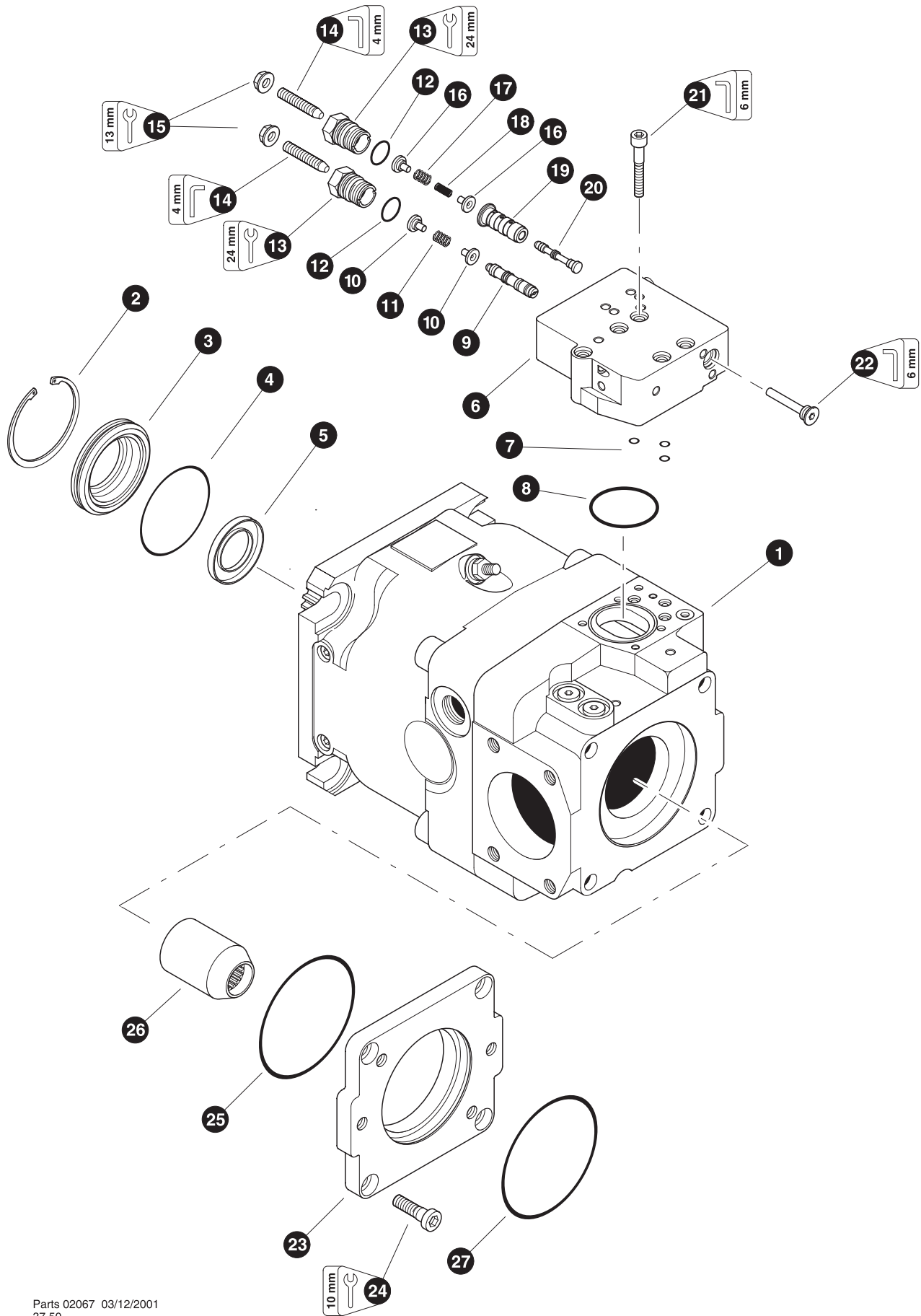


Section LH-1

Loader Hydraulics (K220/L90LS Valve) - Implement Pumps



Parts 02067 03/12/2001
37.50

IMPLEMENT PUMP (Rexroth 145cc)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	24505-LH	1	☐	PUMP, implement - Rexroth 145cc	
2	21546-LH	1		RING, seal retaining	
3	21547-LH	1		COVER, front	
4	21548-LH	1	⌘	O-RING, front cover	
5	18687-LH	1	⌘	SEAL, shaft	
6	18681-LH	1	☐	COMPENSATOR	
7	20809-LH	3	⌘	O-RING, quad	
8	20808-LH	1	⌘	O-RING, compensator	
9	NSS	1		SPOOL, POR pressure	
10	21551-LH	2		RETAINER, spring	
11	21552-LH	1		SPRING	
12	21553-LH	2	⌘	O-RING, compensator cap	
13	21554-LH	2		CAP, compensator	
14	20358-LH	2	⌘	NUT, seal	
15	21555-LH	2		SCREW, adjusting	
16	21558-LH	2		RETAINER, spring	
17	21556-LH	1		SPRING	
18	21557-LH	1		SPRING	
19	NSS	1		SLEEVE, spool	
20	NSS	1		SPOOL, stand-by pressure	
21	21559-LH	5		BOLT, allen head - 8mm x 50mm	
22	NSS	1		PLUG	
23	24424-LH	1	☐	KIT, FLANGE, thru drive v/o	
24	17608-LH	4		BOLT, allen head - 12mm-1.75P x 30mm	
25	17744-LH	1	⌘	O-RING, thru drive flange	
26	18843-LH	1		COUPLING, thru drive	
27	18844-LH	1		O-RING, thru drive cover	
--	18799-LH	1		KIT, seal repair (<i>Complete pump</i>)	

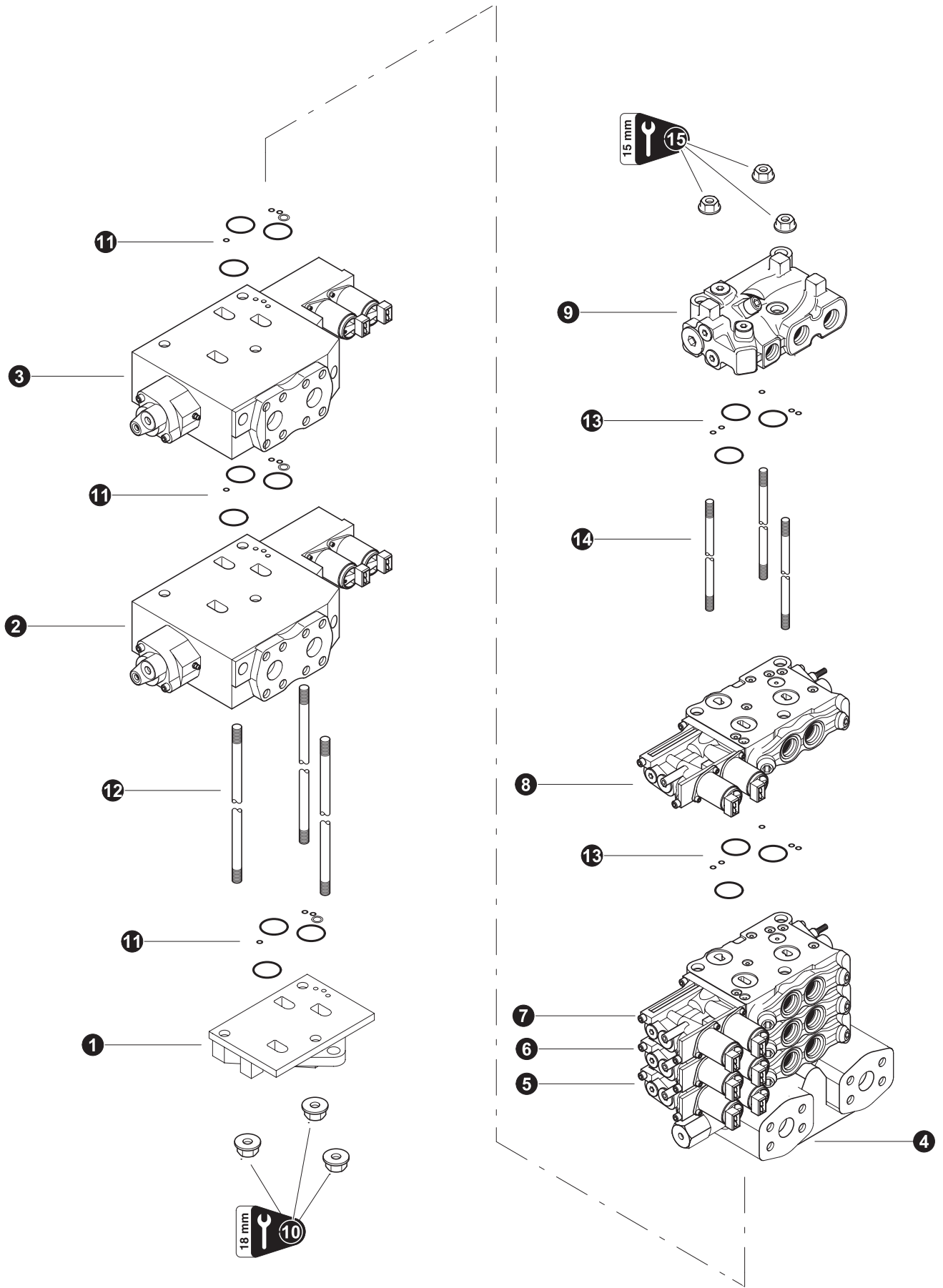
- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in seal repair kit, PN# 18799-LH.

Note:













Due to warranty policy restrictions imposed by component suppliers, it is not recommended that the component be disassembled further than is shown in the illustration.



Section LH-2

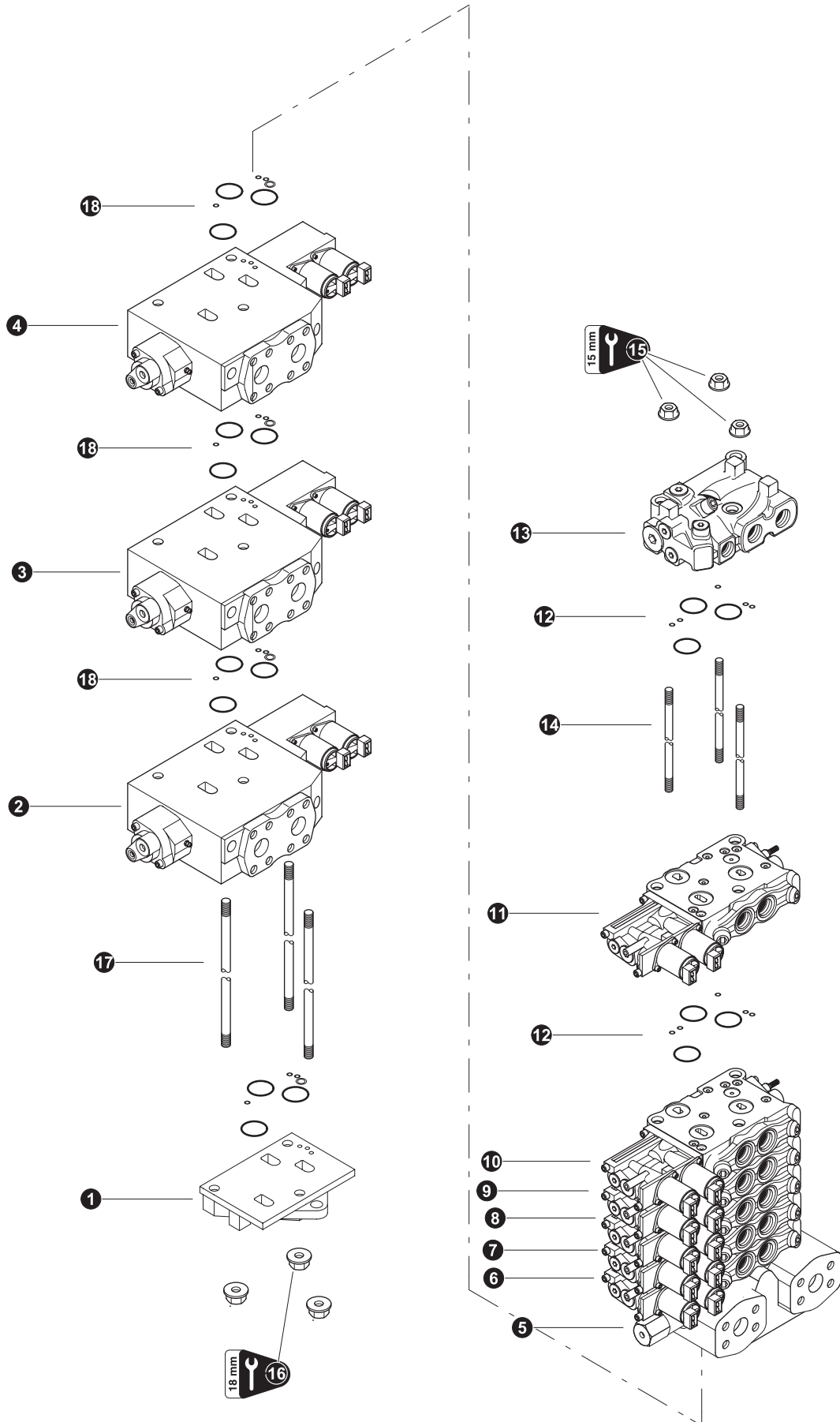
Loader Hydraulics - Control Valve



MAIN CONTROL VALVE (Forwarder TF 830, 840)














REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	51618-LH	1		VALVE, MAIN - VOAC (24 volt / 6 sections) FWD	
-	51847-LH	1		VALVE, MAIN - VOAC (24 volt / 7 sections) w / squirt boom	
1	REF	1		K220 END CAP	LH-2
2	REF.	1		VALVE SECTION - Main Boom function	LH-2
3	REF.	1		VALVE SECTION - Stick Boom function	LH-2
4	REF.	1		MID INLET / OUTLET	LH-2
5	REF	1		VALVE SECTION - Grapple O/C function	LH-2
-	REF	1		VALVE SECTION - (optional) Squirt Boom	LH-2
6	REF.	1		VALVE SECTION - Rotate function	LH-2
7	REF.	1		VALVE SECTION - Steer function	LH-2
8	REF.	1		VALVE SECTION - Swing function	LH-2
9	REF	1		L90 END CAP	LH-2
10	25131-LH	3		NUT, flange - 12mm (<i>Torque to 55 ft.lbs. (75 Nm)</i>)	
11	25132-LH	6		KIT, seal repair - K220 face seals	
12	- - -	3		ROD, tie - K220 (<i>2-Section span</i>)	
13	23404-LH	5		KIT, seal repair - L90LS face seals	
14	25133-LH	3		ROD, tie - L90LS (<i>4-Section span</i>)	
14	25134-LH	3		ROD, tie - L90LS (<i>5-Section span</i>)	
15	23913-LH	3		NUT, flange - 10mm (<i>Torque to 33 ft.lbs. (45 Nm)</i>)	



-  Kit or Assembly - includes all items indented underneath.
-  See referenced page for component or assembly breakdown.

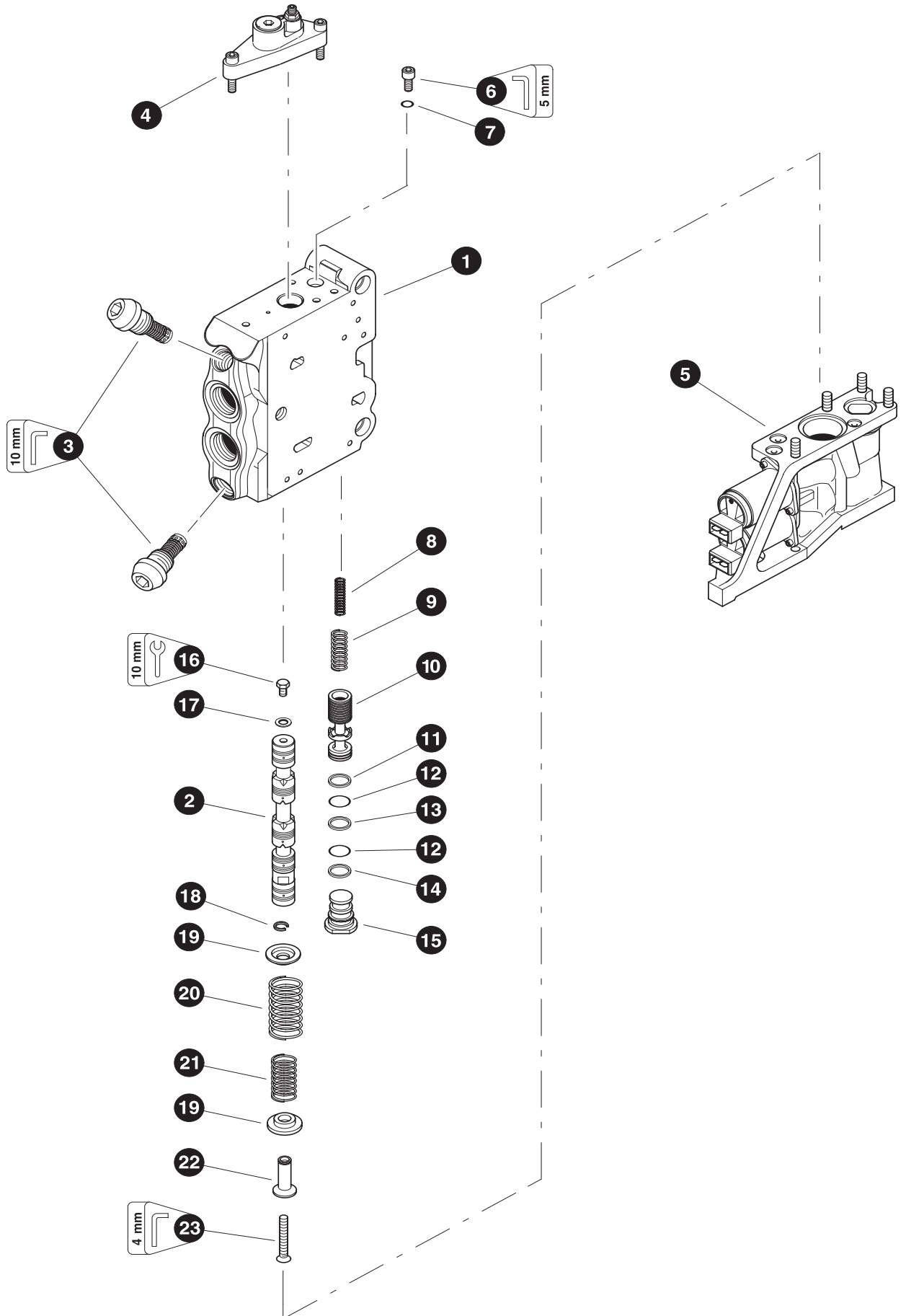


Parts T3265 08/09/2005
25.00










MAIN CONTROL VALVE (Harvester TF 830, 840, & TB 630)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51849-LH	1	 VALVE, MAIN (3-K220/6-L90) LOG MAX / COMBO	
1	REF.	1	 K220 END CAP	LH-2
2	REF.	1	 VALVE SECTION - Main Boom function	LH-2
3	REF.	1	 VALVE SECTION - Stick Boom function	LH-2
4	REF.	1	 VALVE SECTION - Processor function	LH-2
5	REF.	1	 MID INLET / OUTLET	LH-2
6	REF.	1	 VALVE SECTION - Grapple O/C function	LH-2
7	REF.	1	 VALVE SECTION - Squirt Boom	LH-2
8	REF.	1	 VALVE SECTION - Rotate function	LH-2
9	REF.	1	 VALVE SECTION - Steer function	LH-2
10	REF.	1	 VALVE SECTION - Swing function	LH-2
11	REF.	1	 VALVE SECTION - Processor function	LH-2
12	23404-LH	5	KIT, seal repair - L90LS face seals	
13	REF.	1	 L90 END CAP	LH-2
14	23912-LH	3	ROD, TIE - VOAC (L90LS)(6 SEC)	
15	23913-LH	3	NUT, flange - 10mm (<i>Torque to 33 ft.lbs. (45 Nm)</i>)	
16	25131-LH	3	NUT, flange - 12mm (<i>Torque to 55 ft.lbs. (75 Nm)</i>)	
17	- - -	3	ROD, tie - K220 (<i>3-Section span</i>) (9120092374)	
18	25132-LH	4	KIT, seal repair - K220 face seals	

-  Kit or Assembly - includes all items indented underneath.
-  See referenced page for component or assembly breakdown.



L90LS VALVE SECTION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	-LH	1	 VALVE SECTION - Grapple O\C function (L90LS-MS-US60-272)	
-	-LH	1	 VALVE SECTION - (optional) Squirt Boom (L90LS-MS-US60-275)	
-	-LH	1	 VALVE SECTION - Rotate function (L90LS-MS-US60-273)	
-	-LH	1	 VALVE SECTION - Steer function (L90LS-MS-US60-270)	
-	-LH	1	 VALVE SECTION - Swing function (L90LS-MS-US60-271)	
-	-LH	1	 VALVE SECTION - Aux Processor (L90LS-MS-US60-281)	
-	-LH	1	 VALVE SECTION - Cab Level function (L90LS-MS-US60-276)	
1	NSS	1	BODY, valve section	
2	-----	1	SPOOL, grapple rotate MBX (393000S218)	
2	-----	1	SPOOL, steer/shear RDX (393000S230)	
2	-----	1	SPOOL, swing - RCD	
2	-----	1	SPOOL, squirt boom / processor / grapple - RXX (393000S490)	
2	-----	1	SPOOL, cab level - ZEX	
3	-----	2	CARTRIDGE, port relief (230 Bar) (393000K568)	
3	-----	2	CARTRIDGE, port relief (250 Bar) (393000K569)	
3	-----	2	CARTRIDGE, port relief (280 Bar) (393000K571)	
3	-----	2	CARTRIDGE, port relief (300 Bar) (393000K572)	
4	REF.	1	 SECTION END CAP ASSEMBLY - "A" port side	LH-2
5	REF.	1	 SECTION END CAP ASSEMBLY - "B" port side	LH-2
-	-----	1	<input type="checkbox"/> KIT, compensator - "KX" (Swing, Steer)(see note #1)	
-	-----	1	<input type="checkbox"/> KIT, compensator - "K" (Rotate & Level only)(see note #1)	
6	-----	1	SCREW, throttling - 6mm-1.0P x 10mm	
7	-----	1	RING, seal	
8	-----	1	SPRING, small (KX only)	
9	-----	1	SPRING, compensator	
10	-----	1	SPOOL, compensator	
-	-----	1	<input type="checkbox"/> KIT, compensator plug w/seals (393000K171)	
-	-----	1	<input type="checkbox"/> KIT, seals only - compensator plug (393000K811)	
11	-----	2	RING, back-up	
12	-----	1	O-RING	
13	-----	1	O-RING	
14	-----	1	RING, back-up	
15	-----	1	BOLT, spool - 6mm-1.0P x 8mm (0147124203)	
16	-----	1	WASHER, seal (91256300)	
-	23423-LH	1	<input type="checkbox"/> KIT, spool centering spring	
17	NSS	1	RING, lock	
18	NSS	2	RETAINER, spring	
19	NSS	1	SPRING	
20	NSS	1	SPRING	
21	NSS	1	SLEEVE	
22	NSS	1	SCREW, spring assembly	

Kit or Assembly - includes all items indented underneath.

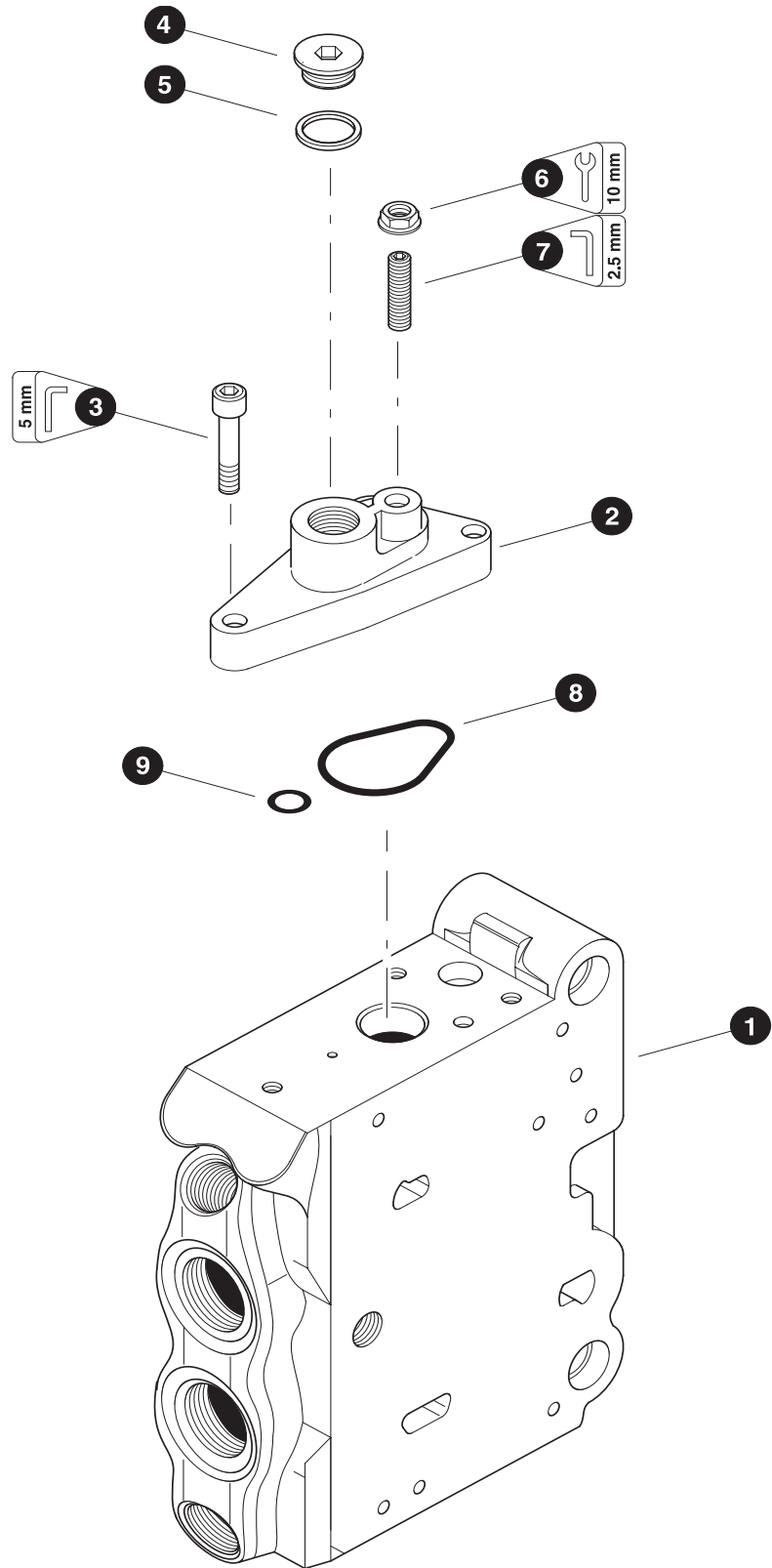
 See referenced page for component or assembly breakdown.

NOTE #1

Each section is color coded for proper fit. A color mark can be found on the "B" port side of the valve section under the end cap labeled #5.

