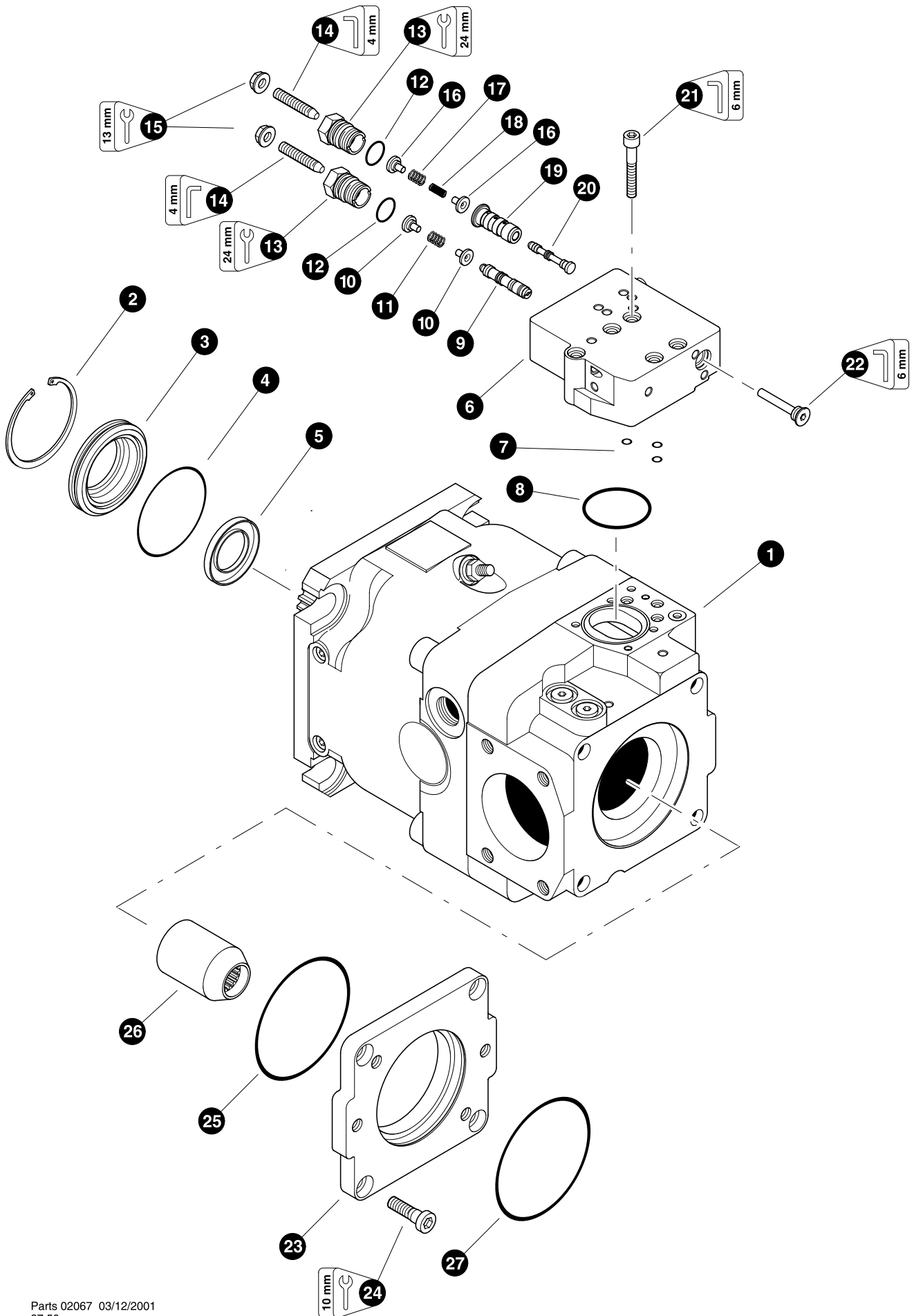


Section FH-1

Feller Buncher Hydraulics - Implement Pump and Control Valve



Parts 02067 03/12/2001
37.50

IMPLEMENT PUMP (Rexroth 145cc)

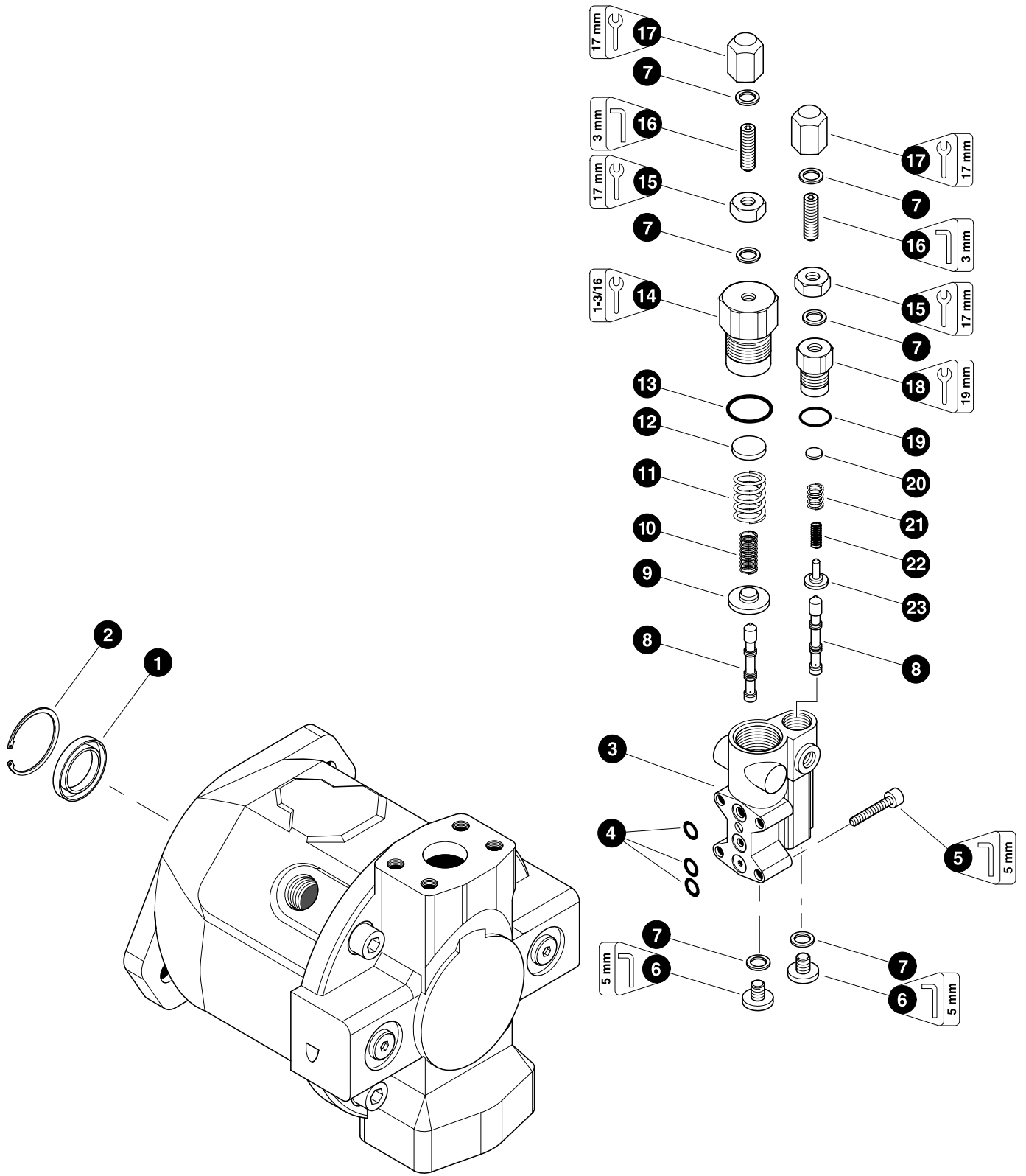
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	24505-FH	1	☐	PUMP, implement - Rexroth 145cc	
2	21546-FH	1		RING, seal retaining	
3	21547-FH	1		COVER, front	
4	21548-FH	1	⌘	O-RING, front cover	
5	18687-FH	1	⌘	SEAL, shaft	
6	18681-FH	1	☐	COMPENSATOR	
7	20809-FH	3	⌘	O-RING, quad	
8	20808-FH	1	⌘	O-RING, compensator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

☐ Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit, PN# 18799-FH.

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.

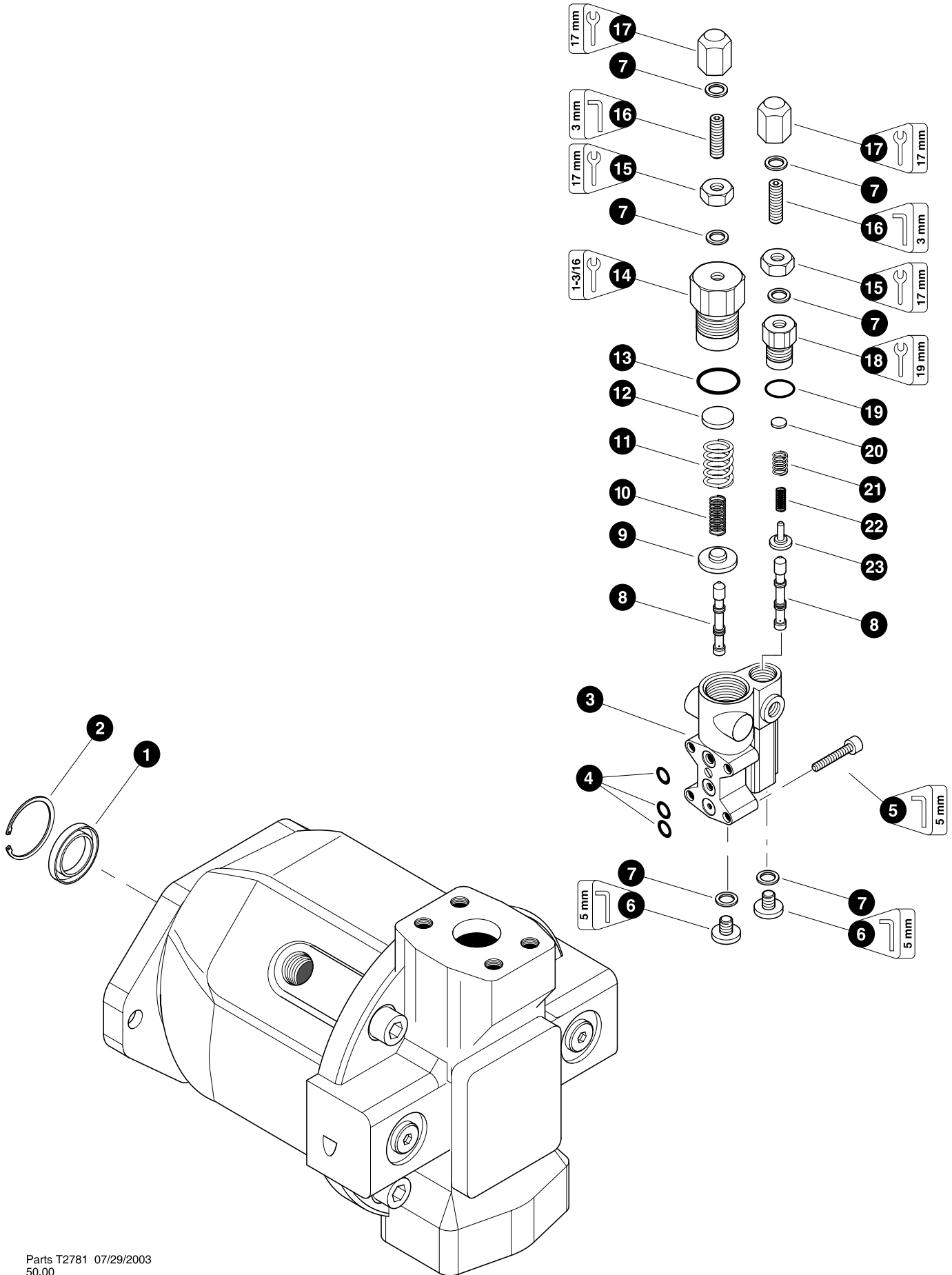


Parts 00867 01/01/2001
50.00

AUX - DISC SAW PUMP (45 cc)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
--	15317-FH	1	☐	PUMP, disc saw	
1	15890-FH	1	⌘	SEAL, shaft	
2	21581-FH	1		RING, seal retaining	
--	15891-FH	1	☐	COMPENSATOR, pump control	
3	NSS	1		HOUSING ASSEMBLY	
4	16856-FH	3	⌘	O-RING	
5	21582-FH	4		BOLT, compensator mounting	
6	20339-FH	2		PLUG	
7	16855-FH	6	⌘	SEAL, ring	
8	NSS	2		SPOOL	
9	NSS	1		RETAINER, spring	
10	NSS	1		SPRING	
11	NSS	1		SPRING	
12	NSS	1		RETAINER, spring	
13	NSS	1	⌘	O-RING	
14	NSS	1		CAP, compensator	
15	17458-FH	2		NUT, jam - 8mm	
16	17459-FH	2		SCREW, adjustment - 8mm	
17	17697-FH	2		NUT, acorn	
18	NSS	1		CAP, compensator	
19	NSS	1	⌘	O-RING	
20	NSS	1		RETAINER, spring	
21	NSS	1		SPRING	
22	NSS	1		SPRING	
23	NSS	1		RETAINER, spring	
-	19757-FH	1		KIT, seal repair - disc saw pump	

- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in seal repair kit Part # 16712-FH.

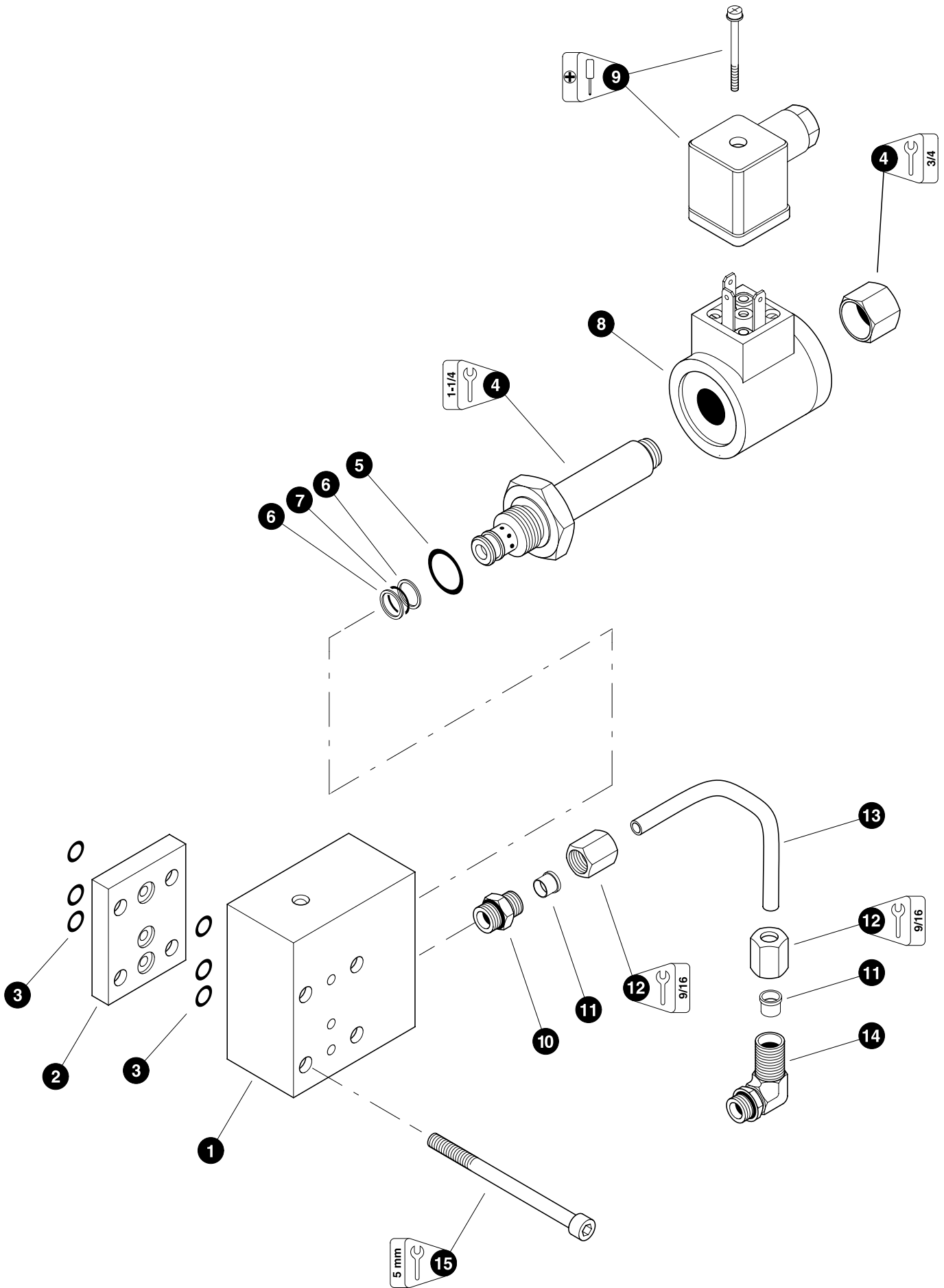


Parts T2781 07/29/2003
50.00

AUX - BRUSH PUMP (71 cc)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
--	19509-FH	1	☐	PUMP, AUX - Brush cutter 71cc	
1	22881-FH	1		SEAL, shaft	
2	22882-FH	1		RING, seal retaining	
--	15891-FH	1	☐	COMPENSATOR, pump control	
3	NSS	1		HOUSING ASSEMBLY	
4	16856-FH	3	⌘	O-RING	
5	21582-FH	4		BOLT, compensator mounting	
6	20339-FH	2		PLUG	
7	16855-FH	6	⌘	SEAL, ring	
8	NSS	2		SPOOL	
9	NSS	1		RETAINER, spring	
10	NSS	1		SPRING	
11	NSS	1		SPRING	
12	NSS	1		RETAINER, spring	
13	NSS	1	⌘	O-RING	
14	NSS	1		CAP, compensator	
15	17458-FH	2		NUT, jam - 8mm	
16	17459-FH	2		SCREW, adjustment - 8mm	
17	17697-FH	2		NUT, acorn	
18	NSS	1		CAP, compensator	
19	NSS	1	⌘	O-RING	
20	NSS	1		RETAINER, spring	
21	NSS	1		SPRING	
22	NSS	1		SPRING	
23	NSS	1		RETAINER, spring	
-	19757-FH	1		KIT, seal repair - disc saw pump	

- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in seal repair kit Part # 16712-OD.



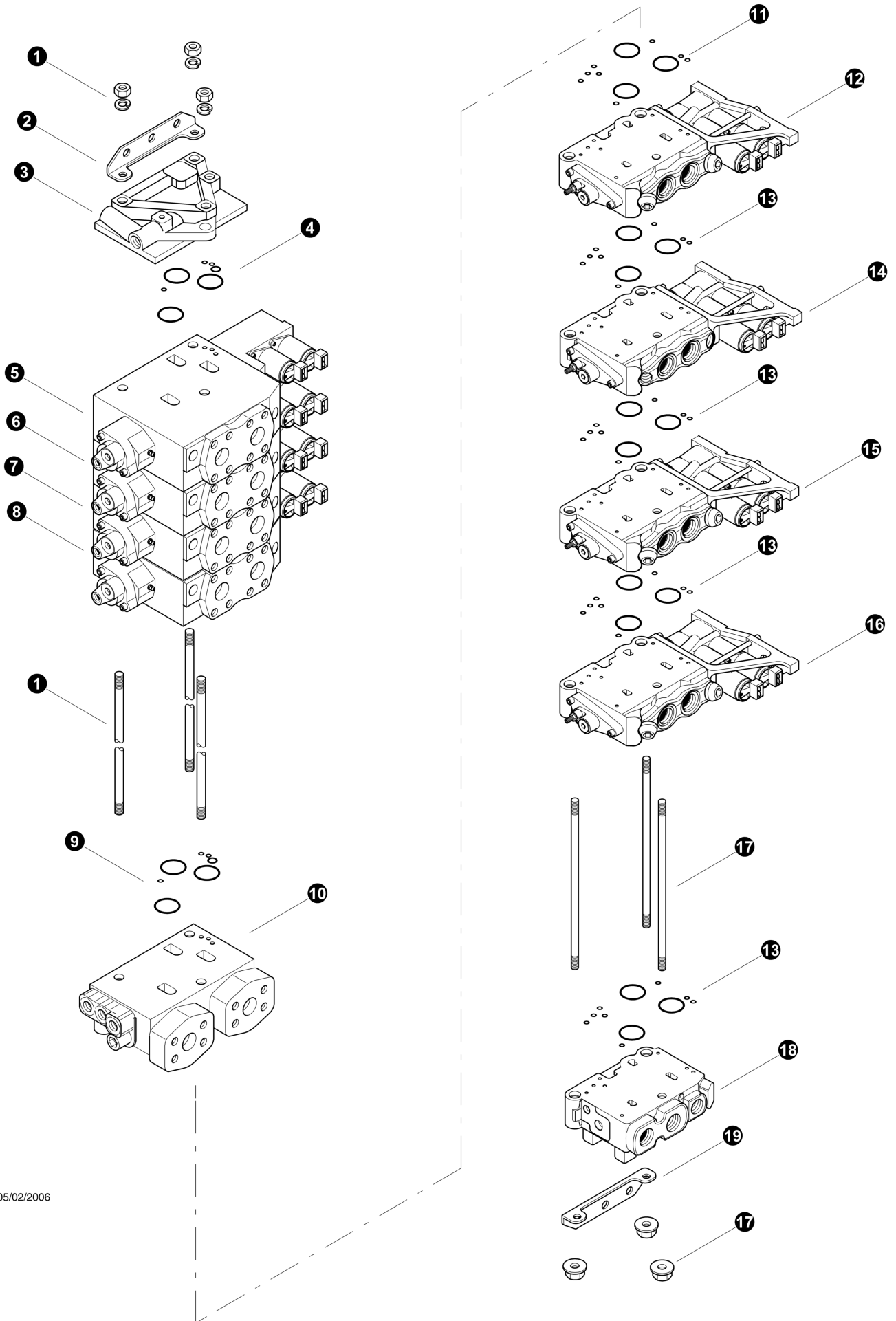
Parts 01325 01/01/2001
75.00

ELECTRIC COMPENSATOR CONTROL (Used With Disc Saw or Brush Pump)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	19240-FH	1	☐ CONTROL, electric compensator	
1	22595-FH	1	BLOCK	
2	22596-FH	1	PLATE, block	
3	21604-FH	6	O-RING	
4	22597-FH	1	☐ CARTRIDGE, solenoid <i>(Includes nut)</i>	
5	NSS	1	⌘ O-RING, body	
6	NSS	2	⌘ RING, back-up - chamber	
7	NSS	1	⌘ O-RING, chamber	
8	22445-FH	1	COIL, solenoid - 24V	
9	17145-FH	1	CONNECTOR, electrical - Hirschmann <i>(Includes hardware)</i>	
10	22599-FH	1	CONNECTOR, tube	
11	22600-FH	2	FERRULE	
12	22601-FH	2	NUT, tube	
13	22602-FH	1	TUBE, hydraulic	
14	22604-FH	1	ELBOW, 90° tube	
15	22603-FH	4	BOLT, allen head	
-	22598-FH	1	KIT, seal repair - solenoid cartridge	

☐ Kit or Assembly - includes all items indented underneath.










⌘ Included in seal repair kit Part # 22598-FH.





Parts T3467 05/02/2006
25.00

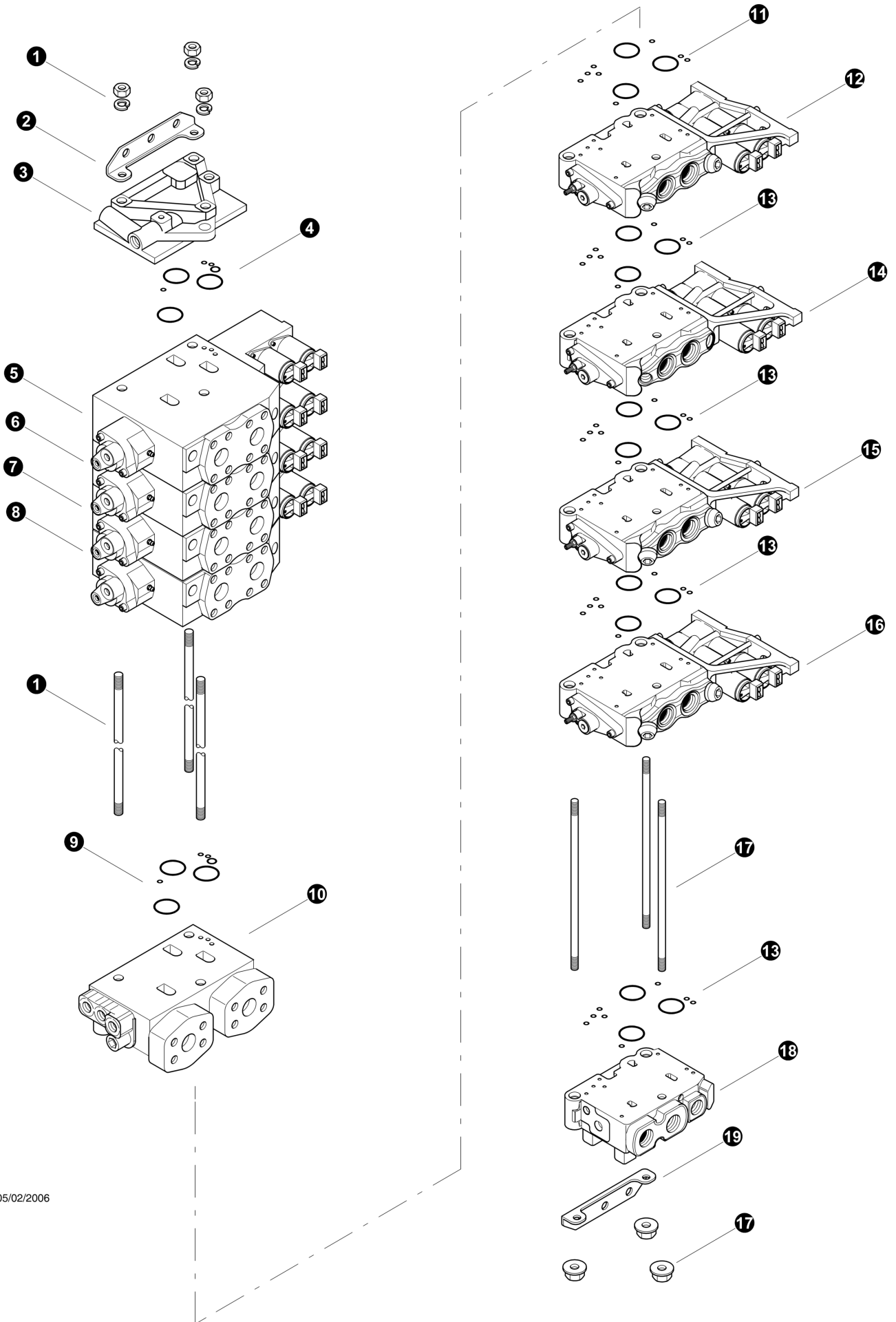
MAIN CONTROL VALVE
(Fixed Harvester - 725B - 735B)

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52360-FH	1	VALVE, MAIN - IMP (4K220/3L90) 630 ROLLY	
1	---	1	ROD, tie - K220 (4-Section span) (9120092373)	
2	---	1	KIT, Bracket - K220 (9120092365)	
3	---	1	COVER, K220 Valve	
4	24649-FH	1	KIT, Seals - Voac Intersection (9120092315)	
5	REF	1	 VALVE SECTION - Harvester - High Flow	FH-1
6	REF.	1	 VALVE SECTION - Tool Cylinder function	FH-1
7	REF.	1	 VALVE SECTION - Main Boom function	FH-1
8	REF.	1	 VALVE SECTION - Stick Boom function	FH-1
9	24649-FH	1	KIT, Seals - Voac Parting "K" (9120092315)	
10	REF.	1	 MID INLET / OUTLET	FH-1
11	23404-FH	1	KIT, Seals - Voac Parting "L" (393000K820)	
12	REF	1	 VALVE SECTION - Harvester - Low Flow	FH-1
13	---	1	KIT, Seals - Voac Parting "L" (393000K820)	
14	REF.	1	 VALVE SECTION - Swing	FH-1
15	REF.	1	 VALVE SECTION - (optional) Cab Level	FH-1
16	REF.	1	 VALVE SECTION - Steer Cylinder.	FH-1
17	---	1	KIT, Tie Rods and Nuts - L90 (3-Section span) (393000K002)	
17	---	1	KIT, Tie Rods and Nuts - L90 (4-Section span) (393000K003)	
18	REF	1	COVER, L90 valve outlet.	FH-1
19	---	1	KIT, Bracket - L90 (393000K824)	

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










Shown are standard valve configurations, some machines have custom built valves, contact the factory for more informatoin if your valve doesn't match what is shown.





Parts T3467 05/02/2006
25.00

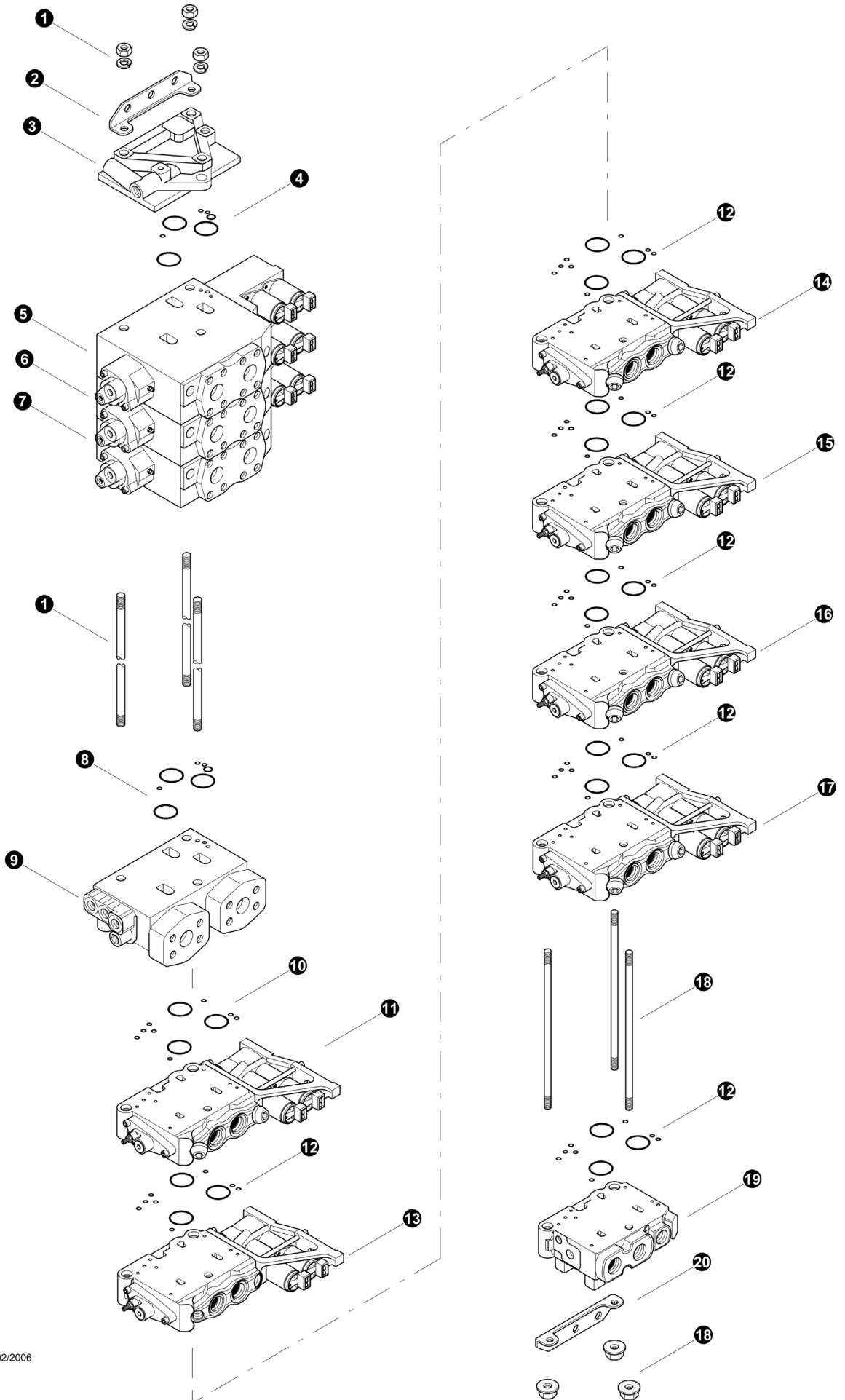
MAIN CONTROL VALVE
(Fixed Harvester - 725B - 735B)

TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52360-FH	1	VALVE, MAIN - IMP (4K220/3L90) 630 ROLLY	
1	---	1	ROD, tie - K220 (4-Section span) (9120092373)	
2	---	1	KIT, Bracket - K220 (9120092365)	
3	---	1	COVER, K220 Valve	
4	24649-FH	1	KIT, Seals - Voac Intersection (9120092315)	
5	REF.	1	 VALVE SECTION - Stick Cylinder function	FH-1
6	REF.	1	 VALVE SECTION - Tool Tilt Boom function	FH-1
7	REF.	1	 VALVE SECTION - Harvester - High Flow	FH-1
8	REF.	1	 VALVE SECTION - Main Boom function	FH-1
9	24649-FH	1	KIT, Seals - Voac Parting "K" (9120092315)	
10	REF.	1	 MID INLET / OUTLET	FH-1
11	23404-FH	1	KIT, Seals - Voac Parting "L" (393000K820)	
12	REF.	1	 VALVE SECTION - Harvester - Low Flow	FH-1
13	---	1	KIT, Seals - Voac Parting "L" (393000K820)	
14	REF.	1	 VALVE SECTION - Swing	FH-1
15	REF.	1	 VALVE SECTION - (optional) Cab Level	FH-1
16	REF.	1	 VALVE SECTION - Steer Cylinder	FH-1
17	---	1	KIT, Tie Rods and Nuts - L90 (3-Section span) (393000K002)	
17	---	1	KIT, Tie Rods and Nuts - L90 (4-Section span) (393000K003)	
18	REF.	1	COVER, L90 valve outlet.	FH-1
19	---	1	KIT, Bracket - L90 (393000K824)	

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











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Parts T3468 05/02/2006
25.00

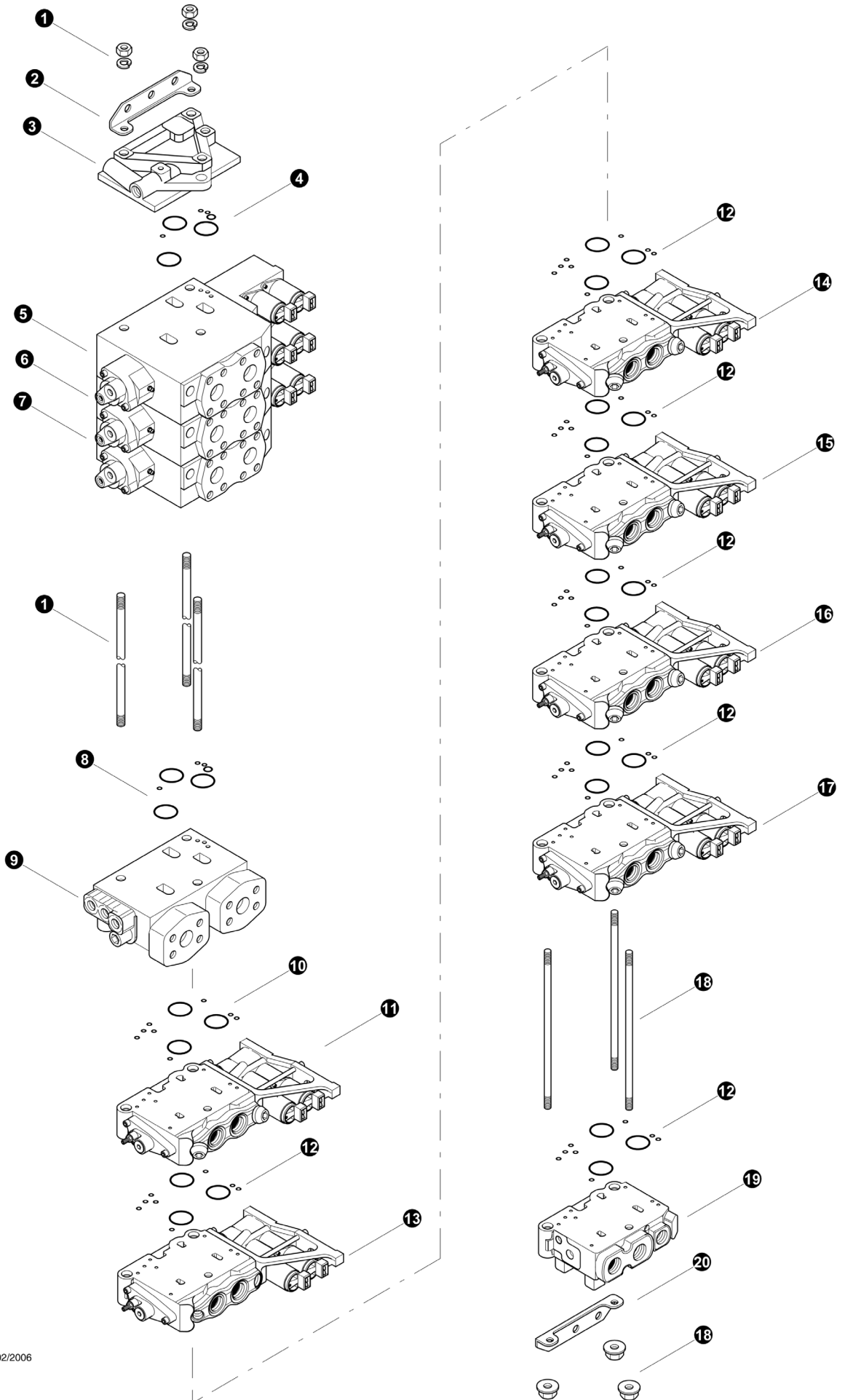
MAIN CONTROL VALVE (Disc Saw - 725B & 735B)

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52491-FH	1	VALVE, MAIN - IMP (3K220/6L90) DISC SAW 630	
1	---	1	ROD, tie - K220 (3-Section span) (9120092372)	
2	---	1	KIT, Bracket - K220 (9120092365)	
3	---	1	COVER, K220 Valve	
4	24649-FH	1	KIT, Seals - Voac Intersection (9120092315)	
5	REF.	1	 VALVE SECTION - Tool Tilt Boom function	FH-1
6	REF.	1	 VALVE SECTION - Main Boom function	FH-1
7	REF.	1	 VALVE SECTION - Stick Cylinder function	FH-1
8	24649-FH	1	KIT, Seals - Voac Parting "K" (9120092315)	
9	REF.	1	 MID INLET / OUTLET	FH-1
10	23404-FH	1	KIT, Seals - Voac Parting "L" (393000K820)	
11	REF.	1	 VALVE SECTION - Accumulator Clamp	FH-1
12	---	1	KIT, Seals - Voac Parting "L" (393000K820)	
13	REF.	1	 VALVE SECTION - Head Lateral Tilt	FH-1
14	REF.	1	 VALVE SECTION - Clamp Arms	FH-1
15	REF.	1	 VALVE SECTION - Cab Swing	FH-1
16	REF.	1	 VALVE SECTION - Cab Level	FH-1
17	REF.	1	 VALVE SECTION - Cab Level	FH-1
18	---	1	KIT, Tie Rods and Nuts - L90 (5-Section span) (393000K004)	
18	---	1	KIT, Tie Rods and Nuts - L90 (6-Section span) (393000K005)	
19	REF.	1	COVER, L90 valve outlet.	FH-1
20	---	1	KIT, Bracket - L90 (393000K824)	

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











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Parts T3468 05/02/2006
25.00

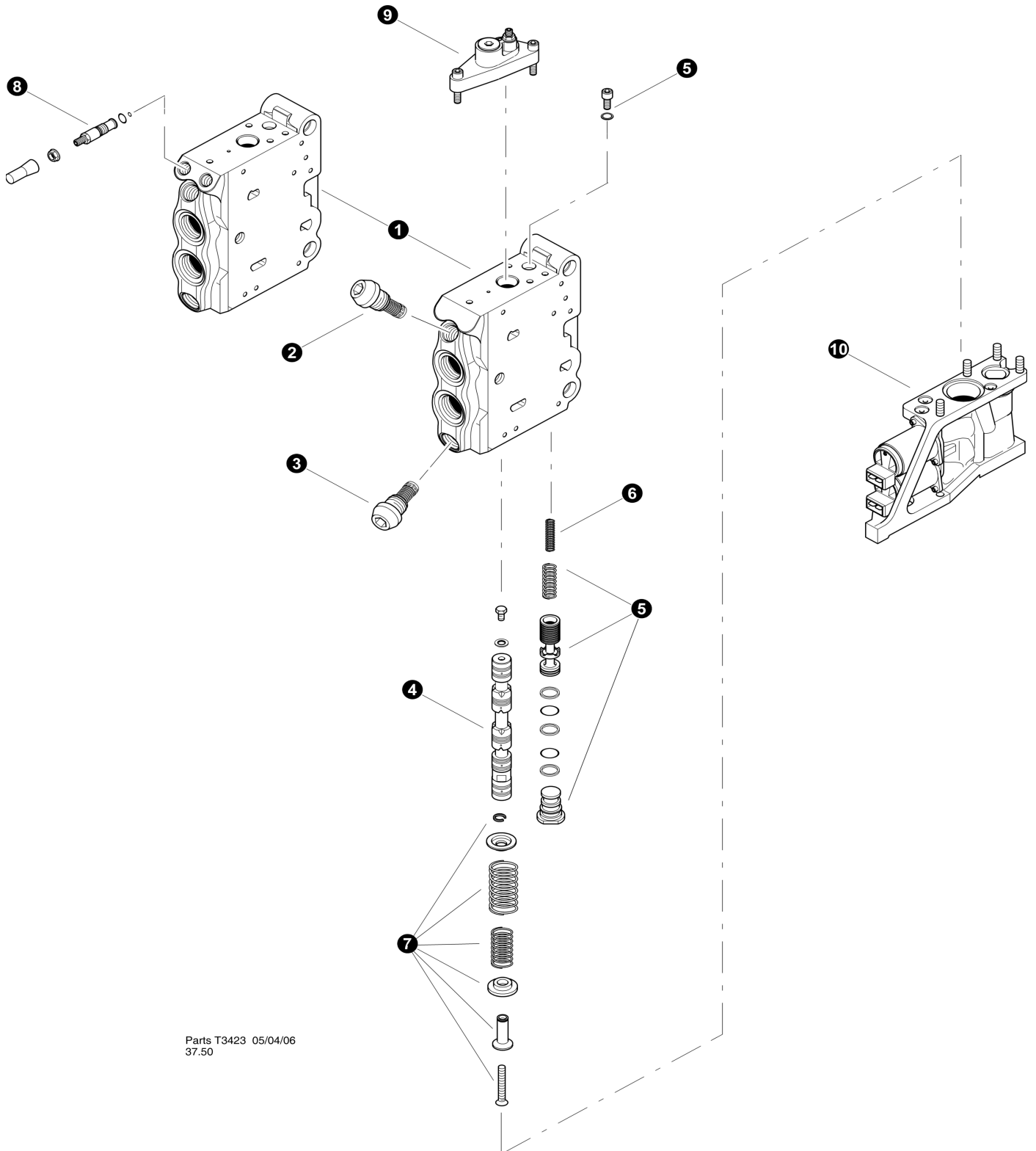
MAIN CONTROL VALVE
(Disc Saw - 725B & 735B)

TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52491-FH	1	VALVE, MAIN - IMP (3K220/6L90) DISC SAW 630	
1	---	1	ROD, tie - K220 (3-Section span) (9120092372)	
2	---	1	KIT, Bracket - K220 (9120092365)	
3	---	1	COVER, K220 Valve	
4	24649-FH	1	KIT, Seals - Voac Intersection (9120092315)	
5	REF.	1	 VALVE SECTION - Stick Cylinder function	FH-1
6	REF.	1	 VALVE SECTION - Tool Tilt Boom function	FH-1
7	REF.	1	 VALVE SECTION - Main Boom function	FH-1
8	24649-FH	1	KIT, Seals - Voac Parting "K" (9120092315)	
9	REF.	1	 MID INLET / OUTLET	FH-1
10	23404-FH	1	KIT, Seals - Voac Parting "L" (393000K820)	
11	REF.	1	 VALVE SECTION - Accumulator Clamp	FH-1
12	---	1	KIT, Seals - Voac Parting "L" (393000K820)	
13	REF.	1	 VALVE SECTION - Head Lateral Tilt	FH-1
14	REF.	1	 VALVE SECTION - Clamp Arms	FH-1
15	REF.	1	 VALVE SECTION - Cab Swing	FH-1
16	REF.	1	 VALVE SECTION - Cab Level	FH-1
17	REF.	1	 VALVE SECTION - Cab Level	FH-1
18	---	1	KIT, Tie Rods and Nuts - L90 (5-Section span) (393000K004)	
18	---	1	KIT, Tie Rods and Nuts - L90 (6-Section span) (393000K005)	
19	REF.	1	COVER, L90 valve outlet.	FH-1
20	---	1	KIT, Bracket - L90 (393000K824)	

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

Shown are standard valve configurations, some machines have custom built valves, contact the factory for more informatoin if your valve doesn't match what is shown.

