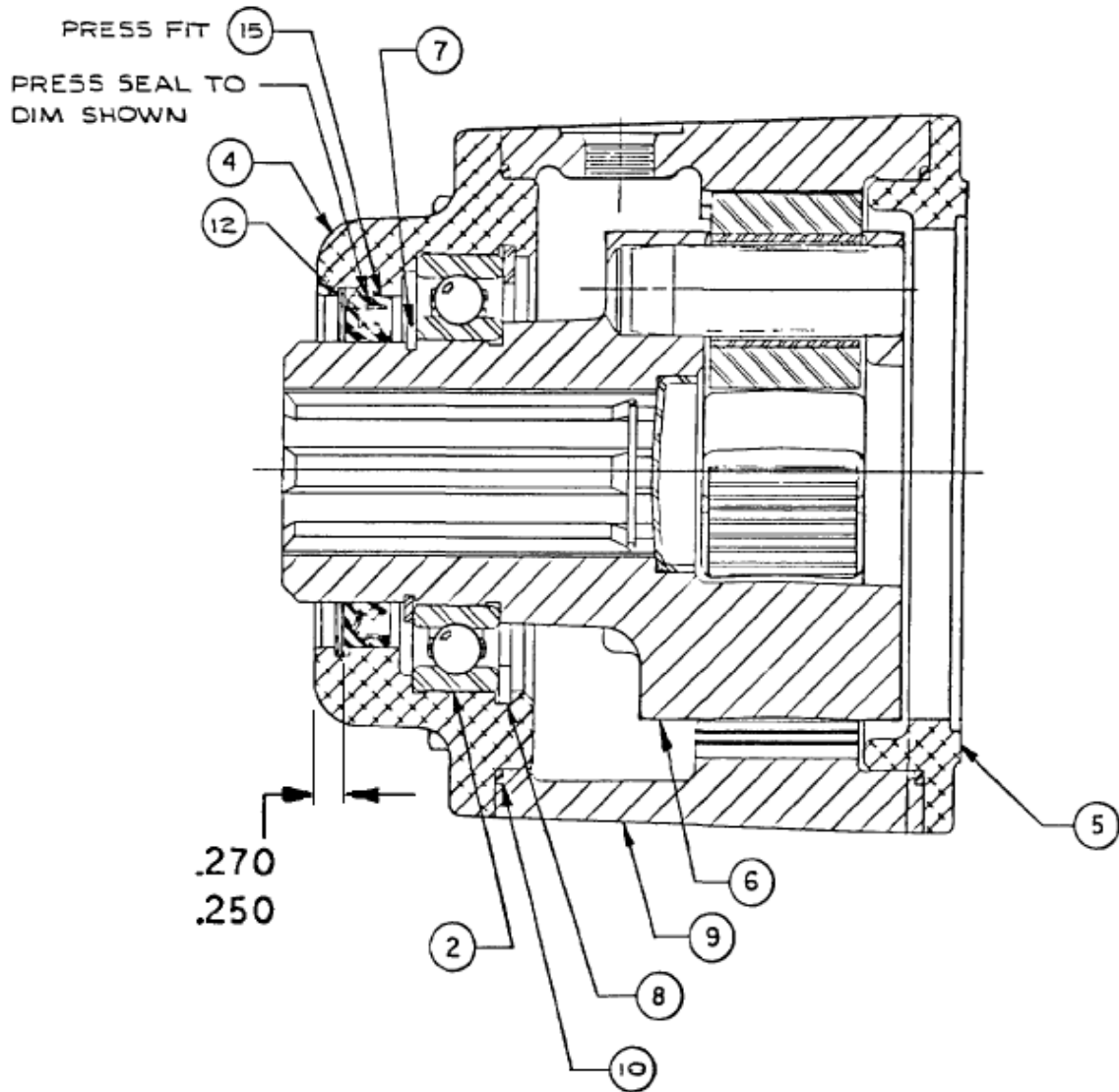
Fit Machine HK-3.5, HK4, HK5, HK-5LP (22 gal)



1		Front Plate
2	25500-51	Back Plate
3		Body
4		Drive Gear (Spline Shaft)
5		Idle Gear
6		Wear Plate
7		O-Ring
8		Shaft Seal
9		Washer
10		Bearing Seal
11		Molded O-Ring
12		Back-Up Basket
13		Cap Screw
14		Cap Screw
	25500-901	Seal Kit (contains items 6, 7, 8, 9, 10, 11, and, 12)
	25504-LSH	Pump only (no gear box stepup)

Step Up Box

Fit Machine HK-3.5, HK4, HK5, HK-5LP (22 gal)

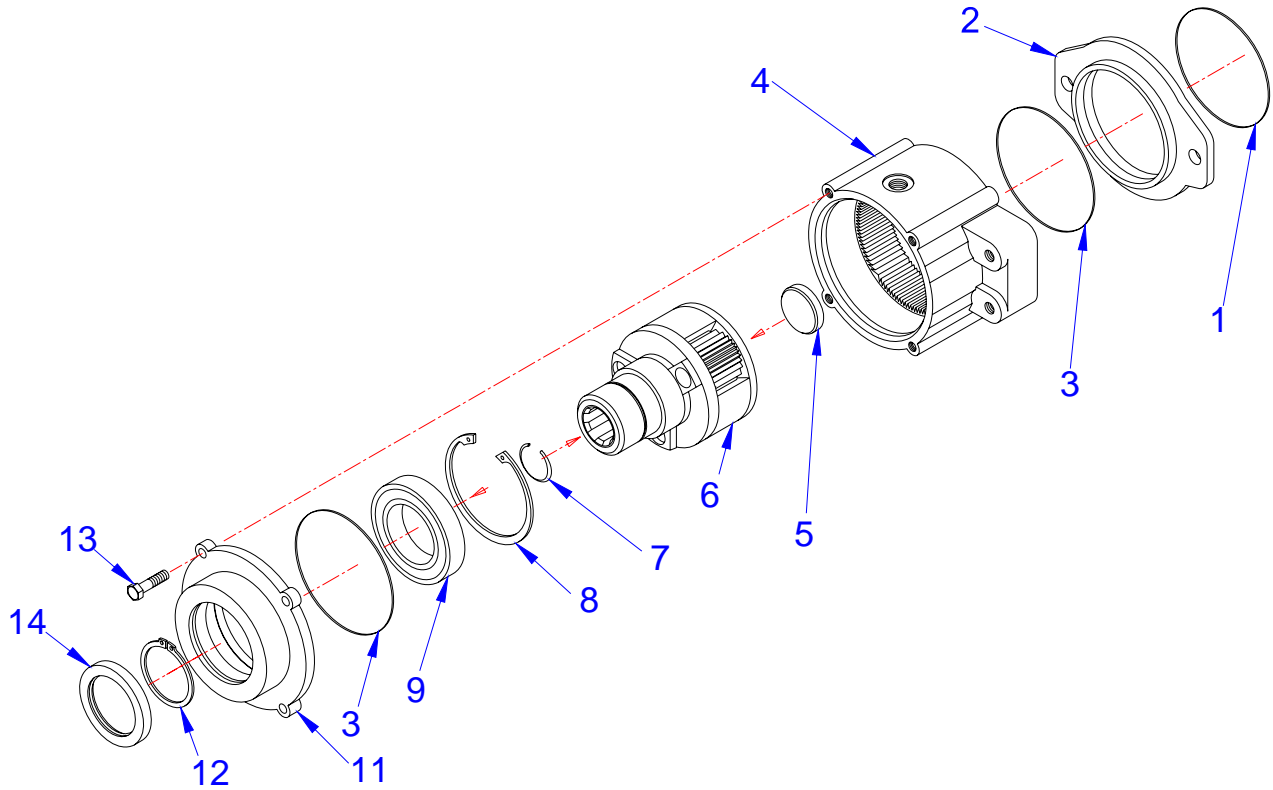


2	Carrier Bearing
4	Front Plate
5	Adapter Plate
6	Carrier Assembly
7	Retaining Ring
8	Retaining Ring
9	Housing
10	O-Ring
12	Retaining Ring
15	Shaft Seal

NOTE: SEE PAGE 139 FOR PARTS.

Step Up Box

Fit Machine HK-3.5, HK4, HK5, HK-5LP (22 gal)



ITEM	PART #	DESCRIPTION	QTY.
1	16015-55	O-RING	1
2	N/A	ADAPTER PLATE	1
3	16015-58	O-RING	2
4	N/A	HOUSING	1
5	77000-604	PLUG	1
6	N/A	CARRIER ASSEMBLY	1
7	16128-10	RETANING RING	1
8	SEE NOTE	RETAINING RING(NOT SOLD SEPARATELY)	1
9	WR-600621	CARRIER BEARING	1
10			
11	N/A	FRONT PLATE	1
12	16075-300	RETANING RING	1
13	N/A	CAP SCREW, 5/16 X 1 G5	1
14	16253-34	SHAFT SEAL	1

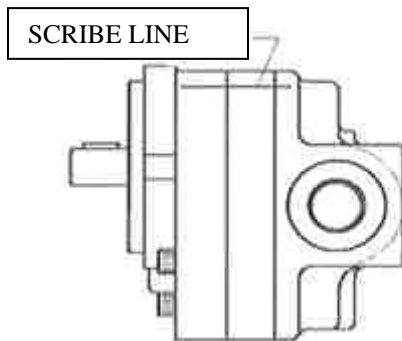
NOTE: COMPLETE PART #77000-900(ITEM 14,3,7,8,1,12)

CROSS PUMP SEAL REPLACEMENT INSTRUCTION



A. DISASSEMBLY:

1. Remove unit and thoroughly clean. Remove shaft key and any nocks or burrs on shaft.
2. Scribe line on outside of unit across front cover, body and rear cover to assure proper reassembly.



3. Lightly clamp rear cover (4) in vise, shaft up. **EXCESSIVE CLAMPING PRESSURE CAN CAUSE DISTORTION.**
 4. Remove cap screws (11) from front cover (6).
 5. Tap upward, underneath front cover flange and remove front cover. As unit separate, the body may remain with either the front or rear cover. Remove loose parts (ring ,plate, etc.)
 6. To separate body from rear cover, clamp body in vise and tap downward on shaft. Remove static seal (12) and loading seal (7) from grooves **DO NOT DAMAGE GROOVE OR COVER SURFACE.**
 7. Remove snap ring (9) from shaft seal cavity in front cover using internal snap ring pliers
 8. Clamp front cover in vise, seal down, and drive shaft seal out of cavity using screwdriver held at about a 45° angle. **USE CAUTION NOT TO DAMAGE CAVITY**
- Step 6 can be by-passed if only the shaft seal is being replace

B. PARTS INSPECTION:

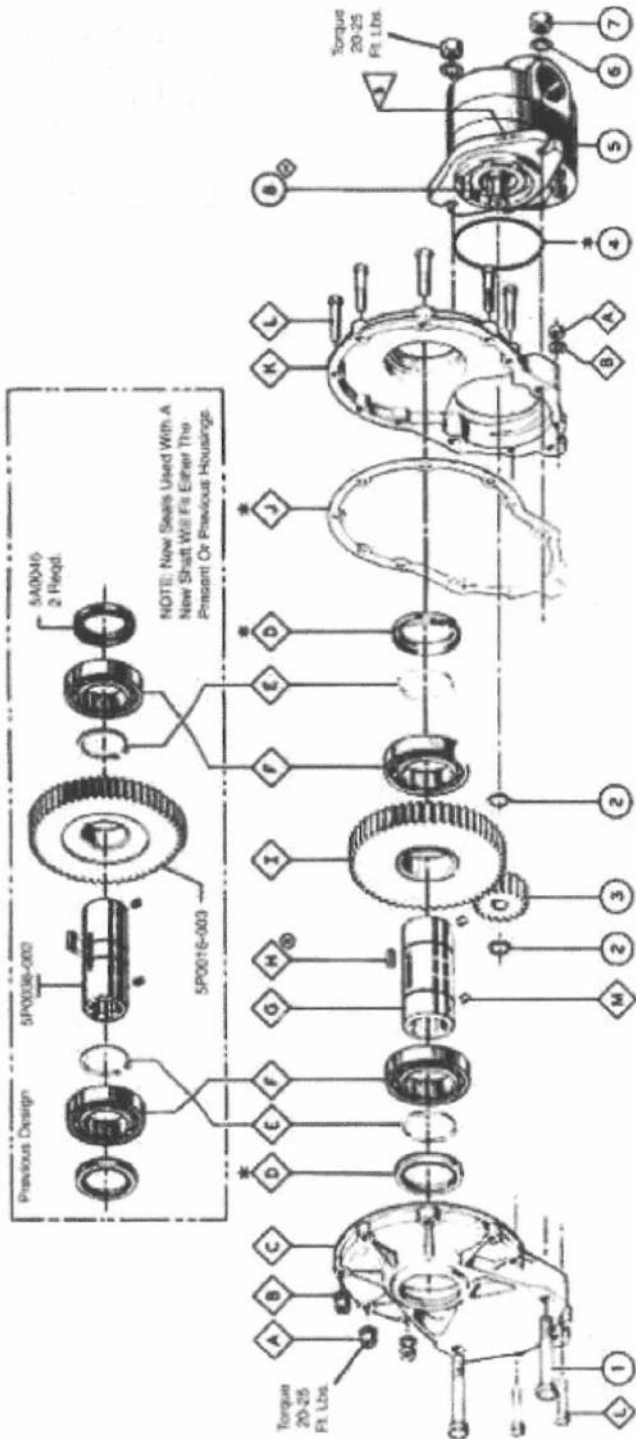
1. Thoroughly clean all parts in solvent and dry with compressed air
2. Inspect all parts for damage and unusual or excessive wear. If gears, bushings or body are damaged or badly wore, replace unit (only plates and seals are replaceable)

C. REASSEMBLY

- 1 Install new shaft seal (*) in front cover (6). Be sure bearing drain hole is not blocked.
- 2 Install snap ring (9) and new seals (7, 12) in covers (if needed).
- 3 Assemble body (10) and rear cover (4) aligning dowel pins (5) and scribed line.
- 4 Insert thrust plate (1) into body (10) flat side toward seal (7). Lubricate gears and insert.
- 5 Insert thrust plate (1) over shaft, flat side toward seal (7)
- 6 Lubricate shaft and slide front cover (6) over shaft and dowel pins (5). Tap if needed.
- 7 Insert cap screws (11) and tighten evenly to 35 / 40 ft. lbs.
- 8 Rotate shaft, the maximum torque is 20 ft. lbs. if greater torque is required, disassemble unit, re-clean and reassemble.

NOTE: SEAL Kit # 5P0017-006 INCLUDE ITEMS 1, 7, 12, *,

CROSS PUMP GEAR BOX



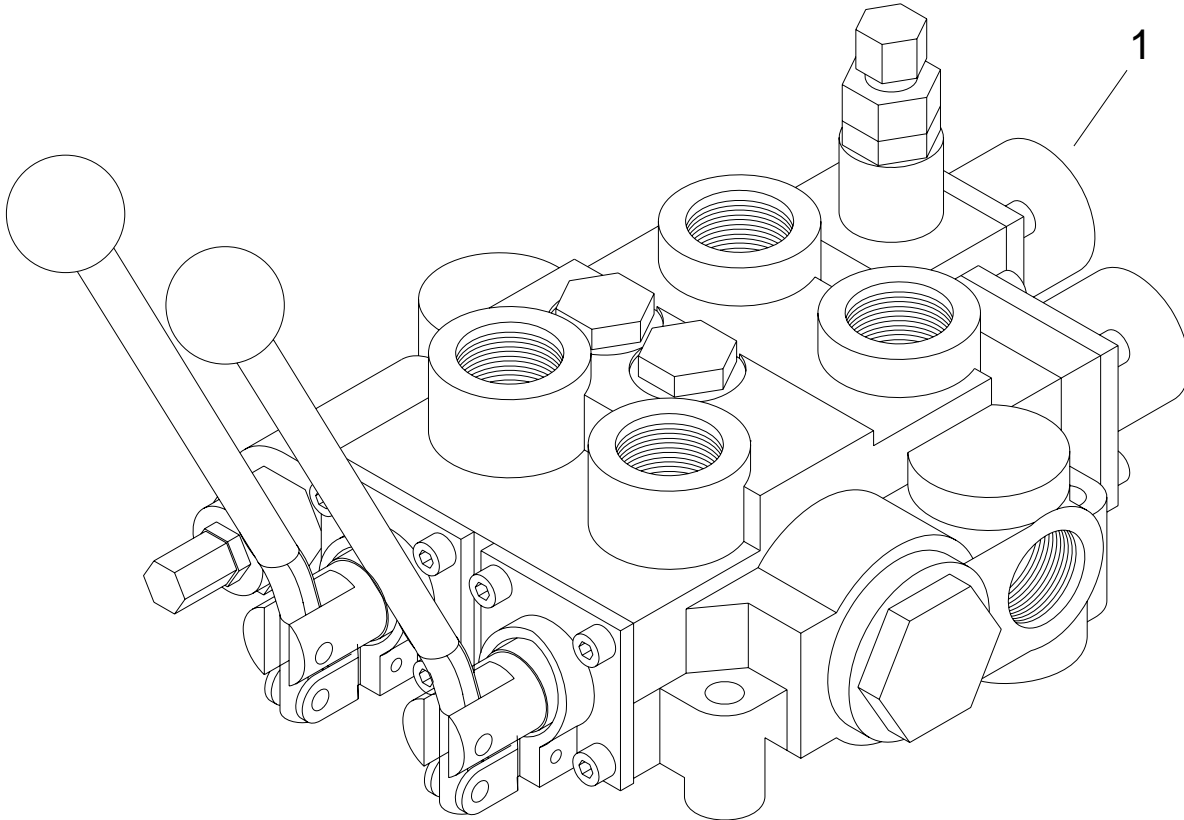
CROSS PUMP & GEAR BOX PARTS LIST

REF.	PART NUMBER	DESCRIPTION	QTY.
	5P0018-019	PTO Gear Box Assy. Consists of the following Parts: A-M & Seal Kits	
	5P0017-006	Seal Kit - Pump	
	5P0017-016	Seal Kit – Gear Box (* Items Included)	
1	N/A	Cap Screw 1/2-13NC x 4	2
2	N/A	Retaining Ring- External	2
3	N/A	Increaser Gear	1
4*	2A0283-7045	O-Ring	1
5	N/A	Pump	1
6	N/A	Lock Washer	2
7	N/A	Nut 1/2" 13NC	2
8	N/A	Straight Key	1
A	N/A	Nut	9
B	N/A	Lock Washer	9
C	N/A	Increaser Housing Machining-Front	1
D*	5A0104	Shaft Seal	2
E	N/A	Retaining Ring-External (Same As 5A0085)	2
F	N/A	Ball Bearing 2	2
G	N/A	PTO Increaser Shaft	1
H	N/A	Straight Key	1
I	N/A	PTO Increaser Gear	1
J*	5A0076	Increaser Housing Gasket	1
K	N/A	Increaser Housing Machining - Rear	1
L	N/A	Cap screw	9
M	N/A	Set Screw	2

