



RL~K110

PARTS LIST # 102695 I

USE THIS PARTS LIST FOR:

Hoist Serial Number 6154 to _____

For older hoists use the following:
Parts List No. 102695D for Serial Number 2163 to 6153

IF YOUR HOIST DOES NOT FALL WITHIN THE SERIAL NUMBERS BREAKS,
CONTACT HARSH TO GET THE APPROPRIATE MANUAL

For pump replacement part numbers, consult the parts lists supplied with the pump

IT IS RECOMMENDED THAT THIS HOIST
BE INSTALLED BY A QUALIFIED
TRUCK EQUIPMENT INSTALLER

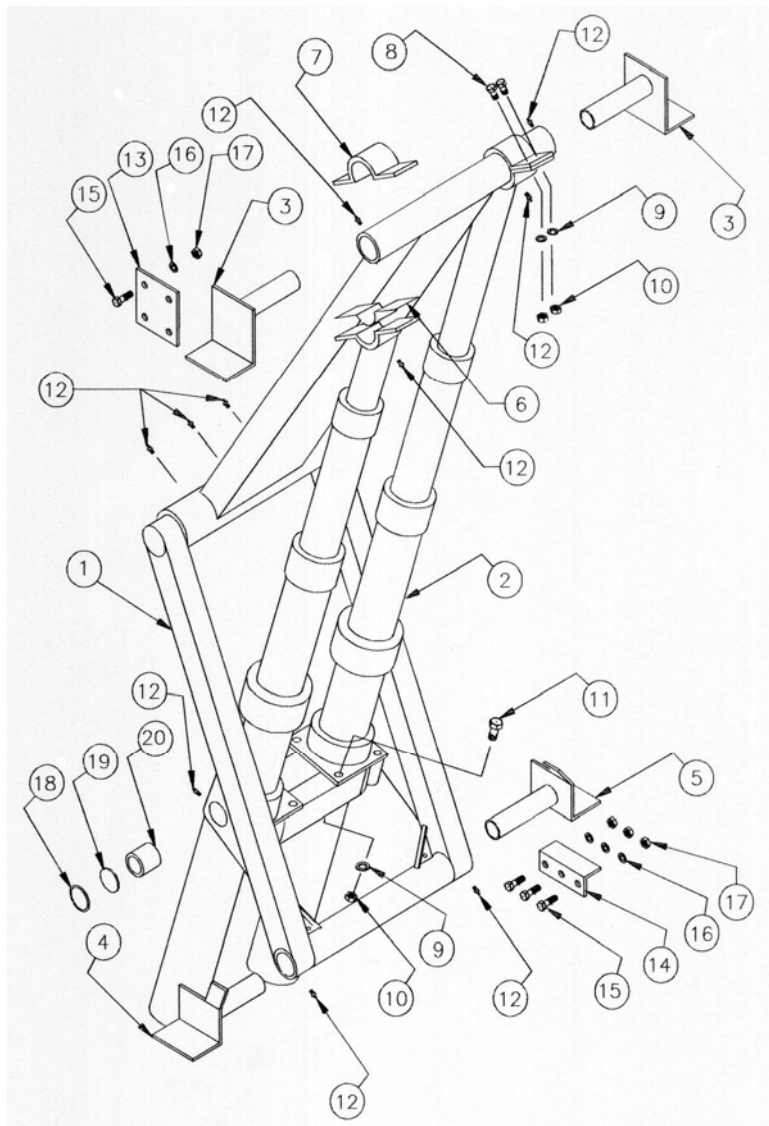
Harsh International, Inc.
600 Oak Avenue
Eaton, Colorado 80615