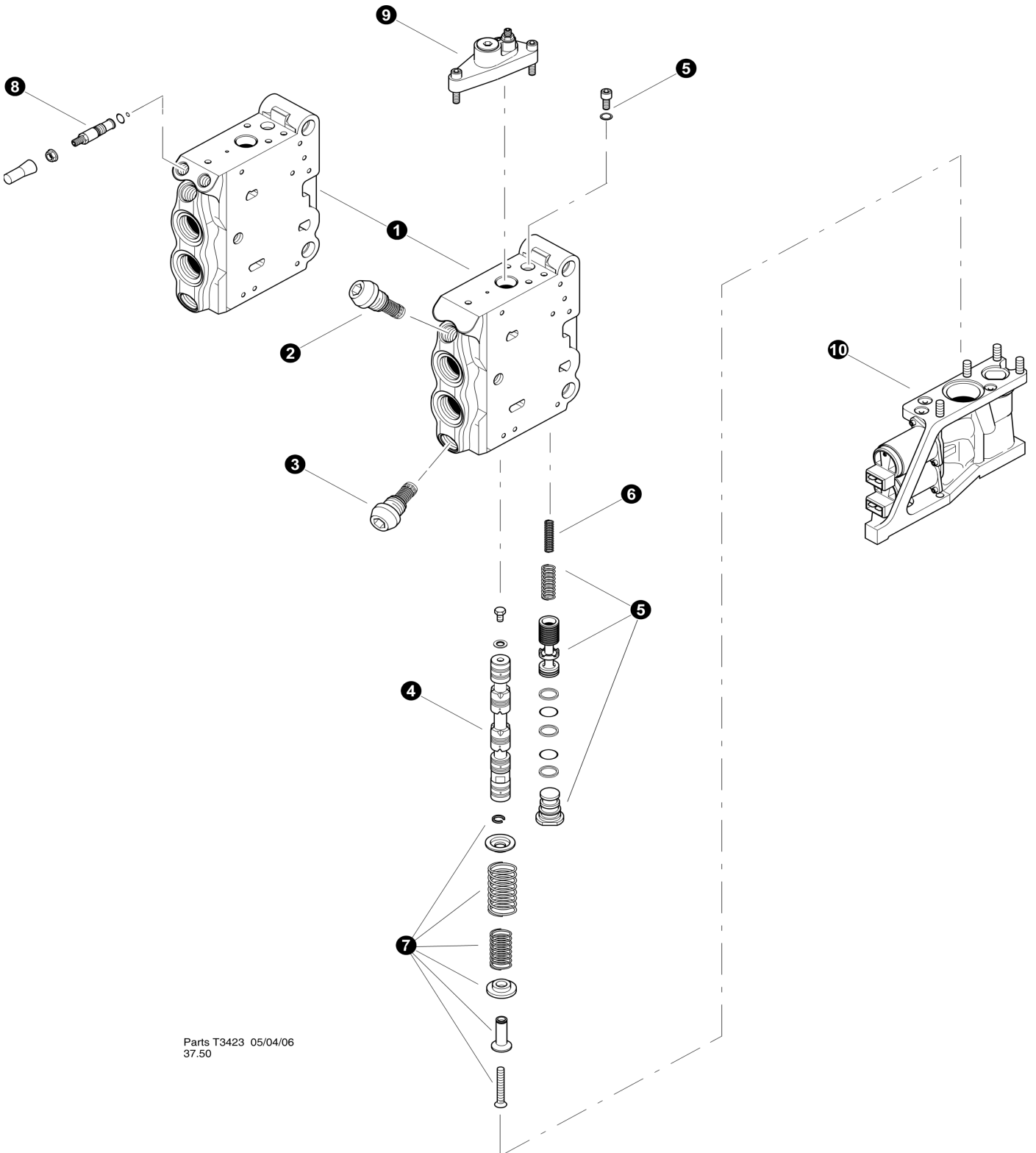


Parts T3423 05/04/06
37.50

L90LS VALVE SECTION

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	-FH	1	<input type="checkbox"/>	VALVE SECTION - Accumulator Clamp (L90LS-MS-US60-282A V)	
1	NSS	1		BODY	
2	---	1		CARTRIDGE, "A" port relief (300 Bar) (393000K572)	
3	---	1		CARTRIDGE, "B" port relief (300 Bar) (393000K572)	
4	---	1		SPOOL, UUX (393000S869)	
5	---	1	<input type="checkbox"/>	KIT, "KX" COMPENSATOR, BLUE (393000K616)	
5	---	1	<input type="checkbox"/>	KIT, "KX" COMPENSATOR, GREEN (393000K617)	
-	---	1		KIT, compensator seals (393000K811)	
6	---	1		SPRING, (only used with KX compensator kit)	
7	23423-FH	1	<input type="checkbox"/>	KIT, spool centering spring (393000K343)	
8	---	2	<input type="checkbox"/>	KIT, FEED REDUCER (393000K817)	
-	---	2		KIT, feed reducer seals (393000K852)	
9	REF	1		END CAP ASSEMBLY - "A" port	FH-1
10	REF	1		END CAP ASSEMBLY - "B" port	FH-1
-	-FH	1	<input type="checkbox"/>	VALVE SECTION - Head Rotate / Lateral Tilt (L90LS-MS-US60-281 Q)	
1	NSS	1		BODY	
2	---	1		CARTRIDGE, "A" port relief (300 Bar) (393000K572)	
3	---	1		CARTRIDGE, "B" port relief (300 Bar) (393000K572)	
4	---	1		SPOOL, RKX (393000S490)	
5	---	1	<input type="checkbox"/>	KIT, "KX" COMPENSATOR, BLUE (393000K616)	
5	---	1	<input type="checkbox"/>	KIT, "KX" COMPENSATOR, GREEN (393000K617)	
-	---	1		KIT, compensator seals (393000K811)	
6	---	1		SPRING, (only used with KX compensator kit)	
7	23423-FH	1	<input type="checkbox"/>	KIT, spool centering spring (393000K343)	
8	---	2	<input type="checkbox"/>	KIT, FEED REDUCER (393000K817)	
-	---	2		KIT, feed reducer seals (393000K852)	
9	REF	1		END CAP ASSEMBLY - "A" port	FH-1
10	REF	1		END CAP ASSEMBLY - "B" port	FH-1
-	-FH	1	<input type="checkbox"/>	VALVE SECTION - Accumulator Clamp (L90LS-MS-US60-282A V)	
1	NSS	1		BODY	
2	---	1		CARTRIDGE, "A" port relief (300 Bar) (393000K572)	
3	---	1		CARTRIDGE, "B" port relief (300 Bar) (393000K572)	
4	---	1		SPOOL, UUX (393000S869)	
5	---	1	<input type="checkbox"/>	KIT, "KX" COMPENSATOR, BLUE (393000K616)	
5	---	1	<input type="checkbox"/>	KIT, "KX" COMPENSATOR, GREEN (393000K617)	
-	---	1		KIT, compensator seals (393000K811)	
6	---	1		SPRING, (only used with KX compensator kit)	
7	23423-FH	1	<input type="checkbox"/>	KIT, spool centering spring (393000K343)	
8	---	2	<input type="checkbox"/>	KIT, FEED REDUCER (393000K817)	
-	---	2		KIT, feed reducer seals (393000K852)	
9	REF	1		END CAP ASSEMBLY - "A" port	FH-1
10	REF	1		END CAP ASSEMBLY - "B" port	FH-1

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

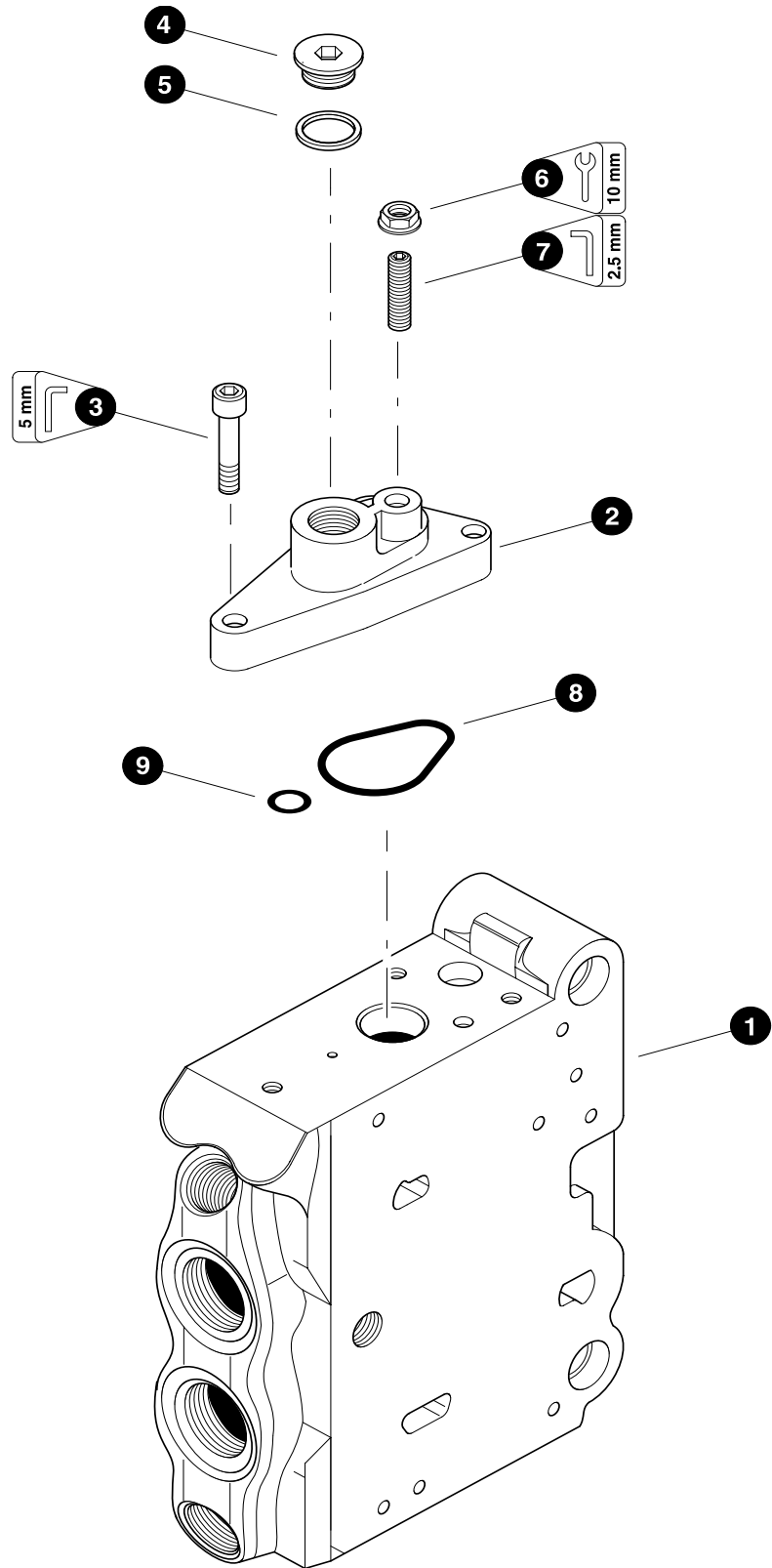


Parts T3423 05/04/06
37.50

L90LS VALVE SECTION continued.....





REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	-FH	1	<input type="checkbox"/> VALVE SECTION - Cab Swing function (L90LS-MS-US60-311B U)	
1	NSS	1	BODY	
2	---	1	CARTRIDGE, "A" port relief (300 Bar) (393000K572)	
3	---	1	CARTRIDGE, "B" port relief (300 Bar) (393000K572)	
4	---	1	SPOOL, swing - UPD (393000S879)	
5	---	1	<input type="checkbox"/> KIT, "KH" COMPENSATOR, BLUE (393000K505)	
5	---	1	<input type="checkbox"/> KIT, "KH" COMPENSATOR, GREEN (393000K506)	
-	---	1	KIT, compensator seals (393000K811)	
6	---	1	SPRING, (only used with KX compensator kit)	
7	23423-FH	1	<input type="checkbox"/> KIT, spool centering spring (393000K343)	
8	---	2	<input type="checkbox"/> KIT, FEED REDUCER (393000K817)	
-	---	2	KIT, feed reducer seals (393000K852)	
9	REF	1	<input type="book"/> END CAP ASSEMBLY - "A" port	FH-1
10	REF	1	<input type="book"/> END CAP ASSEMBLY - "B" port	FH-1
-	-FH	1	<input type="checkbox"/> VALVE SECTION - Cab Level (L90LS-MS-US60-276 P)	
1	NSS	1	BODY	
2	---	1	CARTRIDGE, "A" port relief (300 Bar) (393000K572)	
3	---	1	CARTRIDGE, "B" port relief (300 Bar) (393000K572)	
4	---	1	SPOOL, ZEX (393000U197)	
5	---	1	<input type="checkbox"/> KIT, "KX" COMPENSATOR, BLUE (393000K616)	
5	---	1	<input type="checkbox"/> KIT, "KX" COMPENSATOR, GREEN (393000K617)	
-	---	1	KIT, compensator seals (393000K811)	
6	---	1	SPRING, (only used with KX compensator kit)	
7	23423-FH	1	<input type="checkbox"/> KIT, spool centering spring (393000K343)	
8	---	2	<input type="checkbox"/> KIT, FEED REDUCER (393000K817)	
-	---	2	KIT, feed reducer seals (393000K852)	
9	REF	1	<input type="book"/> END CAP ASSEMBLY - "A" port	FH-1
10	REF	1	<input type="book"/> END CAP ASSEMBLY - "B" port	FH-1



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

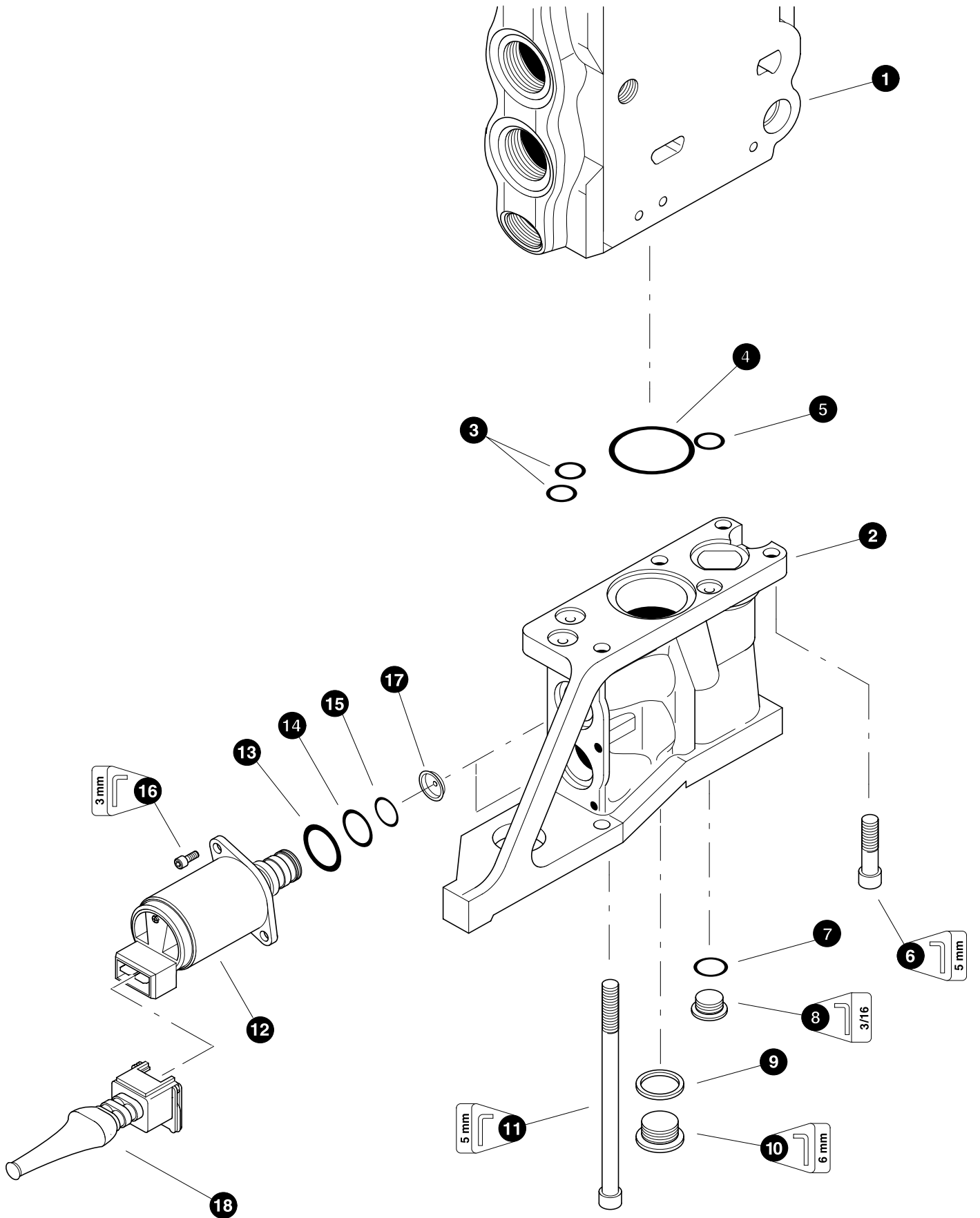


Parts 01734 08/08/2000
75.00

L90LS VALVE END CAP

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	NSS	1	VALVE SECTION BODY	
-	23414-FH	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-FH	1	PLUG - 6408-FHP-6	
5	-----	1	 RING, seal (3-906)	
6	-----	1	 NUT, seal - 6mm (3763131)	
7	-----	1	SCREW, adjustment (3764640)	
-	23415-FH	1	<input type="checkbox"/> KIT, seal repair - "A" port side end cap	
8	-----	1	 O-RING (Large) (0663210509)	
9	-----	1	 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-FH.



L90LS VALVE CONTROL CAP

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	NSS	1		VALVE SECTION BODY	
-	23416-FH	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-FH	1		PLUG - 6408-FHP-4	
9	-----	1	⌘	RING, seal	
10	-----	1		PLUG (0686644203)	
11	-----	2		SCREW, allen head - 6mm-1.0P x 100mm (0211126403)	
12	20976-FH	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	---	1		DAMPER, pilot restrictor orifice 0.6 mm (3762396) - 1 DOT	
17	---	1		DAMPER, pilot restrictor orifice 0.8 mm (3762397) - 2 DOT	
17	---	1		DAMPER, pilot restrictor orifice 1 mm (3762398) - 3 DOT	
17	---	1		DAMPER, pilot restrictor orifice 1.1 mm (3762609) - 4 DOT	
17	---	1		DAMPER, pilot restrictor orifice 3 mm (3763308)	
18	19179-FH	2		CONNECTOR, (kit) voac controll valve	
-	23417-FH	1		KIT, seal repair - "B" port side end cap	
-	23418-FH	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-FH.

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

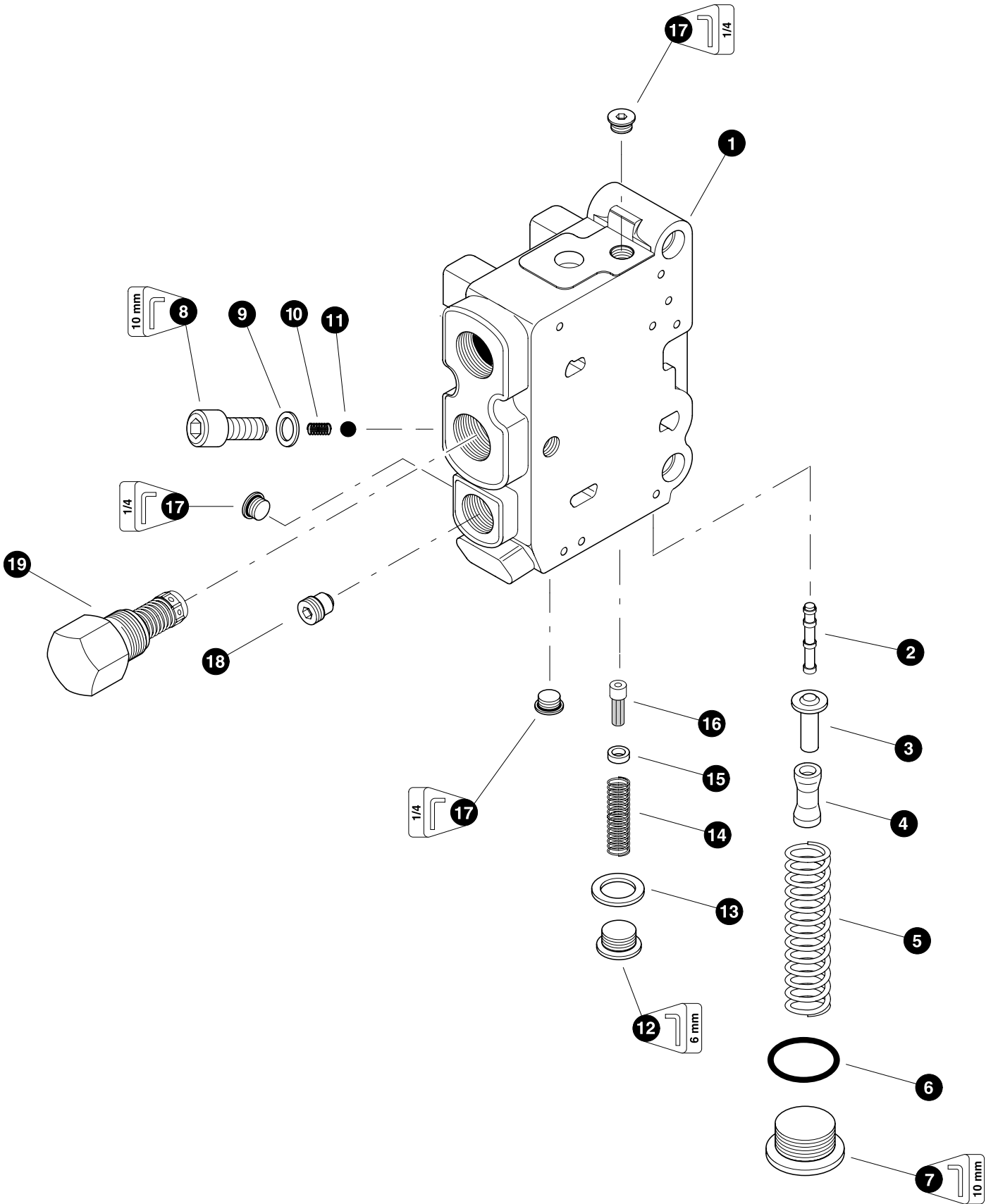
NOTE #1:

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

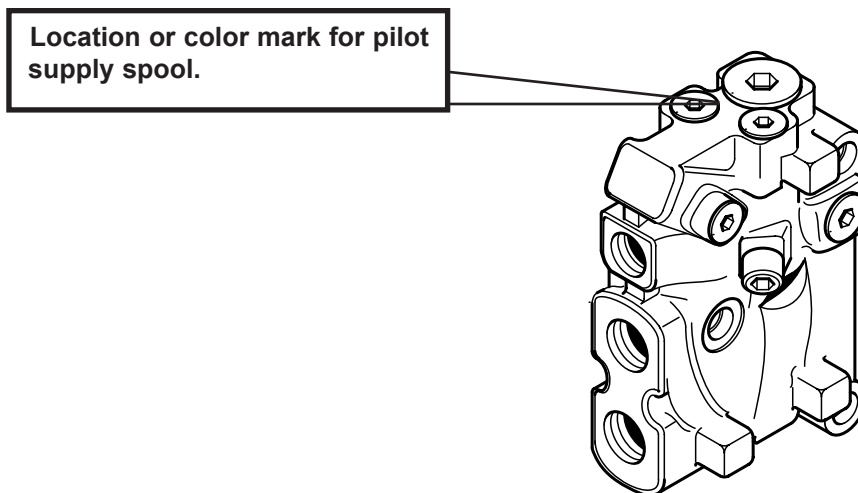
L90LS VALVE OUTLET

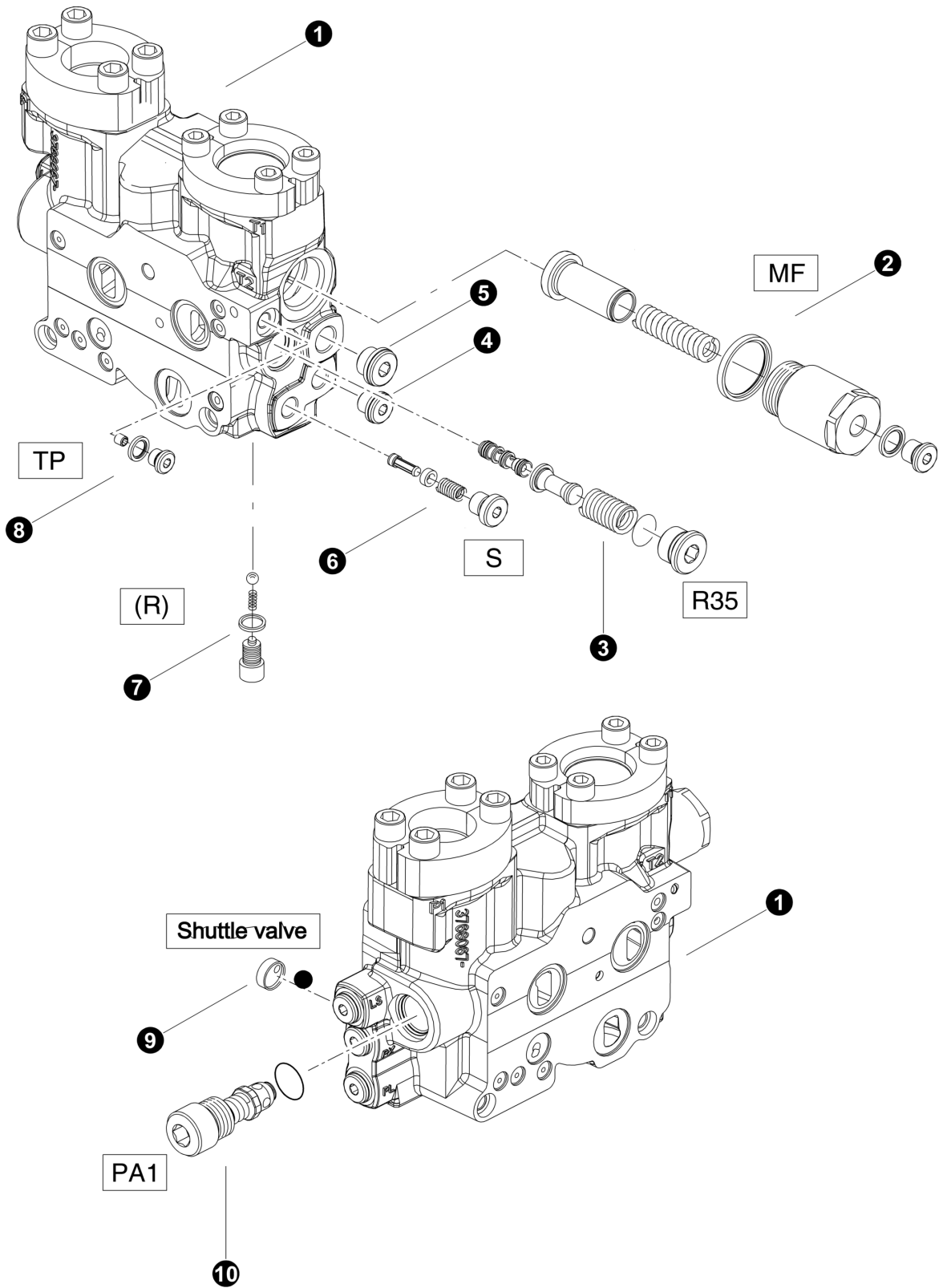
REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	23412-FH	1	<input type="checkbox"/>	VALVE SECTION, outlet	
1	NSS	1		BODY, valve section	
-	23431-FH	1	<input type="checkbox"/>	KIT, pilot supply reducer (Green)(35 bar)(see note #1)	
	23432-FH	1	<input type="checkbox"/>	KIT, pilot supply reducer (Red)(35 bar)(see 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-FH	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-FH	3		PLUG - 6408-FHP-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 T3422 05/02/2006
50.00

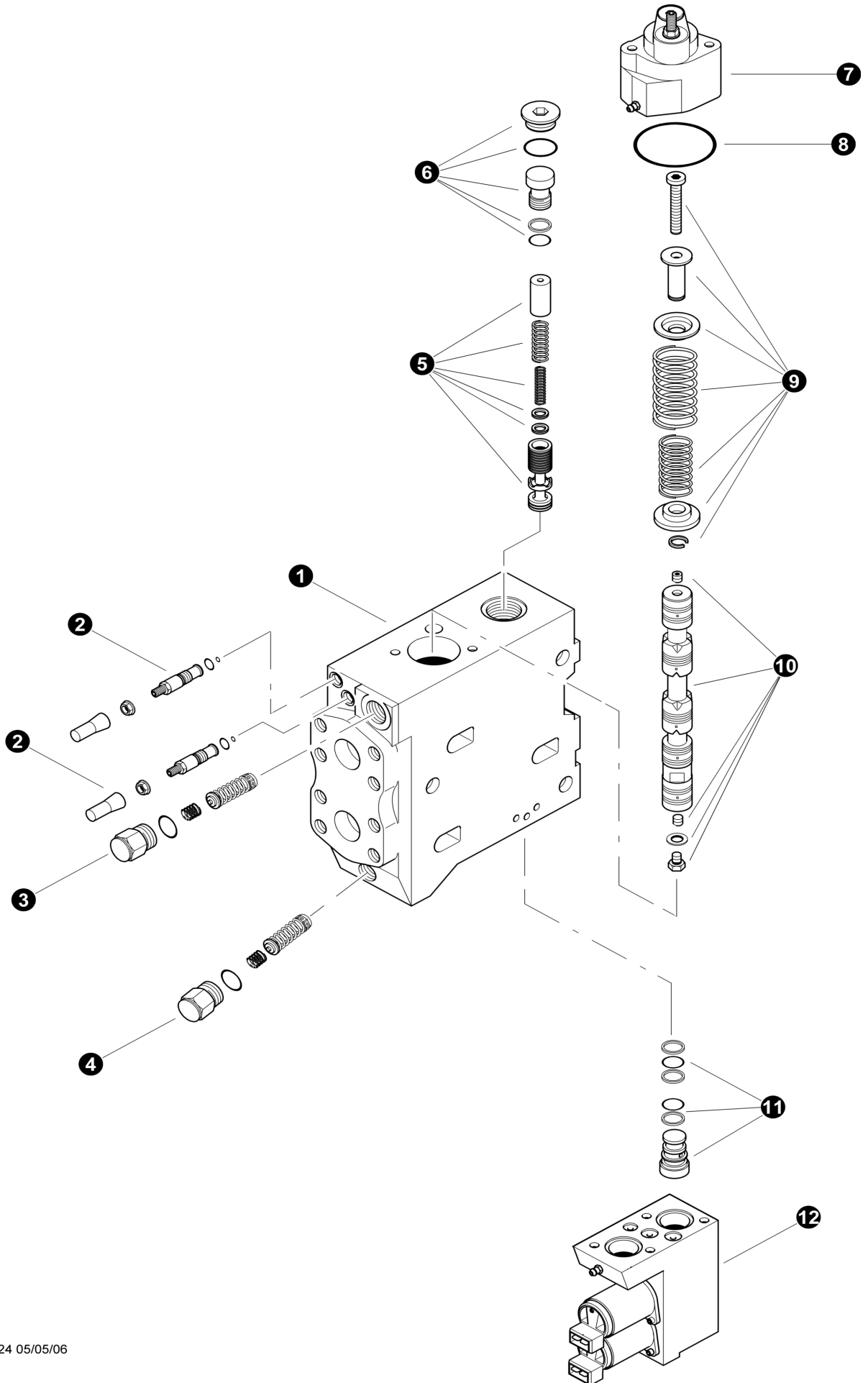
MID INLET SECTION K220 to L90

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	-FH	1	<input type="checkbox"/>	MID INLET SECTION -	
2	---	1		VALVE, Counter Pressure (9120092550)	
3	---	1		VALVE, Pilot Reducer 35 bar (9120092553)	
4	---	1		PLUG	
5	---	1		PLUG	
6	---	1		FILTER, Internal Pilot (9120092004)	
7	---	1		VALVE, Check (9120092554)	
8	---	1		PLUG, pilot tank conection (9120092555)	
9	---	1		SHUTTLE, Load Sence (9120092050)	
10	---	1		VALVE, main relief 300 bar (9120029264)	

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.



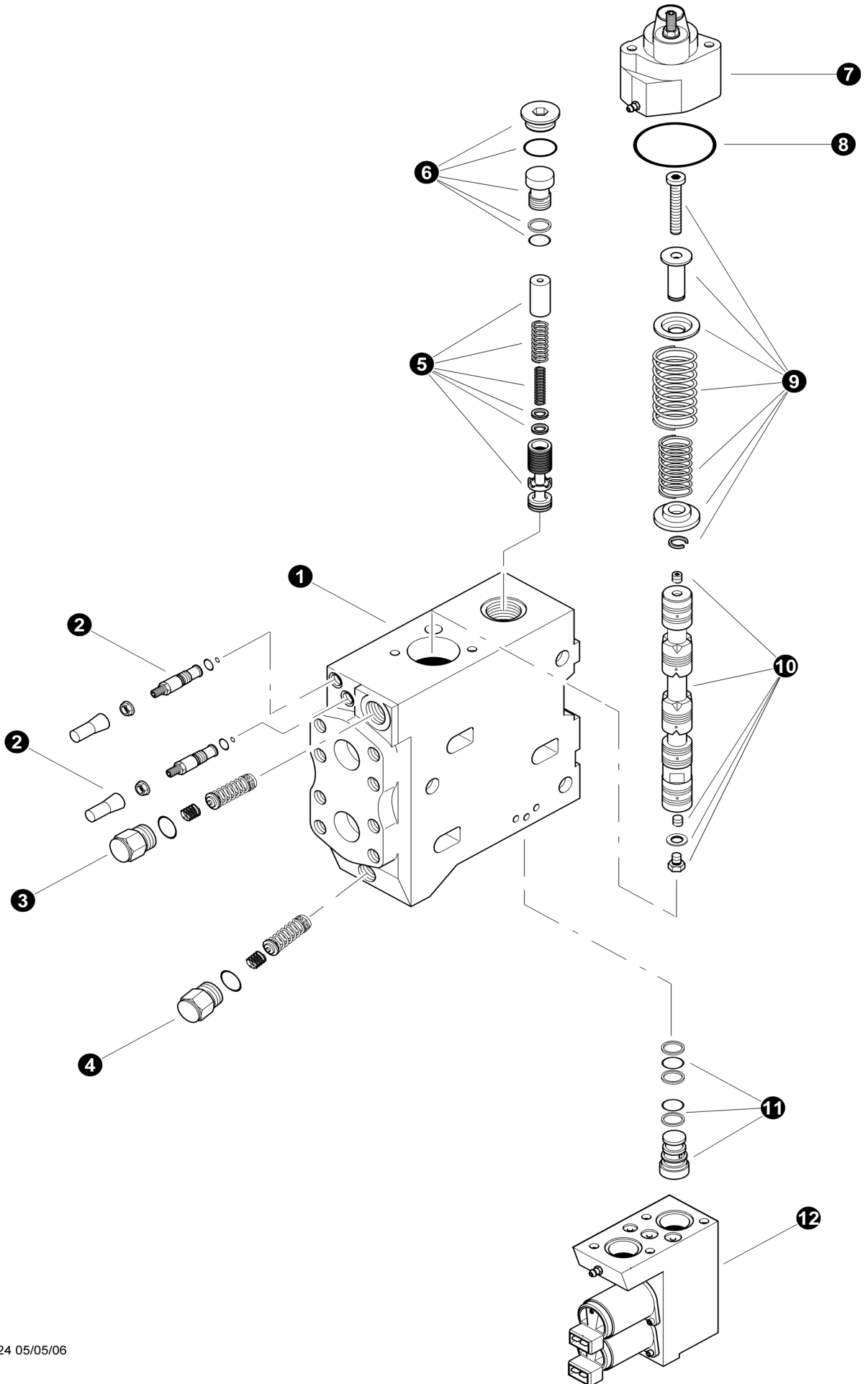
Parts T3424 05/05/06
37.5

VOAC K220 VALVE SECTION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	-FH	1	<input type="checkbox"/> VALVE SECTION - Main Boom function (K220LS-MS-US60-233B B)	
1	NSS	1	BODY	
2	---	2	<input type="checkbox"/> KIT, FEED REDUCER (393000K817)	
-	---	2	KIT, feed reducer seals (393000K852)	
3	---	1	CARTRIDGE, "B" port relief (300 Bar) (9120029967)	
4	---	1	CARTRIDGE, "A" port relief (300 Bar) (9120029967)	
5	---	1	KIT, "K3" COMPENSATOR, BLUE (9120092056)	
5	---	1	KIT, "K3" COMPENSATOR, GREEN (9120092060)	
5	---	1	KIT, "K3" COMPENSATOR, RED (9120092064)	
6	---	1	<input type="checkbox"/> PLUG 8, Compensator (9120092480)	
-	---	1	KIT, Plug 8 seals (9120092482)	
7	REF.	1	<input type="book"/> CAP, "B"port	FH-1
8	---	1	KIT, seals (9120092284)	
9	23423-FH	1	KIT, spool centering spring (393000K343)	
10	---	1	SPOOL, YXA	
11	---	1	<input type="checkbox"/> PLUG 6, Compensator (3764731)	
-	---	1	KIT, Seal Plug 6 (9120092355)	
12	REF	1	<input type="book"/> END CAP ASSEMBLY - "A" port	FH-1
-	-FH	1	<input type="checkbox"/> VALVE SECTION - Stick Boom function (K220LS-MS-US60-234B D)	
1	NSS	1	BODY	
2	---	2	<input type="checkbox"/> KIT, FEED REDUCER (393000K817)	
-	---	2	KIT, feed reducer seals (393000K852)	
3	---	1	CARTRIDGE, "B" port relief (300 Bar) (9120029960)	
4	---	1	CARTRIDGE, "A" port relief (300 Bar) (9120029967)	
5	---	1	KIT, "K2" COMPENSATOR, BLUE (9120092063)	
5	---	1	KIT, "K2" COMPENSATOR, GREEN (9120092059)	
5	---	1	KIT, "K2" COMPENSATOR, RED (9120092055)	
6	---	1	<input type="checkbox"/> PLUG 8, Compensator (9120092480)	
-	---	1	KIT, Plug 8 seals (9120092482)	
7	REF.	1	<input type="book"/> CAP, "B"port	FH-1
8	---	1	KIT, seals (9120092284)	
9	23423-FH	1	KIT, spool centering spring (393000K343)	
10	---	1	SPOOL, YXA	
11	---	1	<input type="checkbox"/> PLUG 6, Compensator (3764731)	
-	---	1	KIT, Seal Plug 6 (9120092355)	
12	REF	1	<input type="book"/> END CAP ASSEMBLY - "A" port	FH-1

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

9120092055

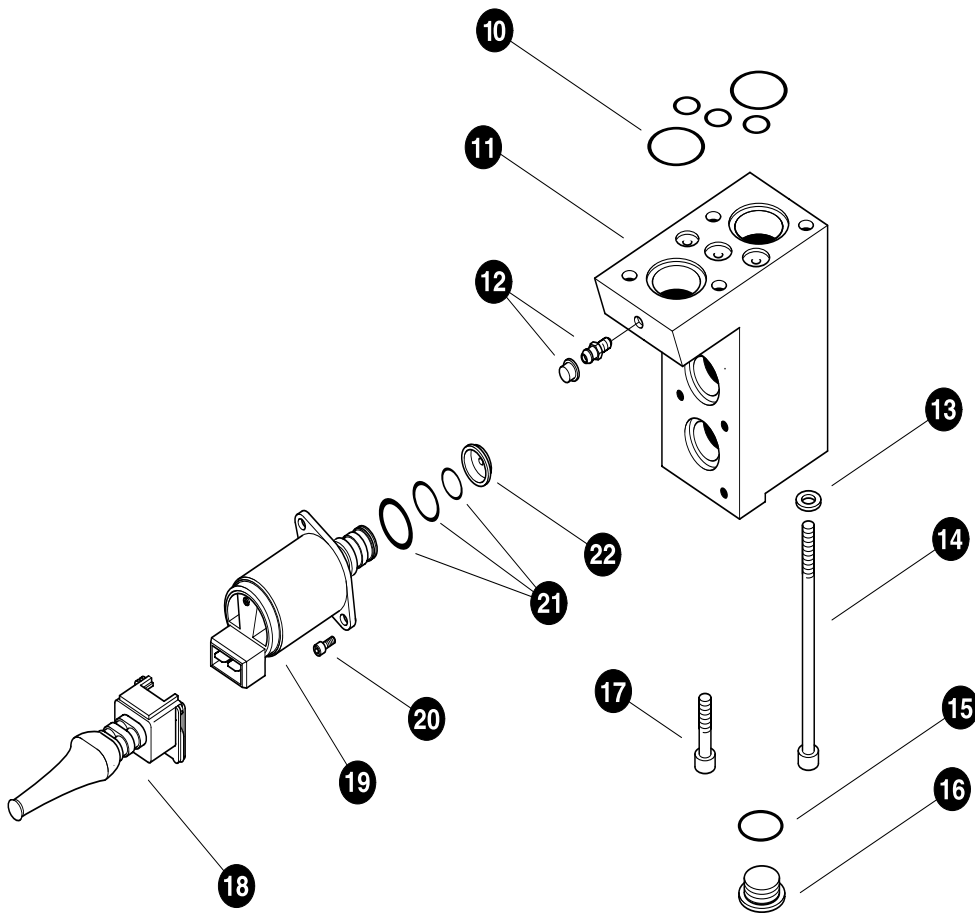
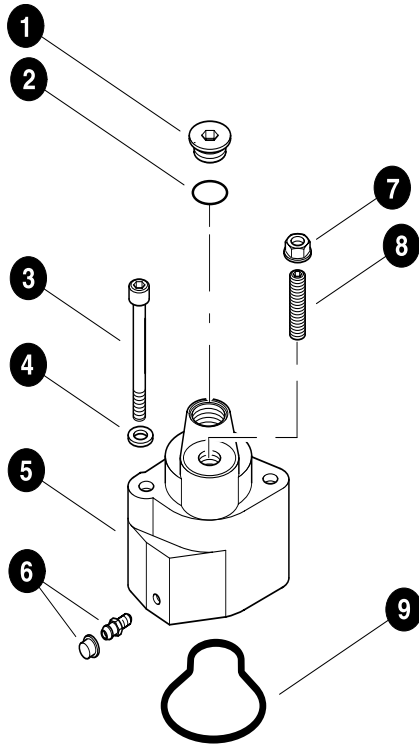


Parts T3424 05/05/06
37.5

VOAC K220 VALVE SECTION continued.....

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	-FH	1	<input type="checkbox"/> VALVE SECTION - Tool Cylinder function ((K220LS-MS-US60-236 F)	
1	NSS	1	BODY	
2	---	2	<input type="checkbox"/> KIT, FEED REDUCER (393000K817)	
-	---	2	KIT, feed reducer seals (393000K852)	
3	---	1	CARTRIDGE, "B" port relief (300 Bar) (9120029967)	
4	---	1	CARTRIDGE, "A" port relief (300 Bar) (9120029967)	
5	---	1	KIT, "K2" COMPENSATOR, BLUE (9120092063)	
5	---	1	KIT, "K2" COMPENSATOR, GREEN (9120092059)	
5	---	1	KIT, "K2" COMPENSATOR, RED (9120092055)	
6	---	1	<input type="checkbox"/> PLUG 8, Compensator (9120092480)	
-	---	1	KIT, Plug 8 seals (9120092482)	
7	REF.	1	<input type="book"/> CAP, "B"port.....	FH-1
8	---	1	KIT, seals (9120092284)	
9	23423-FH	1	KIT, spool centering spring (393000K343)	
10	---	1	SPOOL, YRX	
11	---	1	<input type="checkbox"/> PLUG 6, Compensator (3764731)	
-	---	1	KIT, Seal Plug 6 (9120092355)	
12	REF	1	<input type="book"/> END CAP ASSEMBLY - "A" port.....	FH-1

- 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-FH	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	26418-FH	1	⌘	KIT, cup seals - includes orings, seal nut and bleeder (9120092284)	
-	---	1	☐	KIT, CONTROL "A port side" K220	
10	26417-FH	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-FH	2		KIT, CONNECTOR -VOAC solenoid	
-	20976-FH	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 0.6 mm (3762396) - 1 DOT	
22	---	1		DAMPER, pilot restrictor orifice 0.8 mm (3762397) - 2 DOT	
22	---	1		DAMPER, pilot restrictor orifice 1 mm (3762398) - 3 DOT	
22	---	1		DAMPER, pilot restrictor orifice 1.1 mm (3762609) - 4 DOT	
22	---	1		DAMPER, pilot restrictor orifice 3 mm (3763308)	

☐ Kit or Assembly - includes all items indented underneath.

