



RL~C20

PARTS LIST # 102688H

USE THIS PARTS LIST FOR:

Hoist Serial Number 14762 to _____

For older hoists use the following:
Parts List No. 102688E for Serial Number 4200 to 14761

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**

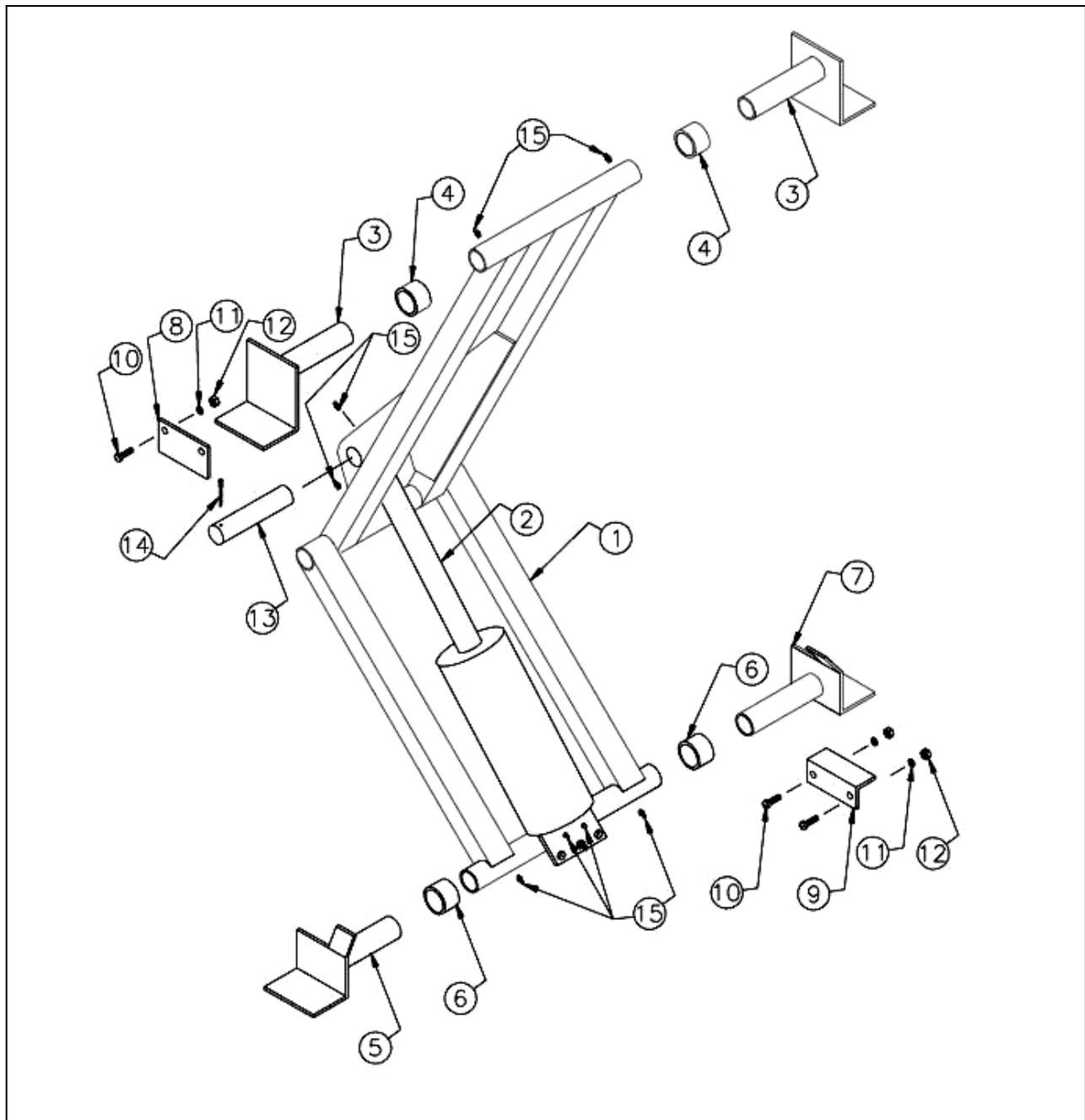
Harsh International, Inc.
600 Oak Avenue
Eaton, Colorado 80615