Prince Double Spool Control Valve

UP TO SERIAL # 8731

Fit Machine DB-1, DB-2, DB-2LP, DB-4



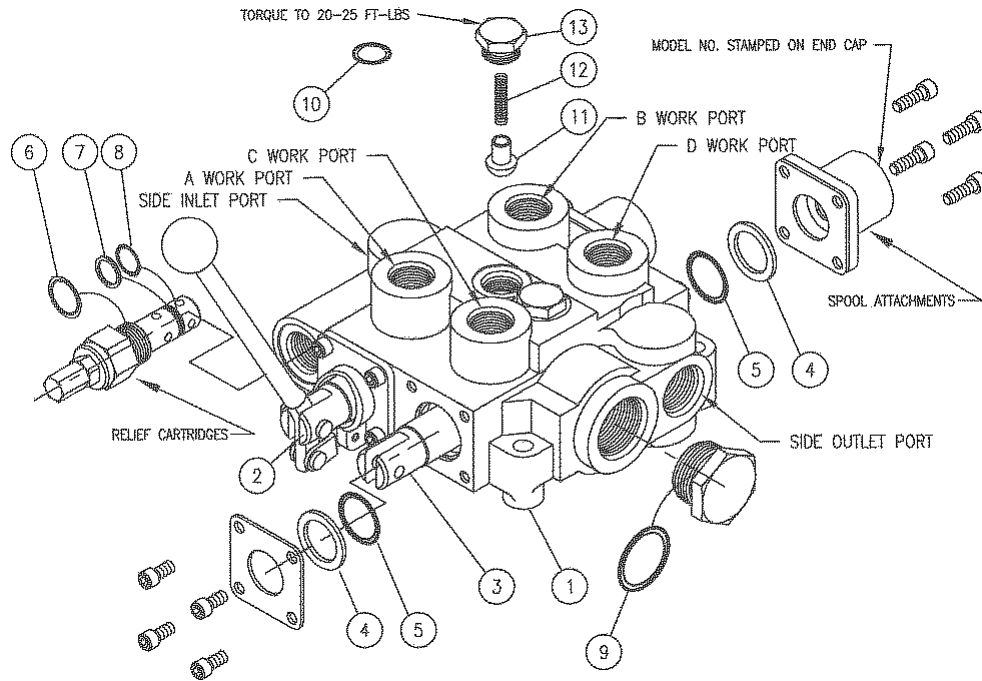
ITEM	PART #	DESCRIPTION
1	DB-400040	Double Spool Control Valve

Prince Double Spool Control Valve

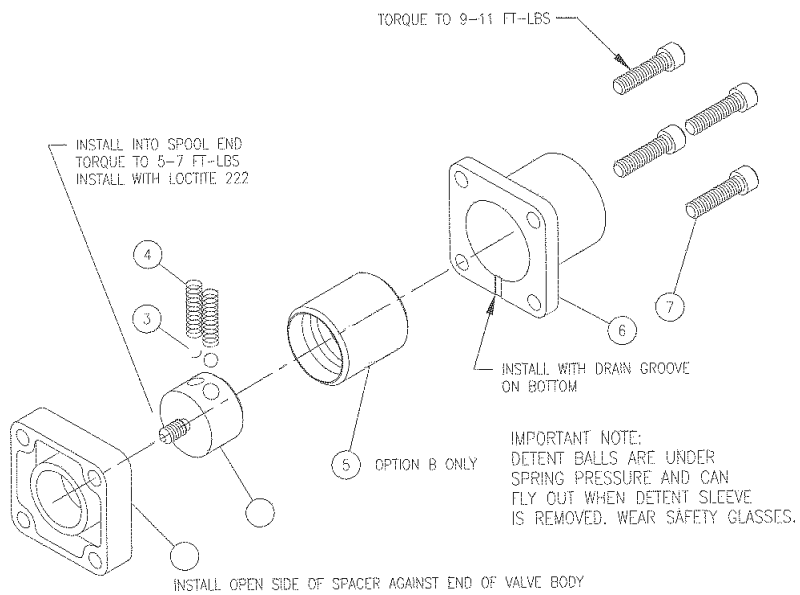
UP TO SERIAL# 8731

Fit Machine DB-1, DB-2, DB-2LP, DB-4

Spool Valve Block



3 Position Detent Spool Attachment



Prince Double Spool Control Valve

UP TO SERIAL # 8731
Fit Machine DB-1, DB-2, DB-2LP, DB-4

Spool Valve Block

ITEM	PART #	DESCRIPTION	QTY.
1		2 Spool Valve Body (Not Sold Separately)	1
2		First Spool (Not Sold Separately)	1
3		Second Spool (Not Sold Separately)	1
4	670500010	Spool Seal Back-Up	4
5	See Note 1	213 O-Ring (Not Sold Separately)	4
6	See Note 1	116 O-Ring (Not Sold Separately)	1
7	See Note 1	015 Back-Up (Not Sold Separately)	1
8	See Note 1	015 O-Ring (Not Sold Separately)	1
9	See Note 1	916 O-Ring (Not Sold Separately)	1
10	See Note 1	908 O-Ring (Not Sold Separately)	2
11	See Note 1 and 2	Load Check Poppet (Not Sold Separately)	2
12	See Note 2	Load Check Spring (Not Sold Separately)	2
13	See Note 2	Load Check Plug (Not Sold Separately)	2

NOTES:

1. Items 5, 6, 7, 8, 9, 10, and 11 in Seal Kit # 660553001 (Plus Others)
2. Items 11, 12, and 13 in Load Check Kit # 660150015 (2 Required Per Valve)

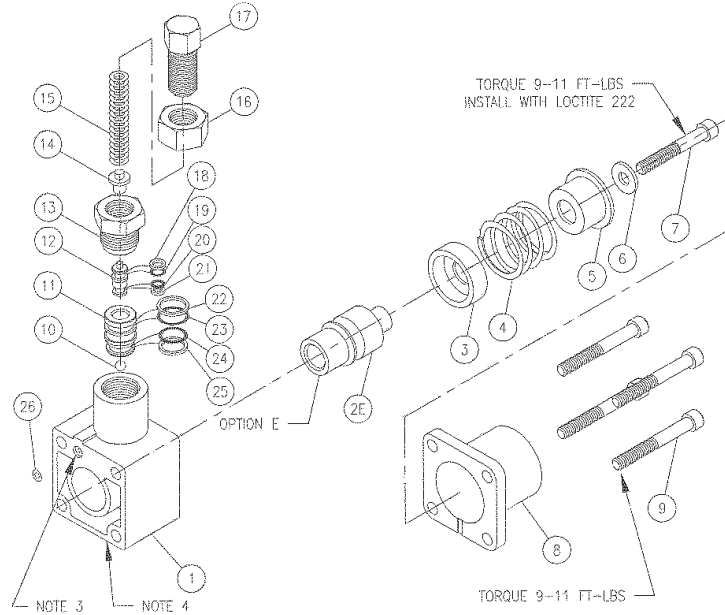
3 Position Detent Spool Attachment

ITEM	PART #	DESCRIPTION	QTY.
	660150002	3 Position Detent Kit	1
7	170003018	Socket HD Cap Screw	4

Prince Double Spool Control Valve

UP TO SERIAL # 8731

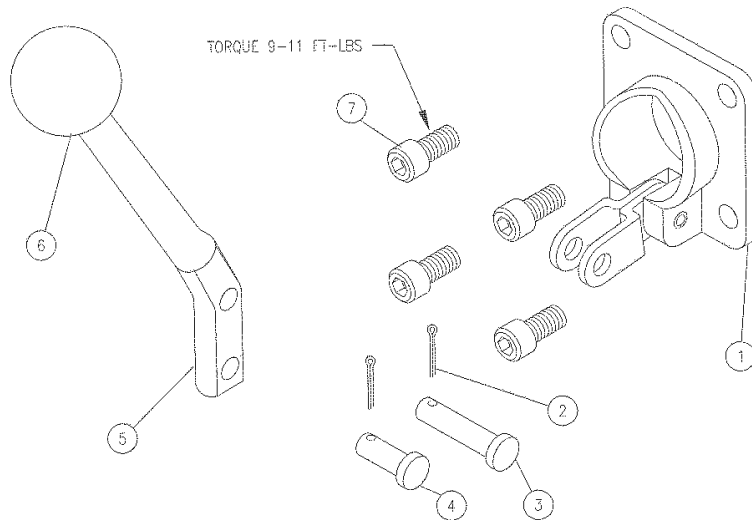
Fit Machine DB-1, DB-2, DB-2LP, DB-4
Pressure Release detent out



NOTE:

1. To adjust Detent Release Pressure Loosen Jam Nut Item 16 and Turn Adjusting Screw Item 17 Clockwise To Increase release Pressure or Counterclockwise to Decrease, Detent Pressure is Adjustable From 900 to 2000 PSI.
3. This Hole Must Line up With The Pressure Hole In The End of the Valve.

Handle Kit



Prince Double Spool Control Valve

UP TO SERIAL # 8731

Fit Machine DB-1, DB-2, DB-2LP, DB-4

Pressure Release detent out

1	624890001	Detent Body	1
2	670700004	Spool Sleeve	1
3	671400001	Stop Cup (inner)	1
4	670300001	Spring	2
5	671400011	Stop Cup (outer)	1
6	670500004	Washer	1
7	170003019	Cap Screw	1
8	670500005	End Cap	1
9	170003019	Cap Screw	4
10**	230009009	Steel Ball	1
11**	671100012	Piston Sleeve	1
12**	671100011	Piston	1
13**	671600052*	Retainer Plug	1
14**	671100016*	Spring Adapter	1
15**	670300033*	Spring	1
16**	671800013*	Jam Nut	1
17**	671900016*	Adjustment Screw	1
18**	240019008	008 Back-Up Washer	1
19**	240016068	O-Ring	1
20**	240016067	O-Ring	1
21**	240019007	007 Back-Up Washer	1
22**	240019014	014 Back-Up Washer	1
23**	240000014	014 O-Ring	1
24**	240000013	013 O-Ring	1
25**	240019013	013 Back-Up Washer	1
26	240000006	006 O-Ring	
	660250002	Relief Cartridge	1

- Adjusting Cartridge #660330002

** Detent Repair Kit # 660130007

Complete Kit # 660150048 Include Item 1-26

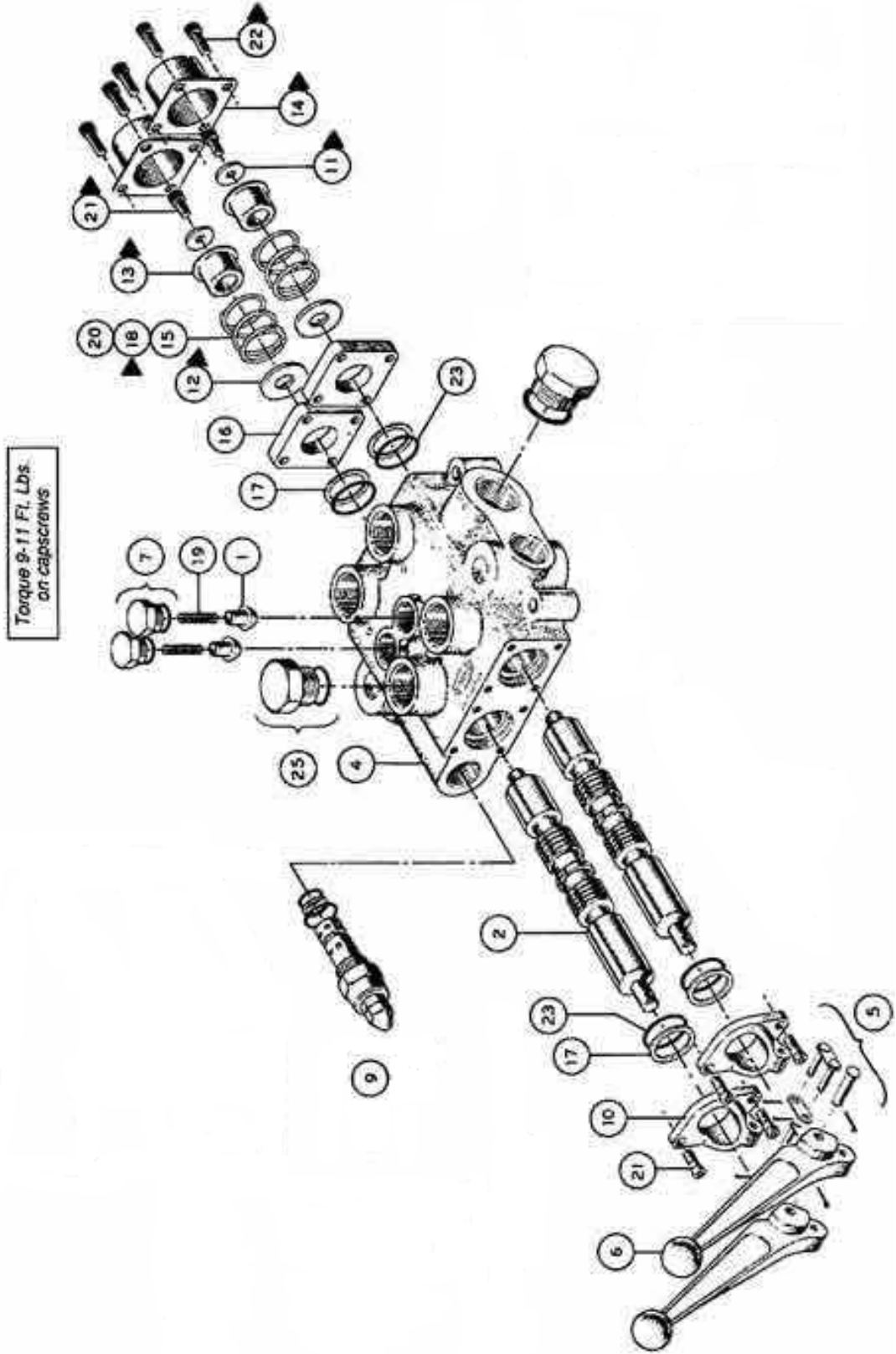
Handle Kit

1	660350001	Clevis sub-assembly	1
2	See Note 1	Cotter Pin (Not Sold Separately)	2
3	See Note 1	Clevis Pin (Not Sold Separately)	1
4	See Note 1	Clevis Pin (Not Sold Separately)	1
5	See Note 1	Handle (Not Sold Separately)	1
6	See Note 1	Knob (Not Sold Separately)	1
7		Cap Screw (Not Sold Separately)	1

Note: 1 Items 2, 3, 4, 5, and 6 in Handle Kit # 660150004

CROSS DOUBLE SPOOL VALVE

SERIAL #8731 AND UP



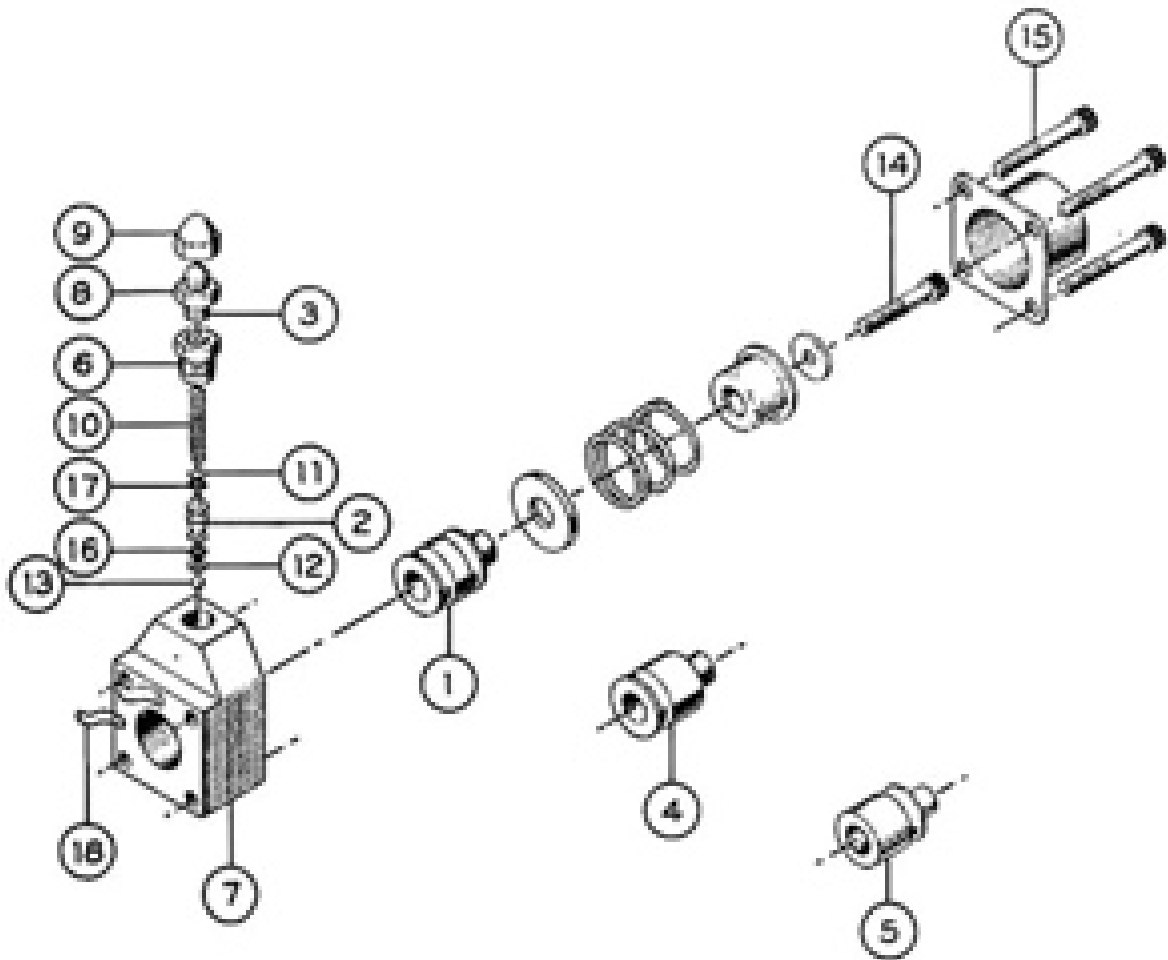
CROSS DOUBLE SPOOL VALVE

SERIAL # 8731 AND UP

Item	Part #	Description
1		Load Check Popper (Not Sold Separately)
2		4-Way Spool (Not Sold Separately)
4		Valve Housing (Not Sold Separately)
5	1V1701	Pin Kit
6	1V1703	Handle
7		Load Check Plug (Not Sold Separately)
9	1R0017	Relief Assembly (1500-3000)
10		Handle Bracket (Not Sold Separately)
11		Centering Spring Washer (Not Sold Separately)
12		Stop Washer (Not Sold Separately)
13		Stop Collar (Not Sold Separately)
14		End Cap (Not Sold Separately)
15	NOT USED	
16		End Spacer (Not Sold Separately)
17	1A0711	O-Ring Spool Washer
18	NOT USED	
19		Load Check Spring (Not Sold Separately)
20	NOT USED	
21		Cap Screw (Not Sold Separately)
22		Cap Screw (Not Sold Separately)
23	2A0283-7214	Spool Seal
25		SAE Plug (Top Inlet or Outlet Only) (Not Sold Separately)
	2V0009	Seal Kit

CROSS DETENT VALVE

SERIAL # 8731 AND UP



* CONTAINED IN KIT NO. 1V0642. DETENT SLEEVE (1) (4) OR (5) & CAPSCREWS (14) & (15) MUST BE ORDERED SEPARATELY.