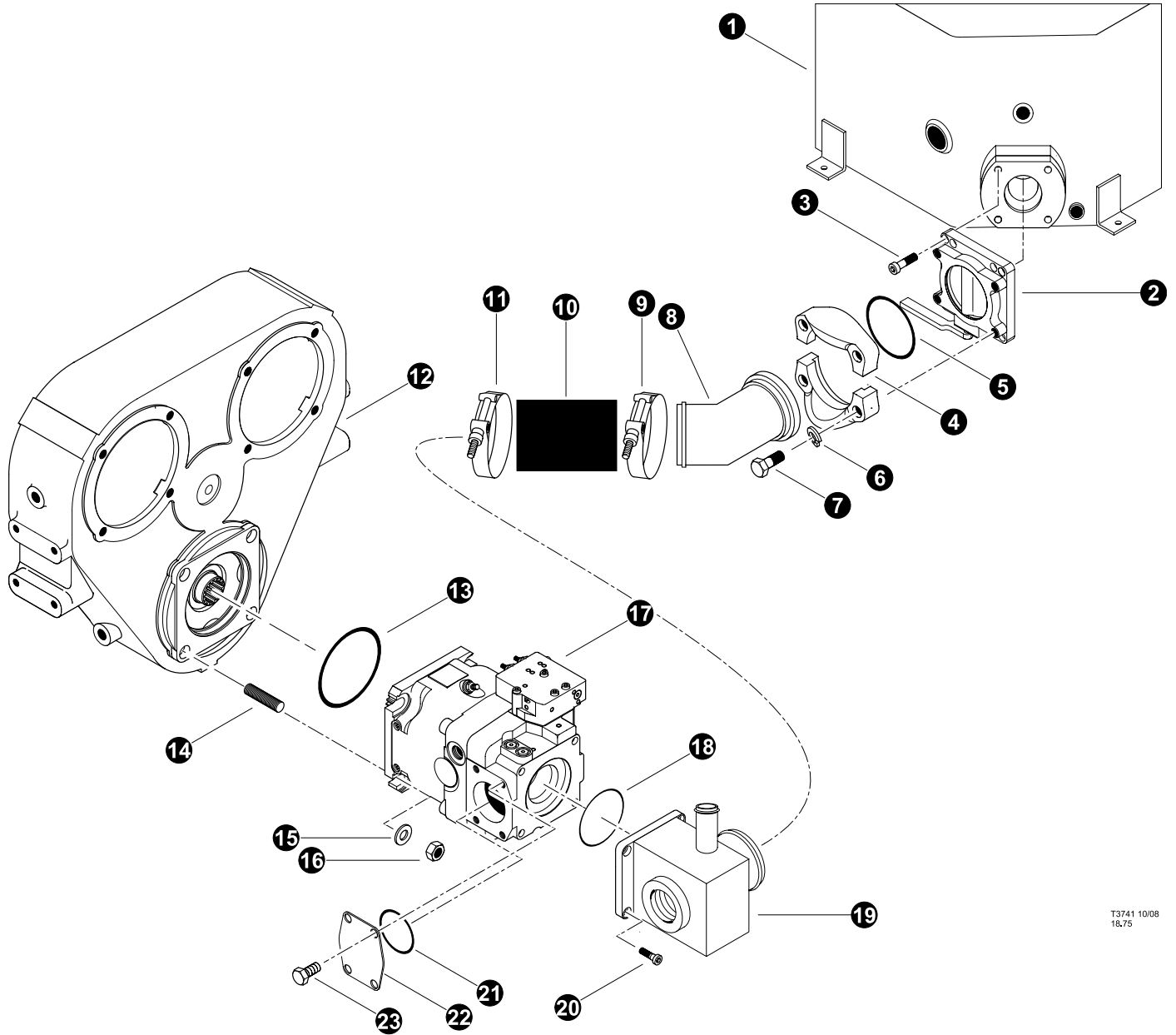
⌘ Included in seal repair kit PN# - 26418-FH

◆ Included in seal repair kit PN# - 26417-FH

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Section FH-2




Feller Buncher Hydraulics - Supply, Tank, Load sense, and Drain Circuits

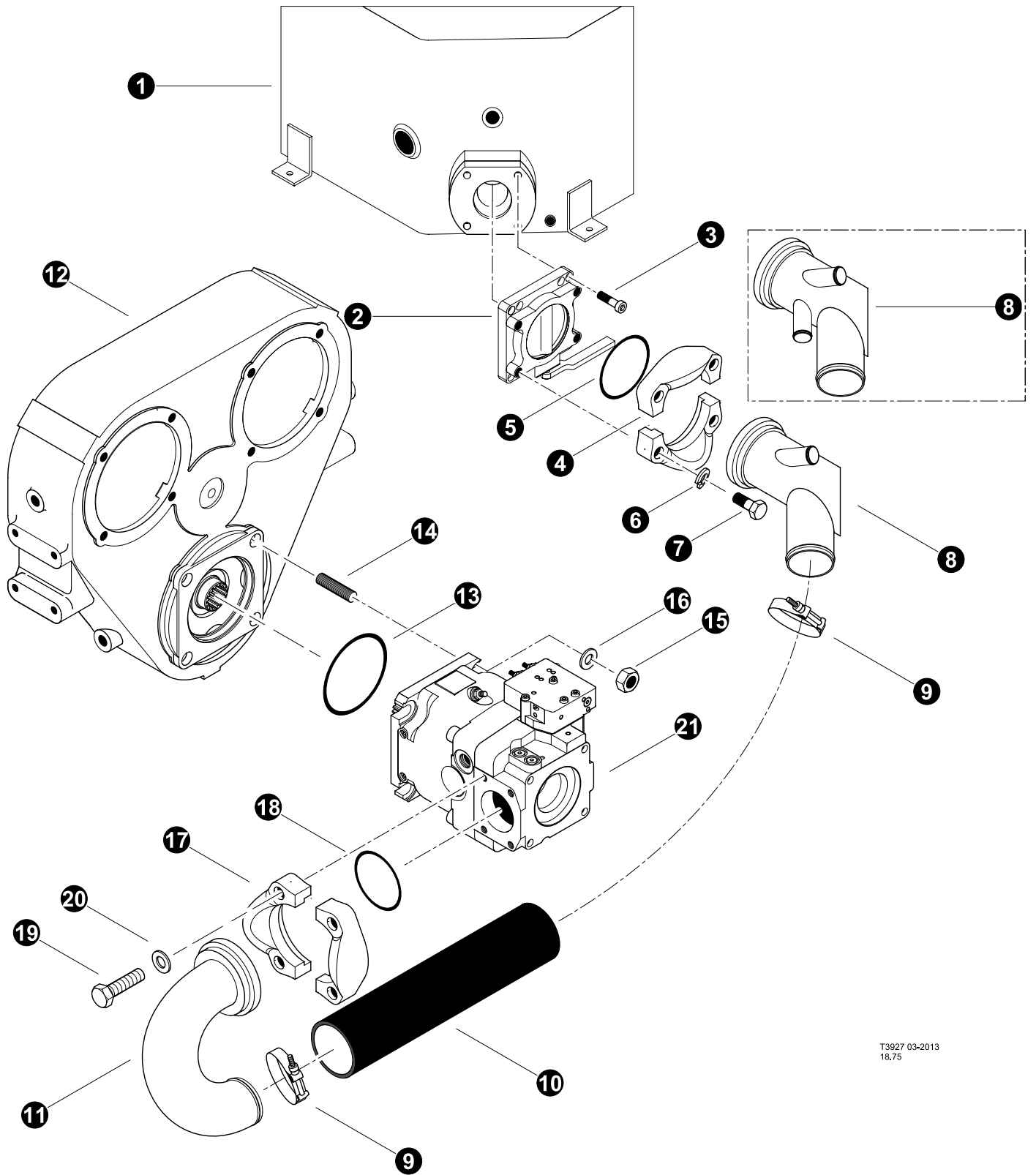


T3741 10/08
18.75

IMPLEMENT PUMP INSTALLATION Machine 0188-030813 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 HYDRAULIC TANK ASSEMBLY	UP-2
2	51619-FH	1	VALVE, SHUT OFF - BUTTERFLY (4")	
3	23095-FH	4	BOLT, ALLEN HEAD - .625" x 2"	
4	51625-FH	1	 KIT, FLANGE - SUCTION TUBE (4")	
5		1	O-RING - SUCTION TUBE (4")	
6	10721-FH	4	WASHER, LOCK - .625"	
7	15526-FH	4	BOLT - .625" X 2"	
8	52507-FH	1	TUBE, SUCTION 180 DEG 3.0" TRACK MACH	
9	17717-FF	2	CLAMP, STRAP BAND - 4.75"	
10	53989-FH	1	HOSE ASSEMBLY - 2008 64-0-0	
11	17717-FF	2	CLAMP, STRAP BAND - 4.75"	
12	REF	1	PUMP DRIVE GEARBOX	EE-4
13	15442-2-FH	1	O-RING, PUMP DRIVE PILOT	
14	40281351-EE	4	STUD, "D" Mount	
15	10776-FH	4	NUT, hex - 3/4"	
16	15550-FH	4	WASHER, SAE flat - 3/4"	
17	REF	1	 IMPLEMENT PUMP.	FH-1
18	53824-FH	1	O-RING, thru drive flange	
19	52545-FH	1	MANIFOLD, SUCTION 145 IMP PUMP	
20	17608-FH	4	BOLT, allen head - 12mm-1.75P x 30mm	
21	18695-FH	1	O-RING - 3" SF (CODE 61/62)	
22	52749-FH	1	COVER, IMPLEMENT PUMP SUCTION - A11VOL	
23	15562-FH	4	BOLT - 5/8" x 2"	





-  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.






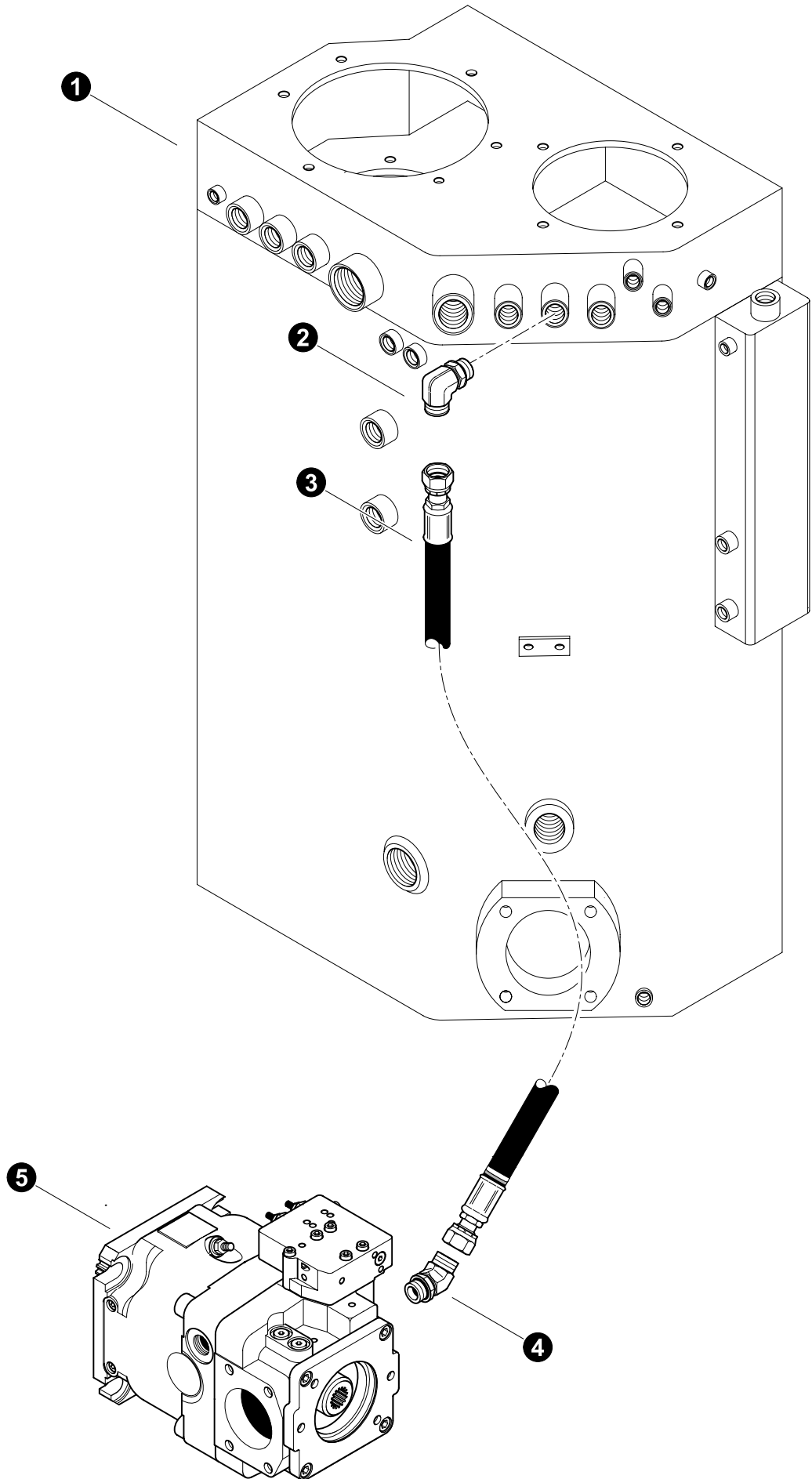
T3927 03-2013
18.75

IMPLEMENT PUMP INSTALLATION

Machine 0189 and After


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 HYDRAULIC TANK ASSEMBLY	UP-2
2	51619-HH	1	VALVE, SHUT OFF - BUTTERFLY (4")	
3	23095-HH	4	BOLT, ALLEN HEAD - .625" x 2"	
4	51625-HH	1	 KIT, FLANGE - SUCTION TUBE (4")	
5		1	O-RING - SUCTION TUBE (4")	
6	10721-HH	4	WASHER, LOCK - .625"	
7	15526-HH	4	BOLT - .625" X 2"	
8	42461-HH	1	TUBE, SUCTION - 4" FLANGE - W/O DISC SAW	
8	51886-HH	1	TUBE, SUCTION - 4" FLANGE - WITH DISC SAW	
9	15613-HH	2	CLAMP, STRAP BAND - 3.5"	
10		1	HOSE ASSEMBLY - 1012 48-0-0	
11	51876-HH	1	TUBE, SUCTION 180 DEG 3.0" 630/830	
12	REF	1	PUMP DRIVE GEARBOX	EE-4
13	15442-2-FH	1	O-RING, PUMP DRIVE PILOT	
14	40281351-EE	4	STUD, "D" Mount	
15	10776-FH	4	NUT, hex - 3/4"	
16	15550-FH	4	WASHER, SAE flat - 3/4"	
17	18306-HH	1	 KIT, split flange - 3" (Code 61)	
18	18695-HH	1	O-RING - 3" SF	
19	15562-HH	1	BOLT - 5/8" x 2"	
20	10721-HH	4	WASHER, lock - 5/8"	
21	REF	1	 IMPLEMENT PUMP.	HH-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.

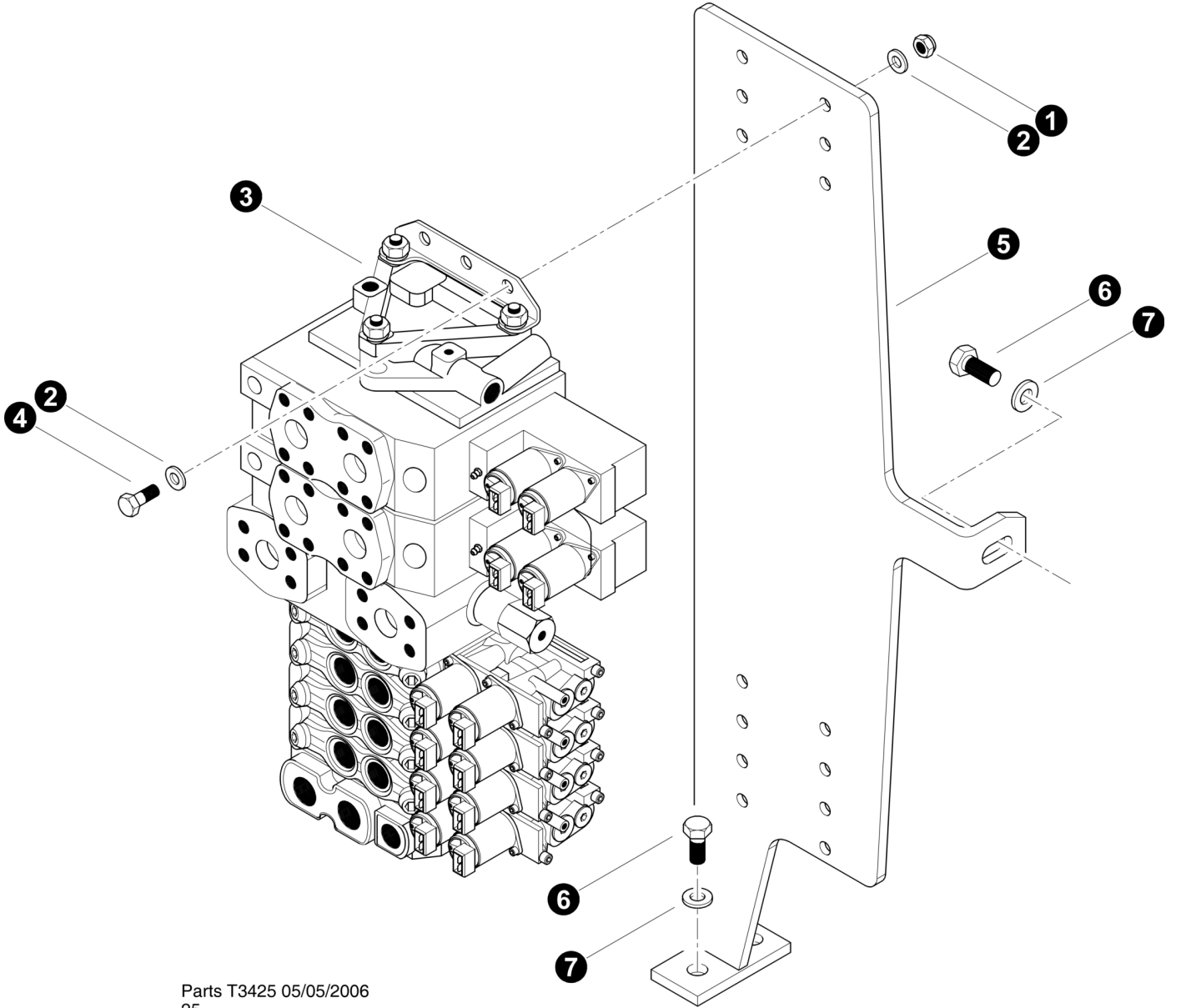


Parts T3743 08/08
18.75

IMPLEMENT PUMP CASE DRAIN LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	HYDRAULIC TANK	UP-2
2	17688-FH	1	ELBOW, 90 - FF1868T-1212S	
3	-FH	1	HOSE ASSEMBLY - 2040-12-120S-120S (<i>Implement pump case drain port to hydraulic tank</i>)	
4	19127-FH	1	ELBOW, 45 - FF2068T-1212S	
5	REF.	1	 IMPLEMENT PUMP.	FH-1


 See referenced page for component or assembly breakdown.




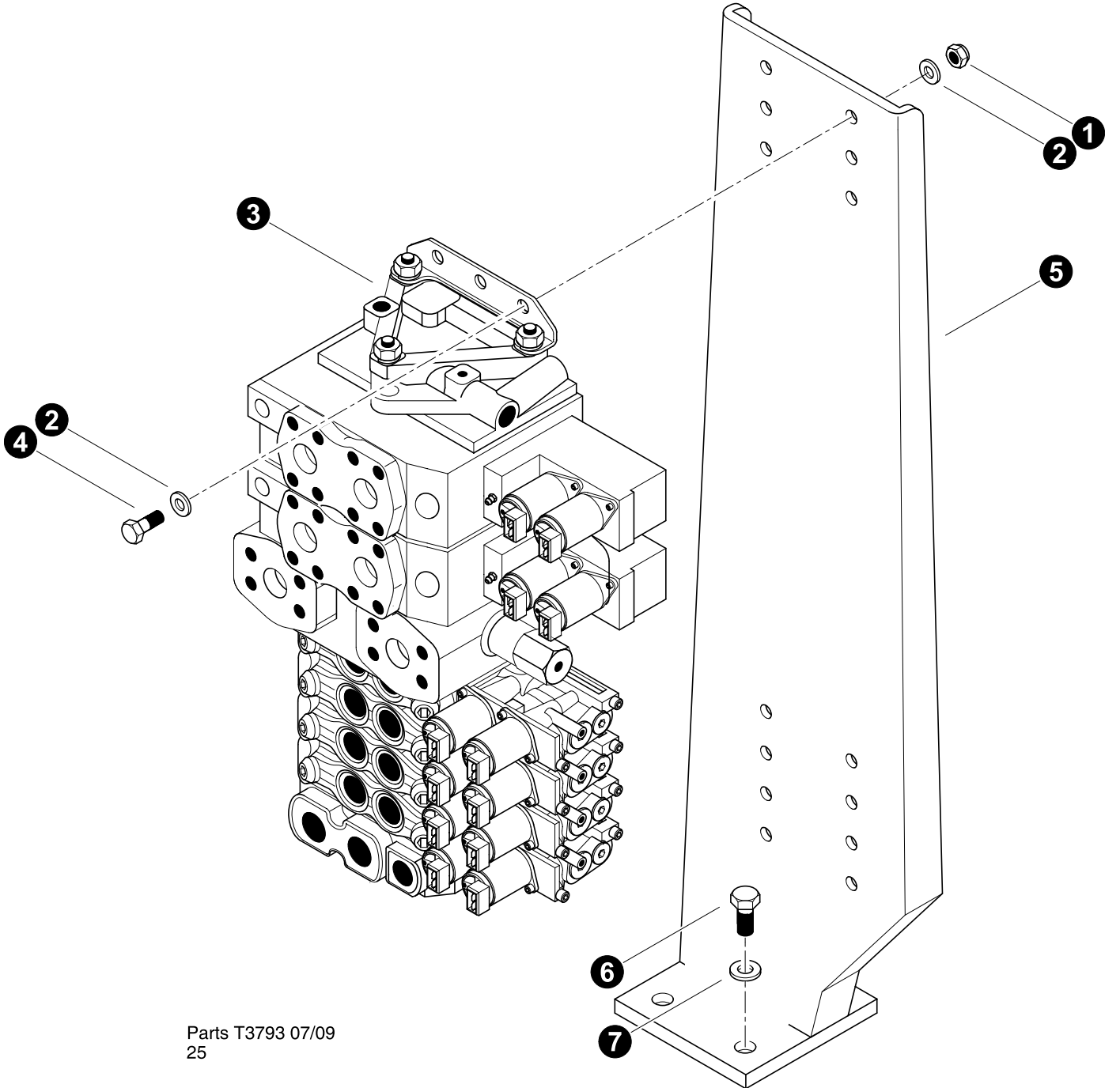
Parts T3425 05/05/2006
25

MAIN CONTROL VALVE MOUNTING

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10813-FH	4	NUT, lock 3/8"	
2	10802-FH	8	WASHER, FLAT - .375"	
3	REF	1	 MAIN CONTROL VALVE	FH-1
4	15507-FH	4	BOLT, 3/8 X 1 1/4"	
5	52344-FH	1	BRACKET, MAIN VALVE CONTROL	
6	10739-FH	3	BOLT - .5" X 1.5"	
7	10804-FH	3	WASHER, FLAT - .5"	


 See referenced page for component or assembly breakdown.




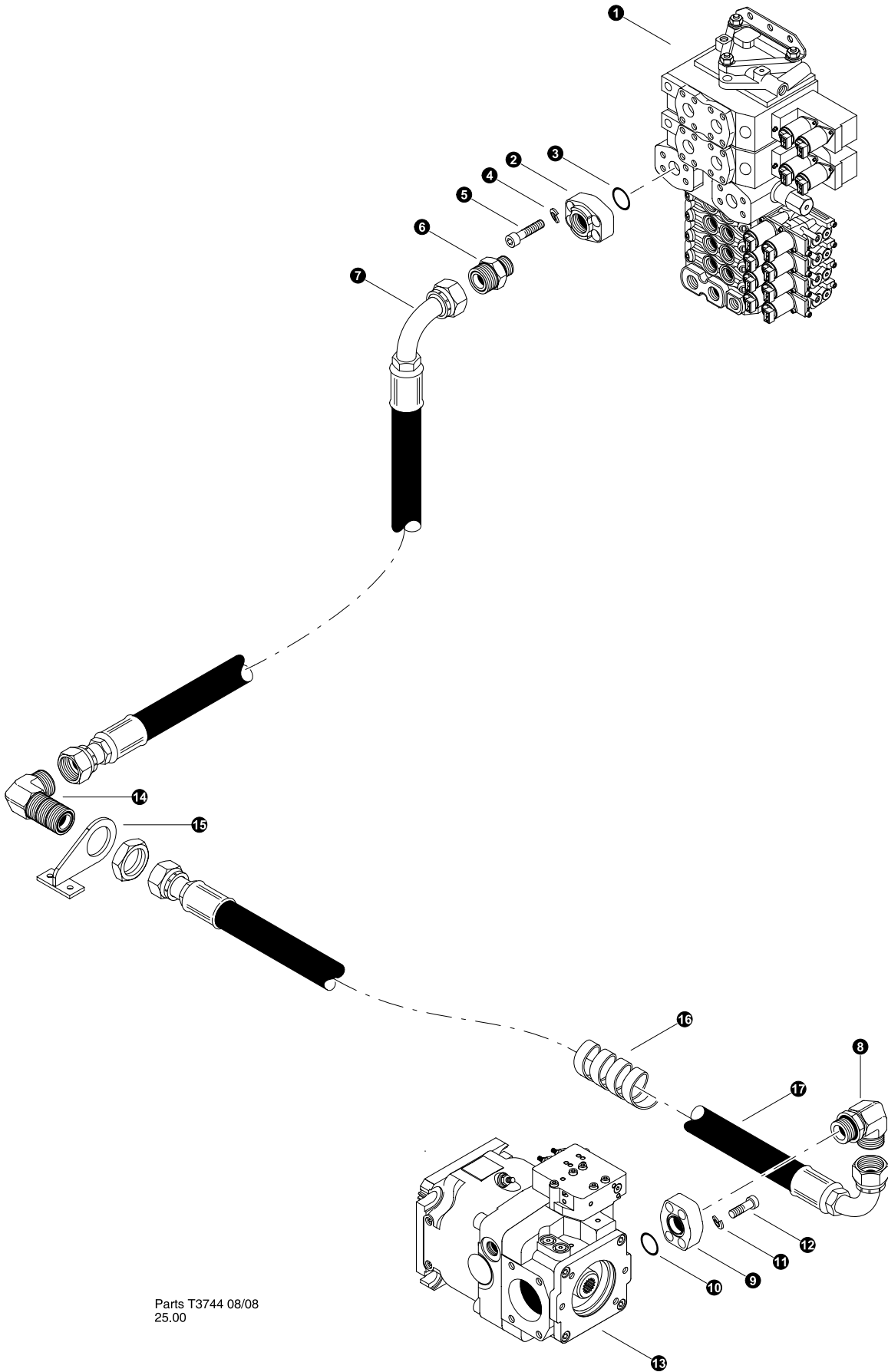
Parts T3793 07/09
25

MAIN CONTROL VALVE MOUNTING

TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10813-FH	4	NUT, lock 3/8"	
2	10802-FH	8	WASHER, FLAT - .375"	
3	REF	1	 MAIN CONTROL VALVE	FH-1
4	15507-FH	4	BOLT, 3/8 X 1 1/4"	
5	53871-FH	1	BRACKET, MAIN VALVE CONTROL	
6	10739-FH	4	BOLT - .5" X 1.5"	
7	10804-FH	4	WASHER, FLAT - .5"	





 See referenced page for component or assembly breakdown.





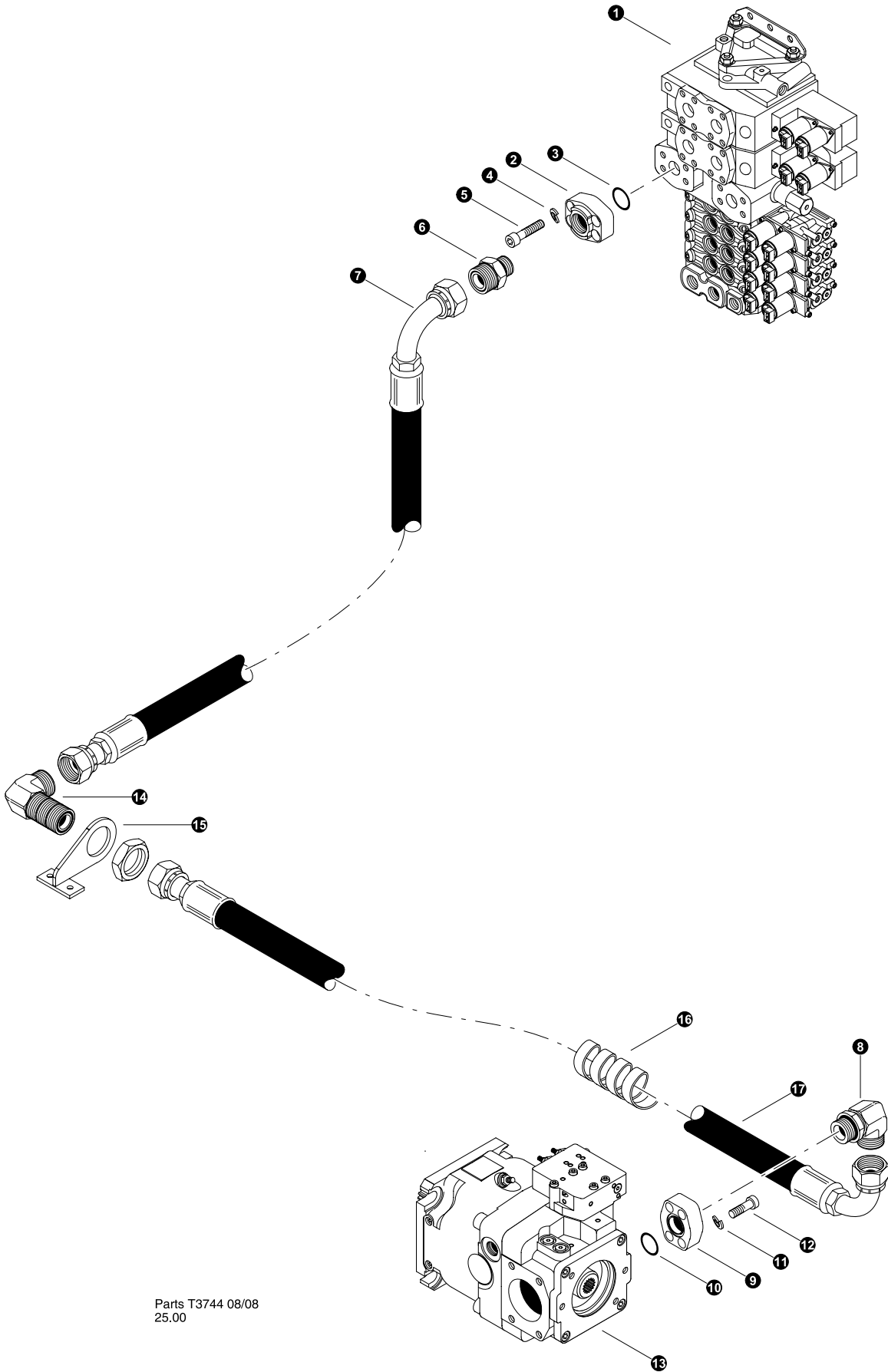
Parts T3744 08/08
25.00

IMPLEMENT PUMP PRESSURE LINE TO MAIN CONTROL VALVE

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	18397-FH	1	 CONNECTOR, FLANGE PAD - 1" C 62	
3	15377-FH	1	O-RING - 1"	
4	-	4	WASHER, lock	
5	18988-FH	4	BOLT, ALLEN HEAD - 12MM-1.75P X 45MM	
6	17063-FH	1	CONNECTOR, STR - FF1852T-2016S	
7	-FH	1	HOSE ASSEMBLY - 4025-20-20OS-2009 (<i>Pump Pressure Bulkhead to main control valve pressure inlet port "P1"</i>)	
8	17055-FH	1	ELBOW, 90 - FF1868T-2020S	
9	17016-FH	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.	FH-1
14	52429-FH	1	ELBOW, 90 BULKHEAD - #20 WELO-WLNL-S	
15	53121-FH	1	BRACKET, #20 BULKHEAD PUMP PRESSURE-T/M	
16	-FH	47"	WRAP, Plastic Spiral - SHW-32	
17	-FH	1	HOSE ASSEMBLY - 4049-20-20OS-2009 (<i>Pump Pressure Bulkhead to Implement Pump Pressure Port</i>)	





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





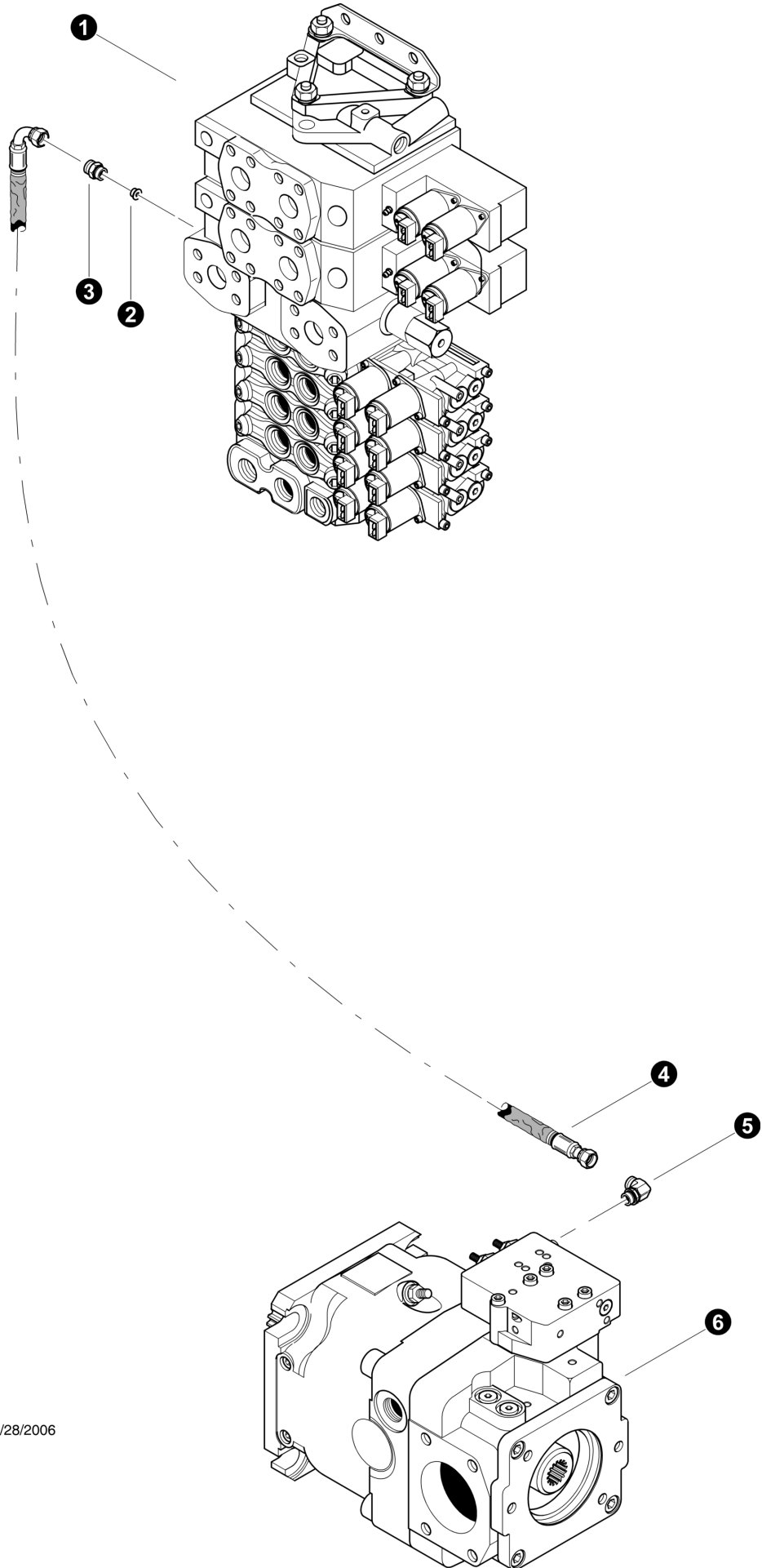
Parts T3744 08/08
25.00

IMPLEMENT PUMP PRESSURE LINE TO MAIN CONTROL VALVE

TL725B-0026-051909 and after



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	18397-FH	1	 CONNECTOR, FLANGE PAD - 1" C 62	
3	15377-FH	1	O-RING - 1"	
4	-	4	WASHER, lock	
5	18988-FH	4	BOLT, ALLEN HEAD - 12MM-1.75P X 45MM	
6	17063-FH	1	CONNECTOR, STR - FF1852T-2016S	
7	-FH	1	HOSE ASSEMBLY - 4029-20-20OS-2009 (<i>Pump Pressure Bulkhead to main control valve pressure inlet port "P1"</i>)	
8	17055-FH	1	ELBOW, 90 - FF1868T-2020S	
9	17016-FH	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.	FH-1
14	52429-FH	1	ELBOW, 90 BULKHEAD - #20 WELO-WLNL-S	
15	53121-FH	1	BRACKET, #20 BULKHEAD PUMP PRESSURE-T/M	
16	-FH	47"	WRAP, Plastic Spiral - SHW-32	
17	-FH	1	HOSE ASSEMBLY - 4049-20-20OS-2009 (<i>Pump Pressure Bulkhead to Implement Pump Pressure Port</i>)	


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

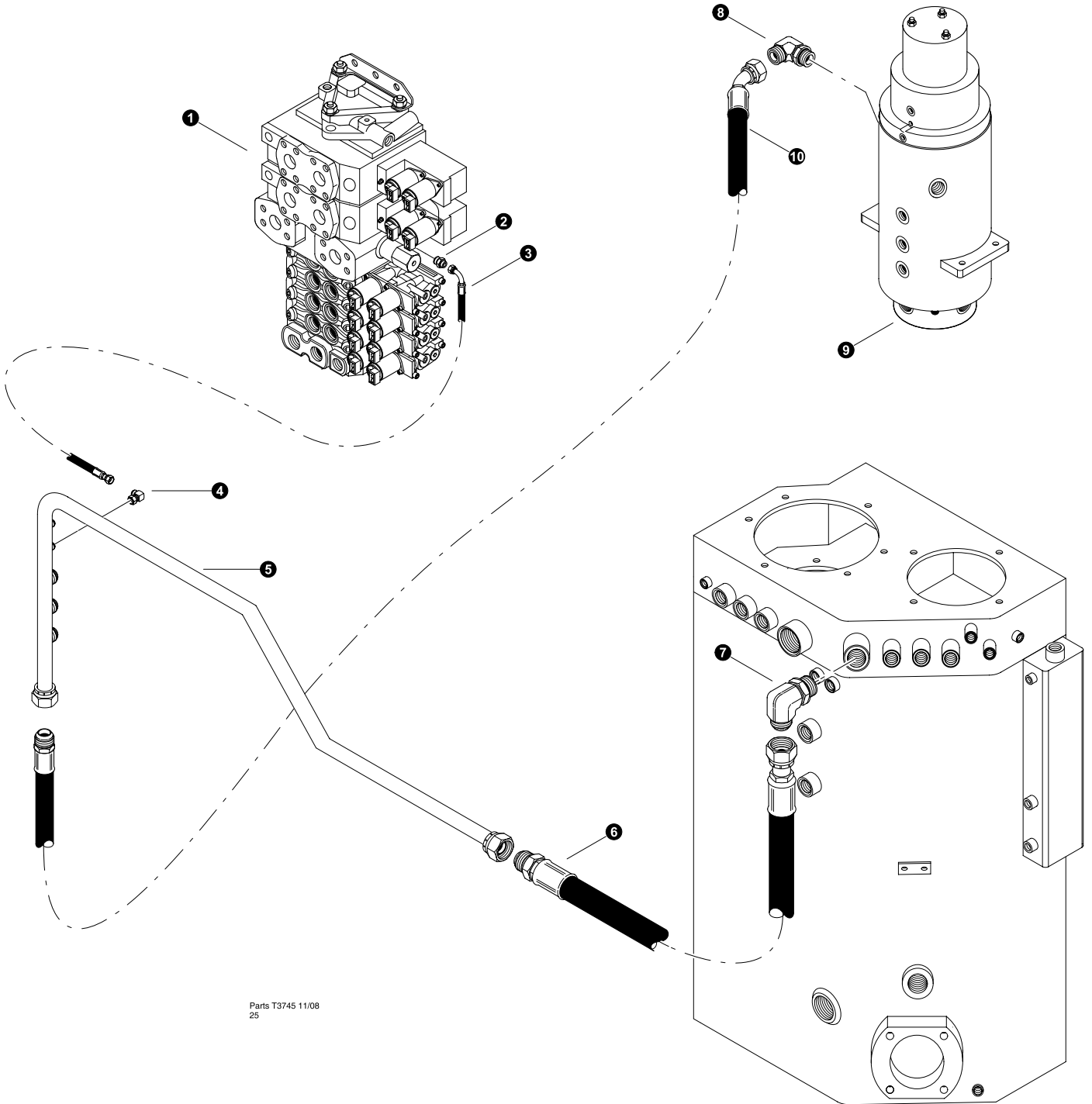


Parts T3430 05/28/2006
25.00

MAIN CONTROL VALVE LOAD SENSE LINE


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15488-FH	1	CONNECTOR, STR - 6400-6 (<i>Tapped for 0.028" orifice</i>)	
3	18503-FH	1	ORIFICE - .028"	
4	-FH	1	HOSE ASSEMBLY - 2140-06-060S-0609-W (<i>Control Valve load sense "PL" port to Implement Pump controler</i>)	
5	16296-FH	2	ELBOW, 90° - FF1868T-0606	
6	REF.	1	 IMPLEMENT PUMP.	FH-1


 See referenced page for component or assembly breakdown.