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

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

Price: \$2.50

UPDATED AUGUST 2020



C20 HOIST SCISSOR ASSEMBLY

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART #	QTY	DESCRIPTION
1	A15565	1	SCISSORASSEMBLY	9	10047	2	FRAME ATTACHMENT ANGLE
*2	A1693	1	CYLINDERASSEMBLY (COMPLETE)	10	100230	8	SCREW,HX HD CAP
3	A14314	2	UPPER MOUNT	11	100272	8	LOCKWASHER
4	14487	2	SPACER TUBE 2 5/8 OD	12	100250	8	NUT,HX
5	A15570	1	LOWER MOUNT	13	15564	1	CYLINDER MOUNT PIN
6	15573	2	SPACER TUBE 3 OD	14	101940	1	COTTER PIN
7	A15569	1	LOWER MOUNT	15	100037	8	GREASE ZERK (DRIVE IN)
8	10039	2	STRINGER PLATE	*16	A9775	1	DECAL KIT

NOTE: *2 - A1693 INCLUDES CYLINDER ASSY, BOLTS, LOCK WASHERS, NUTS, ZERKS AND SPACER.

*16 - A9775 INCLUDES ALL DECALS USED ON HOIST.

SOME HOISTS MAY HAVE SELF TAPPING ZERKS IN VARIOUS LOCATIONS.

CYLINDER ASSEMBLY
PART # A1693

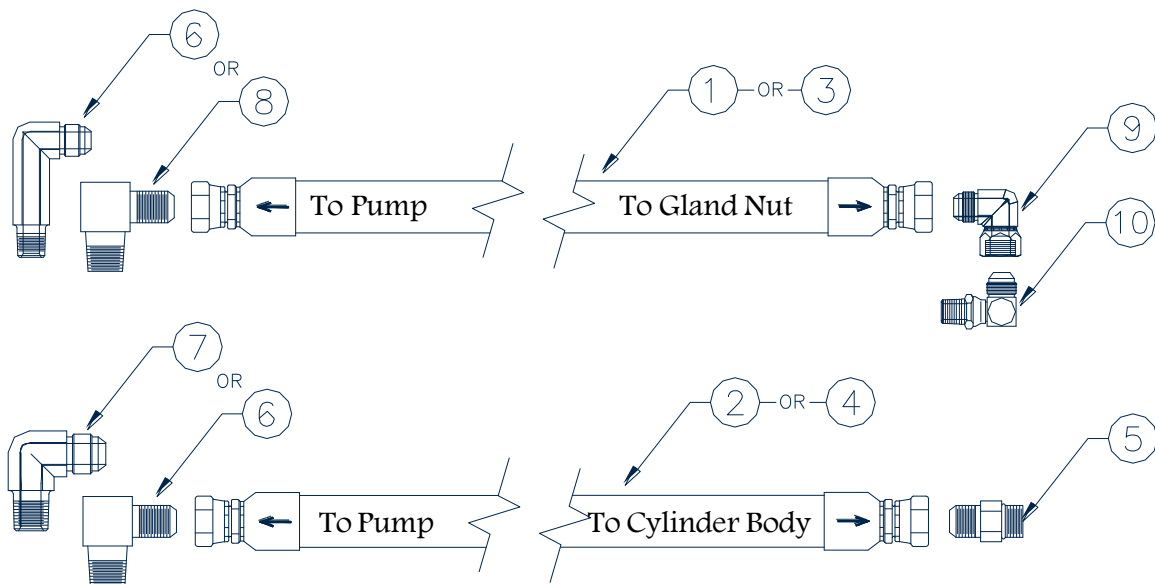
QTY	ITEM #	PART #	DESCRIPTION
3	6	100037	GREASE FITTING, DRIVE IN
3	5	102489	NUT, 7/16-14
3	4	100657	LOCK WASHER, 7/16
3	3	102488	HEX HEAD CAP SCREW, 7/16-14 x 4-1/2 LG, GR.8
1	2	15572	PLATE, CYLINDER MOUNT, SPACER, 3-1/8 WUDE
1	1	A15545	CYLINDER ASSY C20
**SEAL KIT A9498			