KX - blue (393000K616)
 green (393000K617)
 red (393000K618)

K - blue (393000K169)
 green (393000K469)
 red (393000K669)

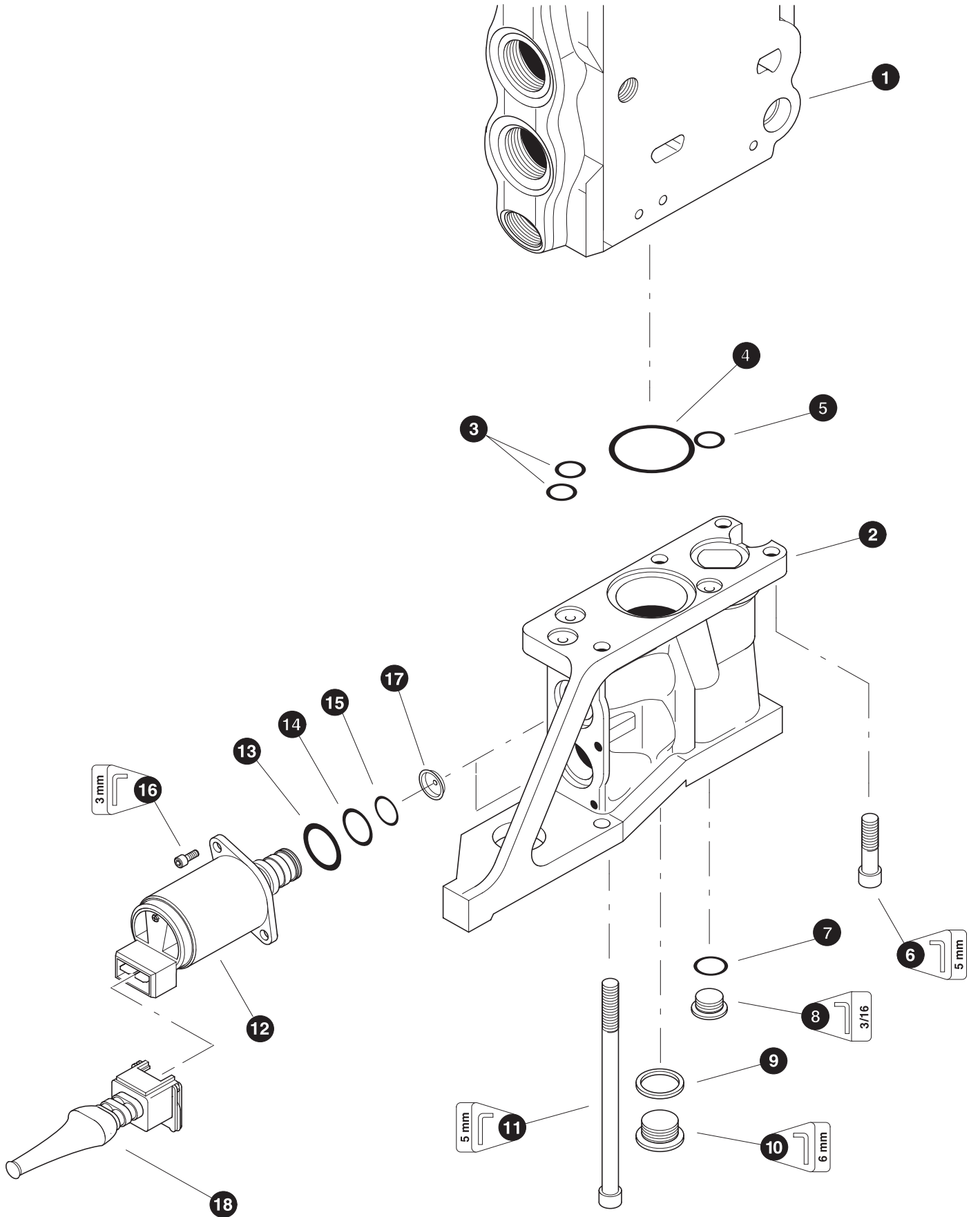


Parts 01734 08/08/2000
75.00

L90LS VALVE END CAP

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	NSS	1	VALVE SECTION BODY	
-	23414-LH	1	<input type="checkbox"/> KIT, end cap - "A" port side	
2	NSS	1	CAP, end	
3	-----	3	BOLT, allen head - 6mm-1.0P x 20mm (0211124703)	
4	15412-LH	1	PLUG - 6408-HHP-6	
5	-----	1	<input type="checkbox"/> RING, seal (3-906)	
6	-----	1	<input type="checkbox"/> NUT, seal - 6mm (3763131)	
7	-----	1	SCREW, adjustment (3764640)	
-	23415-LH	1	<input type="checkbox"/> KIT, seal repair - "A" port side end cap	
8	-----	1	<input type="checkbox"/> O-RING (Large) (0663210509)	
9	-----	1	<input type="checkbox"/> O-RING (Small) (06632114)	

- See referenced page for component or assembly breakdown.
- Kit or Assembly - includes all items indented underneath.
- Included in seal repair kit PN# 23415-LH.



L90LS VALVE CONTROL CAP

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	NSS	1		VALVE SECTION BODY	
-	23416-LH	1	☐	KIT, end cap - "B" port side	
2	-----	1		CAP, end	
3	-----	2	⌘	O-RING (Small)	
4	-----	1	⌘	O-RING (Large)	
5	-----	1	⌘	O-RING (Small)	
6	-----	2		BOLT, allen head - 6mm-1.0P x 20mm (0211124703)	
7	-----	1	⌘	O-RING	
8	11383-LH	1		PLUG - 6408-HHP-4	
9	-----	1	⌘	RING, seal	
10	-----	1		PLUG (0686644203)	
11	-----	2		SCREW, allen head - 6mm-1.0P x 100mm (0211126403)	
12	20976-LH	2		SOLENOID - 24V	
13	-----	2	◆	O-RING (Large)	
14	-----	2	◆	O-RING (Medium)	
15	-----	2	◆	O-RING (Small)	
16	-----	4		SCREW, allen head - 4mm-.75P x 12mm (0211117103)	
17	-----	2		DAMPER, pilot restrictor orifice (voac solenoid)(see note #1 below)	
18	19179-LH	2		CONNECTOR, (kit) voac control valve	
-	23417-LH	1		KIT, seal repair - "B" port side end cap	
-	23418-LH	1		KIT, seal repair - solenoid	

☐ See referenced page for component or assembly breakdown.

☐ Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit PN# 23417-LH.

◆ Included in seal repair kit PN# 23418-LH.

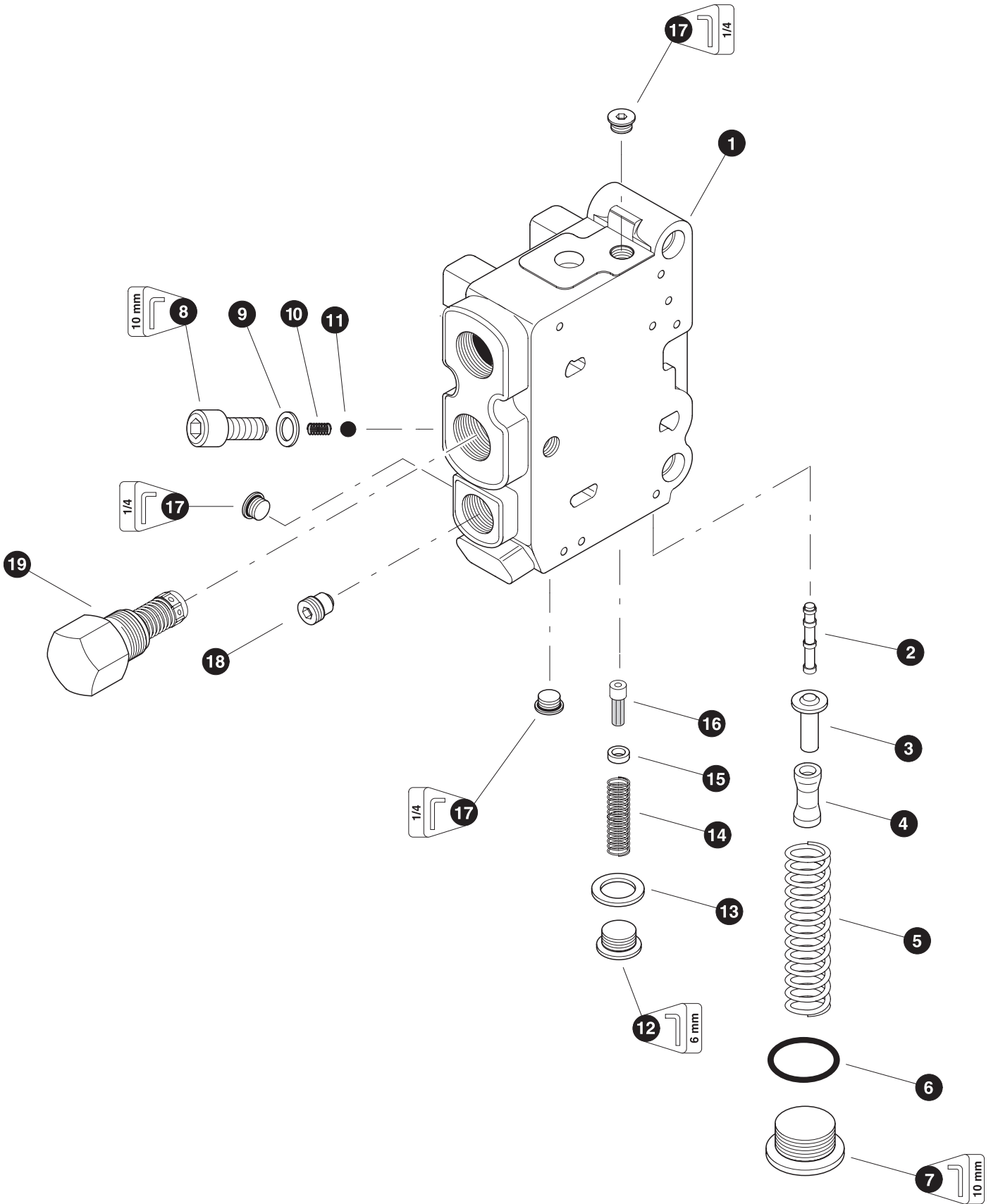
NOTE #1:

Orifice sizes vary depending upon function.

#3762396 0.6 mm

#3762397 0.8 mm

#3762398 1.0 mm



Parts 01319 09/16/99
62.00

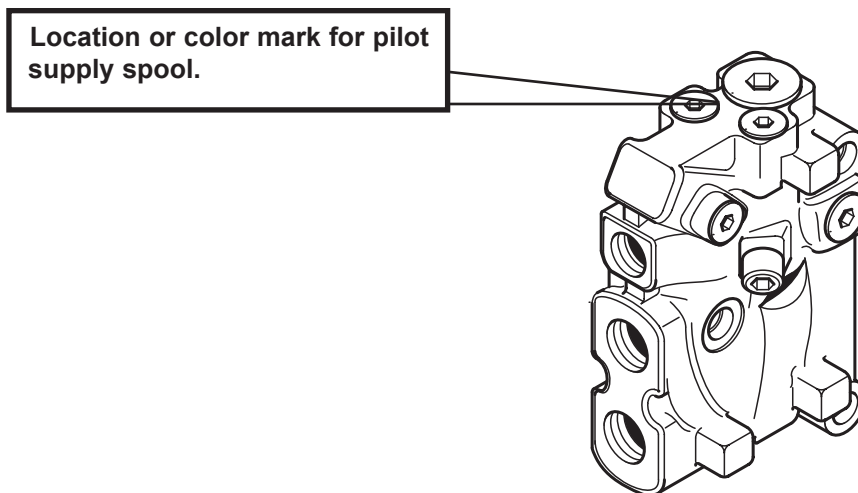
L90LS VALVE OUTLET

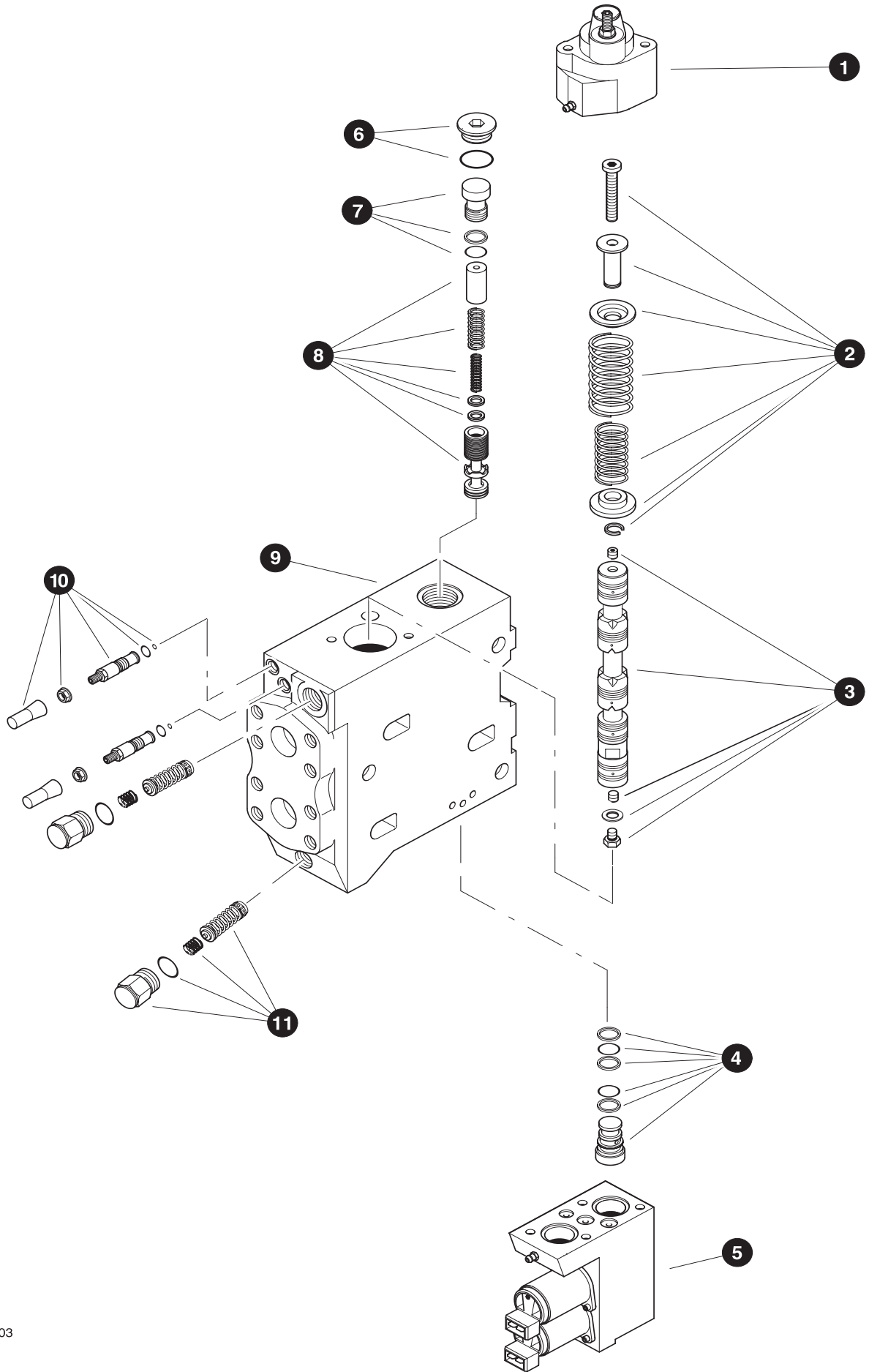
REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	23412-LH	1	<input type="checkbox"/>	VALVE SECTION, outlet	
1	NSS	1		BODY, valve section	
-	23431-LH	1	<input type="checkbox"/>	KIT, pilot supply reducer (Green)(35 bar)(see note #1)	
	23432-LH	1	<input type="checkbox"/>	KIT, pilot supply reducer (Red)(35 bar)(see note #1)	
2	-----	1		SPOOL, pilot reducer	
3	-----	1		RETAINER, spring	
4	-----	1		SPACER, spring	
5	-----	1		SPRING	
6	-----	1		O-RING (0663909901)	
7	-----	1		PLUG (9126244413)	
8	-----	1		PLUG (9127320022)	
9	-----	1		RING, seal (06611005)	
10	-----	1		SPRING	
11	-----	1		BALL, check	
-	23433-LH	1	<input type="checkbox"/>	KIT, pilot supply strainer	
12	-----	1		PLUG (9127320020)	
13	-----	1		RING, seal (06611020)	
14	-----	1		SPRING	
15	-----	1		SPACER	
16	-----	1		STRAINER (9126386076)	
17	15412-LH	3		PLUG - 6408-HHP-6	
18	-----	1		PLUG, pilot drain (393000K078)	
19	-----	1		Counter press. valve - 130 PSI (393000K068)	

Kit or Assembly - includes all items indented underneath.

NOTE #1

Each section is color coded to insure proper fit, please check color mark before ordering.



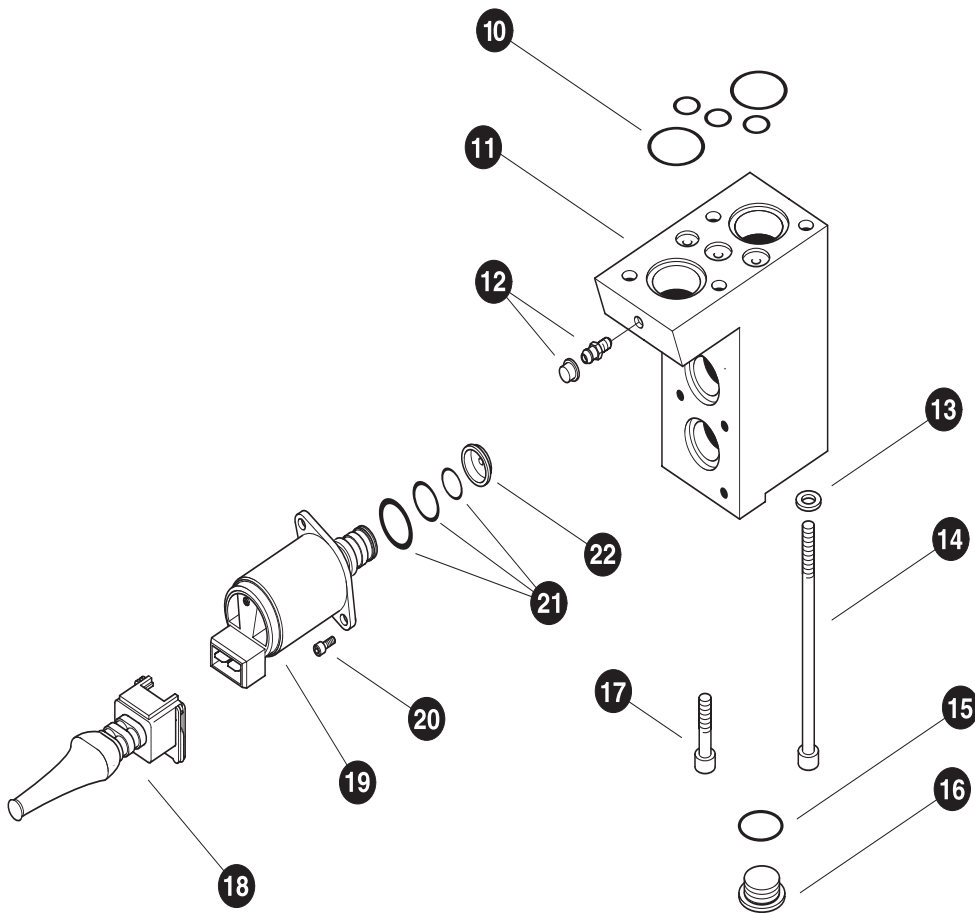
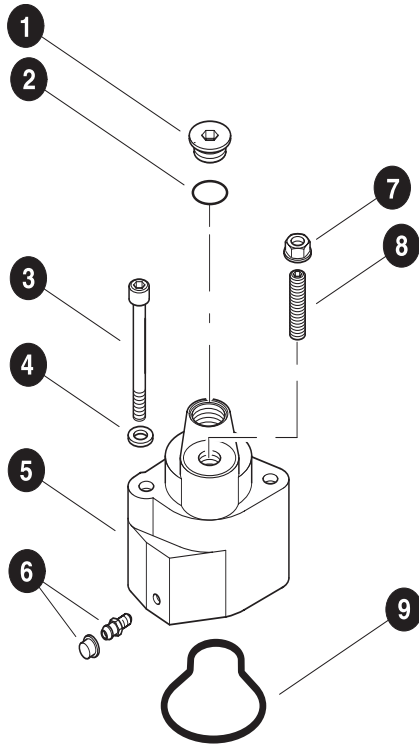


Parts T2761 07/15/03
37.50

VOAC K220 VALVE SECTION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	-LH	1	<input type="checkbox"/> VALVE SECTION, K220 - STICK - FORW BOOM (K220LS-MS-US60-232)	
-	-LH	1	<input type="checkbox"/> VALVE SECTION, K220 - MAIN - FORW BOOM (K220LS-MS-US60-231)	
-	-LH	1	<input type="checkbox"/> VALVE SECTION, K220 - PROCESSOR (K220LS-MS-US60-235)	
1	REF.	1	<input type="checkbox"/> CAP, "B"port	CH-2-18
2	-----	1	KIT, SPOOL SPRING - (9120092015)	
3	-----	1	SPOOL, STICK -	
3	-----	1	SPOOL, MAIN - TUA	
3	-----	1	SPOOL, PROCESSOR - RAX	
4	-----	1	<input type="checkbox"/> KIT, PLUG 3 (3764731)	
-	-----	1	SEAL KIT, plug 3 (9120092355)	
5	-----	1	<input type="checkbox"/> CONTROL CAP ASSEMBLY - "A" port side	CH-2-18
6	-----	1	<input type="checkbox"/> KIT, PLUG 1 (9126244419)	
-	-----	1	O-RING, plug 1 (0663910401)	
7	-----	1	<input type="checkbox"/> KIT, PLUG 2 (3764750)	
-	-----	1	O-RING, plug 2 (06632124)	
-	-----	1	RING, back up - plug 2 (06611516)	
8	-----	1	KIT, COMPENSATOR K1 (9120092054) CLAMP	
8	-----	1	KIT, COMPENSATOR K2 (9120092055) SAW, TOOL, STICK, MAIN	
9	NSS	1	BODY, K220 VALVE	
10	-----	2	<input type="checkbox"/> KIT, FEED REDUCER (3763680)	
-	-----	1	O-RING, feed reducer (91256182)	
-	-----	1	O-RING, feed reducer (06639050)	
-	-----	1	NUT, sealing (91267108)	
11	-----	2	VALVE, PORT RELIEF - 300 bar (9120029517)	
11	-----	2	VALVE, PORT RELIEF - 280 bar ()	
-	-----	1	O-RING, PORT RELIEF (91256889)	

- Kit or Assembly - includes all items indented underneath.
- See referenced page for component or assembly breakdown.



Parts T2762 07/15/03
50.00

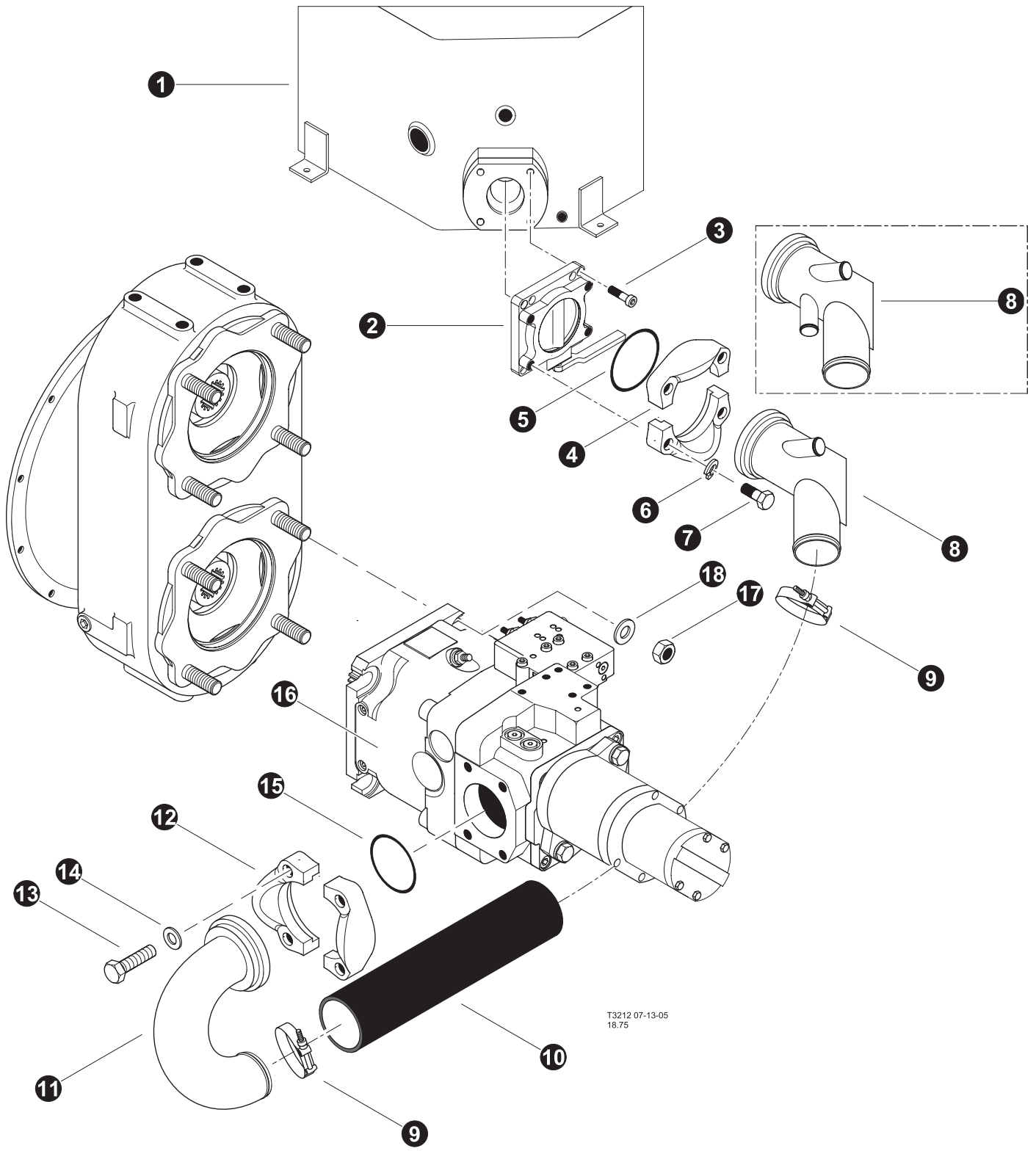
VOAC K220 VALVE END CAPS

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	51264-LH	1	☐	CUP, PILOT - K220 W / FLOW LIMIT	
1	---	1		PLUG	
2	---	1	⌘	O-RING	
3	---	2		BOLT, M6 X 35mm (3764640)	
4	---	2		WASHER, M6	
5	---	1		CAP	
6	---	1		BLEEDER	
7	---	1	⌘	NUT, seal M6 (91267109)	
8	---	1		SCREW	
9	---	1	⌘	O-RING	
-	---	1	☐	KIT, CONTROL "A port side" K220	
10	---	1	◆	KIT, O-RING	
11	---	1		CAP	
12	---	1		BLEEDER	
13	---	4		WASHER, M6	
14	---	2		BOLT, M6 X 110mm (0211126603)	
15	---	1	◆	O-RING	
16	---	1		PLUG	
17	---	2		BOLT, M6 X 22mm (0211124803)	
18	19179-LH	2		KIT, CONNECTOR -VOAC solenoid	
-	20976-LH	2		KIT, SOLENOID VALVE 24V	
19	---	1		SOLENOID VALVE 24V	
20	---	2		SCREW, 4mm x 12mm (0211117103)	
21	---	1		KIT, SEAL -SOLENOID VALVE (393000K813)	
22	---	1		DAMPER, pilot restrictor orifice 0.8 mm (3762397)	

- ☐ Kit or Assembly - includes all items indented underneath.
- ⌘ Included in seal repair kit PN# - (9120092284)
- ◆ Included in seal repair kit PN# - (9120092284)





Section LH-3




Loader Implements - Supply, Tank, Load sense, and Drain Circuits

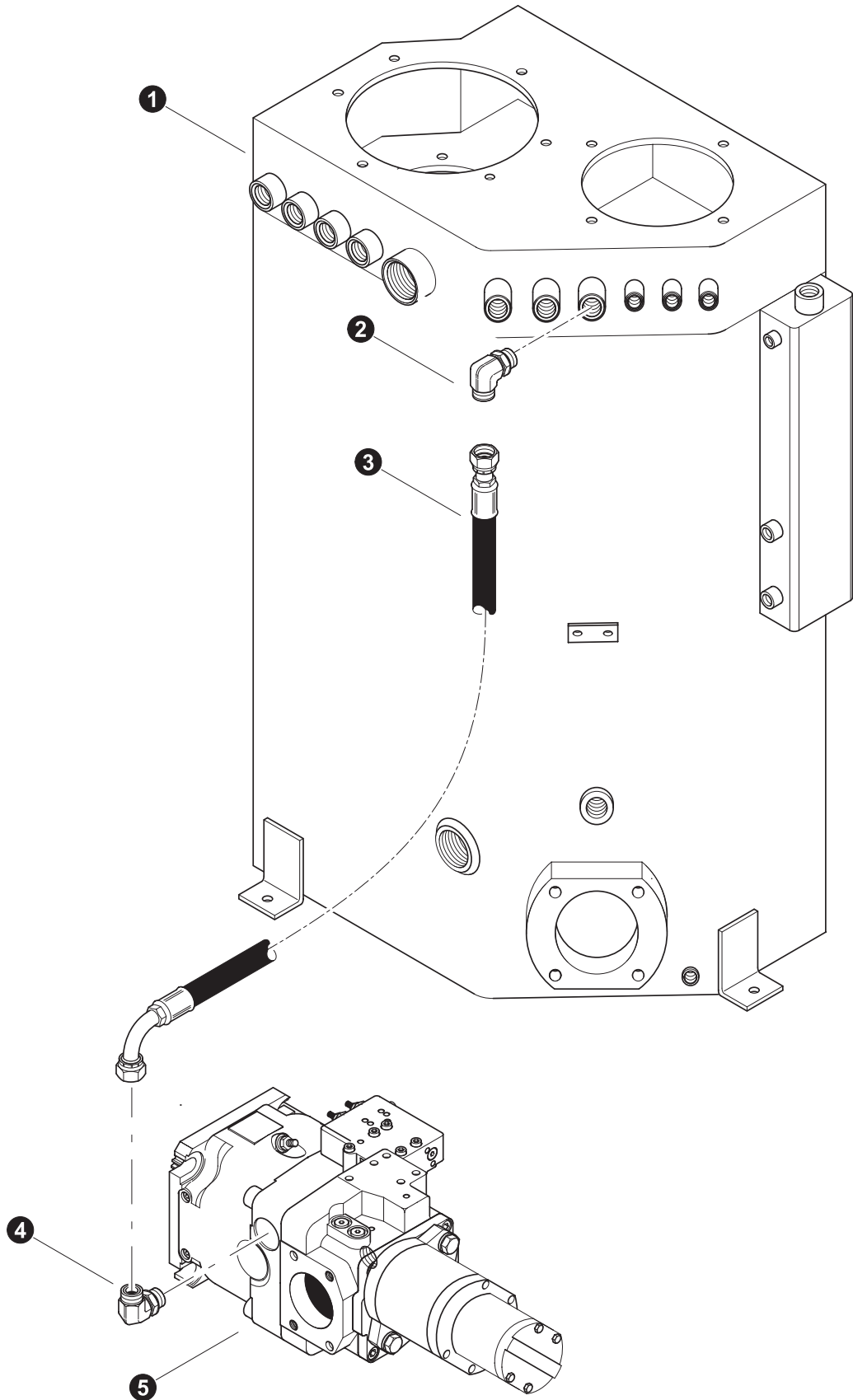


T3212 07-13-05
18.75

IMPLEMENT PUMP INSTALLATION


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 HYDRAULIC TANK ASSEMBLY	UP-2
2	51619-LH	1	VALVE, SHUT OFF - BUTTERFLY (4")	
3	23095-LH	4	BOLT, ALLEN HEAD - .625" x 2"	
4	51625-LH	1	 KIT, FLANGE - SUCTION TUBE (4")	
5		1	O-RING - SUCTION TUBE (4")	
6	10721-LH	4	WASHER, LOCK - .625"	
7	15526-LH	4	BOLT - .625" X 2"	
8	42461-LH	1	TUBE, SUCTION - 4" FLANGE - W/O DISC SAW	
8	51886-LH	1	TUBE, SUCTION - 4" FLANGE - WITH DISC SAW	
9	15190-LH	2	CLAMP, strap band - 3-1/8"	
10		1	HOSE ASSEMBLY - 1012 48-0-0	
11	51876-LH	1	TUBE, SUCTION 180 DEG 3.0" 630/830	
12	18306-LH	1	 KIT, split flange - 3" (Code 61)	
13	15562-LH	1	BOLT - 5/8" x 2"	
14	10721-LH	4	WASHER, lock - 5/8"	
15	18695-LH	1	O-RING - 3" SF	
16	REF	1	 IMPLEMENT PUMP.....	LH-1


-  See referenced page for component or assembly breakdown.
-  Bulk material - order length required in feet or meters.
-  Kit or Assembly - includes all items indented underneath.

