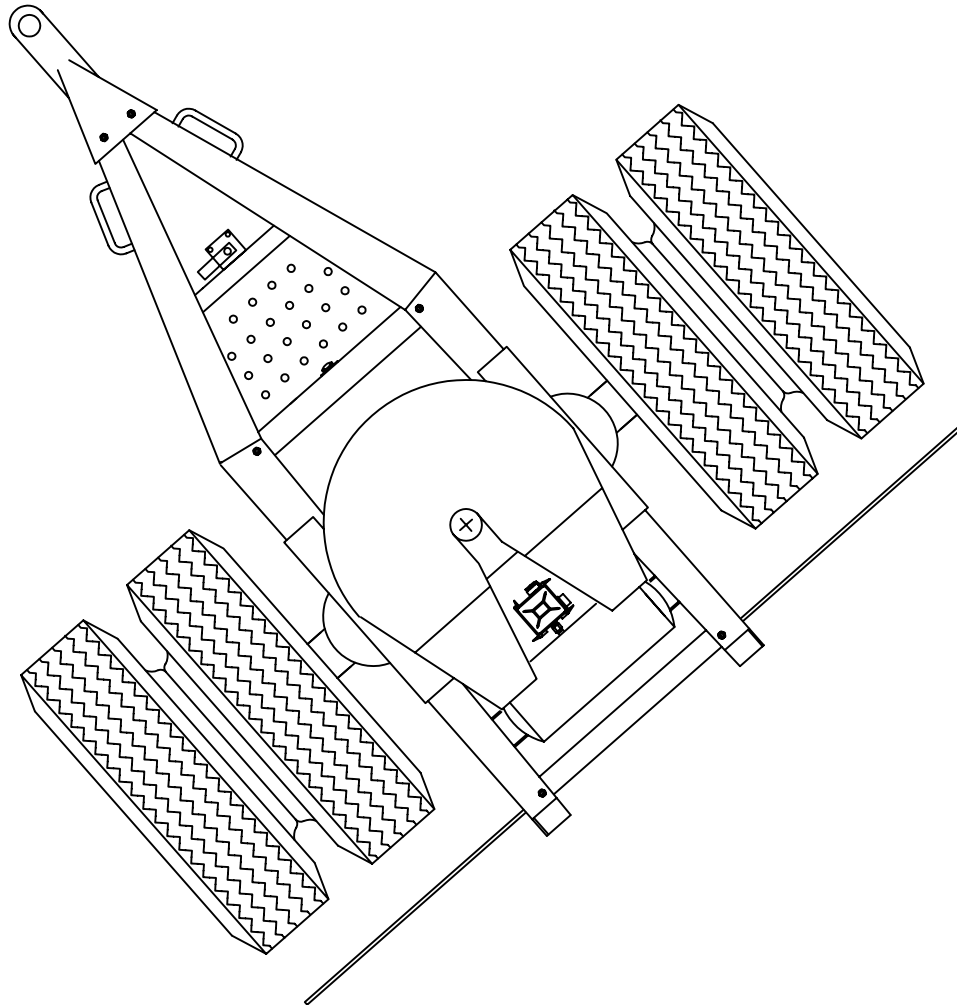
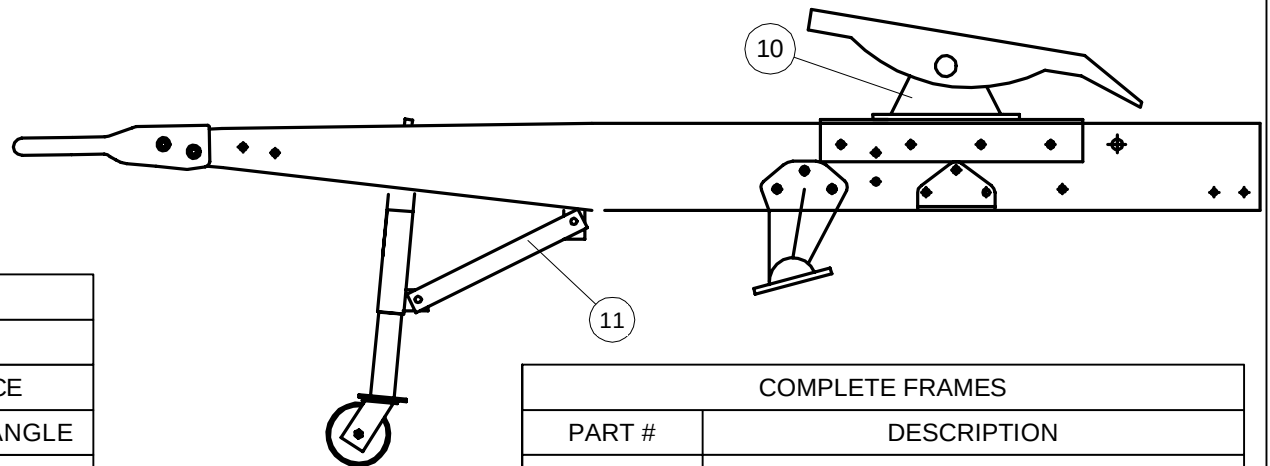
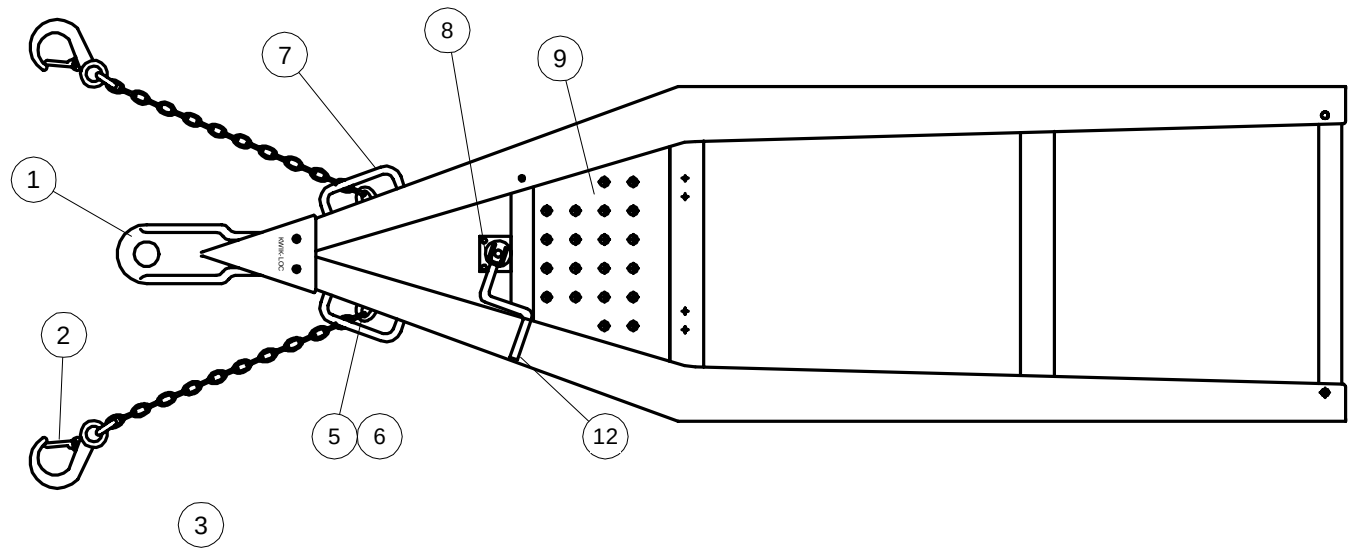