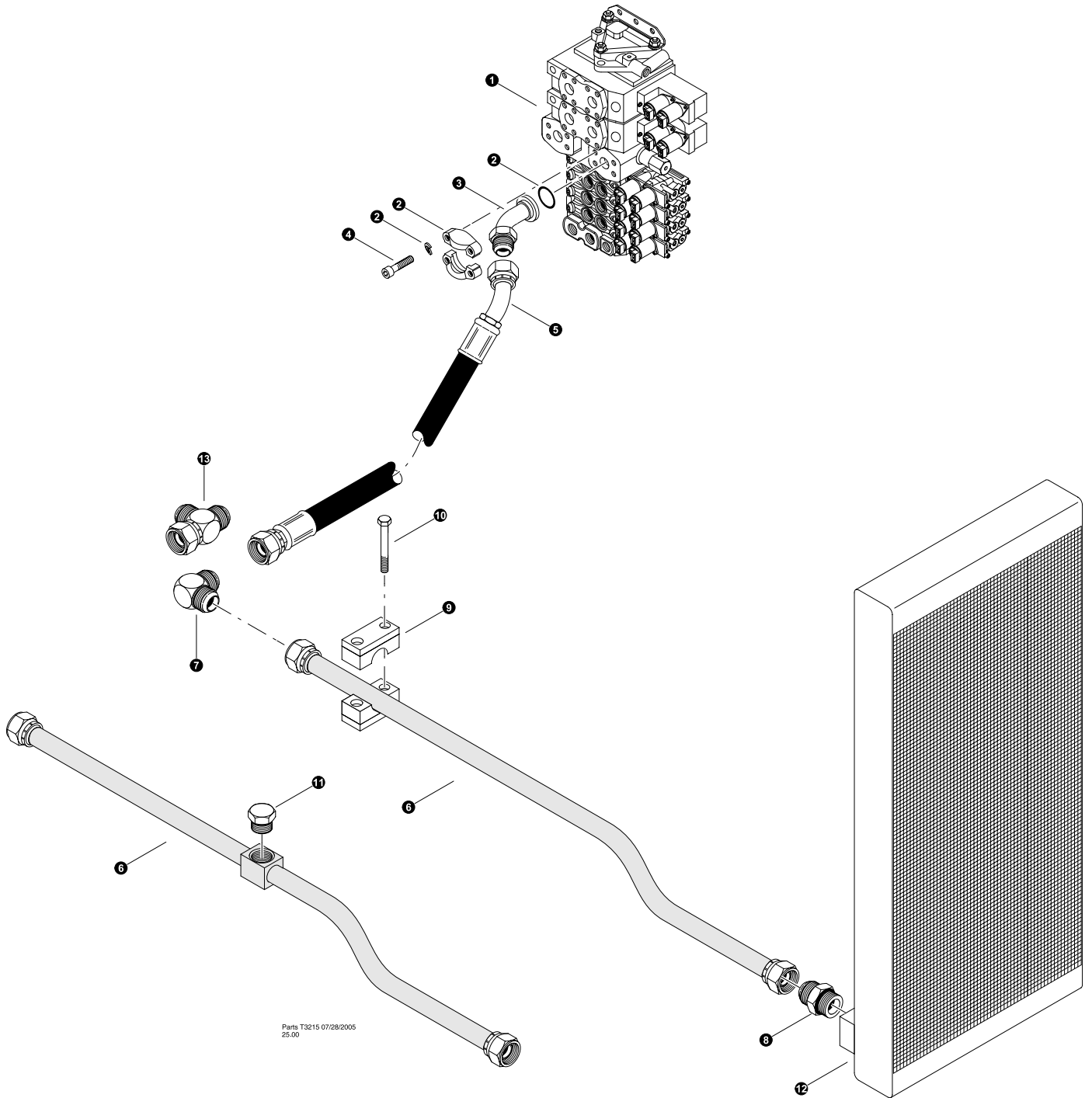


Parts T3745 11/08
25

MAIN CONTROL VALVE PILOT DRAIN LINE




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	22902-FH	1	CONNECTOR, STR - 848-TT-08X06	
3	-FH	1	HOSE ASSEMBLY - 2027-06-06JS-0604 (<i>Main control valve port "TP" to Case Drain Manifold Tube</i>)	
4	16661-FH	1	ELBOW, 90 SWIVEL - 6500-6	
5	52942-FH	1	TUBELINE, CASE DRAIN	
6	-FH	1	HOSE ASSEMBLY - 2026-16-16MJ-16FJ (<i>Case Drain Tube to Hydraulic Tank</i>)	
7	52968-FH	1	ELBOW, 90 - 16 C6XO JIC/ORB	
8	17688-FH	1	ELBOW, 90 - FF1868T-1212S	
9	REF	1	ROTORY MANIFOLD	UP-1
10	-FH	1	HOSE ASSEMBLY - 2058-12-1204-16MJ (<i>Rotory Manifold Port "V1" to Case Drain Manifold Tube</i>)	



 See referenced page for component or assembly breakdown.

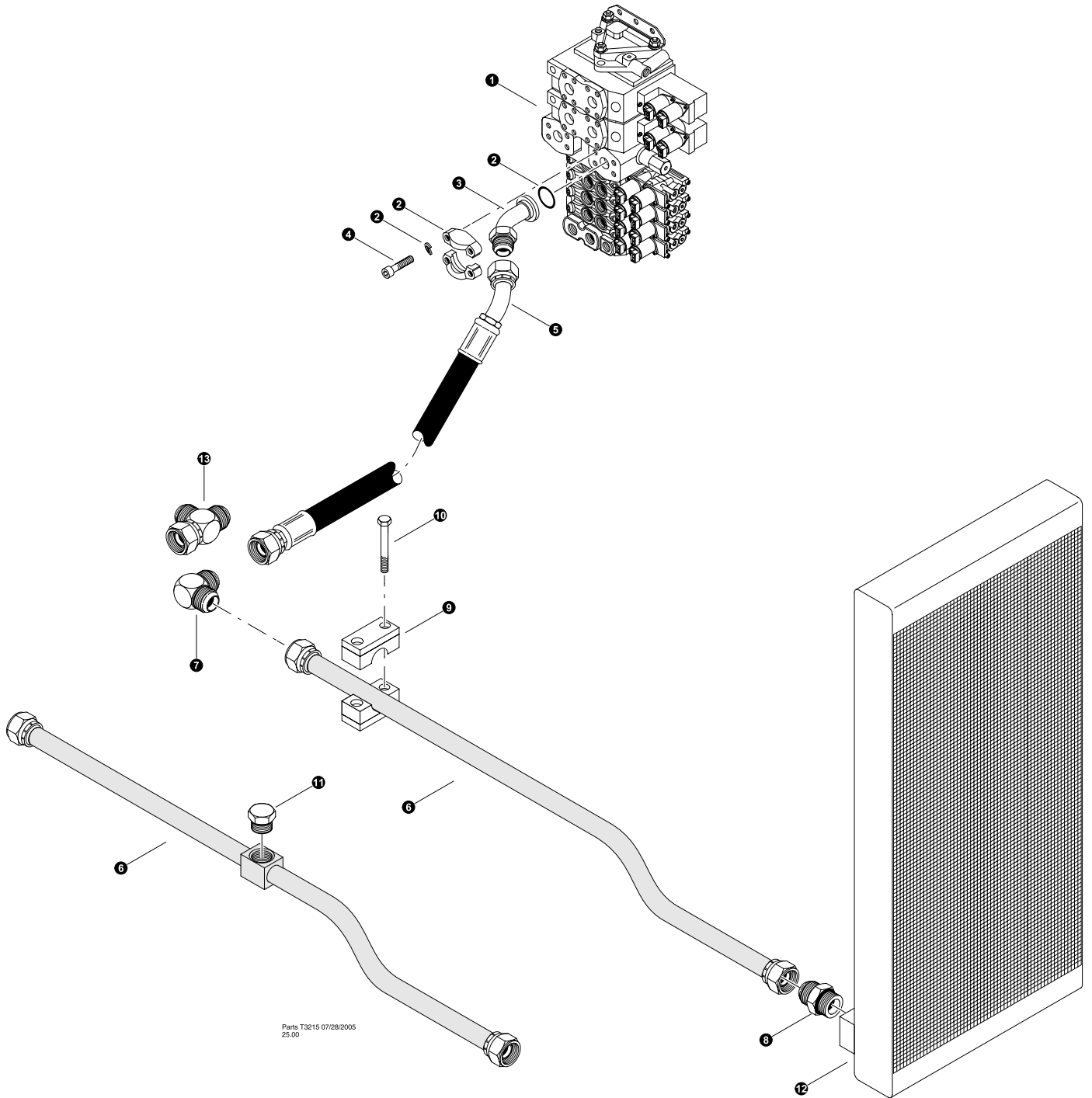


MAIN CONTROL VALVE RETURN LINE

TN725B-0025-041309 and Before




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15112-FH	1	 KIT, SPLIT FLANGE - 1.25" (CODE 61)	
-	15378-FH	1	O-RING - 1.25" SF (CODE 61/62)	
-	-FH	4	WASHER,	
3	52443-FH	1	ELBOW, 45 MALE JIC X O-RING FLANGE (61)	
4	-FH	4	BOLT, ALLEN HEAD - 10MM	
5	-FH	1	HOSE ASSEMBLY - 2019-20-24JS-20J4 (<i>Return Oil Tubeline to main control valve tank port "T1" Standard</i>)	
6	52599-FH	1	TUBELINE, OIL COOLER RETURN - Standard	
-	52384-FH	1	TUBELINE, OIL COOLER RETURN - Rolly II Harvester	
7	53614-FH	1	ELBOW, 90 JIC #24	
8	53616-FH	1	FITTING, STR - 24 X 20 - RETURN TUBE	
9	52372-FH	1	 CLAMP, STEEL TUBELINES (WHEEL DRIVE)	
10	16365-FH	2	BOLT - .375" X 2.75"	
11	18950-FH	1	PLUG - 6408-FHP-20	
12	REF	1	OIL COOLER BREAKDOWN	UP-3
13	53183-FH	1	TEE, #24 RUN	



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

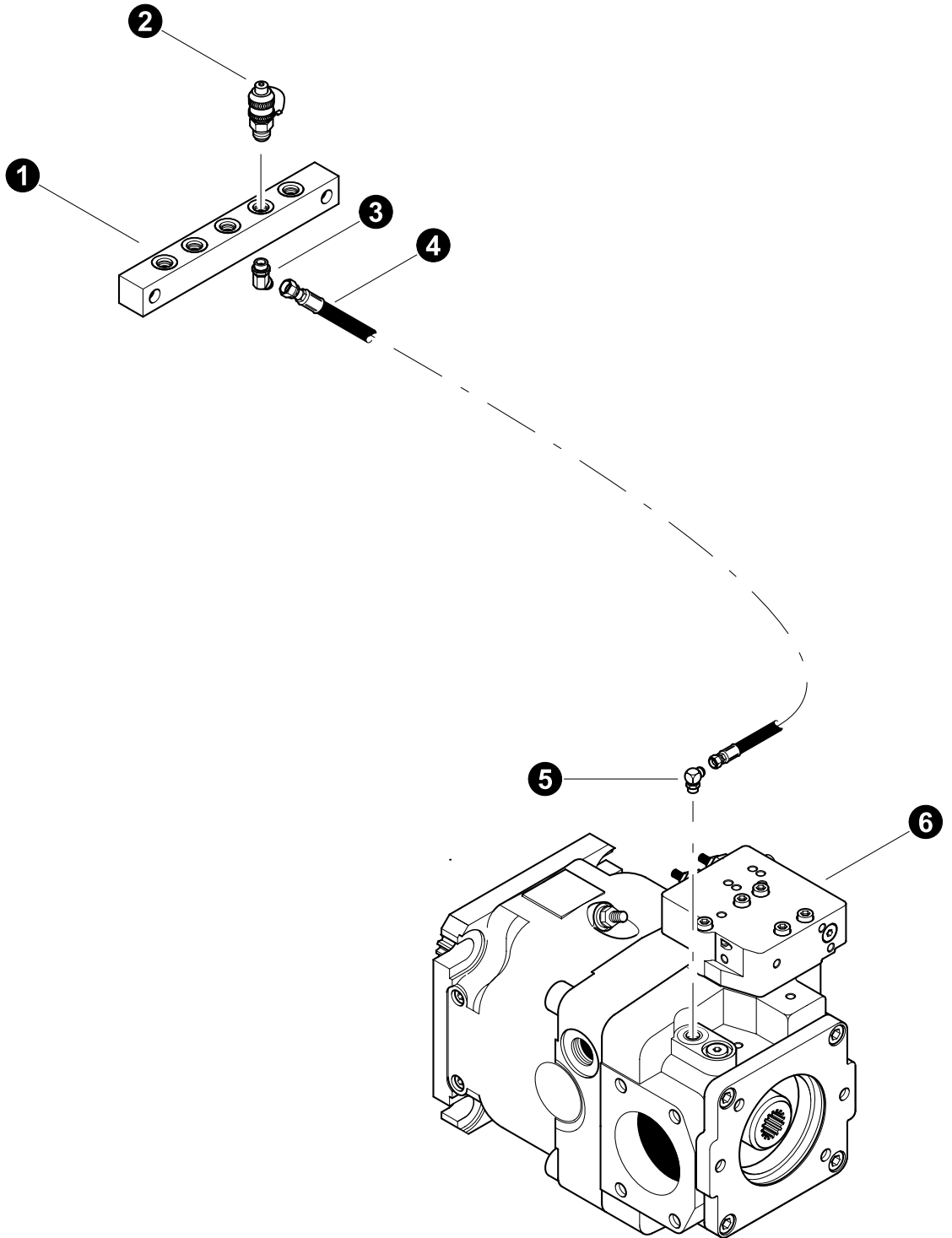


MAIN CONTROL VALVE RETURN LINE

TL725B-0026-051909 and after


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15112-FH	1	 KIT, SPLIT FLANGE - 1.25" (CODE 61)	
-	15378-FH	1	O-RING - 1.25" SF (CODE 61/62)	
-	-FH	4	WASHER,	
3	52443-FH	1	ELBOW, 45 MALE JIC X O-RING FLANGE (61)	
4	-FH	4	BOLT, ALLEN HEAD - 10MM	
5	-FH	1	HOSE ASSEMBLY - 2021-20-24JS-20J4 (<i>Return Oil Tubeline to main control valve tank port "T1" Standard</i>)	
6	52599-FH	1	TUBELINE, OIL COOLER RETURN - Standard	
-	52384-FH	1	TUBELINE, OIL COOLER RETURN - Rolly II Harvester	
7	53614-FH	1	ELBOW, 90 JIC #24	
8	53616-FH	1	FITTING, STR - 24 X 20 - RETURN TUBE	
9	52372-FH	1	 CLAMP, STEEL TUBELINES (WHEEL DRIVE)	
10	16365-FH	2	BOLT - .375" X 2.75"	
11	18950-FH	1	PLUG - 6408-FHP-20	
12	REF	1	OIL COOLER BREAKDOWN	UP-3
13	53183-FH	1	TEE, #24 RUN	

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



Parts T3746 11/08
18.75

IMPLEMENT PUMP GAUGE PORT

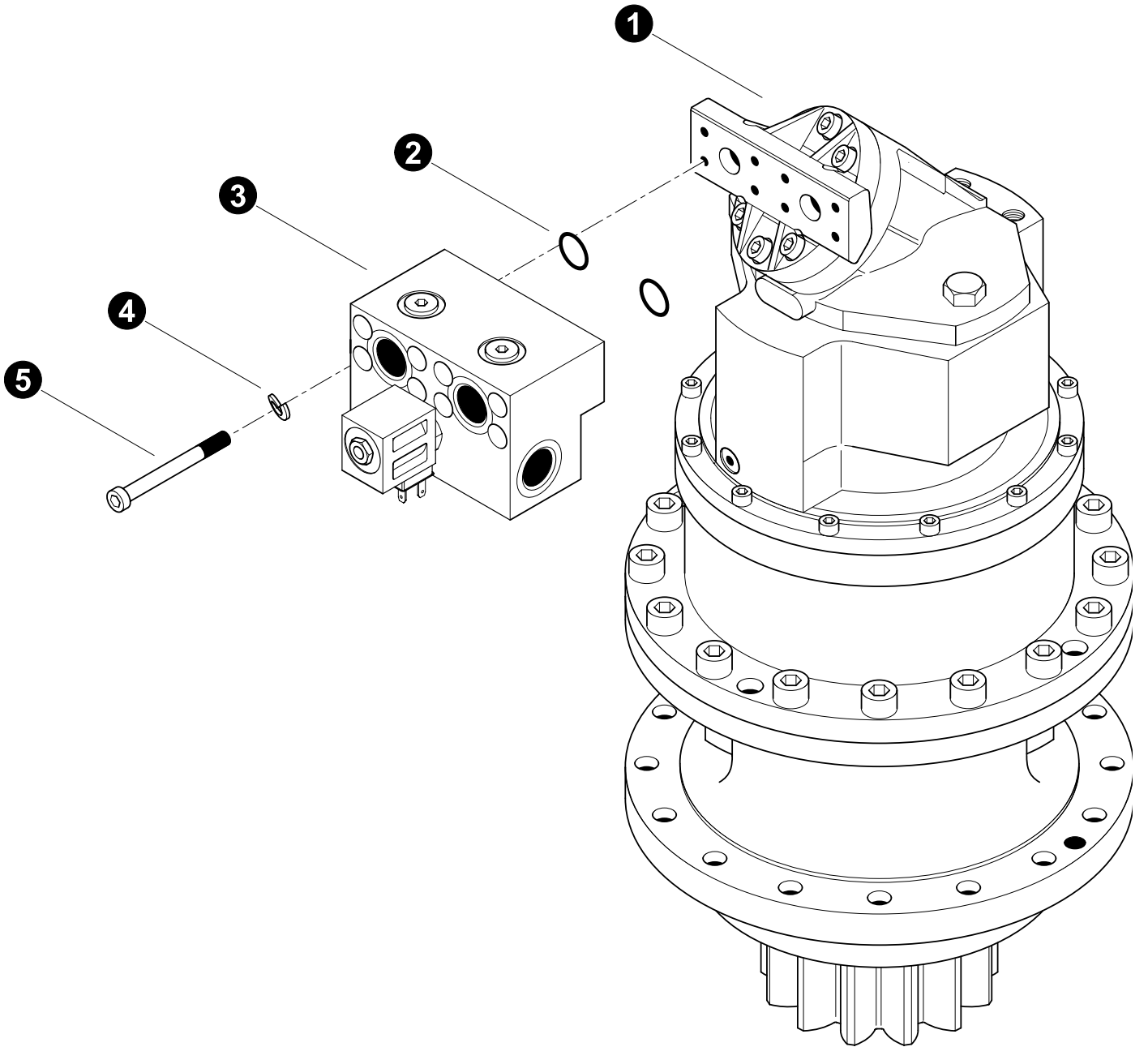
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	22287-DH	1	MANIFOLD, PRESSURE CHECK	
2	16037-FH	1	TAP, gauge port (1/4" ORB)	
3	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
4	-FH	1	HOSE ASSEMBLY - 2048-02-04JS-04JS (Implement Pump to pressure check manifold) Part of kit #52203	
5	51889-FH	1	ELBOW, 90 - (4C50X-S)	
6	REF.	1	 MAIN CONTROL VALVE	FH-1

 See referenced page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.



Section FH-3

Feller Buncher Hydraulics - Swing Motor Hydraulics

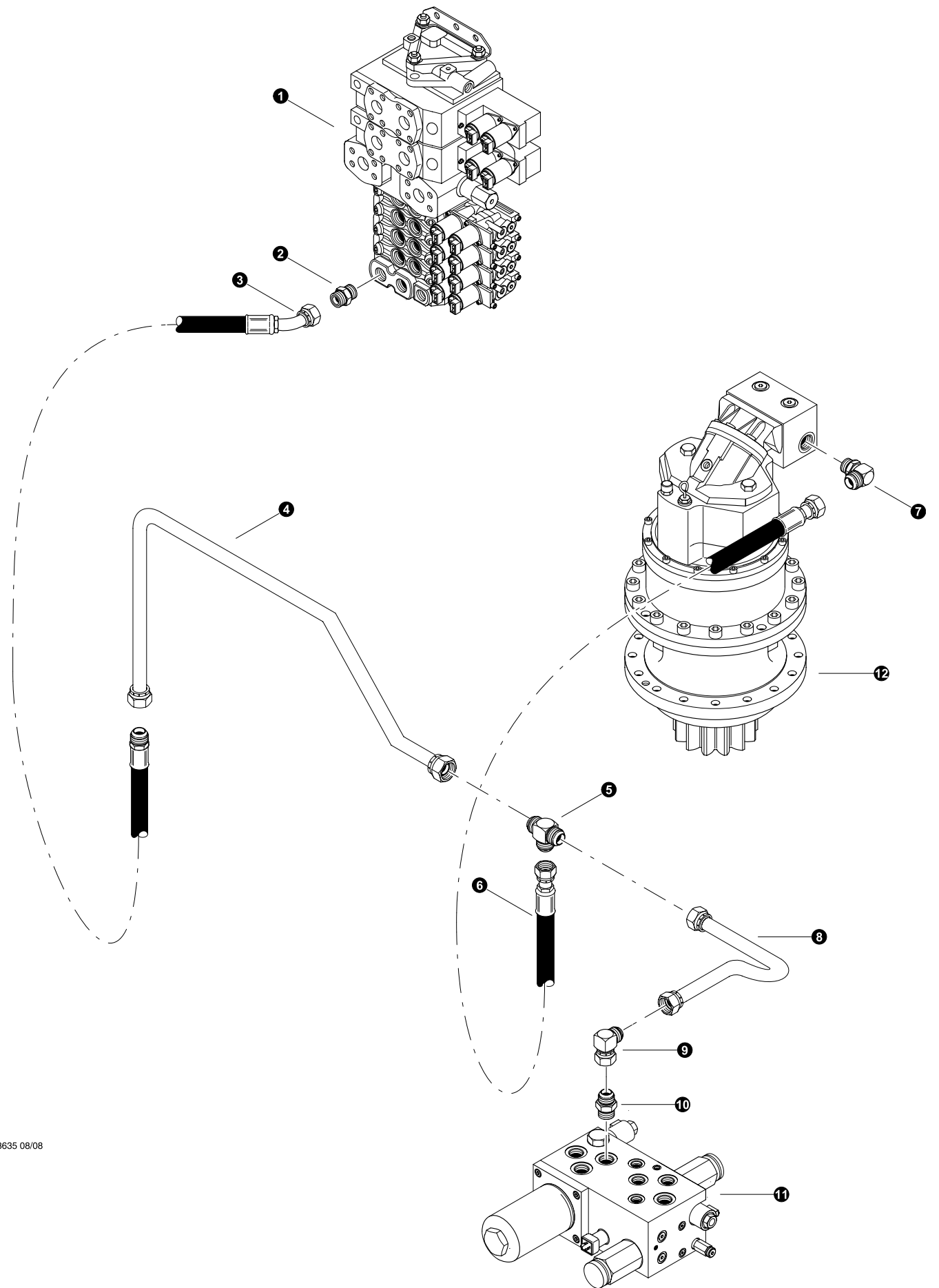


Parts T3234 07/29/2005
25.00

SWING MOTOR HYDRAULICS (anti-cavitation valve installation)



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		MOTOR/GEARBOX - SWING	FH-3
2	-FH	2		O-RING, 3/4 code 62	
3	REF.	1		ANTI-CAVITATION VALVE	FH-3
4	-FH	4		WASHER, LOCK - 10 mm HIGH COLLAR	
5	51389-FH	4		BOLT, ALLEN HEAD - 10MM-1.5P X 100MM (with lock washer)	
5	53993-FH	4		BOLT, ALLEN HEAD - 10MM-1.5P X 90MM (without lock washer)	

 See referenced page for component or assembly breakdown.

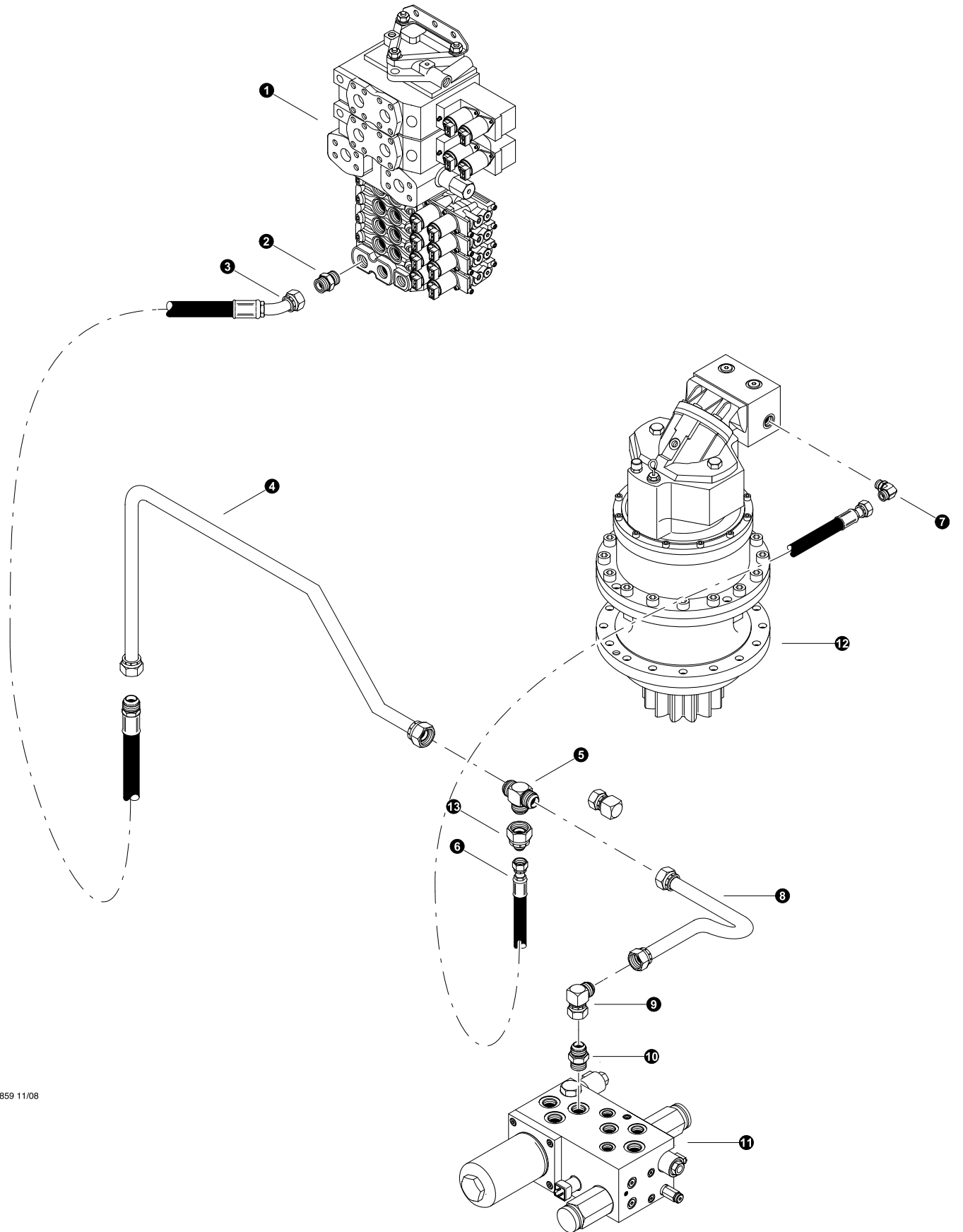


Parts T3635 08/08
25.00

**SWING MOTOR HYDRAULICS
(anti cavitaion block supply)
SN 0073 and Before**



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
3	-FH	1	HOSE ASSEMBLY - 2035 -12-12O4-16MJ (<i>Anti-cav supply tube to main control valve port T3</i>)	
4	52943-FH	1	TUBELINE, REGEN/IMPLEMENT VALVE	
5	52970-FH	1	TEE, UNION - 16 JTXO	
6	-FH	1	HOSE ASSEMBLY - 2034 -16-16FJ-16FJ (<i>Anti-cav supply tube tee to swing motor</i>)	
7	53076-FH	1	ELBOW - 16-12 C50X-S	
8	53128-FH	1	TUBELINE, CHARGE/FAN MANIFOLD 'T1' PORT	
9	52968-FH	1	ELBOW, 90 - 16 C6XO JIC	
10	15497-FH	1	CONNECTOR, STR - 16 F5OX-S	
11	REF	1	FAN CONTROL MANIFOLD	UP-3
12	REF.	1	 MOTOR/GEARBOX - SWING	FH-3

 See referenced page for component or assembly breakdown.

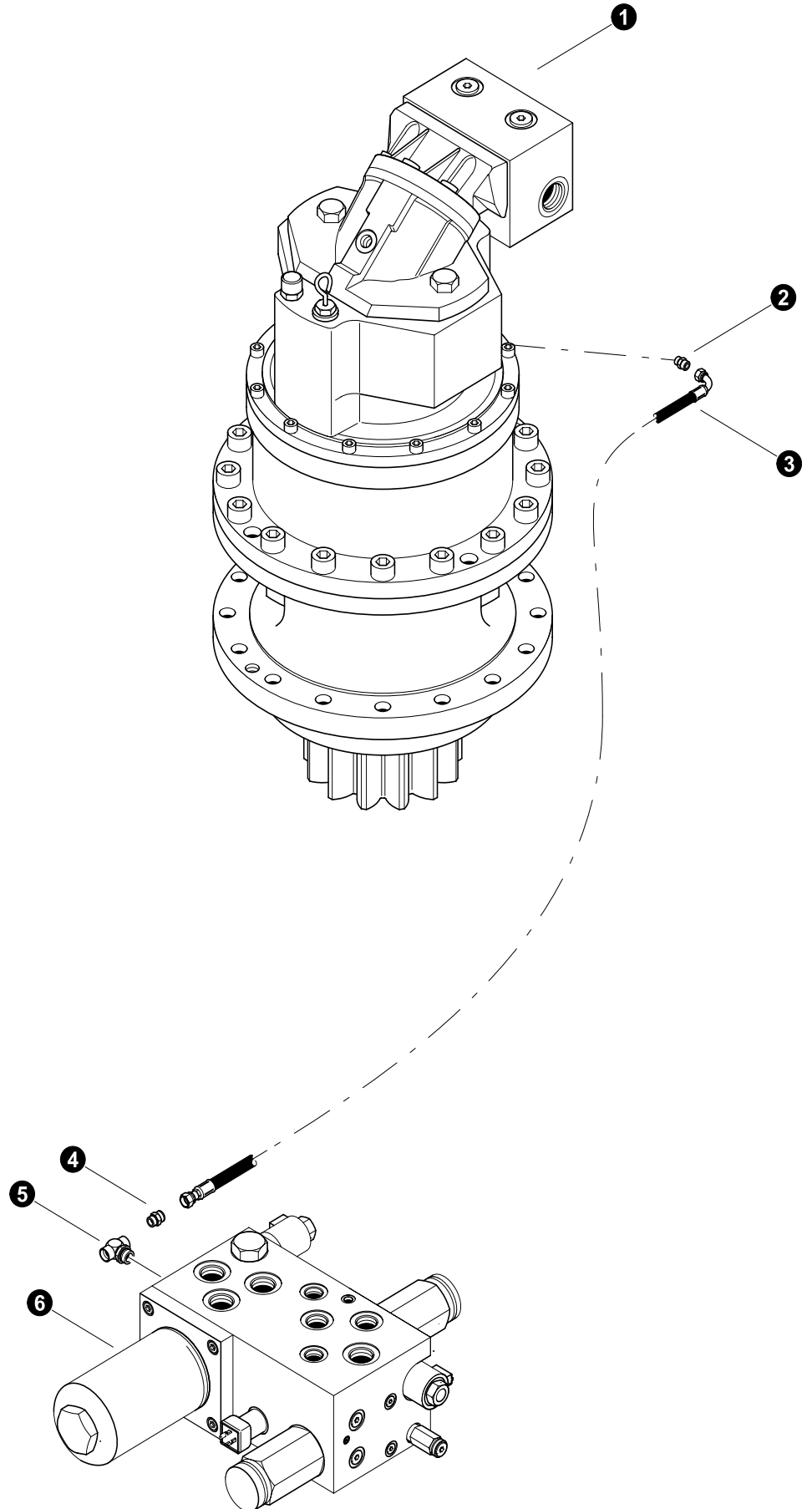


Parts T3859 11/08
25.00

**SWING MOTOR HYDRAULICS
(anti cavitaion block supply)
SN 0074 and After**



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
3	-FH	1	HOSE ASSEMBLY - 2035 -12-12O4-16MJ (<i>Anti-cav supply tube to main control valve port T3</i>)	
4	52943-FH	1	TUBELINE, REGEN/IMPLEMENT VALVE	
5	52970-FH	1	TEE, UNION - 16 JTXO	
6	-FH	1	HOSE ASSEMBLY - 2035 -08-08OS-08JS (<i>Anti-cav supply tube tee to swing motor</i>)	
7	16360-FH	1	ELBOW 90 - 08-08	
8	53128-FH	1	TUBELINE, CHARGE/FAN MANIFOLD 'T1' PORT	
9	52968-FH	1	ELBOW, 90 - 16 C6XO JIC	
10	15497-FH	1	CONNECTOR, STR - 16 F5OX-S	
11	REF	1	FAN CONTROL MANIFOLD	UP-3
12	REF.	1	 MOTOR/GEARBOX - SWING	FH-3
13	-FH	1	CONNECTOR, 16-8 TRTXN-S	


 See referenced page for component or assembly breakdown.

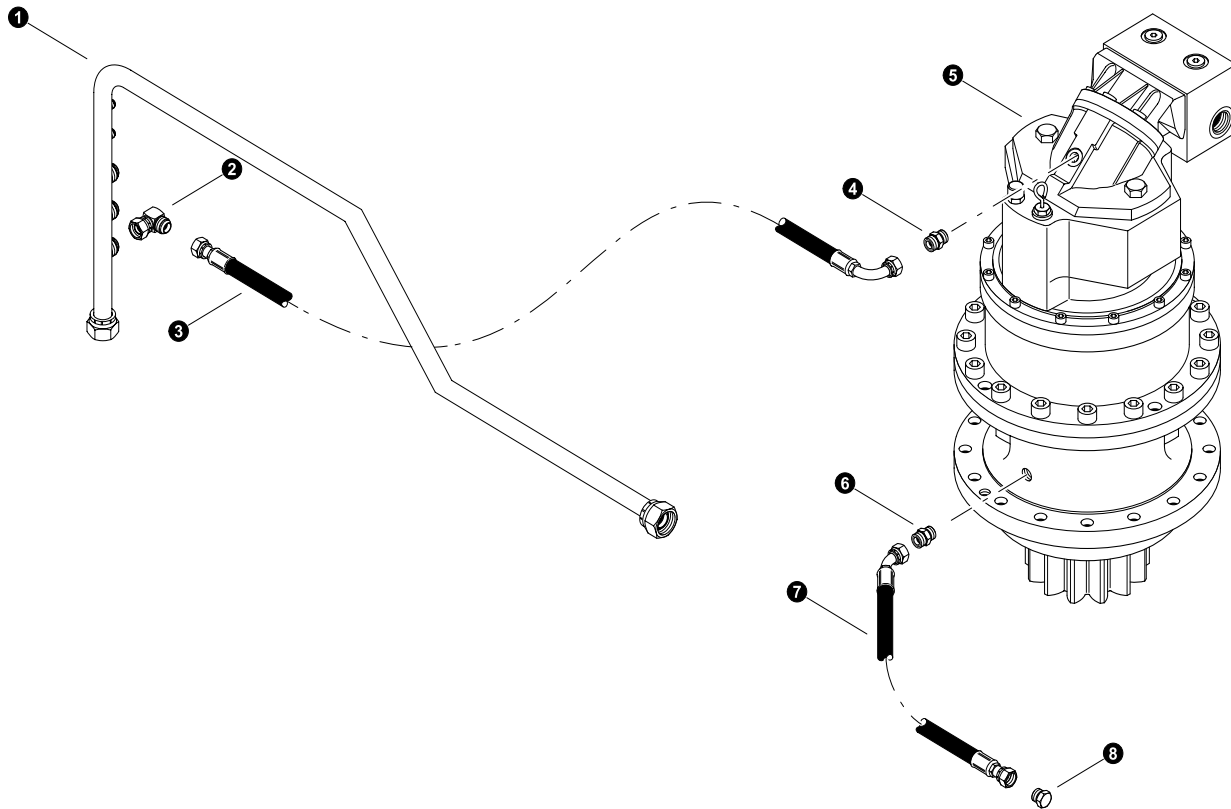


Parts T3636 08/08
25

SWING MOTOR HYDRAULICS (swing gearbox brake release)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MOTOR/GEARBOX - SWING	FH-3
2	19469-FH	1	CONNECTOR, STR METRIC - 4M12F82EDMLO-S	
3	-FH	1	HOSE ASSEMBLY - 2069-04-040S-0409 (<i>swing motor gearbox brake release port to G1 port charge valve</i>)	
4	16541-FH	1	CONNECTOR, STR - FF1852T-0404S	
5	24293-FH	1	TEE - 4-G5G5JAO-S	
6	REF.	1	 CHARGE VALVE / FILTER ASSEMBLY	DH-3

 See referenced page for component or assembly breakdown.

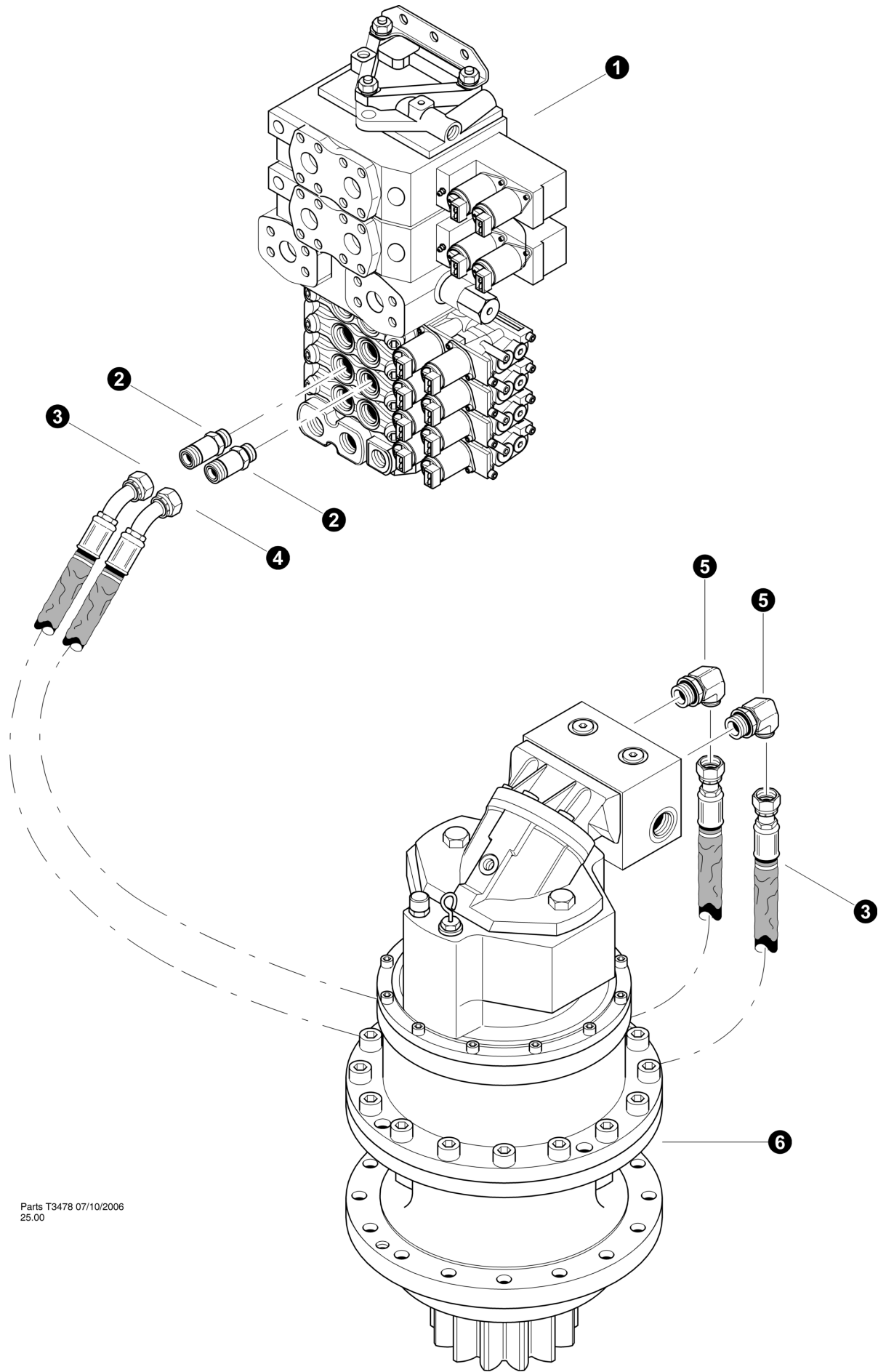


Parts T3637 08/08
25.00

SWING MOTOR HYDRAULICS (swing motor drain)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52450-FH	1	MANIFOLD, CASE DRAIN (3) #8 PORTS	
2	16360-FH	1	ELBOW, 90 - FF1868T-0808S	
3	-FH	1	HOSE ASSEMBLY - 2054-08-08JS-0809 (swing motor case drain to drain manifold tube)	
4	24182-FH	1	CONNECTOR, STR - 6002-08-8BSPP	
5	REF.	1	 MOTOR/GEARBOX - SWING	FH-3
6	24182-FH	1	CONNECTOR, STR - 6002-08-8BSPP	
7	-FH	1	HOSE ASSEMBLY - 2025-08-08OS-0804 (swing motor gearbox drain)	
8	11390-FH	1	PLUG - 2408-8	

 See referenced page for component or assembly breakdown.

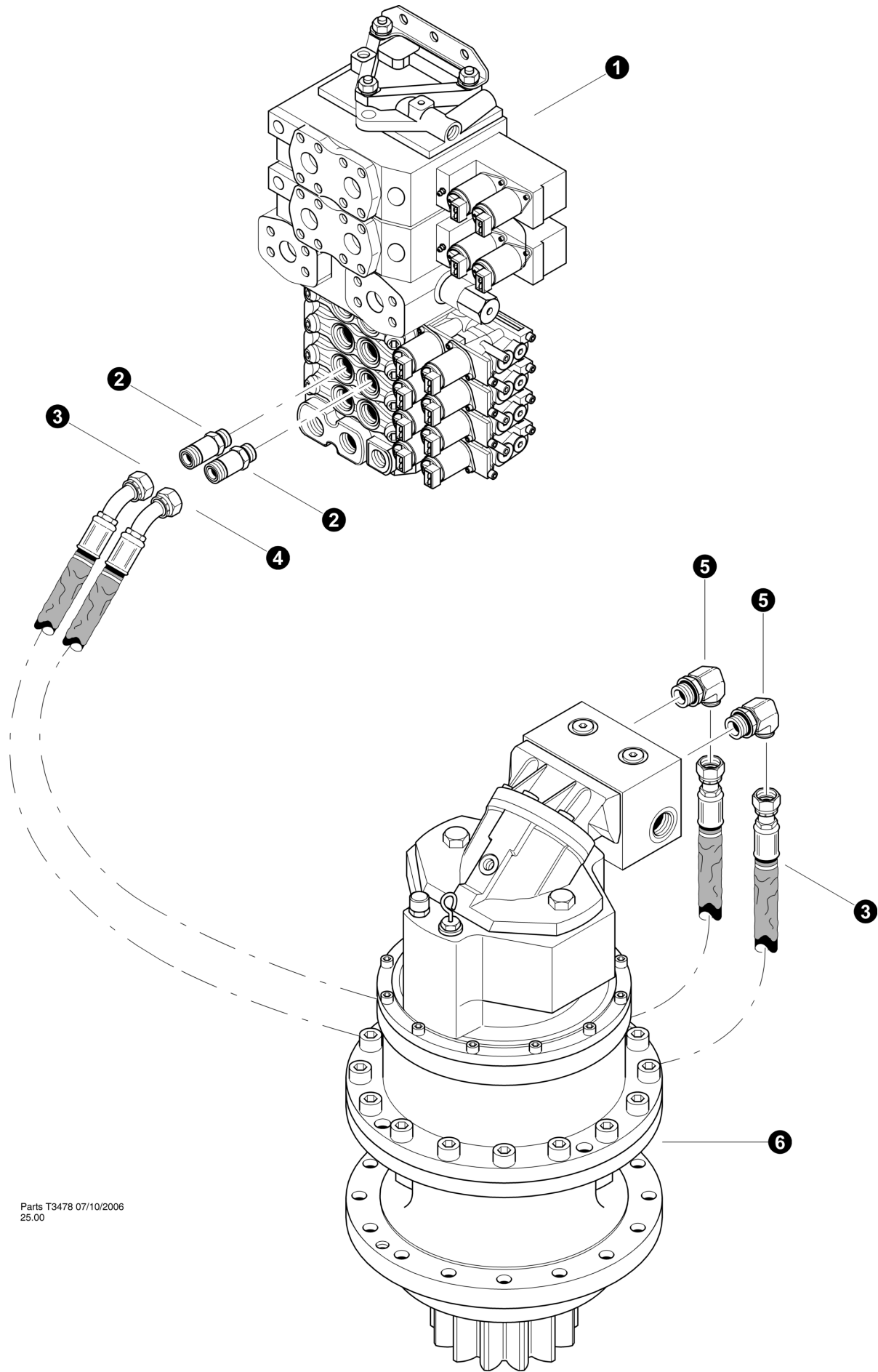


Parts T3478 07/10/2006
25.00

**SWING MOTOR HYDRAULICS
(Swing Motor to Valve Connection)
TN725B-0025-041309 and Before**



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		MAIN CONTROL VALVE.....	FH-1
2	52554-FH	2		CONNECTOR, STR LONG - 10X10	
3	-FH	1		HOSE ASSEMBLY - 4037-10-100S-1004W (<i>Swing valve section work port A to swing motor anti-cav "V1"</i>)	
4	-FH	1		HOSE ASSEMBLY - 4036-10-100S-100SW (<i>Swing valve section work port B to swing motor anti-cav "V2"</i>)	
5	50036-FH	3		ELBOW, 90 - 849-TTO-10X12	
6	REF.	1		MOTOR/GEARBOX - SWING.....	FH-3

 See referenced page for component or assembly breakdown.