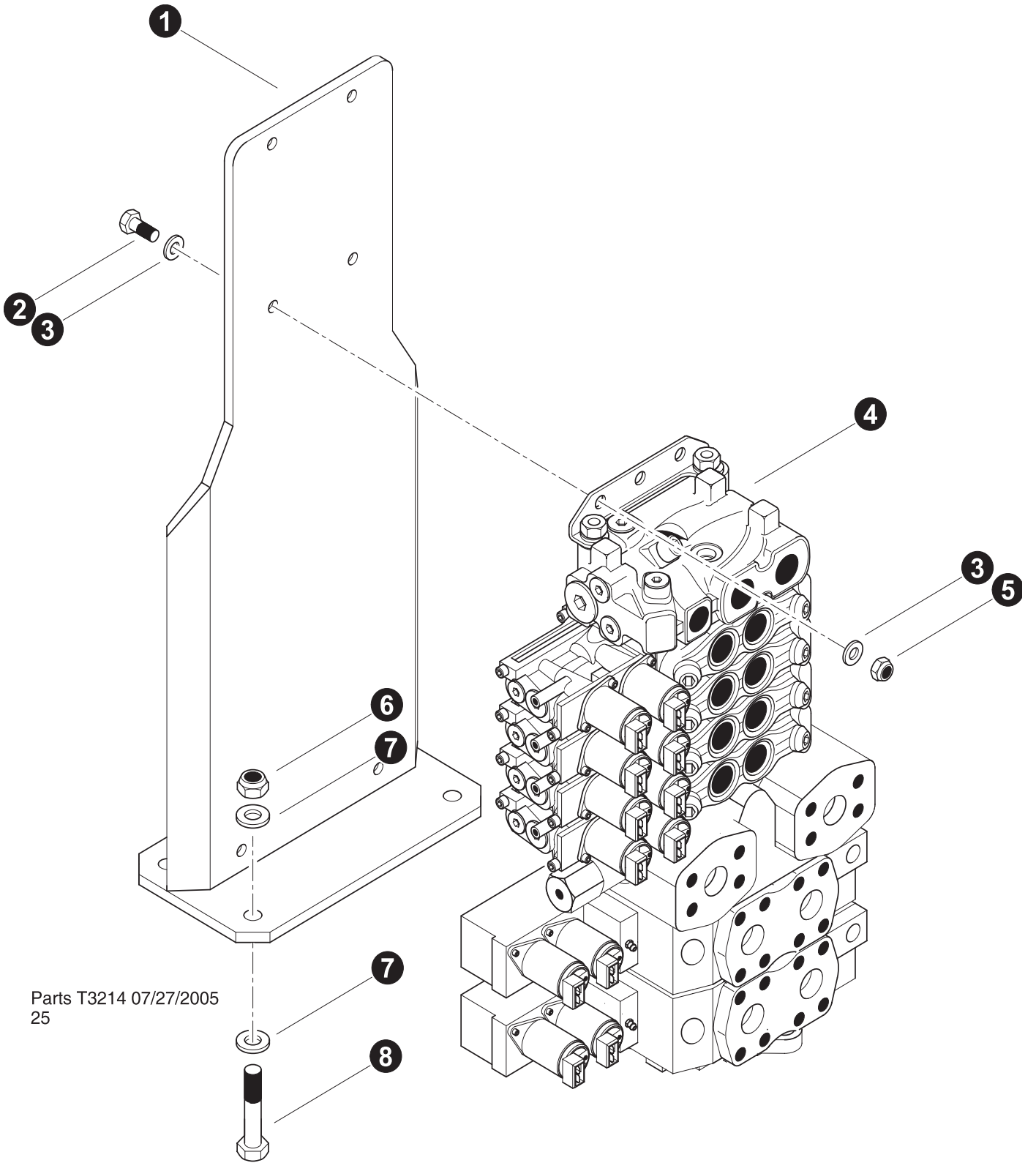


Parts T3213 07/18/2005
18.75


IMPLEMENT PUMP CASE DRAIN LINE


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	HYDRAULIC TANK	UP-2
2	17688-LH	1	ELBOW, 90 - FF1868T-1212S	
3	-LH	1	HOSE ASSEMBLY - 2045-12-120S-1209 (<i>Implement pump case drain port to hydraulic tank</i>)	
4	17688-LH	1	ELBOW, 90 - FF1868T-1212S	
5	REF.	1	 IMPLEMENT PUMP.....	LH-1

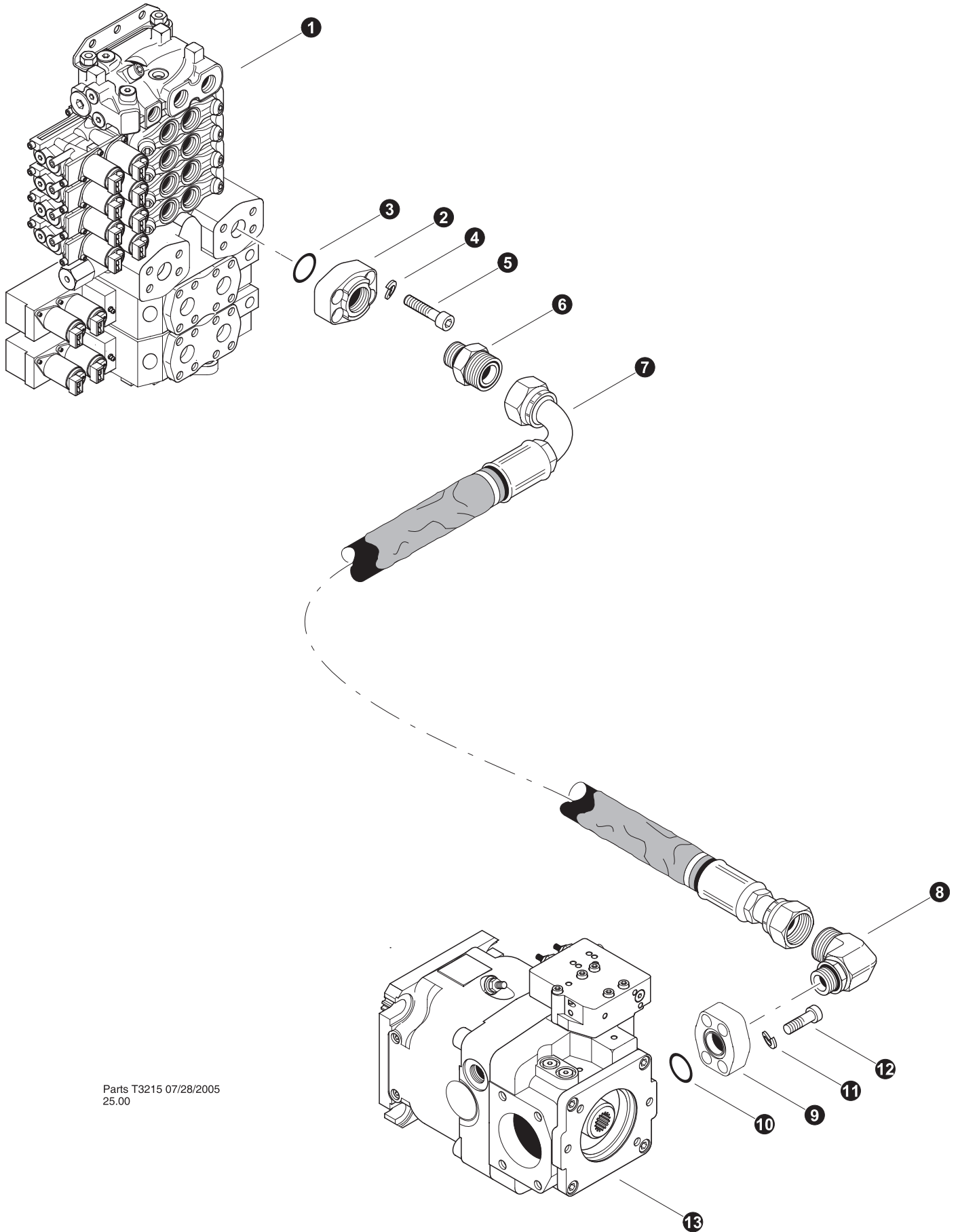
 See referenced page for component or assembly breakdown.



MAIN CONTROL VALVE MOUNTING





REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	42489-LH	1	BRACKET, MAIN VALVE CONTROL - TF830	
2	15507-LH	4	BOLT, 3/8 X 1 1/4"	
3	15528-LH	8	WASHER, SAE 3/8"	
4	REF	1	 MAIN CONTROL VALVE	LH-2
5	10813-LH	4	NUT, lock 3/8"	
6	10815-LH	4	NUT, LOCK - .5"	
7	15534-LH	8	WASHER, SAE FLAT - .5"	
8	15567-LH	4	BOLT - .5" X 2.5"	



 See referenced page for component or assembly breakdown.

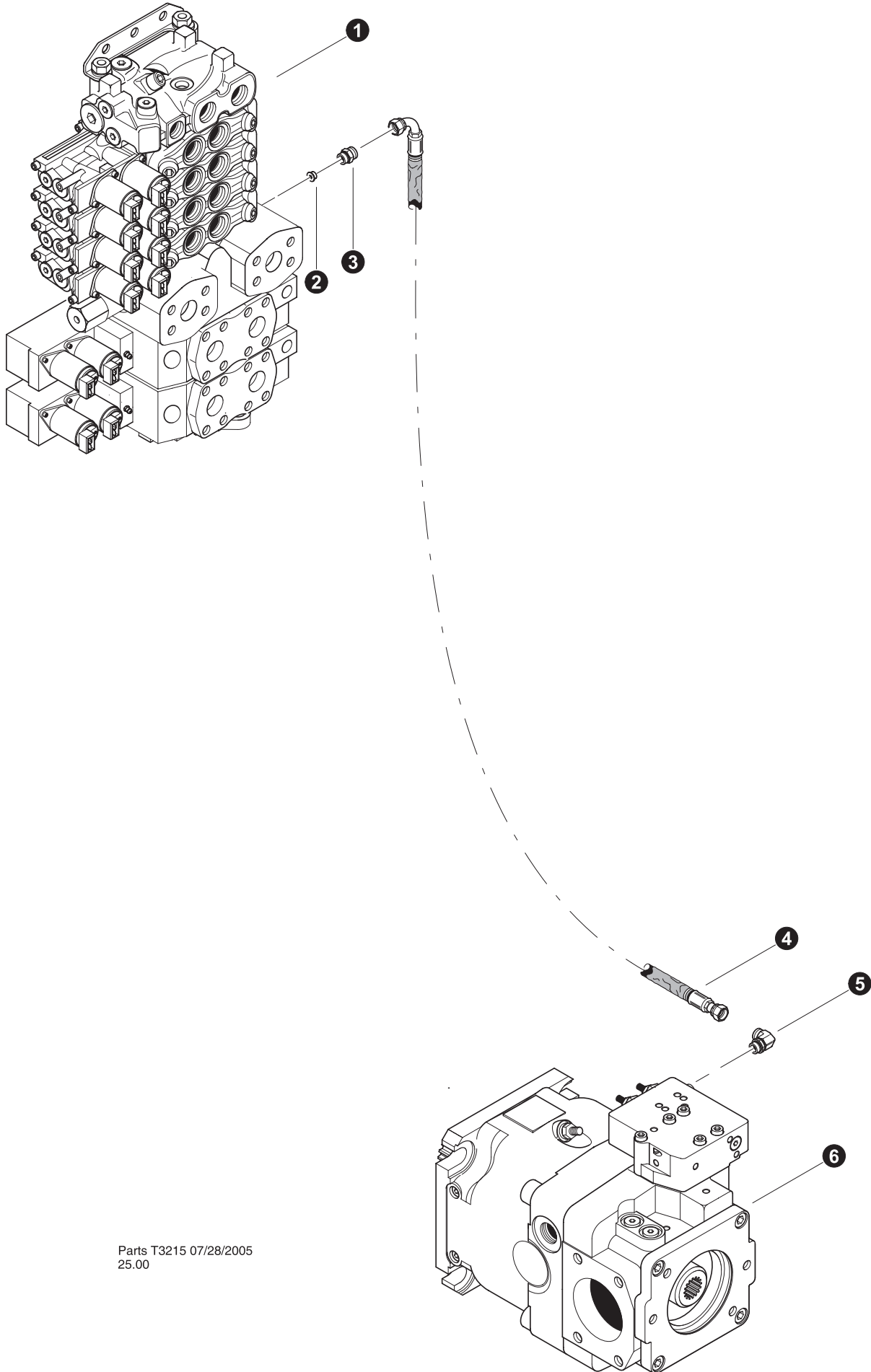


Parts T3215 07/28/2005
25.00

IMPLEMENT PUMP PRESSURE LINE TO MAIN CONTROL VALVE



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	18397-LH	1	 CONNECTOR, FLANGE PAD - 1" C 62	
3	15377-LH	1	O-RING - 1"	
4	-	4	WASHER, lock	
5	18988-LH	4	BOLT, ALLEN HEAD - 12MM-1.75P X 45MM	
6	17063-LH	1	CONNECTOR, STR - FF1852T-2016S	
7	-LH	1	HOSE ASSEMBLY - 4092.5-20-200S-2009-W (<i>Implement pump pressure outlet to main control valve pressure inlet port "P1"</i>)	
8	17055-LH	1	ELBOW, 90 - FF1868T-2020S	
9	17016-LH	1	 CONNECTOR, FLANGE PAD - 1.25" C 62	
10	-	1	O-RING - 1.25"	
11	-	4	WASHER, lock	
12	-	4	BOLT, ALLEN HEAD	
13	REF.	1	 IMPLEMENT PUMP.	LH-1

-  See referenced page for component or assembly breakdown.
-  Kit or Assembly - includes all items indented underneath.

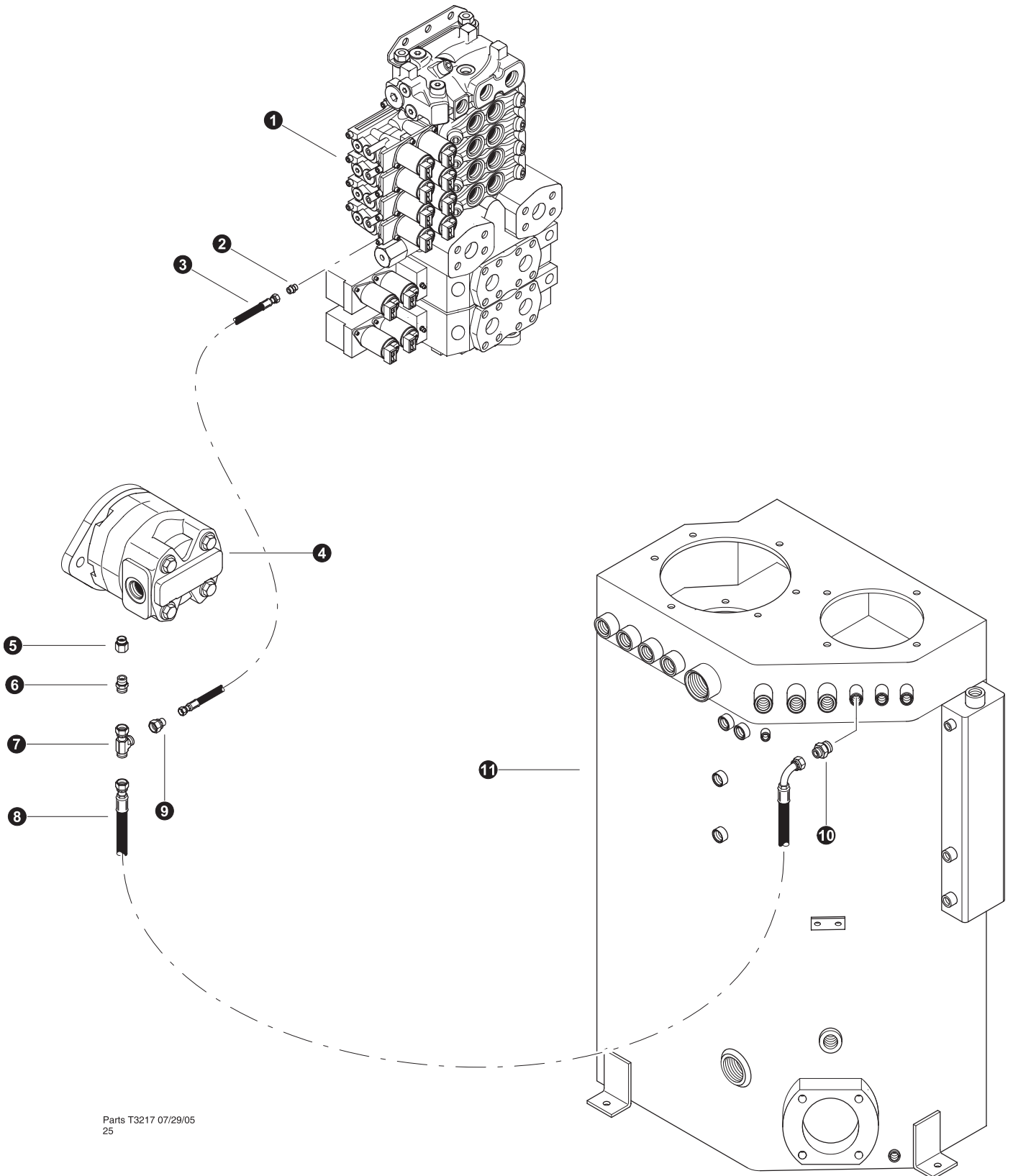


Parts T3215 07/28/2005
25.00


MAIN CONTROL VALVE LOAD SENSE LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	15488-LH	1	CONNECTOR, STR - 6400-6 (<i>Tapped for 0.024" orifice</i>)	
3	24091-LH	1	ORIFICE - 0.024"	
4	-LH	1	HOSE ASSEMBLY - 2113-06-060S-0609-W (<i>Control Valve load sense "PL" port to Implement Pump controler</i>)	
5	16296-LH	2	ELBOW, 90° - FF1868T-0606	
6	REF.	1	 IMPLEMENT PUMP.	LH-1

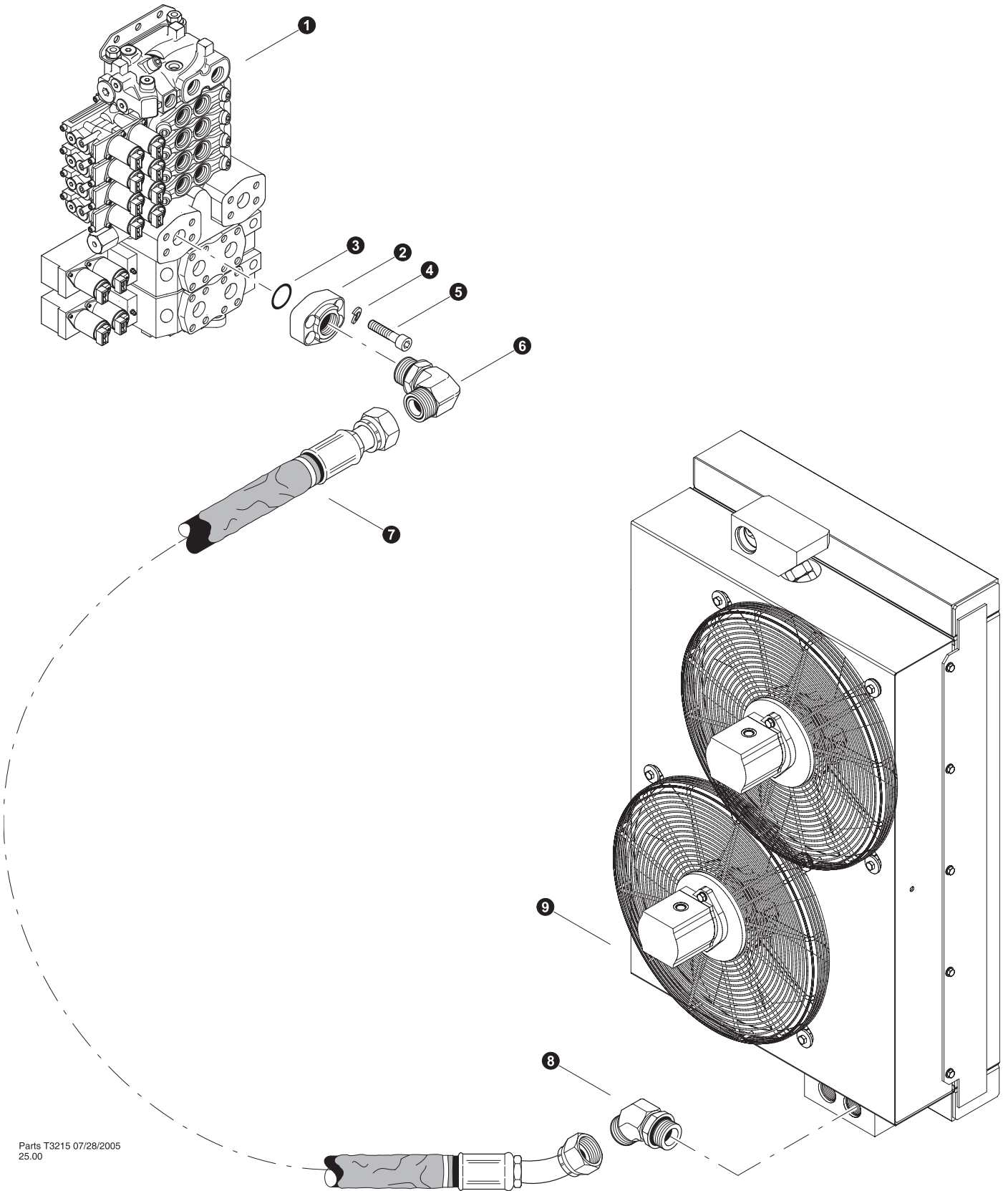
 See referenced page for component or assembly breakdown.





MAIN CONTROL VALVE PILOT DRAIN LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	15487-LH	1	CONNECTOR, STR - 6400-6-4	
3	-LH	1	HOSE ASSEMBLY - 2036.5-04-040S-040S (<i>Main control valve port "TP" to fan motor drain tee</i>)	
4	REF	2	FAN DRIVE MOTOR	UP-3
5	51413-LH	1	BUSHING, REDUCER - 4 - 1/4 F50G	
6	16295-LH	1	CONNECTOR, STR - FF2031T-0604S	
7	22730-LH	1	TEE - 6 R6LO-S	
8	-UP	1	HOSE ASSEMBLY 2112 06 06OS 0609 (fan motor case drain to tank)	
9	51888-LH	1	REDUCER, TUBE END - (6-4 TRL0N)	
10	22901-LH	1	CONNECTOR, STR - 6-8 F5OLO-S	
11	REF	1	HYDRAULIC TANK BREAKDOWN	UP-2

 See referenced page for component or assembly breakdown.



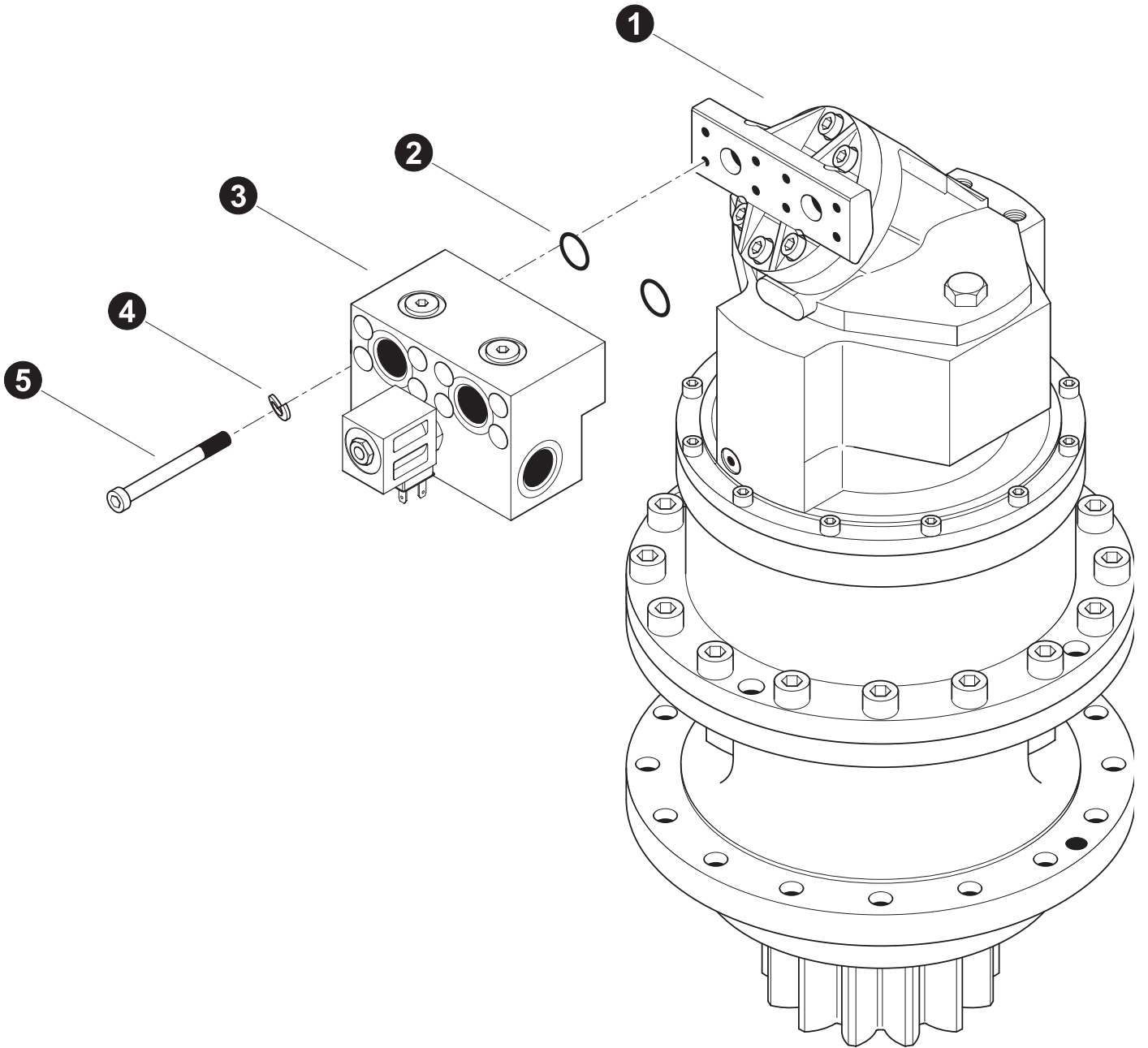
MAIN CONTROL VALVE RETURN LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	17909-LH	1	 CONNECTOR, FLANGE PAD - 1.25" CODE 61	
3	-	1	O-RING - 1"	
4	-	4	WASHER, lock	
5	20444-LH	4	BOLT, ALLEN HEAD - 10MM-1.5P X 35MM	
6	17055-LH	1	ELBOW, 90 - FF1868T-2020S	
7	-LH	1	HOSE ASSEMBLY - 4104-20-200S-2004-W (<i>oil cooler inlet to main control valve tank port "T1"</i>)	
8	17056-LH	1	ELBOW, 45 - FF2068T-2020S	
9	REF	1	OIL COOLER BREAKDOWN	UP-3

 See referenced page for component or assembly breakdown.