SEAL KIT # A9498
RL-B10 and RL-C20

QTY	ITEM #	PART #	DESCRIPTION
1	8	101423	WIPER RING, 1-3/4 ID—19
1	7	101934	SEAL, CROWN, 4-5/8 ID x 3/16 CS—350
1	6	101933	BACK-UP RING, 4-5/8 ID—350
1	5	101932	O-RING, 4-5/8 ID x 3/16 CS—350
1	4	101407	BACK-UP RING, 1-3/4 ID—327
1	3	101405	O-RING, 1-3/4 ID x 3/16 CS—327
1	2	101950	BACK-UP RING, 4-3/4 ID—248
1	1	101949	O-RING, 4-3/4 ID x 1/8 CS—248

DECAL KIT # A9775
RL-B10 and RL-C20

QTY	ITEM #	PART #	DESCRIPTION
1	7	101936	DECAL, MAX CYL PRESS 2500PSI
1	6	101117	DECAL, PUMP-PTO
1	5	101106	DECAL, HOIST OPERATION (ELEC PUMP)
1	4	101102	DECAL, BOX PROP
2	3	101101	DECAL, BOX PROP
1	2	100974	DECAL, TAIL HINGE
1	1	100896	DECAL, HOIST OPERATION (PTO PUMP)



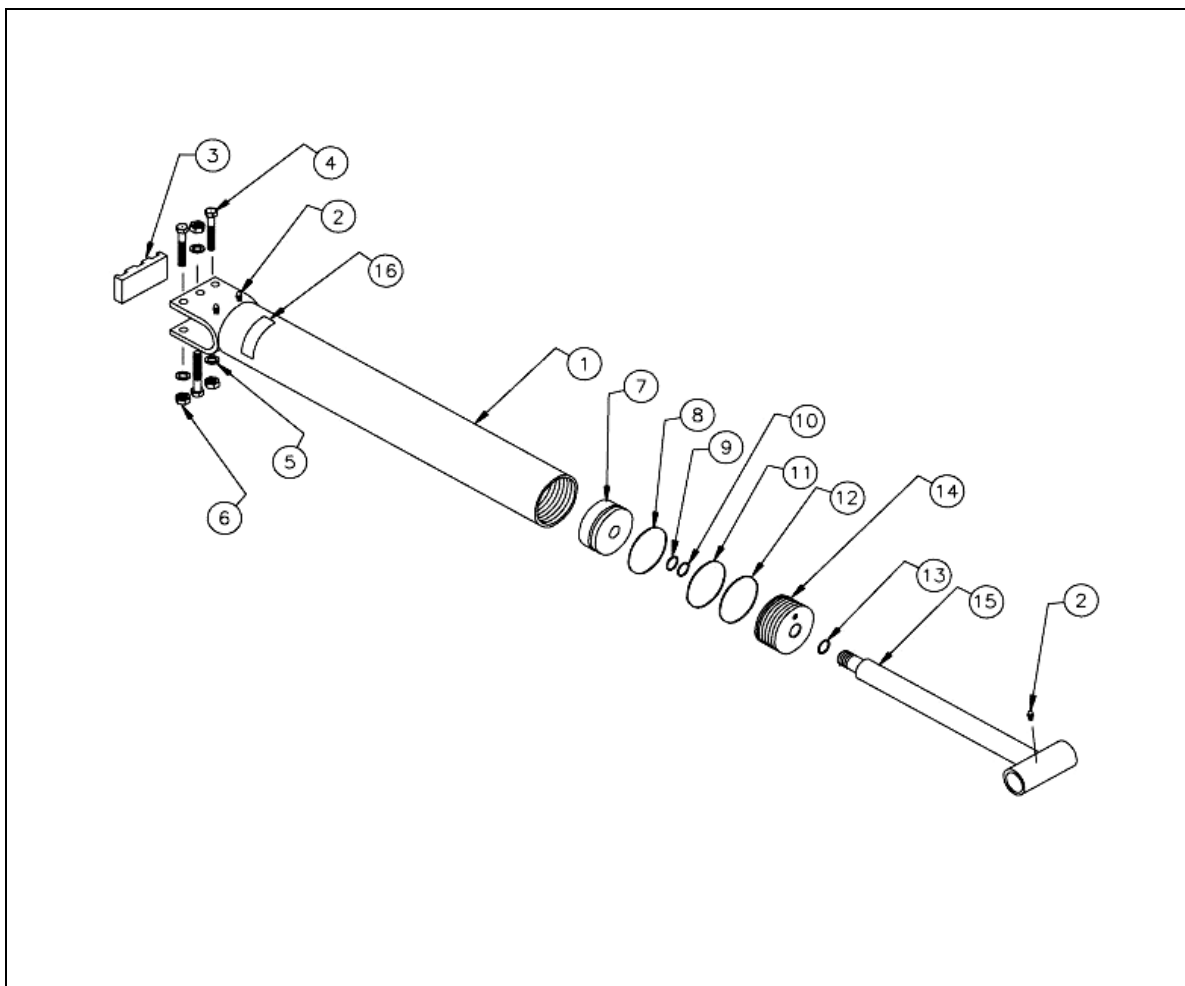
C20 HOIST HOSE ASSEMBLY

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART #	QTY	DESCRIPTION
*1	101640	1	HOSE ASSEMBLY 59" LG	*6	101244	2	ELBOW,90 DEG 3/8 NPT- #6 JIC
*2	101641	1	HOSE ASSEMBLY 39" LG	*7	101643	1	ELBOW,90 DEG 1/4 NPT- #6 JIC
*3	102238	1	HOSE ASSEMBLY 95" LG	*8	101966	1	ELBOW,90 DEG 1/4 NPT (LONG)
*4	102239	1	HOSE ASSEMBLY 75" LG	9	101937	1	ELBOW,90 DEG #6 JIC-#6 JIC
5	101644	1	ADAPTER #6 JIC-#6 SAE	*10	101642	1	ELBOW,90 DEG #6 JIC-#6 SAE

NOTE: * 1, 2 & 6 - USED ON WILLIAMS PUMP (102120) AND TANK & VALVE (102323)

* 3, 4, 7 & 8 - USED ON MONARCH ELECTRIC PUMP (103011)

*10 - IS INCLUDED WITH CYLINDER ASSY.