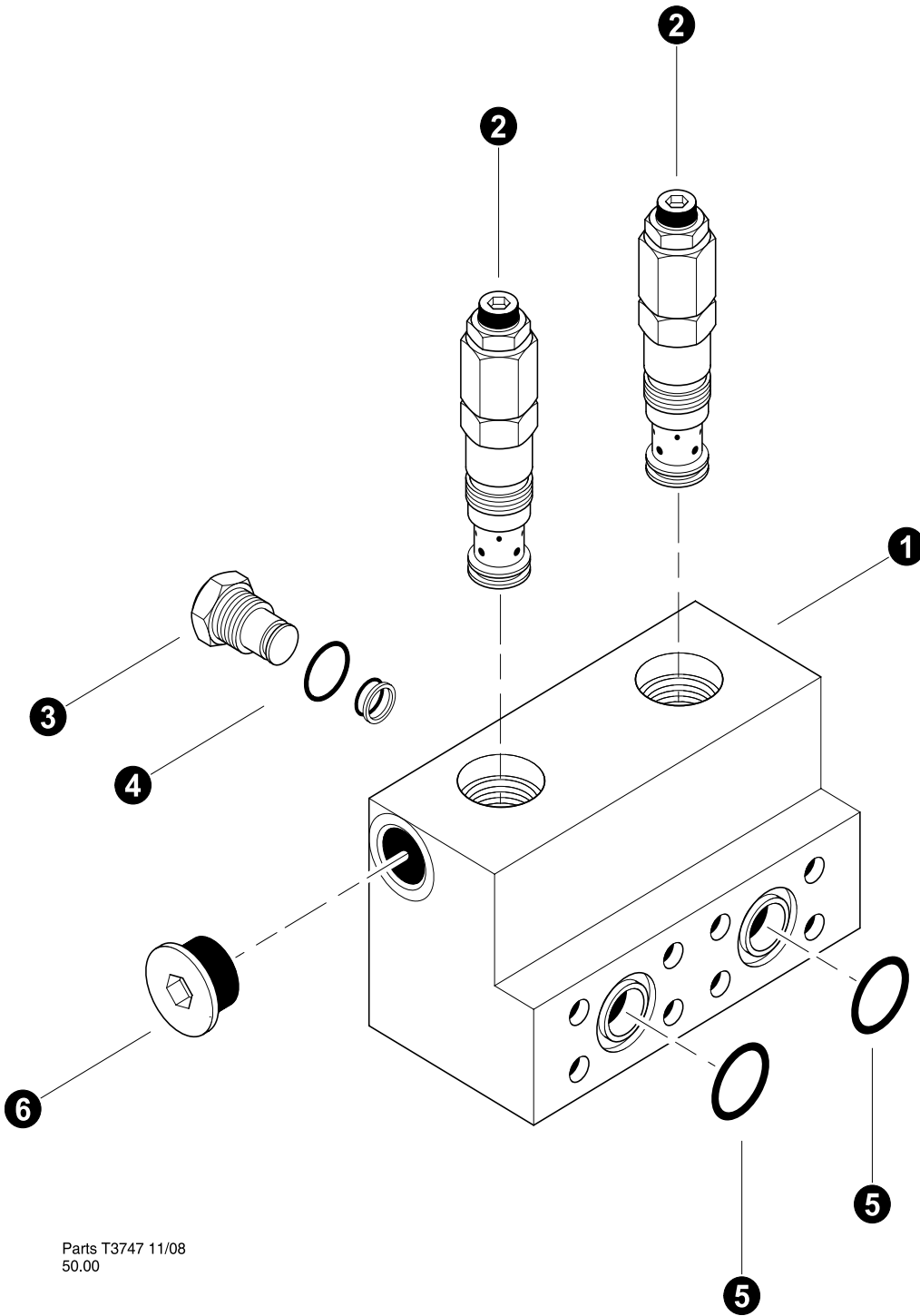


Parts T3478 07/10/2006
25.00

**SWING MOTOR HYDRAULICS
(Swing Motor to Valve Connection)
TL725B-0026-051909 and after**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	FH-1
2	52554-FH	2	CONNECTOR, STR LONG - 10X10	
3	-FH	1	HOSE ASSEMBLY - 4040-10-100S-1004W (<i>Swing valve section work port A to swing motor anti-cav "V1"</i>)	
4	-FH	1	HOSE ASSEMBLY - 4036.5-10-100S-100SW (<i>Swing valve section work port B to swing motor anti-cav "V2"</i>)	
5	50036-FH	3	ELBOW, 90 - 849-TTO-10X12	
6	REF.	1	 MOTOR/GEARBOX - SWING.....	FH-3

 See referenced page for component or assembly breakdown.



Parts T3747 11/08
50.00

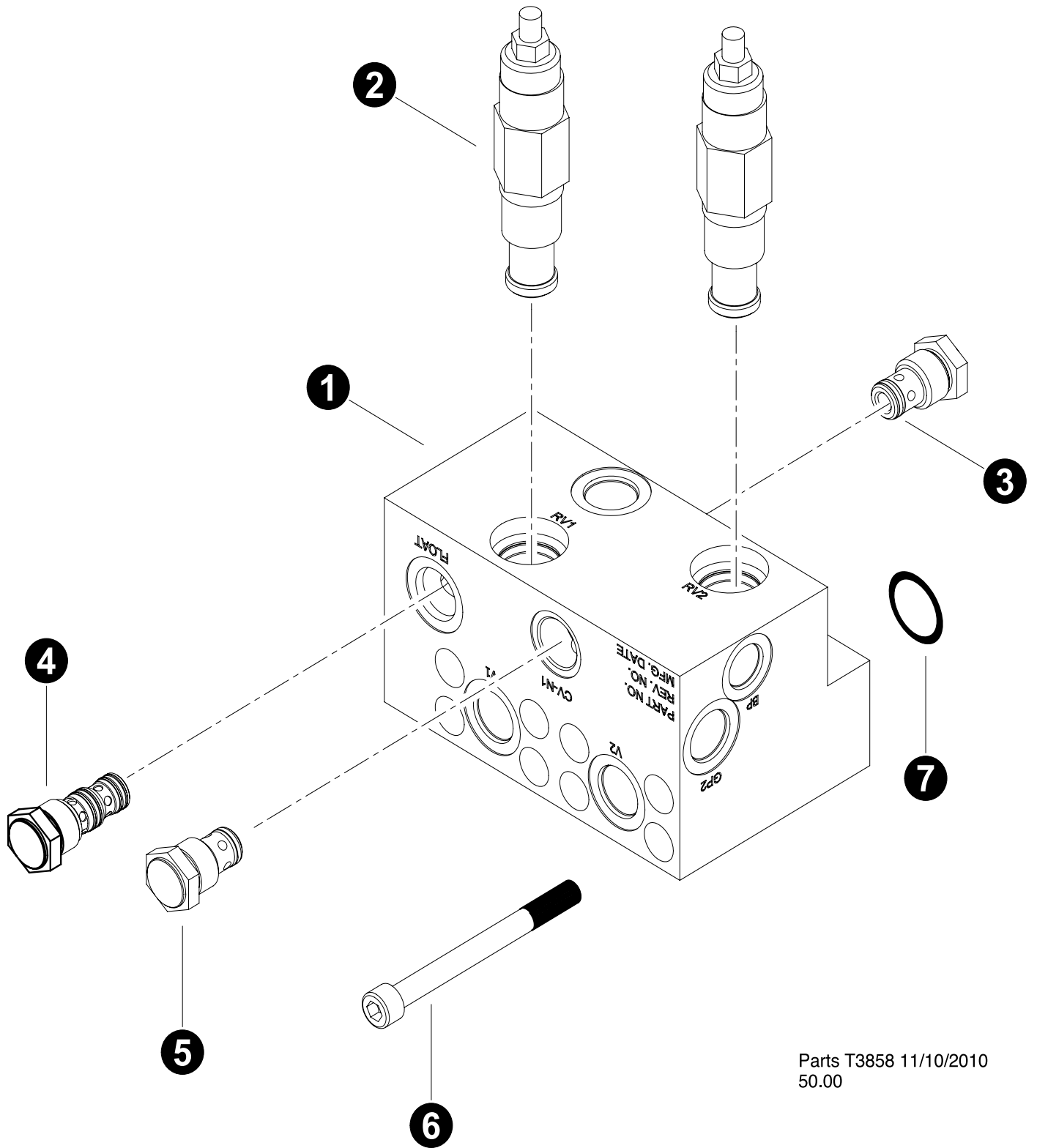
**SWING MOTOR HYDRAULICS
(anti-cavitation valve)
SN 0073 and Before**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52015-FH	1		VALVE, SWING ANTI/CAV W/FLOAT LOW MOUNT	
2	51507-FH	2		CARTRIDGE, Anti-Cav (51055-20 D03 B)	
3	53652-FH	2	<input type="checkbox"/>	PLUG, CAVITY SWING MOTOR - TRACK MACHINE	
4	-FH	1	⌘	KIT, SEAL - Cavity Plug	
5	-FH	2		O-RING - 3/4" code 62	
6	11385-FH	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.



Parts T3858 11/10/2010
50.00

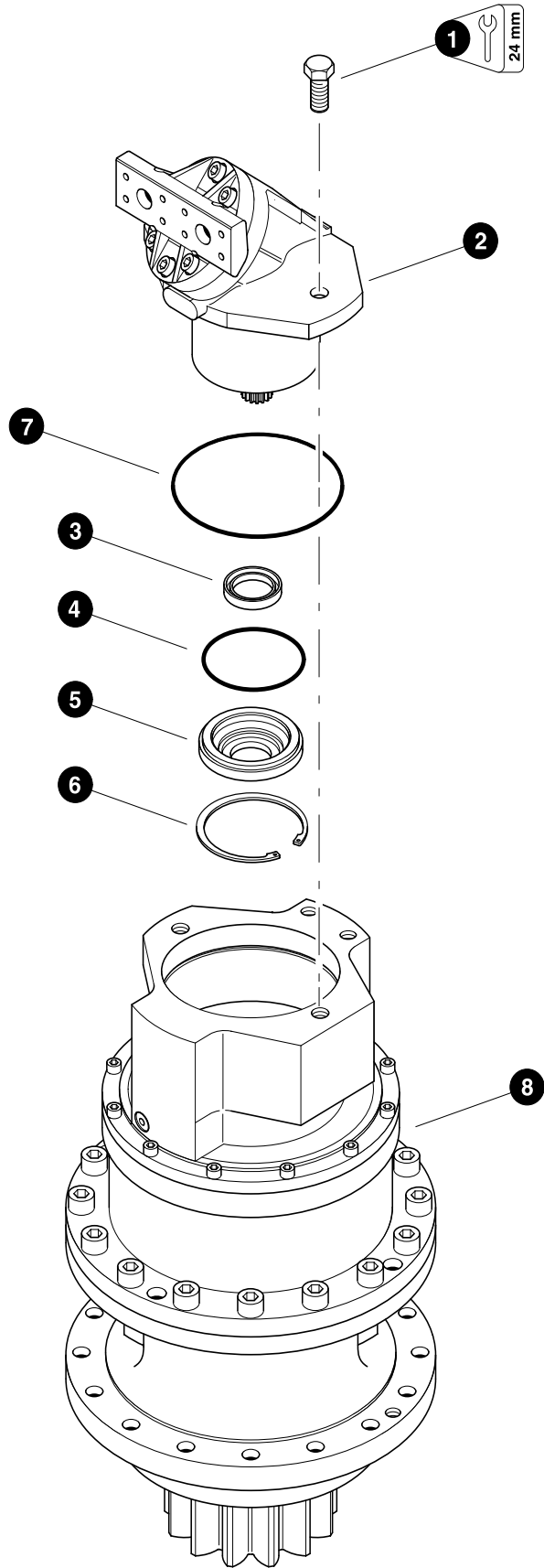
**SWING MOTOR HYDRAULICS
(anti-cavitation valve)
SN 0074 and After**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	54162-LH	1	<input type="checkbox"/>	VALVE, SWING RAMPING RELIEF ANTI/CAV	
2	-LH	2		CARTRIDGE, Anti-Cav (991-001 SUN)	
3	-LH	1		CARTRIDGE, Check Valve - (CV1-10-P-0-5)	
4	-LH	1		PLUG, Cavity - (P10-2)	
5	-LH	1		CARTRIDGE, Check Valve - (CV1-10-P-0-5)	
6	-LH	8		BOLT, Allen M10-1.5 X 110MM	
7	-LH	2		O-RING - 3/4" code 62	

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)

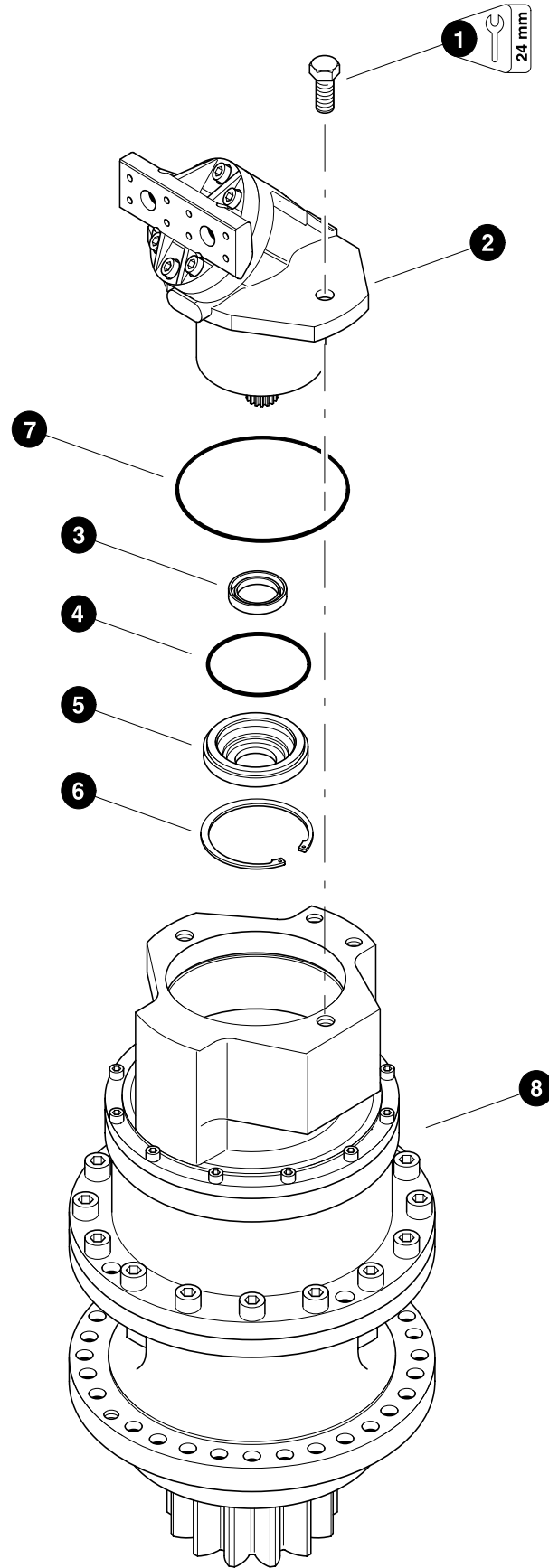
(Machine 0327-123109 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	20070-FH	1	<input type="checkbox"/> MOTOR/GEARBOX, swing - Lohmann Gearbox & 45cc motor	
1	20661-FH	1	BOLT - 16mm-2.0P x 35mm	
2	17312-FH	1	<input type="checkbox"/> MOTOR, hydraulic - Rexroth A2FE45 cc	
	17238-FH	1	<input type="checkbox"/> MOTOR, hydraulic - Rexroth A2FE56 cc (Optional)	
3	21576-FH	1	SEAL, shaft - 45cc	
	51638-FH	1	SEAL, shaft - 56cc	
4	21577-FH	1	O-RING, front cover - 45cc	
	51639-FH	1	O-RING, front cover - 56cc	
5	21578-FH	1	COVER, front	
6	21579-FH	1	RING, seal retaining	
7	21580-FH	1	O-RING, motor pilot	
8	22694-FH	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.



SWING MOTOR HYDRAULICS (swing motor installation)

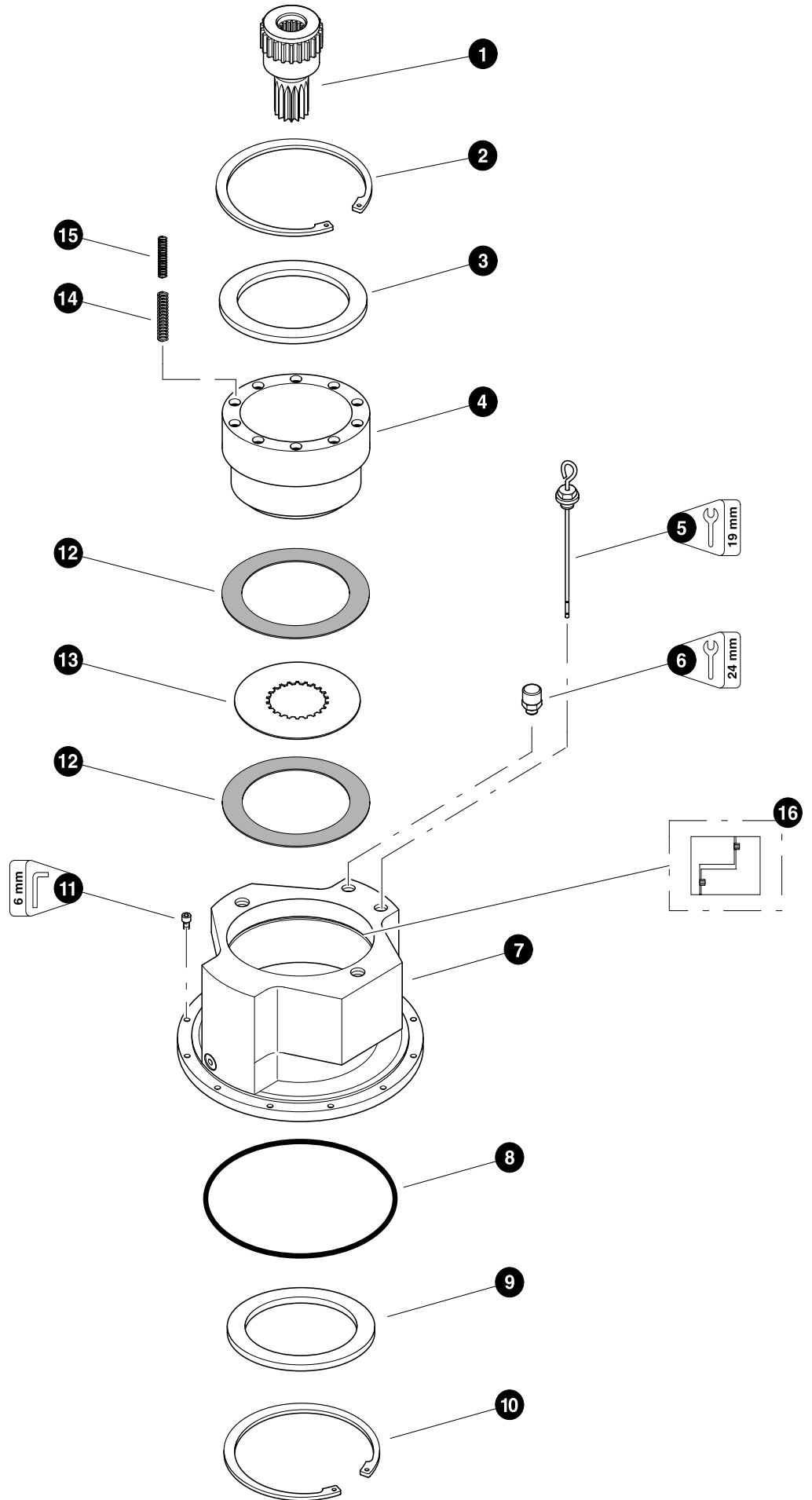
(Machine 0328-021010 and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	52745-LH	1	<input type="checkbox"/> MOTOR, SWING - ECCENTRIC L&S W/56 MOTOR	
1	20661-LH	1	BOLT - 16mm-2.0P x 35mm	
2	17238-LH	1	<input type="checkbox"/> MOTOR, hydraulic - Rexroth A2FE56 cc	
3	21576-LH	1	SEAL, shaft - 45cc	
	51638-LH	1	SEAL, shaft - 56cc	
4	21577-LH	1	O-RING, front cover - 45cc	
	51639-LH	1	O-RING, front cover - 56cc	
5	21578-LH	1	COVER, front	
6	21579-LH	1	RING, seal retaining	
7	21580-LH	1	O-RING, motor pilot	
8	-LH	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-FH	1		GEARBOX - Lohmann (Machine 0327-123109 and before)	
-	-FH	1		GEARBOX - Lohmann (Machine 0328-021010 and after)	
1	21565-FH	1		SHAFT, brake	
2	21566-FH	1		RING, snap - upper brake	
3	21567-FH	1		PLATE, back-up - upper brake	
4	21568-FH	1		PISTON, brake	
5	21569-FH	1	☐	DIPSTICK	
	21571-FH	1		RING, seal	
6	21570-FH	1	☐	BREATHER	
	21571-FH	1		RING, seal	
7	NSS	1		HOUSING, brake	
8	21572-FH	1		O-RING, brake housing	
9	21573-FH	1		PLATE, back-up - lower brake	
10	21574-FH	1		RING, snap - lower brake	
11	21575-FH	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	
--	21418-FH	1		KIT, repair - brake disc	

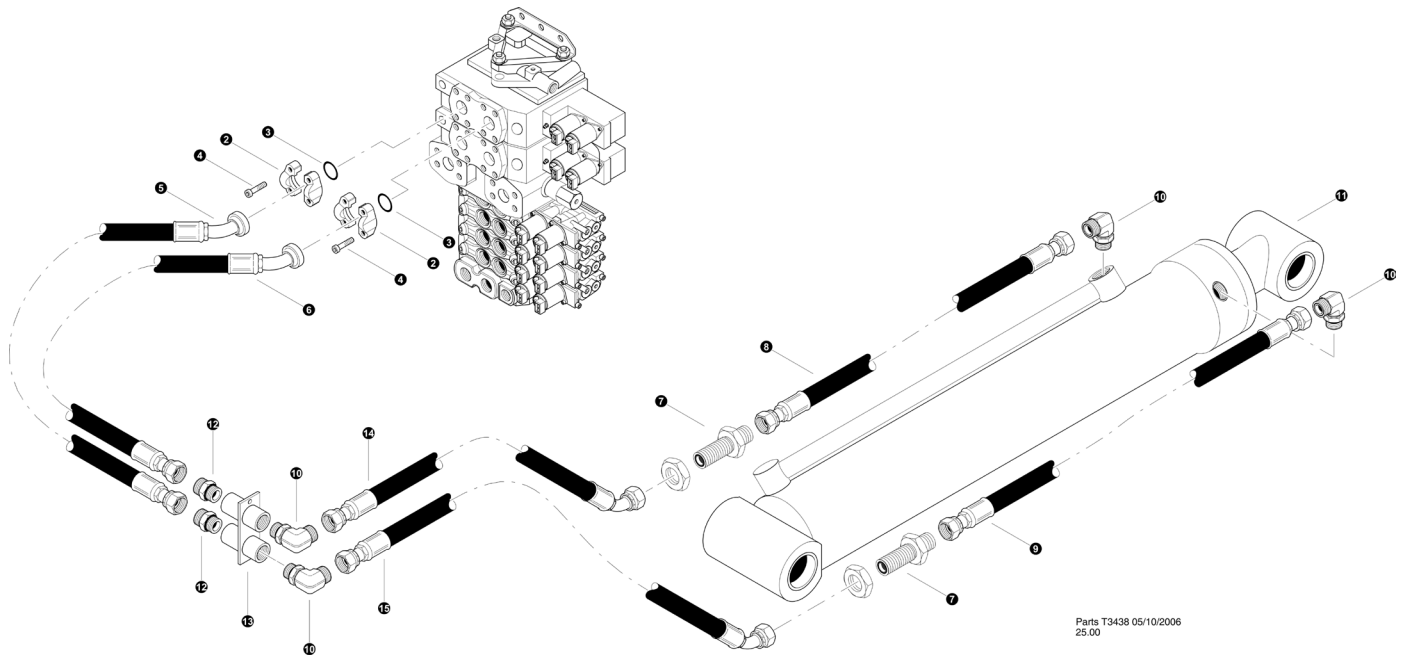
- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in disc brake kit PN# 20788-UP.

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 FH-4

Feller Buncher Hydraulics - Implement Connections - Common

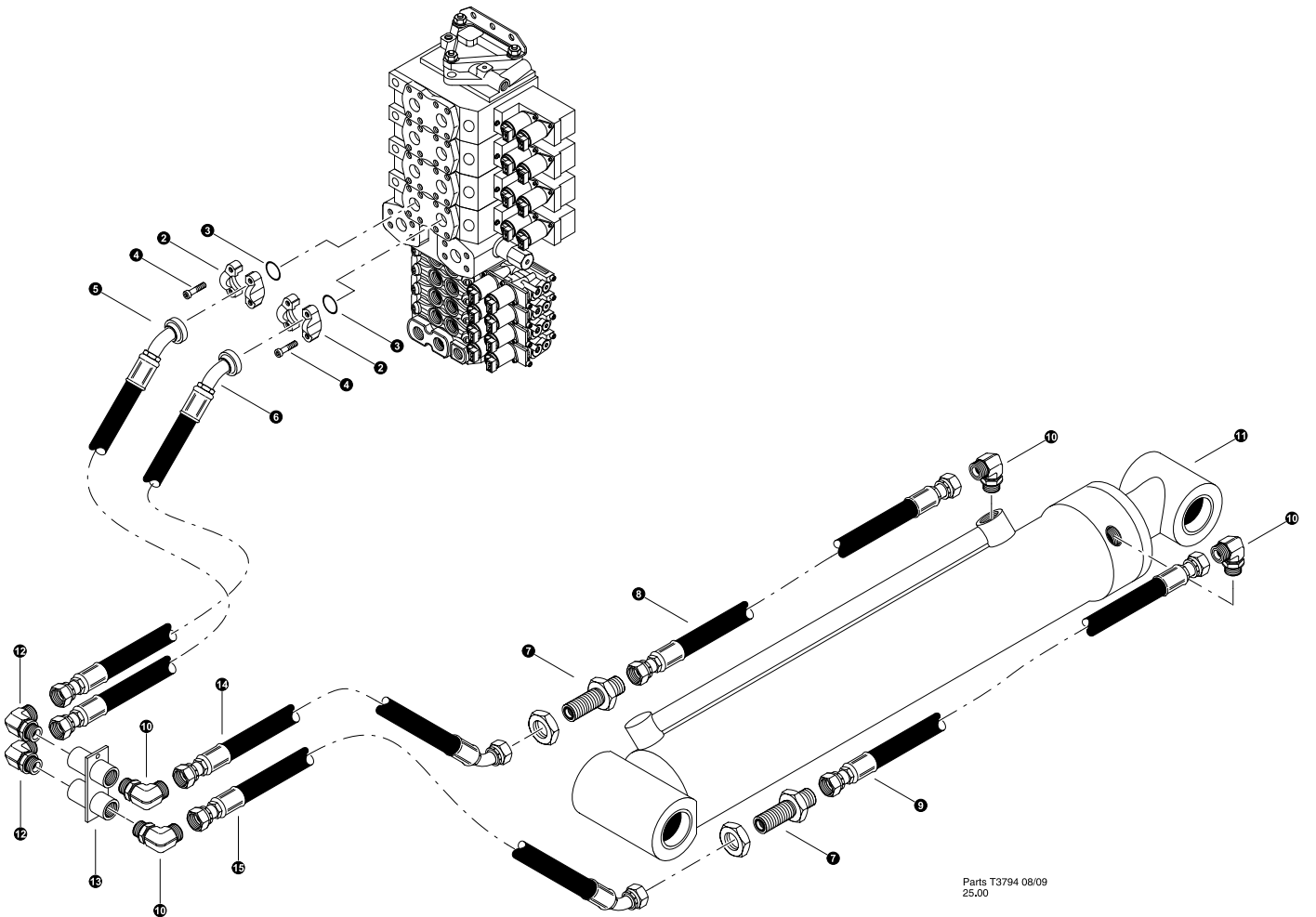


MAIN BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom (Hoist) Cylinder)

TN725B-0025-041309 and Before




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4031-16-160S-16PA4 (Main boom valve work port "B" to main boom cylinder bulkhead)	
6	-FH	1	HOSE ASSEMBLY - 4029.5-16-160S-16PA4 (Main boom valve work port "A" to main boom cylinder bulkhead)	
7	20033-FH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
8	-FH	1	HOSE ASSEMBLY - 4066-16-160S-160S (main boom bulkhead to main boom cylinder base port)	
9	50864-FH	1	HOSE ASSEMBLY - 4057.5-16-160S-160S (main boom bulkhead to main boom cylinder rod port)	
10	15228-FH	2	ELBOW, 90 - FF1868T-1616S	
11	REF.	1	 MAIN BOOM (HOIST) CYLINDER	FB-3
12	15525-FH	1	CONNECTOR, STR - FF1852T-1616S	
13	-FH	1	BULKHEAD, UPPER MAIN CYL	
14	-FH	1	HOSE ASSEMBLY - 4039-16-160S-1604 (main boom base bulkhead to bulkhead bracket "a" port)	
15	-FH	1	HOSE ASSEMBLY - 4033.5-16-160S-1604 (main boom rod bulkhead to bulk- head head bracket "b" port)	

 See referenced page for component or assembly breakdown.

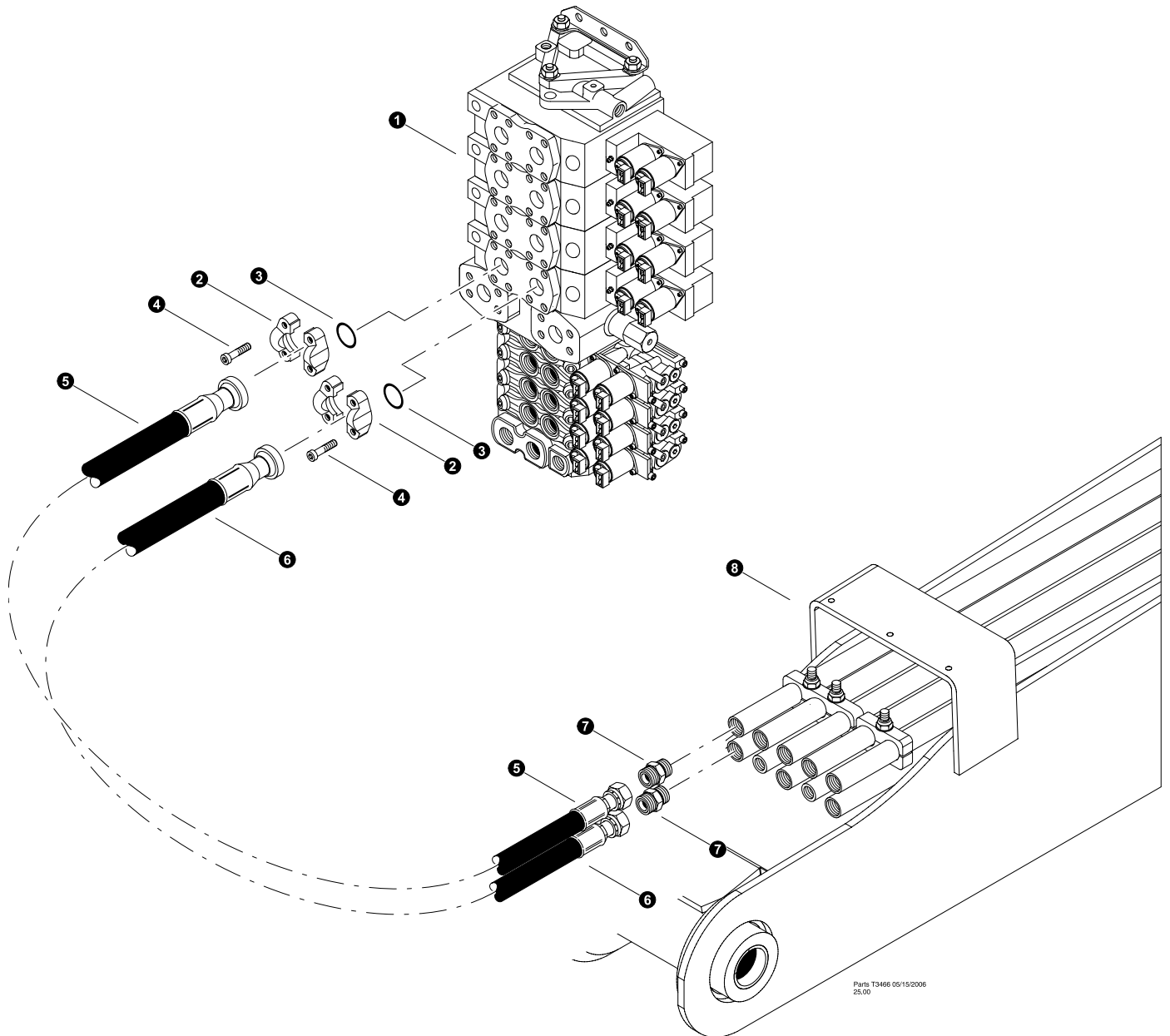


MAIN BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom (Hoist) Cylinder)

TL725B-0026-051909 and after




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4020-16-160S-16PA4 (Main boom valve work port "B" to main boom cylinder bulkhead)	
6	-FH	1	HOSE ASSEMBLY - 4019-16-160S-16PA4 (Main boom valve work port "A" to main boom cylinder bulkhead)	
7	20033-FH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
8	-FH	1	HOSE ASSEMBLY - 4066-16-160S-160S (main boom bulkhead to main boom cylinder base port)	
9	50864-FH	1	HOSE ASSEMBLY - 4057.5-16-160S-160S (main boom bulkhead to main boom cylinder rod port)	
10	15228-FH	2	ELBOW, 90 - FF1868T-1616S	
11	REF.	1	 MAIN BOOM (HOIST) CYLINDER	FB-3
12	15525-FH	1	CONNECTOR, STR - FF1852T-1616S	
13	-FH	1	BULKHEAD, UPPER MAIN CYL	
14	-FH	1	HOSE ASSEMBLY - 4039-16-160S-1604 (main boom base bulkhead to bulkhead bracket "a" port)	
15	-FH	1	HOSE ASSEMBLY - 4033.5-16-160S-1604 (main boom rod bulkhead to bulkhead "b" port)	

 See referenced page for component or assembly breakdown.

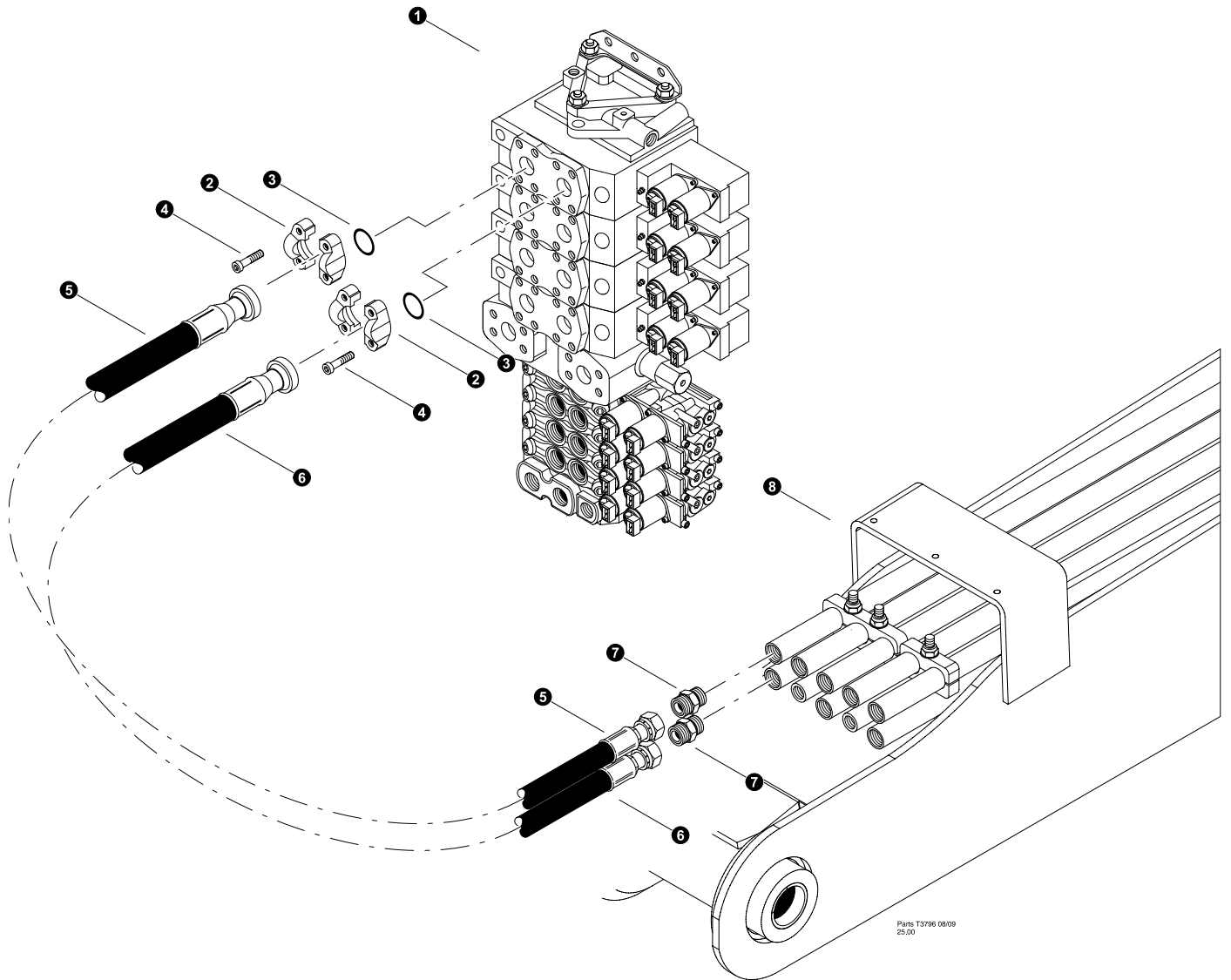


STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (<i>Code 61</i>)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4050-16-160S-16PA (<i>Stick boom valve work port "B" to main boom tube line rod side</i>)	
6	-FH	1	HOSE ASSEMBLY - 4045.5-16-160S-16PA (<i>Stick boom valve work port "A" to main boom tube line base side</i>)	
7	15225-FH	6	CONNECTOR, STR - FF1852T-1616S	
8	REF.	1	 MAIN BOOM ASSEMBLY.....	FB-1




 See referenced page for component or assembly breakdown.



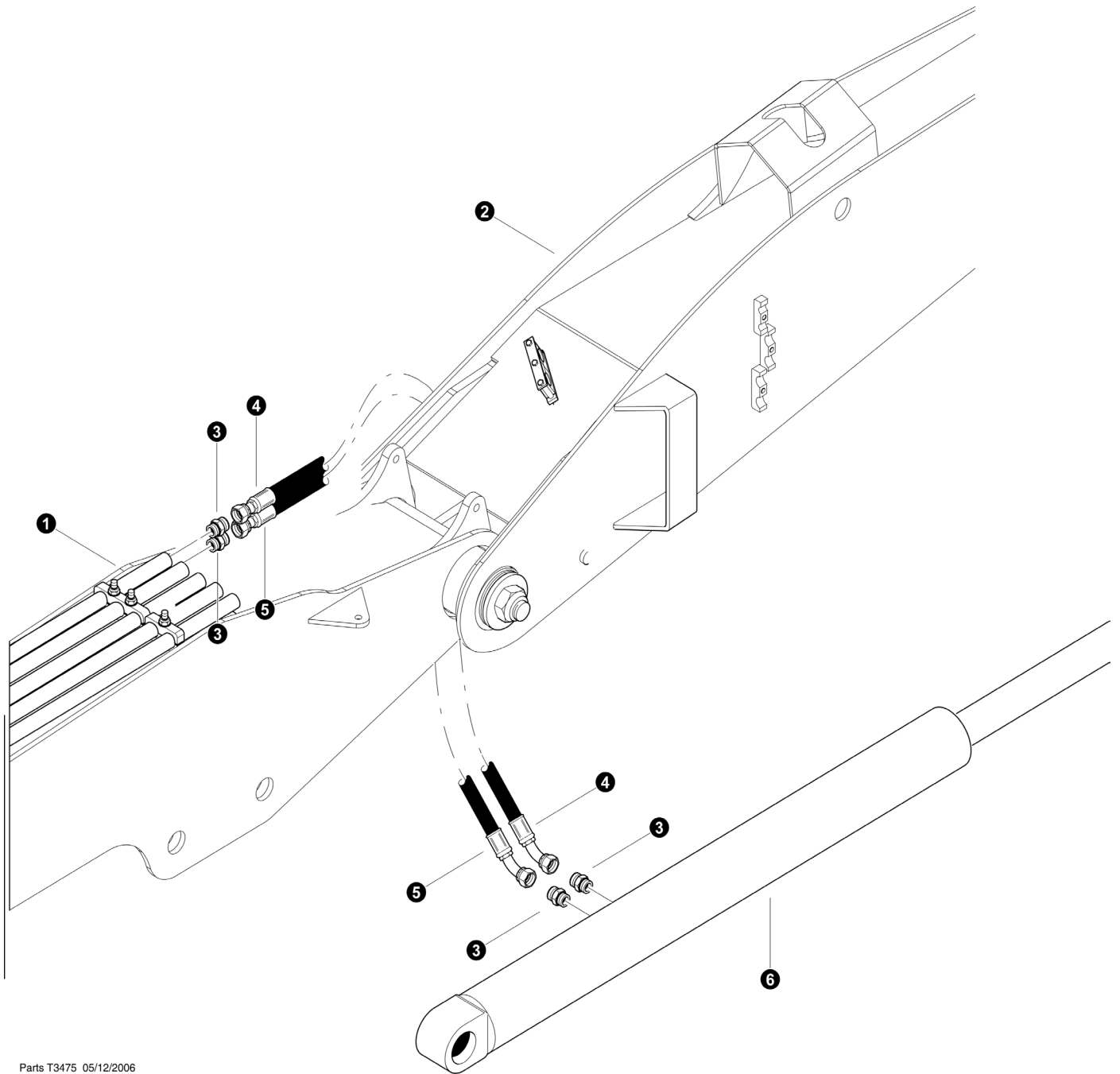
Parts T3796 08/09
25.00

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

TL725B-0026-051909 and after




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (<i>Code 61</i>)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4059-16-160S-16PA (<i>Stick boom valve work port "B" to main boom tube line rod side</i>)	
6	-FH	1	HOSE ASSEMBLY - 4057-16-160S-16PA (<i>Stick boom valve work port "A" to main boom tube line base side</i>)	
7	15225-FH	6	CONNECTOR, STR - FF1852T-1616S	
8	REF.	1	 MAIN BOOM ASSEMBLY	FB-1


 See referenced page for component or assembly breakdown.

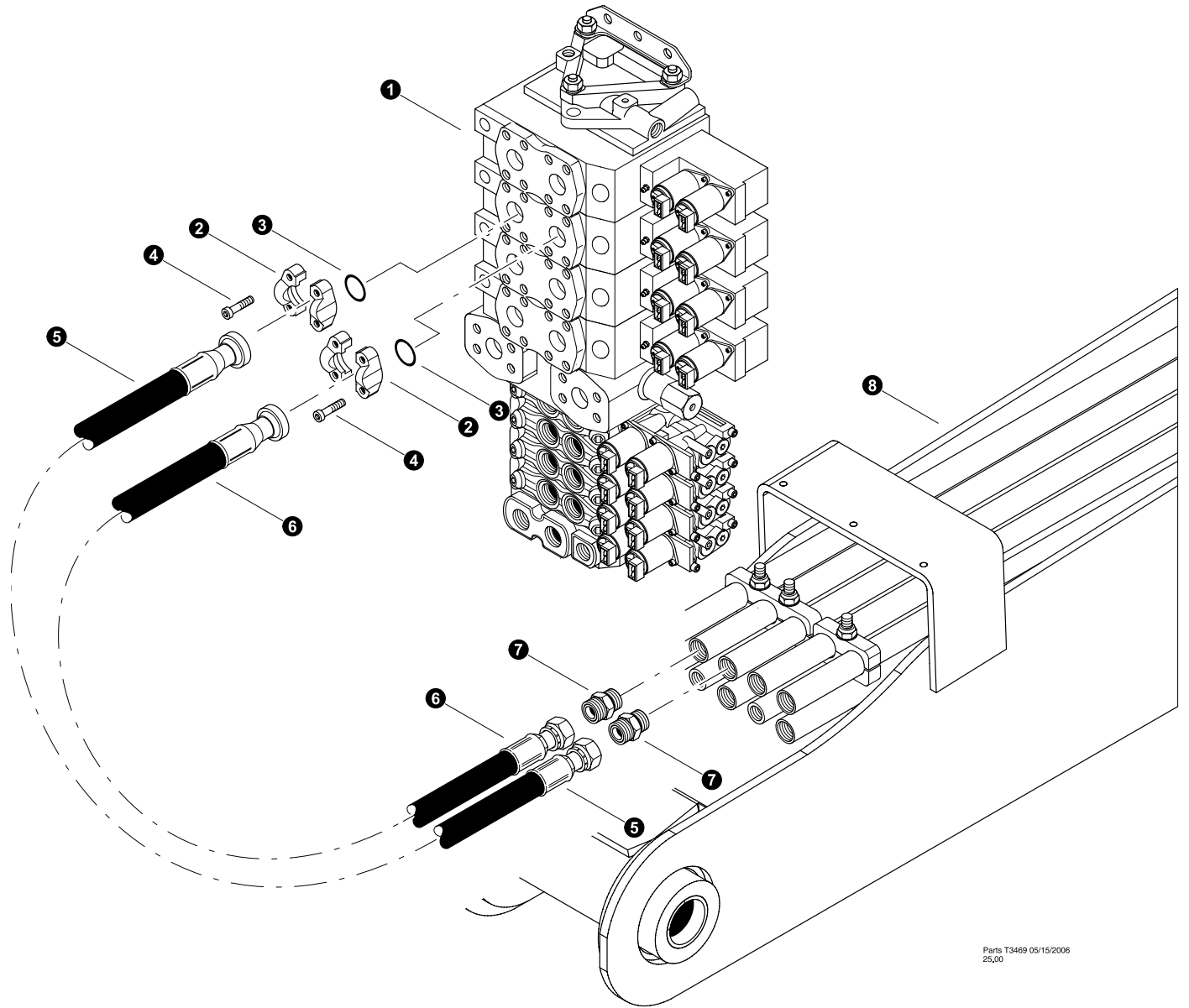


Parts T3475 05/12/2006
12.5

STICK BOOM CYLINDER FUNCTION (Main Boom To Stick Boom Cylinder)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 STICK BOOM CYLINDER.....	FB-3
2	REF.	1	 MAIN BOOM ASSEMBLY.....	FB-1
3	15225-FH	6	CONNECTOR, STR - FF1852T-1616S	
4	-FH	1	HOSE ASSEMBLY - 4084-16-160S-16O4 (<i>Main Boom to Stick Cylinder Rod</i>)	
5	-FH	1	HOSE ASSEMBLY - 4081-16-160S-16O4 (<i>Main Boom to Stick Cylinder Base</i>)	
6	REF.	1	 STICK CYLINDER.....	FB-3


 See referenced page for component or assembly breakdown.