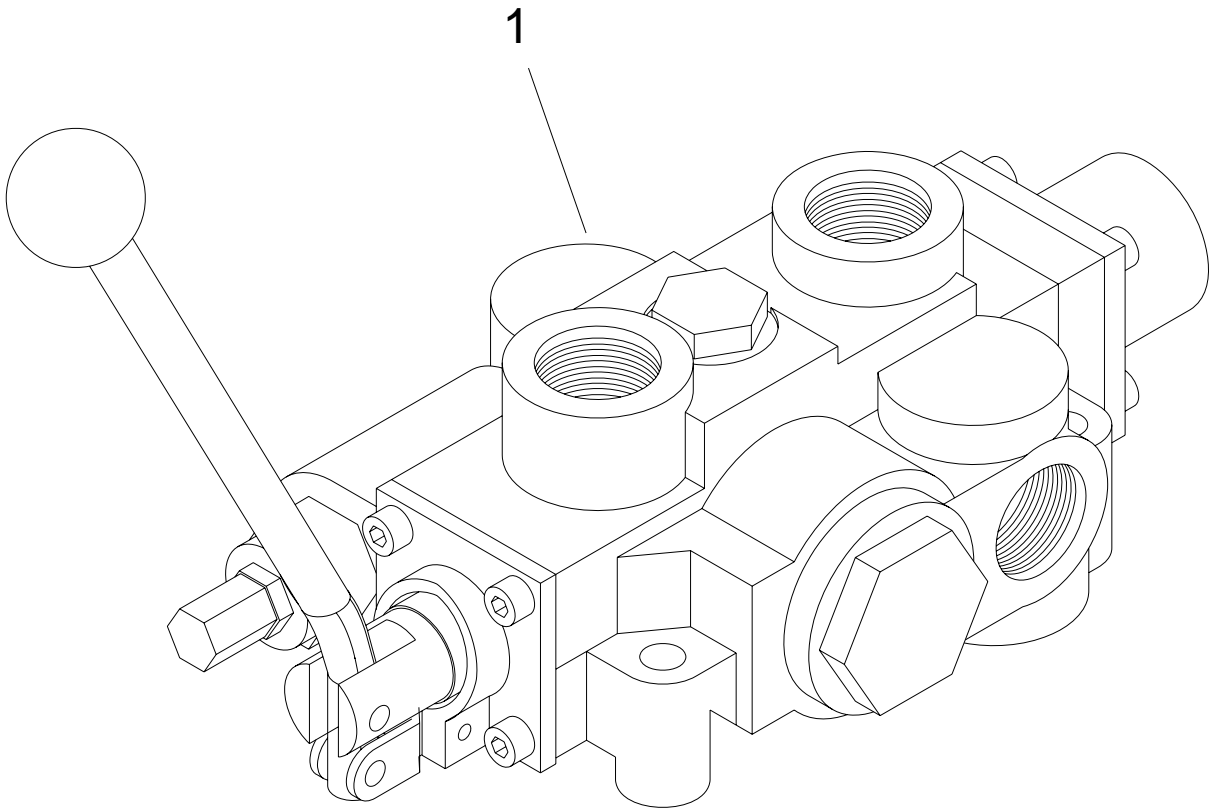
PRESSURE DETENT KIT # 1V0642
Include Items 2,3,6,7,8,9,10,11,12,13,16,17,18

NOTE:

1. To Adjust Detent Release Pressure, Remove the Acorn Nut Item 9, Loosen Jam Nut Item 8 and Turn Adjusting Screw Item 3 Clockwise To Increase release Pressure or Counterclockwise to Decrease.

Prince Single Spool Control Valve **# HK-101515**

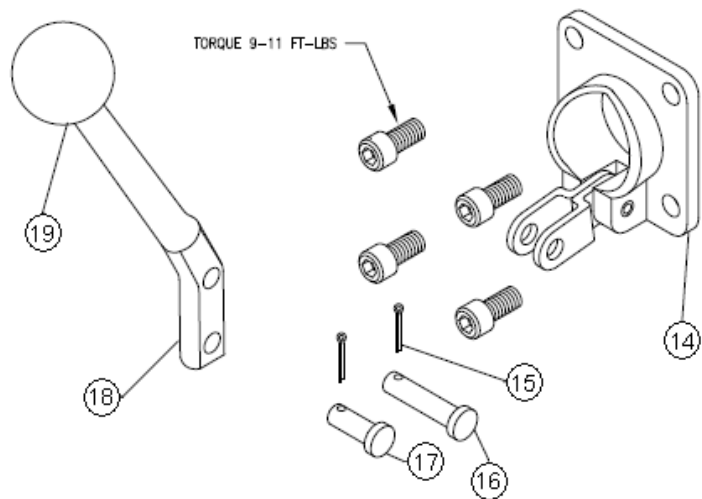
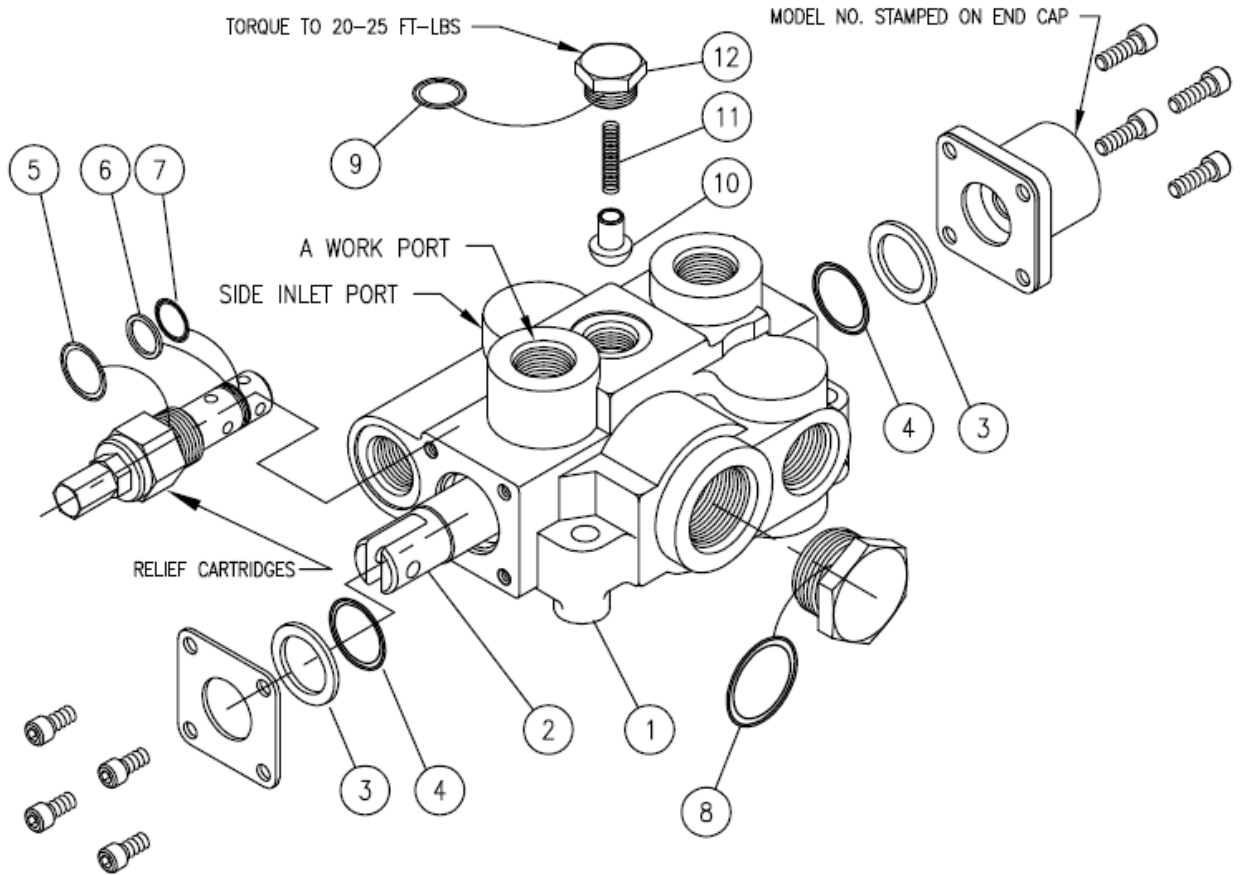
Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP



ITEM	PART #	DESCRIPTION
1	HK-101515	Single Spool Control Valve

Prince Single Spool Control Valve # HK-101515

Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP



Prince Single Spool Control Valve

HK-101515

Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP

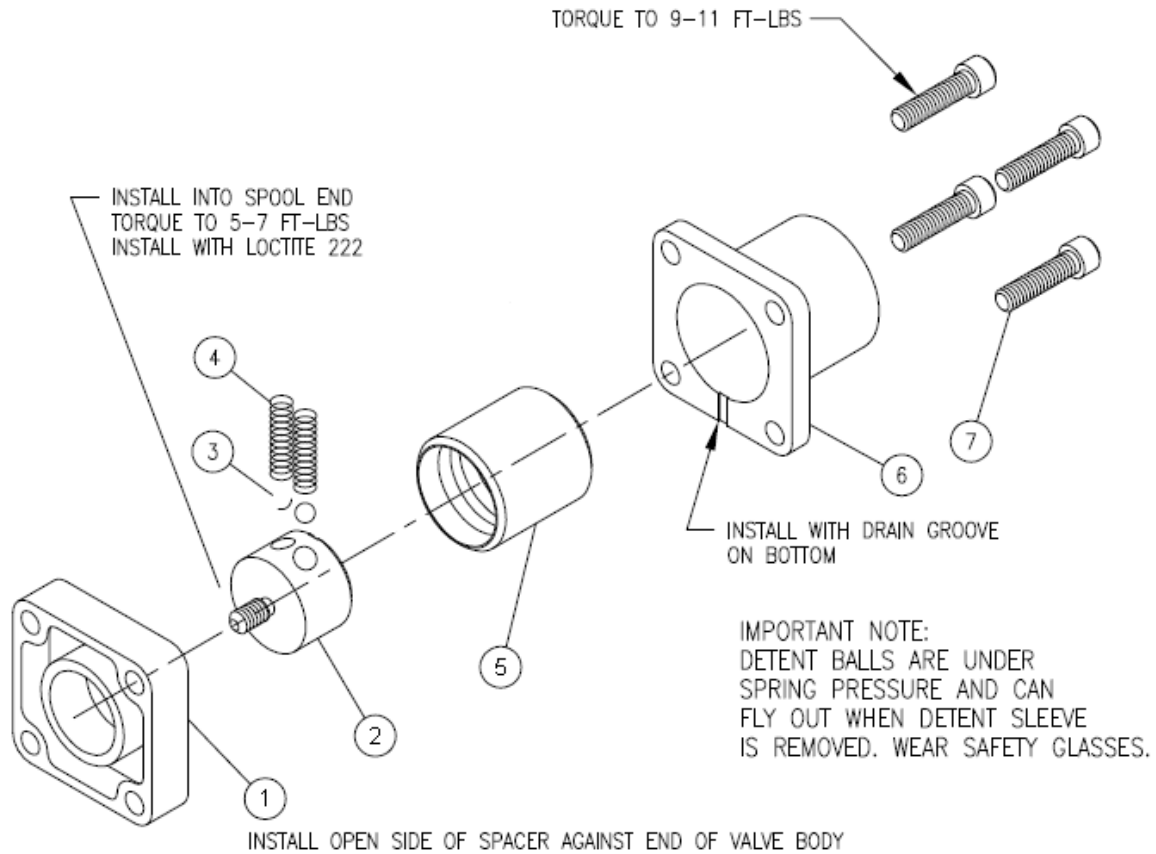
Item	Part #	Description	Qty
1	See Note 1	Spool Valve Body	1
2	See Note 1	Spool	1
3	670500010	Spool Seal Back-Up	2
4	See Note 2	213 O-Ring (Not Sold Separately)	2
5	See Note 2	116 O-Ring (Not Sold Separately)	1
6	See Note 2	015 Back-Up (Not Sold Separately)	1
7	See Note 2	015 O-Ring (Not Sold Separately)	1
8	See Note 2	916 O-Ring (Not Sold Separately)	1
9	See Note 2 and 3	908 O-Ring (Not Sold Separately)	1
10	See Note 3	Load Check Poppet (Not Sold Separately)	1
11	See Note 3	Load Check Spring (Not Sold Separately)	1
12	See Note 3	Load Check Plug (Not Sold Separately)	1
	660250002	Relief Cartridge	1
14	660350001	Clevis Sub-Assembly	1
15	See Note 4	Cotter Pin (Not Sold Separately)	2
16	See Note 4	Clevis Pin (Not Sold Separately)	1
17	See Note 4	Clevis Pin (Not Sold Separately)	1
18	See Note 4	Handle (Not Sold Separately)	1
19	See Note 4	Knob (Not Sold Separately)	1

NOTES:

1. Items 1 and 2, these are Matched parts and are not sold separately.
2. Items 4, 5, 6, 7, 8, and 9, included in Seal Kit # 660551001 (plus others)
3. Items 9, 10, 11, and 12 included in Load Check Kit # 66015001
4. Item 15,16,17,18, and 19 included in Handle Kit # 660150004

Prince Single Spool Control Valve # HK-101515

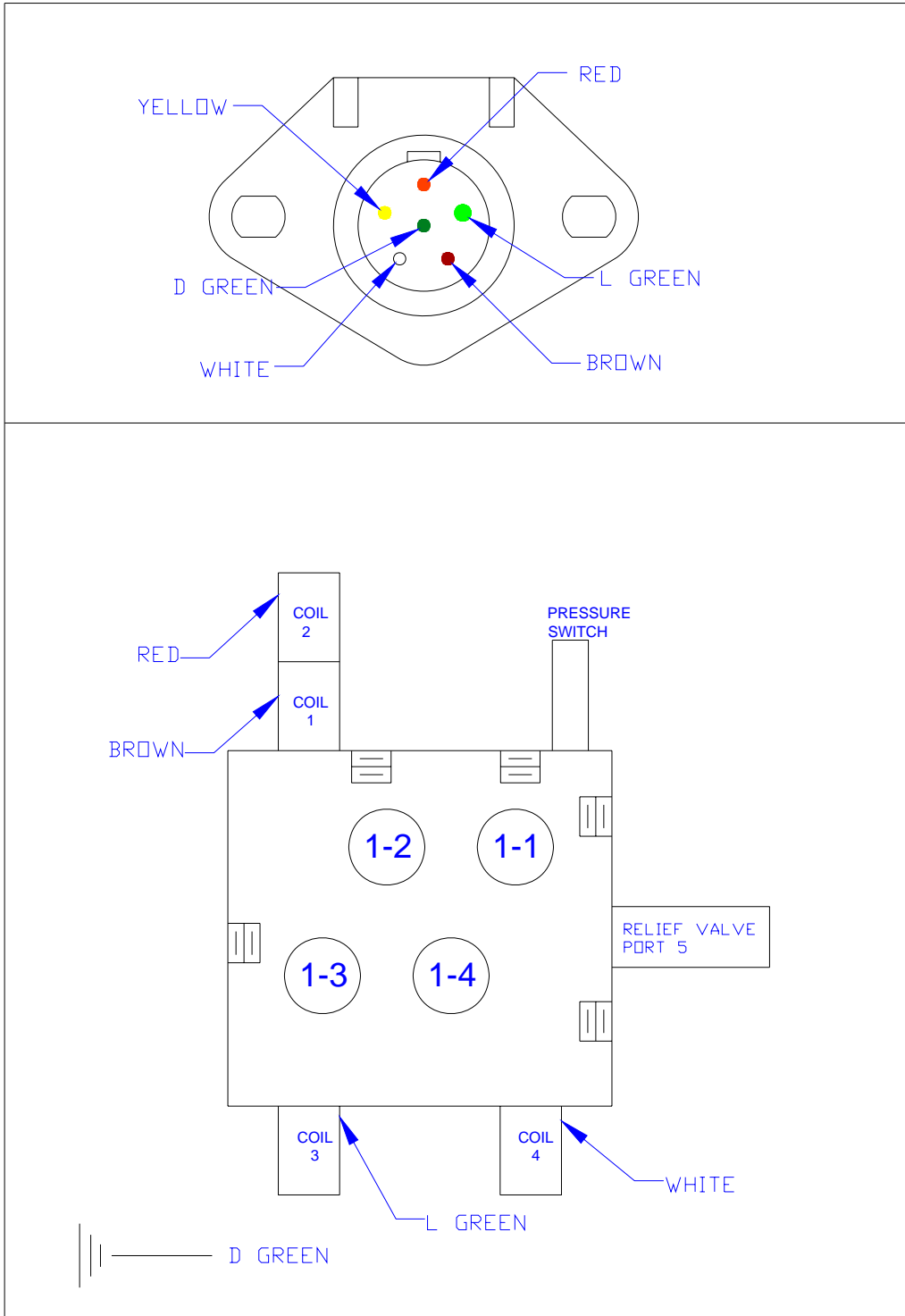
Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP
3 Position Detent Spool Attachment



Item	Description
1	Detent Spacer
2	Detent Adapter
3	Steel Ball
4	Spring
5	Detent Sleeve
6	End Cap
7	Socket HD. Cap Screw
<u>3 POSITION DENT KIT # 660150002</u>	