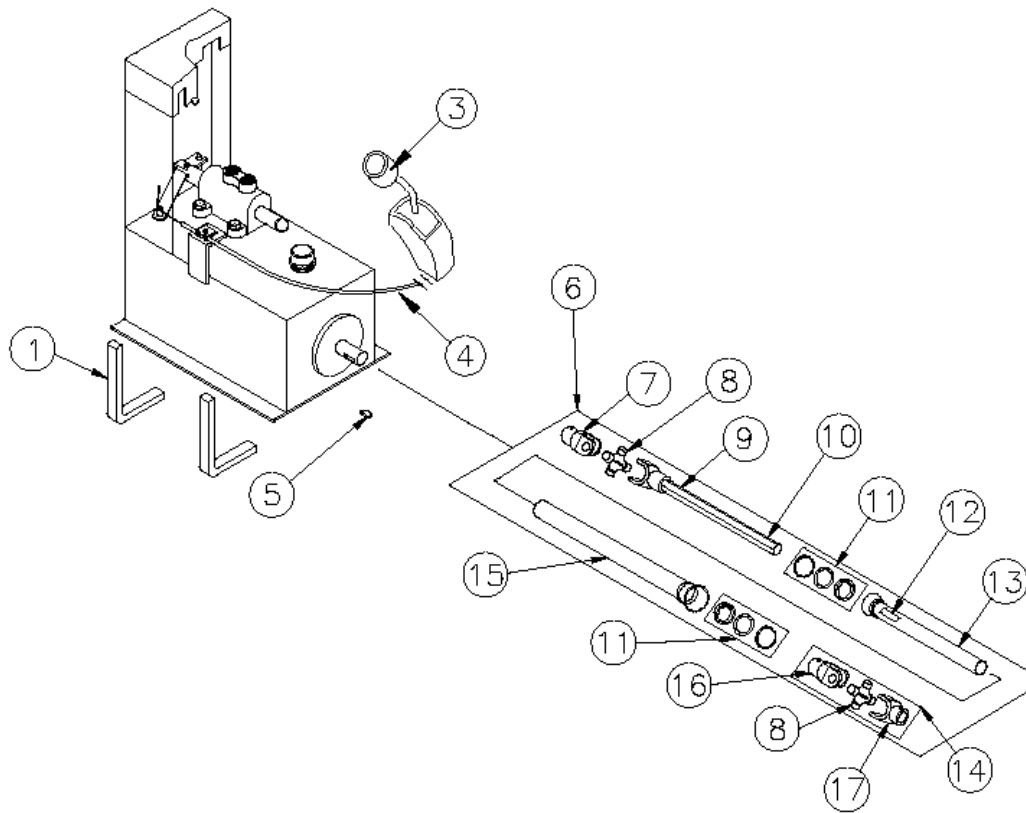
C20 HOIST CYLINDER PARTS LIST

ITEM	PART #	QTY	DESCRIPTION	ITEM	PART #	QTY	DESCRIPTION
*	A1693	1	CYLINDER ASSEMBLY (COMPLETE)	*8	101934	1	CROWN SEAL
1	A15546	1	CYLINDER BODY ASSEMBLY	*9	101405	1	O-RING
2	100037	3	GREASE ZERK (DRIVE IN)	*10	101407	1	BACK-UP RING
3	15572	1	CYLINDER MNT SPACER	*11	101949	1	O-RING
4	102488	3	SCREW, HX HD CAP	*12	101950	1	BACK-UP RING
5	100657	3	LOCKWASHER	*13	101423	1	WIPER RING
6	102489	3	NUT, HX	14	15543	1	GLAND NUT
7	15506	1	PISTON	15	A15548	1	CYLINDER ROD ASSEMBLY
	A9498	1	SEAL KIT	*16	101936	1	DECAL, MAX CYL PRESS 2500PSI

NOTE: *A1693 - INCLUDES CYLINDER ASSY, SCREWS, LOCK WASHERS, NUTS, ZERKS AND SPACER.

*8-13 - NOT SOLD SEPARATELY, SOLD AS SEAL KIT # A9498 ONLY.