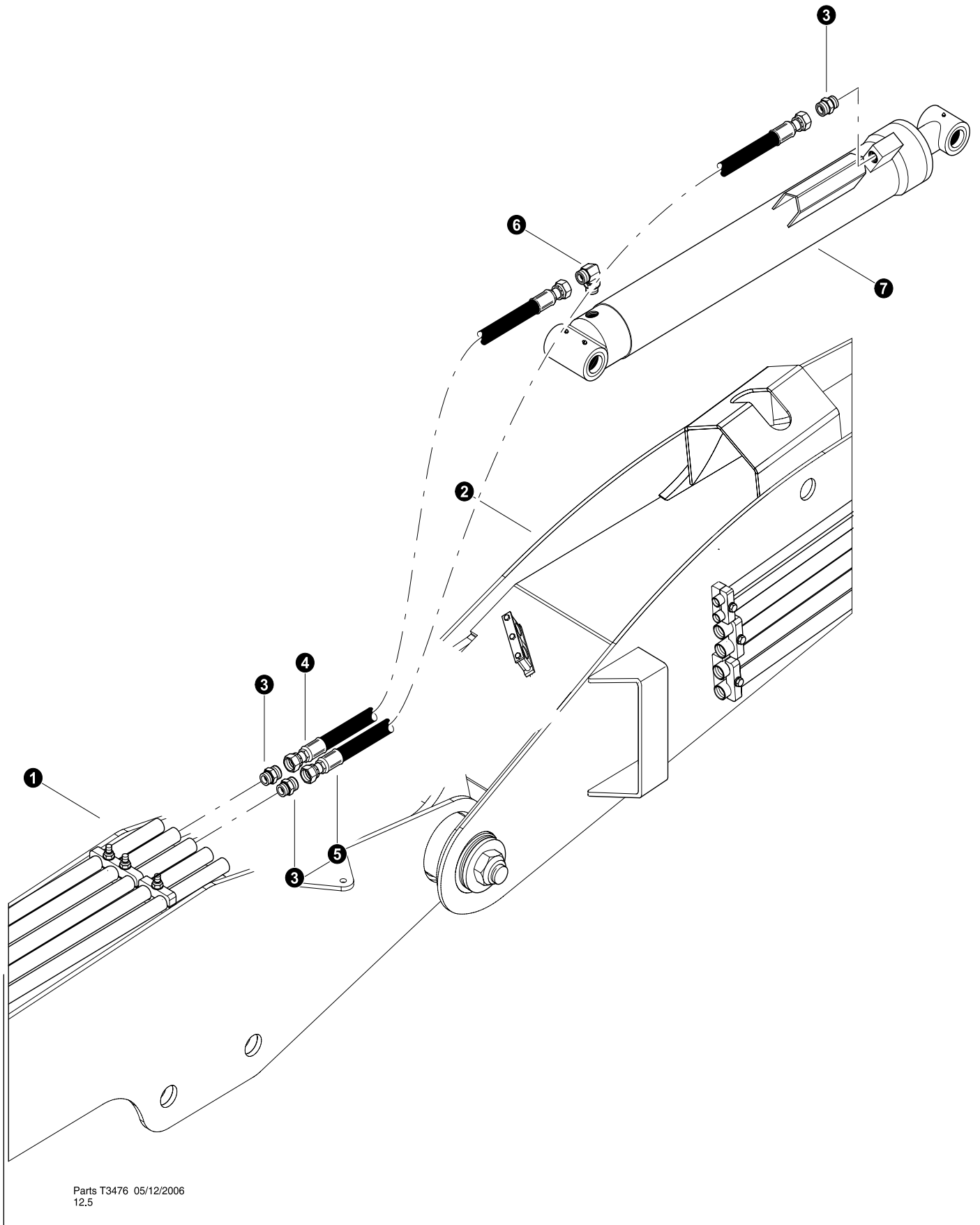


Parts T3469 05/15/2006
25,00

TOOL CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE.....	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (<i>Code 61</i>)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4053-16-160S-16PA (<i>Tool Cyl valve work port "B" to main boom tube line base side</i>)	
6	-FH	1	HOSE ASSEMBLY - 4051-16-160S-16PA (<i>Tool Cyl valve work port "A" to main boom tube line rod side</i>)	
7	15225-FH	6	CONNECTOR, STR - FF1852T-1616S	
8	REF.	1	 MAIN BOOM ASSEMBLY.....	FB-1

 See referenced page for component or assembly breakdown.

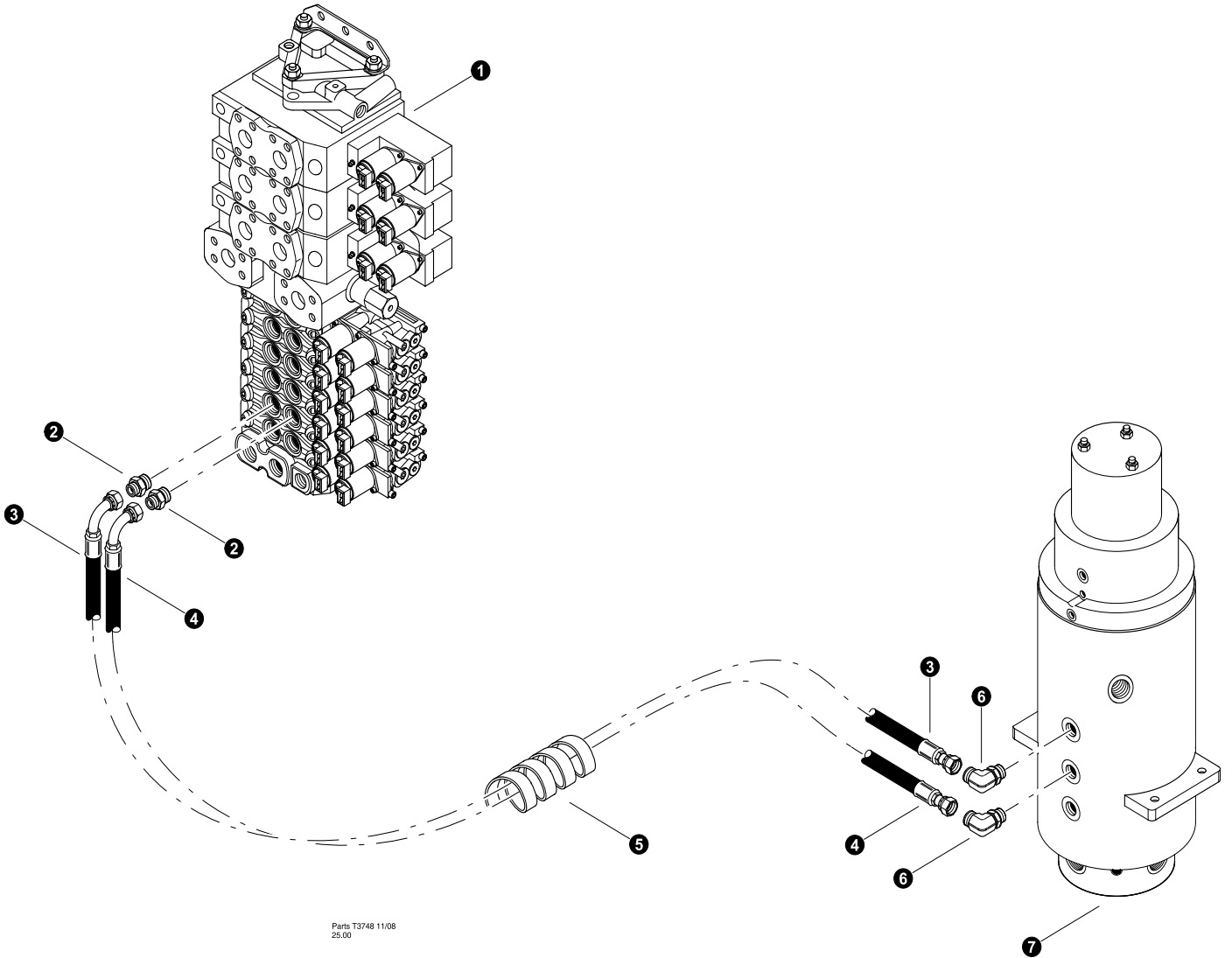


Parts T3476 05/12/2006
12.5



TOOL CYLINDER FUNCTION (Main Boom To Tool Cylinder)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-1
3	15225-FH	3	CONNECTOR, STR - FF1852T-1616S	
4	-FH	1	HOSE ASSEMBLY - 4108-16-160S-160S (<i>Main Boom to Tool Cylinder Rod</i>)	
5	-FH	1	HOSE ASSEMBLY - 4154-16-160S-160S (<i>Main Boom to Tool Cylinder Base</i>)	
6	15228-FH	1	ELBOW, 90 - FF1868T-1616S	
7	REF.	1	 TOOL CYLINDER	FB-3

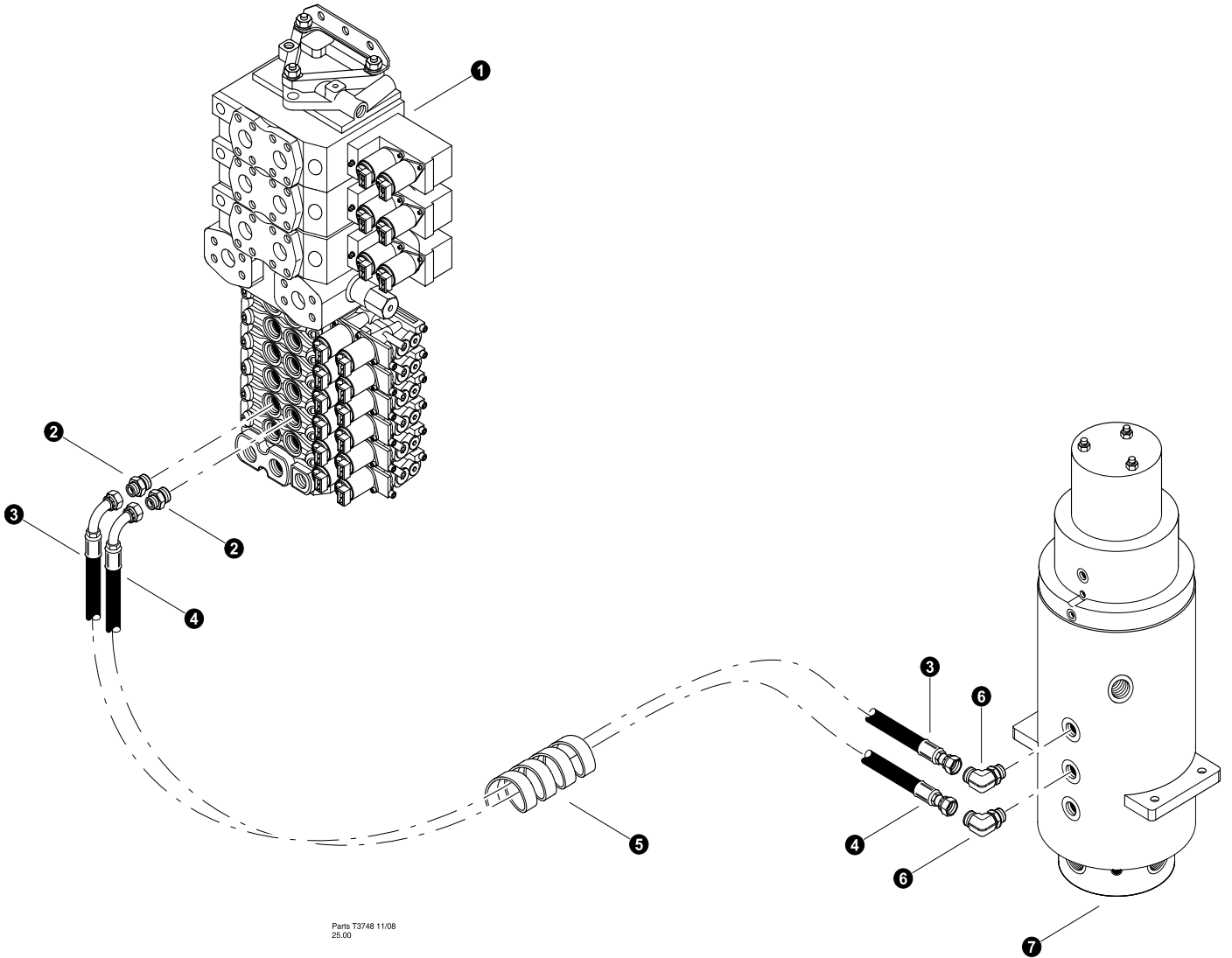
 See referenced page for component or assembly breakdown.





CAB LEVELING FUNCTION - OPTIONAL
(Main Control Valve To Rotary Manifold)
Left Cylinder
TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FH	1	HOSE ASSEMBLY - 4041-08-080S-080S (<i>Cab Level section "A" to Rotary Manifold Port 6</i>)	
4	-FH	1	HOSE ASSEMBLY - 4035-08-080S-080S (<i>Cab Level section "B" to Rotary Manifold Port 4</i>)	
5	19677-FH	6 ft	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)	
6	16360-FH	2	ELBOW, 90 - FF1868T-0808S	
7	REF.	1	 ROTORY MANIFOLD ASSEMBLY	UP-1

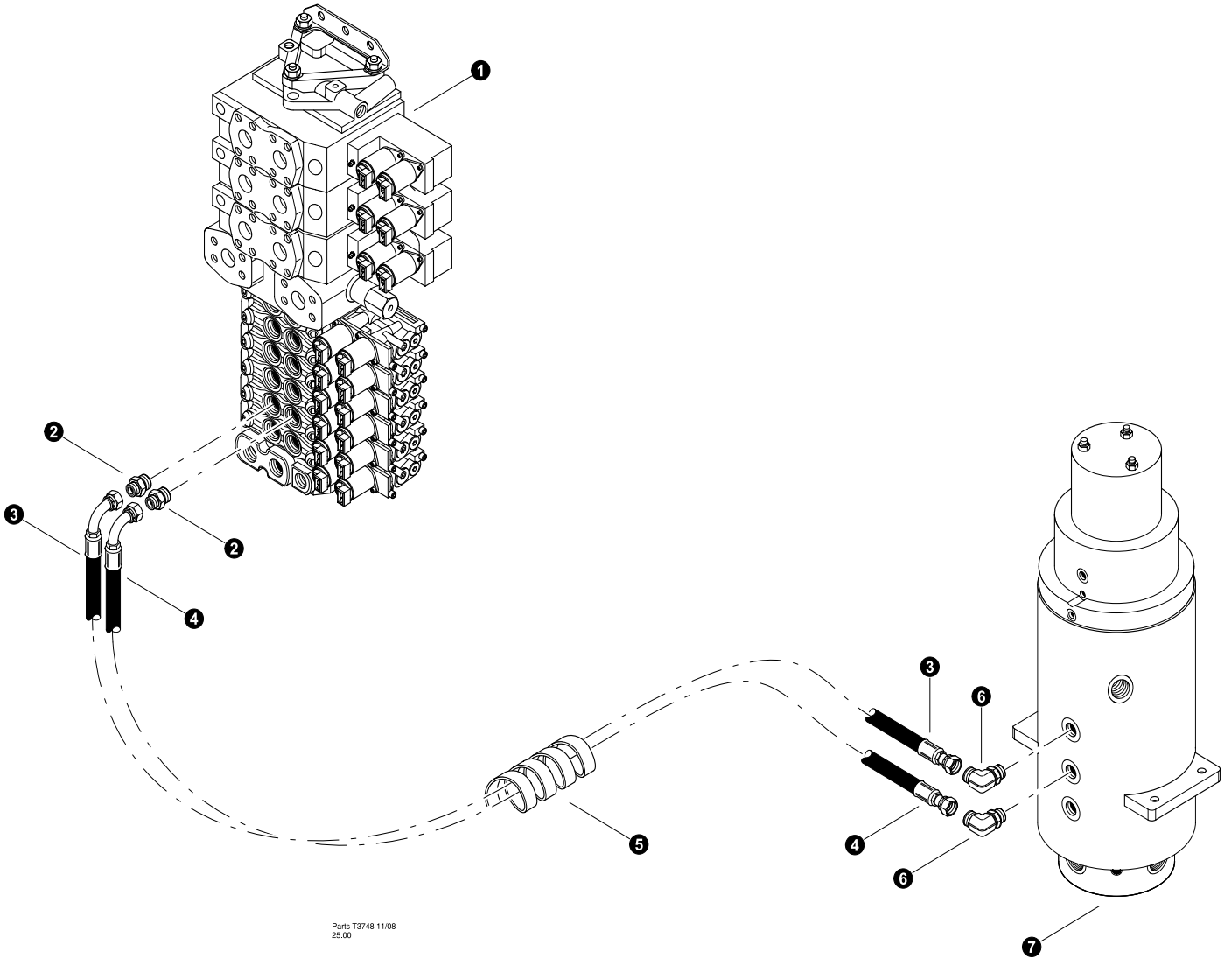
 See referenced page for component or assembly breakdown.





CAB LEVELING FUNCTION - OPTIONAL
(Main Control Valve To Rotary Manifold)
Left Cylinder
TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FH	1	HOSE ASSEMBLY - 4029.5-08-080S-080S (<i>Cab Level section "A" to Rotary Manifold Port 6</i>)	
4	-FH	1	HOSE ASSEMBLY - 4025-08-080S-080S (<i>Cab Level section "B" to Rotary Manifold Port 4</i>)	
5	19677-FH	6 ft	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)	
6	16360-FH	2	ELBOW, 90 - FF1868T-0808S	
7	REF.	1	 ROTORY MANIFOLD ASSEMBLY	UP-1

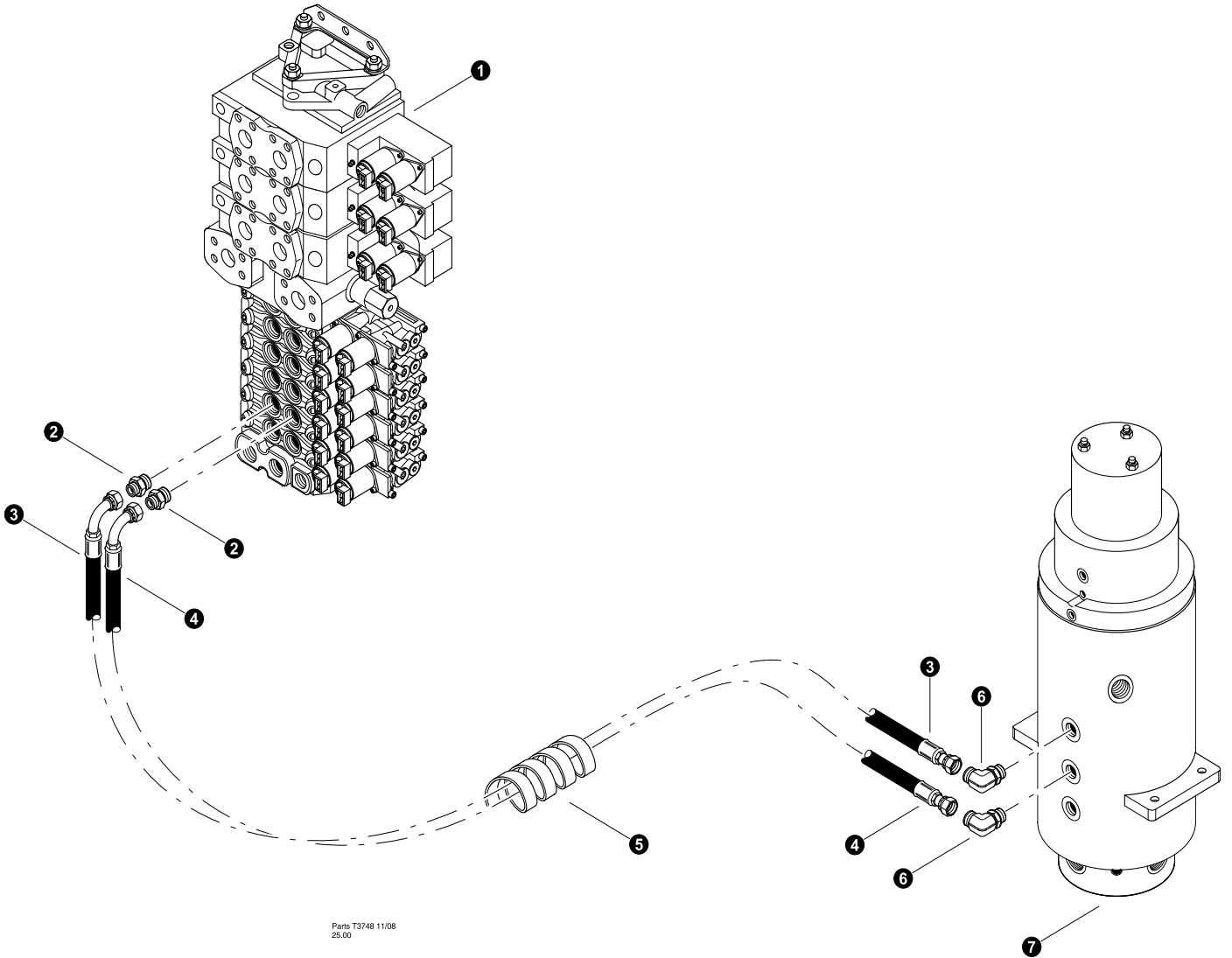
 See referenced page for component or assembly breakdown.





CAB LEVELING FUNCTION - OPTIONAL
(Main Control Valve To Rotary Manifold)
Right Cylinder
TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FH	1	HOSE ASSEMBLY - 4037-08-080S-080S (<i>Cab Level section "A" to Rotary Manifold Port 2</i>)	
4	-FH	1	HOSE ASSEMBLY - 4038-08-080S-080S (<i>Cab Level section "B" to Rotary Manifold Port 5</i>)	
5	19677-FH	6 ft	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)	
6	16360-FH	2	ELBOW, 90 - FF1868T-0808S	
7	REF.	1	 ROTORY MANIFOLD ASSEMBLY	UP-1

 See referenced page for component or assembly breakdown.



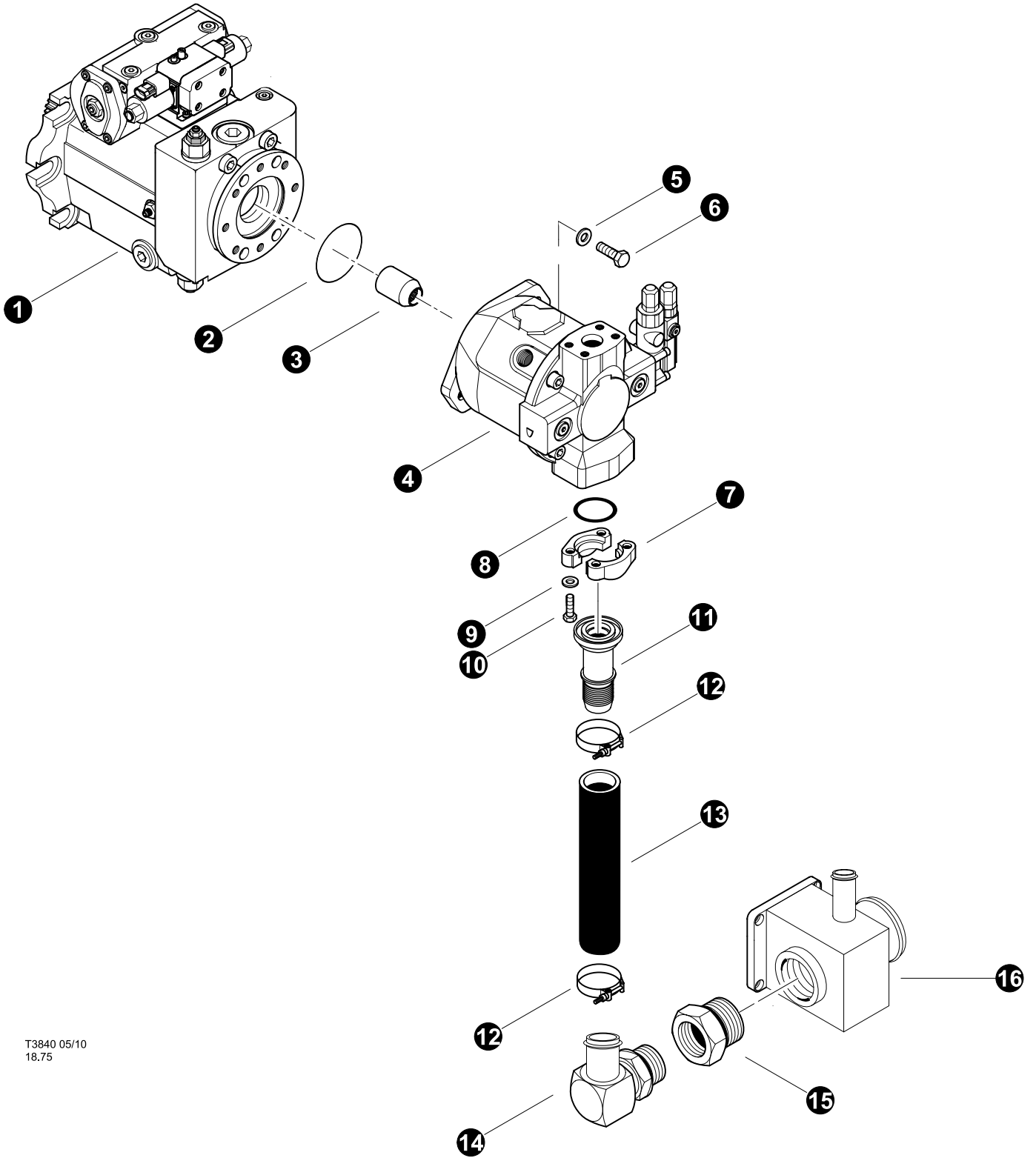
CAB LEVELING FUNCTION - OPTIONAL
(Main Control Valve To Rotary Manifold)
Right Cylinder
TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FH	1	HOSE ASSEMBLY - 4029-08-080S-080S (<i>Cab Level section "A" to Rotary Manifold Port 2</i>)	
4	-FH	1	HOSE ASSEMBLY - 4026-08-080S-080S (<i>Cab Level section "B" to Rotary Manifold Port 5</i>)	
5	19677-FH	6 ft	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)	
6	16360-FH	2	ELBOW, 90 - FF1868T-0808S	
7	REF.	1	 ROTORY MANIFOLD ASSEMBLY	UP-1

 See referenced page for component or assembly breakdown.





Section FH-5



Feller Buncher Hydraulics - Implement Function Connections - Disc Saw

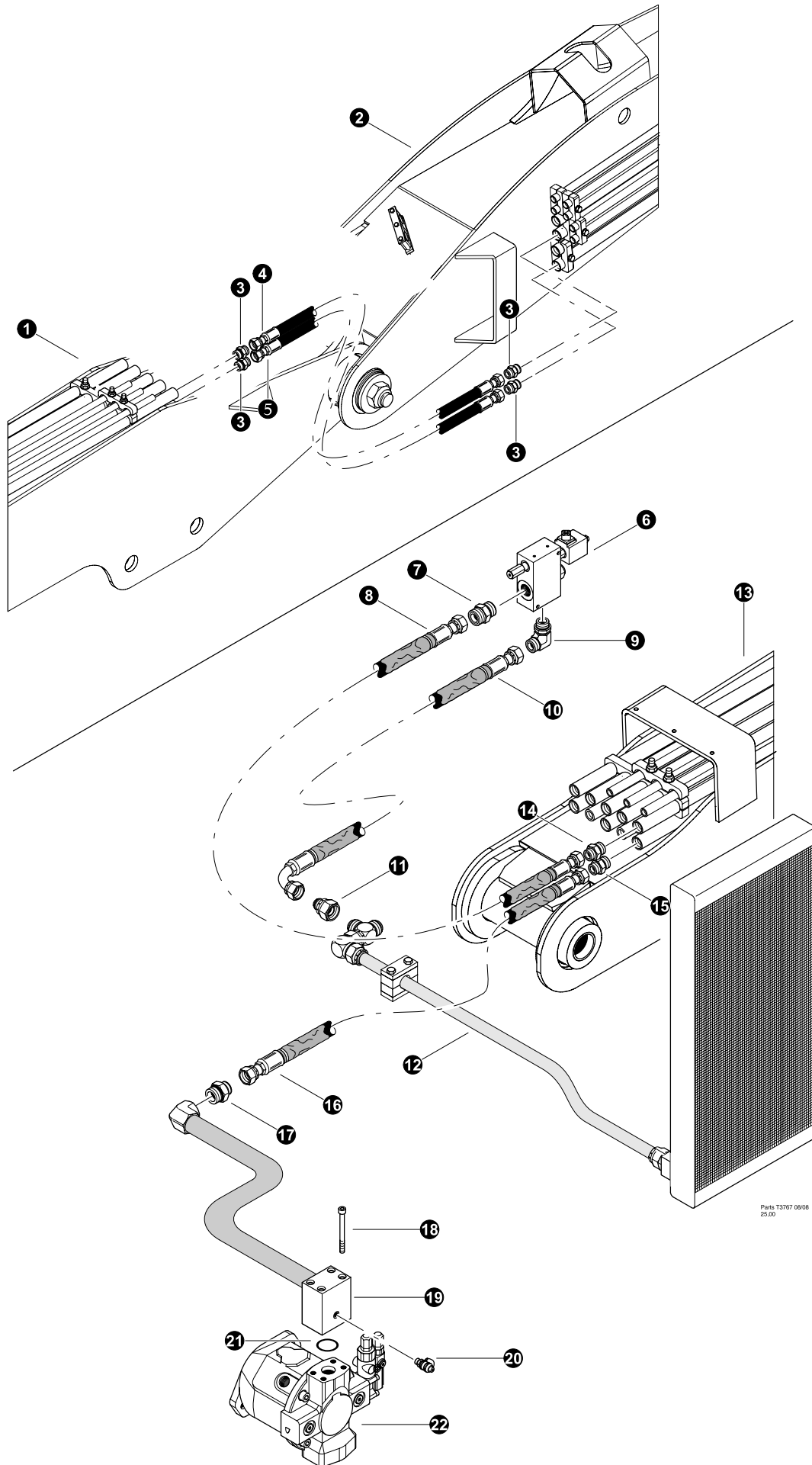


T3840 05/10
18.75

FELLER BUNCHER - DISC SAW HYDRAULICS (Disc Saw Pump Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 PUMP, TRACK DRIVE	DH
2	1-248-90-FH	1	O-RING, Pilot "R909154589"	
3	R902076964-FH	1	COUPLING, SHAFT DISC PUMP	
4	REF.	1	 PUMP, DISC SAW	FH-1
5	18735-FH	2	WASHER, flat - 12mm	
6	25028-FH	2	BOLT - 12mm x 35mm	
7	15186-FH	1	 KIT, SPLIT FLANGE - 1.5" (CODE 61)	
8	15389-FH	1	O-RING - 1-1/2" SF	
9	-FH	4	LOCK WASHER	
10	-FH	4	BOLT	
11	53039-FH	1	CONNECTOR, STR - C62 FLANGE/BARB (24/24)	
12	15641-FH	2	CLAMP, strap band - 2"	
13	-FH	AR	HOSE ASSEMBLY - 1007.5-24 (1 1/2" SUCTION)	
14	22726-FH	1	KING NIPPLE, 90 O-RING - 4601-24	
15	53040-FH	1	CONNECTOR, STR - M-ORB X F-ORB (32/24)	
16	REF.	1	 MANIFOLD, SUCTION 145 IMP PUMP	FH-2

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









Parts T3767 08/08
25.00

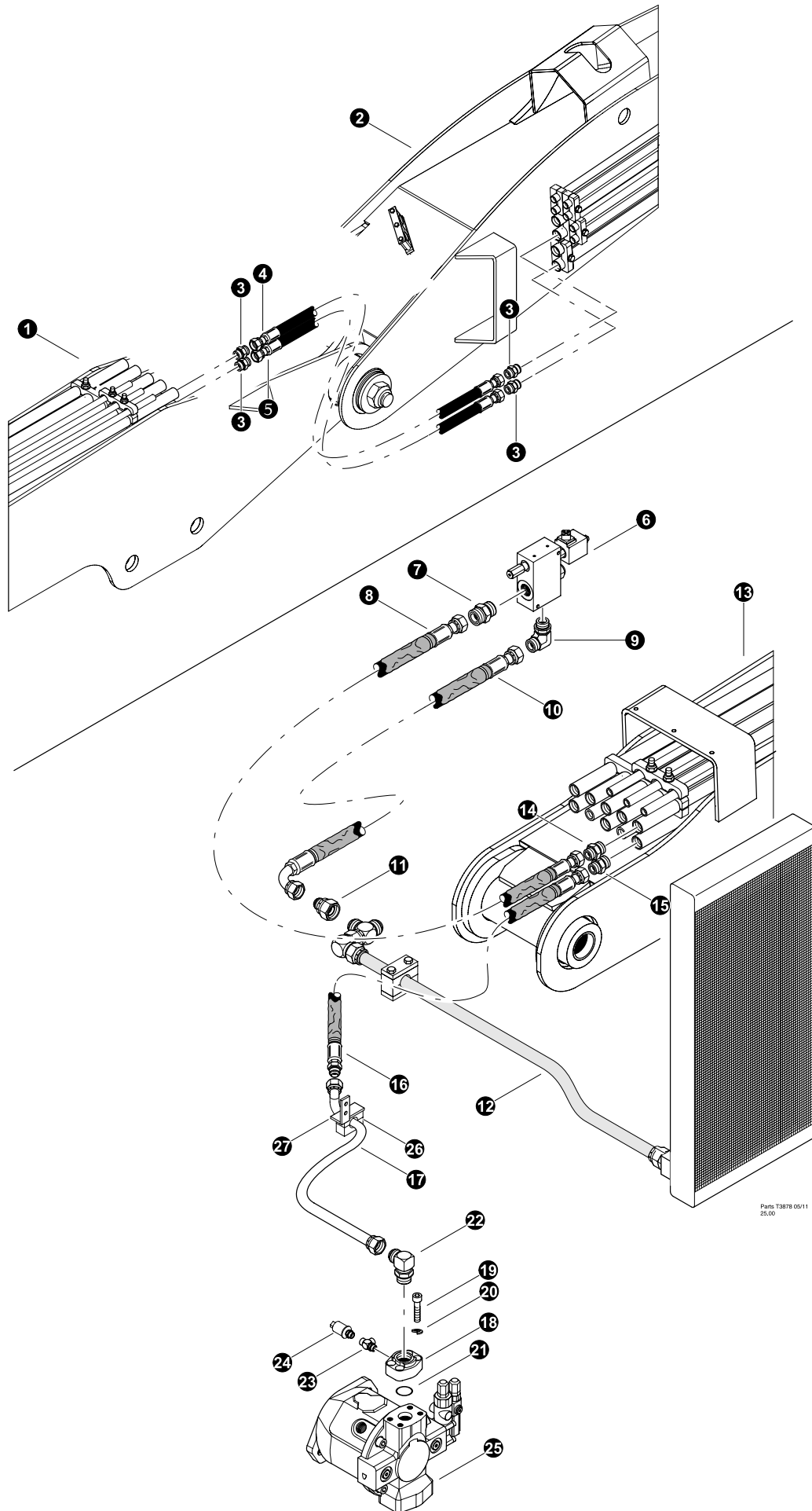
FELLER BUNCHER - DISC SAW HYDRAULICS

(Pressure and Tank Connections)

(Machines Built before May 2011)







REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	15225-FH	4	CONNECTOR, straight - FF1852T-1616S	
4	-FH	1	HOSE ASSEMBLY - 4075-16-160S-16OS (<i>Main Boom tube line to Stick Boom Return</i>)	
5	-FH	1	HOSE ASSEMBLY - 4073-16-160S-16OS (<i>Main Boom tube line to Stick Boom Pressure</i>)	
6	REF.	1	 SAW STOP VAVLE	FH-6
7	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
8	-FH	1	HOSE ASSEMBLY - 4084-12-120S-12OS (<i>Main Boom tube line to Disc Stop Block</i>)	
9	17688-FH	1	ELBOW, 90 - FF1868T-1212S	
10	-FH	1	HOSE ASSEMBLY - 4000-16-160S-16J9 (<i>Stop Block to Return Tube Tee</i>)	
11	53180-LH	1	FITTING, REDUCER TUBE END - 24-12	
12	REF.	1	 RETURN TUBE ASSEMBLY	FH-2
13	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
14	15226-FH	1	CONNECTOR, STR - FF1852T-1216S	
15	15226-FH	1	CONNECTOR, STR - FF1852T-1216S	
16	-FH	1	HOSE ASSEMBLY - 4016-12-120S-120S (<i>Main Boom tube line to Disc Pump Pressure</i>)	
17	15226-FH	1	CONNECTOR, STR - FF1852T-1216S	
18	-FH	4	BOLT, ALLEN HEAD - .375" X 4.75"	
19	52735-FH	1	TUBELINE, DISC SAW PRES. LINE ASSEMBLY	
20	16037-FH	1	TAP, GAUGE PORT - .25" SAE	
21	15377-FH	1	O-RING - 1" SF	
22	REF.	1	 DISC SAW PUMP	FH-1

 See referenced page for component or assembly breakdown.



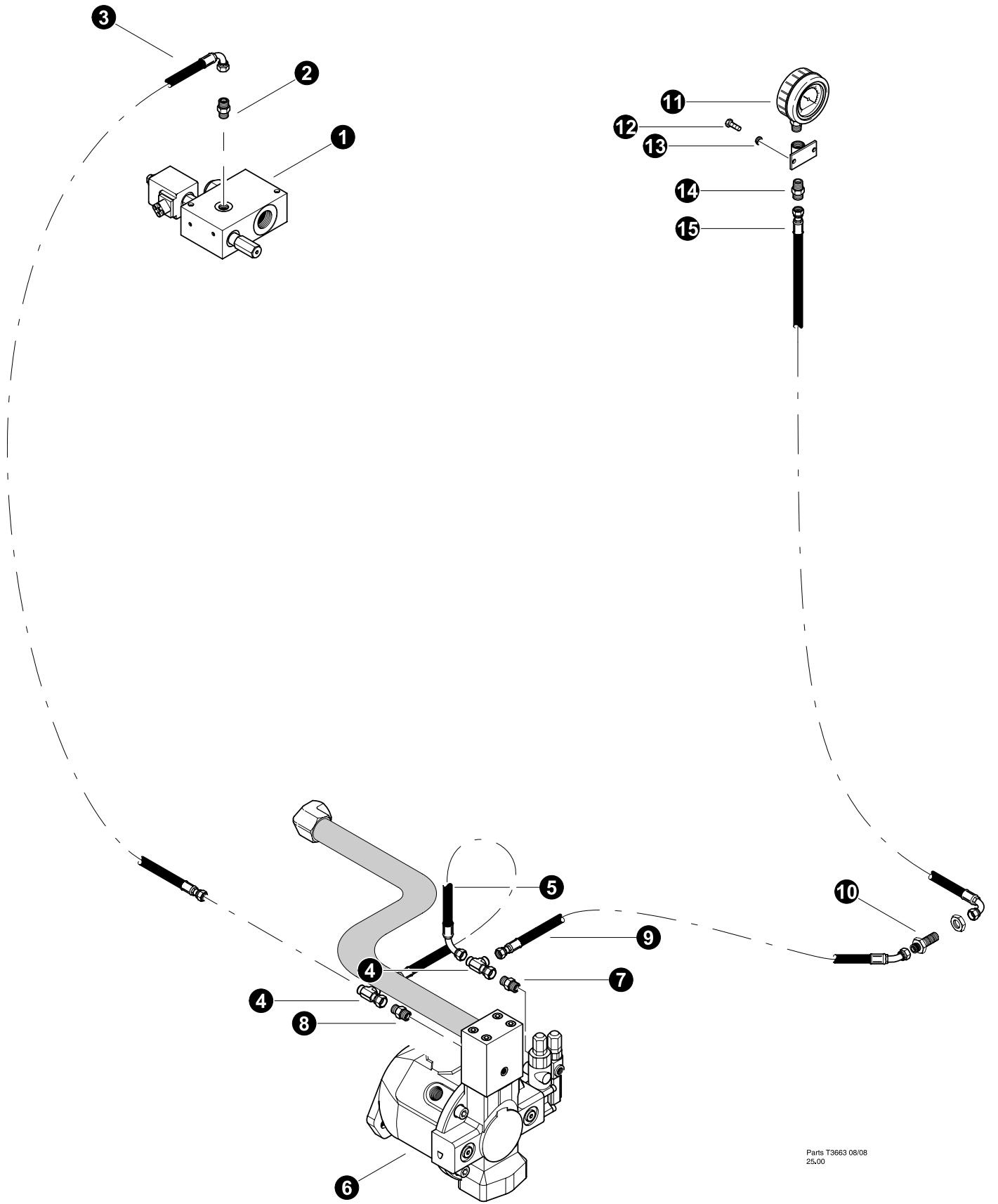
Parts T3B78 0011
25,00

FELLER BUNCHER - DISC SAW HYDRAULICS**(Pressure and Tank Connections)****(Machines Built May 2011 and After)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	15225-FH	4	CONNECTOR, straight - FF1852T-1616S	
4	-FH	1	HOSE ASSEMBLY - 4075-16-160S-16OS (<i>Main Boom tube line to Stick Boom Return</i>)	
5	-FH	1	HOSE ASSEMBLY - 4073-16-160S-16OS (<i>Main Boom tube line to Stick Boom Pressure</i>)	
6	REF.	1	 SAW STOP VALVE	FH-6
7	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
8	-FH	1	HOSE ASSEMBLY - 4084-12-120S-12OS (<i>Main Boom tube line to Disc Stop Block</i>)	
9	17688-FH	1	ELBOW, 90 - FF1868T-1212S	
10	-FH	1	HOSE ASSEMBLY - 4000-16-160S-16J9 (<i>Stop Block to Return Tube Tee</i>)	
11	53180-LH	1	FITTING, REDUCER TUBE END - 24-12	
12	REF.	1	 RETURN TUBE ASSEMBLY	FH-2
13	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
14	15226-FH	1	CONNECTOR, STR - FF1852T-1216S	
15	15226-FH	1	CONNECTOR, STR - FF1852T-1216S	
16	-FH	1	HOSE ASSEMBLY - 4020-12-120S-16MJ (<i>Main Boom tube line to Disc Pump Pressure</i>)	
17	54323-FH	1	TUBELINE, DISC SAW	
18	22758-FH	1	CONNECTOR, FLANGE PAD - W46K-16-16 (SAE)	
19	-FH	4	ALLEN BOLT	
20	-FH	4	WASHER	
21	15377-FH	1	O-RING - 1" SF	
22	15484-FH	1	ELBOW, 90 - 16 C5OX-S	
23	52186-FH	1	TEE, RUN - MALE (4 A0G5J5-S)	
24	24532-FH	1	TRANSDUCER, HYD PRESS - 7500p (current)	
25	REF.	1	 DISC SAW PUMP	FH-1
26	52992-FH	1	CLAMP, STEEL TUBELINE - SINGLE (FAN CONT	
27	54340-FH	1	BRACKET, DISC SAW TUBE LINE	





See referenced page for component or assembly breakdown.