KWIK LOC



CONVERTER DOLLIE PARTS MANUAL



ITEM	QTY.	PART NO.	DESCRIPTION
12	1	658392	CRANK HANDLE
11	2	660940	CRANK LEG, BRACE
10	2	659876	5TH WHEEL FOOT W/ANGLE
9	1	659898	BASKET
8	1	661100	CRANK LEG
7	2	650017	LIFT HANDLE
6	2	616217	U-BOLT BACK UP PLATE
5	2	537317	U-BOLT
4	1	615861	CHAIN KIT, INC 2)3, 2)5, 2)6
3	2	615860	1/2" CHAIN, WITH 5/8" HOOK
2	2	615858	LATCH KIT
1	1	302727	EYE, 74" DRAWBAR

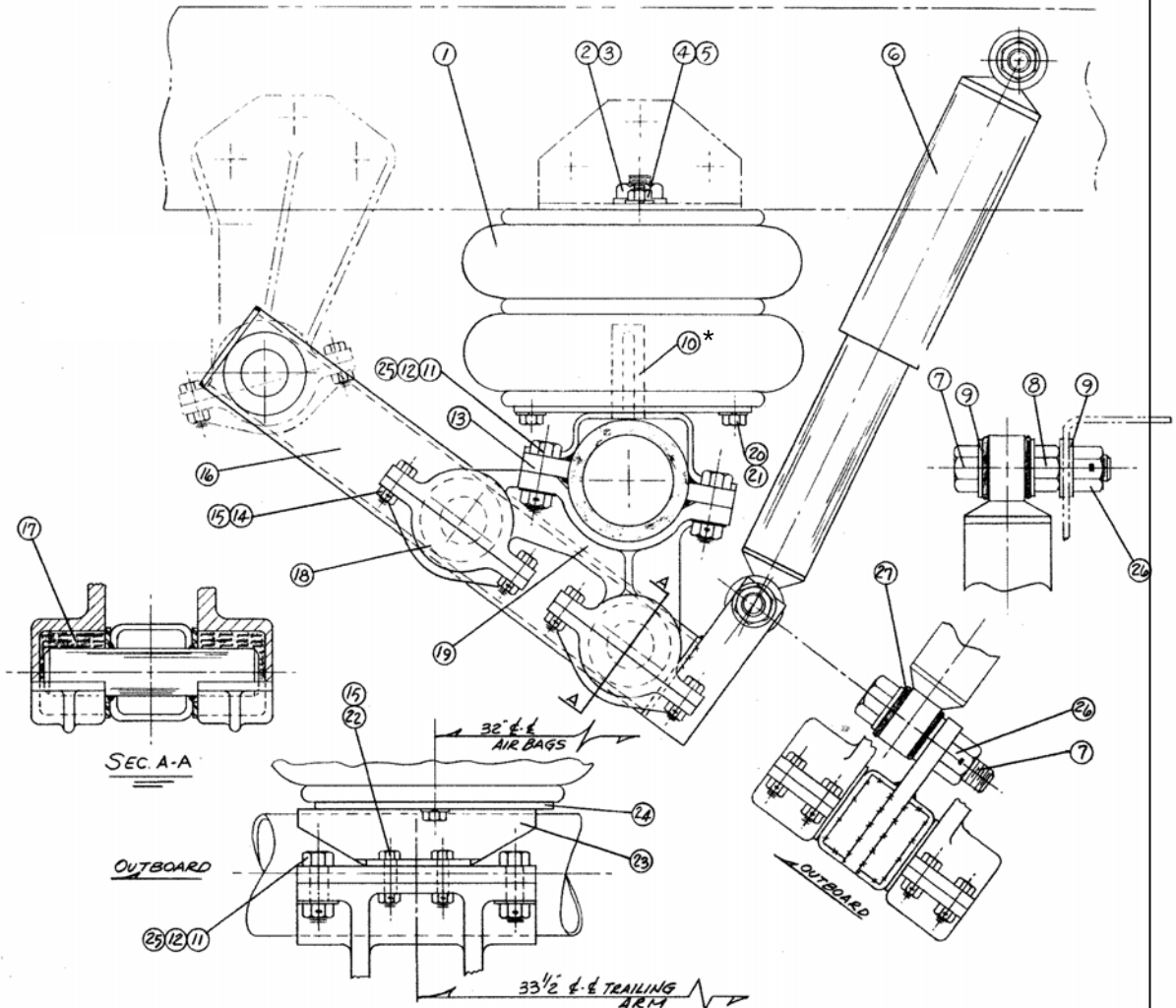
COMPLETE FRAMES	
PART #	DESCRIPTION
662705	BASIC FRAME, LESS HANGERS & CHAINS

FRAME OVERVIEW		
KWIK LOC		
DATE	DWG NO	REV
10/19/2004	662705	A
SCALE	VTM4400	SHEET
1 : 1		1 OF 1

1

ITEM	QTY.	PART NO.	DESCRIPTION
1	2	536717	AIR BAG
2	2	83400-03	3/4 LOCK WASHER
3	2	83416-01	3/4-16 HEX NUT
4	2	81213-01	1/2 HEX NUT
5	2	81200-03	1/2 LOCK WASHER
6	2	522217	SHOCK ABSORBER
7	4	320017	BOLT, SHOCK
8	2	81008-01	1"-8 HEX NUT
9	12	81000-02	1" FLAT WASHER
10	1	527217	TAB, LEVELER VALVE *
11	8	87809-11	7/8-9 ALL STEEL LOCKNUT
12	8	87809-48	7/8-9 X 3 GR 8 BOLT
13	4	600427	WELD BAR
14	40	81213-28	1/2-13 X 1 3/4 BOLT GR8
15	56	81213-04	1/2 LOCKNUT, STOVER TYPE
16	2	600957	TRAILING ARM
17	12	657017	BUSHING
18	8	528817	CAP
19	2	605527	AXLE HANGER
20	4	83819-16	3/8-16 X 1 BOLT
21	4	83800-03	3/8 LOCK WASHER
22	8	81213-32	1/2-13 X 2 BOLT
23	2	600317	HAT SECTION
24	2	513617	RETAING PAD
25			NO LONGER USED
26	4	81008-04	1" LOCK NUT