PHONE: (877) 427-7448 Toll-Free
(970) 454-1755 Local

FAX: (970) 454-1761
EMAIL: customersupport@harshenviro.com

Price: \$2.50

UPDATED AUGUST 2020



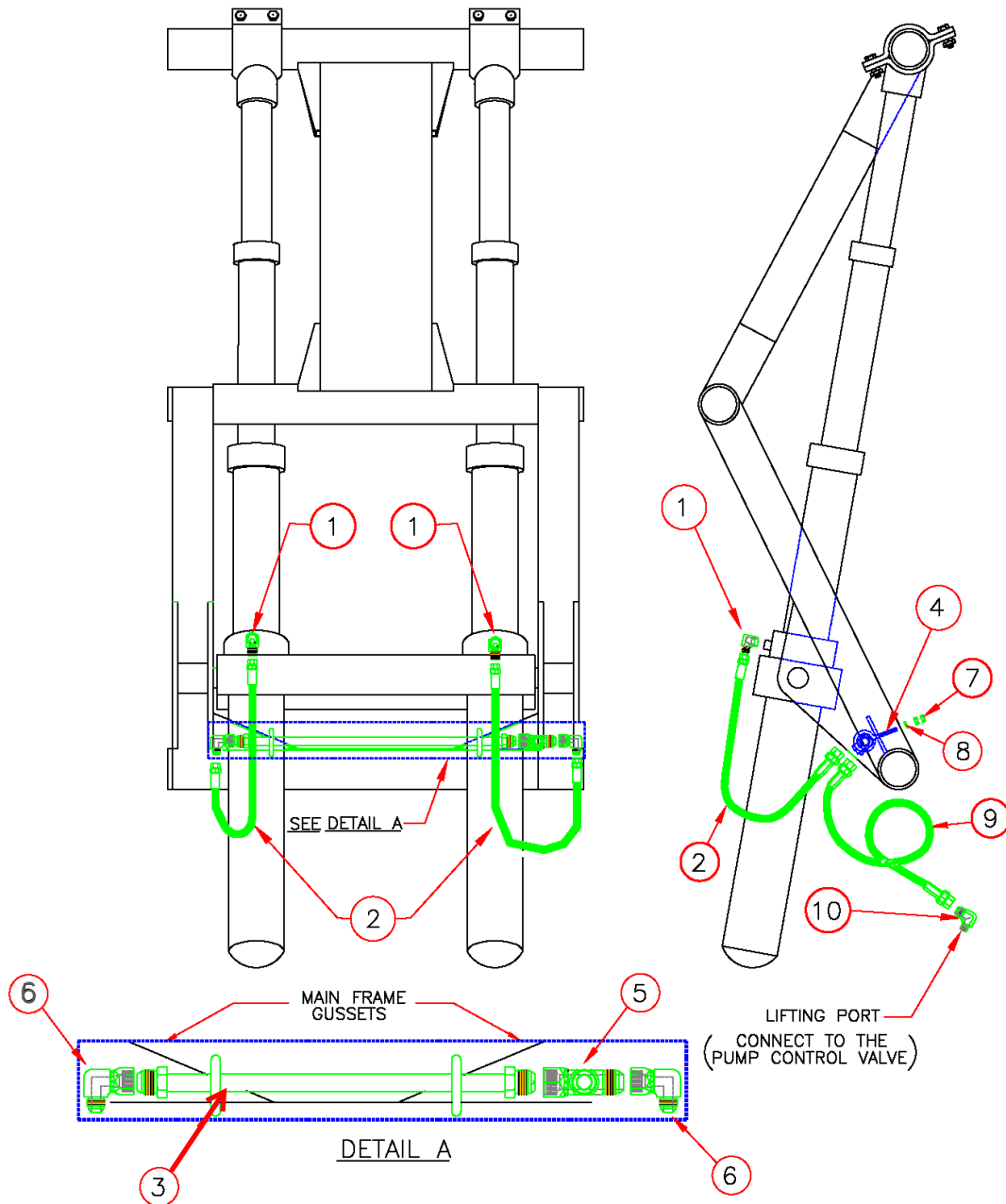
K110 HOIST SCISSOR ASSEMBLY

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART#	QTY	DESCRIPTION
1	A15499	1	SCISSOR ASSEMBLY	12	100037	11	GREASE ZERK, DRIVE-IN
*2	A1263	2	CYLINDER ASSEMBLY	13	10906	2	STRINGER ATTACHMENT PLATE
3	A11703	2	UPPER MOUNT	14	10911	2	ANGLE, FRAME ATTACHMENT
4	A10908-1	1	LOWER MOUNT	15	100230	14	SCREW, HEX HD CAP
5	A10908-2	1	LOWER MOUNT	16	100272	14	WASHER, LOCK
6	12915	2	BUSHING, BRASS	17	100250	14	NUT, HEX
7	10898	2	CYLINDER TOP MOUNT	18	100440	2	SNAP RING
8	100240	8	SCREW, HEX HD CAP	19	15818	2	PLATE, GREASE RETAINING
9	100271	16	WASHER, LOCK	20	15454	2	BUSHING (use 103806)
10	100254	16	NUT, HEX	*21	A9779	1	DECAL KIT
11	300898C	8	SCREW, HEX HD CAP				

NOTE: *2 – A1263 INCLUDES CYLINDER ASSY, CYLINDER TOP MOUNT, BRASS BUSHING, SCREWS, LOCK WASHERS AND NUTS.

*21 – A9779 INCLUDES ALL DECALS ON HOIST.