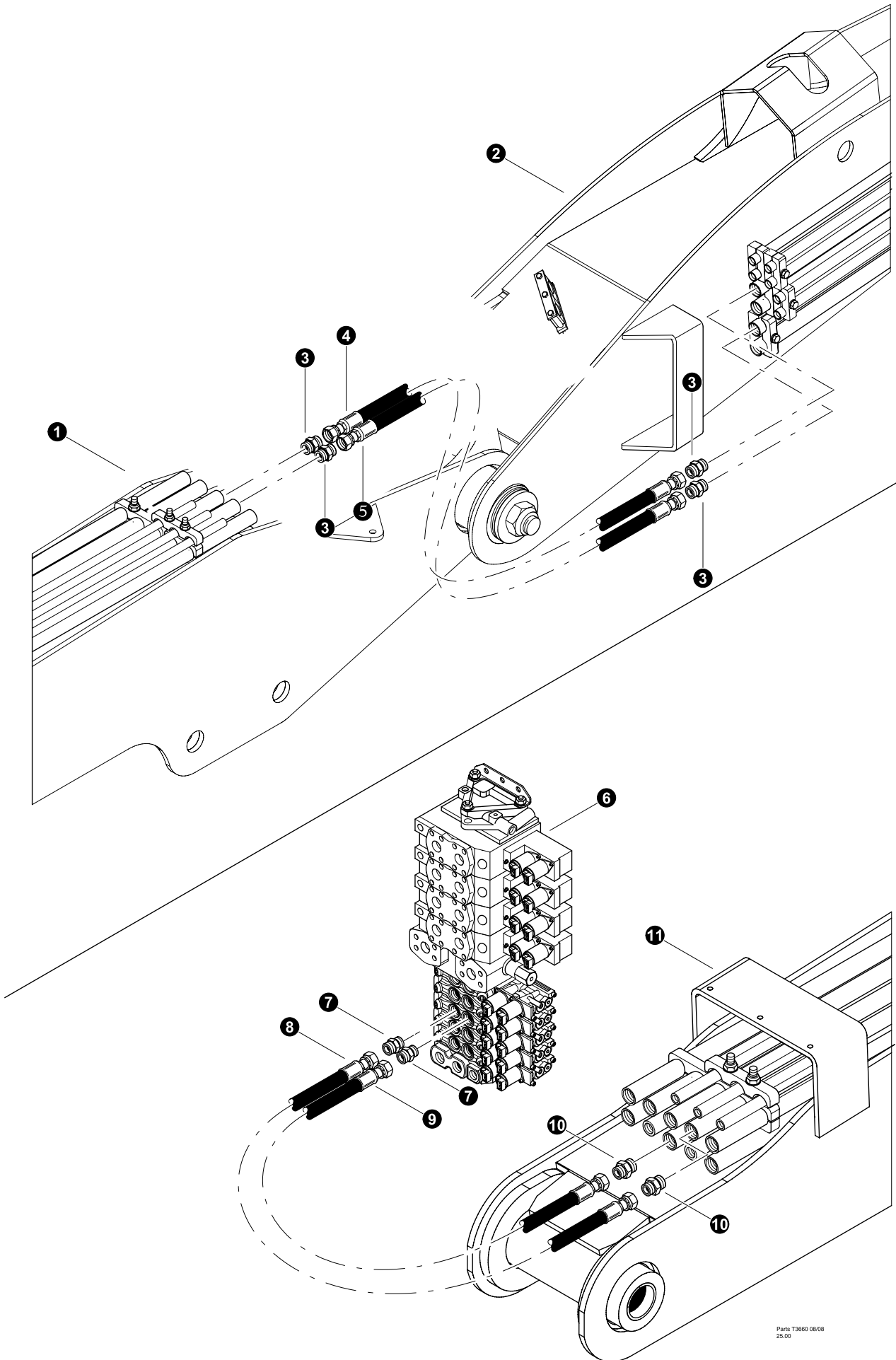


Parts T3663 08/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS
(Disc Saw Pump Load Sense and Gauge Connections)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SAW STOP VAVLE	FH-6
2	15124-FH	1	CONNECTOR, STR - FF1852T-0406S	
3	-FH	1	HOSE ASSEMBLY - 2136-04-040S-0409 (<i>Disc stop block to disc saw pump load sense port</i>)	
4	15176-FH	2	TEE - FF2114T-0404S	
5	-FH	1	HOSE ASSEMBLY - 20014-04-040S-0409 (<i>Disc saw pump load sense port jumper</i>)	
6	REF	1	IMPLEMENT PUMP.....	FH-1
7	16541-FH	1	CONNECTOR, straight - FF1852T-0404S	
8	22757-FH	1	CONNECTOR, STR - 848-TTO-04X04 (W/.040)	
9	-FH	1	HOSE ASSEMBLY - 2043-04-040S-0404 (<i>Disc saw pump to cab bulkhead</i>)	
10	18582-FH	1	CONNECTOR, STR BULKHEAD - FF1994T-0404S	
11	15343-OD	1	GAUGE, pressure - 6000 PSI	
12	15604-OD	2	BOLT - 1/4" x 3/4"	
13	10757-OD	2	WASHER, SAE FLAT - .25"	
14	15131-FH	1	CONNECTOR, straight - FF2031T-0404S	
15	-FH	1	HOSE ASSEMBLY - 2091-04-040S-0409 (<i>Gauge to Bulkhead</i>)	
16	12222-FH	1	BRACKET, disc saw gauge mount	





 See referenced page for component or assembly breakdown.



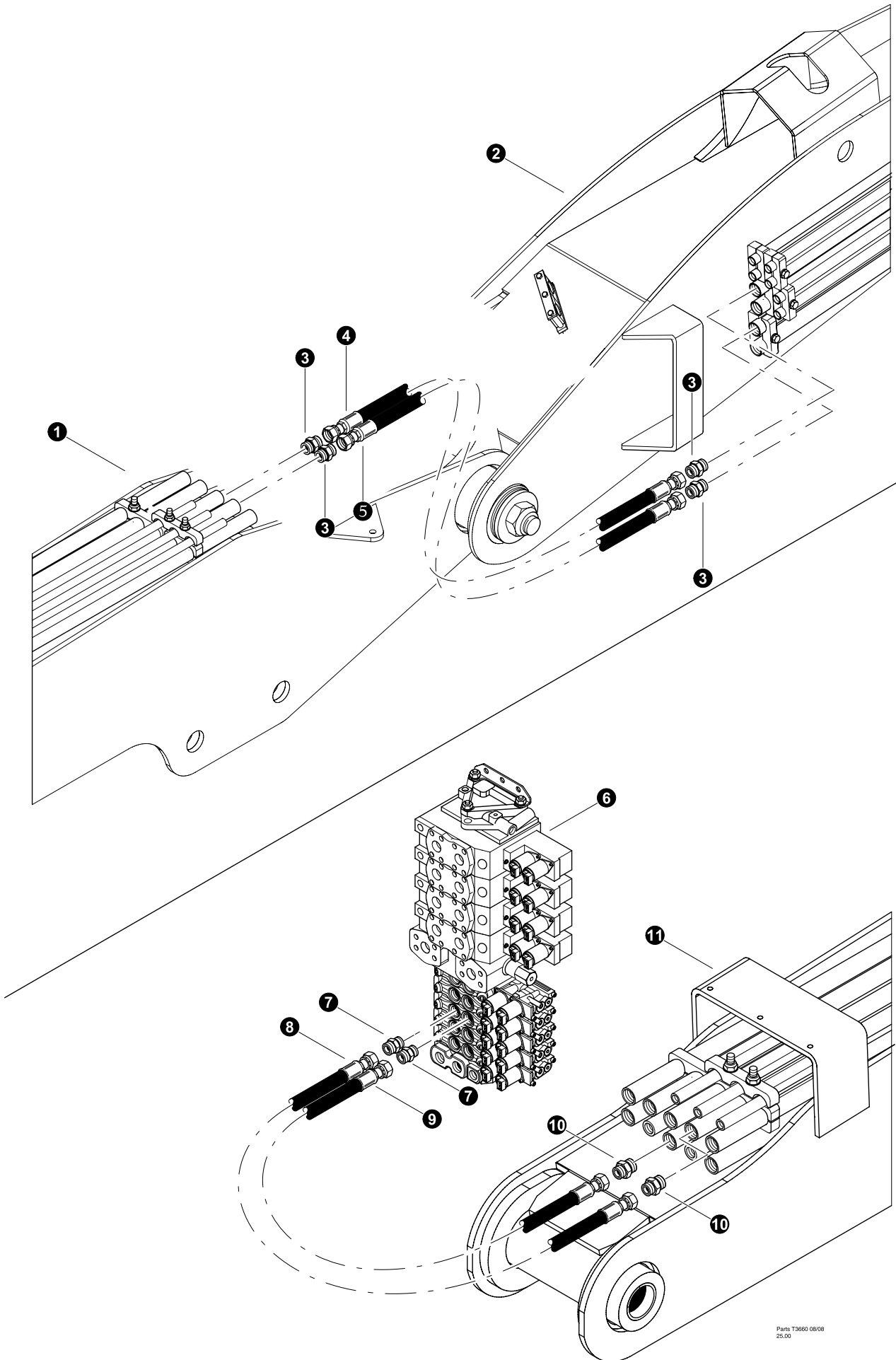
Parts T3660 08/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS (Clamp Cylinder Connection)

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	52866-FH	4	CONNECTOR, STR - 10-16 F50LO-S	
4	-FH	1	HOSE ASSEMBLY - 4073.5-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Clamp Rod</i>)	
5	-FH	1	HOSE ASSEMBLY - 4075.5-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Clamp Base</i>)	
6	REF.	1	 VALVE ASSEMBLY	FH-1
7	50039-FH	1	CONNECTOR, STR - 848-TTO-10X10	
8	-FH	1	HOSE ASSEMBLY - 4061-10-10OS-10OS (<i>Main Boom tube line to Valve B Clamp Rod</i>)	
9	-FH	1	HOSE ASSEMBLY - 4061-10-10OS-10OS (<i>Main Boom tube line to Valve A Clamp Base</i>)	
10	52866-FH	2	CONNECTOR, STR - 10-16 F50LO-S	
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1

 See referenced page for component or assembly breakdown.







Parts T3660 08/08
25.00

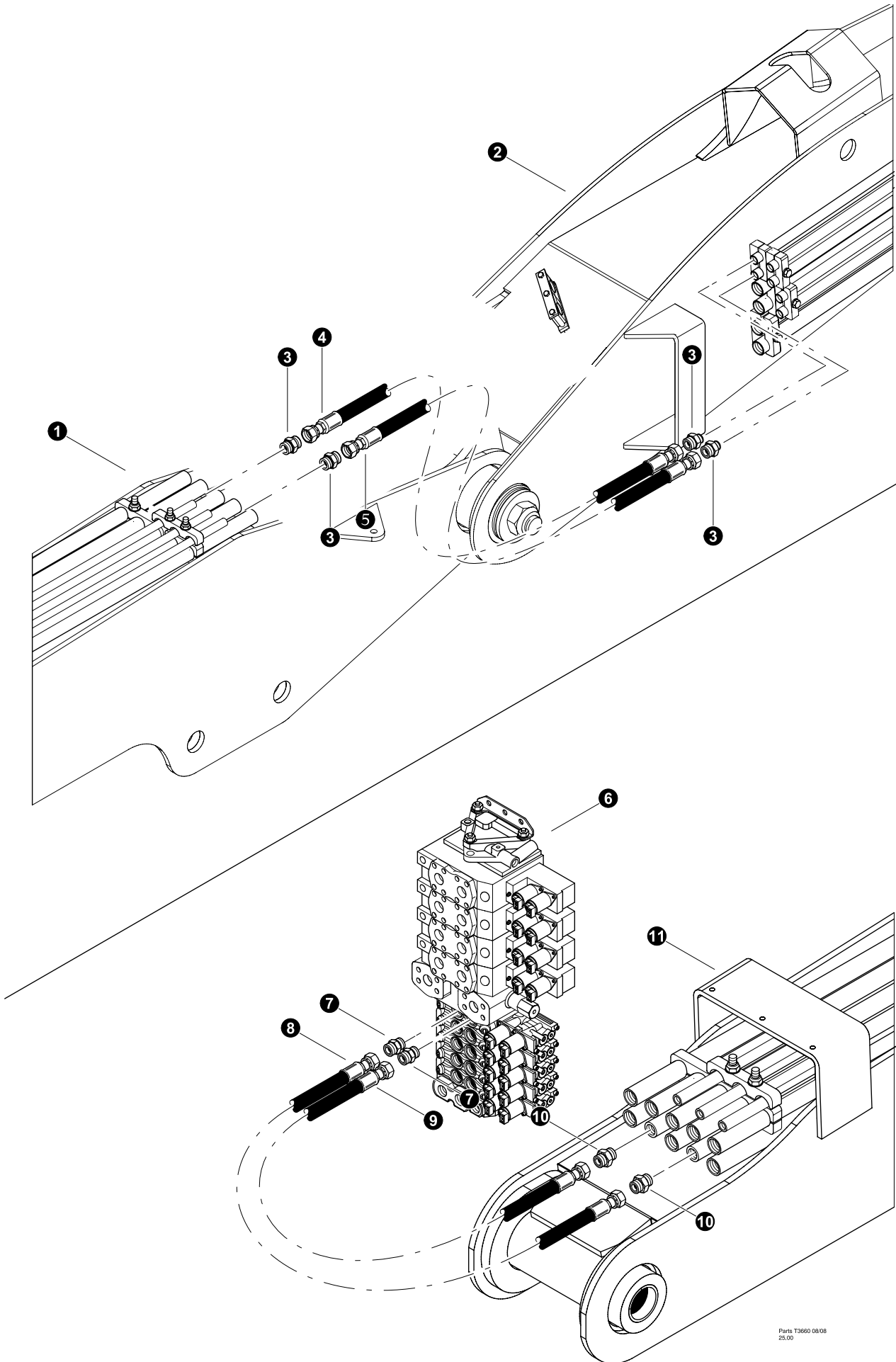
FELLER BUNCHER - DISC SAW HYDRAULICS

(Clamp Cylinder Connection)

TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	52866-FH	4	CONNECTOR, STR - 10-16 F50LO-S	
4	-FH	1	HOSE ASSEMBLY - 4073.5-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Clamp Rod</i>)	
5	-FH	1	HOSE ASSEMBLY - 4075.5-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Clamp Base</i>)	
6	REF.	1	 VALVE ASSEMBLY	FH-1
7	50039-FH	1	CONNECTOR, STR - 848-TTO-10X10	
8	-FH	1	HOSE ASSEMBLY - 4057-10-10OS-10OS (<i>Main Boom tube line to Valve B Clamp Rod</i>)	
9	-FH	1	HOSE ASSEMBLY - 4064-10-10OS-10OS (<i>Main Boom tube line to Valve A Clamp Base</i>)	
10	52866-FH	2	CONNECTOR, STR - 10-16 F50LO-S	
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1





 See referenced page for component or assembly breakdown.



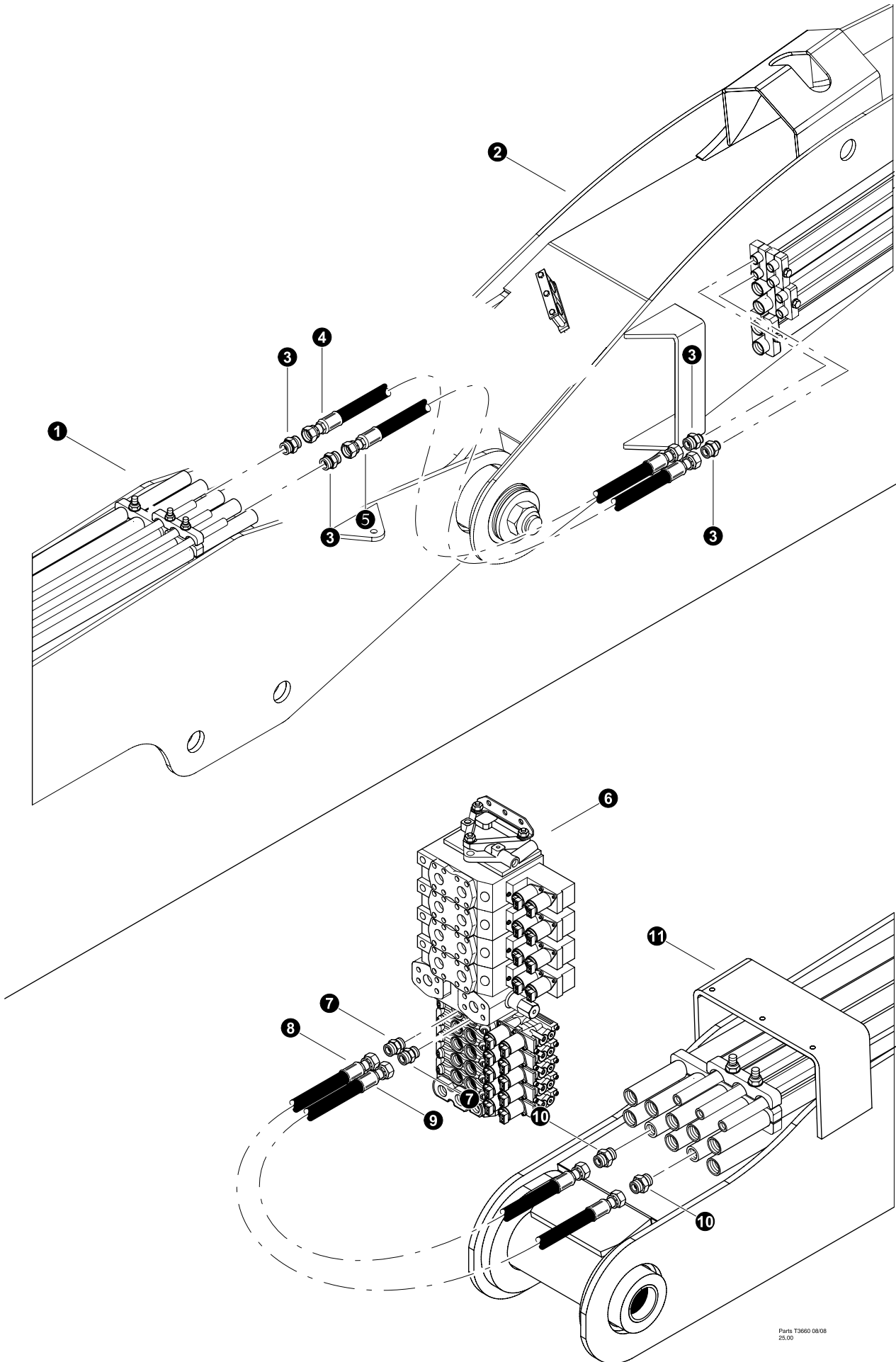
Parts T3660 08/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS
(Accumulator Cylinder Connection)

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	52866-FH	4	CONNECTOR, STR - 10-16 F50LO-S	
4	-FH	1	HOSE ASSEMBLY - 4079-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Acc Rod</i>)	
5	-FH	1	HOSE ASSEMBLY - 4078-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Acc Base</i>)	
6	REF.	1	 VALVE ASSEMBLY	FH-1
7	50039-FH	1	CONNECTOR, STR - 848-TTO-10X10	
8	-FH	1	HOSE ASSEMBLY - 4057-10-10OS-10OS (<i>Main Boom tube line to Valve B Acc Rod</i>)	
9	-FH	1	HOSE ASSEMBLY - 4057-10-10OS-10OS (<i>Main Boom tube line to Valve A Acc Base</i>)	
10	52866-FH	2	CONNECTOR, STR - 10-16 F50LO-S	
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1





 See referenced page for component or assembly breakdown.



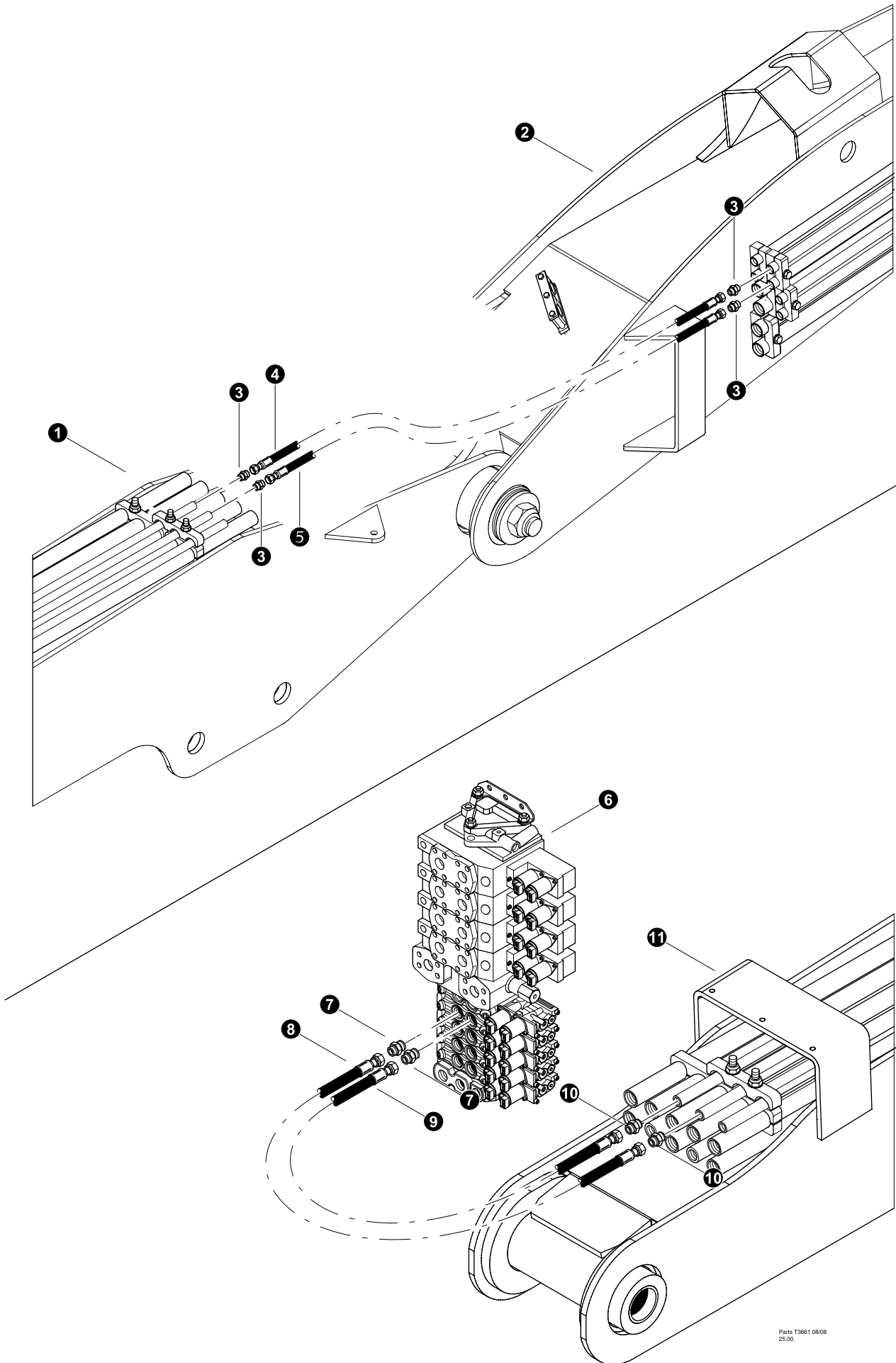
Parts T33660 08/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS
(Accumulator Cylinder Connection)

TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	52866-FH	4	CONNECTOR, STR - 10-16 F50LO-S	
4	-FH	1	HOSE ASSEMBLY - 4079-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Acc Rod</i>)	
5	-FH	1	HOSE ASSEMBLY - 4078-10-10OS-10OS (<i>Main Boom tube line to Stick Boom Acc Base</i>)	
6	REF.	1	 VALVE ASSEMBLY	FH-1
7	50039-FH	1	CONNECTOR, STR - 848-TTO-10X10	
8	-FH	1	HOSE ASSEMBLY - 4064-10-10OS-10OS (<i>Main Boom tube line to Valve B Acc Rod</i>)	
9	-FH	1	HOSE ASSEMBLY - 4064-10-10OS-10OS (<i>Main Boom tube line to Valve A Acc Base</i>)	
10	52866-FH	2	CONNECTOR, STR - 10-16 F50LO-S	
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1





 See referenced page for component or assembly breakdown.



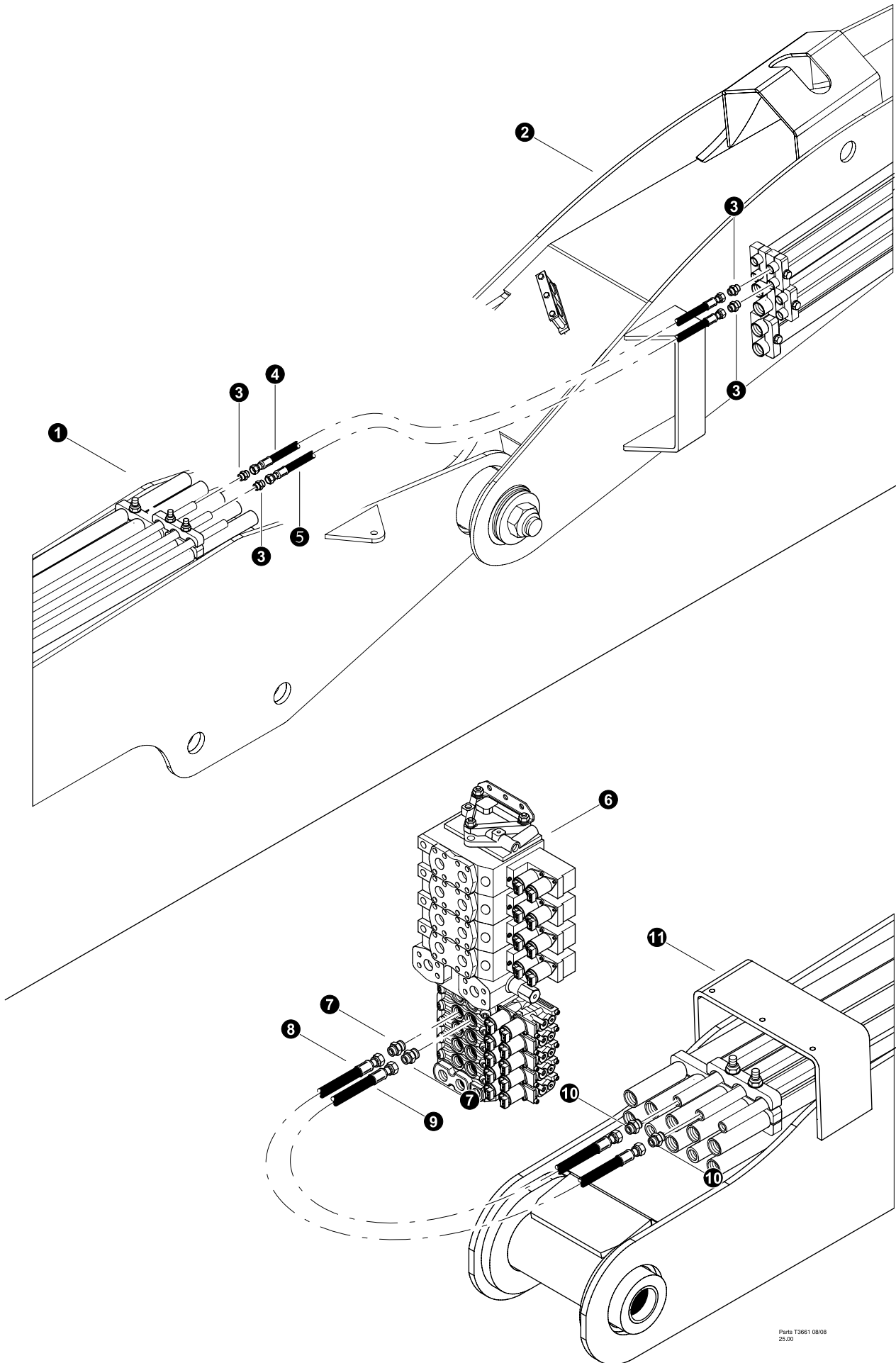
Parts T3661 08/08
25/00

FELLER BUNCHER - DISC SAW HYDRAULICS (Lateral Tilt Connection)

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	15117-FH	1	CONNECTOR, STR - FF1852T-0808S	
4	-FH	1	HOSE ASSEMBLY - 4082.5-08-08OS-08OS (<i>Main Boom tube line to Stick Boom Lateral Tilt</i>)	
5	-FH	1	HOSE ASSEMBLY - 4080.5-08-08OS-08OS (<i>Main Boom tube line to Stick Boom Lateral Tilt</i>)	
6	REF.	1	 VALVE ASSEMBLY	FH-1
7	50039-FH	1	CONNECTOR, STR - 848-TTO-10X10	
8	-FH	1	HOSE ASSEMBLY - 4064-08-08OS-08OS (<i>Main Boom tube line to Valve B Lateral Tilt</i>)	
9	-FH	1	HOSE ASSEMBLY - 4064-08-08OS-08OS (<i>Main Boom tube line to Valve A Lateral Tilt</i>)	
10	15115-FH	2	CONNECTOR, STR - 848-TTO-08X10	
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1





 See referenced page for component or assembly breakdown.



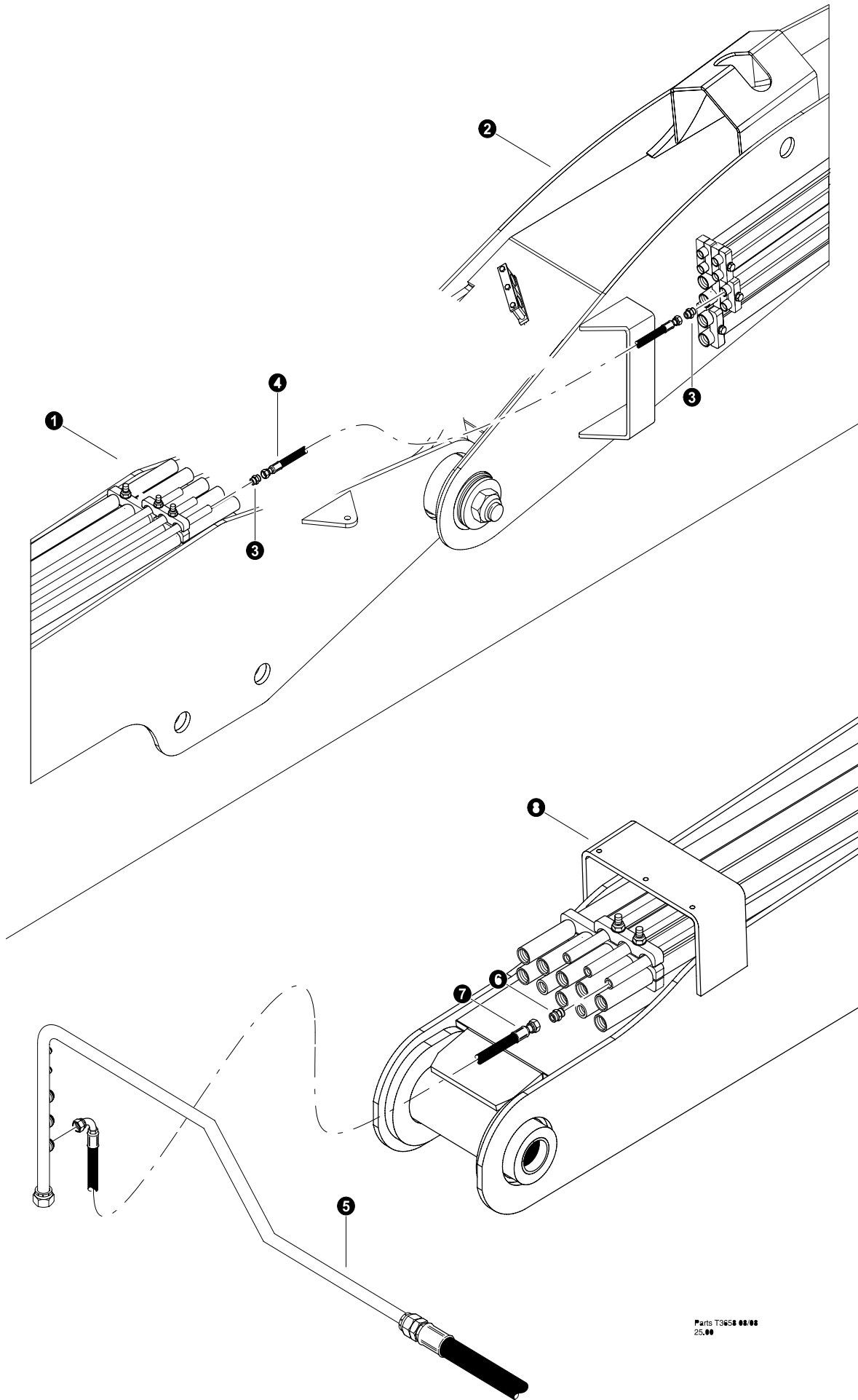
Parts T3661 08/08
25/00

FELLER BUNCHER - DISC SAW HYDRAULICS (Lateral Tilt Connection)

TL725B-0026-051909 and after





REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY	FB-2
3	15117-FH	1	CONNECTOR, STR - FF1852T-0808S	
4	-FH	1	HOSE ASSEMBLY - 4082.5-08-08OS-08OS (<i>Main Boom tube line to Stick Boom Lateral Tilt</i>)	
5	-FH	1	HOSE ASSEMBLY - 4080.5-08-08OS-08OS (<i>Main Boom tube line to Stick Boom Lateral Tilt</i>)	
6	REF.	1	 VALVE ASSEMBLY	FH-1
7	50039-FH	1	CONNECTOR, STR - 848-TTO-10X10	
8	-FH	1	HOSE ASSEMBLY - 4067-08-08OS-08OS (<i>Main Boom tube line to Valve B Lateral Tilt</i>)	
9	-FH	1	HOSE ASSEMBLY - 4066-08-08OS-08OS (<i>Main Boom tube line to Valve A Lateral Tilt</i>)	
10	15115-FH	2	CONNECTOR, STR - 848-TTO-08X10	
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1

 See referenced page for component or assembly breakdown.

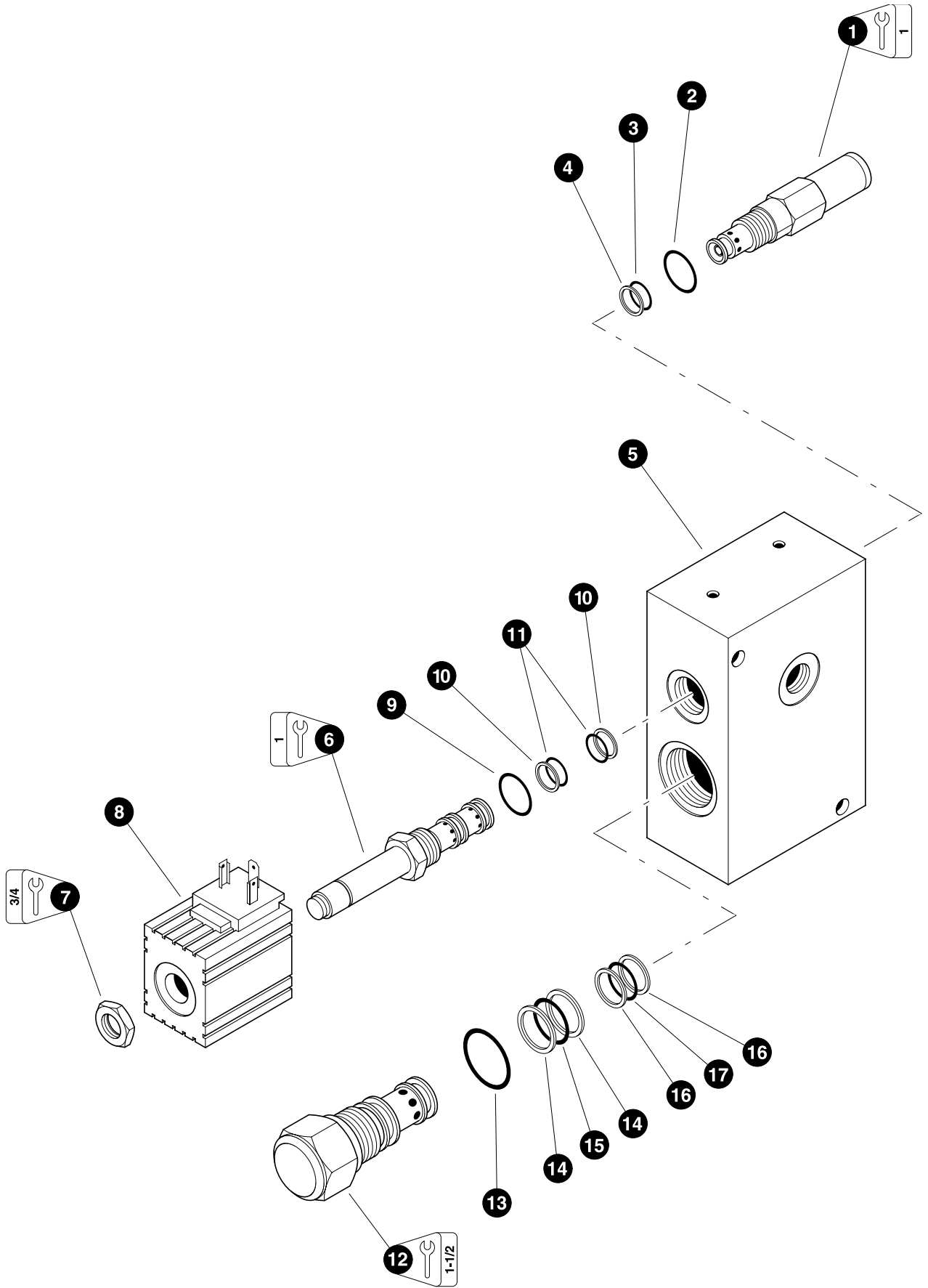


Parts T3658 02/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS
(Case Drain Connection)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		MAIN BOOM ASSEMBLY	FB-1
2	REF.	1		STICK BOOM ASSEMBLY	FB-2
3	15117-FH	1		CONNECTOR, STR - FF1852T-0808S	
4	-FH	1		HOSE ASSEMBLY - 4079.5-08-08OS-08OS (<i>Main Boom tube line to Stick Boom Lateral Tilt</i>)	
5	REF.	1		CASE DRAIN TUBE	FH-2
6	15117-FH	1		CONNECTOR, STR - FF1852T-0808S	
7	-FH	1		HOSE ASSEMBLY - 2072-08-080S-08J9 (<i>Main Boom tube line to Case Drain Tube</i>)	
8	REF.	1		MAIN BOOM ASSEMBLY	FB-1

 See referenced page for component or assembly breakdown.



FELLER BUNCHER - DISC SAW HYDRAULICS (Saw Stop Valve)

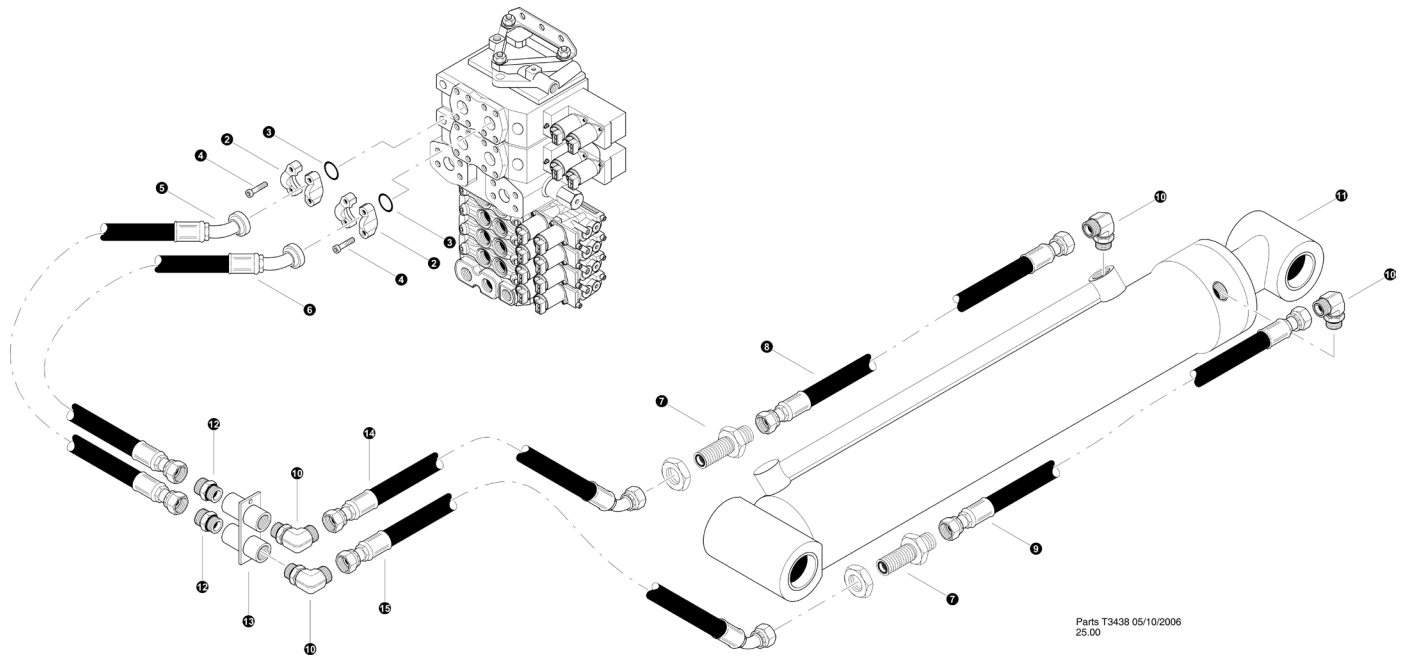
REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	23782-FH	1	☐ VALVE, SAW STOP - 24 Volt	
1	-FH	1	☐ CARTRIDGE, relief valve (RV08-20A-0-N-5 Hydraforce)	
2	NSS	1	⌘ O-RING, body	
3	NSS	1	⌘ O-RING, chamber	
4	NSS	1	⌘ RING, back-up - chamber	
5	NSS	1	HOUSING, valve body (204010901-40 M&W)	
6	-FH	1	☐ CARTRIDGE, saw stop solenoid (SV08-31M-0-N-24DG Hydraforce)	
7	NSS	1	NUT	
8	-FH	1	COIL, solenoid - 24 Volt (6306024 Hydraforce)	
9	NSS	1	◆ O-RING, body	
10	NSS	2	◆ RING, back-up - chamber	
11	NSS	2	◆ O-RING, chamber	
12	-FH	1	☐ CARTRIDGE, logic valve (EV16-S34-0-N-40 Hydraforce)	
13	NSS	1	■ O-RING, body	
14	NSS	2	■ RING, back-up - chamber (<i>Large</i>)	
15	NSS	1	■ O-RING, chamber (<i>Large</i>)	
16	NSS	2	■ RING, back-up - chamber (<i>Small</i>)	
17	NSS	1	■ O-RING, chamber (<i>Small</i>)	
-	-FH	1	☐ KIT, seal repair - complete saw stop valve	
-	-FH	1	○ KIT, seal repair - saw stop solenoid cartridge (SK08-3X-MM)	
-	-FH	1	○ KIT, seal repair - logic valve (SK16-3X-MM)	
-	-FH	1	○ KIT, seal repair - relief valve cartridge (SK08-2X-B)	

- ☐ Kit or Assembly - includes all items indented underneath.
- ⌘ Included in seal repair kit Part # -FH.(SK08-2X-B)
- ◆ Included in seal repair kit Part # -FH.(SK08-3X-MM)
- Included in seal repair kit Part # -FH.(SK16-3X-MM)

 See referenced page for component or assembly breakdown.