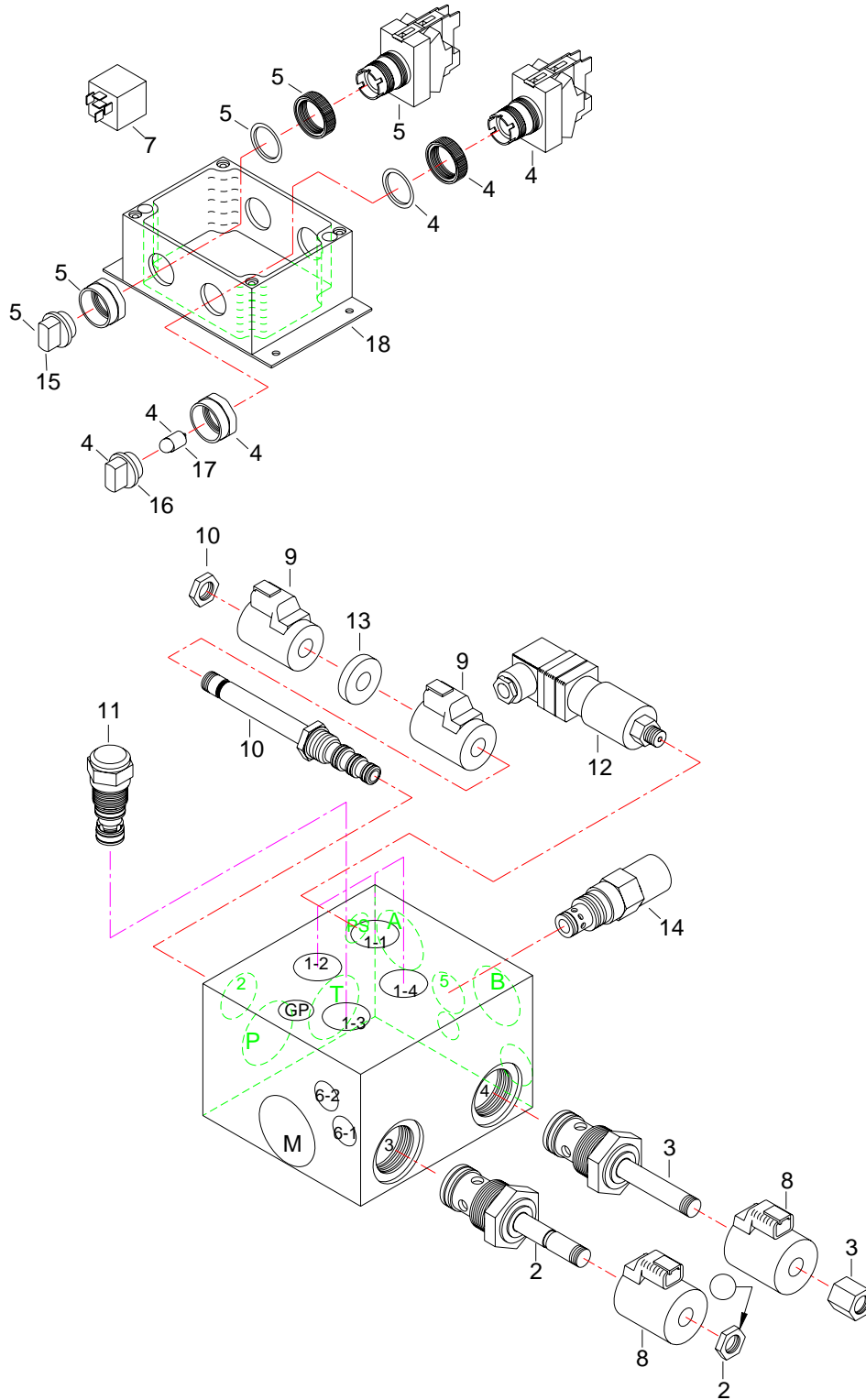
EATON DOUBLE ELECTRICAL PLUG DIAGRAM

FIT MACHINE DB-1, DB-2, DB-2LP, AND DB-4



EATON DOUBLE ELECTRIC CONTROL VALVE

FIT MACHINE DB-1, DB-2, DB-2LP, AND DB-4



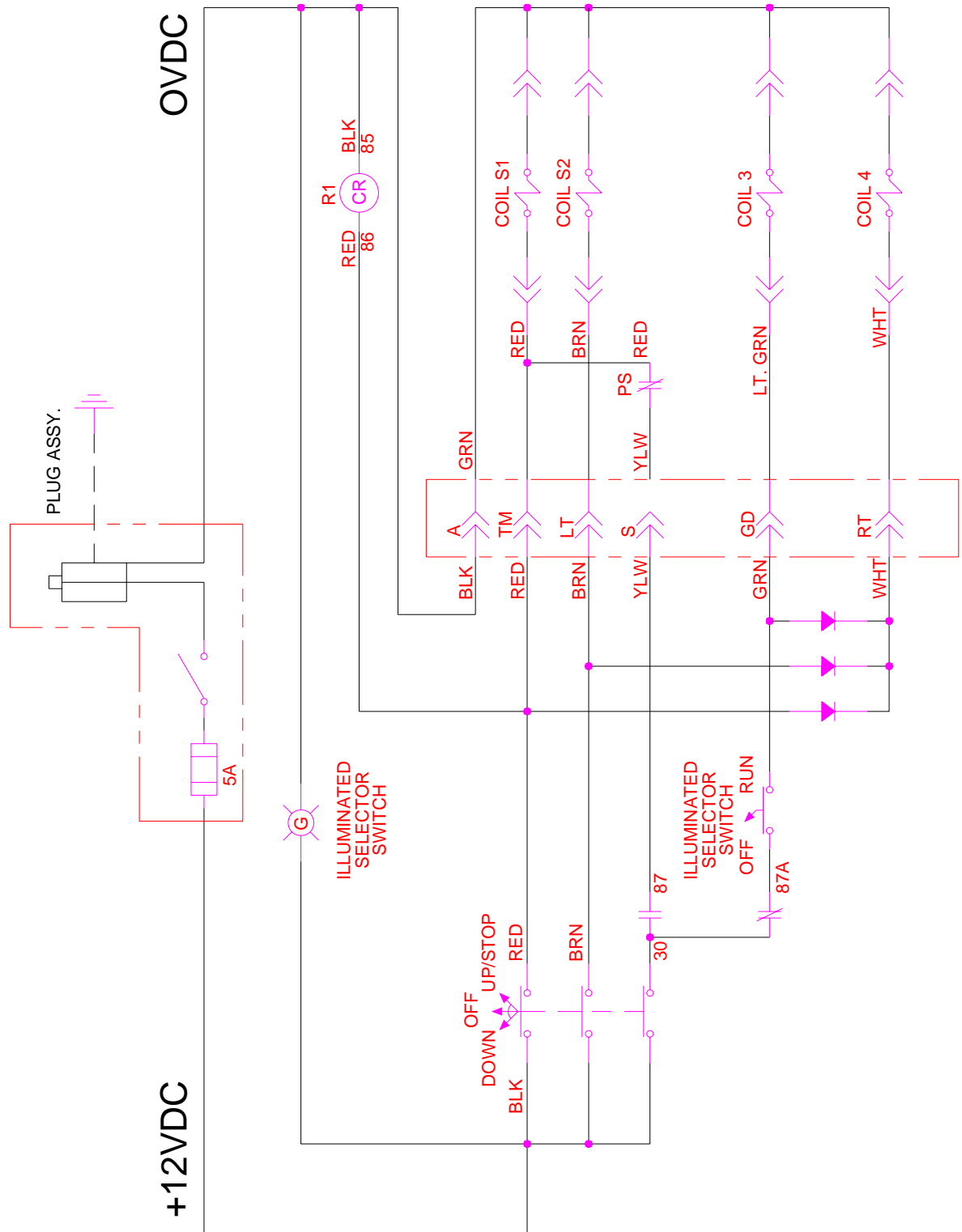
EATON DOUBLE ELECTRIC CONTROL VALVE

FIT MACHINE DB-1, DB-2, DB-2LP, AND DB-4

1	DB-400142	Electric Control Valve
2	DB-400164	Solenoid Valve
3	DB-400163	Solenoid Valve
4	DB-400148	2 Pos. Illuminated Selector Switch
5	DB-400149	3 Pos. Selector Switch
7	DB-400151	Relay
8	DB-4001161	12VDC Coil w/Connector
9	DB-400160	12VDC Coil w/Connector
10	DB-400159	Solenoid Valve
11	DB-400158	Diff. Press Sense Valve
12	DB-400157	Pressure switch (Nason #XM-6B-2000R/HR)
13	DB-400156	Spacer
14	DB-400155	Relief Valve
15	DB-400150	Black Knob
16	HK-101811	Green Knob
17	HK-101813	Bulb
18	DB-400307	Double Spool Control Box Complete with Trailer Connector
18	DB-400312	Double Spool Control Box Complete with Deutch Connector (serial # 7558 and up)

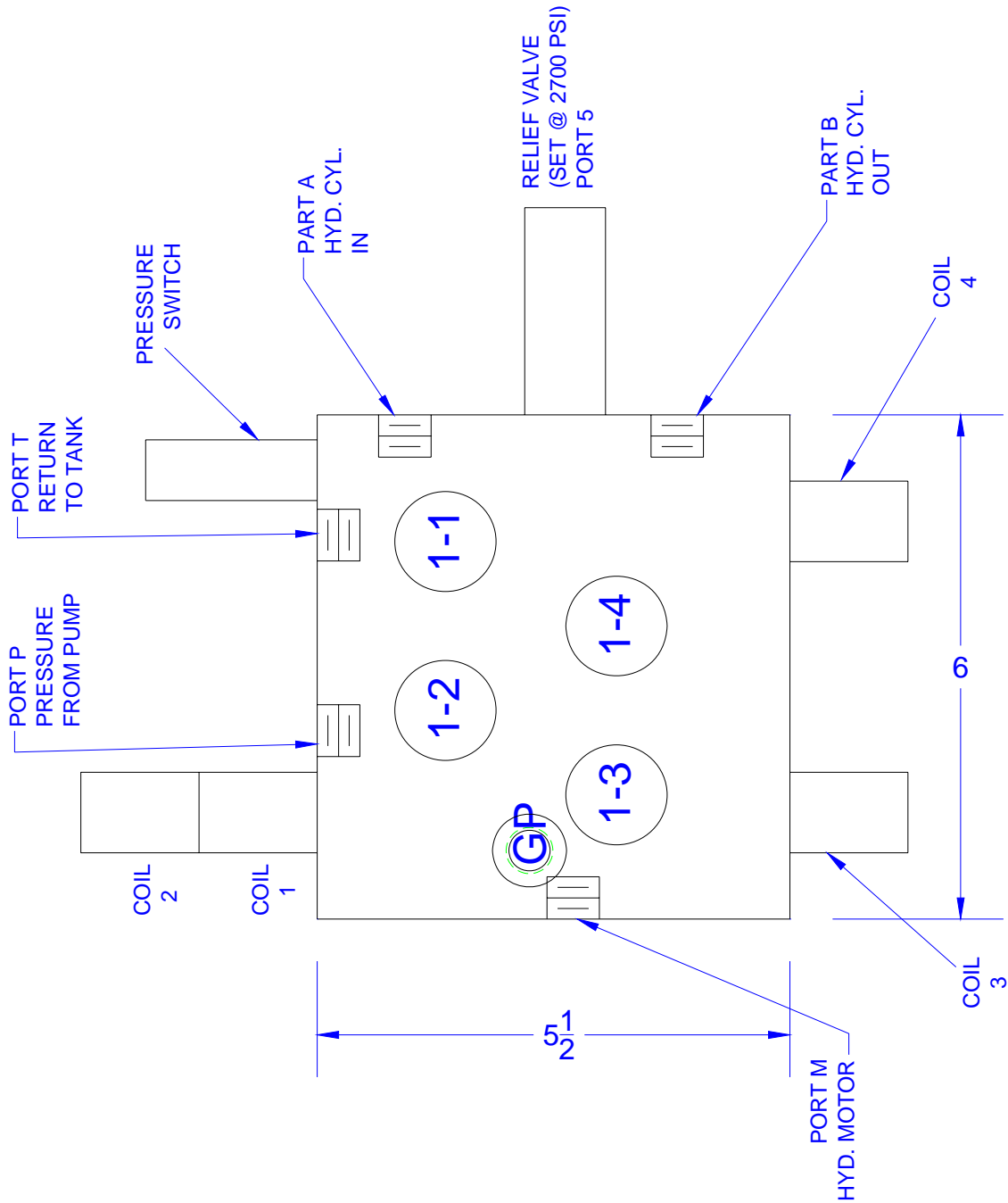
EATON DOUBLE ELECTRICAL SCHEMATIC

FIT MACHINE DB-1, DB-2, DB-2LP, AND DB-4



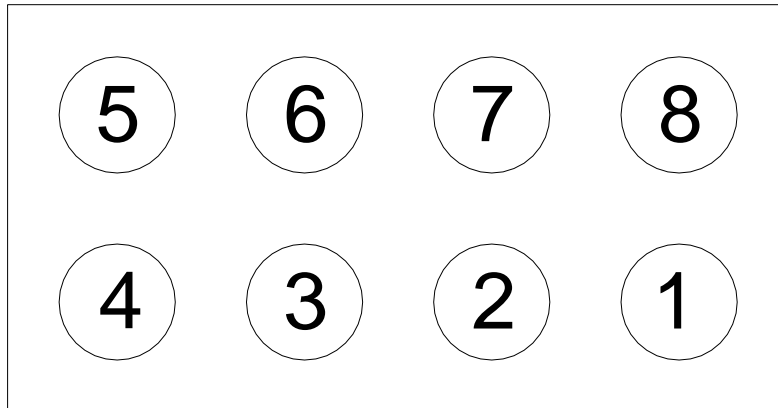
EATON DOUBLE CONTROL VALVE PORT CONNECTIONS

FIT MACHINE DB-1, DB-2, DB-2LP, AND DB-4



DEUTCH CONNECTOR GUIDE
SERIAL # 7558 AND UP

DUMP BODY



1 - RED

5 - BLANK

2 - BROWN

6 - BLANK

3 - GREEN

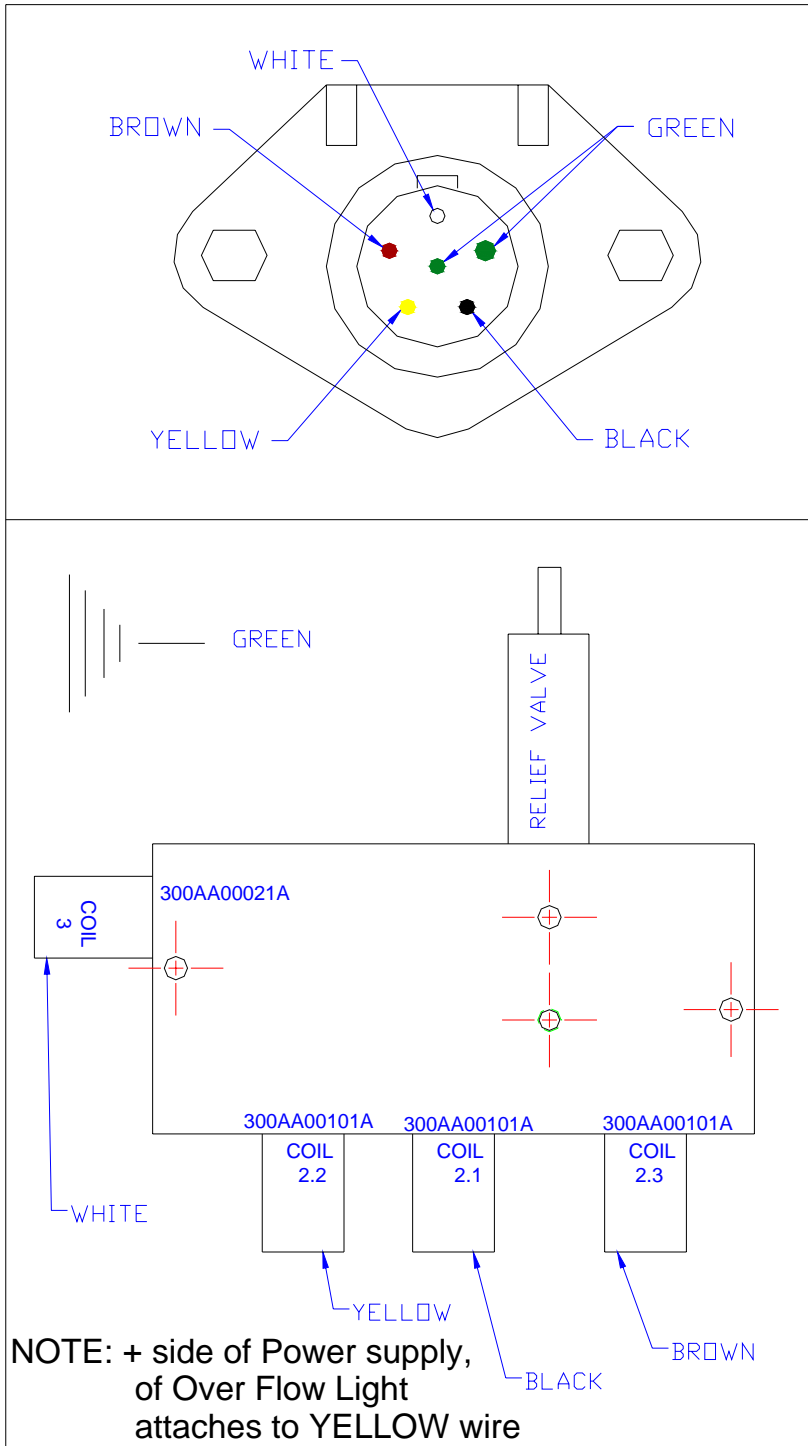
7 - BLACK

4 - WHITE

8 - YELLOW

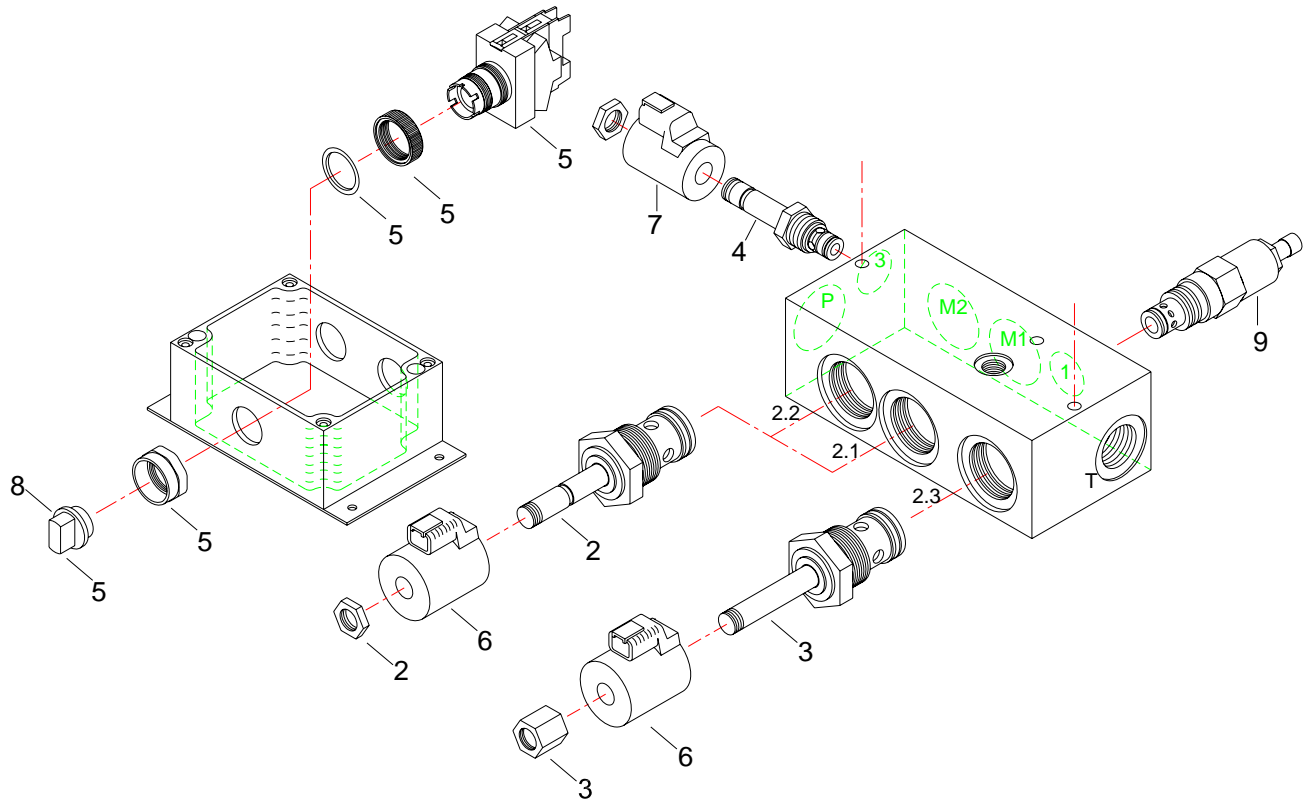
EATON SINGLE ELECTRICAL PLUG DIAGRAM

FIT MACHINE HK-3.5, HK-4, HK-5 AND HK-5LP



EATON SINGLE ELECTRIC CONTROL VALVE

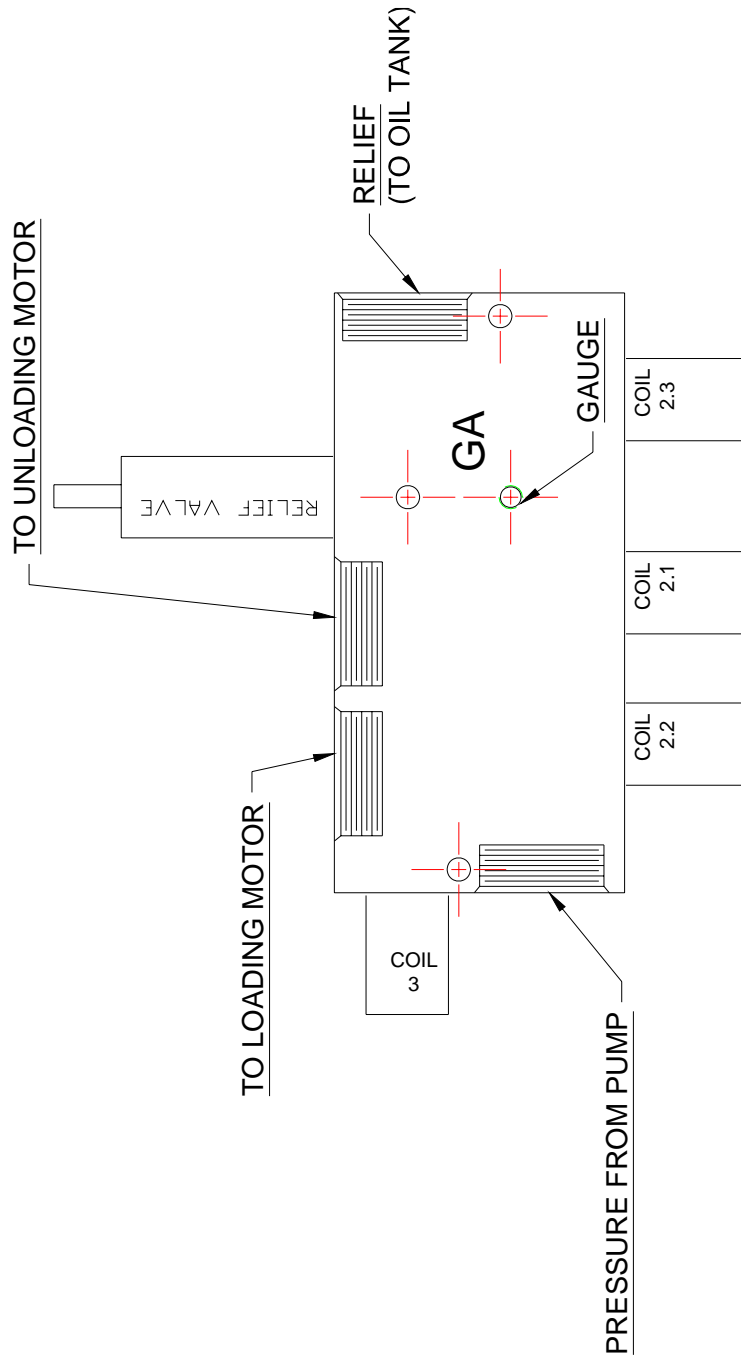
FIT MACHINE HK-3.5, HK-4, HK-5 AND HK-5LP