* NOT USED ON THE
TAG AXLE DOLLIE

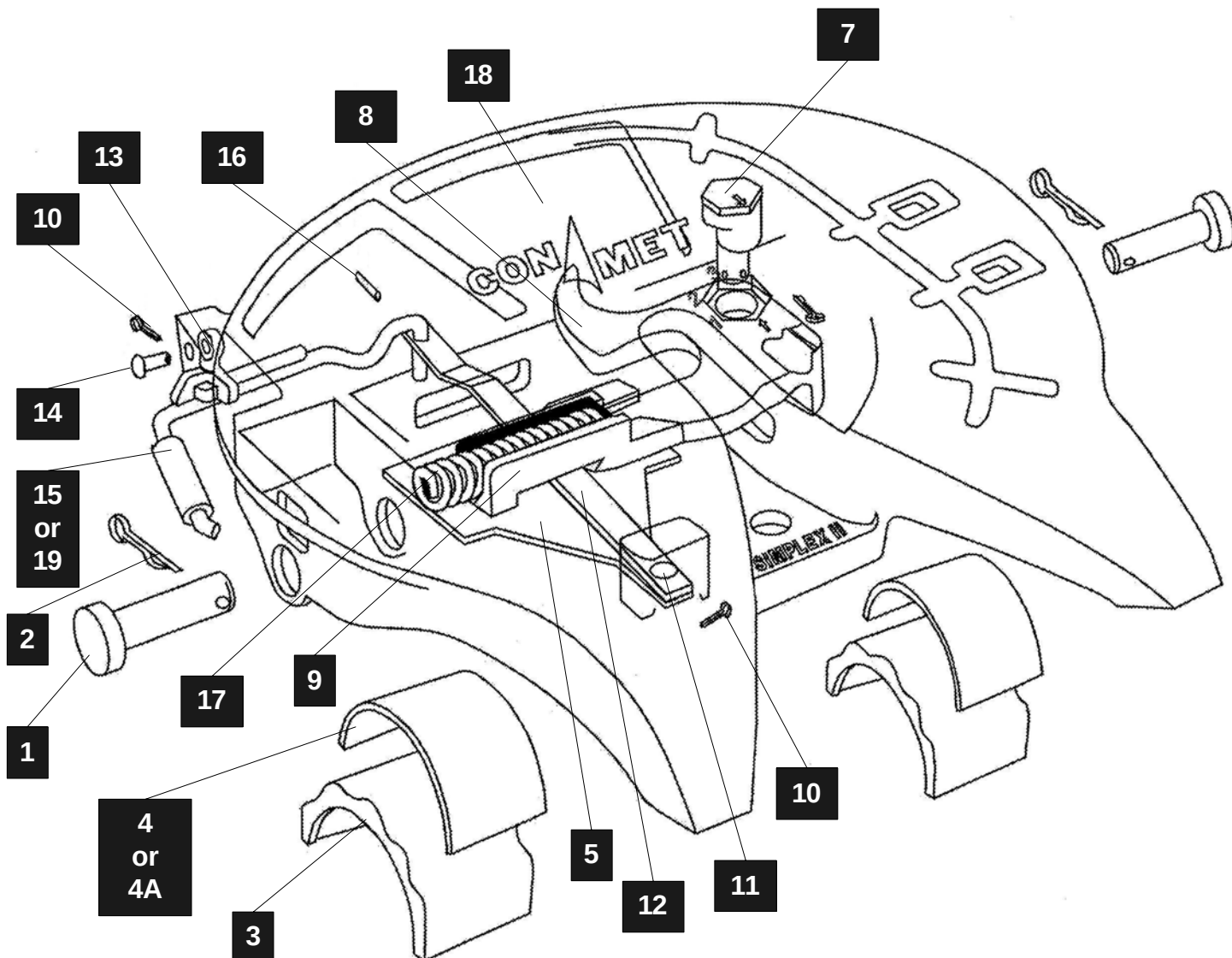


AIR SUSPENSION, 7000 SERIES

KWIK-LOC

2

SIZE	FSCM NO	DWG NO	REV
		601157	
SCALE	1 : 1	SHEET	1 OF 1

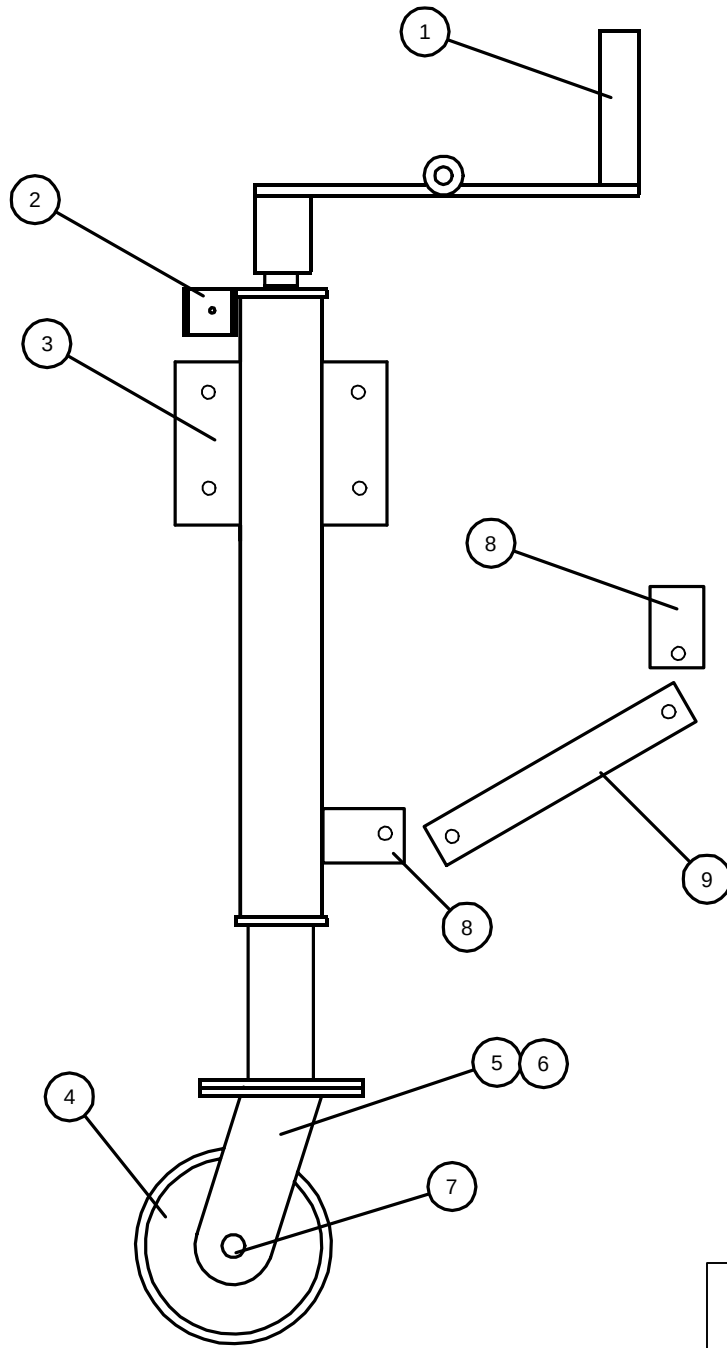


Item	Description	ConMet Part No.	KL Part No.	Item	Description	ConMet Part No.	KL Part No.
1	Bracket Pins	5400705	658440	10	Cotter Pin	84261	659464
2	Clinch Pins for Bracket Pins	9900169	659462	11*	Lever Bar Pin	5400766	659465
3	Brkt Shoe (2 Req'd)	4100328	659942	12*	Lever Bar	4100712	659466
4	Brkt Pad Simplex (2 Req'd)	4100329	659503	13	Safety Latch	4101250	658439
4A	Brkt Pad Pre 1989 (2 Req'd)	41-1-00707	659454	14	Safety Latch Pin	5400711	659473
5*	Cover Plate	4100767	4100767	15	Operating Rod Kit - SII	4000509	659897
6*	Clinch Pin for Jaw Pin	9900170	659447	16*	Slotted Spring Pin	9900181	9900181
7*	Jaw Pin	4109916	659475	17*	Lock Spring	1200706	659474
8*	Jaw	4109935	659463	18	Top Plate Assy. - LITE	104102700	660322
9*	Lock	4109931	659476	19	Operating Rod Kit - LITE	4100382	659899