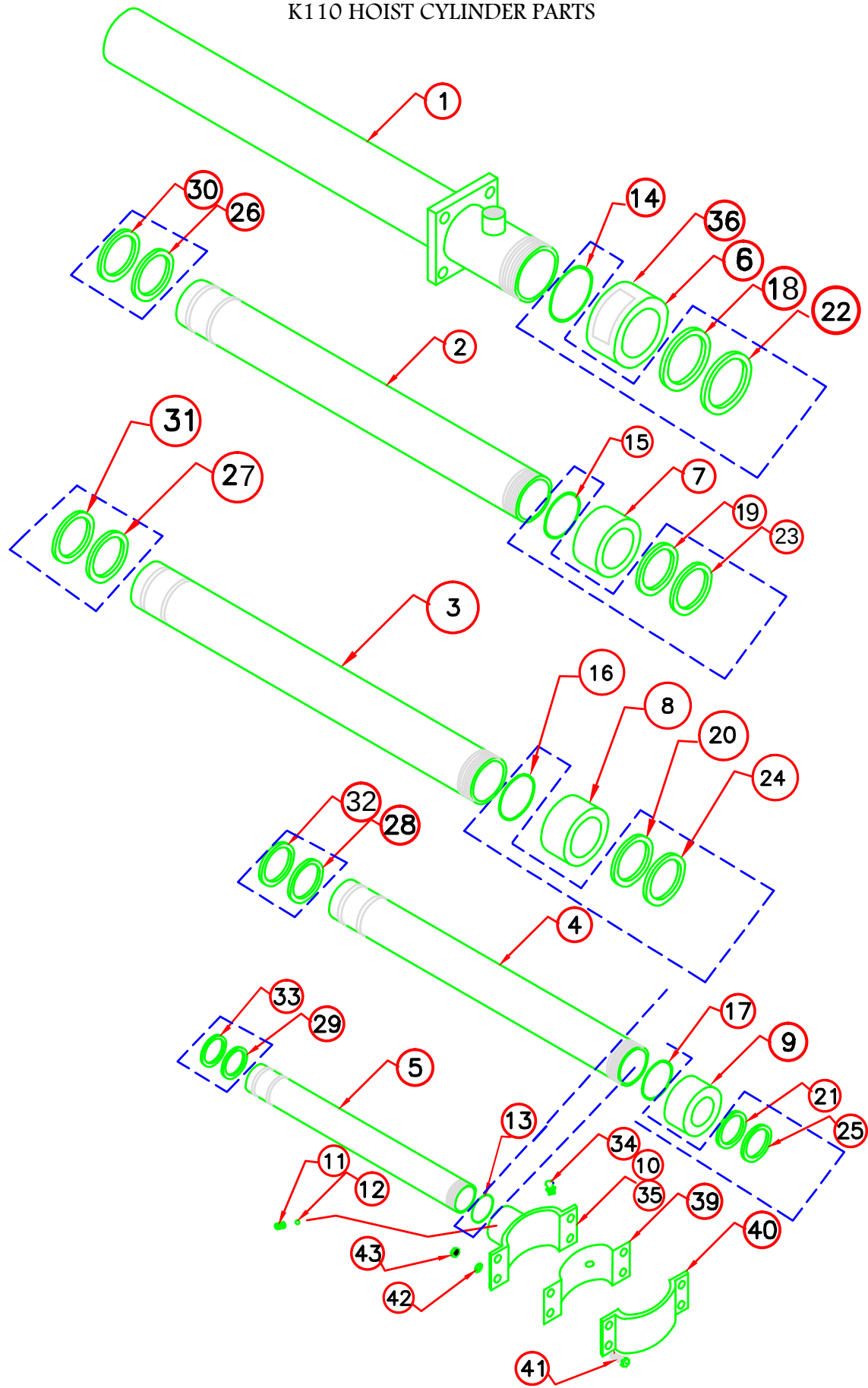
SOME HOISTS MAY HAVE SELF TAPPING ZERKS IN VARIOUS LOCATIONS.



K110 HOIST HOSE ASSEMBLY

QTY	ITEM #	PART #	DESCRIPTION
1	10	103533	90 DEG ELBOW, #12 JIC(M) x #8 NPT(M)
1	9	103975	HOSE ASSY, 96"
1	8	100271	LOCK WASHER 3/8
2	7	100254	NUT, HX 3/8-16 UNC GR.5
2	6	103973	90 DEG ELBOW, #8 JIC(M) x #12 JIC(F)
1	5	103980	TEE, #12 JIC(F) SWVL x #12 JIC(M) x #12 JIC(M)
2	4	100563	EYE BOLT
1	3	20850	PIPE SUPPLY
2	2	103993	HOSE ASSY, 39"
2	1	100024	90 DEG STREET ELBOW