ITEM	PART #	DESCRIPTION
2	DB-400164	SOLENOID VALVE
3	DB-400163	SOLENOID VALVE
4		SOLENOID VALVE
5	HK-101810	3 POS. ILLUM. SELECTOR SWITCH
6	DB-400161	12 VDC W/CONNECTOR
7	DB-400160	12 VDC W/CONNECTOR
8	HK-101811	GREEN KNOB
9	DB-400155	RELIEF VALVE

EATON SINGLE CONTROL VALVE PORT CONNECTIONS

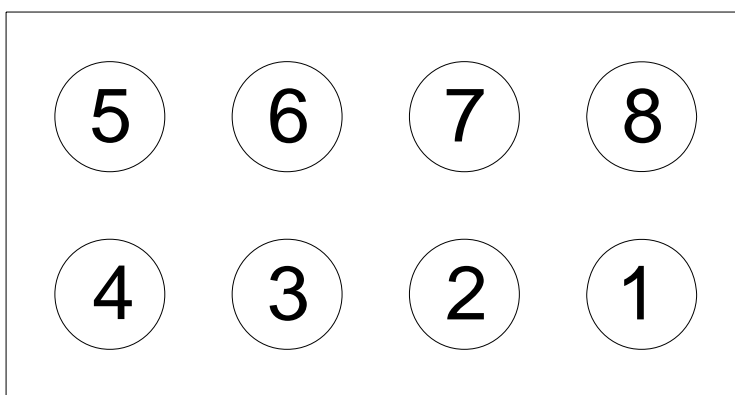
FIT MACHINE HK-3.5, HK-4, HK-5 AND HK-5LP



DEUTCH CONNECTOR GUIDE

SERIAL # 7558 AND UP

HOUSE KEEPER



1 - RED

5 - BLANK

2 - BROWN

6 - BLANK

3 - GREEN

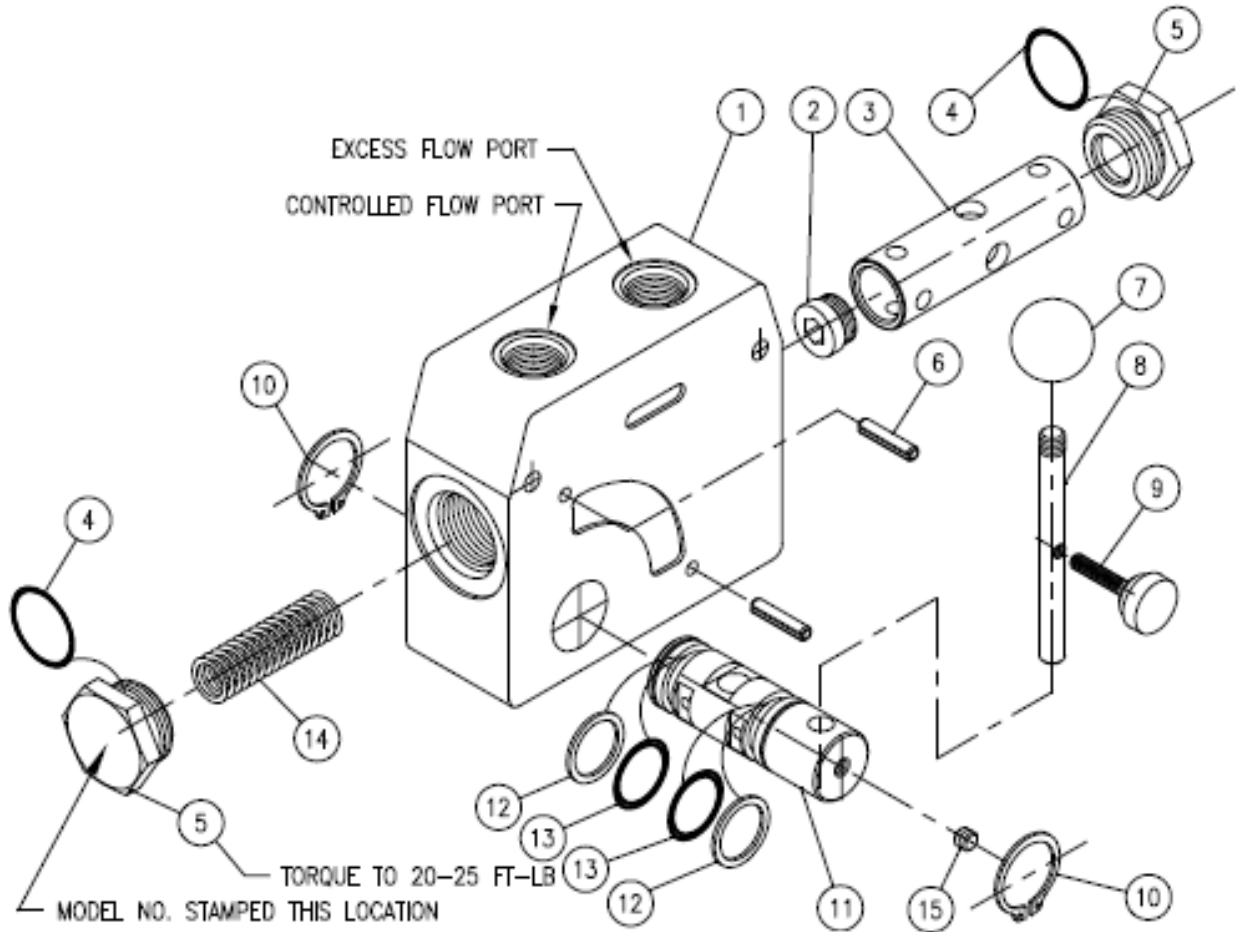
7 - BLACK

4 - WHITE

8 - YELLOW

Variable Speed Valve # HK-100696

Fit Machine HK-2, HK-3, HK-4, HK-5, HK-5LP



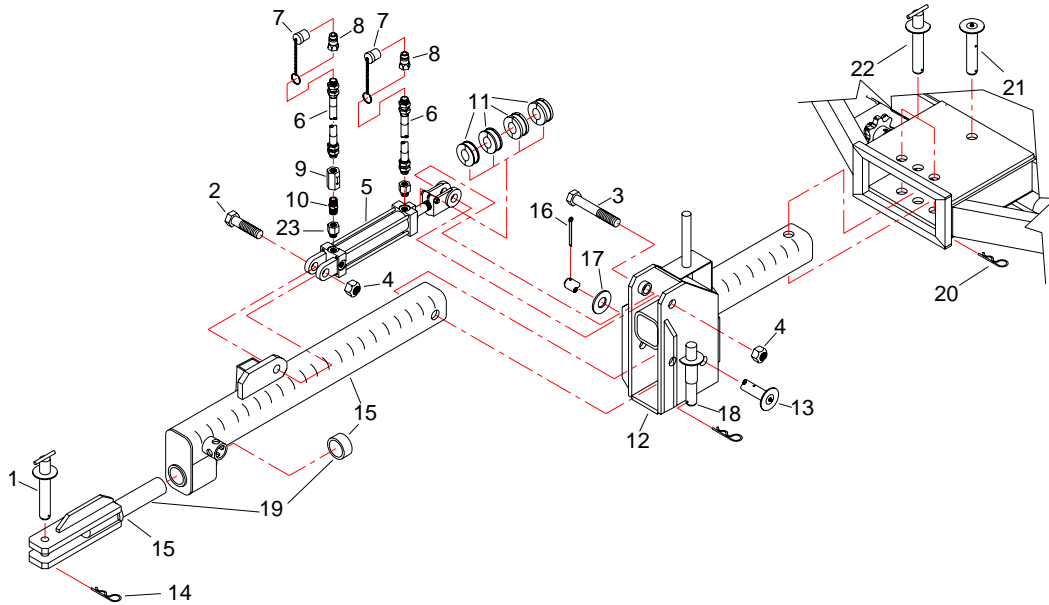
Variable Speed Valve # HK-100696

Fit Machine HK-2, HK-3, HK-4, HK-5, HK-5LP

ITEM	PART #	DESCRIPTION
1	N/A	Valve Body
2	N/A	Plug
3	N/A	Metering Spool
4		O-Ring
5	N/A	Main Bore Plug
6		Roll Pin
7		Handle Knob
8		Handle
9		Thumb Screw
10	N/A	Snap Ring
11	N/A	Rotary Spool
12		Back-Up Washer (See Note 1)
13		O-Ring (See Note 1)
14	N/A	Metering Spring
15	N/A	Set Screw
	RDK1005	Seal Kit Includes Items 4, 12, and 13.
	H1071	Handle Kit Includes Items 6, 7, 8, and 9.

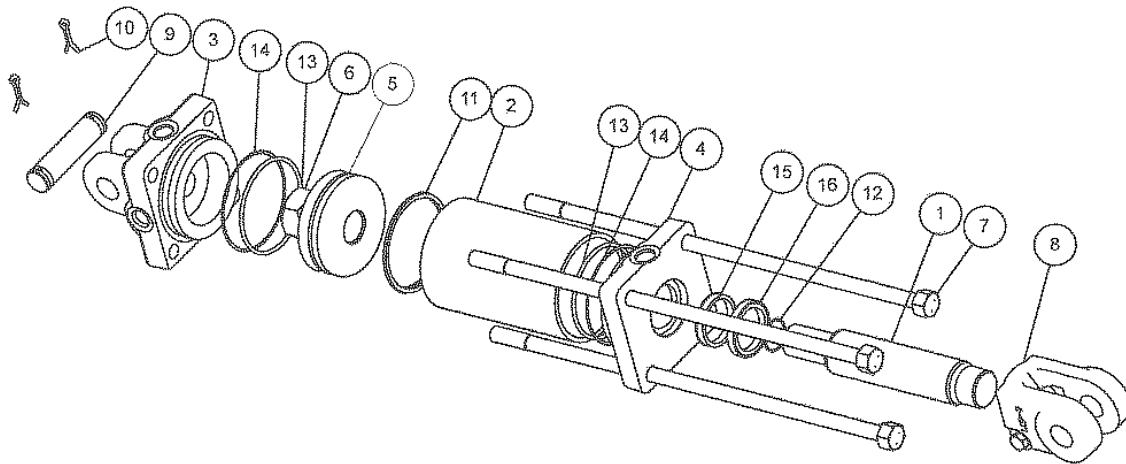
NOTE: 1. Spool Seal Installation Procedure: Install one O-Ring and Backup Washer in the Groove on Handle end of Rotary Spool, push Spool thru from Handle side just far enough to expose O-Ring Groove on the backside. Install the other O-Ring and Back-Up Washer and Push Spool back. Lubricate Seals before Installation.

Hydraulic Tongue



ITEM	PART #	DESCRIPTION
1	HK-101238	Hitch Pin
2	HW-220128G8Z	Bolt, HH ZP, 1-8UNC x 4, GR8
3	HW-220148G8Z	Bolt, HH, ZP, 1-8UNC x 6-1/2, GR8
4	HW-301220NEZ	Nut, Hex, 1-8NC, ZP
5	HK-101253	Hydraulic Cylinder ORDER MUST INCLUDE SERIAL #
6	HK-100992	Hydraulic Hose
7	HK-100993	Quick Coupler Cap
8	HK-100965	Quick Coupler
9	HK-101252	Metering Valve
10	HK-100963	Nipple, 1/2 MP x 1/2 MP
11	HK-101260	Stroke Control Kit
12	HK-101250	Tongue Rear Link
13	HK-100189	Pivot Pin
14	HK-101254	Hair Pin
15	HK-101240	Tongue Front Link
16	HW-427112	Cotter Pin 1/4 x 2
17	HW-325222Z	Washer, Flat, 1-1/8 ID x 2-3/4 OD
18	HK-101622	Safety Pin With Hair Pin
19	HK-101663	Hitch Kit
20	HW-500224	Hair Pin
21	HK-100189	Pivot Pin
22	HK-100191	Pin
23	HK-100974	O-RING BOSS ADAPTER 8 ORB X 1/2" NPT

HK-101253 Hydraulic Tongue Cylinder



ORDER MUST INCLUDE SERIAL #

ITEM	PART #	DESCRIPTION	QTY
1	N/A	Piston Rod	1
2	N/A	Tube	1
3	1415005SF	Butt	1
4	0815BBGSF	Gland	1
5	071500244	Piston	1
6	220000210	Lock Nut	1
7	N/A	Tie-Rod	4
8	100000423	Clevis Assembly	1
9	190400001	Clevis Pin	2
10	220001504	Cotter Pin	4
11	240060334	Crown Seal	1
12	240000022	O-Ring	1
13	240000232	O-Ring	1
14	240061232	BU-Washer	2
15	240037106	U-Cup	2
16	250014137	Wiper	1
*	240020185	U-Cup	1
	PMCK-B300000	Packing Kit (See Note)	

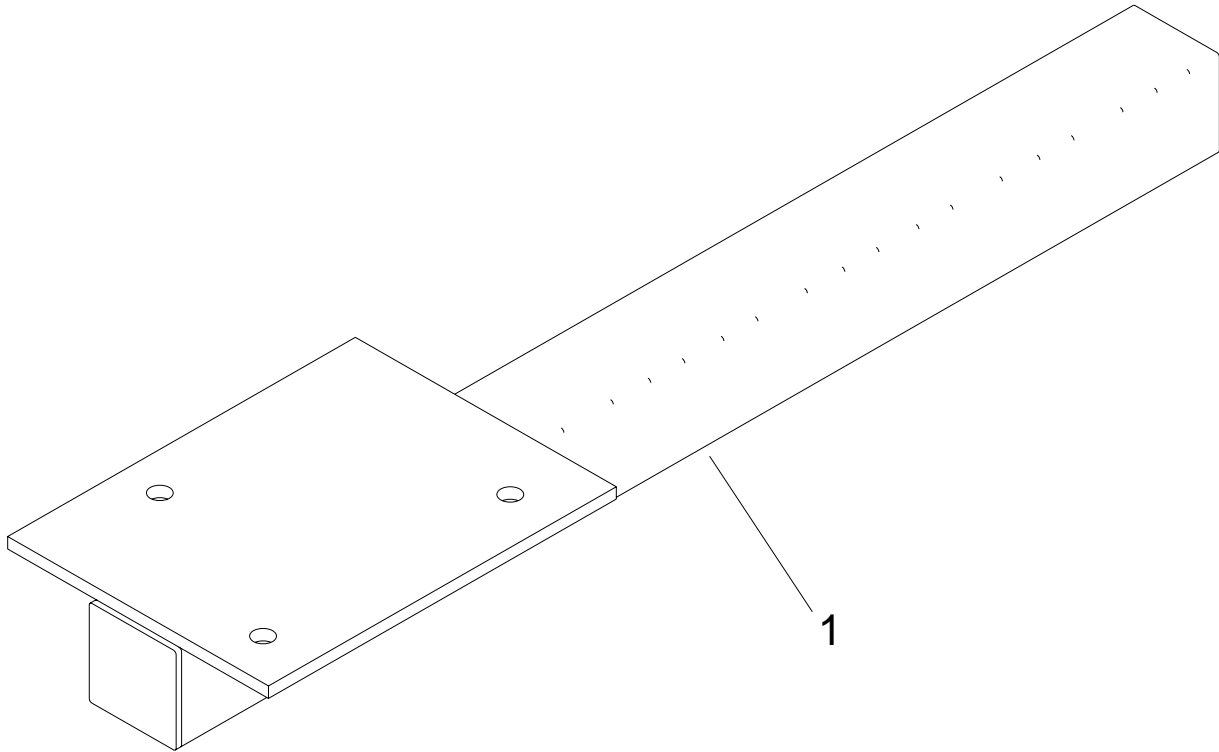
Note: Items 11, 12, 13, 14, 15, and 16 included in Kit

* Included in Packing Kit as replacement seals for older cylinders

SEAL KIT # 218-819 FOR MACHINES SERIAL # 7555 AND AFTER

Spool Valve Mount Bracket

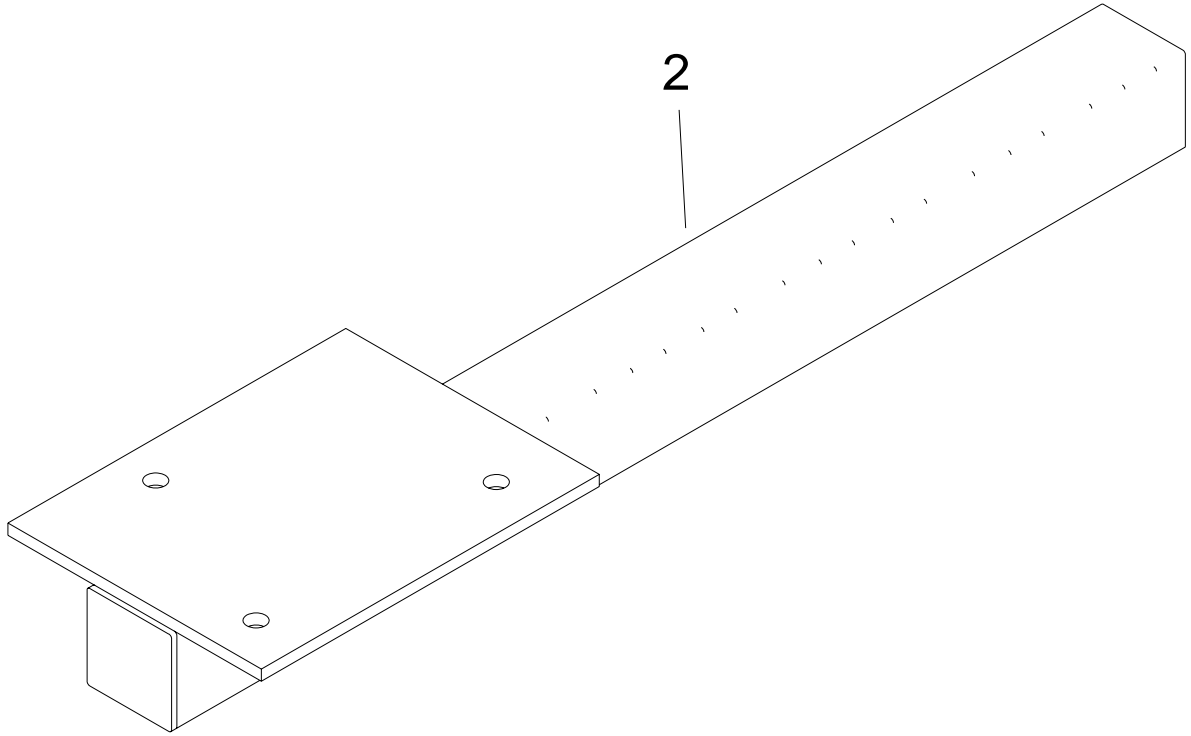
Fit Machines DB-1, DB-2, DB-2LP, DB-4
With Electric control Valve