Simplex Rebuild Kits		
Kit Description	Items Incl.	Part No.
Jaw Rebuild Kit	6, 7, 8	4000501
Lock Kit	5, 9-12, 17	4000572
* Items sold in kits		

3

SIMPLEX, 5TH WHEEL ASSEMBLY			
KWIKLOC			
PUB	2004	DWG NO 660322	REV 1
YEAR	SUBJECT TO CHANGE		PAGE 1



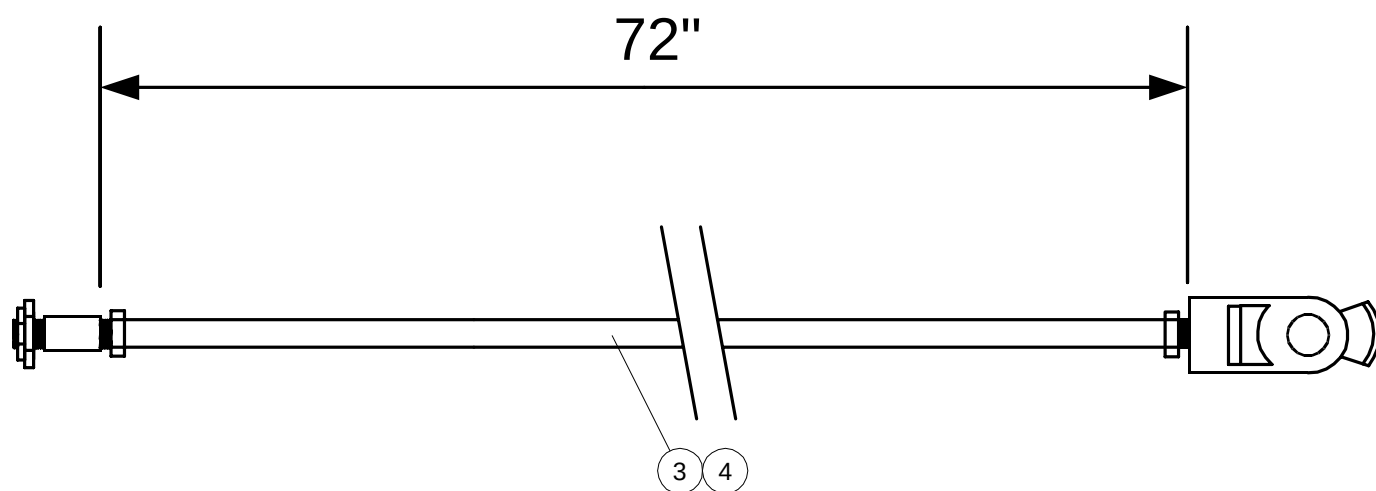
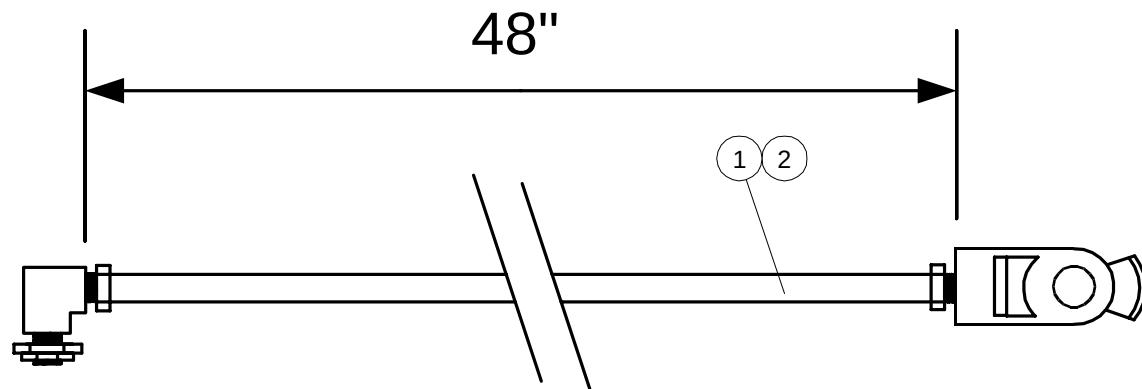
4

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	658392	CRANK HANDLE
2	1	660978	RETAINER CLIP, HANDLE
3	1	661100	CRANK LEG, COMPLETE, W/CASTOR
4	1	658371	6" POLY ON STL. WHEEL W/BUSHING
5	1	658362	6" CASTOR ASSM.
6	1	658370	6" CASTOR FORK ONLY
7	1	659531	AXLE & NUT
8	4	659616	TAB
9	2	660940	BRACE
10	4	85811-28	5/8" - 11 X 1-3/4" HHCS
11	4	85811-04	5/8" - 11 FLANGE LOCK NUT

CRANK LEG ASSMBLY

KWIK LOC CORP.