K110 HOIST CYLINDER PARTS



K110 HOIST CYLINDER PARTS LIST
PART # A12931

PARTS DEPT. - A1263

QTY	ITEM #	PART #	DESCRIPTION
4	43	100254	NUT, HX 3/8-16 UNC
4	42	100271	WASHER, LOCK 3/8
4	41	100240	SCREW, HEX HD CAP 3/8-16 UNC x 1-1/4 GR.5
1	40	10898	CYLINDER TOP MNT, FRMD
1	39	12915	BUSHING, BRASS
1	38	104055	PLUG, 3/4-16, SAE #8
1	37	100552	ADHESIVE SEALANT
1	36	101046	DECAL, MAX CYL PRESSURE 3100 PSI
1	35	101033	DECAL, BLEEDER SCREW
1	34	101953	GREASE FITTING, 1/4—28 SELF TAPPING
1	33	100566	WEAR RING, 2-1/2 OD x 1/2 LG
1	32	100576	WEAR RING, 3 OD x 1/2 LG
1	31	100567	WEAR RING, 3-1/2 OD x 1/2 LG
1	30	100562	WEAR RING, 4 OD X 1/2 LG
1	29	12942	STOP RING, 2-1/2 OD x 3/8 LG
1	28	12943	STOP RING, 3 OD x 3/8 LG
1	27	12944	STOP RING, 3-1/2 OD x 3/8 LG
1	26	12945	STOP RING, 4 OD x 3/8 LG
1	25	100383	WIPER RING, 2-3/8 ID—24
1	24	100384	WIPER RING, 2-7/8 ID—28
1	23	100385	WIPER RING, 3-3/8 ID—32
1	22	100386	WIPER RING, 3-7/8 ID—36
1	21	103579	SEAL, LOADED U-CUP POLYPAK, 2-3/8 ID
1	20	103580	SEAL, LOADED U-CUP POLYPAK, 2-7/8 ID
1	19	103582	SEAL, LOADED U-CUP POLYPAK, 3-3/8 ID
1	18	103583	SEAL, LOADED U-CUP POLYPAK, 3-7/8 ID
1	17	100191	O-RING, 2-3/4 ID x 1/8 CS—232
1	16	100192	O-RING, 3-1/4 ID x 1/8 CS—236
1	15	100193	O-RING, 3-3/4 ID x 1/8 CS—240
1	14	100194	O-RING, 4-1/4 ID x 1/8 CS—244
1	*13	100189	O-RING, 1-1/4 ID x 1/8 CS-224
1	12	100478	BLEEDER BALL
1	11	10900	BLEEDER SCREW
1	10	A11705	CYLINDER TOP MNT ASSY
1	9	19823	GLAND NUT, 3-1/2 OD (2-7/8 THRD)
1	8	19824	GLAND NUT, 4 OD (3-3/8 THRD)
1	7	19825	GLAND NUT, 4-1/2 OD (3-7/8 THRD)
1	6	19826	GLAND NUT, 5 OD (4-3/8 THRD)
1	5	12750	TUBE, CYLINDER, 2-3/8 OD x 19-1/2 LG
1	4	11726	TUBE, CYLINDER, 2-7/8 x 39-1/2 LG
1	3	11725	TUBE, CYLINDER, 3-3/8 OD x 37-1/2 LG
1	2	11724	TUBE, CYLINDER, 3-7/8 OD x 35-1/2 LG
1	1	A15884	CYLINDER BODY ASSY, K110,L120,M130
		A1263	CYLINDER ASSEMBLY (COMPLETE)

NOTE: *14,18,22—Sold as Seal Kit # A9116. NOT SOLD SEPARATELY. *26,30—Sold as Seal Kit # A9208. NOT SOLD SEPARATELY.
*15,19,23—Sold as Seal Kit #A9115. NOT SOLD SEPARATELY. *27,31—Sold as Seal Kit #A9207. NOT SOLD SEPARATELY.
*16,20,24—Sold as Seal Kit #A9114. NOT SOLD SEPARATELY. *28,32—Sold as Seal Kit #A9206. NOT SOLD SEPARATELY.
*13,17,21,25—Sold as Seal Kit #A9113. NOT SOLD SEPARATELY. *29,33—Sold as Seal Kit #A9217. NOT SOLD SEPARATELY.
**37,38—NOT SHOWN IN PICTORIAL

GLAND NUT (19826) SEAL KIT
PART # A9116

QTY	ITEM #	PART #	DESCRIPTION
1	5	100386	WIPER RING, 3-7/8—36
1	4	103583	SEAL, LOADED U-CUP POLYPAK, 3-7/8 ID
1	3	100194	O-RING, 4-1/4 ID x 1/8 CS—244
1	2	100606	BACK-UP RING, 3 7/8 ID — 344
1	1	100162	O-RING, 3 7/8 ID —344

WEAR & STOP RING SEAL KIT
PART # A9208

QTY	ITEM #	PART #	DESCRIPTION
1	2	12945	STOP RING, 4 OD
1	1	100562	WEAR RING, 4 OD

GLAND NUT (19825) SEAL KIT
PART # A9115

QTY	ITEM #	PART #	DESCRIPTION
1	6	100385	WIPER RING, 3-3/8 ID—32
1	5	103582	SEAL, LOADED U-CUP POLYPAK, 3-3/8 ID
1	4	100193	O-RING, 3-3/4 x 1/8 CS—240
1	3	*100191	O-RING, 2-3/4 ID x 1/8 CS—232 (SEE NOTE)
1	2	100605	BACK-UP RING, 3-7/8 —340
1	1	100160	O-RING, 3-7/8 x 1/8