ITEM	PART #	DESCRIPTION
1	DB-400070	Manual Double Spool Valve Bracket

Spool Valve Mount Bracket

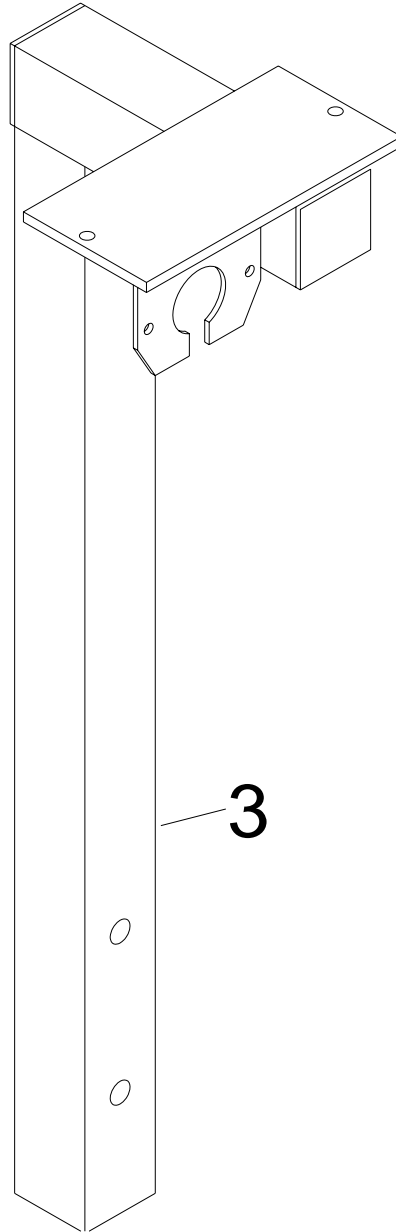
Fit Machines HK-2, HK-3, HK-4, HK-5, HK-5LP
With Manual control Valve



ITEM	PART #	DESCRIPTION
2	HK-100014	Manual Single Spool Valve Bracket

Spool Valve Mount Bracket

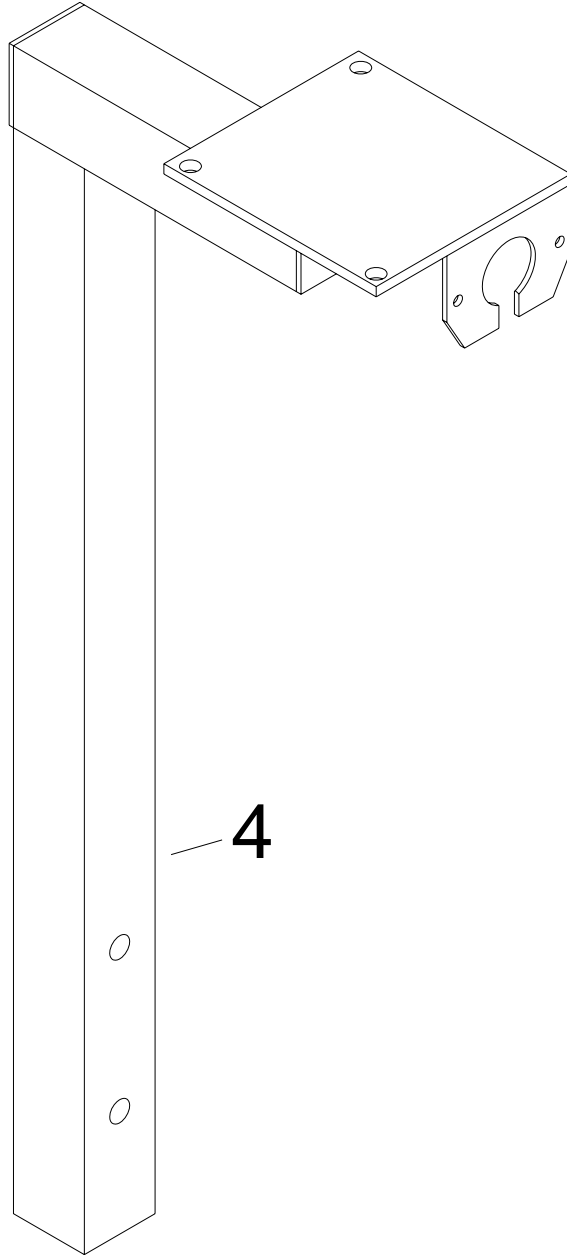
Fit Machines, HK-3.5 HK-4, HK-5, HK-5LP
SERIAL #7557 AND BEFORE



ITEM	PART #	DESCRIPTION
3	HK-101737	Electric Single Spool Valve Bracket

Spool Valve Mount Bracket

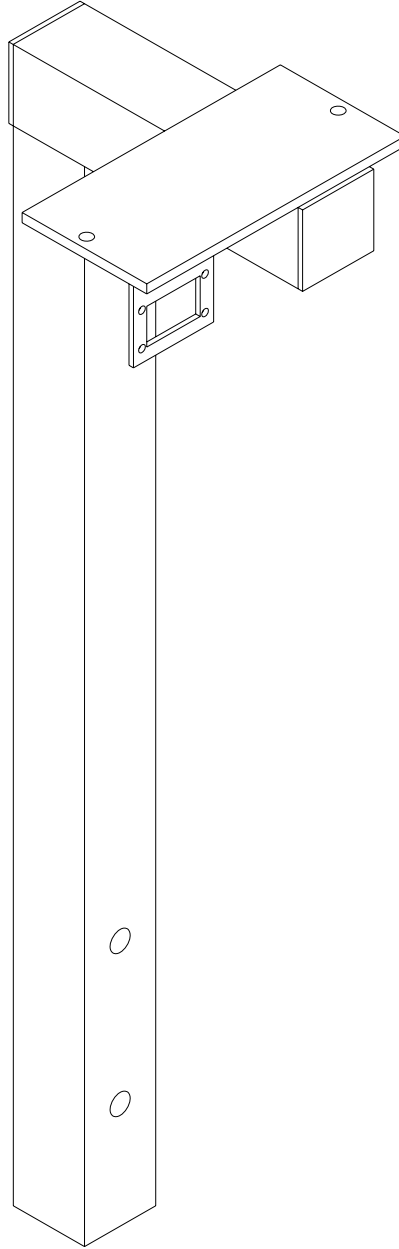
Fit Machines DB-1, DB-2, DB-2LP, DB-4
SERIAL # 7557 AND BEFOR



ITEM	PART #	DESCRIPTION
4	DB-400144	Electric Double Spool Valve Bracket

Spool Valve Mount Bracket

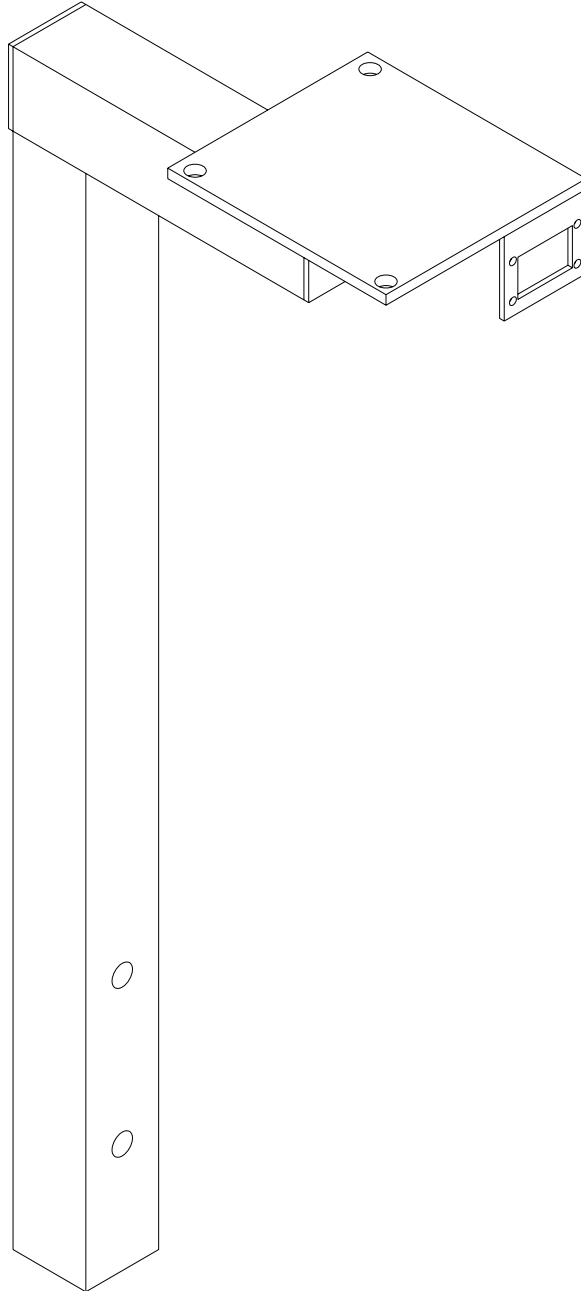
Fit Machines, HK-3.5 HK-4, HK-5, HK-5LP
SERIAL # 7558 AND UP



ITEM	PART #	DESCRIPTION
3	HK-101885	Electric Single Spool Valve Bracket

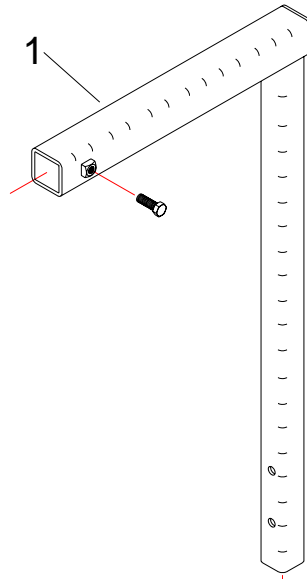
Spool Valve Mount Bracket

Fit Machines DB-1, DB-2, DB-2LP, DB-4
SERIAL # 7558 AND UP

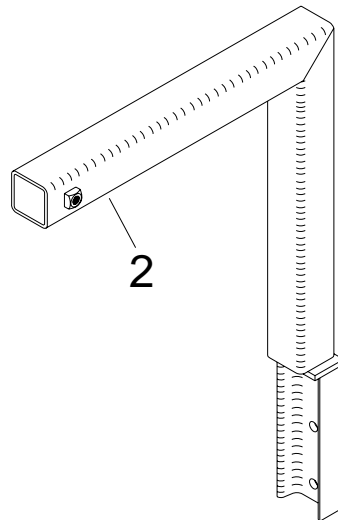


ITEM	PART #	DESCRIPTION
4	DB-400220	Electric Double Spool Valve Bracket

Gooseneck

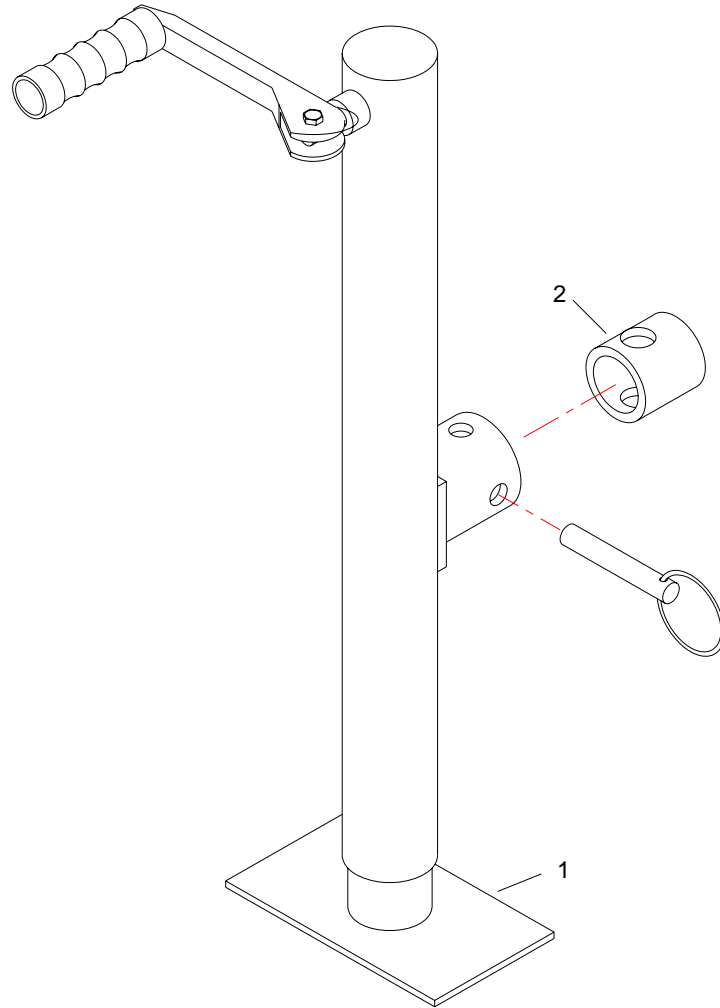


ITEM	PART #	DESCRIPTION
1	HK-100179	Gooseneck(Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
2	HK-100339	Gooseneck (Fit Machine HK-2, HK-3)

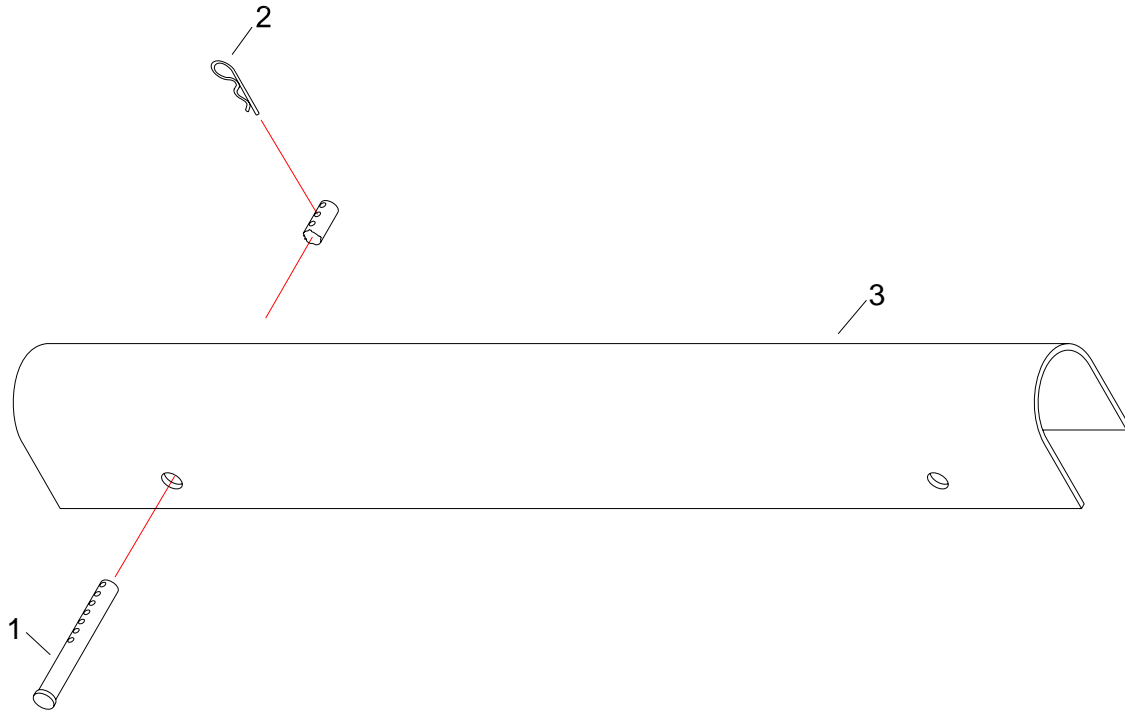
Jack Stand



ITEM	PART #	DESCRIPTION
1	HK-101470	Jack Stand
2	SP-200036	Jack Stand Mount

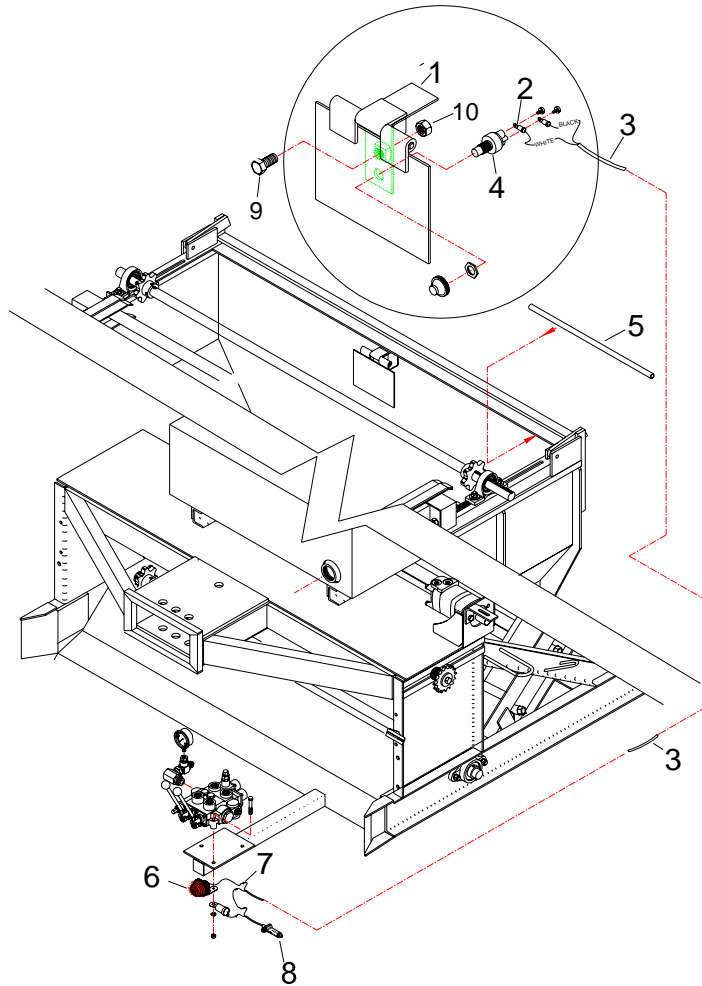
Hydraulic Cylinder Stop

Fit Machine DB-1 DB-2, DB,2LP, DB-4



ITEM	PART #	DESCRIPTION
1	DB-400139	Pin 3/8Ø x 3" LG
2	HW-500207	Hair Pin Size #3
3	DB-200083	Hydraulic Cylinder Stop