SIZE	FSCM NO	DWG NO	REV
		661100	
SCALE	1 : 1	SHEET	1 OF 1



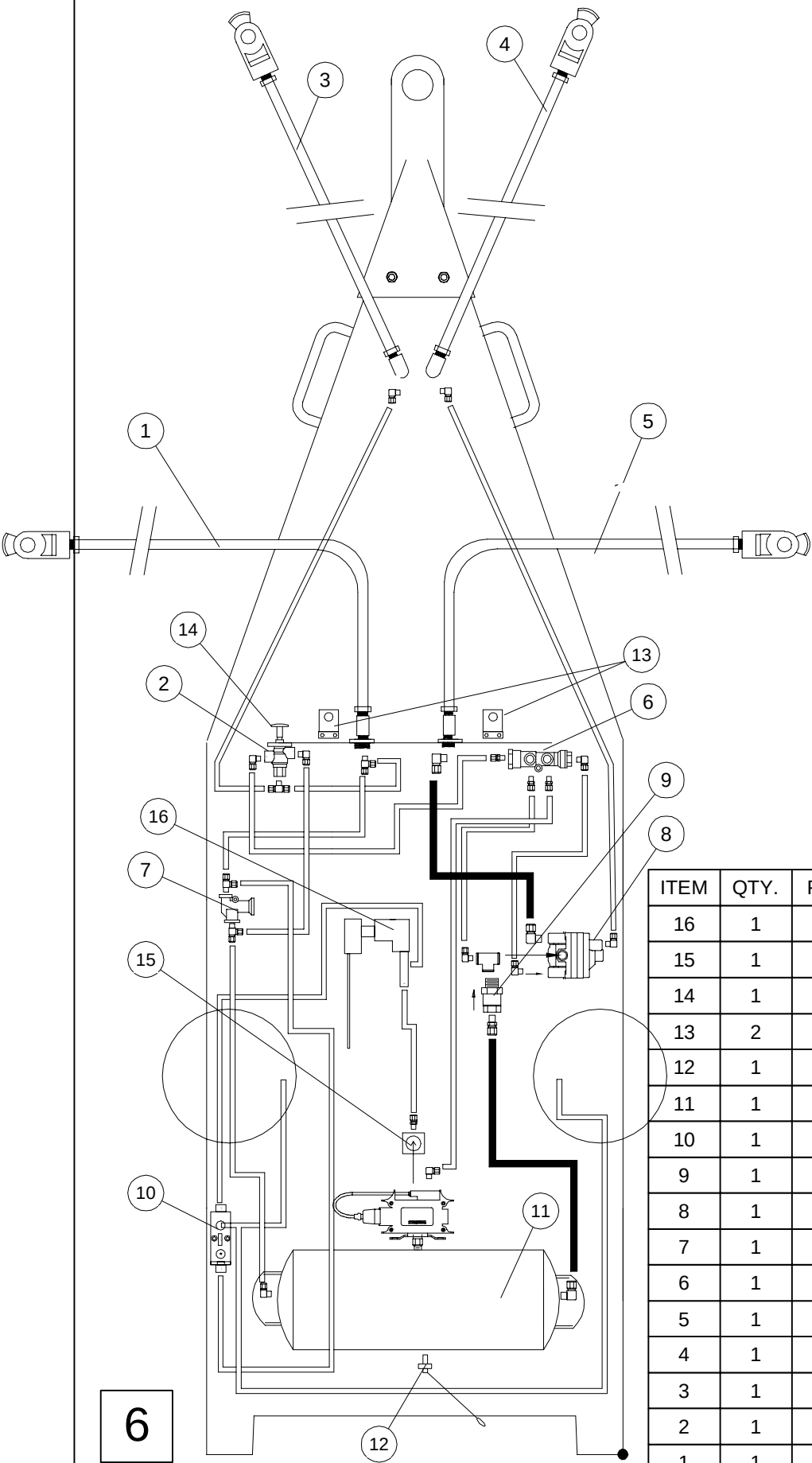
5

ITEM	QTY.	PART NO.	DESCRIPTION
4	1	660105	EMERG. HOSE ASSM 72"
3	1	660104	SERVICE HOSE ASSM 72"
2	1	660109	EMERG. HOSE ASSM FWD 48"
1	1	660108	SERVICE HOSE ASSM FWD 48"

HOSE ASSEMBLIES.

