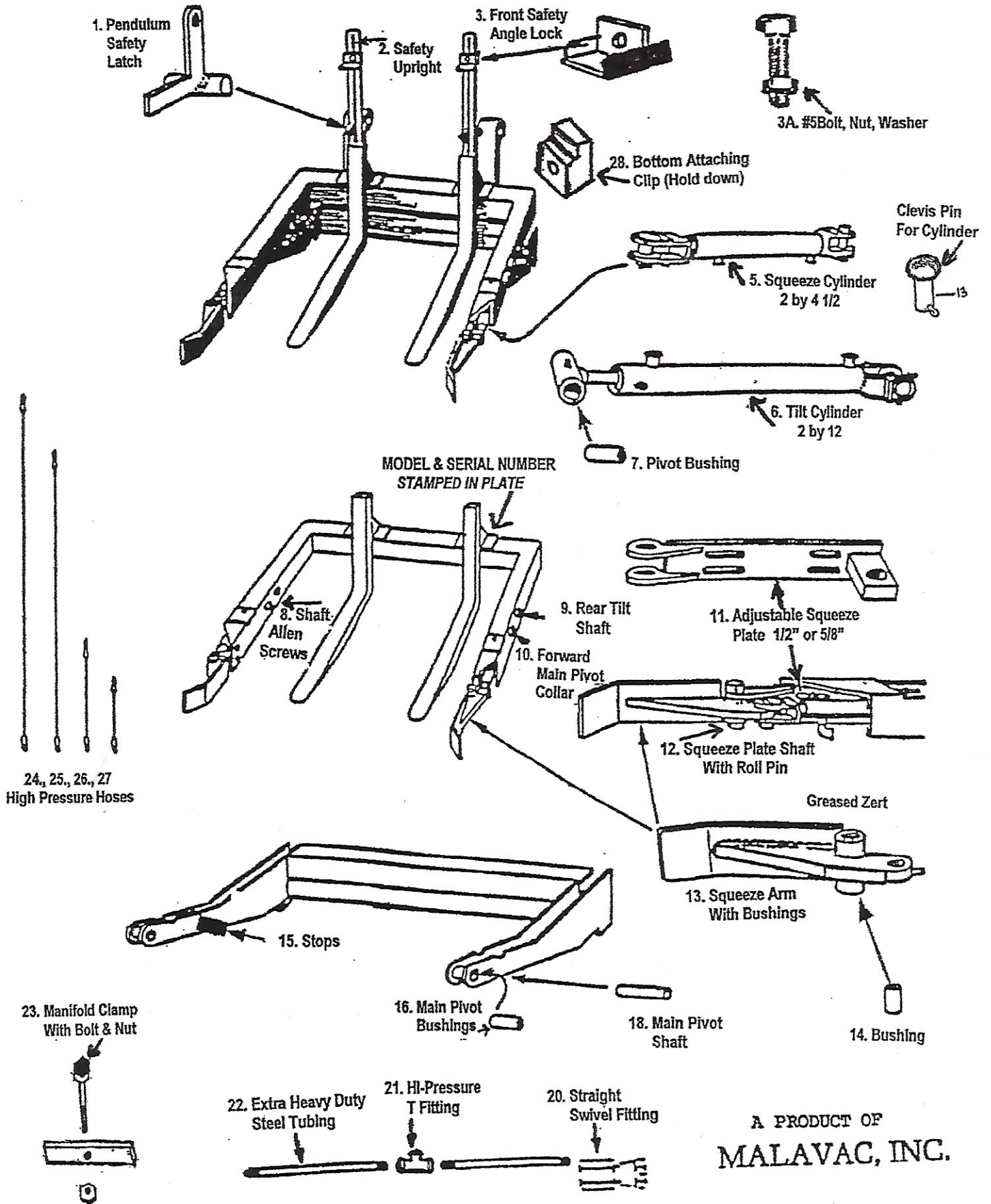


# Liftmaster DUMPER

## PARTS LIST



A PRODUCT OF  
MALAVAC, INC.