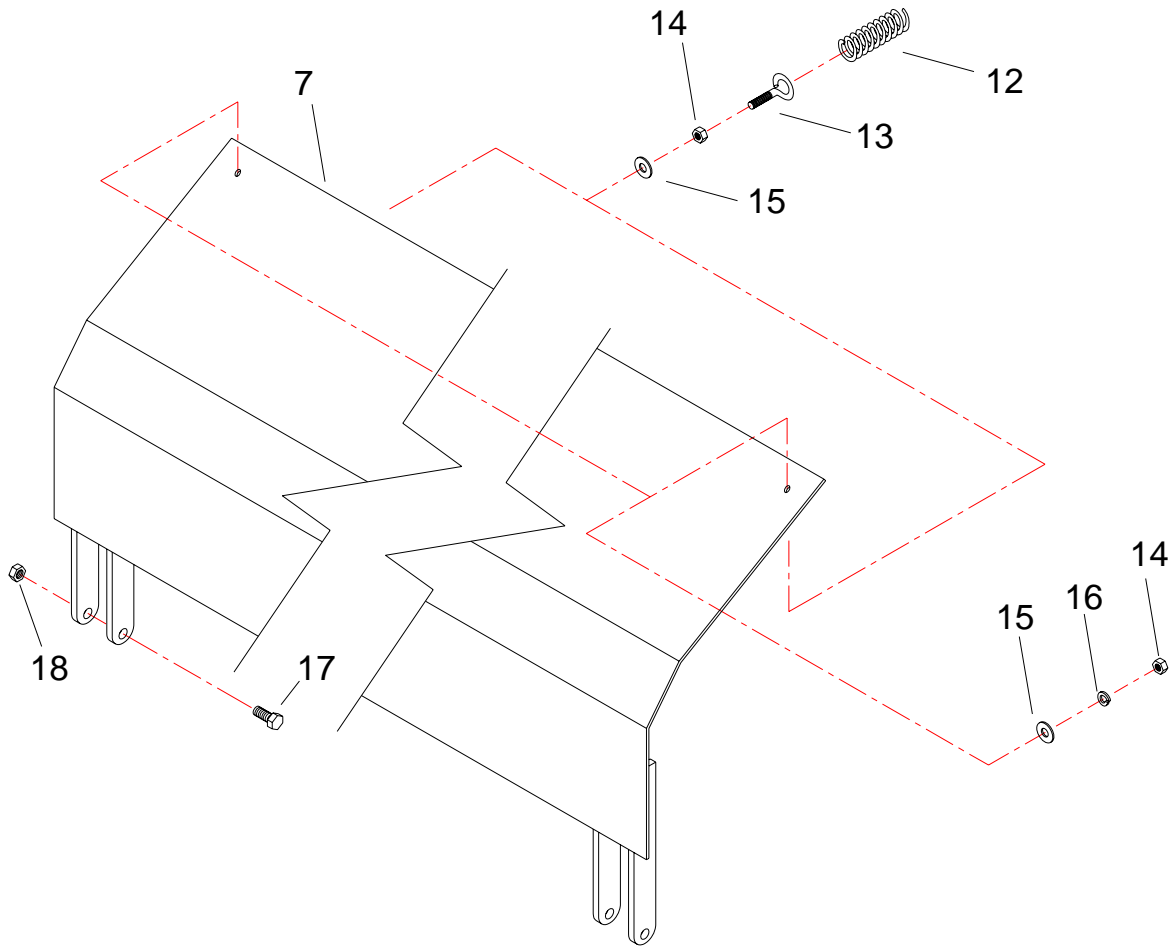
Over-Flow Kit



ITEM	PART #	DESCRIPTION
1	HK-101787	Switch Activator
2	HK-101791	Insulated Ring Terminal
3	HK-101788	Electrical Cable
4	HK-101793	Switch
5	DB-400305	Switch Wire Cover
6	HK-101789	Light
7	HK-101792	Non Strip Splicer
8	HK-101790	Lighter Power Plug
9	HW-208108SS	Bolt, Hex, 1/2-13NC x 1-1/2 LG, 18-8 Stainless Steel
10	HW-300208ZG5	Nut, Hex, 1/2-13NC, Zinc Plated, Grade 5
	DB-400306	Over-Flow Kit (Complete Items 1,2,3,4,5,6,7,& 8)

Top Guard

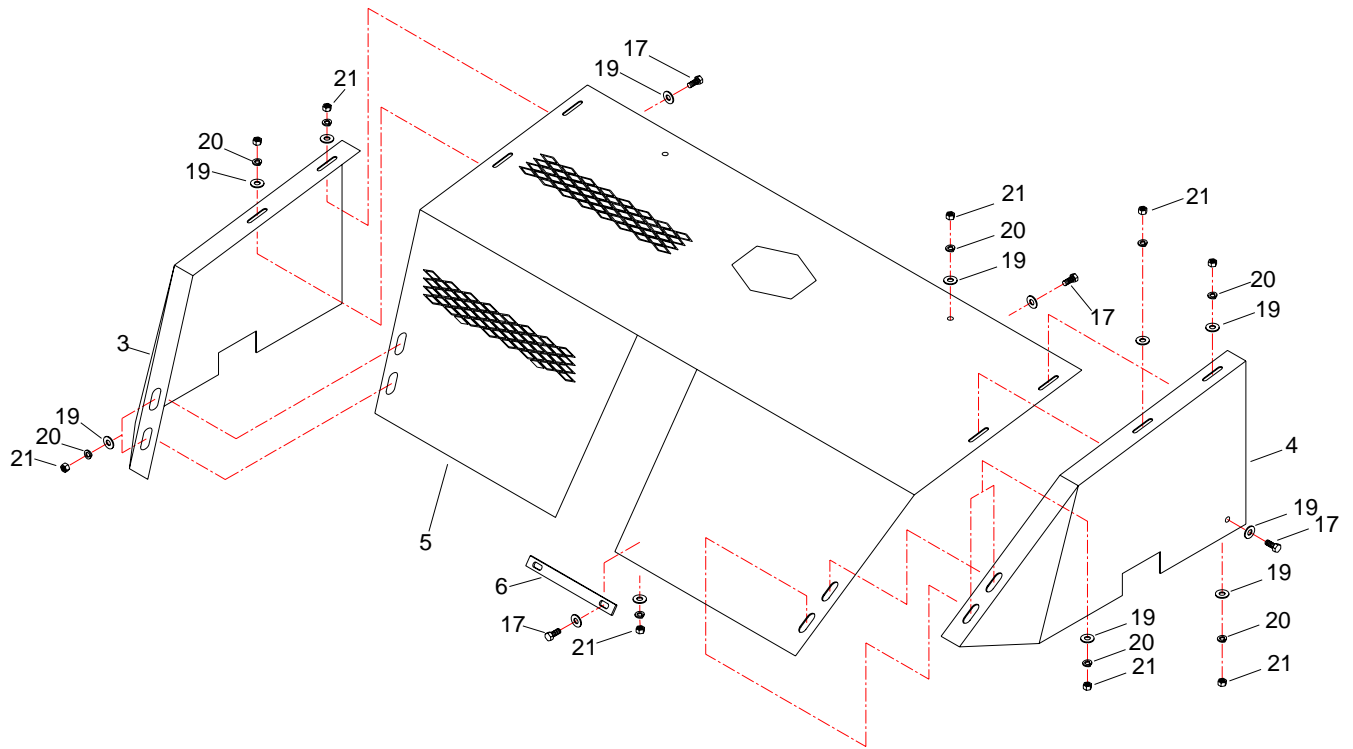
Fit Machine HK-2, HK-3, HK-4, HK-5, HK5LP



ITEM	PART #	DESCRIPTION
7	02-100390	Top Shield HK-2& HK-3
7	HK-101065	Top Shield HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4
12	HK-101266	Spring
13	HW-960000	Eye Bolt
14	HW-300200ZG5	Nut, Hex, 1/4-20NC
15	HW-325200Z	Washer, Flat, 1/4, USS
16	HW-335200Z	Washer, Lock, 1/4, ZP
17	HW-202114G5Z	Bolt, HH, ZP, 5/16-18NC x 2-1/4, GR5
18	HW-301202NEZ	Locknut, Center Lock, ZP, 5/16-18NC

Cylinder Cover

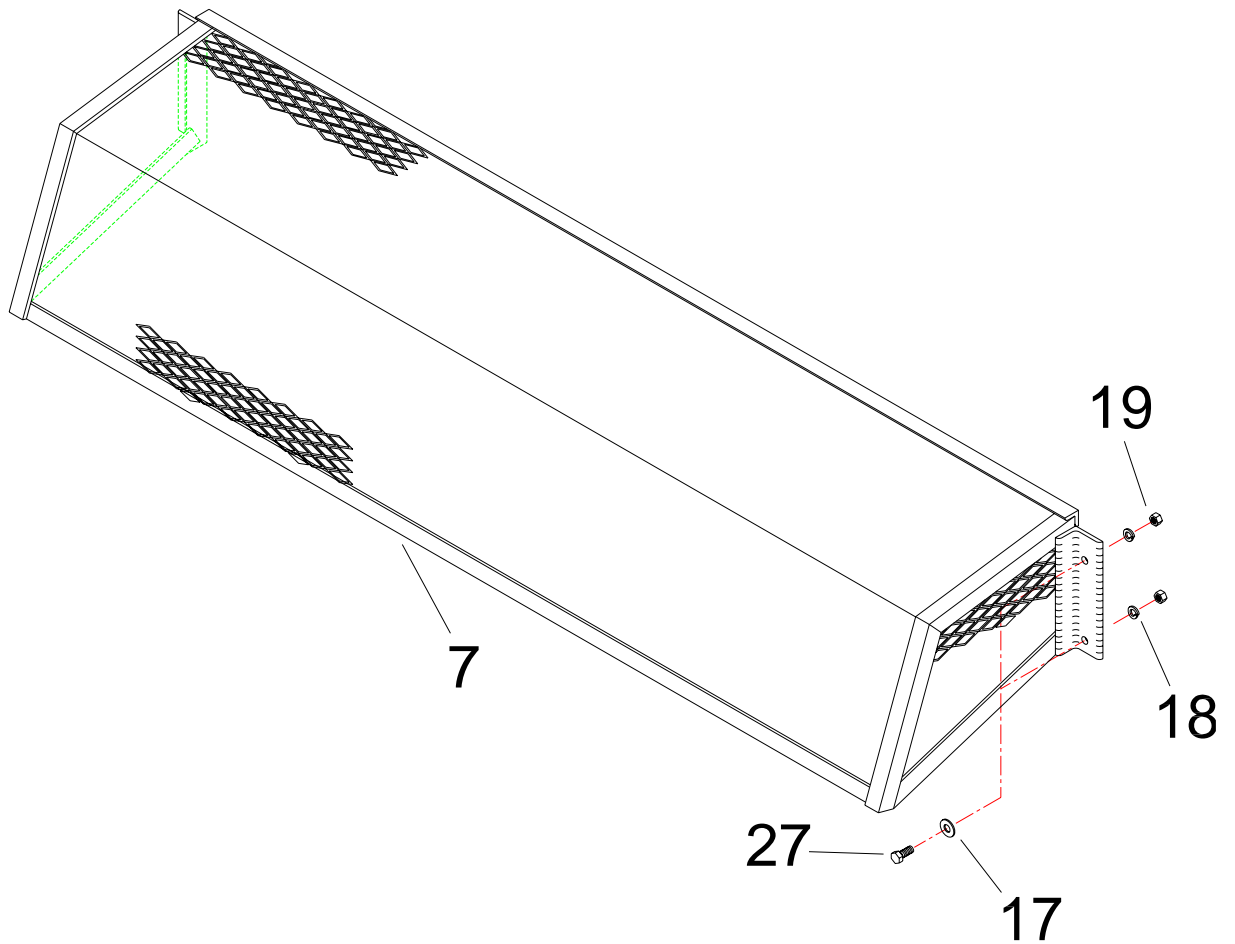
Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
3	HK-100694	Cylinder Guard R.H.
4	HK-100693	Cylinder Guard L.H.
5	HK-100688	Cylinder Front Cover
6	HK-101007	Cylinder Guard Tie
17	HW-204106G5Z	Bolt, HH, ZP, 3/8-16NC x 1-1/4
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Cylinder Cover

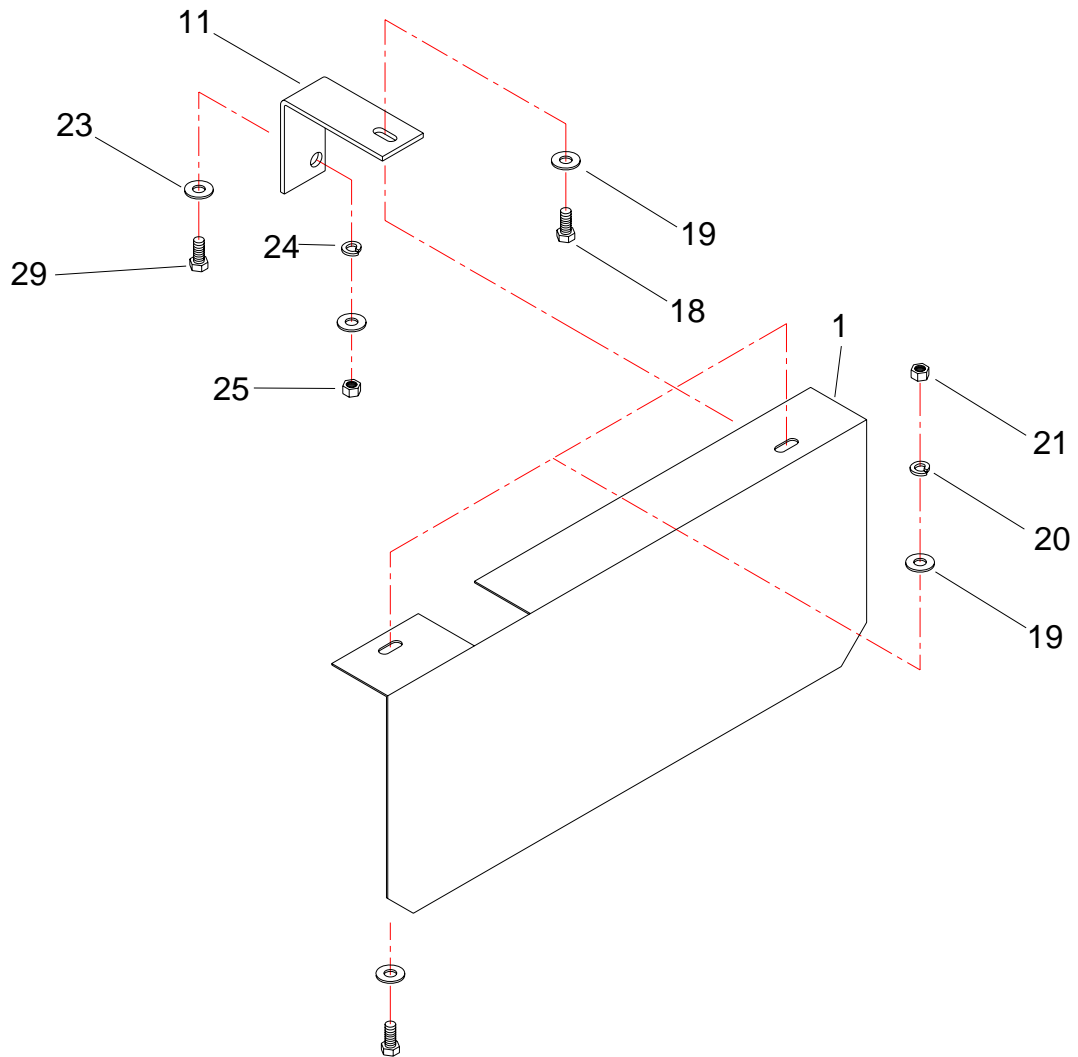
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
7	HK-100060	Cylinder Cover
17	HW-325208Z	Washer, Flat, ZP, 1/2
18	HW-335208Z	Washer, Lock, ZP, 1/2
19	HW-300208ZG5	Nut, Hex, 1/2-13NC
27	HW-208112G5Z	Bolt, HH, ZP, 1/2-13NC x 2 GR5

Unloading Drive Chain Guard

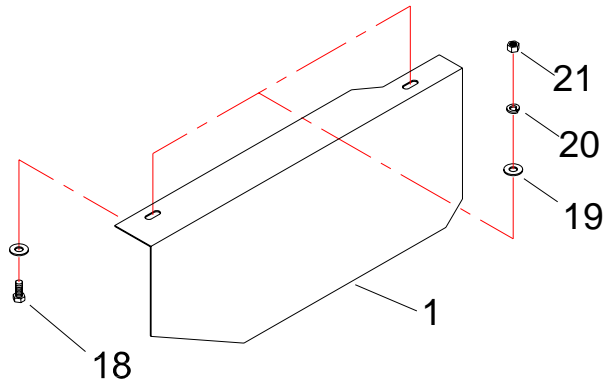
Fit Machine HK-2



ITEM	PART #	DESCRIPTION
11	02-100690	Unloading Guard Mount Bracket
18	HW-204104G5Z	Bolt, HH, ZP, 3/8-16NC x 1
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC
23	HW-325208Z	Washer, Flat, ZP, 1/2
24	HW-335208Z	Washer, Lock, ZP, 1/2
25	HW-300208ZG5	Nut, Hex, ZP, 1/2-13NC
29	HW-208108G5Z	Bolt, HH, ZP, 1/2-13NC x 1-1/2

Unloading Drive Chain Guard

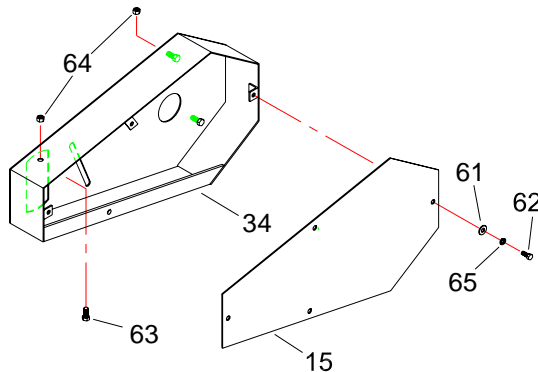
Fit Machine HK-3
(AFTER 8-11-20 HK-3.5, HK-4, HK-5, HK-5LP)



ITEM	PART #	DESCRIPTION
1	03-100692	Rear Unloading Chain Guard
18	HW-204104G5Z	Bolt, HH, ZP, 3/8-16NC x 1
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Unloading Drive Chain Cover

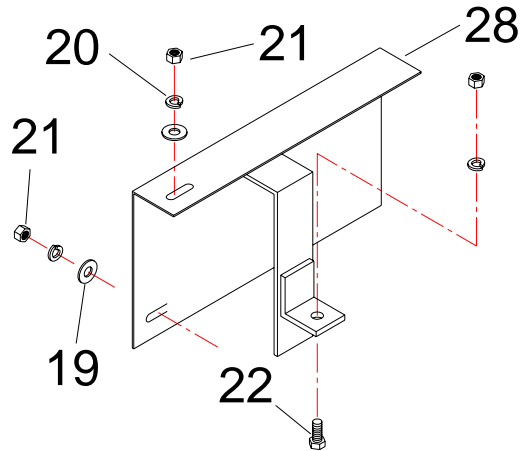
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP Before 8-11-20 serial # 9210D



ITEM	PART #	DESCRIPTION
15	HK-100683	Coffin Cover
34	HK-100689	Coffin
61	HW-325202Z	Washer, Flat, 5/16
62	HW-202104G5Z	Bolt, HH, ZP, 5/16-18NC x 1
63	HW-204103G5Z	Bolt, HH, ZP, 3/8-16NC x 7/8, GR5
64	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC
65	HW-335202Z	Washer, Lock, ZP, 5/16