KWIK LOC

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	G30016	SHEET 1 OF 1

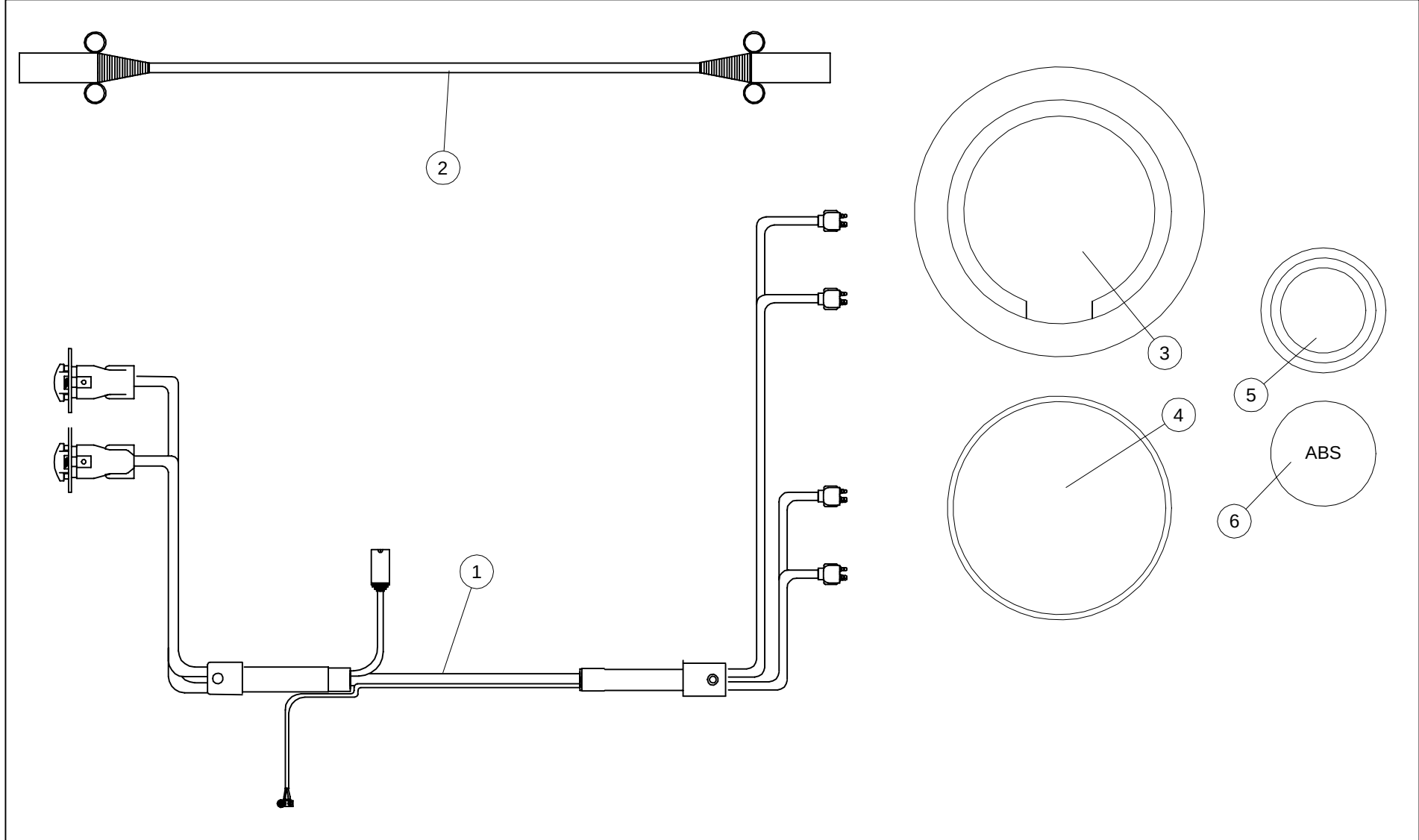


PLUMBING

KWIK LOC

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	G30017	SHEET
1 OF 1			

ITEM	QTY.	PART NO.	DESCRIPTION
16	1	662401	HEIGHT CTL VLV
15	1	662402	PROTECTION VLV
14	1	509211	KNOB KIT, B.R.V.
13	2	658359	DUMMY GLADHAND
12	1	473900	DRAIN VALVE
11	1	606517	AIR TANK, BOTTOM DRAIN
10	1	660112	ECU ASSM. ABS
9	1	660010	CHECK VALVE
8	1	660158	CONTROL LINE VALVE
7	1	660009	PROTECTION VALVE
6	1	659990	EMR. CONTROL VALVE
5	1	660104	HOSE ASSM. 72" SERV.
4	1	660108	HOSE ASSM 48" SERV.
3	1	660109	HOSE ASSM. 48" EMR
2	1	509217	BRAKE RELEASE VALVE
1	1	660105	HOSE ASSM. 72" EMR



6	1	660132	LAMP, ABS, YELLOW
5	1	660134	GROMMET
4	4	611317	LAMP, SUPER 40
3	4	612117	GROMMET, SUPER 40
2	2	590160	LIGHT CORD, 12' COILED
1	1	660120	WIRING HARNESS

8

WIRING HARNESS			
KWIK LOC			
SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	G30020	SHEET 1 OF 1

NUTS AND BOLTS

PLEASE SPECIFY GRADE (GR5 OR GR8)

	¾" L	1"L	1 ¼"L	1 ½"L	1 ¾"L	2"L	2 ¼"L	2 ½"L	2 ¾"L	
¼-20	81420-12	81420-16	81420-20	81420-24	81420-28	81420-32	81420-36	81420-40		¼-20
5/16-18	851618-12	851618-16	851618-20	851618-24	851618-28	851618-32	851618-36	851618-40		5/16-18
3/8-16	83816-12	83816-16	83816-20	83816-24	83816-28	83816-32	83816-36	83816-40	83816-44	3/8-16
½-13		81213-16	81213-20	81213-24	81213-28	81213-32	81213-36	81213-40	81213-44	½-13
½-20										½-20
5/8-11			85811-20	85811-24	85811-28	85811-32	85811-36	85811-40	85811-44	5/8-11
¾-10				83410-24	83410-28	83410-32	83410-36	83410-40	83410-44	¾-10
¾-16										¾-16
7/8-9					8789-28					7/8-9
1-8								818-40		1-8