NOTE: *1—USED ON L125 TOP MNT ASSY ONLY

WEAR & STOP RING SEAL KIT
PART# A9207

QTY	ITEM #	PART #	DESCRIPTION
1	2	12944	STOP RING, 3-1/2 OD
1	1	100567	WEAR RING, 3-1/2 OD

GLAND NUT (19824,11152) SEAL KIT
PART # A9114

QTY	ITEM #	PART #	DESCRIPTION
1	7	100604	BACK-UP RING, 2 7/8 - 336 W/HOLE
1	6	103580	SEAL, LOADED U-CUP POLYPAK, 2-7/8 ID
1	5	100384	WIPER RING, 2-7/8 ID - 28
1	4	100158	O-RING, 3-1/4 - 336
1	*3 (G70 ONLY)	101344	O-RING, 3-3/8 ID x 1/8 CS—237
1	2	100192	O-RING, 3-1/4 ID x 1/8CS—236
1	*1	100338	O-RING, 2-3/8 ID x 1/8 CS—229 (SEE NOTE)

NOTE: *3—USED ON G70 ONLY

*1—USED ON J100 & N140 TOP MNT ASSY ONLY.

WEAR & STOP RING SEAL KIT
PART# A9206

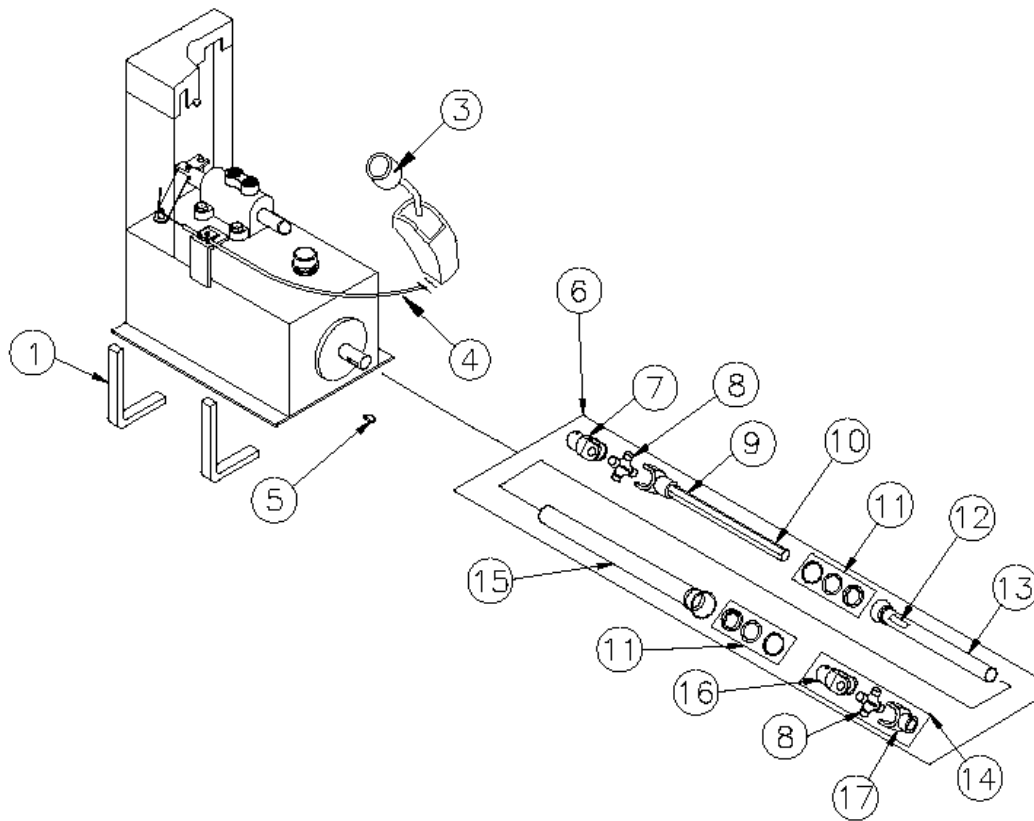
QTY	ITEM #	PART #	DESCRIPTION
1	2	12943	STOP RING, 3 OD
1	1	100576	WEAR RING, 3 OD

GLAND NUT (19823) SEAL KIT
PART # A9113

QTY	ITEM #	PART #	DESCRIPTION
1	5	100383	WIPER RING, 2-3/8 ID—28
1	3	103579	SEAL, LOADED U-CUP POLYPAK, 2-3/8 ID
1	2	100191	O-RING, 2-3/4 ID x 1/8 CS—232
1	1	100189	O-RING, 1-3/4 ID x 1/8 CS—224