Section LH-4

Loader Hydraulics - Swing Motor Hydraulics

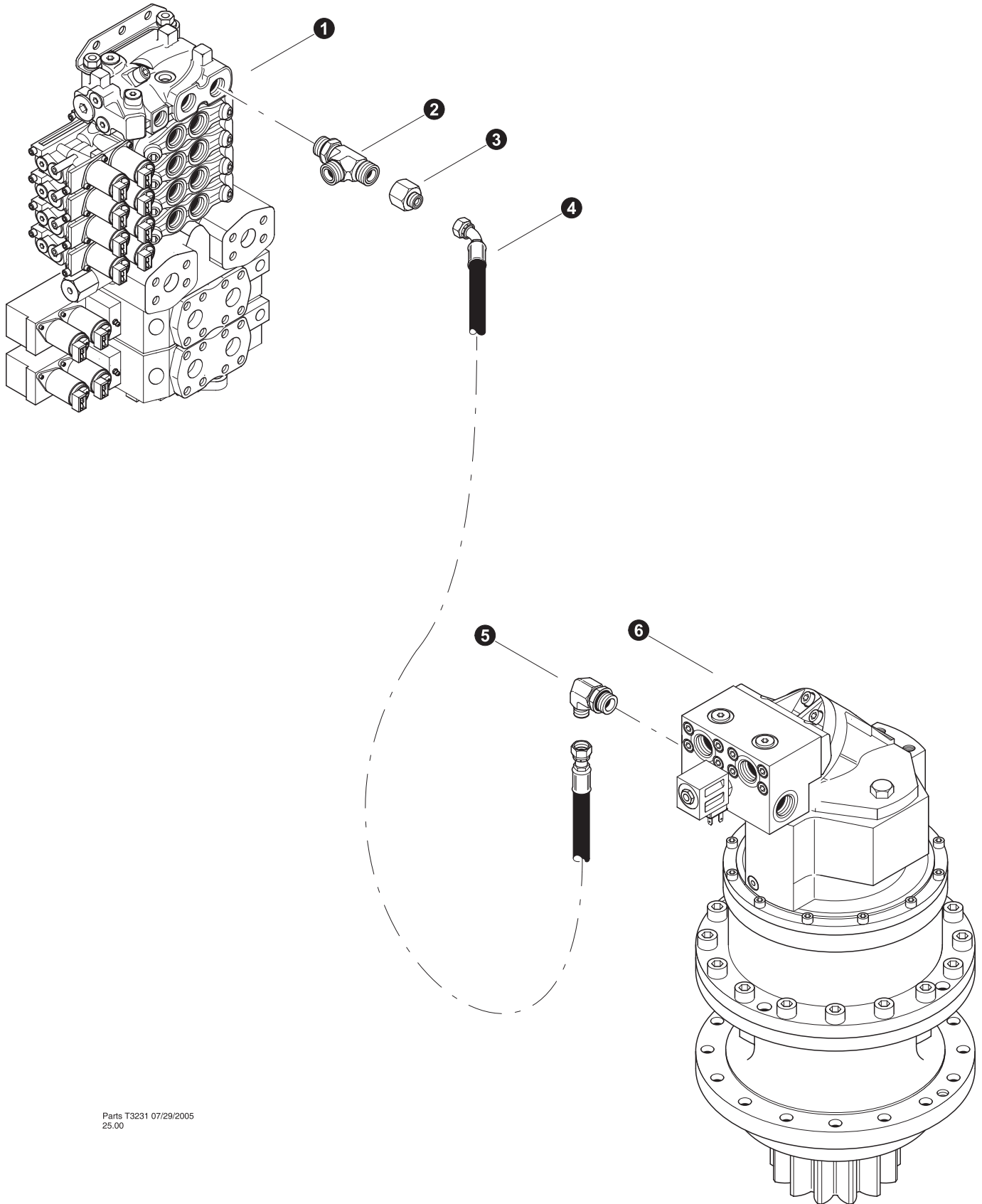


Parts T3234 07/29/2005
25.00

SWING MOTOR HYDRAULICS (anti-cavitation valve installation)



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		MOTOR/GEARBOX - SWING	LH-4
2	-LH	2		O-RING, 3/4 code 62	
3	REF.	1		ANTI-CAVITATION VALVE	LH-4
4	-LH	4		WASHER, LOCK - 10 mm HIGH COLLAR	
5	51389-LH	4		BOLT, ALLEN HEAD - 10MM-1.5P X 100MM	


 See referenced page for component or assembly breakdown.

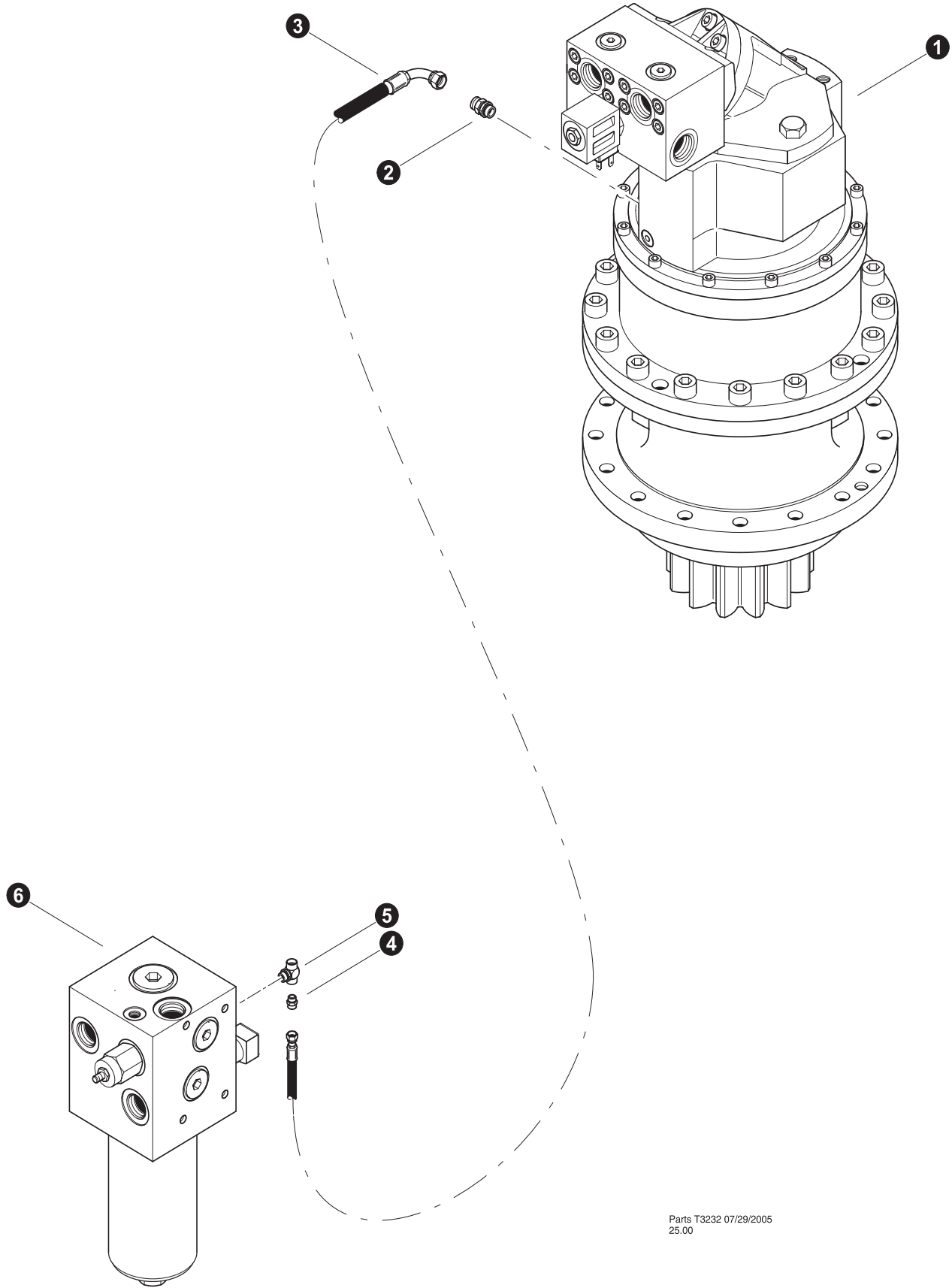


Parts T3231 07/29/2005
25.00

SWING MOTOR HYDRAULICS (anti cavitaion block supply)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	51969-LH	1	TEE, RUN - 12 R50LO-S	
3	18581-LH	1	CONNECTOR, REDUCER - ORS FF2281T-0812S	
4	-LH	1	HOSE ASSEMBLY - 4073-08-080S-0804(<i>anti-cav supply port to main control valve port T3</i>)	
5	15372-LH	3	ELBOW, 90 - FF1868T-0812S	
6	REF.	1	 MOTOR/GEARBOX - SWING	LH-4

 See referenced page for component or assembly breakdown.

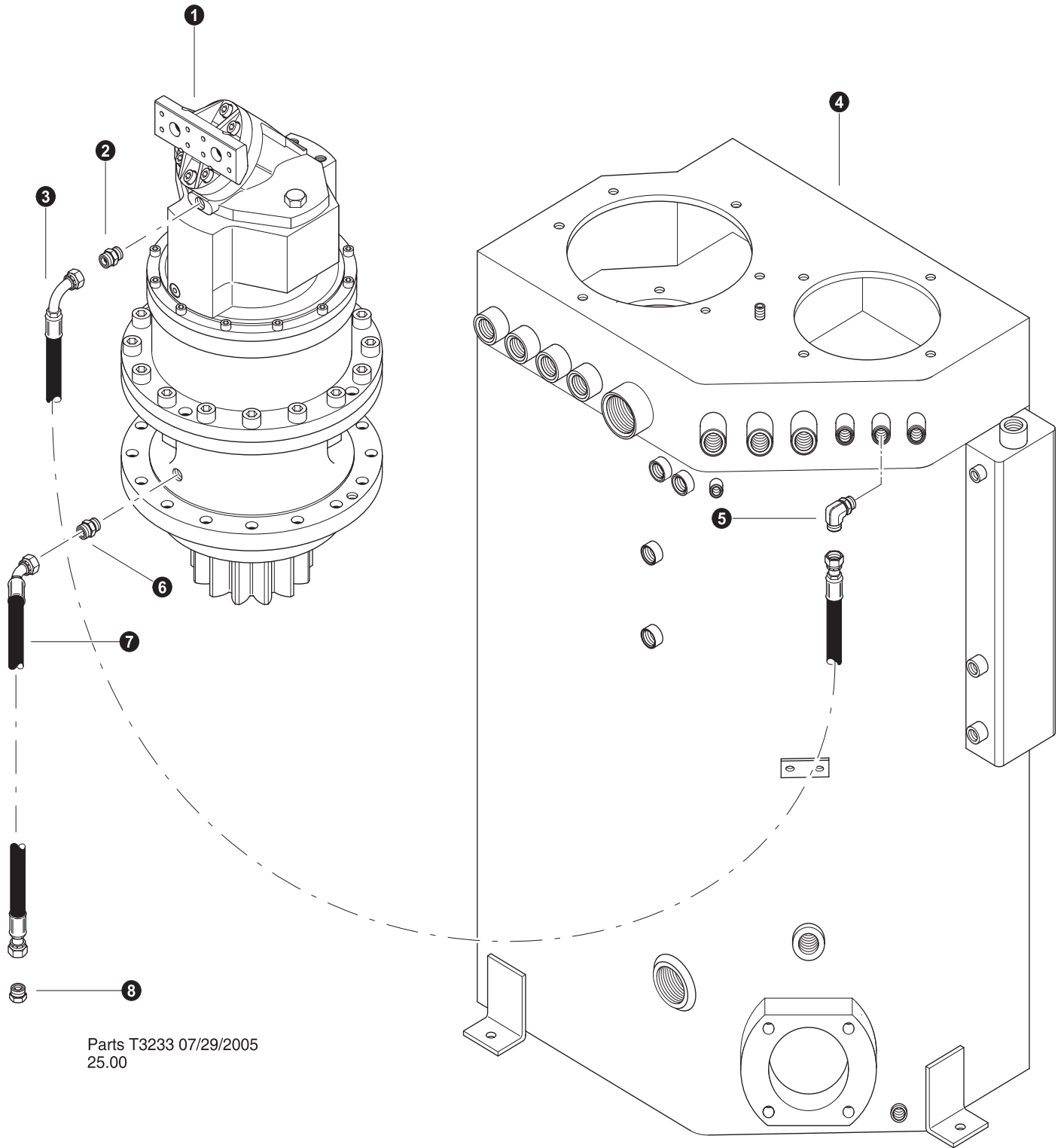


Parts T3232 07/29/2005
25.00

SWING MOTOR HYDRAULICS (swing gearbox brake release)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MOTOR/GEARBOX - SWING	LH-4
2	19469-LH	1	CONNECTOR, STR METRIC - 4M12F82EDMLO-S	
3	50425-LB	1	HOSE ASSEMBLY - 2053-04-040S-0409 (<i>swing motor gearbox brake release port to G1 port charge valve</i>)	
4	16541-LH	1	CONNECTOR, STR - FF1852T-0404S	
5	24293-LH	1	TEE - 4-G5G5JAO-S	
6	REF.	1	 CHARGE VALVE / FILTER ASSEMBLY	WD-1

 See referenced page for component or assembly breakdown.

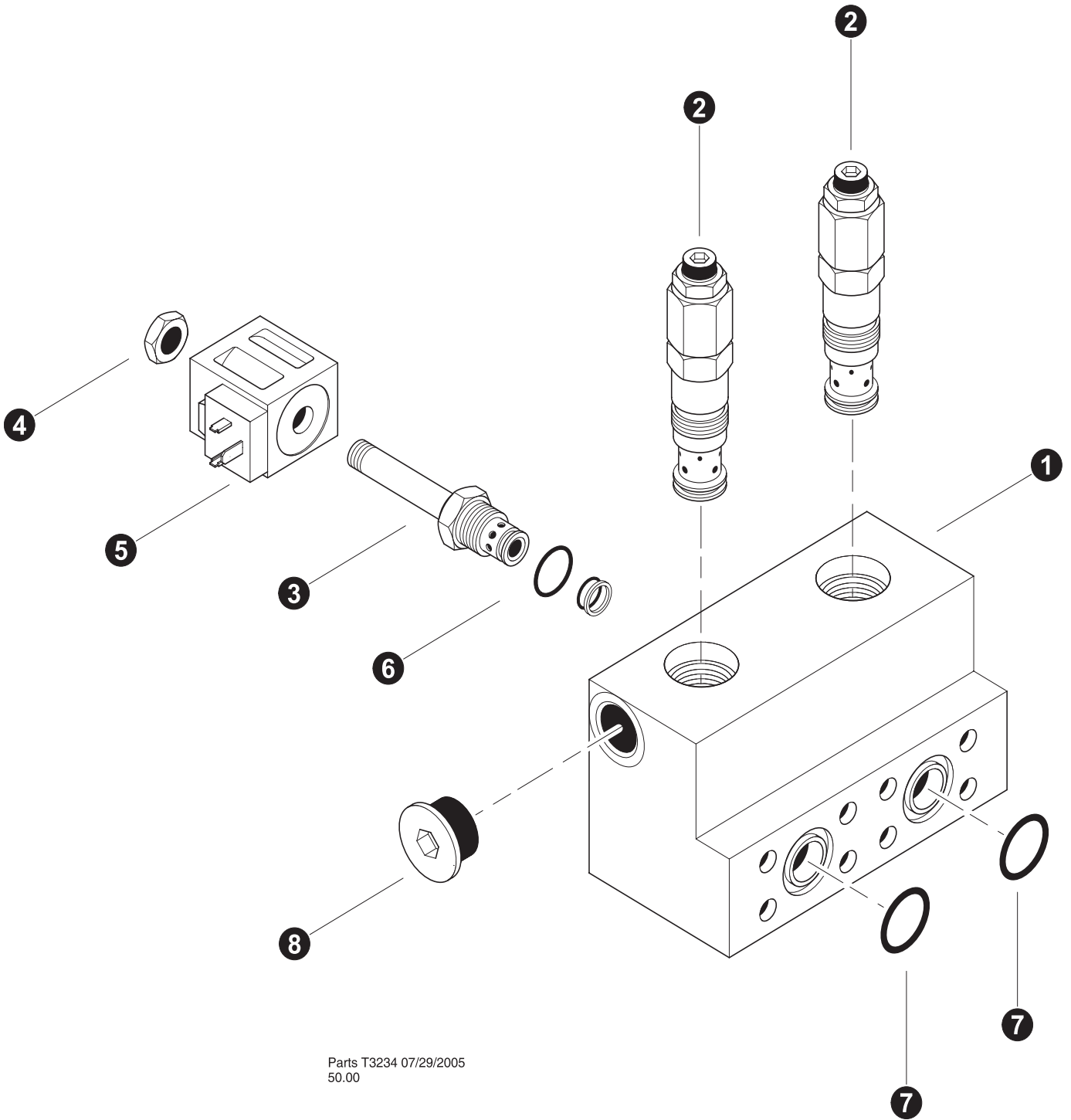


Parts T3233 07/29/2005
25.00

SWING MOTOR HYDRAULICS (swing motor drain)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MOTOR/GEARBOX - SWING	LH-4
2	24182-LH	1	CONNECTOR, STR - 6002-08-8BSPP	
3	-LH	1	HOSE ASSEMBLY - 2076-08-08OS-0809 (swing motor case drain to hydraulic tank)	
4	REF.	1	 HYDRAULIC TANK ASSEMBLY	UP-2
5	16360-LH	1	ELBOW, 90 - FF1868T-0808S	
6	24182-LH	1	CONNECTOR, STR - 6002-08-8BSPP	
7	-LH	1	HOSE ASSEMBLY - 2033-08-08OS-0804 (swing motor gearbox drain)	
8	11390-LH	1	PLUG - 2408-8	

 See referenced page for component or assembly breakdown.



Parts T3234 07/29/2005
50.00

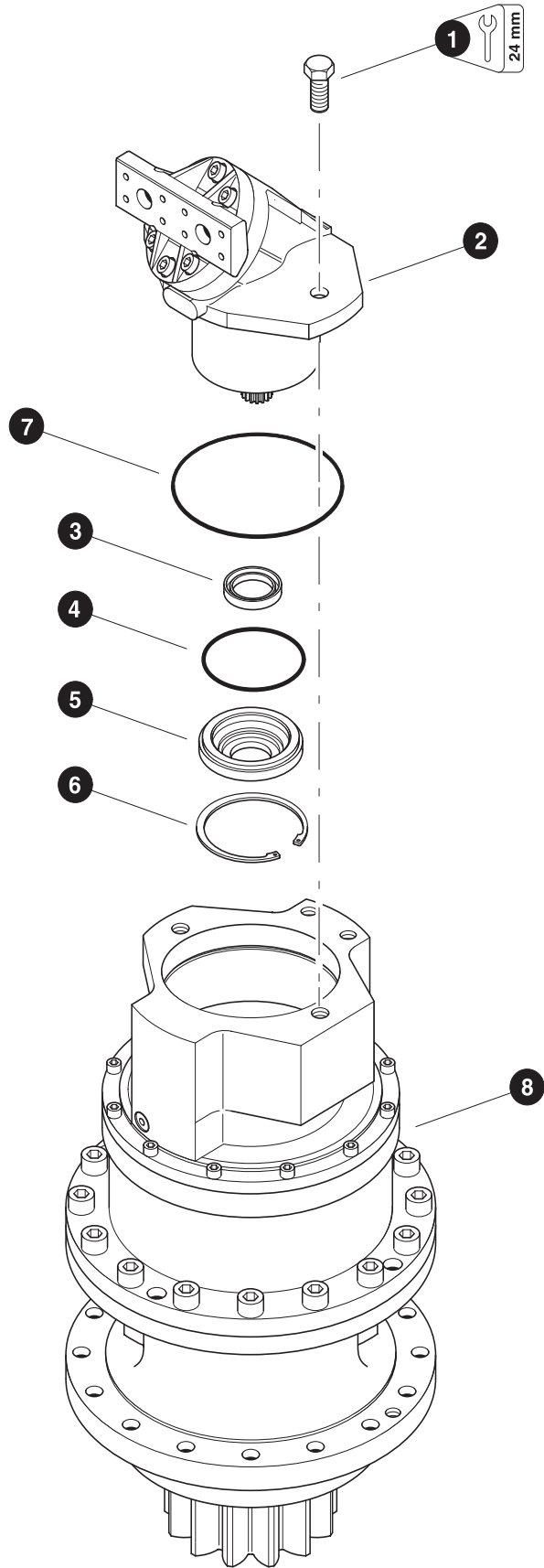
SWING MOTOR HYDRAULICS (anti-cavitation valve)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52015-UP	1		VALVE, SWING ANTI/CAV W/FLOAT LOW MOUNT	
2	51507-UP	2		CARTRIDGE, Anti-Cav (51055-20 D03 B)	
3	20597-HR	2	☐	CARTRIDGE, solenoid - 24V	
4	NSS	1		NUT	
5	22554	1		COIL, SOLENOID - (PARKER)	
6	-LH	1	⌘	KIT, SEAL - solenoid valve	
7	-LH	2		O-RING - 3/4" code 62	
8	11385-LH	1		PLUG - 6408-12	

☐ Kit or Assembly - includes all items indented underneath.

Note:

Due to warranty policy restrictions imposed by component suppliers, it is not recommended that the component be disassembled further than is shown in the illustration.



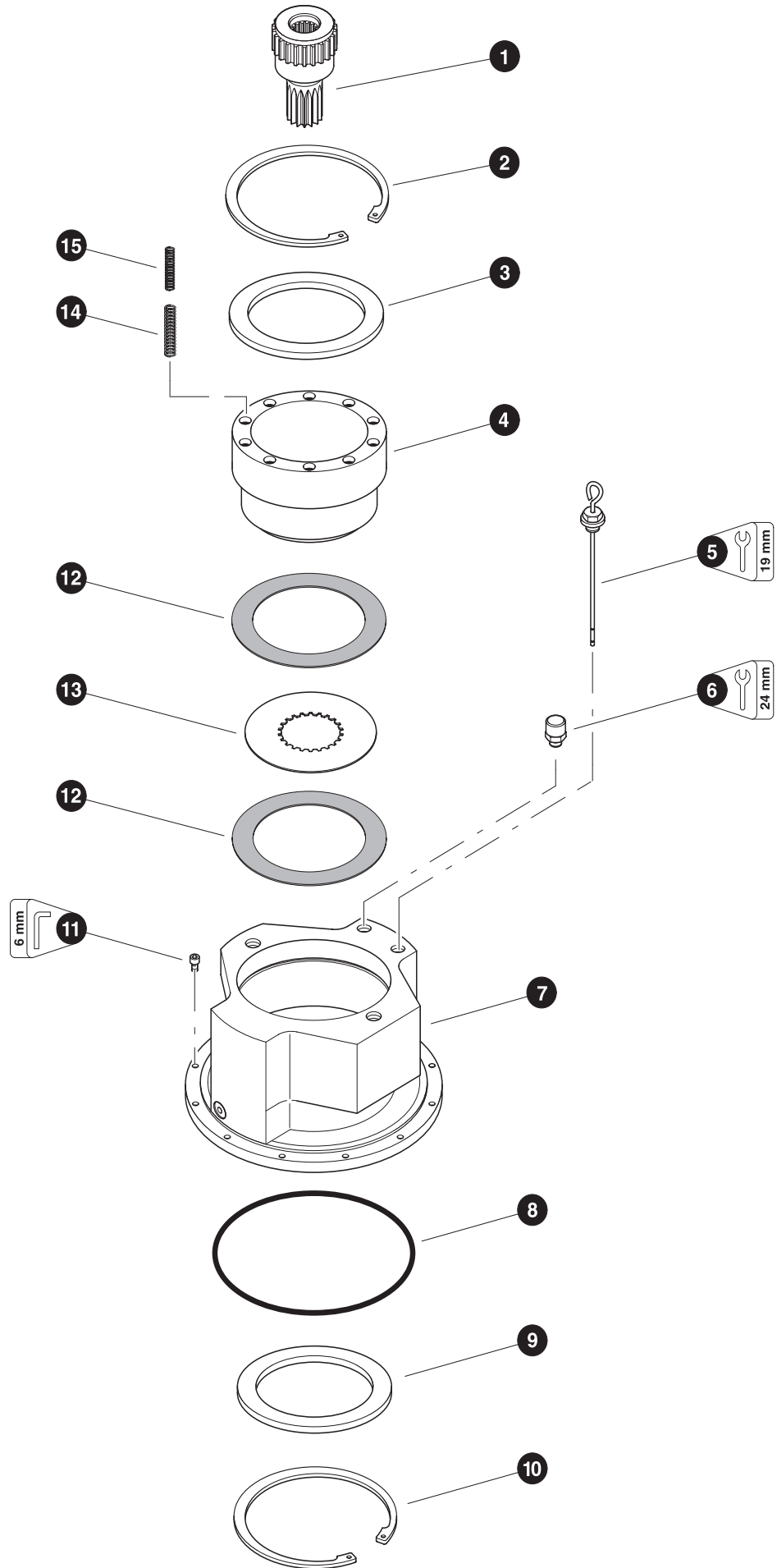
SWING MOTOR HYDRAULICS (swing motor installation)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
--	20070-UP	1	<input type="checkbox"/>	MOTOR/GEARBOX, swing - Lohmann Gearbox & 45cc motor	
1	20661-UP	1		BOLT - 16mm-2.0P x 35mm	
2	17312-UP	1	<input type="checkbox"/>	MOTOR, hydraulic - Rexroth A2FE45 cc	
	17238-UP	1	<input type="checkbox"/>	MOTOR, hydraulic - Rexroth A2FE56 cc (Optional)	
3	21576-UP	1		SEAL, shaft	
4	21577-UP	1		O-RING, front cover	
5	21578-UP	1		COVER, front	
6	21579-UP	1		RING, seal retaining	
7	21580-UP	1		O-RING, motor pilot	
8	22694-UP	1		GEARBOX - Lohmann	

Kit or Assembly - includes all items indented underneath.

Note:

Due to warranty policy restrictions imposed by component suppliers, it is not recommended that the component be disassembled further than is shown in the illustration.



Parts 00626 11/10/2000
25.00

SWING MOTOR HYDRAULICS (swing gearbox breakdown)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	22694-UP	1		GEARBOX - Lohmann	
1	21565-UP	1		SHAFT, brake	
2	21566-UP	1		RING, snap - upper brake	
3	21567-UP	1		PLATE, back-up - upper brake	
4	21568-UP	1		PISTON, brake	
5	21569-UP	1	☐	DIPSTICK	
	21571-UP	1		RING, seal	
6	21570-UP	1	☐	BREATHER	
	21571-UP	1		RING, seal	
7	NSS	1		HOUSING, brake	
8	21572-UP	1		O-RING, brake housing	
9	21573-UP	1		PLATE, back-up - lower brake	
10	21574-UP	1		RING, snap - lower brake	
11	21575-UP	12		BOLT, allen head - 8mm x 25mm	
12	NSS	5	⌘	DISC, brake	
13	NSS	4	⌘	DISC, spacer	
14	NSS	10	⌘	SPRING, outer	
15	NSS	10	⌘	SPRING, inner	
--	20788-UP	1		KIT, repair - brake disc	

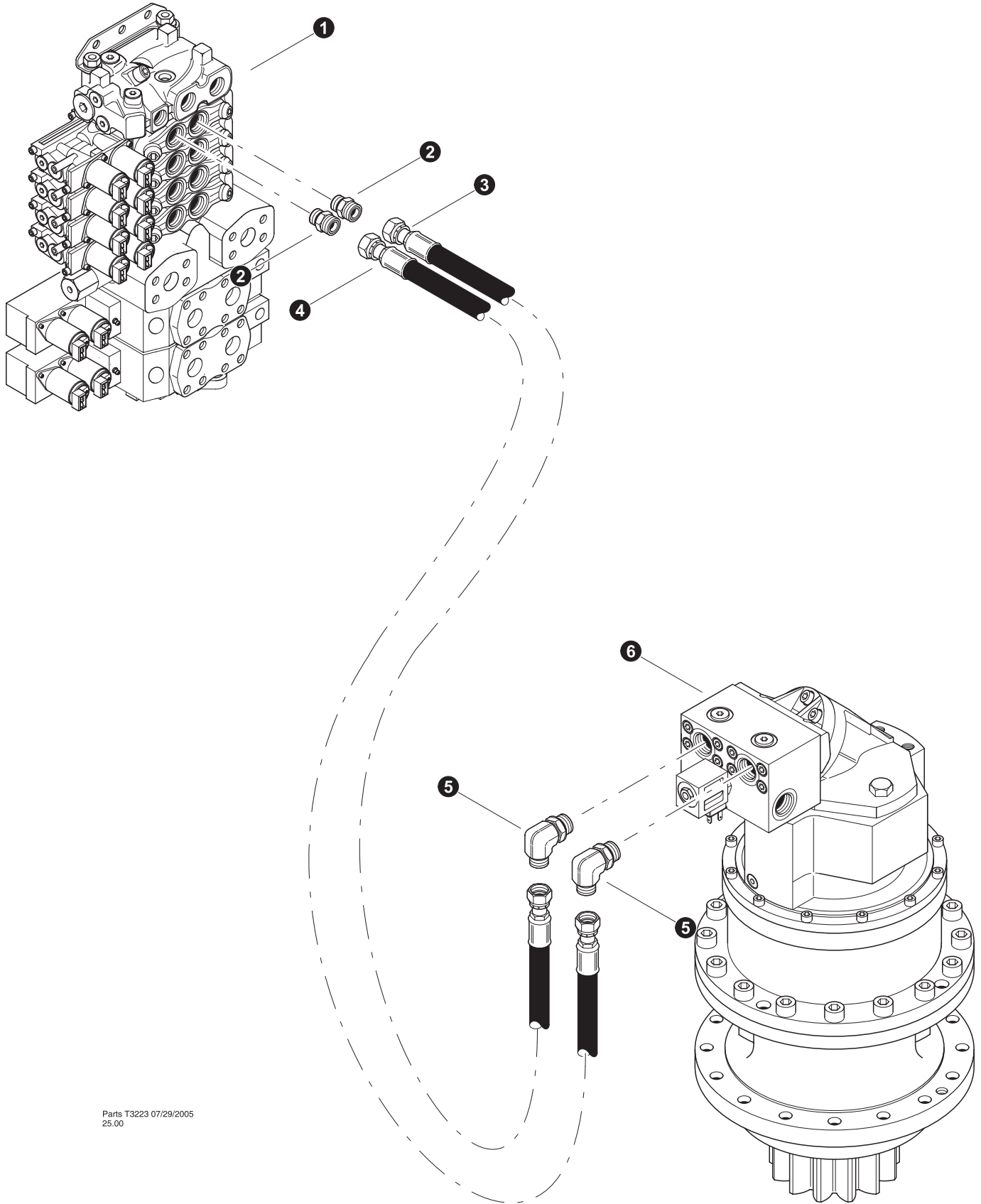
- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in disc brake kit PN# 20788-UP.