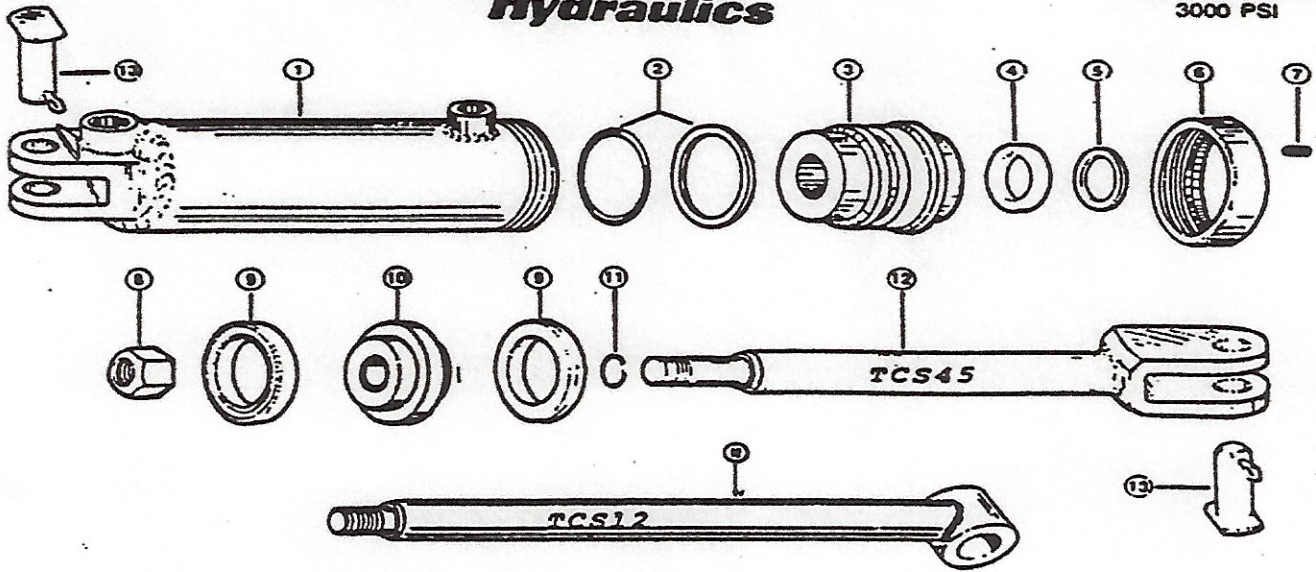
ITEM	PART NAME	DESCRIPTION	QTY
**	*****	<i>Please note: The model &amp; serial #'s are stamped into a steel pad on the top tube of the bin dumper next to the left fork.</i>	**
1	LM7303	PENDULUM SAFETY LATCH	2
2	LM7304(A)	SAFETY UPRIGHT 20"	2
	LM7304(B)	SAFETY UPRIGHT 36"	2
	LM7304(C)EHD	SAFETY UPRIGHT ½ x2"x36" extra heavy duty	2
3	LM7305(A)	FRONT SAFETY ANGLE LOCK (248/348) (Adjusts to Hold down	2
	LM7305(B)	FRONT SAFETY ANGLE LOCK (348H/448/548) top of Bin)	2
	LM7305(C)	CHERRY FRONT SAFETY ANGLE LOCK (holds short bins)	2
3A	½ x2-3/4	#5 BOLT NUT & WASHER ASSEMBLY (1/2 x 2-3/4)	2
3B	½ x 3-1/4	#5 Bolt Nut & Washer Assembly (1/2 x 3-1/4)	2
4A	LM ¼ GZT	GREASE ZERTS THREADED	4
4B	LM ¼ GZNT	GREASE ZERTS NON THREADED	2
5	LM2x4.5	2x4.5 SQUEEZE CYLINDER (parts for cyl. Pg. 6)	2
6	LM2x12	2x12 TILT CYLINDER (parts for cyl. Pg. 7)	2
7	LM307B	PIVOT BUSHINGS (CYL. HEAD SECTION)	4
8	LM7302	SHAFT ALLEN SCREWS (pivot pins)	4
9	LM7308S (A)	REAR TILT SHAFT (248/348)	2
	LM7308S (B)	REAR TILT SHAFT (448/548) w/woodruff key (½" difference	2
	LM7308S (C)	REAR TILT SHAFT COLLAR (248/348) between 448 & 548)	2
	LM7308S (D)	REAR TILT SHAFT COLLAR (448/548) w/slot for woodruff key	2
10	LM7309 (A)	FORWARD MAIN PIVOT COLLAR (248/348)	2
	LM7309 (B)	FORWARD MAIN PIVOT COLLAR (448/548)	2
11	LM7310HD ½"(R)	ADJ SQUEEZE MTG PLATE ½" R-SIDE (248/348)	1
	LM7310HD ½"(L)	ADJ SQUEEZE MTG PLATE ½" L-SIDE (248/348)	1
11A	LM7310HD 5/8"(R)	ADJ SQUEEZE MTG PLATE 5/8" R-SIDE (448/548)	1
	LM7310HD5/8"(L)	ADJ SQUEEZE MTG PLATE 5/8" L-SIDE (448/548)	1
11B	LM7310WHG (R)	<b>**448/548 Dumpers 2007 or newer machines - order w/hose guard</b> ADJ SQUEEZE MTG PLATE W/HOSE GUARD 5/8" (R-SIDE)	1
	LM7310WHG (L)	ADJ SQUEEZE MTG PLATE W/HOSE GUARD 5/8" (L-SIDE)	1
11C	LM7310SS (A)	SOCKET HEAD CAP SCREWS W/NUT & WASHER (248/348)	8
	LM7310SS (B)	SOCKET HEAD CAP SCREWS W/NUT & WASHER (448)	8
	LM7310SS (C)	SOCKET HEAD CAP SCREWS W/NUT & WASHER (548)	8