*16 - INCLUDED IN DECAL KIT # A9775



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

NOTES: *2—CONNECTION HARDWARE NOT SHOWN

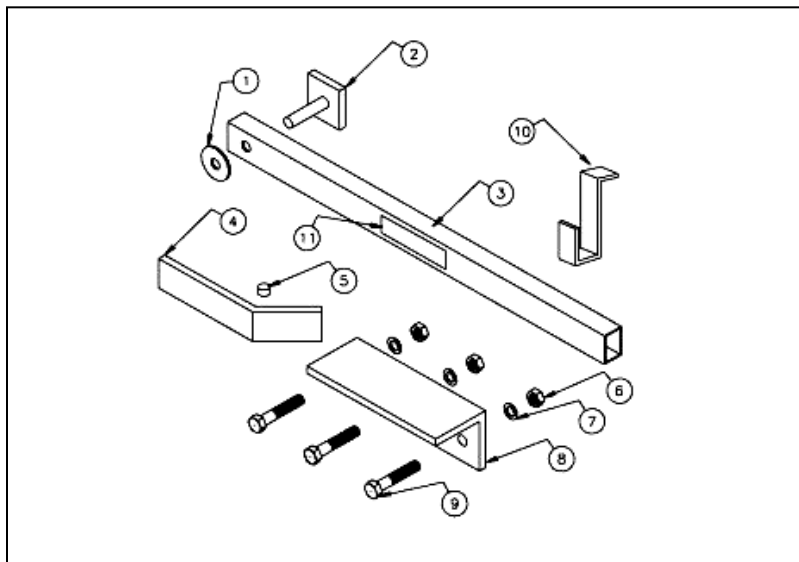
*3—UNIT IS SHIPPED WITH PART # 103058

*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

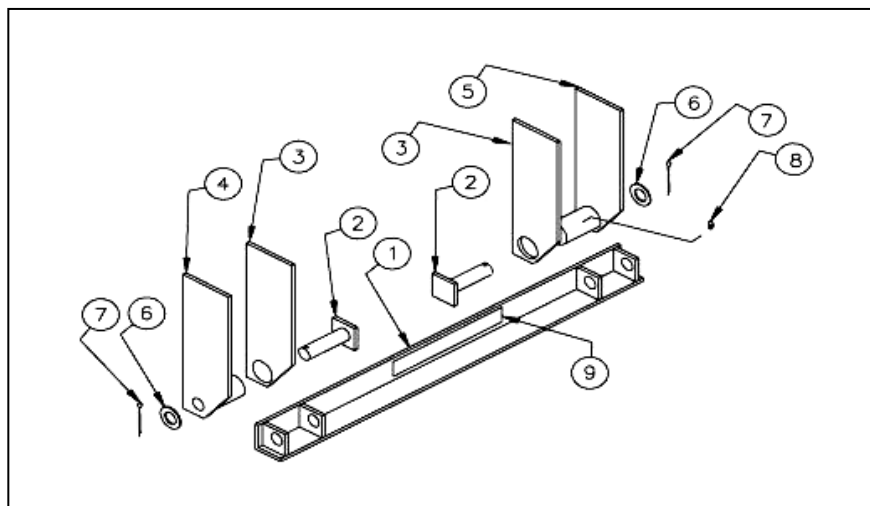


C20 HOIST SAFETY PROP PARTS LIST

ITEM	PART #	QTY	DESCRIPTION
	A1387	1	SAFETY PROP ASSEMBLY
1	101123	1	WASHER, FLAT
2	A12245	1	PIN PLATE ASSEMBLY
3	12243	1	SAFETY BOX PROP
4	12249	1	SIDE PLATE
5	12248	1	STOP PEG
6	100250	3	NUT

ITEM	PART #	QTY	DESCRIPTION
7	100272	3	LOCKWASHER
8	12251	1	BOTTOM ANGLE
9	100230	3	SCREW, HEX HD CAP
10	12256	1	BRACKET, LATCHING
*11	101101	2	DECAL, BOX PROP (10 x 4 3/4)
12	101102	1	DECAL, BOX PROP (9 1/4 x 1 1/2)

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



C20 HOIST TAIL HINGE PARTS LIST

ITEM	PART #	QTY	DESCRIPTION
	A1282	1	TAIL HINGE ASSEMBLY
1	A10170	1	TAIL HINGE ANGLE ASSY
2	A10164	2	PIN ASSY
3	10165	2	VERTICAL PLATE
4	A10167-1	1	VERTICAL PLATE ASSY

ITEM	PART #	QTY	DESCRIPTION
5	A10167-2	1	VERTICAL PLATE ASSY