WEAR & STOP RING SEAL KIT
PART# A9217

QTY	ITEM #	PART #	DESCRIPTION
1	2	12942	STOP RING, 2-1/2 OD
1	1	100566	WEAR RING, 2-1/2 OD



PTO SHAFT AND PUMP ACCESSORIES

ITEM #	PART #	QTY	DESCRIPTION	ITEM #	PART #	QTY	DESCRIPTION
1	10062	2	PUMP BRACKET	7	9802	1	YOKE,PUMP 1RND BORE
*2	103057	1	KIT, RVC BONNET	8	9788	2	CROSS & BEARING KIT
*3	103058	1	CABLE HEAD,CURVED HANDLE	9	9801	1	DECAL,DANGER (SHAFT)
	104071	1	CABLE HEAD,STRAIGHT HANDLE	10	A9840	1	YOKE & SHAFT ASSY
*4	103060	1	CABLE, 6' W/SHORT FITTING	11	9795	2	KIT, BEARING SHIELD
	103056	1	CABLE, 7' W/SHORT FITTING	12	9800	1	DECAL, DANGER OUTER SHIELD
	103061	1	CABLE, 8' W/SHORT FITTING	13	9793	1	SHIELD, OUTER
	103062	1	CABLE, 10' W/SHORT FITTING	14	102999	1	U-JOINT ASSY,1-1/8 HEX
	103075	1	CABLE, 12' W/SHORT FITTING	15	9794	1	SHIELD, INNER
	104072	1	CABLE, 15' W/SHORT FITTING	16	9797	1	YOKE,HEX BORE,1-1/8
5	4451	1	KEY,1/4x4/8 WOODRUFF	17	9799	1	YOKE, PTO 1-1/4 RND BORE
*6	102943	1	DRIVE SHAFT	*18	100896	1	DECAL, HOIST OPER-PTO PUMP

NOTE: *2—CONNECTION HARDWARE NOT SHOWN

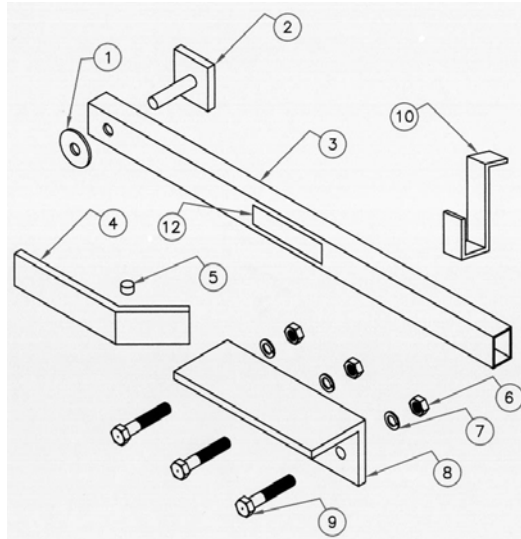
*3—UNIT IS SHIPPED WITH PART # 103058

*4—VARIOUS LENGTHS AVAILABLE.

*6—INCLUDES ITEMS 7 THROUGH 15.

*18—APPLY DECAL #100896 ON DASHBOARD AS NEAR AS POSSIBLE TO HOIST CONTROLS.
DECAL IS INCLUDED IN DECAL KIT #A9775.

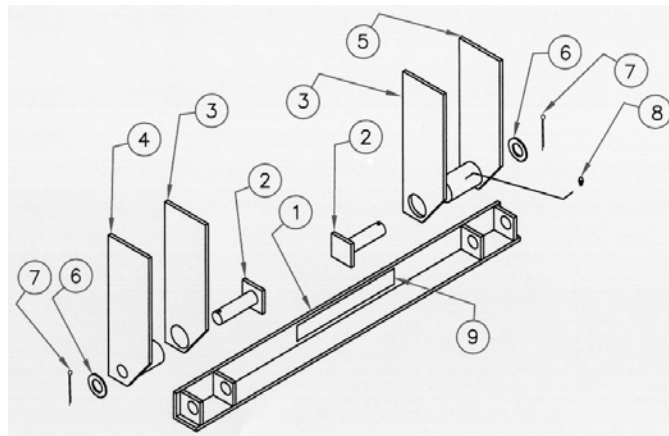
NEVER OPERATE PTO WITHOUT SHIELDS IN PLACE



K110 HOIST SAFETY PROP

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART#	QTY	DESCRIPTION
	A1387	1	SAFETY PROP ASSEMBLY	7	100272	3	WASHER, LOCK
1	101123	1	WASHER, FLAT	8	12251	1	BOTTOM ANGLE
2	A12245	1	PIN PLATE ASSEMBLY	9	100230	3	SCREW, HEX HD CAP
3	12243	1	SAFETY BOX PROP	10	12256	1	BRACKET, LATCHING
4	12249	1	SIDE PLATE	*11	101101	2	DECAL, BOX PROP (10 X 4 3/4)
5	12248	1	STOP PEG	12	101102	1	DECAL, BOX PROP (9 1/4 X 1 1/2)
6	100250	3	NUT, HEX				

NOTE: *11 – APPLY ON OUTSIDE OF RUB RAIL IN AREA OF THE SERVICE SAFETY PROP. ONE DACAL ON EACH SIDE OF BOX.