ITEM	PART NAME	DESCRIPTION	QTY
12	LM7311S	SQUEEZE PLATE SHAFT W/ROLL PIN	2
13	LM7312 (A) 3/8"	SQUEEZE ARM W/BUSHINGS 3/8" (248/348)	2
	LM7312 (B) 1/2"	SQUEEZE ARM W/BUSHINGS 1/2" (448/548)	2
	LM7312 (C)	SQUEEZE ARM W/BUSHINGS 3/8"x12" reinforced steel pad	2
14	LM7313B	BUSHINGS for SQUEEZE ARMS	4
15	LM7301	STOPS	4
16	LM7314B	MAIN PIVOT BUSHINGS	4
17	LM7315W	MACHINE WASHERS (448/548) for Tilt Cylinder Head	4
18	LM7315S (A)	MAIN PIVOT SHAFT (248/348)	2
	LM7315S (B)	MAIN PIVOT SHAFT (448)	2
	LM7315S (C)	MAIN PIVOT SHAFT (548)	2
19	LM7316H	MAIN PIVOT HOUSING (Model # Required)	2
20	3A02-04A04	STRAIGHT SWIVEL FITTING (tubing)	8
21	3709x4T (pc)	Solid HI-PRESSURE T FITTING (tubing & pilot check)	4-5
21A	GOUA-04A04 (pc)	ELBOW SWIVEL FITTING (tubing, pilot & sequence valve & cylinder)	10-20
22	1/4 x20 TE	EXTRA HEAVY STEEL TUBING	8
22A	1/4 x40 TE COM	TUBE ASSEMBLY COMPLETE	4
23	LM7316	MANIFOLD CLAMP W/BOLT & NUT	2
		<b>For Squeeze Cylinders: per hose (actual lengths may be a bit longer)</b>	
24	100R2x68	1/4 " HI-PRESSURE HOSE (68" Length)	2
25	100R2x63 1/2	1/4 " HI-PRESSURE HOSE (63 1/2 " Length)	2
24A	100R2x55	after 2005: 1/4 " HI-PRESSURE HOSE (55 1/2 " Length) spring held	2
25A	100R2x51 1/2	after 2005: 1/4 " HI-PRESSURE HOSE (51 1/2 " Length) spring held	2
KIT	SCHRK 2-2	<b>SQUEEZE CYLINDER HOSE RETROFIT KIT:</b> <b>Includes:</b> 2 - 100R 2x55 1/2", 1/4" Hose 2 - 100R 2x51 1/2", 1/4" Hose 1 - SEHR SPRING & EYE BOLT HOSE RETAINER ASSEMBLY	
		<b>For Tilt Cylinders: per hose</b>	
26	100R2x25	1/4 " HI-PRESSURE HOSE (25" Length)	2
27	100R2x16 1/2	1/4 " HI-PRESSURE HOSE (16 1/2 " Length)	2
	SEHR	SPRING & EYE BOLT HOSE RETAINER ASSEMBLY	
	100RHW	HOSE WRAP (for 51.5" & 55" hoses)	
	HOSE ZIPLOCKS	HOSE ZIPLOCKS	