Note:

Due to warranty policy restrictions imposed by component suppliers, it is not recommended that the component be disassembled further than is shown in the illustration.



Section LH-5


Loader Hydraulics - Implement Function Connections

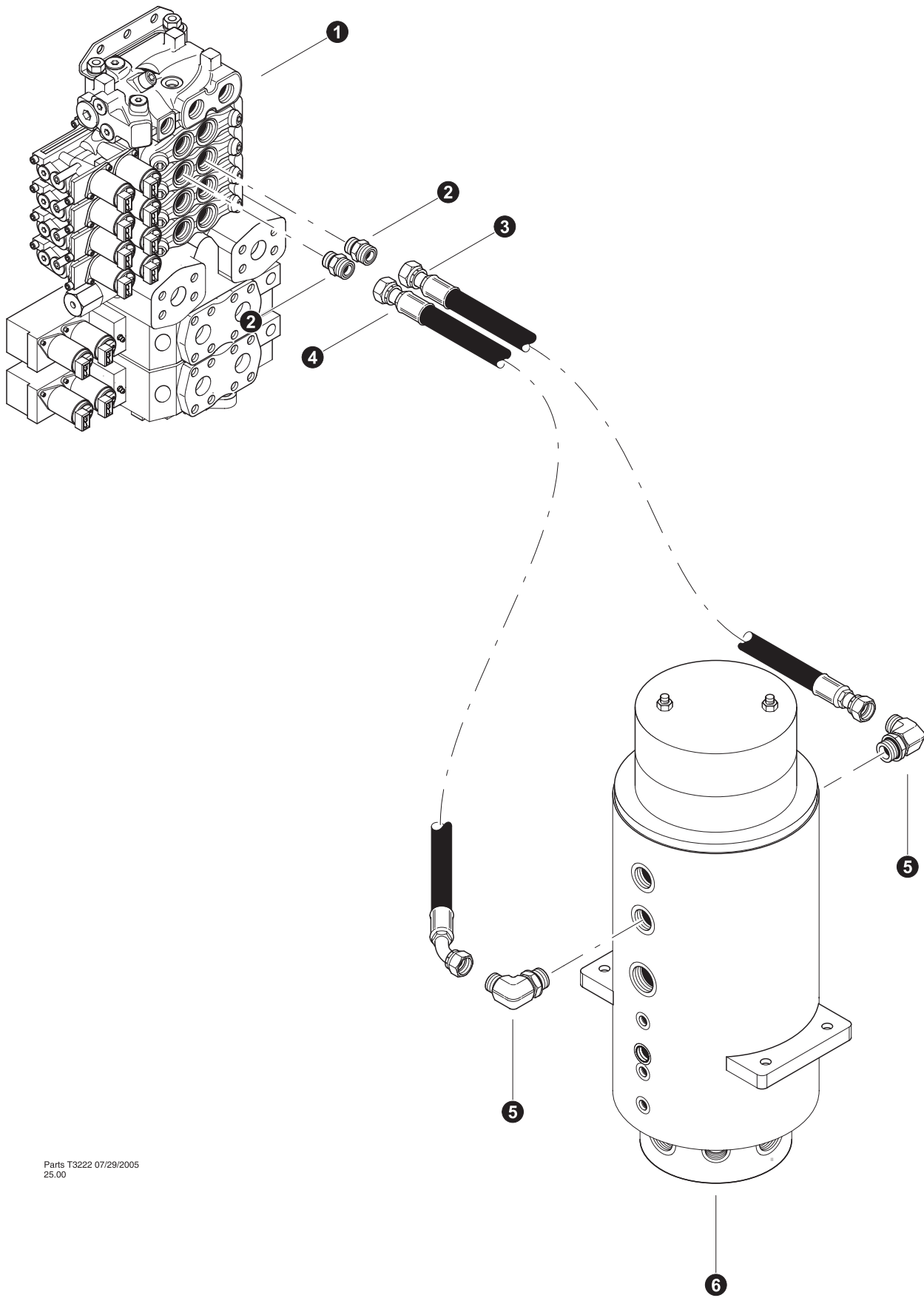


Parts T3223 07/29/2005
25.00

CAB SWING FUNCTION LINES (Main Control Valve To Swing Motor)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	LH-2
2	50039-LH	2	CONNECTOR, STR - 848-TTO-10X10	
3	-LH	1	HOSE ASSEMBLY - 4069-10-100S-100S (<i>Swing valve section work port "A" to swing motor anti-cav "Left" port</i>)	
4	-LH	1	HOSE ASSEMBLY - 4075-10-100S-100S (<i>Swing valve section work port "B" to swing motor anti-cav "Right" port</i>)	
5	50036-LH	3	ELBOW, 90 - 849-TTO-10X12	
6	REF.	1	 MOTOR/GEARBOX - SWING.....	LH-4


 See referenced page for component or assembly breakdown.

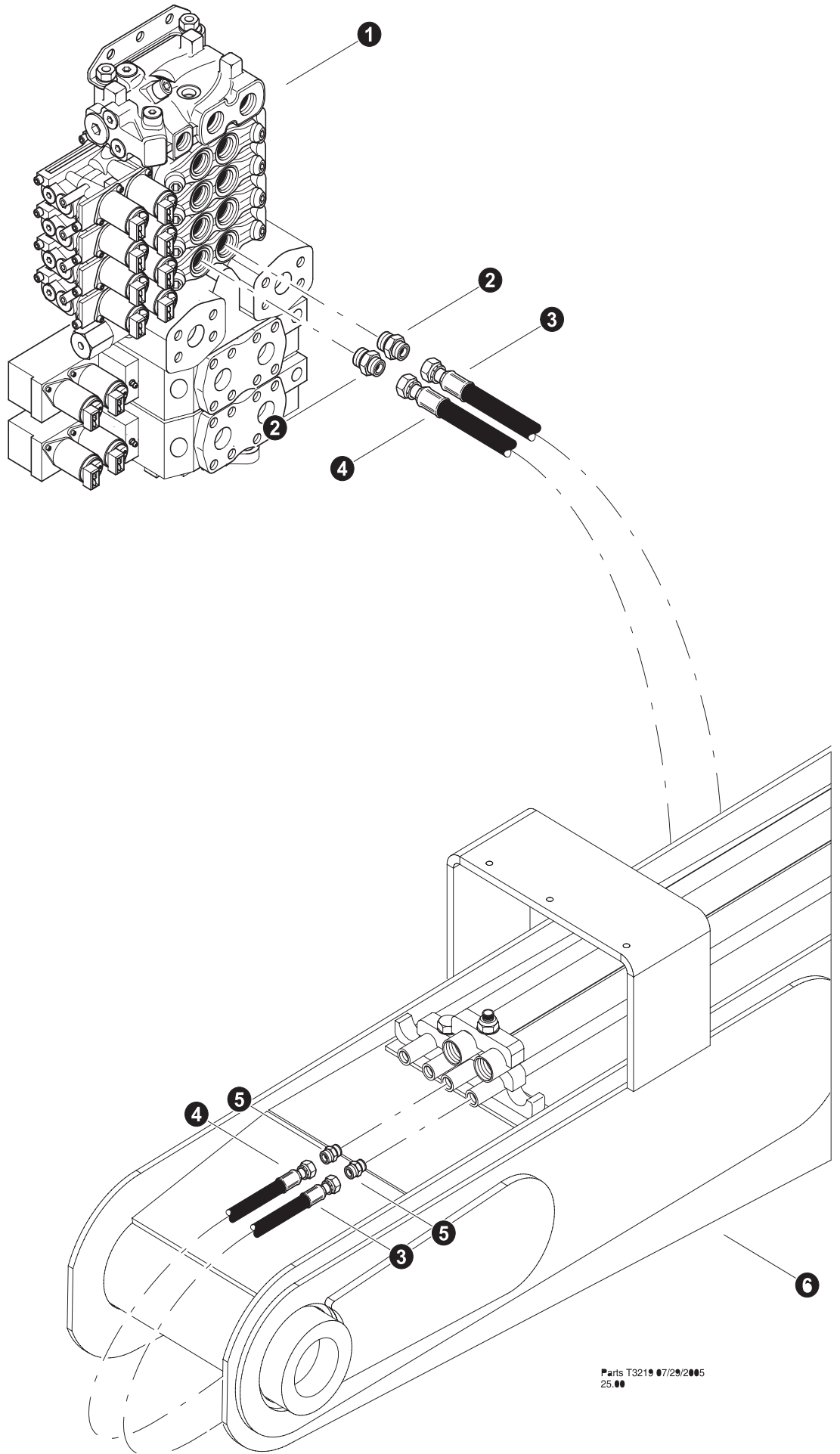


Parts T3222 07/29/2005
25.00

STEER FUNCTION LINES (Main Control Valve To Upper Rotary Manifold Ports)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	LH-2
2	50039-LH	2	CONNECTOR, STR - 848-TTO-10X10	
3	-LH	1	HOSE ASSEMBLY - 4030-10-100S-100S(<i>Steer valve section work port "A" to rotary manifold #10 port</i>)	
4	-LH	1	HOSE ASSEMBLY - 4036.5-10-100S-1004(<i>Steer valve section work port "B" to rotary manifold #9 port</i>)	
5	50036-LH	3	ELBOW, 90 - 849-TTO-10X12	
6	REF.	1	 ROTORY MANIFOLD ASSEMBLY.....	UP-1


 See referenced page for component or assembly breakdown.

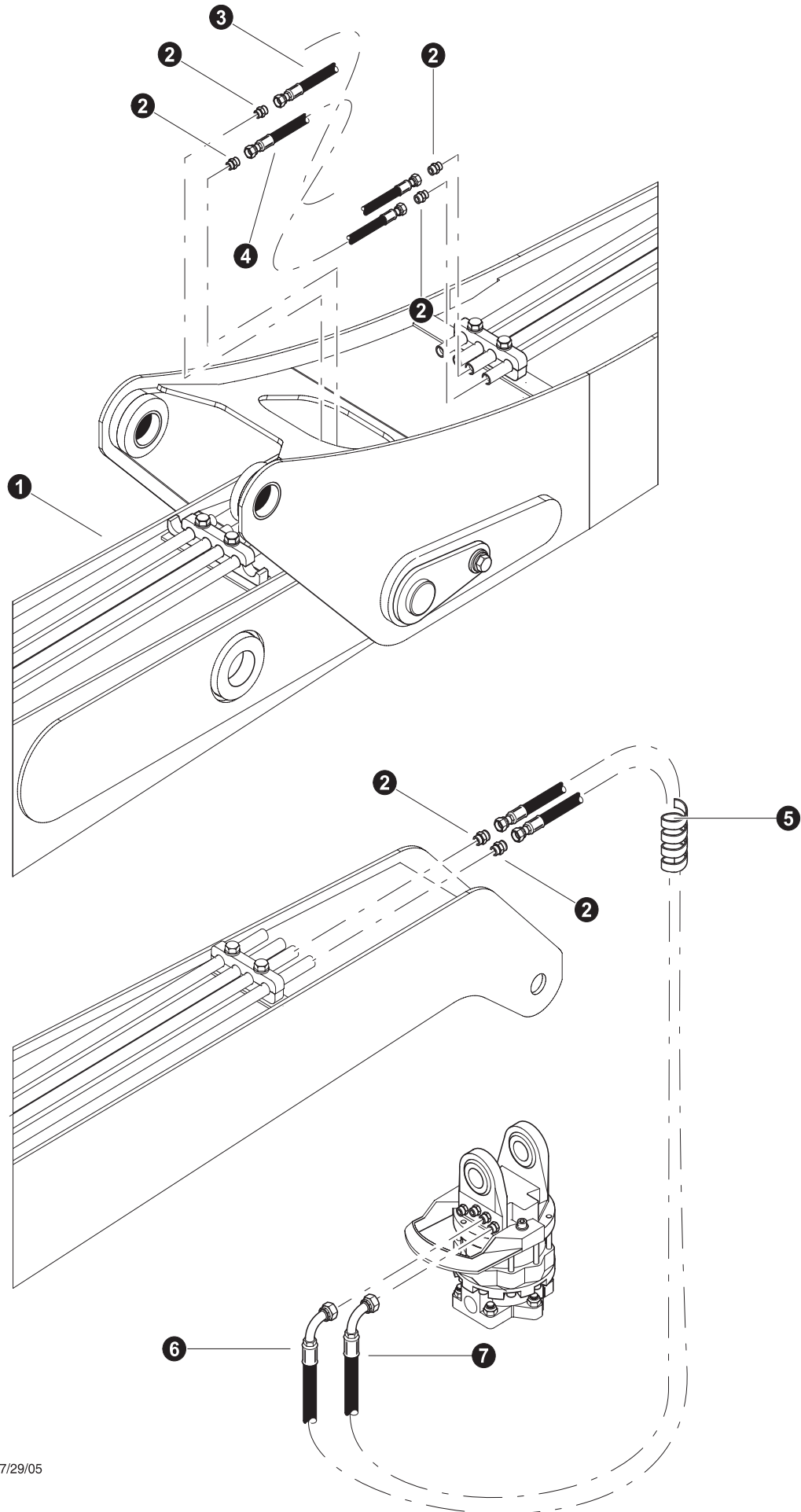


Parts T3219 07/29/2005
25.00

GRAPPLE OPEN/CLOSE FUNCTION (Main Control Valve To Main Boom Tube Lines)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	LH-2
2	15115-LB	2	CONNECTOR, straight - FF1852T-0810S	
3	-LB	1	HOSE ASSEMBLY - 4069-08-080S-080S (<i>Grapple valve section work port "A" to main boom right outside tube line</i>)	
4	-LB	1	HOSE ASSEMBLY - 4067-08-080S-080S (<i>Grapple valve section work port "B" to main boom right inside tube line</i>)	
5	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
6	REF.	1	 MAIN BOOM ASSEMBLY	LB-1

 See referenced page for component or assembly breakdown.

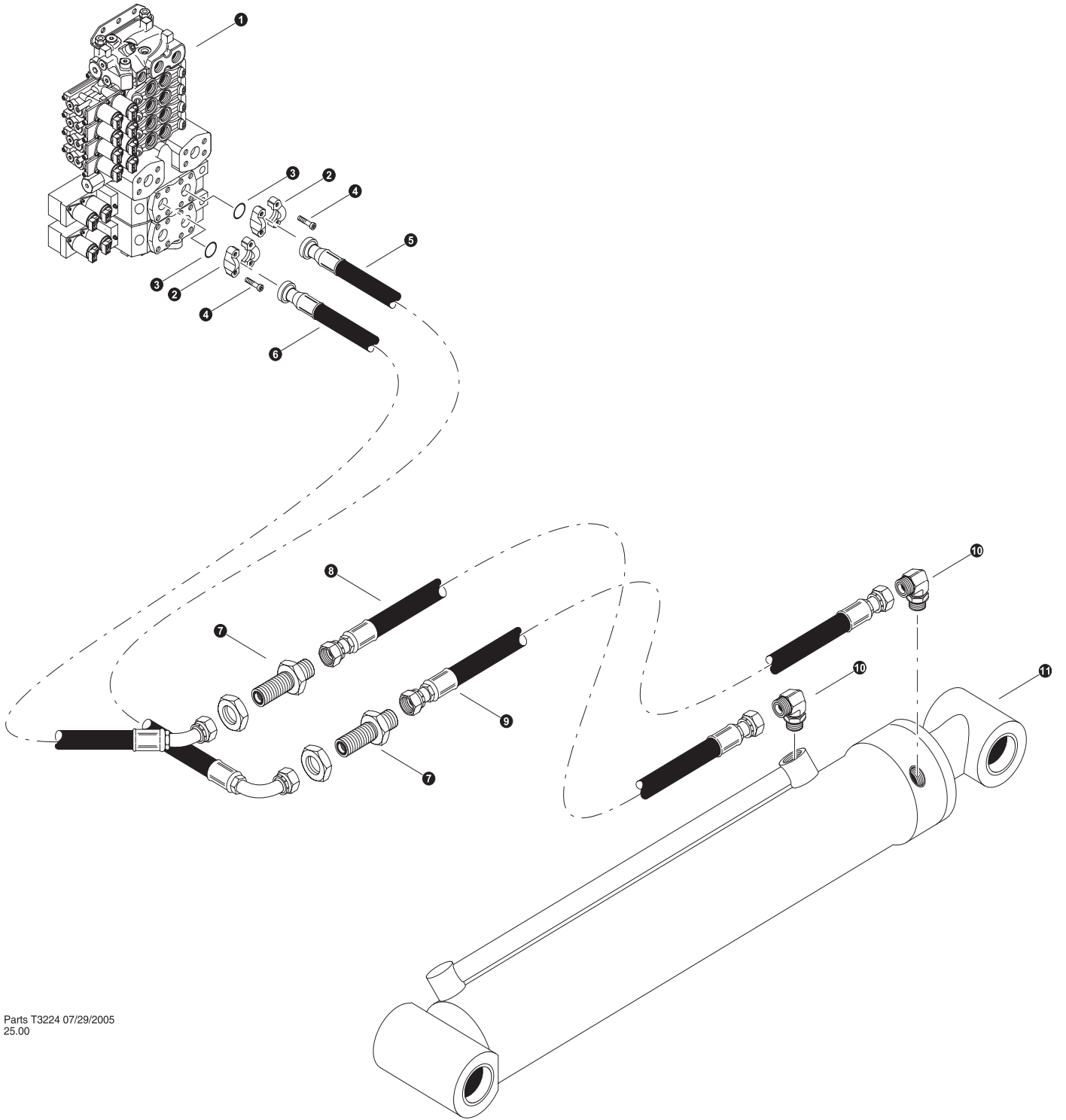


Parts T3327 07/29/05
12.5

GRAPPLE OPEN/CLOSE FUNCTION (Main & Stick Boom Tube lines to Grapple)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 LOADER BOOM ASSEMBLY	LB
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4045-08-080S-080S (<i>main boom to stick boom tube lines</i>)	
4	-LH	1	HOSE ASSEMBLY - 4045-08-080S-080S (<i>main boom to stick boom tube lines</i>)	
5	19677-LH	6 ft	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)	
6	51482-LH	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>stick boom tube lines to grapple rotator</i>)	
7	51482-LH	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>stick boom tube lines to grapple rotator</i>)	


 See referenced page for component or assembly breakdown.

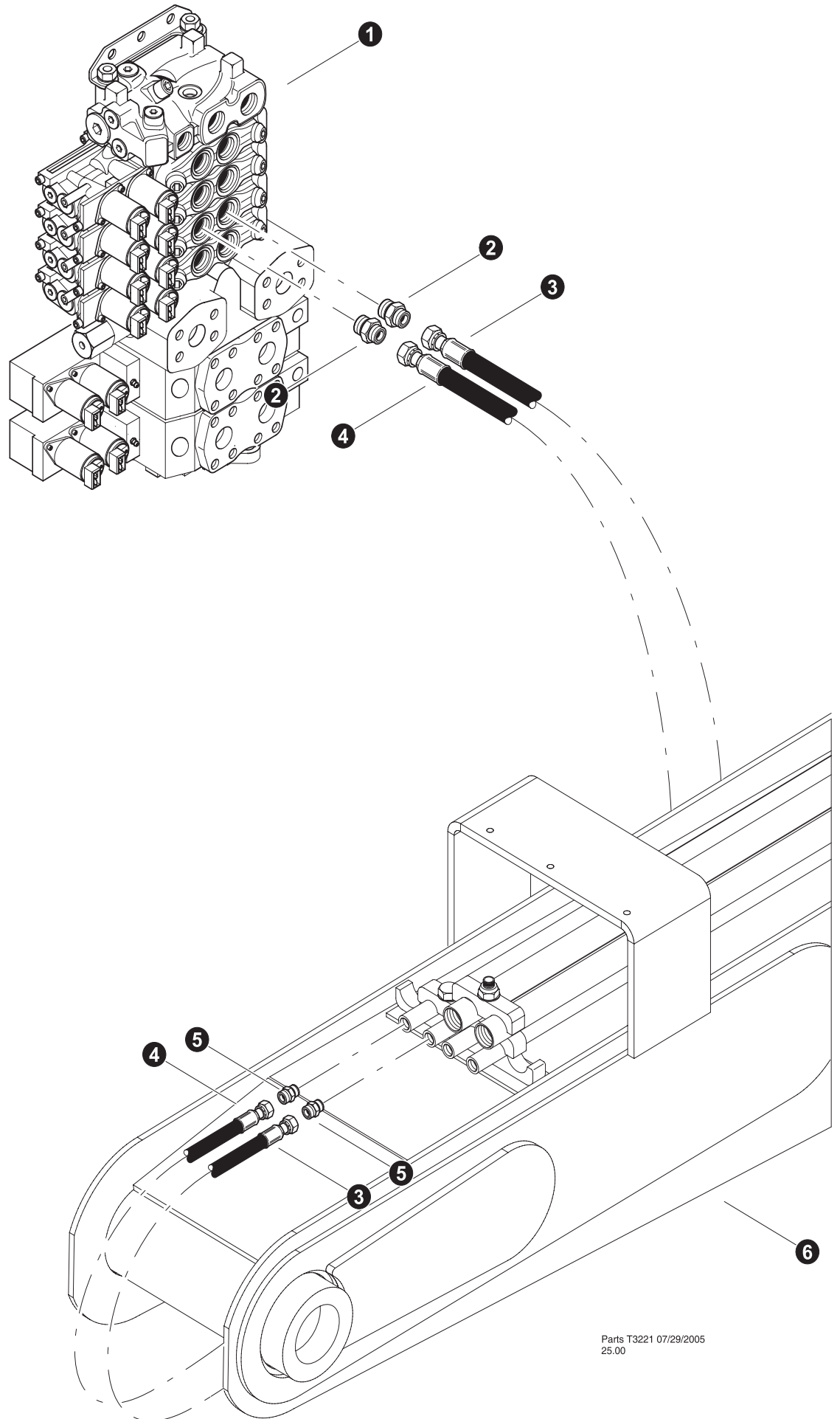


Parts T3224 07/29/2005
25.00

MAIN BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom (Hoist) Cylinder)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	LH-2
2	15111-HH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-HH	2	O-RING - 1" SF	
4	18979-HH	8	BOLT, allen M10 X 45MM	
5	-LB	1	HOSE ASSEMBLY - 4032-16-1609-16PA (Main boom valve work port "B" to main boom cylinder bulkhead)	
6	-LB	1	HOSE ASSEMBLY - 4024-16-1604-16PA (Main boom valve work port "A" to main boom cylinder bulkhead)	
7	20033-LH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
8	-LB	1	HOSE ASSEMBLY - 4053-16-160S-160S (main boom bulkhead to main boom cylinder base port)	
9	50864-LB	1	HOSE ASSEMBLY - 4061-16-160S-160S (main boom bulkhead to main boom cylinder rod port)	
10	REF.	1	 MAIN BOOM (HOIST) CYLINDER	LB-3


 See referenced page for component or assembly breakdown.

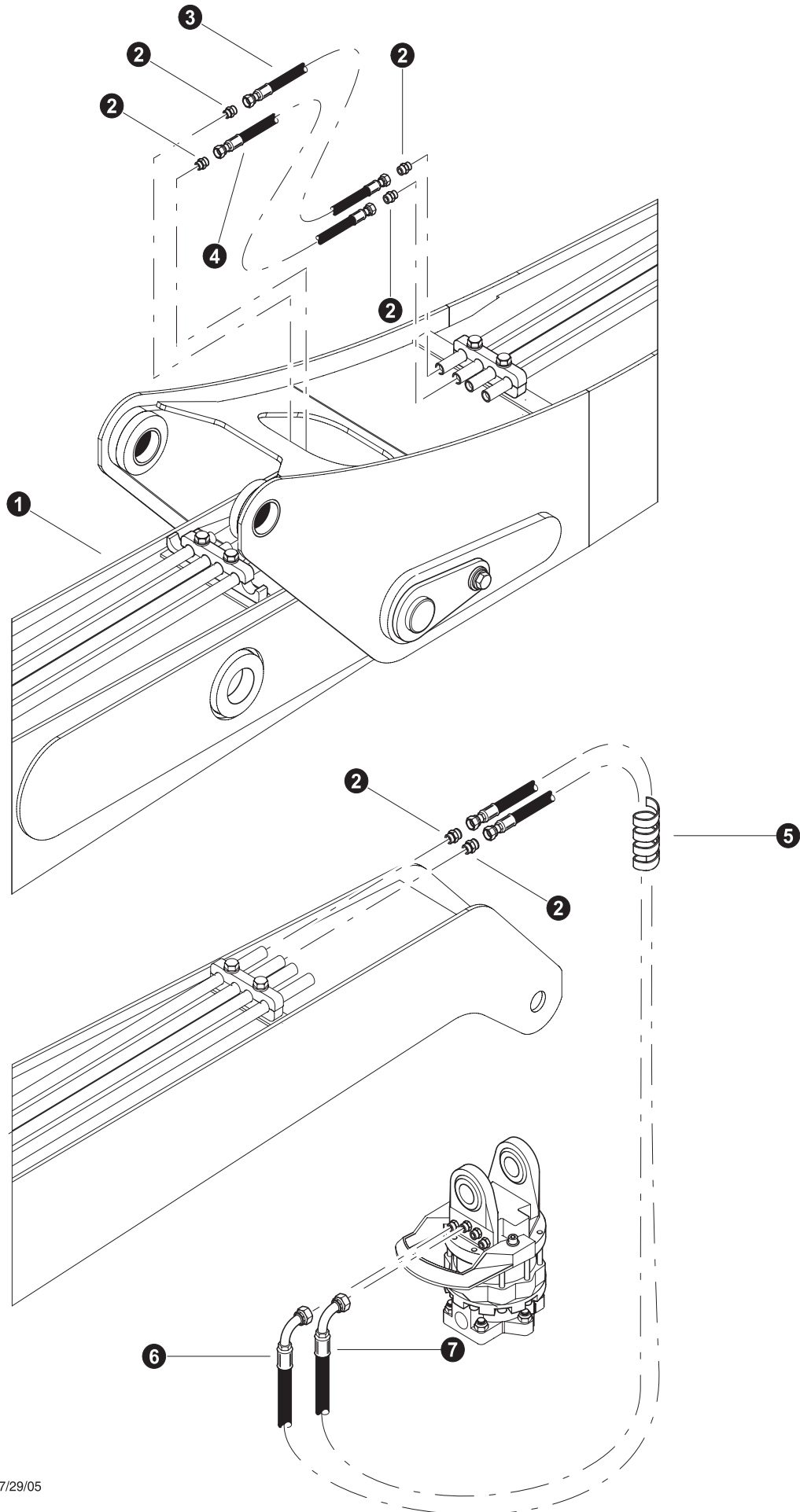


Parts T3221 07/29/2005
25.00

GRAPPLE ROTATE FUNCTION (Main Control Valve To Main Boom Tube Lines)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	LH-2
2	15115-LB	2	CONNECTOR, straight - FF1852T-0810S	
3	-LB	1	HOSE ASSEMBLY - 4068-08-080S-080S (<i>Rotate valve section work port "A" to main boom left inside tube line</i>)	
4	-LB	1	HOSE ASSEMBLY - 4066-08-080S-080S (<i>Rotate valve section work port "B" to main boom left outside tube line</i>)	
5	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
6	REF.	1	 MAIN BOOM ASSEMBLY	LB-1


 See referenced page for component or assembly breakdown.