6	101123	2	WASHER, FLAT
7	101077	2	COTTER PIN, 2" LG.
8	100037	2	GREASE ZERK
9	100974	1	DECAL, TAIL HINGE

HOIST SHIPPING GROUP

OPTION	PUMP	DESCRIPTION	SCISSOR	SM PARTS	PTO SHAFT	TAILHINGE	BOX PROP	QTY
C20-00	~~~~	NO PUMP	A1692	A1814			A1387	1
C20-04	103011	12 VOLT DC MONARCH # M-3551-0107	A1692	A1740		A1282	A1387	1
C20-05	10	4 PISTON-4W VALVE-12 QT WMS#40- -12 QT	A1692	A1741	A1837	A1282	A1387	1
C20-08	102323	TANK & VALVE-9QT WMS #M8CR-9 QT	A1692	A1741		A1282	A1387	1
C20-10	102323	TANK & VALVE-9QT 10 P20 PUMP 8 GPM	A1692	A1741		A1282	A1387	1
C20-20	~~~~	ENGLAND	A1765	~~~~				
C20-22	~~~~	ENGLAND UPSIDE- DOWN MOUNT	A1835	~~~~				
	A19069	HOIST SUB-FRAME						1

MONARCH ELECTRIC PUMP PART # 103011

QTY	ITEM #	PART #	DESCRIPTION
1	46	9983	VENT PLUG
1	37	9859	PUMP MNT BRACKET
1	30	9858	RELIEF VALVE PARTS KIT
1	1	9857	CONTROL BOX ASSY
1	25	9856	POPPET ASSY, FLOW CONTRIL
1	22	4437	SWITCH, SOLENOID
1	45	9988	RESERVOIR, 6 OD x 12 LG, POLY
1	31	9853	MOTOR, ELEC PUMP
1	15 & 18	07164-D	COIL, 10 VDC
1	19	9851	VALVE, 2-WAY
1	16	9850	VALVE, 4-WAY
1	23	9849	PUMP ASSY. ELECTRIC, 2500 PSI