K110 HOIST TAIL HINGE PARTS LIST

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART#	QTY	DESCRIPTION
	A1281	1	TAIL HINGE ASSEMBLY	5	A10138-2	1	VERTICAL PLATE ASSY
1	A10141	1	TAIL HINGE ANGLE ASSY	6	101071	2	WASHER, FLAT
2	A10137	2	PIN ASSY	7	101076	2	COTTER PIN, 2 1/2 LG.
3	10139	2	VERTICAL PLATE	8	100037	2	GREASE ZERK
4	A10138-1	1	VERTICAL PLATE ASSY	9	100974	1	DECAL, TAIL HINGE

HOIST SHIPPING GROUP

OPTION	PUMP	DESCRIPTION	SCISSOR	SM PARTS	PTO SHAFT	TAIL- HINGE	BOX PROP	QTY
K110-00	~~	NO PUMP	A1710	A1788			A1387	2
K110-03	101271	8 PISTON-3W & 4W VALVES- HV 40QT TALL	A1710	A1909	A1837	A1281	A1387	2
		WMS# H98-7-6R-40 QT TALL						
K110-04	101269	8 PISTON-3W VALVE- HV 40 QT TALL	A1710	A1909	A1837	A1281	A1387	2
		WMS# F98-7-40H						
K110-08	102913	TANK & VALVE-3W VALVE- 40 QT TALL	A1710	A1909		A1281	A1387	2
		WMS# W15-7-40 QT TALL						
K110-09	102914	TANK & VALVE-3W & 4W VALVES- 40 QT TALL	A1710	A1909		A1281	A1387	2
		WMS#15-7-6R-40 QT TALL						
K110-10	102913	TANK & VALVE-3W VALVE- 40 QT TALL	A1710	A1909		A1281	A1387	2
	103054	PUMP, GP20-13 GPM, WILLIAMS						
K110-11	102914	TANK & VALVE-3W & 4W VALVES- 40 QT TALL	A1710	A1909		A1281	A1387	2
	103054	PUMP, GP20-13 GPM, WILLIAMS						
K110-20	~~	ENGLAND	A1711	A1561				

PUMP, 8P HV 3W & 4W VALVE,
WMS# H98-7-6R-40H QT 2416-7
PART # 101271

QTY	ITEM #	PART #	DESCRIPTION
1	15	9843	MANUAL, SAFETY/MAINTENANCE
1	14	103055	CONTROL CABLE
1	13	100182	CAP, BREATHER
1	12	4451	KEY, WOODRUFF, 1/4 x 7/8
1	11	9331	PRESSURE LINE
2	10	9661	PRESSURE LINE
2	9	9037	SEAL, SHAFT
1	8	101273	GASKET, VALVE (4-BOLT)
1	7	9036	GASKET, PUMP-RESERVOIR
1	6	9784	KIT, H98 PUMP
1	5	9786	KIT, H98R PUMP (REBUILT)
1	4	9844	VALVE, RELIEF (AUX)
2	3	9767	VALVE, RELIEF (SYSTEM)
1	2	101275	KIT, #6R VALVE, 4-WAY
1	1	101274	KIT, #7 VALVE, 3-WAY

PUMP, 8P HV 3W VALVE, WMS# H98-7-40H-2416-7
PART# 101269

QTY	ITEM #	PART #	DESCRIPTION
1	10	9843	MANUAL, SAFETY/MAINTENANCE
1	9	103055	CONTROL CABLE
1	8	100182	CAP, BREATHER
1	7	4451	KEY, WOODRUFF, 1/4 x 7/8
1	6	9331	PRESSURE LINE
2	5	9037	SEAL, SHAFT
1	4	101273	GASKET, VALVE (4-BOLT)
1	3	9036	GASKET, PUMP-RESERVOIR
1	2	9784	KIT, H98 PUMP
1	1	9786	KIT, H98R PUMP (REBUILT)
2	3	9767	VALVE, RELIEF (SYSTEM)
1	1	101274	KIT, #7 VALVE, 3-WAY