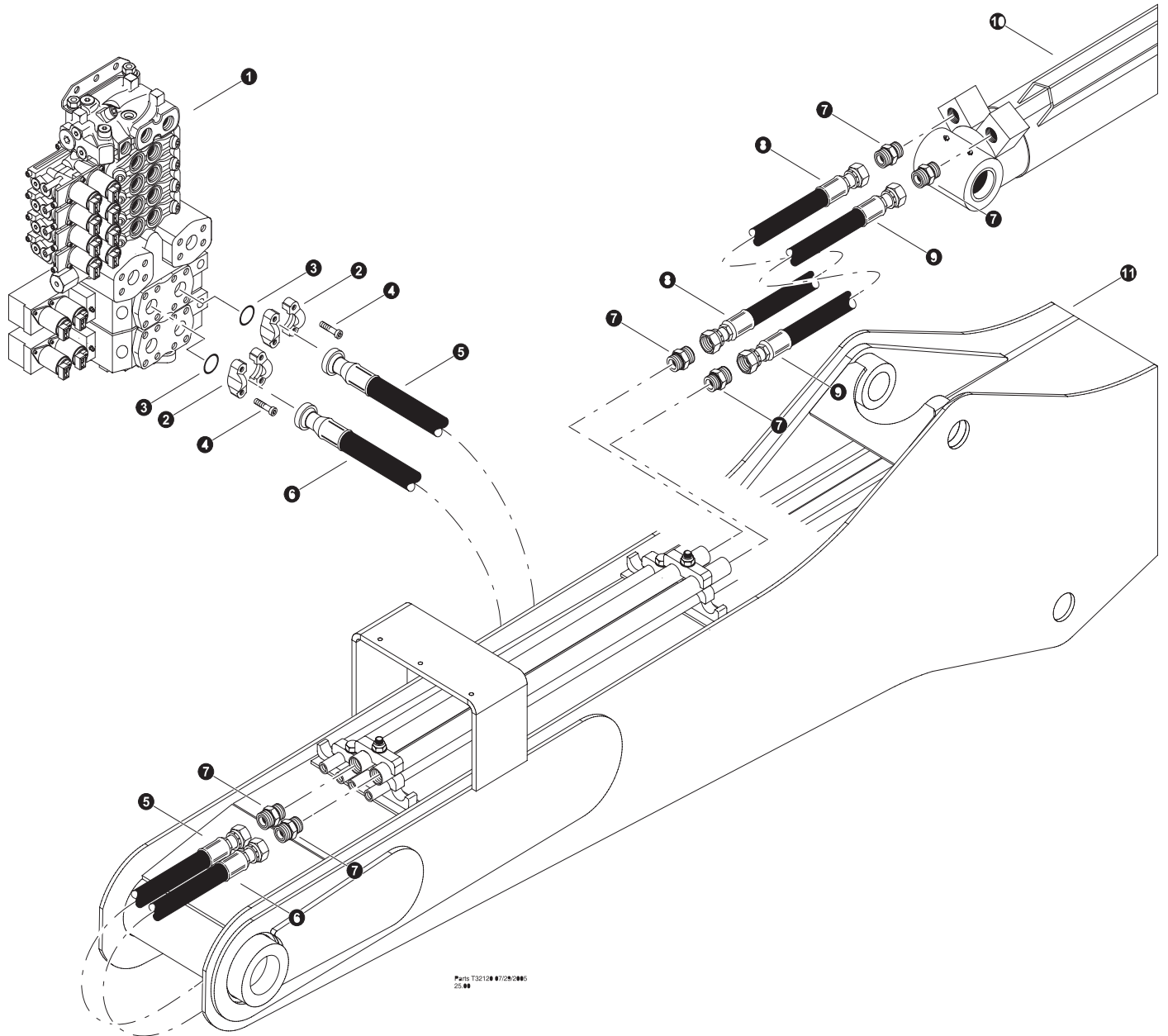


Parts T3325 07/29/05
12.5






GRAPPLE ROTATE FUNCTION (Main & Stick Boom Tube lines to Grapple)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 LOADER BOOM ASSEMBLY	LB
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4045-08-080S-080S (<i>main boom to stick boom tube lines</i>)	
4	-LH	1	HOSE ASSEMBLY - 4045-08-080S-080S (<i>main boom to stick boom tube lines</i>)	
5	19677-LH	6 ft	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)	
6	51482-LH	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>stick boom tube lines to grapple rotator</i>)	
7	51482-LH	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>stick boom tube lines to grapple rotator</i>)	

 See referenced page for component or assembly breakdown.



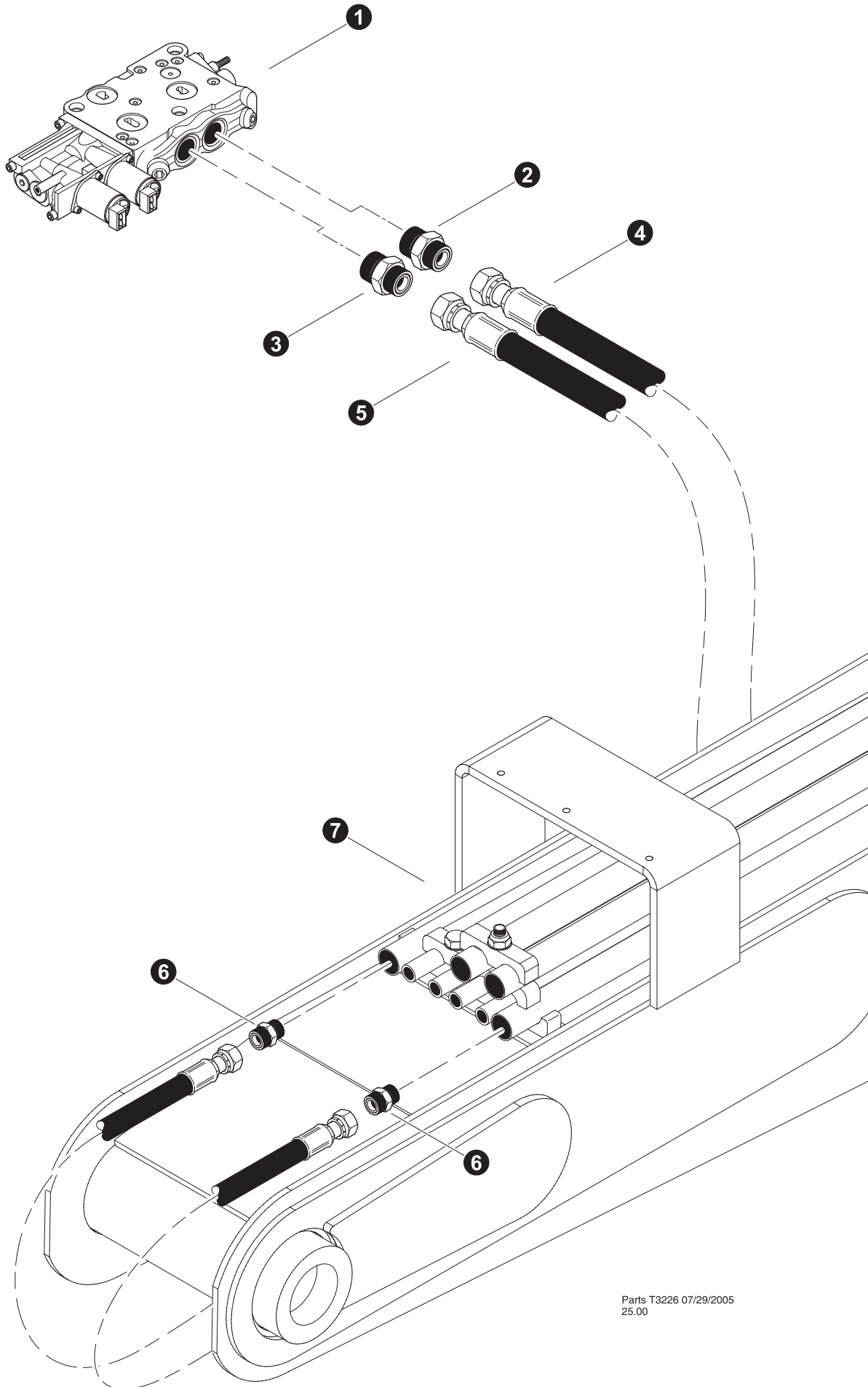
STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	LH-2
2	15111-HH	2	 KIT, split flange - 1" SF (<i>Code 61</i>)	
3	15377-HH	2	O-RING - 1" SF	
4	18979-HH	8	BOLT, allen M10 X 45MM	
5	-LB	1	HOSE ASSEMBLY - 4075.5-16-1609-16PA (<i>Stick boom valve work port "B" to main boom tube line base side</i>)	
6	-LB	1	HOSE ASSEMBLY - 4075.5-16-1604-16PA (<i>Stick boom valve work port "A" to main boom tube line rod side</i>)	
7	18406-LH	6	 CONNECTOR, STR - FF1852T-1612S	
8	-LB	1	HOSE ASSEMBLY - 4024.5-16-160S-16OS (<i>Stick Cylinder to main boom tube line base side</i>)	
9	-LB	1	HOSE ASSEMBLY - 4025-16-16OS-16OS (<i>Stick Cylinder to main boom tube line rod side</i>)	
10	REF.	1	 STICK BOOM CYLINDER.....	LB-3
11	REF.	1	 MAIN BOOM ASSEMBLY.....	LB-1

 See referenced page for component or assembly breakdown.

Section LH-6



Loader Hydraulics - (Optional) Squirt Boom Connections



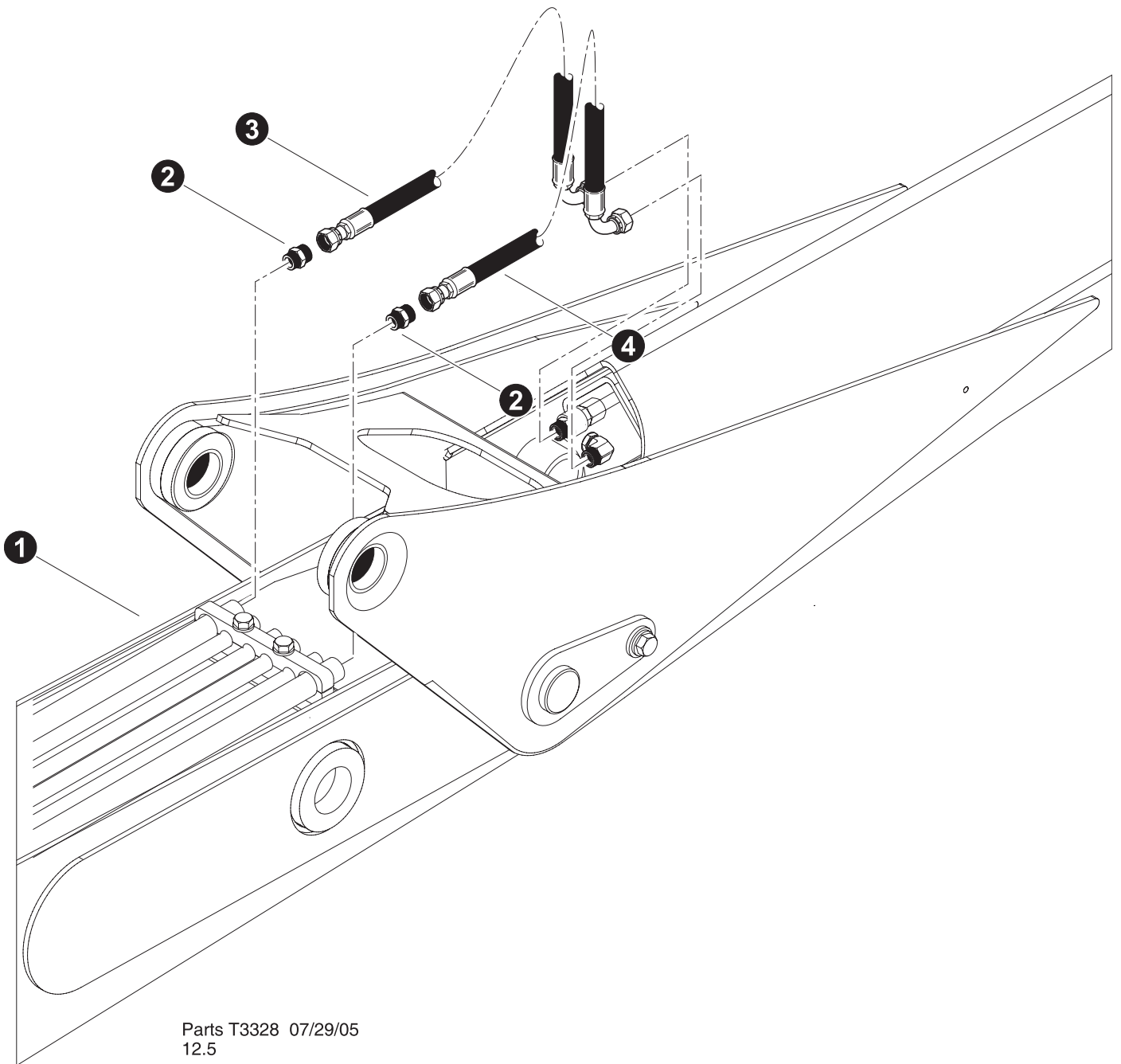
Parts T3226 07/29/2005
25.00

SQUIRT BOOM CONNECTIONS

(Main Control Valve To Squirt Cylinder tube lines)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 VALVE SECTION - SQUIRT	LH-2
2	16851-LH	1	CONNECTOR, STR - FF1852T-1210S	
3	16851-LH	1	CONNECTOR, STR - FF1852T-1210S	
4	-LH	1	HOSE ASSEMBLY - 4067-12-120S-120S (<i>Squirt Boom Section "A" port to Main Boom</i>)	
5	-LH	1	HOSE ASSEMBLY - 4067-12-120S-120S (<i>Squirt Boom Section "B" port to Main Boom</i>)	
6	15152-LH	2	CONNECTOR, STR - FF1852T-1212S	
7	REF.	1	 MAIN BOOM ASSEMBLY	LB-1


 See referenced page for component or assembly breakdown.

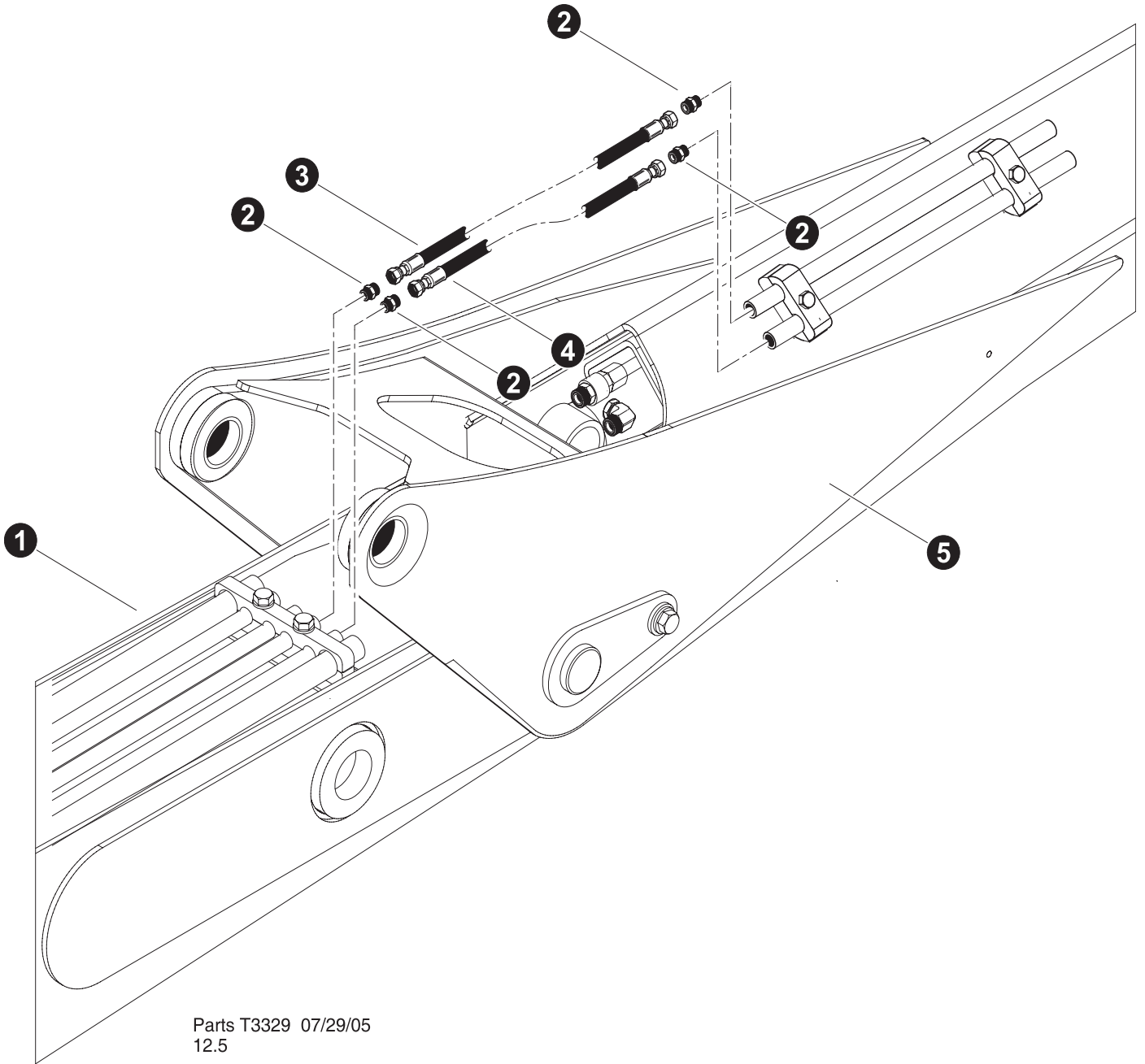


Parts T3328 07/29/05
12.5

SQUIRT BOOM CONNECTIONS (Main Boom To Squirt Cylinder)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN / SQUIRT BOOM ASSEMBLY	LB-1
2	15152-LH	2	CONNECTOR, STR - FF1852T-1212S	
3	-LH	1	HOSE ASSEMBLY - 4042-12-120S-1209 (<i>Main Boom tube line to Squirt Boom Cylinder</i>)	
4	-LH	1	HOSE ASSEMBLY - 4042-12-120S-1209 (<i>Main Boom tube line to Squirt Boom Cylinder</i>)	


 See referenced page for component or assembly breakdown.

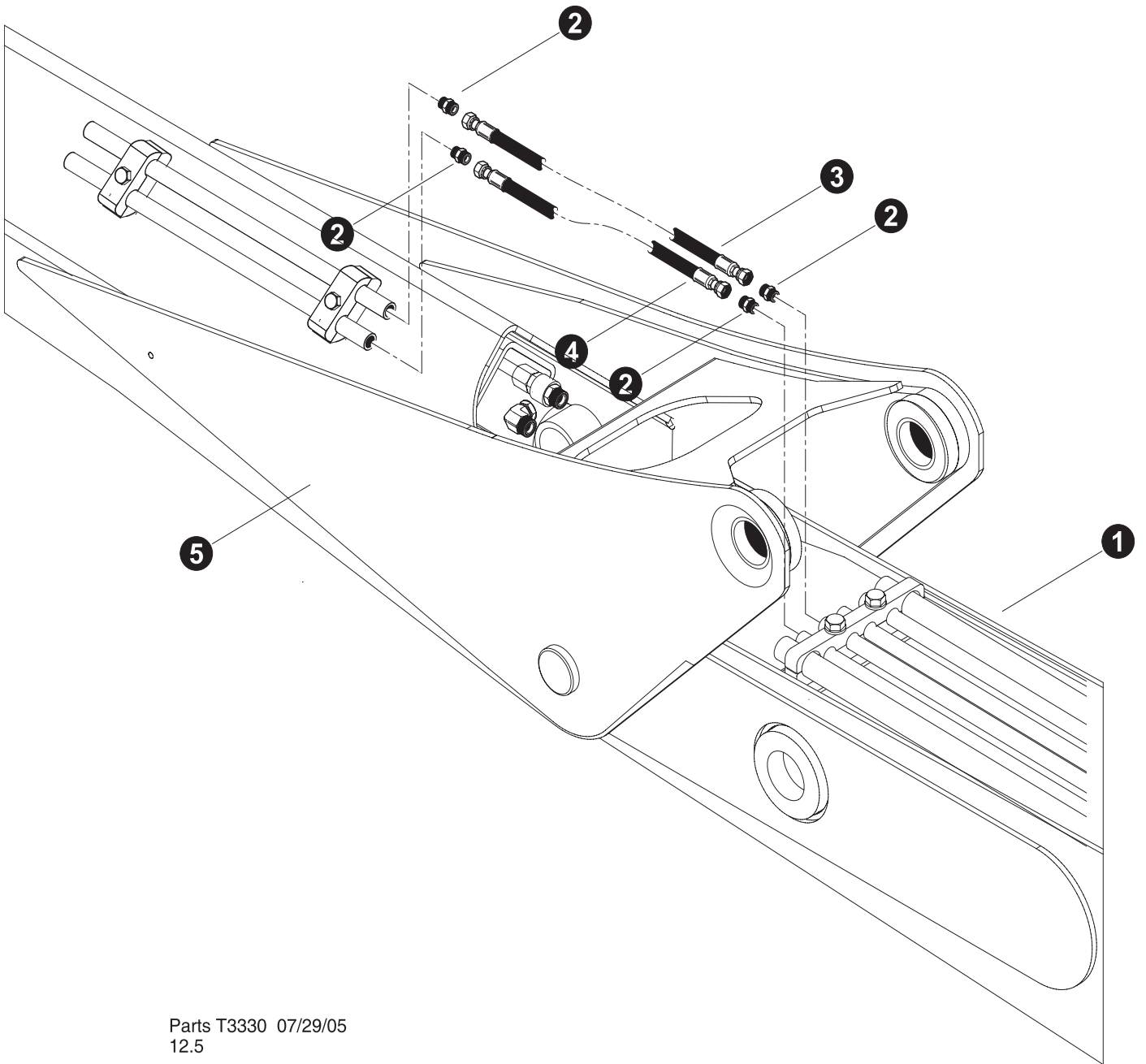


Parts T3329 07/29/05
12.5

SQUIRT BOOM CONNECTIONS
(Cab Side - Main Boom To Squirt Boom Tube Lines)
(Grapple Open and Close)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	LB-1
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom tube line</i>)	
4	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom tube line</i>)	
5	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1

 See referenced page for component or assembly breakdown.

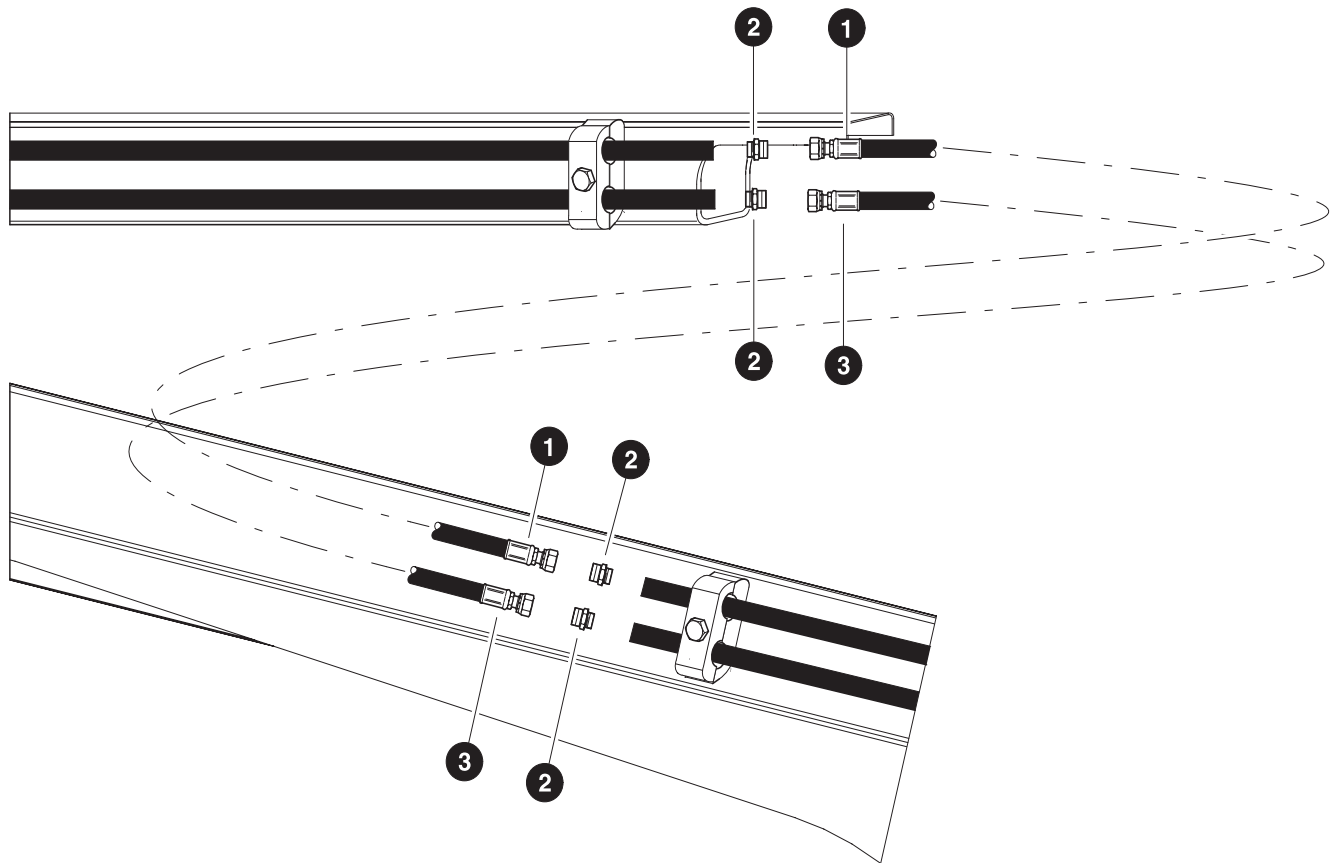
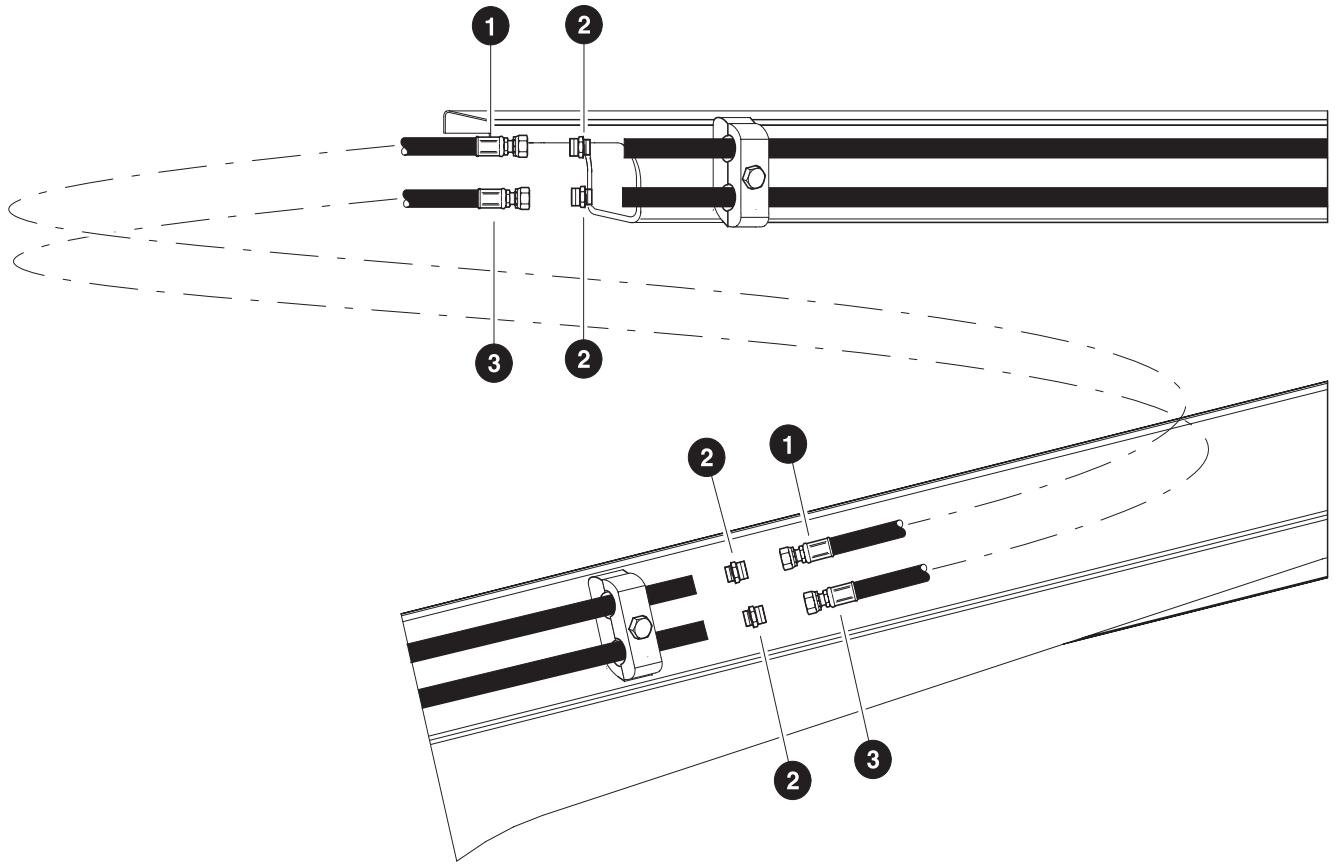