Rear Leveling Belt Guard

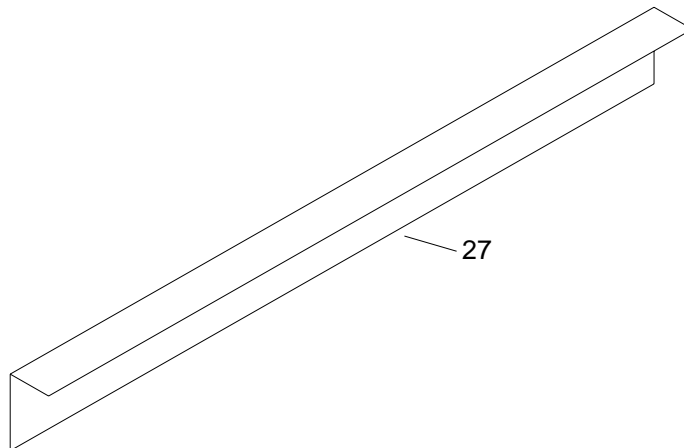
Belt Drive Leveling Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC
22	HW-708108G5BX	Bolt, Button Head, 1/2-13NC x 1-1/2
28	HK-100394	Rear leveling Belt Guard

Rear Leveling Belt Outside Cover

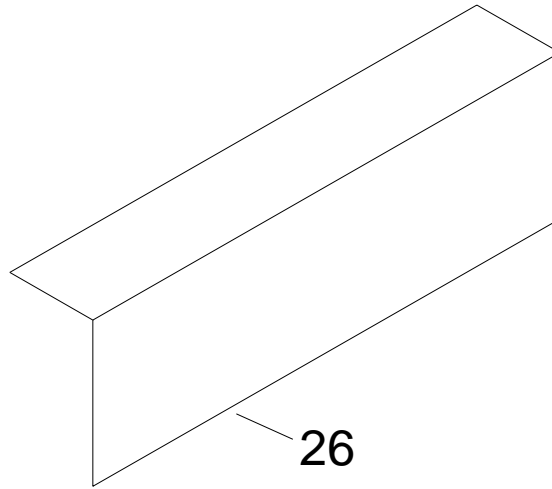
Fit Machine HK-2



ITEM	PART #	DESCRIPTION
27	HK-101358	Leveling Belt Outside Cover Fit Machine HK-2
27	HK-101759	Leveling Belt Outside Cover Fit Machine HK-3

Inside Leveling Belt Guard

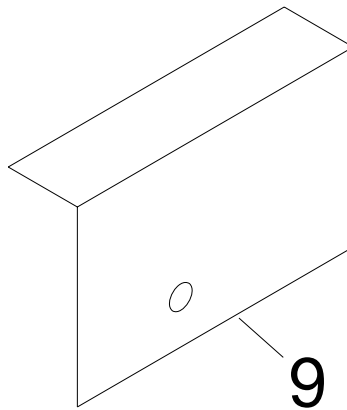
Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
26	HK-101357	Belt Inside Cover

Rear Leveling Belt Guard

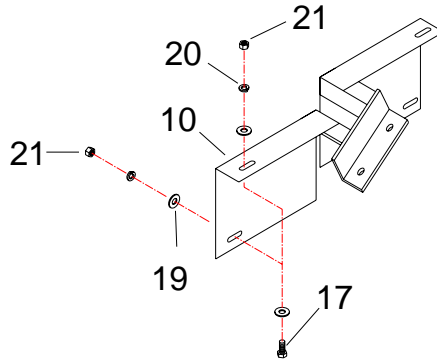
Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
9	HK-101036	Front Leveling Chain Guard

Loading & Leveling Belt Guard

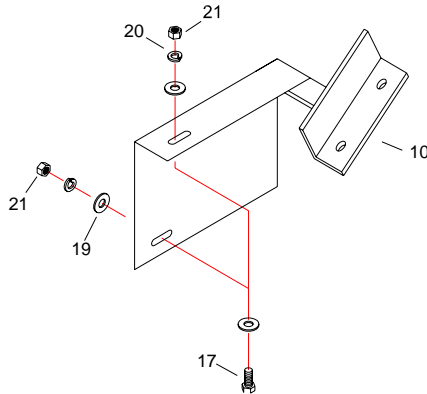
Belt Drive Loading And Leveling Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
10	HK-100023	Loading and Leveling Belt Guard
17	HW-204106G5Z	Bolt, HH, ZP, 3/8-16NC x 1-1/4
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Loading Belt Guard

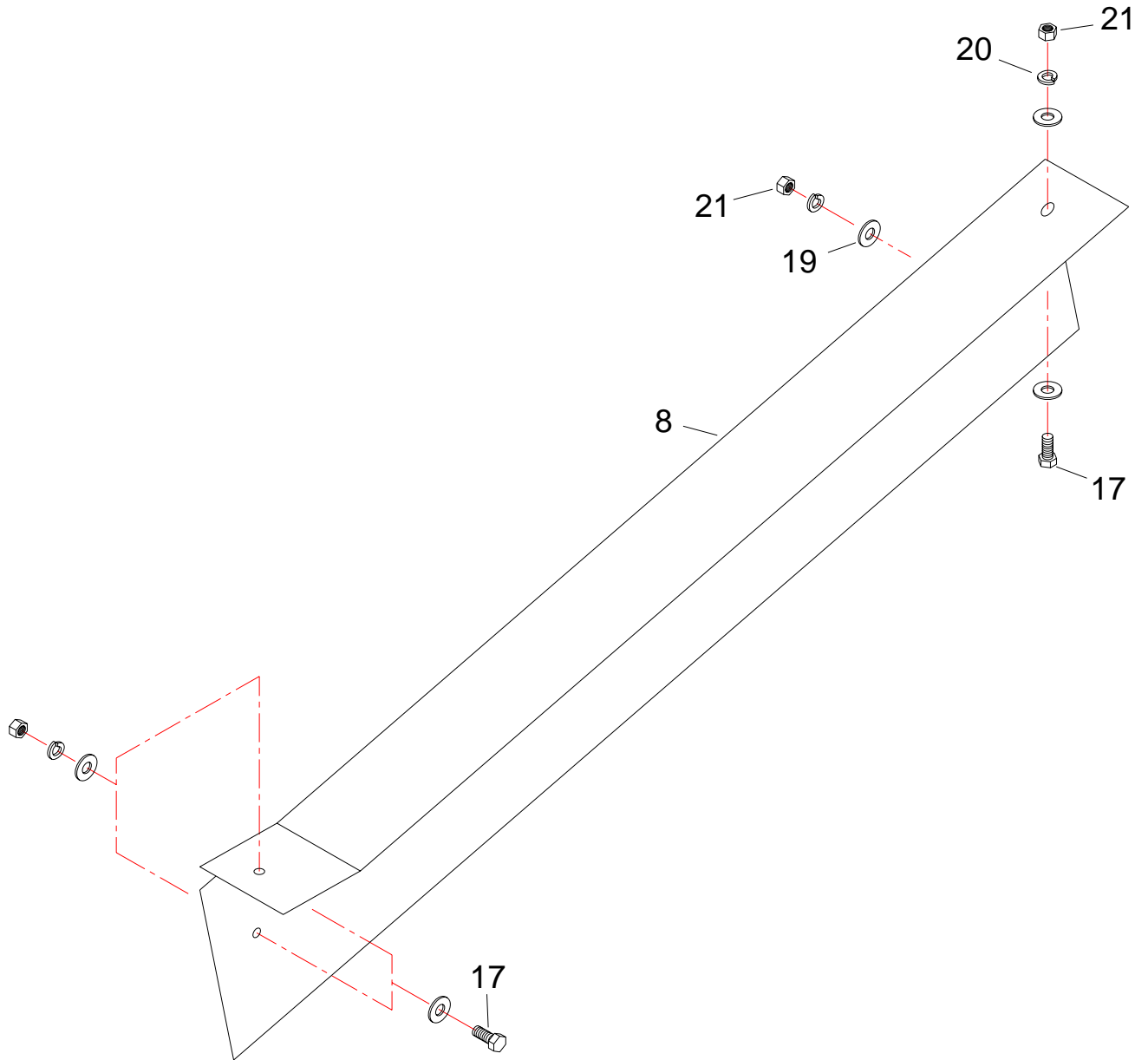
Hydraulic Leveling Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
10	HK-101449	Shield, Top Left Loading Shaft
17	HW-204106G5Z	Bolt, HH, ZP, 3/8-16NC x 1-1/4
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, ZP, 3/8
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Loading Belt Cover

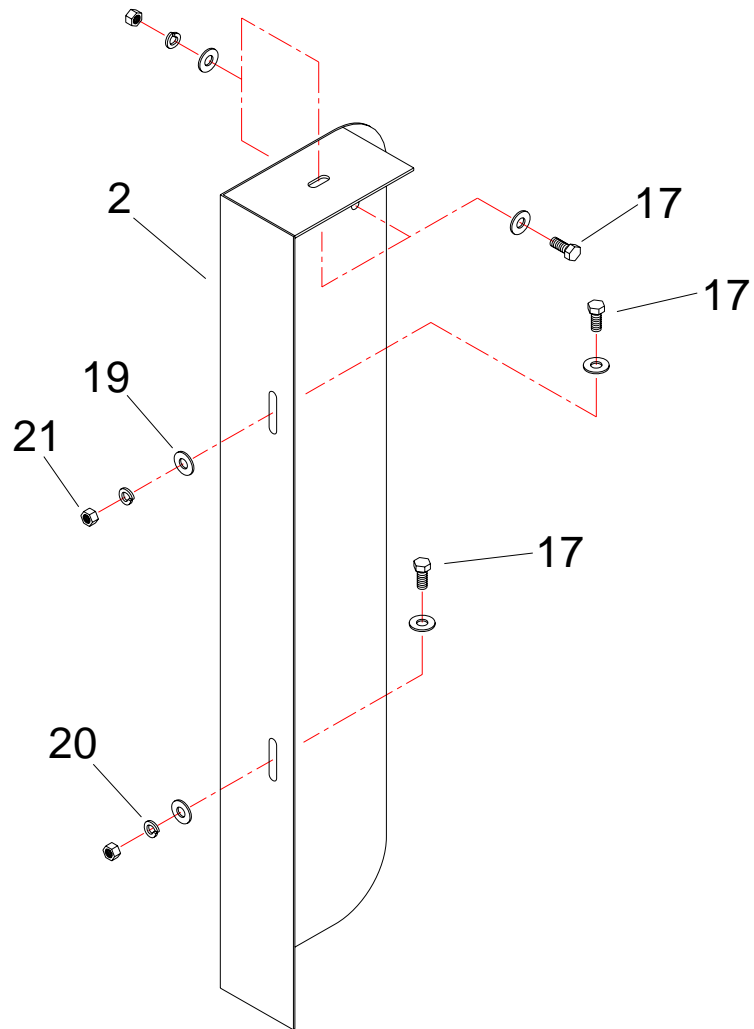
Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
8	HK-101360	Loading Belt Cover
17	HW-204106G5Z	Bolt, HH, ZP, 3/8-16NC x 1-1/4
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Cylinder Chain Guard

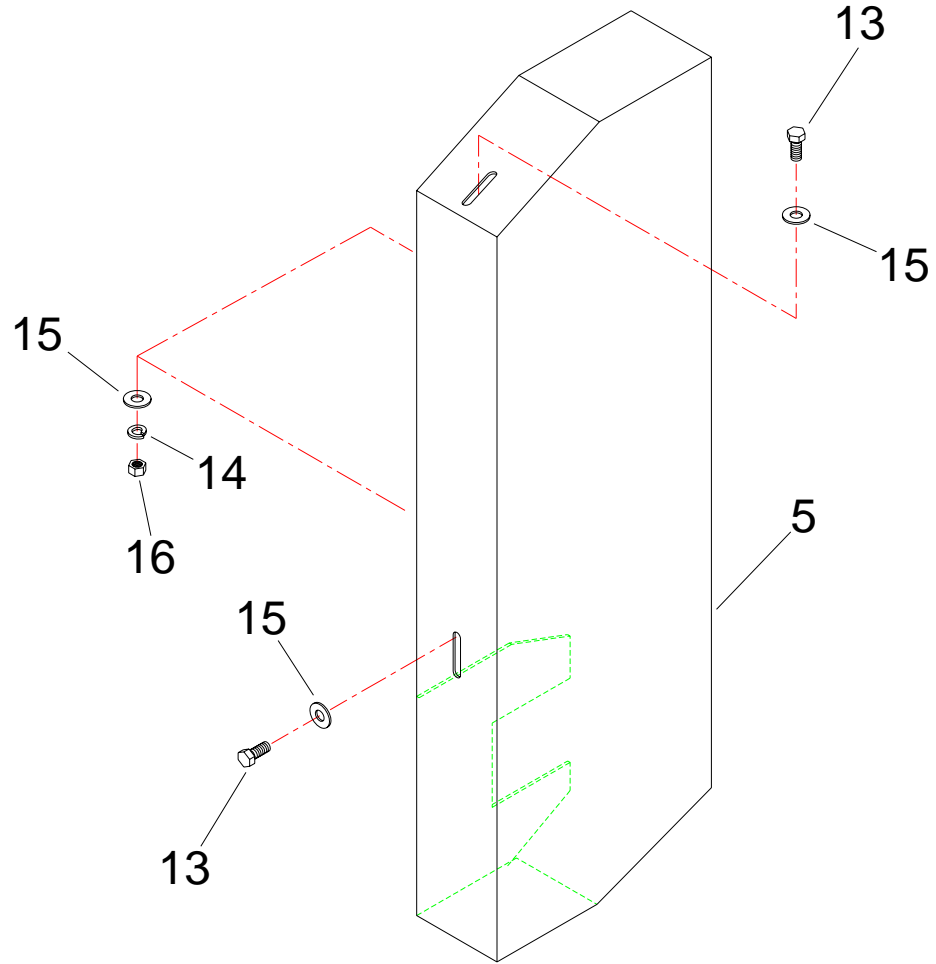
Fit Machine HK-2, HK-3



ITEM	PART #	DESCRIPTION
2	HK-100405	Cylinder Chain Guard
17	HW-204106G5Z	Bolt, HH, ZP, 3/8-16NC x 1-1/4
19	HW-325204Z	Washer, Flat, 3/8
20	HW-335204Z	Washer, Lock, 3/8, ZP
21	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Cylinder Chain Guard

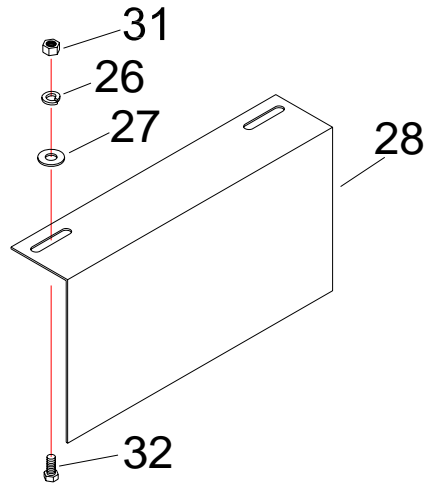
Fit Machine HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB-4



ITEM	PART #	DESCRIPTION
5	HK-100679	Cylinder Chain Guard
13	HW-204106G5Z	Bolt, HH, ZP, 3/8-16NC x 1-1/4
14	HW-335204Z	Washer, Lock, ZP, 3/8
15	HW-325204Z	Washer, Flat, ZP, 3/8
16	HW-300204ZG5	Nut, Hex, ZP, 3/8-16NC

Hydraulic Leveling Motor Guard

Fit Machine HK-2, HK-3, HK-3.5, HK-4, HK-5, HK-5LP, DB-1, DB-2, DB-2LP, DB4



ITEM	PART #	DESCRIPTION
26	HW-335202Z	Washer, Lock, ZP, 5/16
27	HW-325202Z	Washer, Flat, ZP, 5/16
28	HK-101263	Leveling Guard
31	HW-300202ZG5	Nut, Hex, ZP, 5/16-18NC, GR5
32	HW-202104G5Z	Bolt, HH, ZP, 5/16-18NC x 1

DECAL

MODEL DB1

PART # DB-400136, MODEL # DECAL, FIT MACHINE DB1

MODEL DB2

PART # DB-200082, MODEL # DECAL, FIT MACHINE DB2

MODEL DB2LP

PART # DB-300017, MODEL # DECAL, FIT MACHINE DB2LP

MODEL DB4

PART # DB-500003, MODEL # DECAL, FIT MACHINE DB4

DECAL

MODEL #2

PART # HK-100901, MODEL # DECAL, FIT MACHINE HK-2

MODEL #3

PART # HK-100902, MODEL # DECAL, FIT MACHINE HK-3

MODEL #3.5

PART # HK-100903, MODEL # DECAL, FIT MACHINE HK-3.5

MODEL #4

PART # HK-100904, MODEL # DECAL, FIT MACHINE HK-4

DECAL

MODEL #5

PART # HK-100905, MODEL # DECAL, FIT MACHINE HK-5

MODEL #5LP

PART # HK-101435, MODEL # DECAL, FIT MACHINE HK-5LP

PAT. #4,897,183
PAT. #6,092,668

PART # HK-100923, PATTON # DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # HK-100986, WARNING DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS

DECAL



PART # HK-100906, CAUTION DECAL, FIT MACHINE ALL HK MODEL AND ALL DB MODELS



PART # HK-100908 , WARNING DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS

DECAL



PART # HK-100916, DANGER DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # HK-100899, CAUTION DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # HK-100918, WARNING DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS

DECAL



PART # HK-100917, DANGER DECAL, FIT MACHINE ALL HK MODELS



PART # HK-100910, ATTENTION DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # HK-100911, ATTENTION DECAL, FIT MACHINE, ALL HK MODELS AND ALL DB MODELS

DECAL



PART # HK-100907, CAUTION DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # HK-100912, WARNING DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # DB-400166, GREASE DECAL, FIT MACHINE ALL DB MODLES

DECAL



PART # HK-100919, DANGER DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS

**SHAKER ROLLERS MUST
BE REMOVED BEFORE
INSTALLING SOLID BARS**

PART # HK-100913

DECAL



PART # HK-101669, SLOW MOVING DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS

B LEWIS B
POULTRY HOUSEKEEPER
MANUFACTURED BY
LEWIS BROTHERS MFG. INC.
BAXLEY, GA. SERIAL NO. 5364
OPERATION
Read Carefully

1. Do not use machine in any house where boards, bricks, or metal are present.
2. Load machine by driving tractor in low or first gear.
3. Do not raise or alter in any way the tail gate.
4. Operate the machine as level as possible at all times.
5. After house is cleaned, wash machine with a water hose, when dry, thoroughly lubricate chains with light weight oil.
6. Do not use loading chain bars or unloading chain bars other than those furnished by dealer.
7. Grease idler sprockets with bushings twice daily, other bearings once every six months.

HK-100914

PART # HK-100914, SERIAL # DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS

DECAL



PART # HK-100922, LEWIS BROTHERS DECAL, FIT MACHINE ALL HK MODELS AND ALL DB MODELS



PART # DB-400138, DANGER DECAL, FIT MACHINE ALL DB MODELS



DB-400058 (small) DANGER DECAL, FIT MACHINES ALL DB MODELS

DECAL



PART # DB-400057 (large), DANGER DECAL, FIT MACHINE ALL DB MODELS



PART # DB-400059, DANGER DECAL, FIT MACHINE ALL DB MODELS



PART # HK-101852, WARING DECAL FIT MACHINE HK-ALL & DB-ALL

LEWIS POULTRY HOUSEKEEPER

PART #HK-100915 (for side body & DB tail gate)

NOTE: NOT SHOWN
HK-101555 Decal, Strip for Side Body