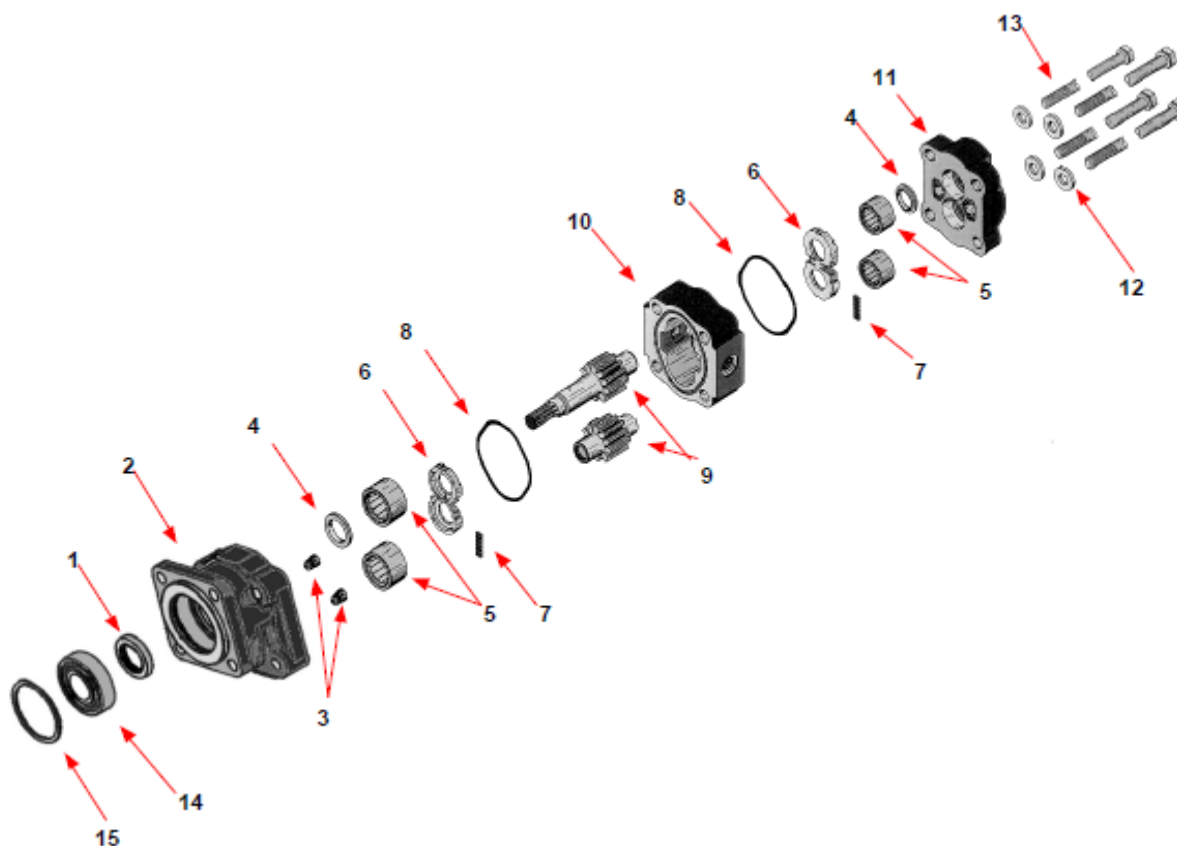
TANK & VALVE, 3W VALVE
WMS# 15-7-40H-2416-7
PART # 102913

QTY	ITEM #	PART #	DESCRIPTION
1	7	9843	MANUAL, SAFETY/MAINTENANCE
1	6	103055	CONTROL CABLE
1	5	100182	CAP, BREATHER
1	4	9842	SCREEN, INTAKE FILTER (W15)
2	3	101273	GASKET, VALVE (4-BOLT)
1	2	9767	VALVE, RELIEF (SYSTEM)
1	1	9847	KIT, #7WR VALVE, 3-WAY

TANK & VALVE, 3W & 4W VALVES
WMS# 15-7-6R-40H-2416-7
PART # 102914

QTY	ITEM #	PART #	DESCRIPTION
1	10	9843	MANUAL, SAFETY/MAINTENANCE
1	9	103055	CONTROL CABLE
1	8	100182	CAP, BREATHER
1	7	9842	SCREEN, INTAKE FILTER (W15)
1	6	9331	PRESSURE LINE
2	5	101273	GASKET, VALVE (4-BOLT)
1	4	9844	VALVE, RELIEF (AUX)
2	3	9767	VALVE, RELIEF (SYSTEM)
1	2	101275	KIT, #6R VALVE, 4-WAY
1	1	9847	KIT, #7WR VALVE, 3-WAY

PUMP, P20 ~ 13 GPM
PART # 103054



QTY	ITEM #	PART #	DESCRIPTION
1	15		*SPIRAL LOCK
1	14		*OUTBOARD BEARING
4	13		CAP SCREWS
4	12		WASHERS
1	11		PORT END COVER
1	10		GEAR HOUSING
1	9		GEAR SET
2	8		SECTION SEALS
2	7		POCKET SEAL STRIPS
2	6		THRUST PLATES
4	5		BEARINGS
2	4		RING SEALS
2	3		CHECKS
1	2		SHAFT END COVER
1	1		LIP SEAL

*NOT REQUIRED ON ALL UNITS

SEAL KIT, P20 PUMP
PART # A9558

QTY	ITEM #	PART #	DESCRIPTION
2	3	102464	SEAL, GASKET P20 PUMP
1	2	102463	SEAL, POCKET STRIP P20 PUMP
1	1	102462	SEAL, SHAFT P20 PUMP