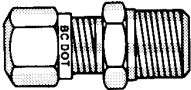
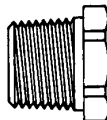
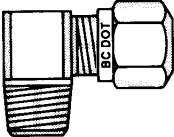
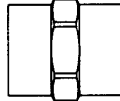
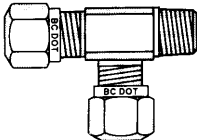
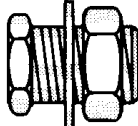
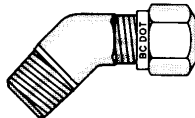
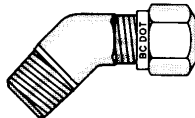
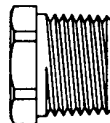
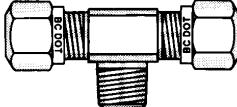
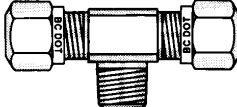
	3 ½"L	4 ½"	5"	HEX NUT	LOCK NUT	FLANGE LOCK NUT	SPLIT LOCK WASHER	SAE FLAT WASHER	
¼-20					81420-03			81400-02	¼-20
5/16-18		851618-72			851618-04			85160-02	5/16-18
3/8-16				83816-01	83816-04		83800-03	83800-02	3/8-16
½-13		81213-72		81213-01	81213-03		81200-03	81200-02	½-13
½-20							81200-03	81200-02	½-20
5/8-11					85811-03	85811-04		85800-02	5/8-11
¾-10						83410-04			¾-10
¾-16				83416-01					¾-16
7/8-9					87809-04				7/8-9
1-8	818-56		818-80	81008-01	81008-04			81000-02	1-8

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FASTENERS

KWIK LOC

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	SHEET	1 OF 1

TUBE SIZE			3/8"	1/2"	5/8"	REDUCER	SIZE	PART #
	N P T	1/4"	70014-686	70014-6884			3/8"-1/4"	70032-2064
		3/8"	70014-6866	70014-6868			70014-68106	1/2"-1/4"
		1/2"	70014-688	70014-6888	70014-6810	BUSHING	1/2"-3/8"	70032-2086
	N P T	1/2"	70014-688	70014-6888	70014-6810	COUPLER	3/4"-1/2"	70032-20128
		1/4"	70014-696	70014-6984			1/2"	70033-008
		3/8"	70014-6966	70014-698			70014-69106	3/4"
	N P T	1/2"	70014-6968	70014-6988	70014-6910	TERMINAL	SMALL	510017
		1/4"	70014-716				LARGE	508517
		3/8"	70014-71666					
	N P T					CLOSE	1/2"	70033-268
						NIPPLE	3/4"	70033-2612
			N P T	1/4"	70014-806	70014-8084		PLUG
3/8"	70014-8066			70014-808		1/4"		70031-524
1/2"				70014-8088		70014-8010	3/8"	70031-526
				1/2"		70031-528		
	N P T	3/4"					3/4"	70031-5212
		1/4"	70014-726	70014-72884		AIR FITTINGS		
	N P T	3/8"	70014-72666	70014-718		KWIK LOC		
					10	SIZE	FSCM NO	DWG NO
		SCALE	1 : 1	G30015	SHEET	1 OF 1		

USE THIS CHART FOR ZINC PLATED NUTS ONLY*

Size- Thread Per Inch	GRADE C LOCK NUT			GRADE G FLANGE LOCK NUT		
	Clamp Load (lb)	Assembly Torque		Clamp Load (lb)	Assembly Torque	
		Max	Min		Max	Min
1/4-20	2,850	10.4	7.1	2,850	12.5	8.3
5/16-18	4,700	15.8	10.8	4,700	20	12.9
3/8-16	6,950	28	20	6,950	32	21
7/16-14	9,600	43	31	9,600	51	34
1/2-13	12,800	62.5	45	12,800	85	55
9/16-12	16,400	95	70	16,400	120	80
5/8-11	20,300	122.5	90	20,300	143	95
3/4-10	30,100	210	155	30,100	240	160
7/8-9	41,600	312.5	225	-	-	-
1-8	54,600	462.5	360	-	-	-

THESE TORQUE-TENSION VALUES ARE GENERAL VALUES ONLY AND ARE BASED ON FASTENERS USED BY OR OBTAINED FROM KWIK LOC CORPORATION. FASTENERS OBTAINED FROM OTHER SOURCES MAY HAVE DIFFERENT TORQUE REQUIREMENTS PLEASE CONTACT THE THE DISTRIBUTOR OR MANUFACTURER FOR MORE INFORMATION. **IMPROPER INSTALLATION CAN LEAD TO CATASTROPHIC FAILURE OF FASTENERS.**

USE THIS CHART FOR CADMIUM PLATED NUTS ONLY*

Size- Thread Per Inch	GRADE C LOCK NUT			GRADE G FLANGE LOCK NUT		
	Clamp Load (lb)	Assembly Torque		Clamp Load (lb)	Assembly Torque	
		Max	Min		Max	Min
1/4-20	2,850	14.7	10	2,850	17.6	11.7
5/16-18	4,700	22.3	15.2	4,700	28.1	18.2
3/8-16	6,950	39	28	6,950	45	30
7/16-14	9,600	60	44	9,600	72	48
1/2-13	12,800	88	63	12,800	120	77
9/16-12	16,400	134	98	16,400	169	113
5/8-11	20,300	172	127	20,300	201	134
3/4-10	30,100	295	218	30,100	338	225
7/8-9	41,600	440	317	-	-	-
1-8	54,600	651	506	-	-	-

★ IF UNCERTAIN OF PLATING TYPE CONTACT THE DISTRIBUTER OR MANUFACTURER

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DATA OBTAINED FROM THE INDUSTRIAL FASTENER INSTITUTE
PUBLICATION IFI-101
ISSUED JAN 10, 1967
REVISED FEB. 1997

TORQUE VALUES

KWIK LOC

SIZE	FSCM NO	DWG NO	REV
SCALE	1 : 1	SHEET	1 OF 1