ITEM	PART NAME	DESCRIPTION	QTY
28	BHC2 (CLASS 2)	BOTTOM ATTACHING CLIP w/Bolt & Washer (CL 2) <i>(lower</i>	2
28A	BHC3 (CLASS 3)	BOTTOM ATTACHING CLIP w/Bolt & Washer (CL 3) <i>hold downs)</i>	2
28B	BHC3RB	BOTTOM ATTACHING CLIP w/recessed bolt hole (CL 3)	2
	BHC&3H	HOLDER for Top & Bottom Clips	1
29	QBHC2 <i>replacement</i>	QUICK Bottom Attaching Clip <u>Specify right or left side (CI 2 only)</u>	2
29A	Q BHC2 complete	QUICK Bottom Attaching Clips <u>With Right &amp;Left side (CI 2 only)</u>	2
	QBC HOLDER	Quick Bottom Clip Holder <u>Specify right or left side</u>	2
30	THCL2/CL3	TOP HANGER Attaching Clip CL2 <u>(specify with or without STUD)</u> <u>(goes on class 2/class 3 hanger mount dumpers w/7/8" holes)</u>	2
31A	THSCS3	7/8-9-3" SOC. CAP SCREW W/NUT & WASHER (248/348)	4
31B	THSCS3 ½	7/8-9-3 ½" SOC. CAP SCREW W/NUT & WASHER (448/548)	4
32	DECAL SET	INCLUDES ALL DECALS	8
33	SAFETY DECAL SET	INCLUDES ONLY SAFETY DECALS	5
34	NSBA	NOISE & SHOCK BUMPER ASSEMBLY W/BOLT & NUT	2
37	1 ¼ x 4 x 46 FORKS	BIN DUMPER FORKS (PAIR)	1
	1 ½ x 4 x 46 FORKS	BIN DUMPER FORKS (PAIR)	1
	1 ¾ x 4 x 46 FORKS	BIN DUMPER FORKS (PAIR)	1

*Liftmaster*  
**DUMPER  
 Hydraulics**

TC Series Cylinder  
 3000 PSI



**HI-PERFORMANCE INTERNAL THREADED CYLINDERS  
 PARTS LIST FOR LR, IT, & TC CYLINDERS**

ITEM NO.	PART NAME	DESCRIPTION	QUANTITY
1	TC 2 C	TUBE	1
2	TC 2 O	HEAD O RING	1
3	TC 2 E, LC 2 E, IT 2 E	HEAD	1
4	TC 2 US	SHAFT PACKING	1
5	TC 2 RW	ROD WIPER	2 (for TC cylinder)
6	TC 2 EC	THREAD END CAP	1
7	TC 2 SC	SET SCREW	1
8	TC 2 N	PISTON LOCK NUT	1
9	TC 2 UP	PISTON PACKING (set)	2
10	TC 2 V	PISTON	1
11	TC 2 SO	SMALL O RING	1
12	TC 2 S	SHAFT	1
13	TC 2 P 2x12	CLEVIS PIN with Cotter Pin	1
13	TC2 P 2x4.5	CLEVIS PIN	2
	COTTER PIN	COTTER PIN	1 for ea. clevis pin

LR, IT, & TC 2x4.5 (Squeeze Cylinders)

\*\*\* LR: Lock Ring Cylinder, IT: Internal threaded Cylinder, TC: Threaded Cap Cylinder

ITEM	PART NAME	DESCRIPTION
1	TC 2 C 4.5 or LR2C 4.5 or IT2C 4.5	TUBE
2	TC 2 O (included in #14)	HEAD O RING
3	TC 2 E LC 2 E (for LR cylinder) IT 2 E	HEAD W/THREADED HOLE HEAD W/O THREADED HOLE HEAD W/INTERNAL THREADS
4	TC 2 US (included in #14)	SHAFT PACKING
5	TC 2 RW (included in #14)	ROD WIPER
6	TC 2 EC	THREAD END CAP
7	TC 2 SC (for threaded cap)	SET SCREW
8	TC 2 N	PISTON LOCK NUT
9	TC 2 UP (included in #14)	PISTON PACKING (SET)
10	TC 2V	PISTON
11	TC 2 SO (included in #14)	SMALL O RING
12	TC 2 S-4.5	SHAFT
13	TC 2 P (2x4.5) (oblong head) COTTER PIN	CLEVIS PIN COTTER PIN
14	HP2 SK (for lock ring & threaded cap cylinders)	SEAL KIT (contains item #s 2,4,5,9,11)
15	IT 2 SK (for internal threaded cylinders only)	SEAL KIT for IT CYL.
16	IT TPI (for 2009 and later internal threaded cylinders)	SEAL KIT 2009 & later IT CYL.
17	LR 2 A (for LR cylinder)	HEAD SET SCREW
18	LC 2 LR (for LR cylinder)	HEAD LOCK RING
19	TC 2 W (2 pcs.)	STEEL WASHER SET