Parts T3330 07/29/05
12.5

SQUIRT BOOM CONNECTIONS
(Valve Side - Main Boom To Squirt Boom Tube Lines)
(Grapple Rotate)

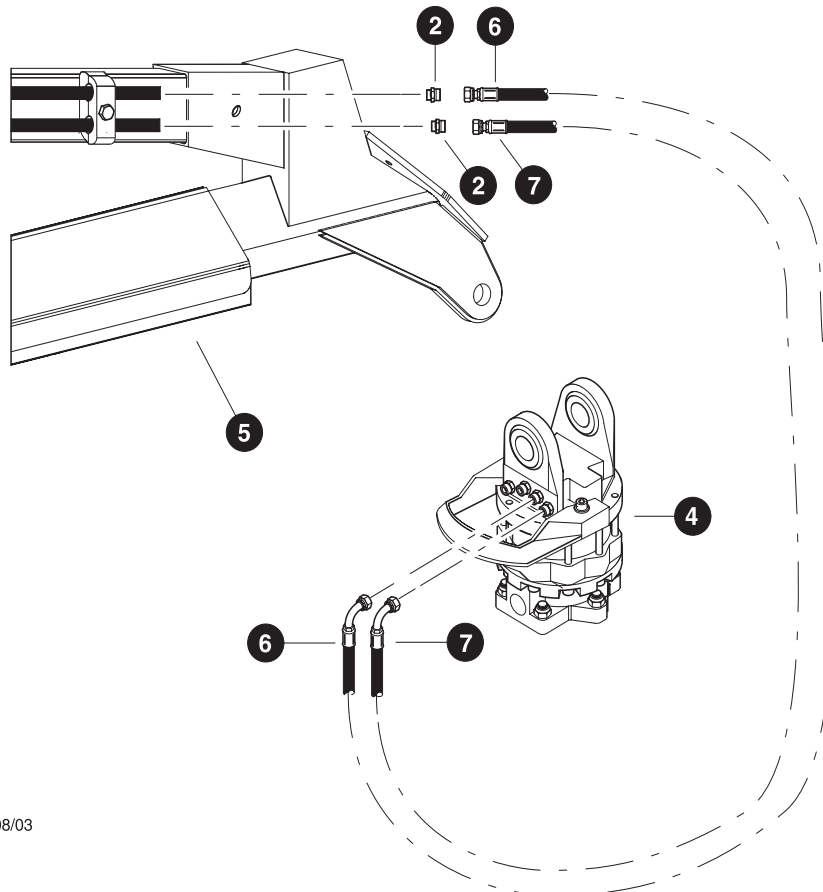
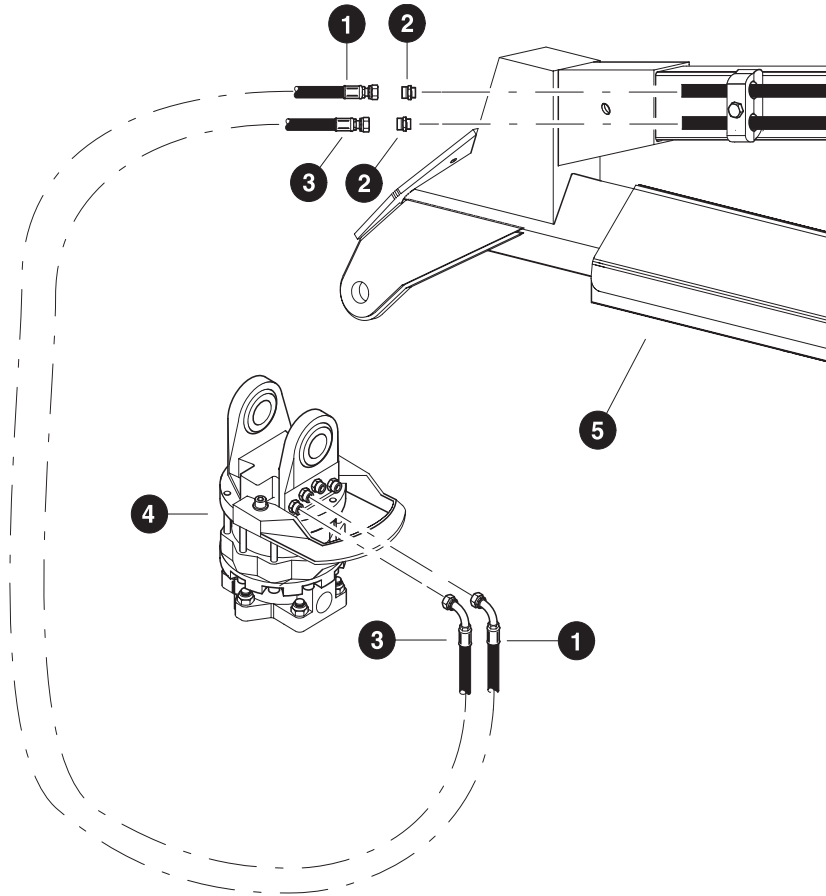
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	LB-1
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom tube line</i>)	
4	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom tube line</i>)	
5	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1

 See referenced page for component or assembly breakdown.





SQUIRT BOOM CONNECTIONS (Squirt boom Stinger Connections)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	---	2	HOSE ASSEMBLY - 4092-08-080S-080S (Squirt boom lowertube line to Singer lower tubeline)	
2	15117-LB	4	CONNECTOR, STR FF 1852T - 08-08S	
3	---	2	HOSE ASSEMBLY - 4092-08-080S-080S (Squirt boom lowertube line to Singer lower tubeline)	



Parts T2746 07/08/03
12.50

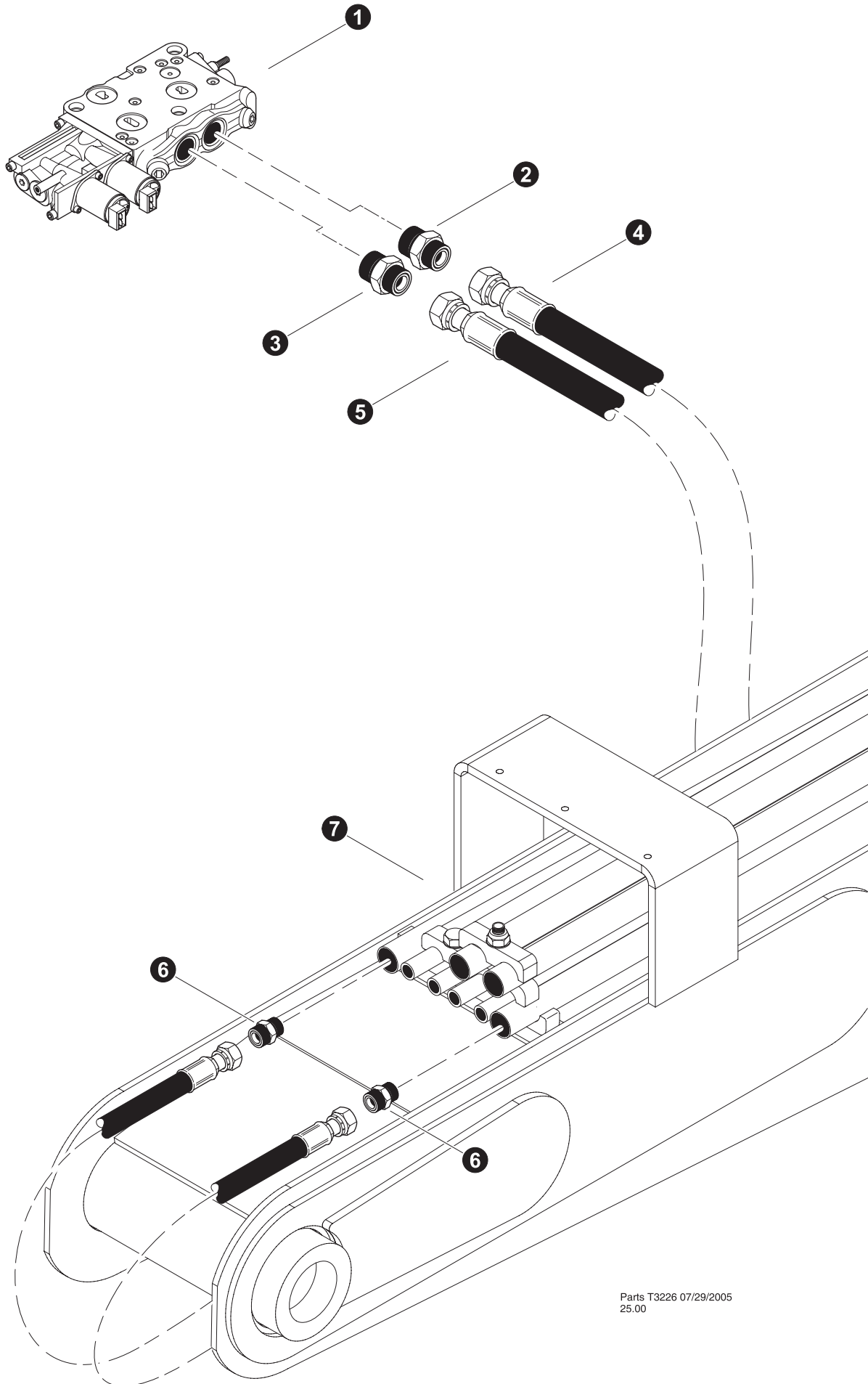
SQUIRT BOOM CONNECTIONS (Squirt Boom Tube lines To Grapple Rotator)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	-LB	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>Squirt boom top engine-side hoseline to grapple middle engine-side port</i>)	
2	15117-LB	4	CONNECTOR, STR FF 1852T - 08-08S	
3	-LB	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>Squirt boom bottom engine-side hoseline to grapple outer engine-side port</i>)	
4	REF.	1	 ROTATOR, GV17.....	LB-5
5	REF.	1	 SQUIRT BOOM ASSY.	LB-2
6	-LB	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>Squirt boom top cab-side hoseline to grapple middle cab-side port</i>)	
7	-LB	1	HOSE ASSEMBLY - 4069-08-080S-0809 (<i>Squirt boom bottom cab-side hoseline to grapple outer cab-side port</i>)	

 See referenced page for component or assembly breakdown.



Section LH-7

Loader Hydraulics - Harvester / Squirt Boom Connections

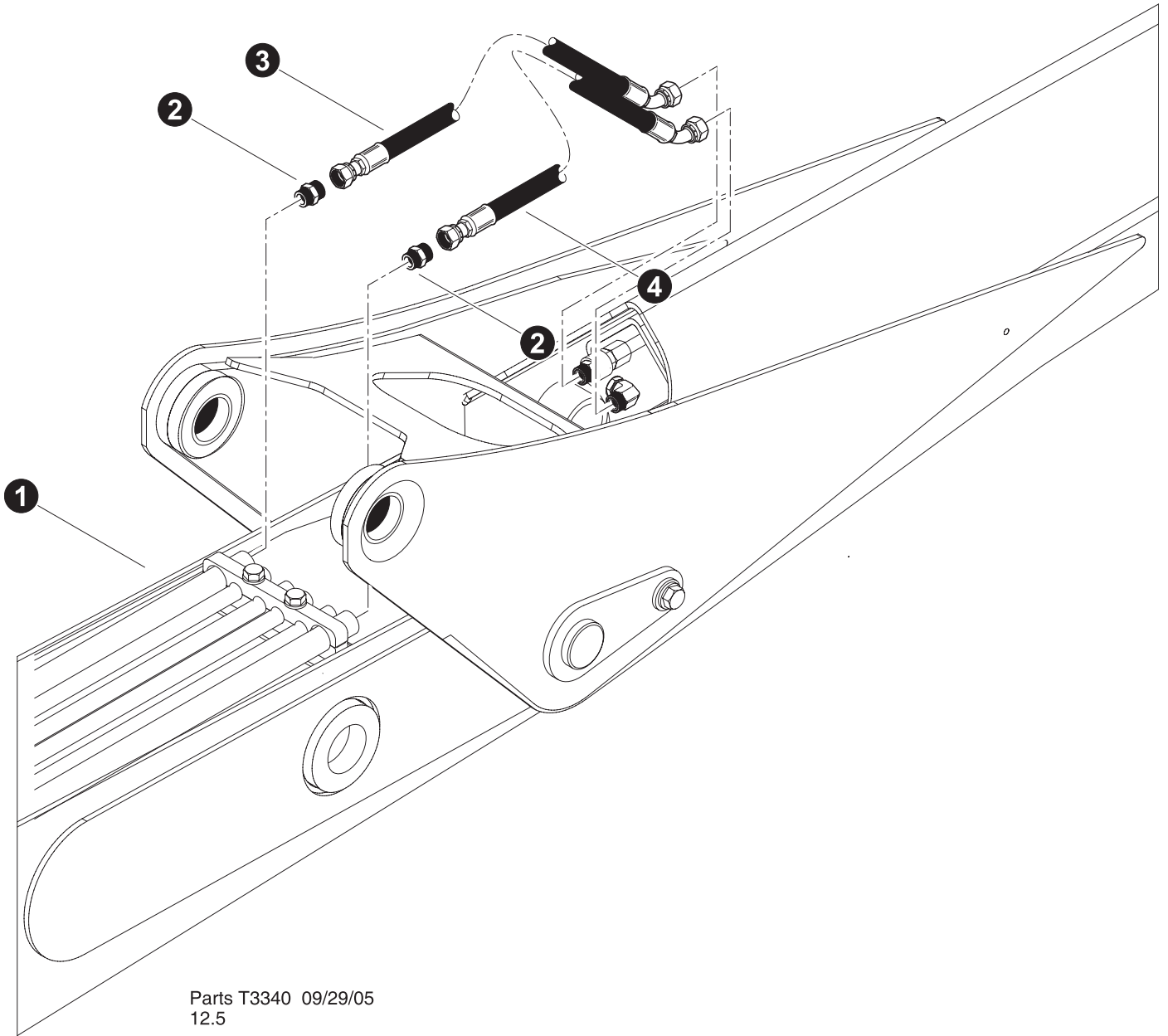


Parts T3226 07/29/2005
25.00


**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Control Valve To Squirt Cylinder tube lines)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 VALVE SECTION - SQUIRT	LH-2
2	16851-LH	1	CONNECTOR, STR - FF1852T-1210S	
3	16851-LH	1	CONNECTOR, STR - FF1852T-1210S	
4	-LH	1	HOSE ASSEMBLY - 4067-12-120S-120S (<i>Squirt Boom Section "A" port to Main Boom</i>)	
5	-LH	1	HOSE ASSEMBLY - 4067-12-120S-120S (<i>Squirt Boom Section "B" port to Main Boom</i>)	
6	15152-LH	2	CONNECTOR, STR - FF1852T-1212S	
7	REF.	1	 MAIN BOOM ASSEMBLY	LB-1

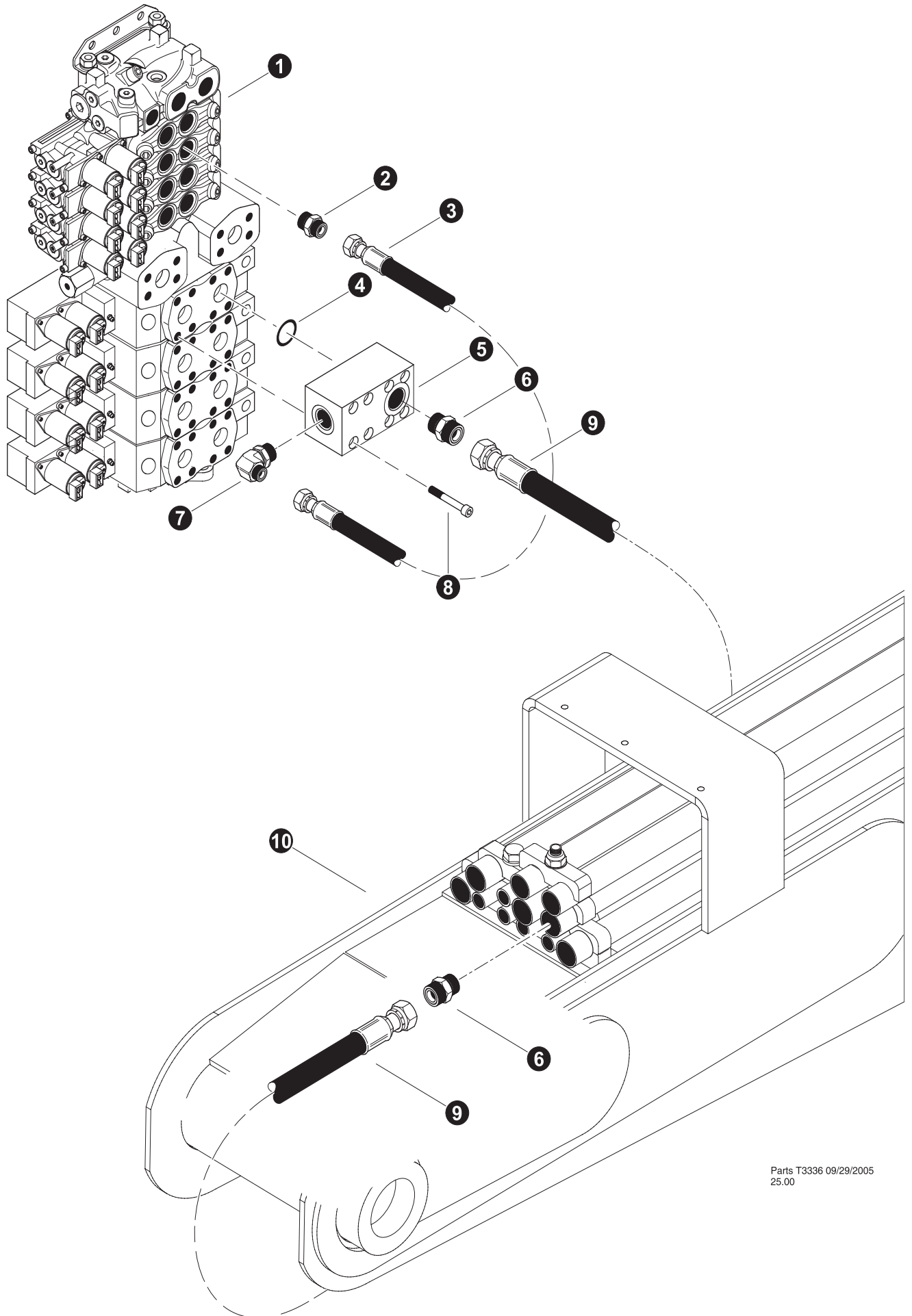
 See referenced page for component or assembly breakdown.



**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom To Squirt Cylinder)**



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN / SQUIRT BOOM ASSEMBLY	LB-1
2	15152-LH	2	CONNECTOR, STR - FF1852T-1212S	
3	-LH	1	HOSE ASSEMBLY - 4039-12-120S-1204 (<i>Main Boom tube line to Squirt Boom Cylinder</i>)	
4	-LH	1	HOSE ASSEMBLY - 4039-12-120S-1204 (<i>Main Boom tube line to Squirt Boom Cylinder</i>)	

 See referenced page for component or assembly breakdown.

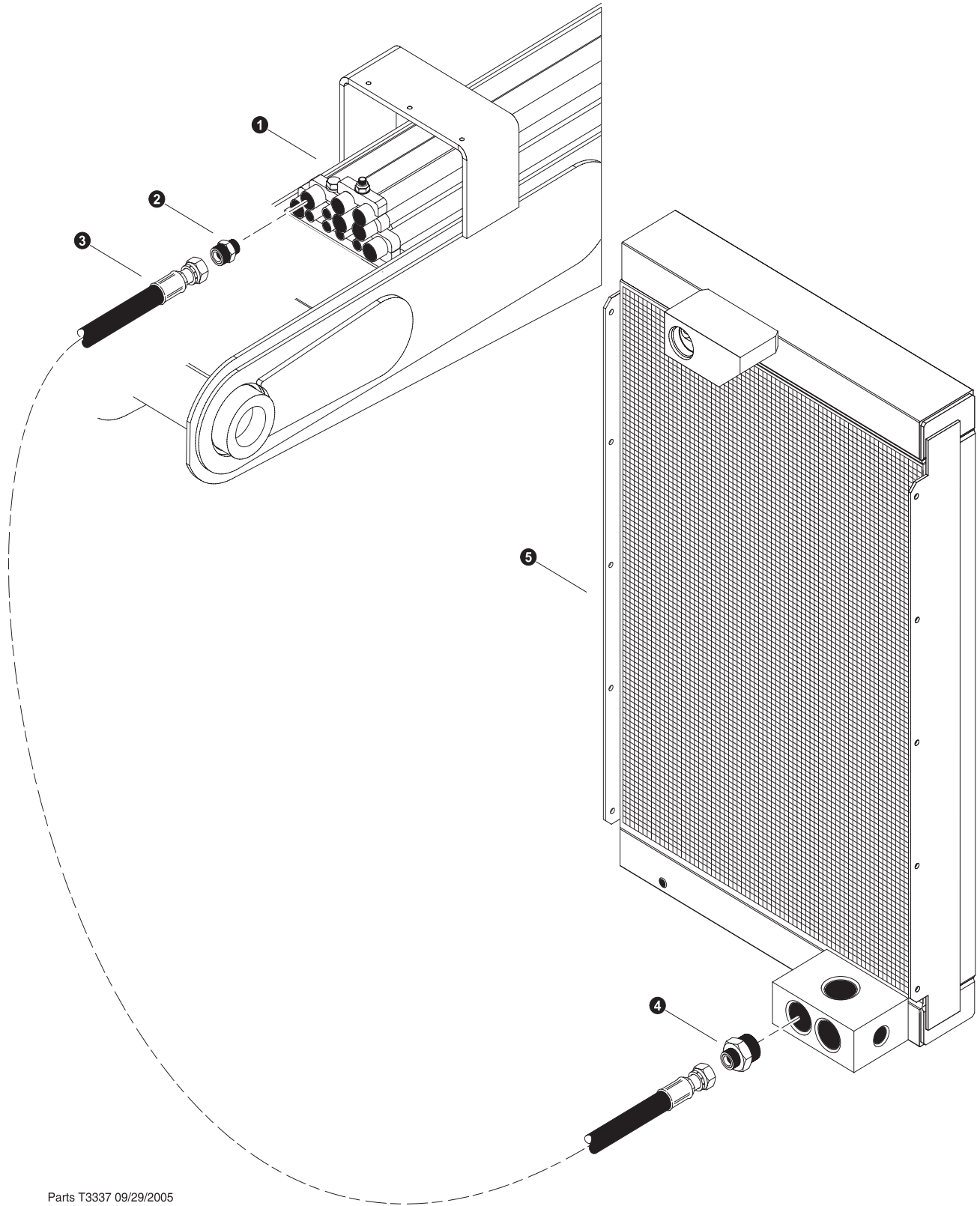


Parts T3336 09/29/2005
25.00

**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Pressure and Tank Connections)**



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	15115-LH	1	CONNECTOR, straight - FF1852T-0810S	
3	-LH	1	HOSE ASSEMBLY - 4029-08-080S-080S (<i>L90 processor valve to combined flow block</i>)	
4	15377-LH	2	O-RING - 1" SF	
5	51807-LH	1	MANIFOLD, COMBINED FLOW - VOAC COMBO	
6	15225-LH	2	CONNECTOR, STR - FF1852T-1616S	
7	15372-LH	1	ELBOW, 90 - FF1868T-0812S	
8	50117-LH	8	BOLT, ALLEN HEAD - 10MM-1.5P X 75MM	
9	-LH	1	HOSE ASSEMBLY - 4075-16-160S-160S (<i>Combined flow block to Main Boom</i>)	
10	REF.	1	 MAIN BOOM ASSEMBLY	LB-1

 See referenced page for component or assembly breakdown.

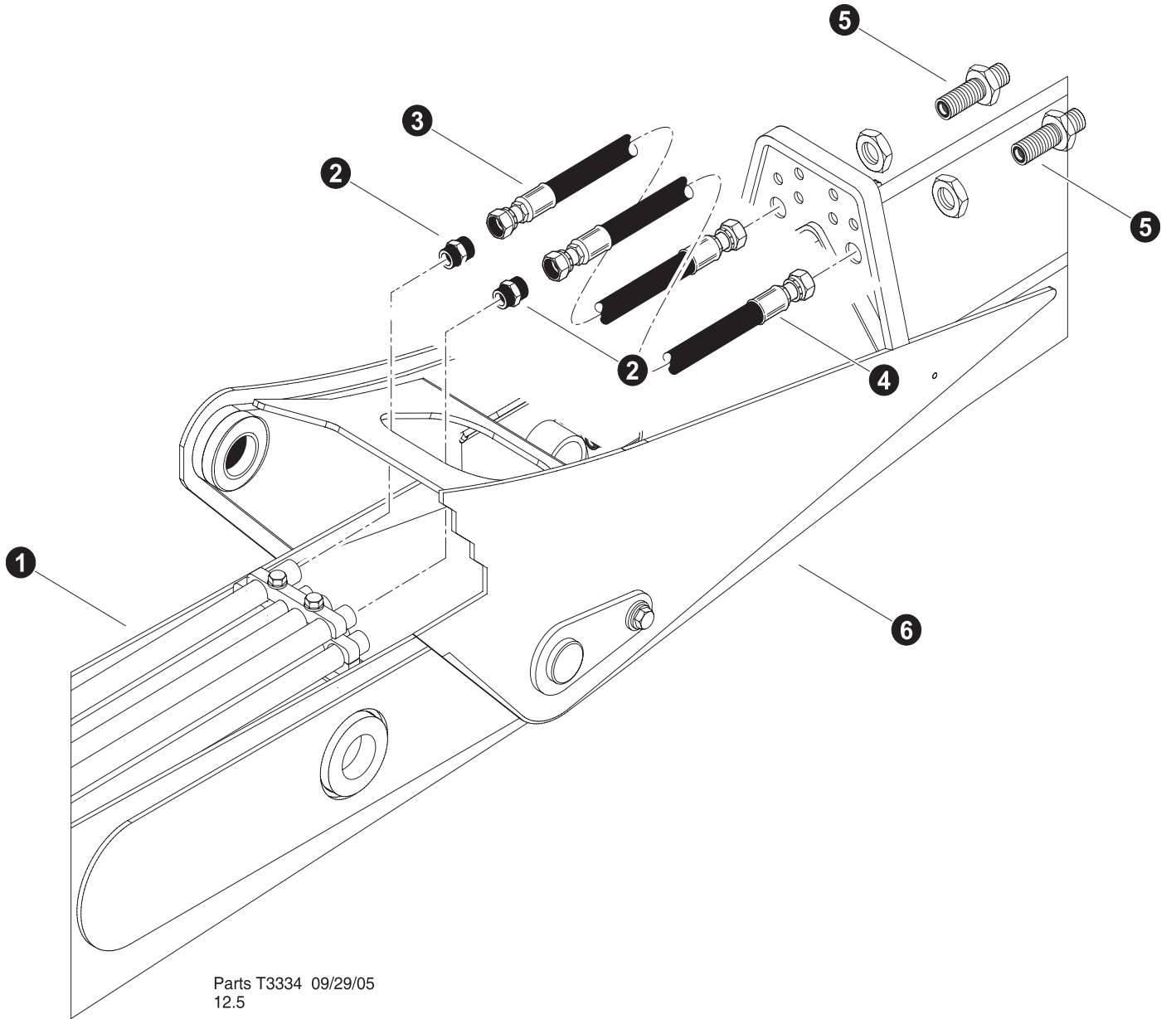


Parts T3337 09/29/2005
25.00



HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom - Pressure and Tank Connections)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		MAIN BOOM ASSEMBLY	LB-1
2	15225-LH	2		CONNECTOR, STR - FF1852T-1616S	
3	-LH	1		HOSE ASSEMBLY - 2169.5-20-160S-160S (<i>Attachment Return to Oil Cooler</i>)	
4	16542-LH	1		CONNECTOR, STR - FF1852T-1620S	
5	REF.	1		OIL COOLER ASSEMBLY	UP-3

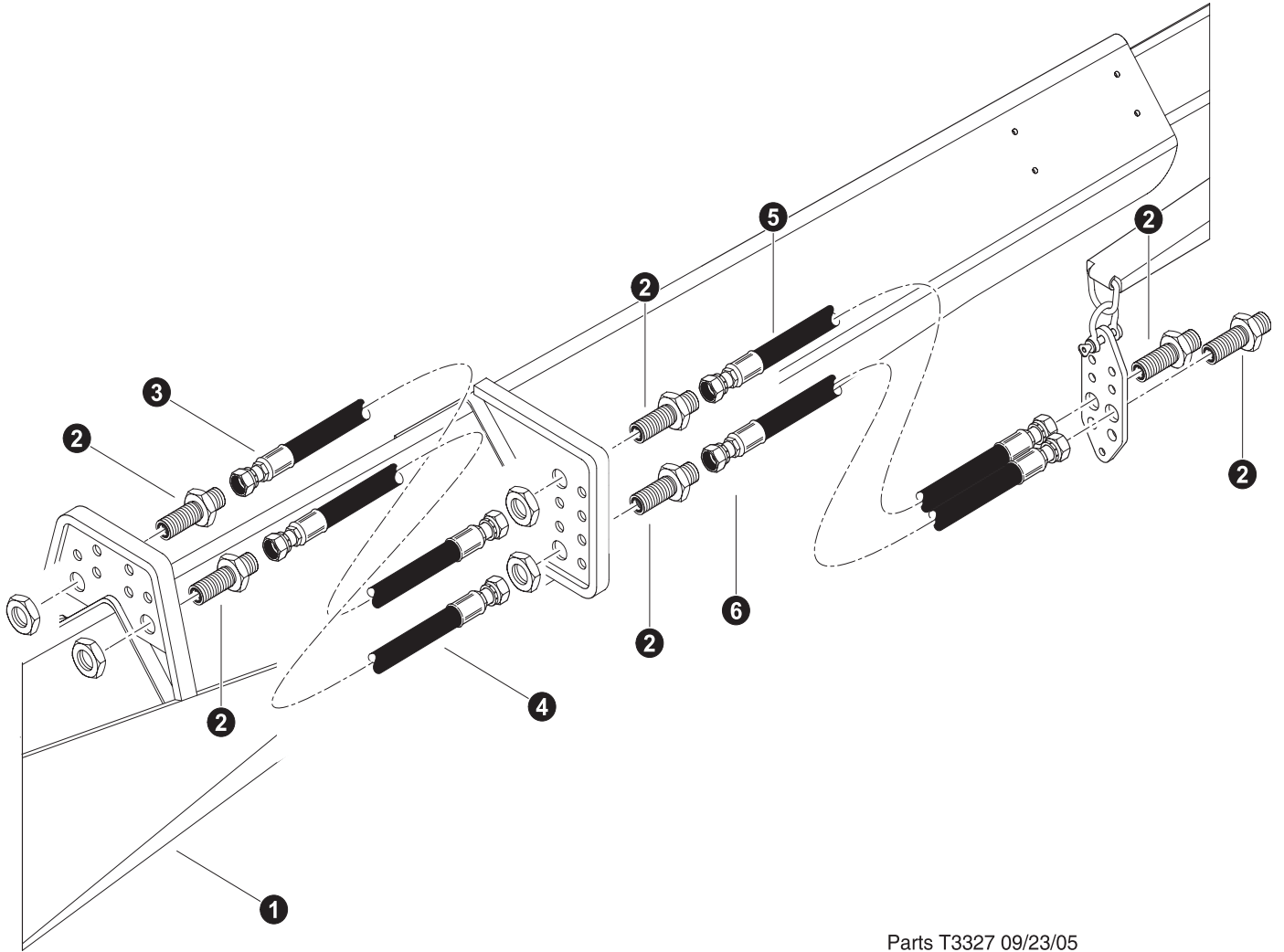
 See referenced page for component or assembly breakdown.



HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main to Squirt Boom - Pressure and Tank Connections)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	LB-1
2	15225-LH	2	CONNECTOR, STR - FF1852T-1616S	
3	-LH	1	HOSE ASSEMBLY - 4049-08-160S-160S (<i>Main Boom tube line to Squirt Boom</i>)	
4	-LH	1	HOSE ASSEMBLY - 4049-08-160S-160S (<i>Main Boom tube line to Squirt Boom</i>)	
5	20033-LH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
6	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1

 See referenced page for component or assembly breakdown.

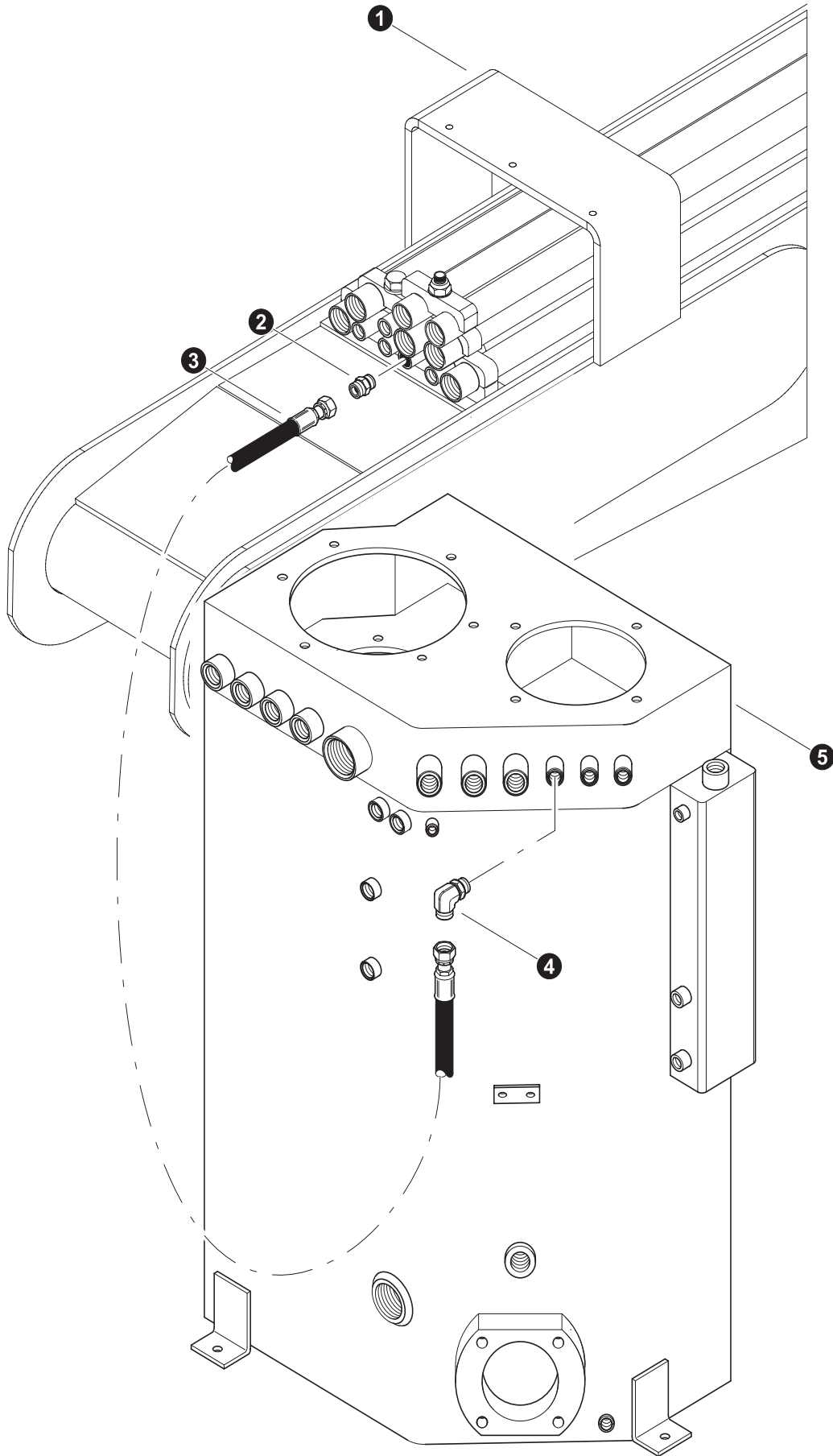


Parts T3327 09/23/05
12.5

HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Squirt Boom - Pressure and Tank Connections)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1
2	20033-LH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
3	-LH	1	HOSE ASSEMBLY - 4039.5-16-160S-160S (<i>Squirt Boom Return Hose</i>)	
4	-LH	1	HOSE ASSEMBLY - 4038-16-160S-160S (<i>Squirt Boom Pressure Hose</i>)	
5	-LH	1	HOSE ASSEMBLY - 4110-16-160S-160S (<i>Squirt Boom Return Hose</i>)	
6	-LH	1	HOSE ASSEMBLY - 4106-16-160S-160S (<i>Squirt Boom Pressure Hose</i>)	


 See referenced page for component or assembly breakdown.

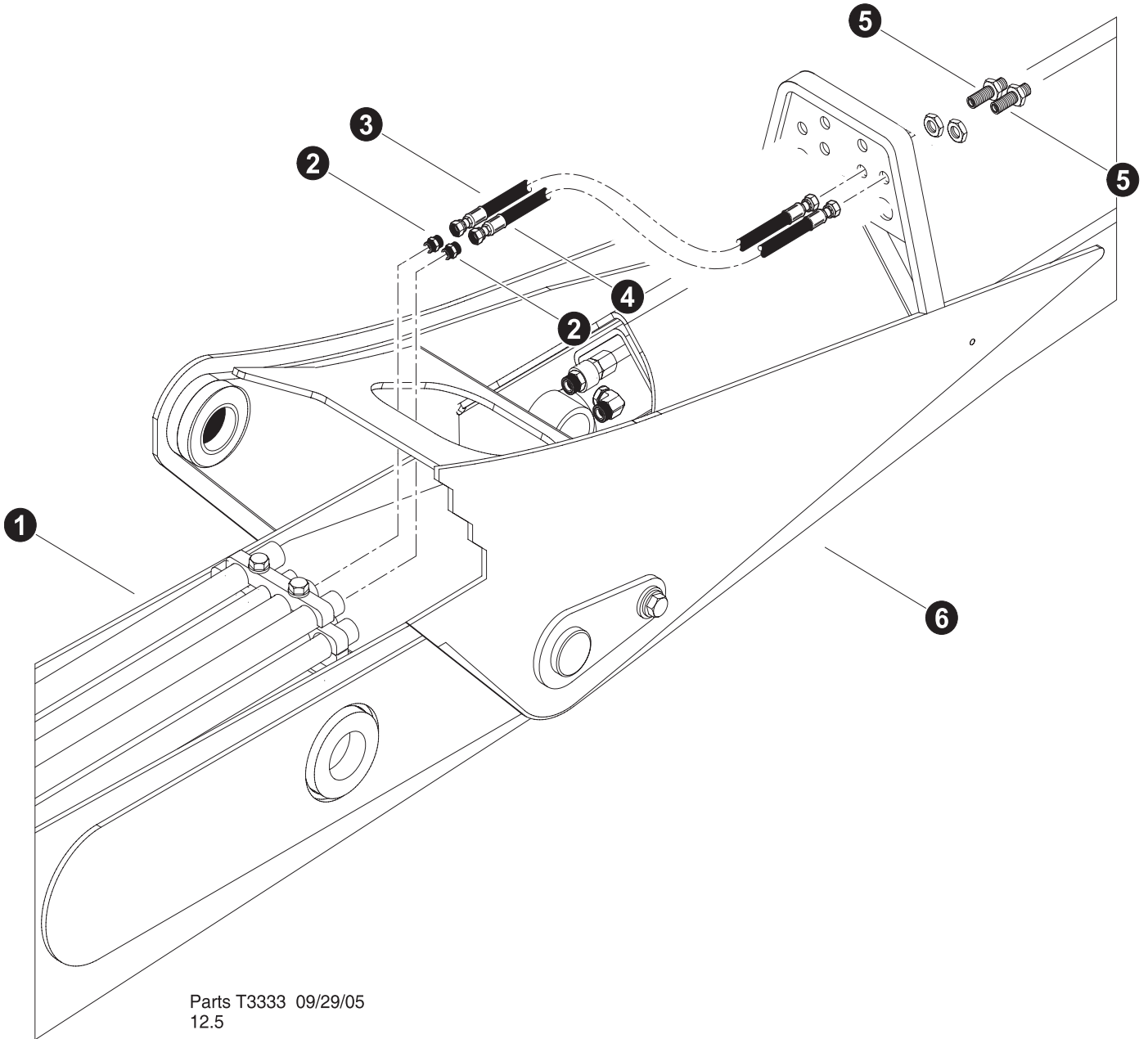


Parts T3338 09/29/2005
25.00



**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom - Case Drain Connections)**


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	LB-1
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4182-08-080S-080S (<i>Main Boom tube line to Hydraulic Tank Case Drain Filter</i>)	
4	16360-LH	1	ELBOW, 90 - FF1868T-0808S	
5	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1

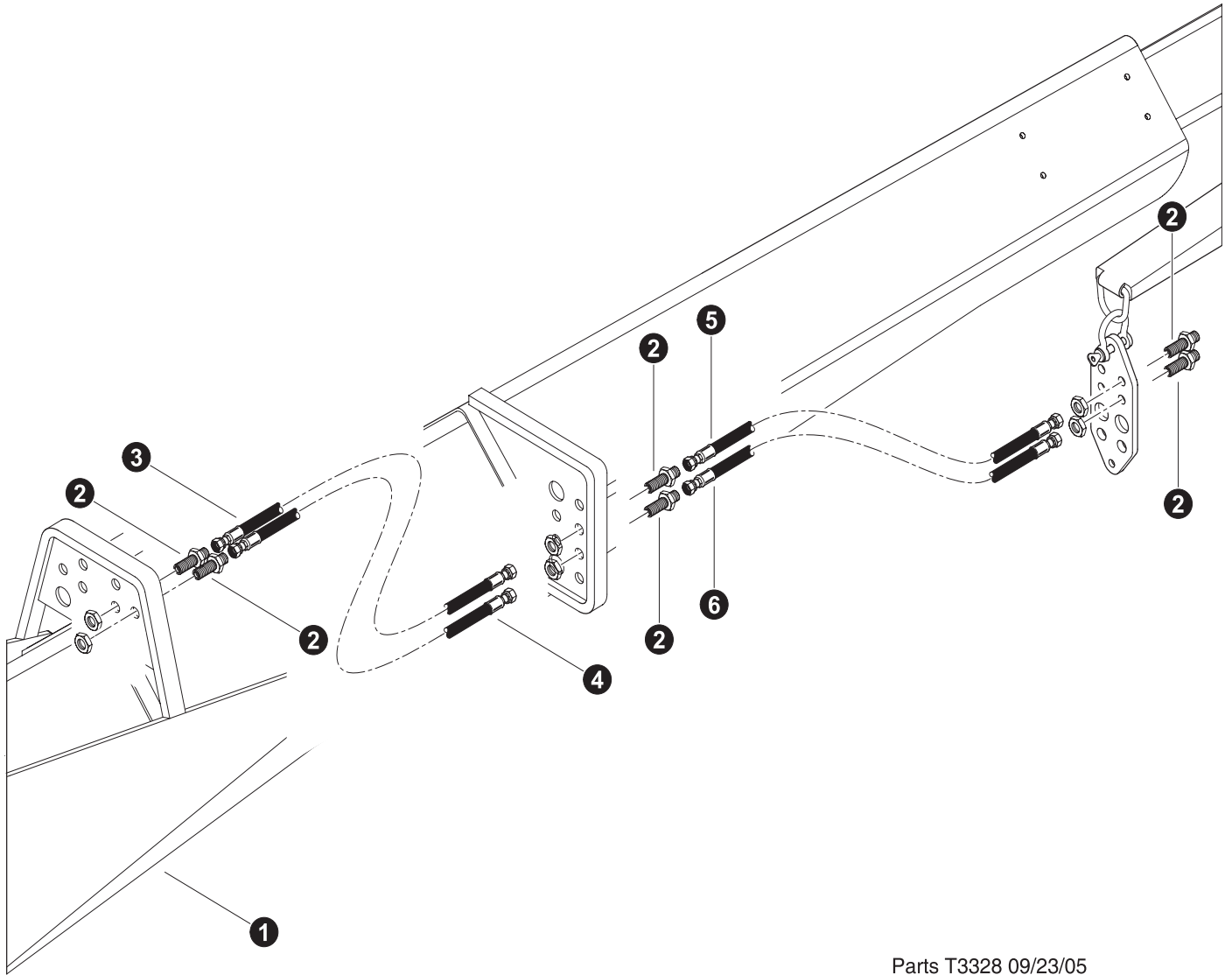
 See referenced page for component or assembly breakdown.



**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main to Squirt Boom - Wire and Case Drain Connections)**


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	LB-1
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom</i>)	
4	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom</i>)	
5	20196-LH	2	CONNECTOR, STR BULKHEAD - FF1994T-0808S	
6	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1


 See referenced page for component or assembly breakdown.

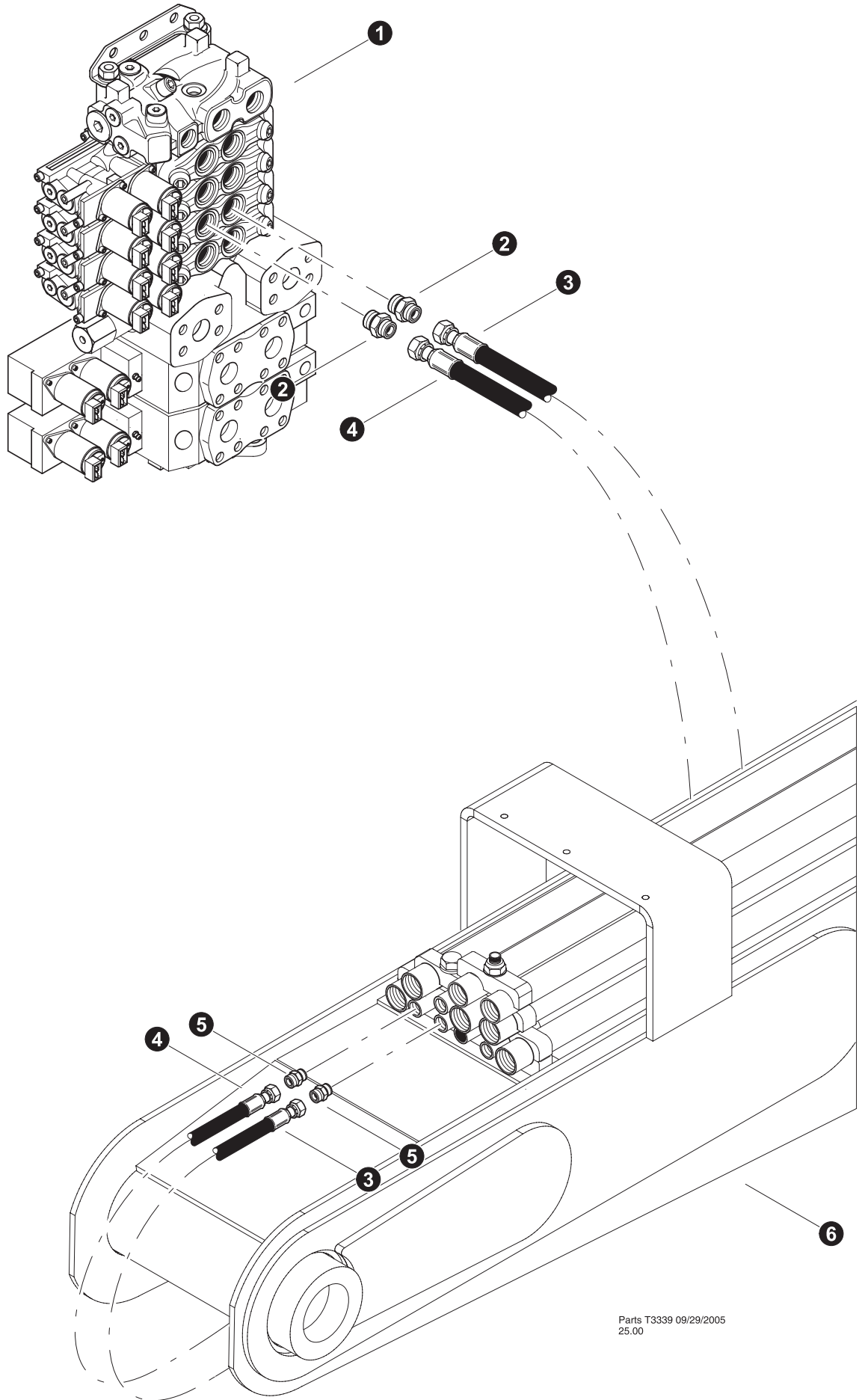


Parts T3328 09/23/05
12.5

HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Squirt Boom - Wire and Case Drain Connections)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1
2	20196-LH	2	CONNECTOR, STR BULKHEAD - FF1994T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4040-08-080S-080S (<i>Squirt Boom Case Drain Hose</i>)	
4	-LH	1	HOSE ASSEMBLY - 4040.5-08-080S-080S (<i>Squirt Boom Wire Hose</i>)	
5	-LH	1	HOSE ASSEMBLY - 4108-08-080S-080S (<i>Squirt Boom Case Drain Hose</i>)	
6	-LH	1	HOSE ASSEMBLY - 4110-08-080S-080S (<i>Squirt Boom Wire Hose</i>)	

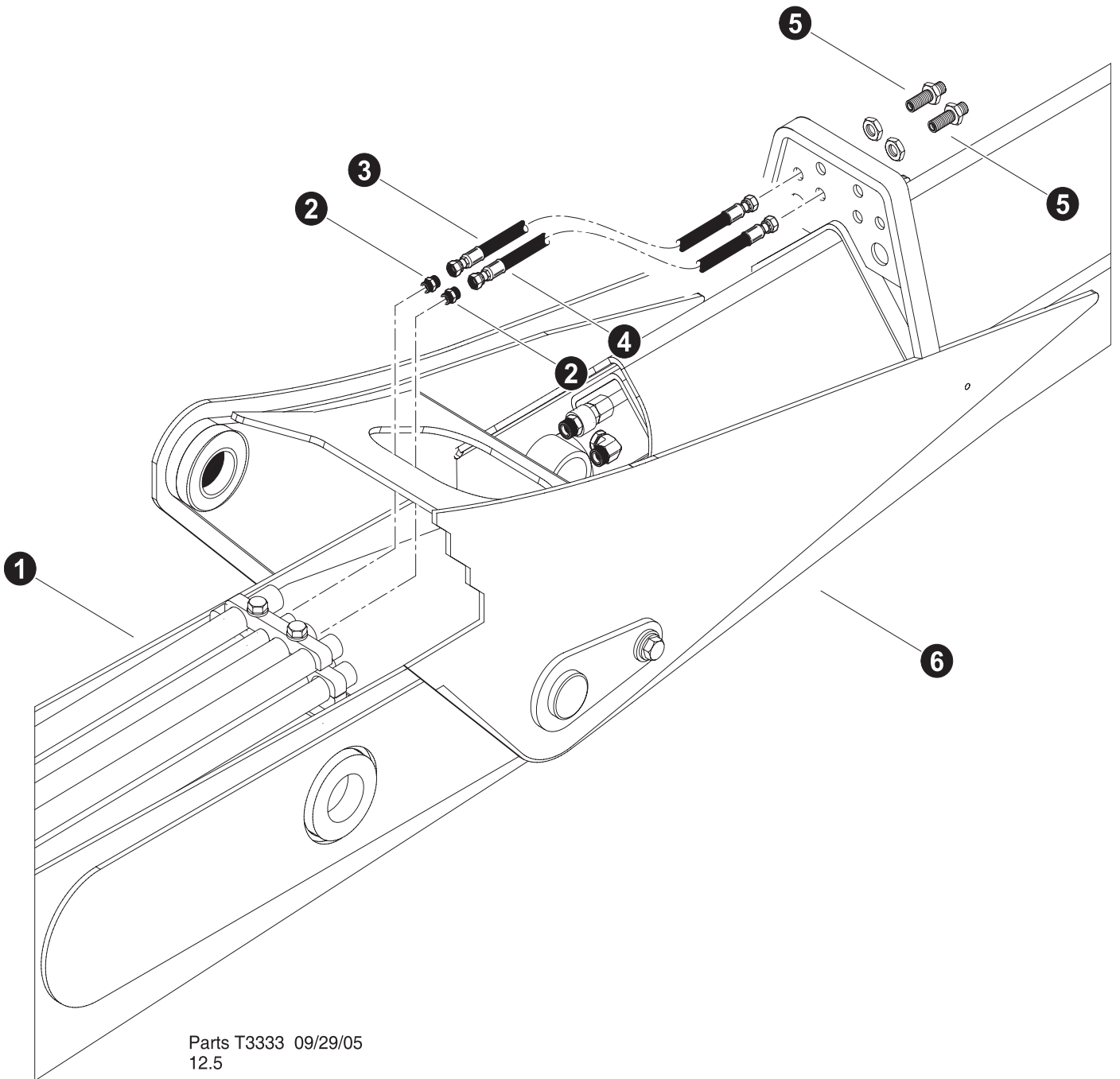
 See referenced page for component or assembly breakdown.



Parts T3339 09/29/2005
25.00



HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom - Head Rotate Connections)

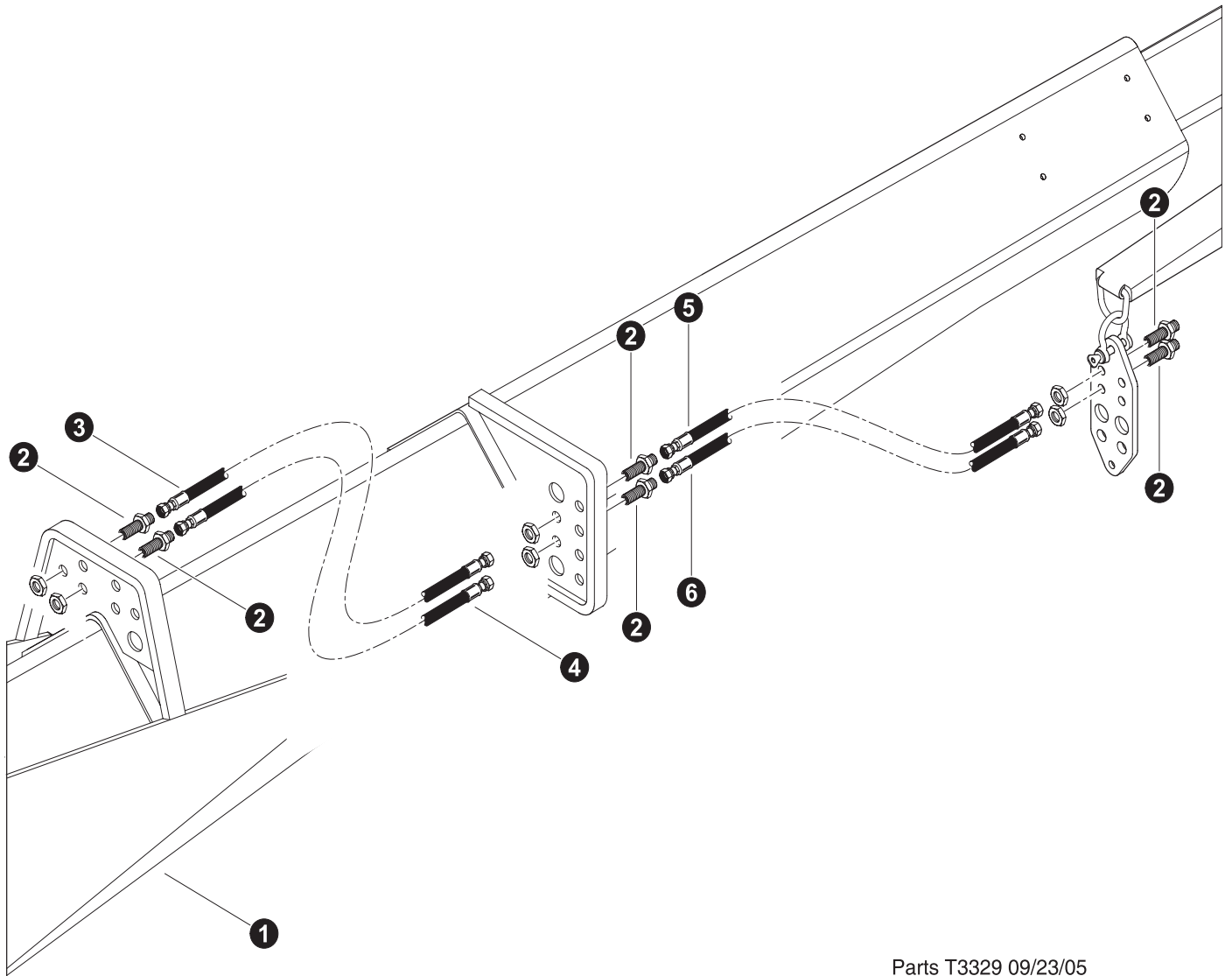
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	15115-LH	2	CONNECTOR, straight - FF1852T-0810S	
3	-LB	1	HOSE ASSEMBLY - 4069-08-080S-080S (<i>Rotate valve section work port "A" to main boom left inside tube line</i>)	
4	-LB	1	HOSE ASSEMBLY - 4068-08-080S-080S (<i>Rotate valve section work port "B" to main boom left outside tube line</i>)	
5	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
6	REF.	1	 MAIN BOOM ASSEMBLY	LB-1



Parts T3333 09/29/05
12.5


**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main to Squirt Boom - Head Rotate Connections)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	LB-1
2	15117-LH	2	CONNECTOR, STR - FF1852T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom</i>)	
4	-LH	1	HOSE ASSEMBLY - 4049-08-080S-080S (<i>Main Boom tube line to Squirt Boom</i>)	
5	20196-LH	2	CONNECTOR, STR BULKHEAD - FF1994T-0808S	
6	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1



Parts T3329 09/23/05
12.5

**HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Squirt Boom - Head Rotate Connections)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SQUIRT BOOM ASSEMBLY	LB-1
2	20196-LH	2	CONNECTOR, STR BULKHEAD - FF1994T-0808S	
3	-LH	1	HOSE ASSEMBLY - 4041-08-080S-080S (<i>Squirt Boom Rotate Hose</i>)	
4	-LH	1	HOSE ASSEMBLY - 4042-08-080S-080S (<i>Squirt Boom Rotate Hose</i>)	
5	-LH	1	HOSE ASSEMBLY - 4110-08-080S-080S (<i>Squirt Boom Rotate Hose</i>)	
6	-LH	1	HOSE ASSEMBLY - 4108-08-080S-080S (<i>Squirt Boom Rotate Hose</i>)	

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