**LR, IT, & TC 2x12 (Tilt Cylinders)**

\*\*\* LR: Lock Ring Cylinder, IT: Internal threaded Cylinder, TC: Threaded Cap Cylinder

ITEM	PART NAME	DESCRIPTION
1	TC2C-12; LR2C-12; IT2C-12	TUBE
2	TC 2 O (included in #14)	HEAD O RING
3	TC 2 E (with 2 holes) LC 2 E (for LR cylinder) (no holes) IT 2 E (for IT cylinder)	HEAD W/ THREADED HOLE HEAD W/O THREADED HOLE HEAD W/ INTERNAL THREADS
4	TC 2 US (included in #14)	SHAFT PACKING
5	TC 2 RW (included in #14)	ROD WIPER
6	TC 2 EC	THREAD END CAP
7	TC 2 SC (for threaded cap)	SET SCREW
8	TC 2 N	PISTON LOCK NUT
9	TC 2 UP (included in #14)	PISTON PACKING (SET)
10	TC 2 V	PISTON
11	TC 2 SO (included in #14)	SMALL O RING
12	TC 2 S-12	SHAFT
13	TC 2 P (2x12) (round head) COTTER PIN	CLEVIS PINS COTTER PIN
14	HP2 SK (for lock ring & threaded cap cylinders)	SEAL KIT (contains item #'s2,4,5,9,&11)
15	IT 2 SK (for internal threaded cylinders only)	SEAL KIT for IT CYL.
16	IT TPI (for 2009 and later internal threaded cylinders)	SEAL KIT 2009 & LATER IT CYL.
17	LR 2 A (for lock ring cylinder)	HEAD SET SCREW
18	LC 2 LR (for lock ring cylinder)	HEAD LOCK RING
19	TC 2 W (2 pcs.)	STEEL WASHER SET

<u>PART NAME</u>	<u>DESCRIPTION</u>
1SD12-P2-20S	SEQUENCE VALVE ATTACHMENT COMPLETE (for 1 Aux. Valve Operation)
CP 12510	SEQUENCE VALVE ATTACHMENT (single section), <b>SPECIFY: right OR left side</b> ***Includes cartridge and aluminum block only*** (Replaces 1S12-2)
CP 12510 W/H	SEQUENCE VALVE ATTACHMENT (single section) <b>with HOSES, SPECIFY: R or L SIDE</b> **cartridge, aluminum block, & hoses**
SVB	SEQUENCE VALVE BODY (aluminum block)
SVBA	SEQUENCE VALVE BRACKET ASSEMBLY w/nuts & bolts
SV SPRINGS	Sequence Valve Springs
SV 4	SEQUENCE VALVE SEAL KIT
SV 5 (new)	SEQUENCE VALVE SEAL KIT
LM6SVH	100R2 x ¼ SEQUENCE VALVE HOSE SET (4)18 ½" & (2) 8 ½" 100R2 x18 ½ SEQUENCE VALVE HOSE 100R2 x8 ½ SEQUENCE VALVE HOSE
GOUA-04A04	ELBOW SWIVEL FITTING
GOVC-0404	T SWIVEL FITTING
5/16 -18x2	BOLT & NUT ASSEMBLY
<b>*****PC = PILOT CHECK VALVE ONLY*****</b>	
CP400-BO2	PILOT CHECK VALVE <b>without the Hoses</b>
CP400-BO2 W/H	PILOT CHECK VALVE COMPLETE ASSEMBLY (w/ hoses & fittings)
(PC) LMPCH2	100R2 x1/4" PILOT CHECK HOSE SET (includes 10¼ & 18½ hoses)
PC HOSE	100R2 x10 ¾" PILOT CHECK HOSE 100R2 x18 ½" PILOT CHECK HOSE
(PC) LM1404-4	M/F Straight Swivel Fitting
(PC) LM5500-4	M/M Elbow
(PC) LM 5405-06-04	ELBOW M/JIC-M/P
(PC) LM 9100-04-06	STRAIGHT M/P-SWIVEL F/JIC
(PC) 3709x4T	HI PRESSURE T FITTING
<u>CP 12510 SEQUENCE VALVE</u>	<b>***PRESSURE SET***</b> 1600 PSI (left side) & 1300 PSI (right side)
	<u>CP 400-B02 PILOT CHECK VALVE</u>