Section FH-6




Feller Buncher Hydraulics - Implement Function Connections - Dangle Harvester



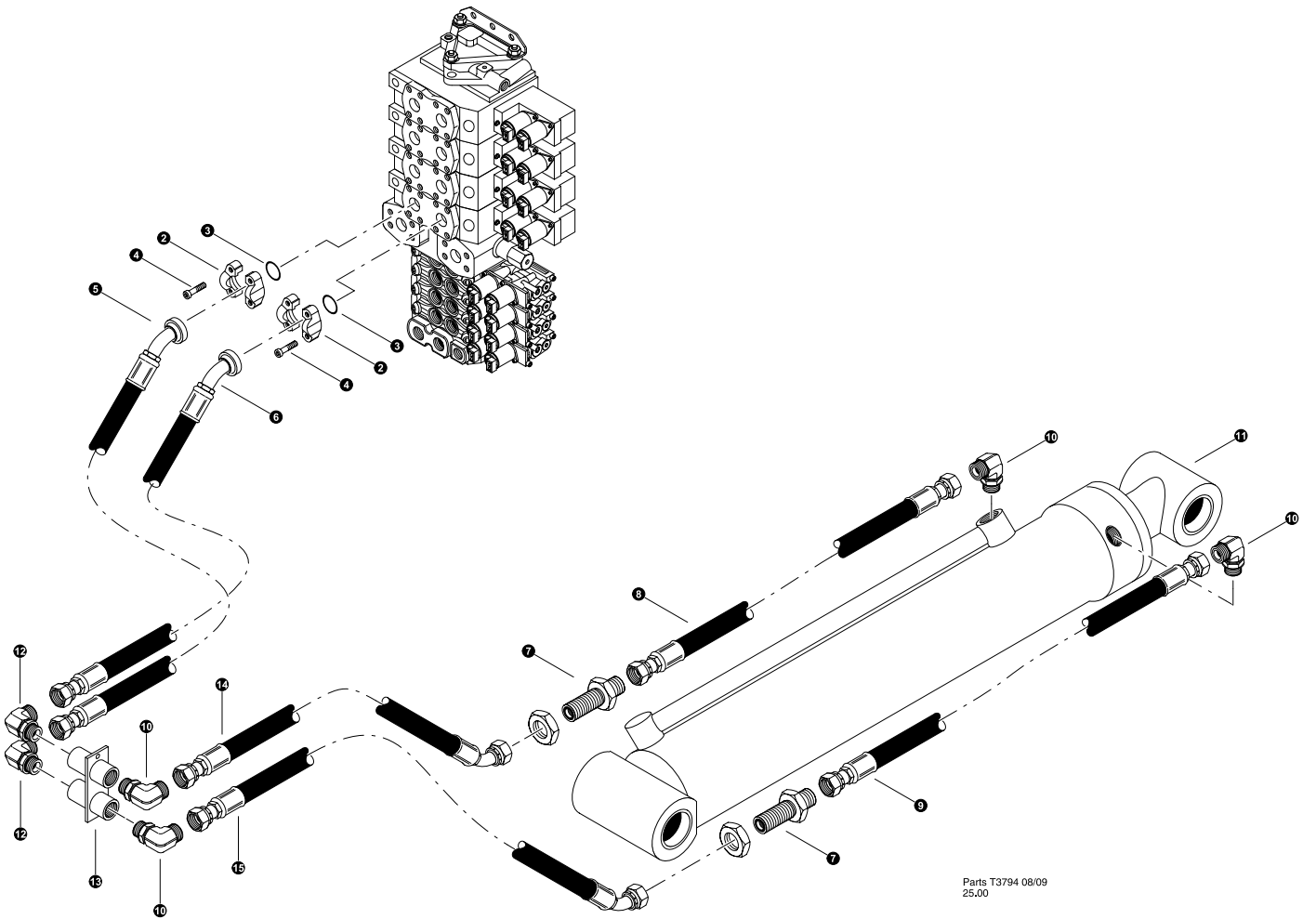
Parts T3438 05/10/2006
25.00

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

TN725B-0025-041309 and Before




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4031-16-160S-16PA4 (Main boom valve work port "B" to main boom cylinder bulkhead)	
6	-FH	1	HOSE ASSEMBLY - 4029.5-16-160S-16PA4 (Main boom valve work port "A" to main boom cylinder bulkhead)	
7	20033-FH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
8	-FB	1	HOSE ASSEMBLY - 4053-16-160S-160S (main boom bulkhead to main boom cylinder base port)	
9	50864-FH	1	HOSE ASSEMBLY - 4066-16-160S-160S (main boom bulkhead to main boom cylinder rod port)	
10	15228-FH	2	ELBOW, 90 - FF1868T-1616S	
11	REF.	1	 MAIN BOOM (HOIST) CYLINDER	FB-3
12	15525-FH	1	CONNECTOR, STR - FF1852T-1616S	
13	-FH	1	BULKHEAD, UPPER MAIN CYL	
14	-FH	1	HOSE ASSEMBLY - 4039-16-160S-1604 (main boom base bulkhead to bulkhead bracket "a" port)	
15	-FH	1	HOSE ASSEMBLY - 4033.5-16-160S-1604 (main boom rod bulkhead to bulkhead bracket "b" port)	

 See referenced page for component or assembly breakdown.

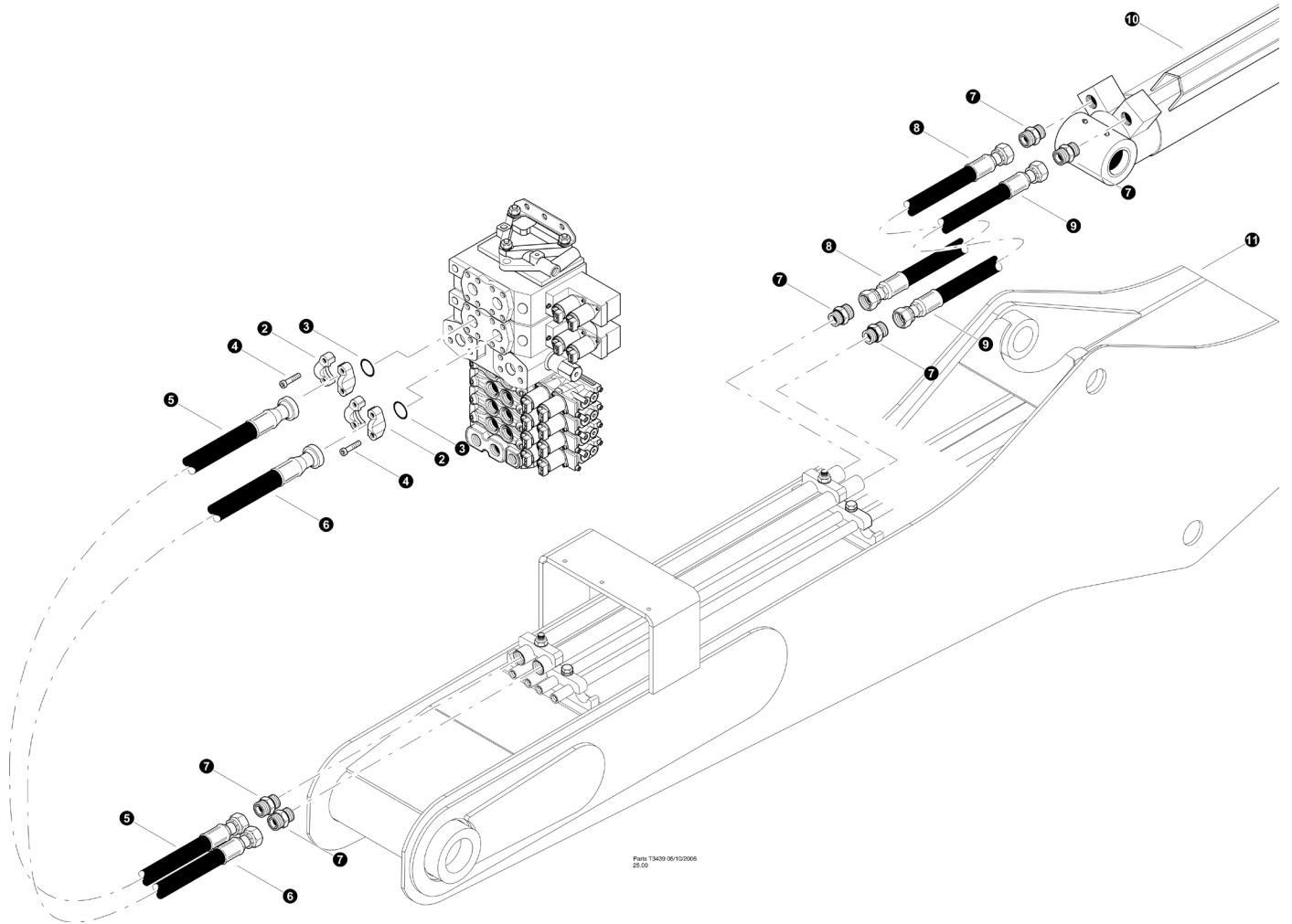


MAIN BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom (Hoist) Cylinder)

TL725B-0026-051909 and after






REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4020-16-160S-16PA4 (<i>Main boom valve work port "B" to main boom cylinder bulkhead</i>)	
6	-FH	1	HOSE ASSEMBLY - 4019-16-160S-16PA4 (<i>Main boom valve work port "A" to main boom cylinder bulkhead</i>)	
7	20033-FH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
8	-FB	1	HOSE ASSEMBLY - 4053-16-160S-160S (<i>main boom bulkhead to main boom cylinder base port</i>)	
9	50864-FH	1	HOSE ASSEMBLY - 4066-16-160S-160S (<i>main boom bulkhead to main boom cylinder rod port</i>)	
10	15228-FH	2	ELBOW, 90 - FF1868T-1616S	
11	REF.	1	 MAIN BOOM (HOIST) CYLINDER	FB-3
12	15525-FH	1	CONNECTOR, STR - FF1852T-1616S	
13	-FH	1	BULKHEAD, UPPER MAIN CYL	
14	-FH	1	HOSE ASSEMBLY - 4039-16-160S-1604 (<i>main boom base bulkhead to bulkhead bracket "a" port</i>)	
15	-FH	1	HOSE ASSEMBLY - 4033.5-16-160S-1604 (<i>main boom rod bulkhead to bulkhead bracket "b" port</i>)	

 See referenced page for component or assembly breakdown.

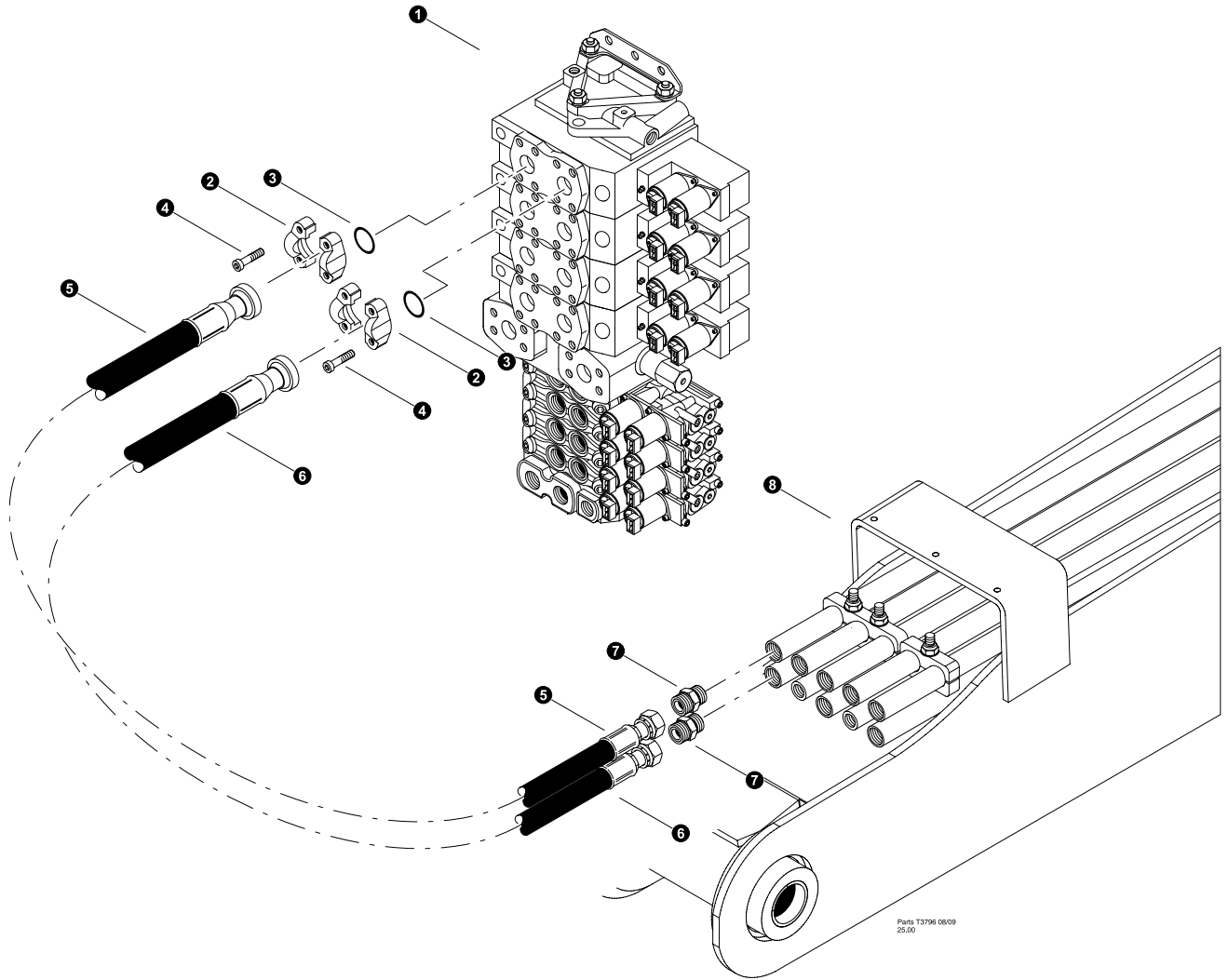


STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

TN725B-0025-041309 and Before






REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	15111-FH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4053-16-1609-16PA (<i>Stick boom valve work port "B" to main boom tube line base side</i>)	
6	-FH	1	HOSE ASSEMBLY - 4053-16-1604-16PA (<i>Stick boom valve work port "A" to main boom tube line rod side</i>)	
7	18406-FH	6	 CONNECTOR, STR - FF1852T-1612S	
8	-FH	1	HOSE ASSEMBLY - 4019.5-16-160S-16O4 (<i>Stick Cylinder to main boom tube line base side</i>)	
9	-FH	1	HOSE ASSEMBLY - 4019.5-16-16OS-16O4 (<i>Stick Cylinder to main boom tube line rod side</i>)	
10	REF.	1	 STICK BOOM CYLINDER	FB-3
11	REF.	1	 MAIN BOOM ASSEMBLY	FB-1

 See referenced page for component or assembly breakdown.

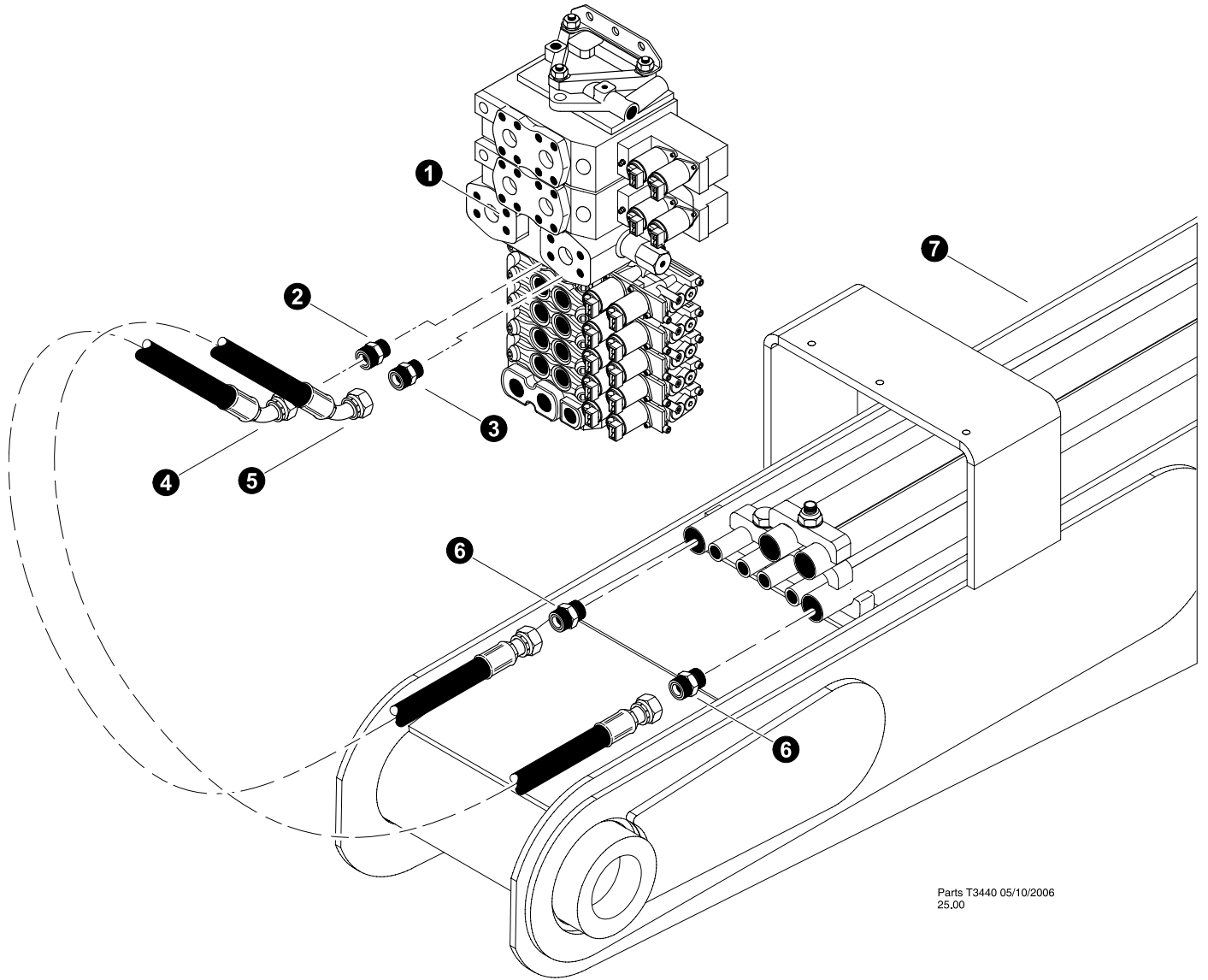


STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

TL725B-0026-051909 and after



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-1
2	15111-FH	2	 KIT, split flange - 1" SF (Code 61)	
3	15377-FH	2	O-RING - 1" SF	
4	18979-FH	8	BOLT, allen M10 X 45MM	
5	-FH	1	HOSE ASSEMBLY - 4052.5-16-1609-16PA (<i>Stick boom valve work port "B" to main boom tube line base side</i>)	
6	-FH	1	HOSE ASSEMBLY - 4053-16-1604-16PA (<i>Stick boom valve work port "A" to main boom tube line rod side</i>)	
7	18406-FH	6	 CONNECTOR, STR - FF1852T-1612S	
8	-FH	1	HOSE ASSEMBLY - 4019.5-16-160S-16O4 (<i>Stick Cylinder to main boom tube line base side</i>)	
9	-FH	1	HOSE ASSEMBLY - 4019.5-16-16OS-16O4 (<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.

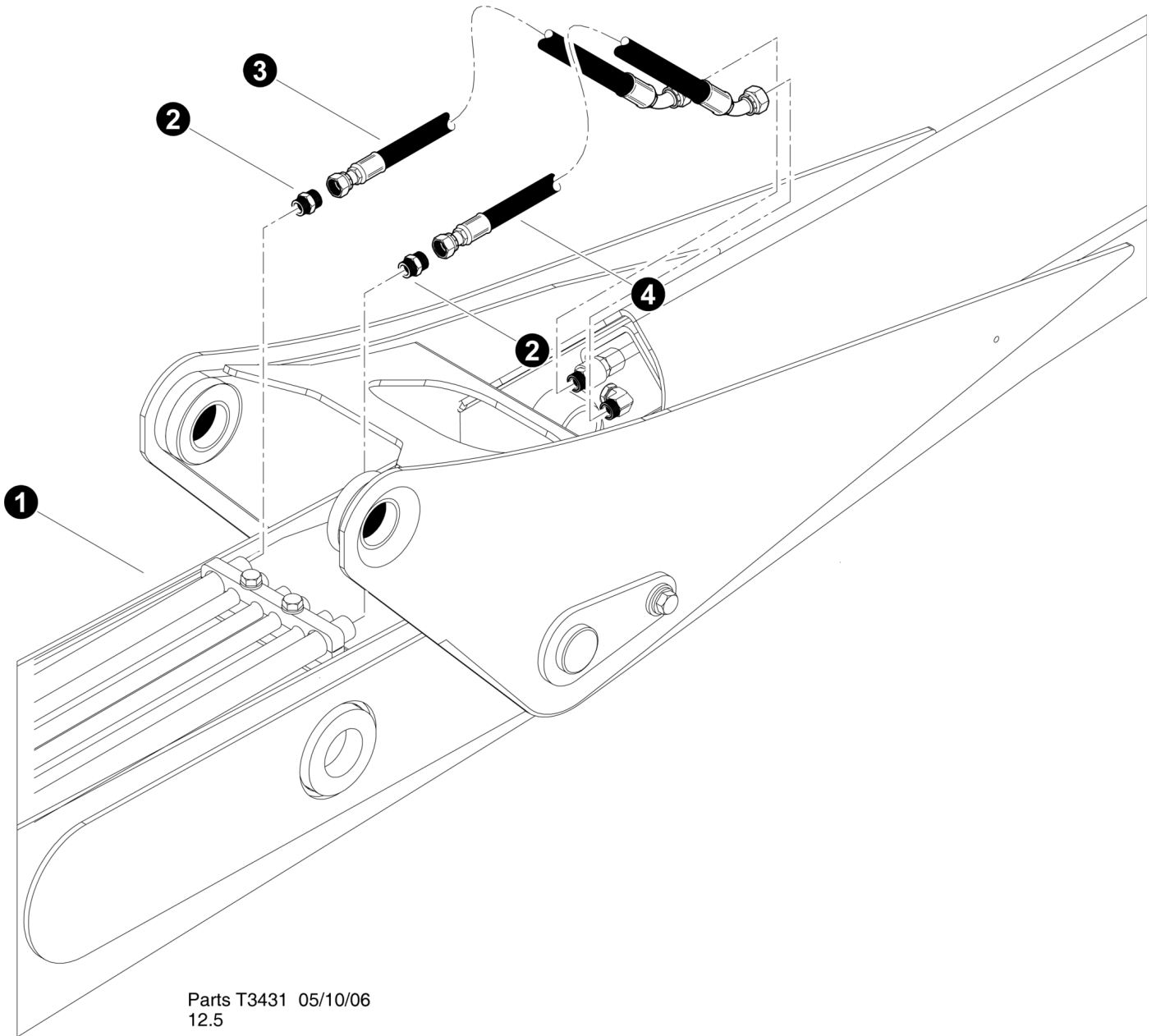


Parts T3440 05/10/2006
25.00


“Optional” SQUIRT BOOM CONNECTIONS
(Main Control Valve To Squirt Cylinder tube lines)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE (with optional squirt/tele)	FH-1
2	16851-FH	1	CONNECTOR, STR - FF1852T-1210S	
3	16851-FH	1	CONNECTOR, STR - FF1852T-1210S	
4	-FH	1	HOSE ASSEMBLY - 4051-12-120S-1204 (<i>Squirt Boom Section “A” port to Main Boom</i>)	
5	-FH	1	HOSE ASSEMBLY - 4053-12-120S-1204 (<i>Squirt Boom Section “B” port to Main Boom</i>)	
6	15152-FH	2	CONNECTOR, STR - FF1852T-1212S	
7	REF.	1	 MAIN BOOM ASSEMBLY	FB-1

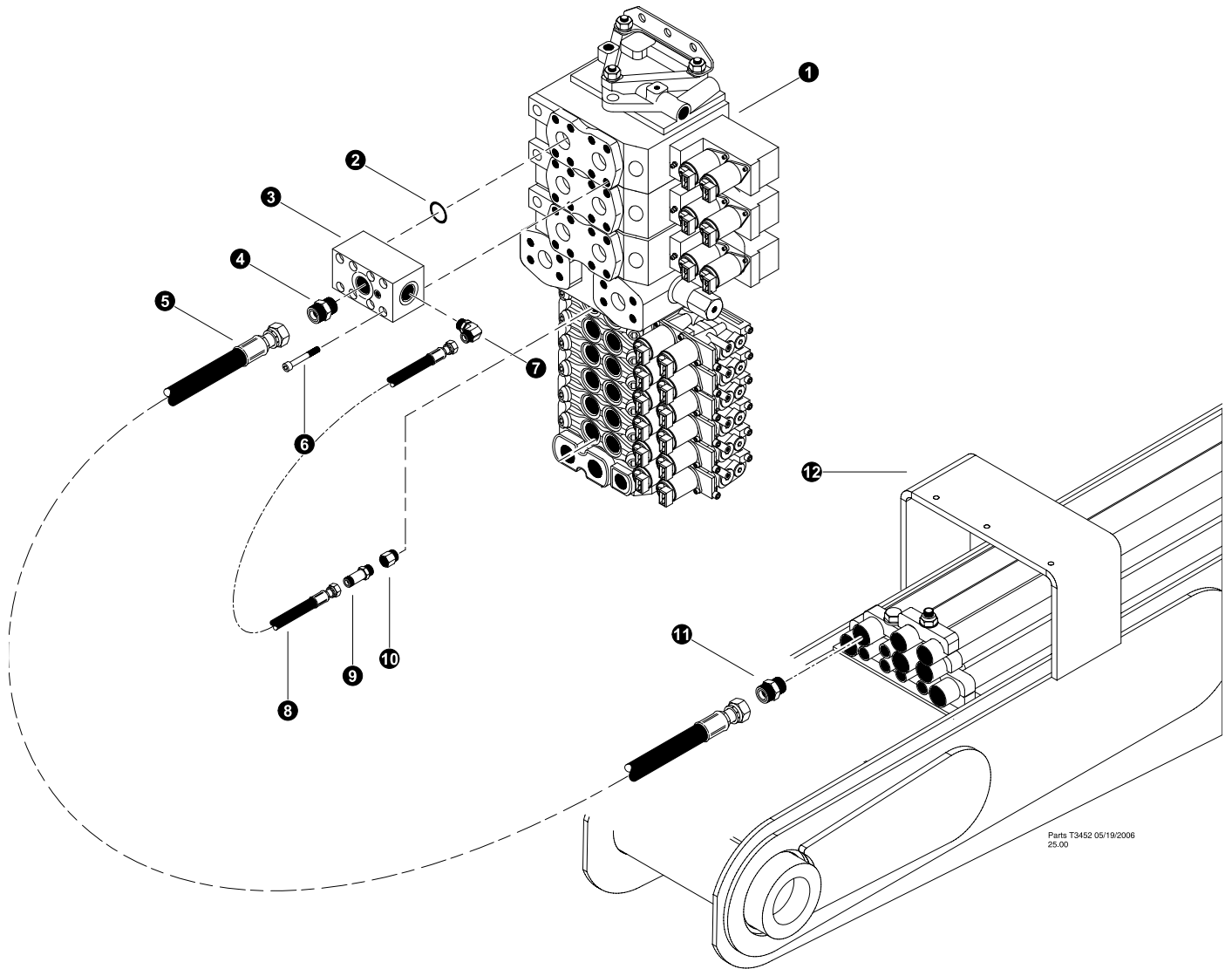
 See referenced page for component or assembly breakdown.



“Optional” SQUIRT BOOM CONNECTIONS (Main Boom To Squirt Cylinder)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN / SQUIRT BOOM ASSEMBLY	FB-1
2	15152-FH	2	CONNECTOR, STR - FF1852T-1212S	
3	-FH	1	HOSE ASSEMBLY - 4042-12-120S-1204 (<i>Main Boom tube line to Squirt Boom Cylinder</i>)	
4	-FH	1	HOSE ASSEMBLY - 4042-12-120S-1204 (<i>Main Boom tube line to Squirt Boom Cylinder</i>)	

 See referenced page for component or assembly breakdown.

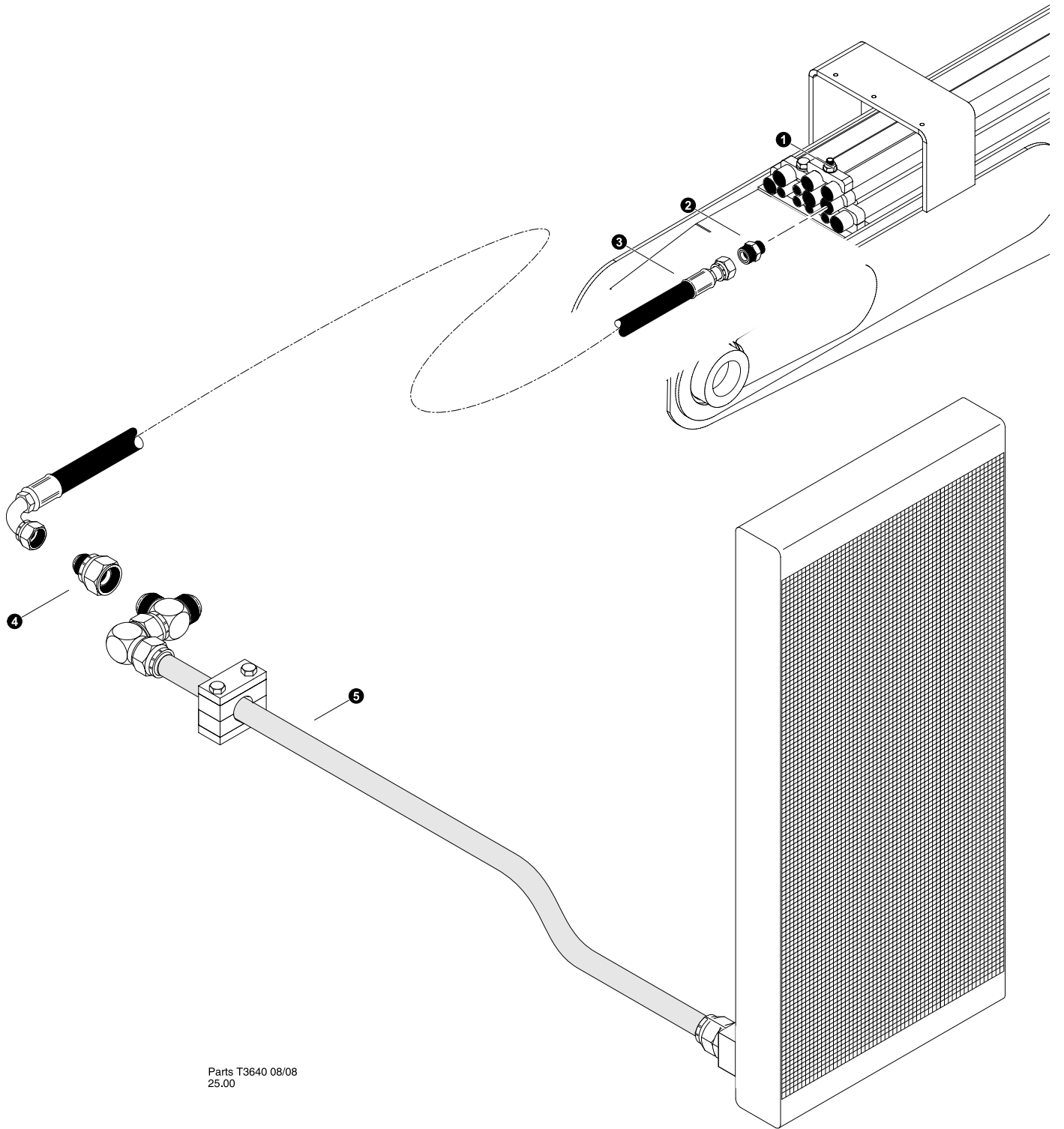


Parts T3452 05/19/2006
25.00

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



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-2
2	15377-FH	2	O-RING - 1" SF	
3	51807-FH	1	MANIFOLD, COMBINED FLOW - VOAC COMBO	
4	15225-FH	2	CONNECTOR, STR - FF1852T-1616S	
5	-FH	1	HOSE ASSEMBLY - 4046-16-160S-160S (<i>Combined flow block to Main Boom</i>)	
6	50117-FH	8	BOLT, ALLEN HEAD - 10MM-1.5P X 75MM	
7	15372-FH	1	ELBOW, 90 - FF1868T-0812S	
8	-FH	1	HOSE ASSEMBLY - 4023-08-080S-080S (<i>L90 processor valve to combined flow block</i>)	
9	19091-FH	1	CONNECTOR, STR LONG - 848L-TTO-08X08	
10	19290-FH	1	BUSHING, REDUCER - 6410-10-8	
11	15225-FH	2	CONNECTOR, STR - FF1852T-1616S	
12	REF.	1	 MAIN BOOM ASSEMBLY	FB-1


 See referenced page for component or assembly breakdown.

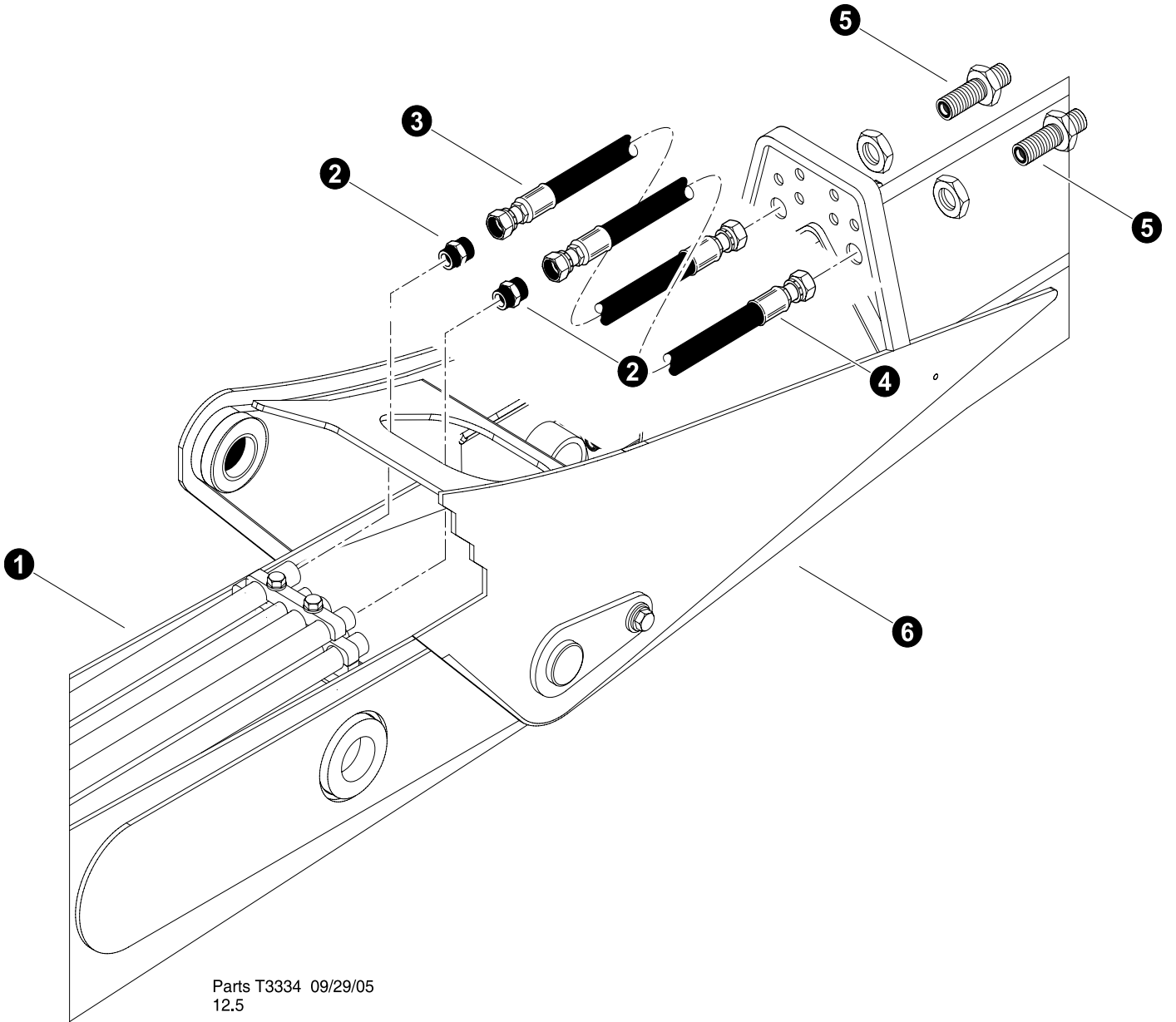


Parts T3640 08/08
25.00



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

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	15225-FH	2	CONNECTOR, STR - FF1852T-1616S	
3	-FH	1	HOSE ASSEMBLY - 2076-16-160S-1604 (<i>Attachment Return to Return Tube</i>)	
4	53182-FH	1	FITTING, REDUCER TUBE END - 24-16	
5	REF.	1	 RETURN OIL TUBE.....	FH-2

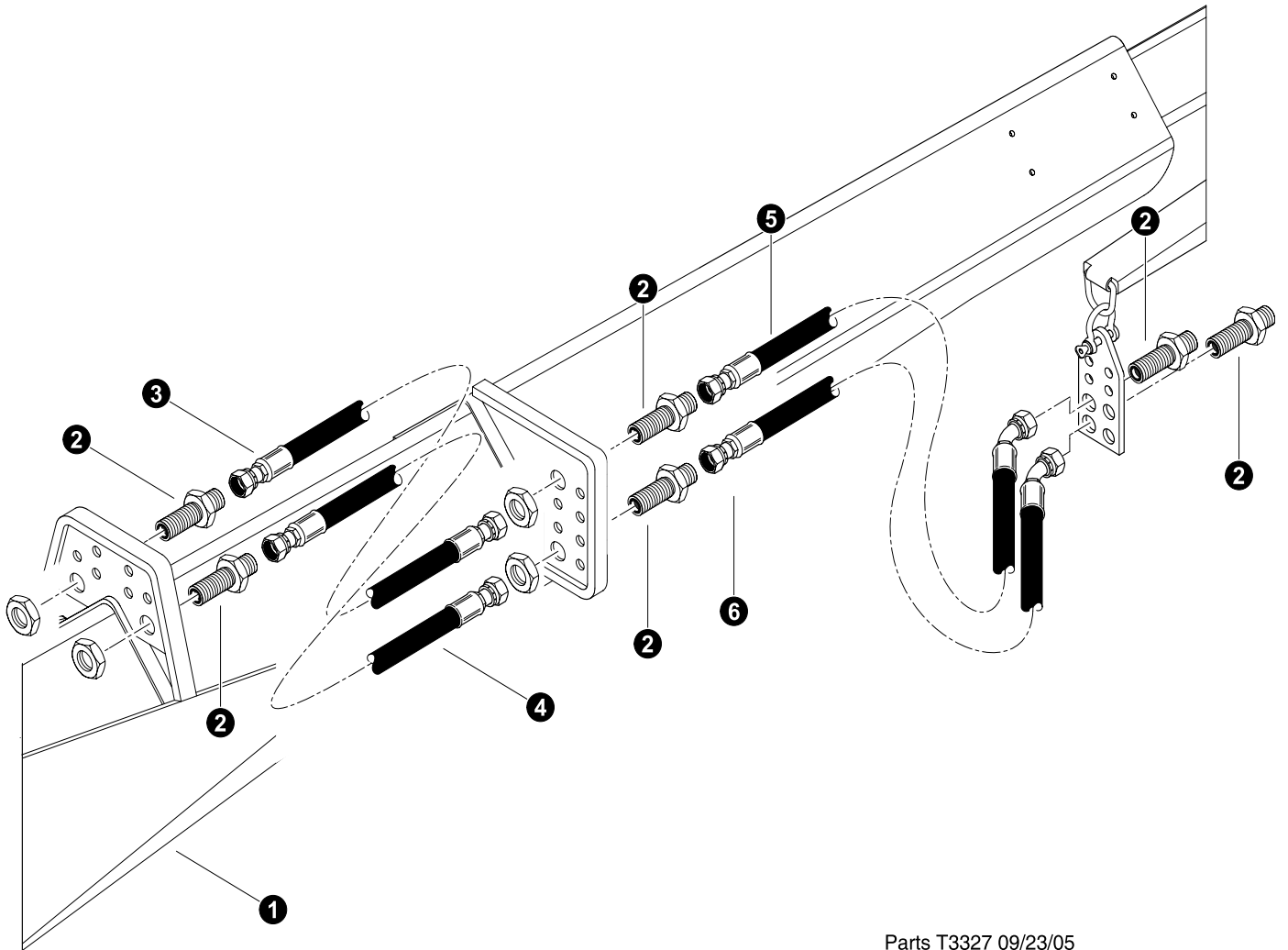
 See referenced page for component or assembly breakdown.



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	FB-1
2	15225-FH	2	CONNECTOR, STR - FF1852T-1616S	
3	-FH	1	HOSE ASSEMBLY - 4049-08-160S-160S (<i>Main Boom tube line to Squirt Boom</i>)	
4	-FH	1	HOSE ASSEMBLY - 4049-08-160S-160S (<i>Main Boom tube line to Squirt Boom</i>)	
5	20033-FH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
6	REF.	1	 SQUIRT BOOM ASSEMBLY	FB-1


 See referenced page for component or assembly breakdown.

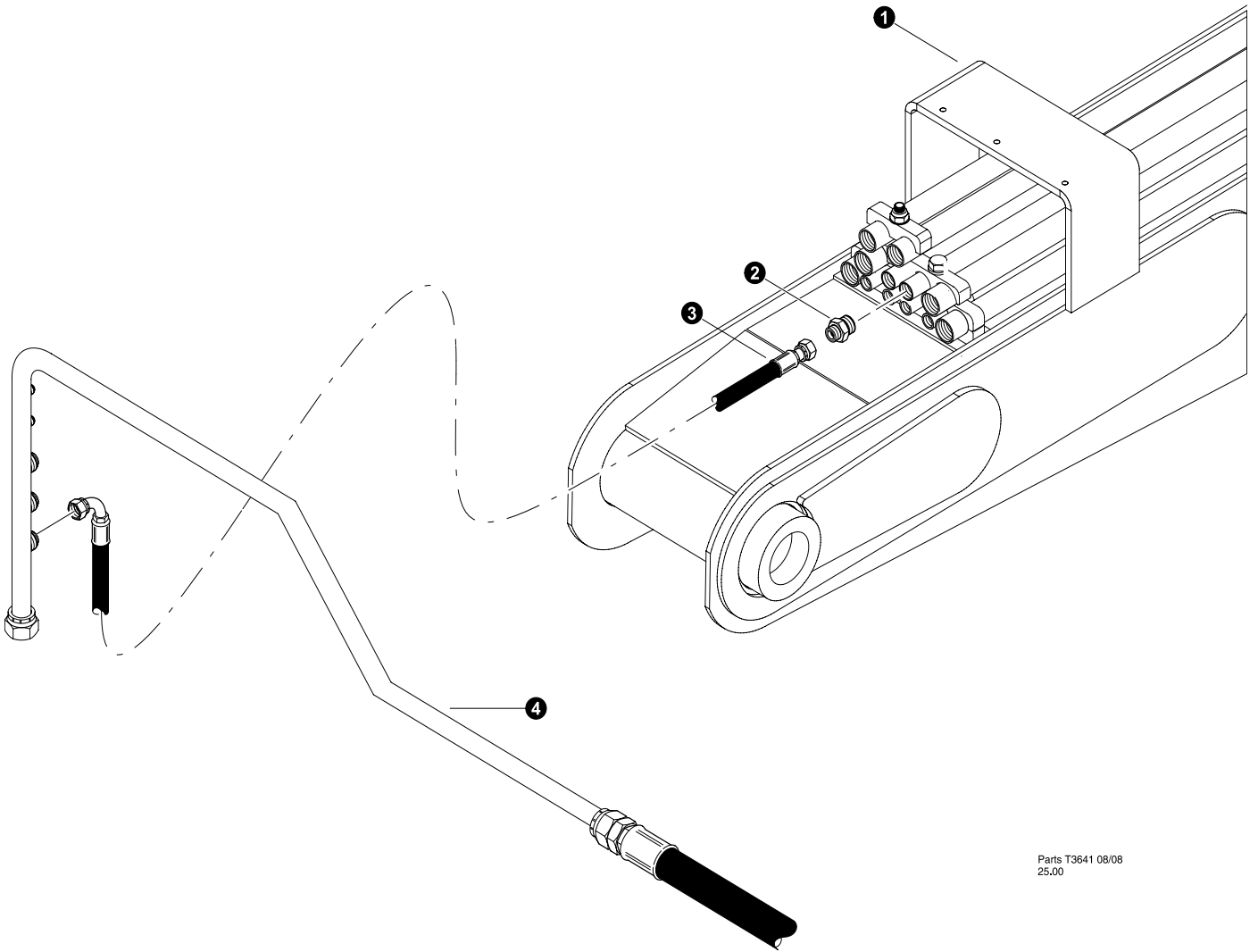


Parts T3327 09/23/05
12.5

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



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SQUIRT BOOM ASSEMBLY	FB-1
2	20033-FH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
3	-FH	1	HOSE ASSEMBLY - 4039.5-16-160S-160S (<i>Squirt Boom Pressure Hose</i>)	
4	-FH	1	HOSE ASSEMBLY - 4038-16-160S-160S (<i>Squirt Boom Return Hose</i>)	
5	-FH	1	HOSE ASSEMBLY - 4106-16-160S-1604 (<i>Squirt Boom Pressure Hose</i>)	
6	-FH	1	HOSE ASSEMBLY - 4110-16-160S-1604 (<i>Squirt Boom Return Hose</i>)	


 See referenced page for component or assembly breakdown.

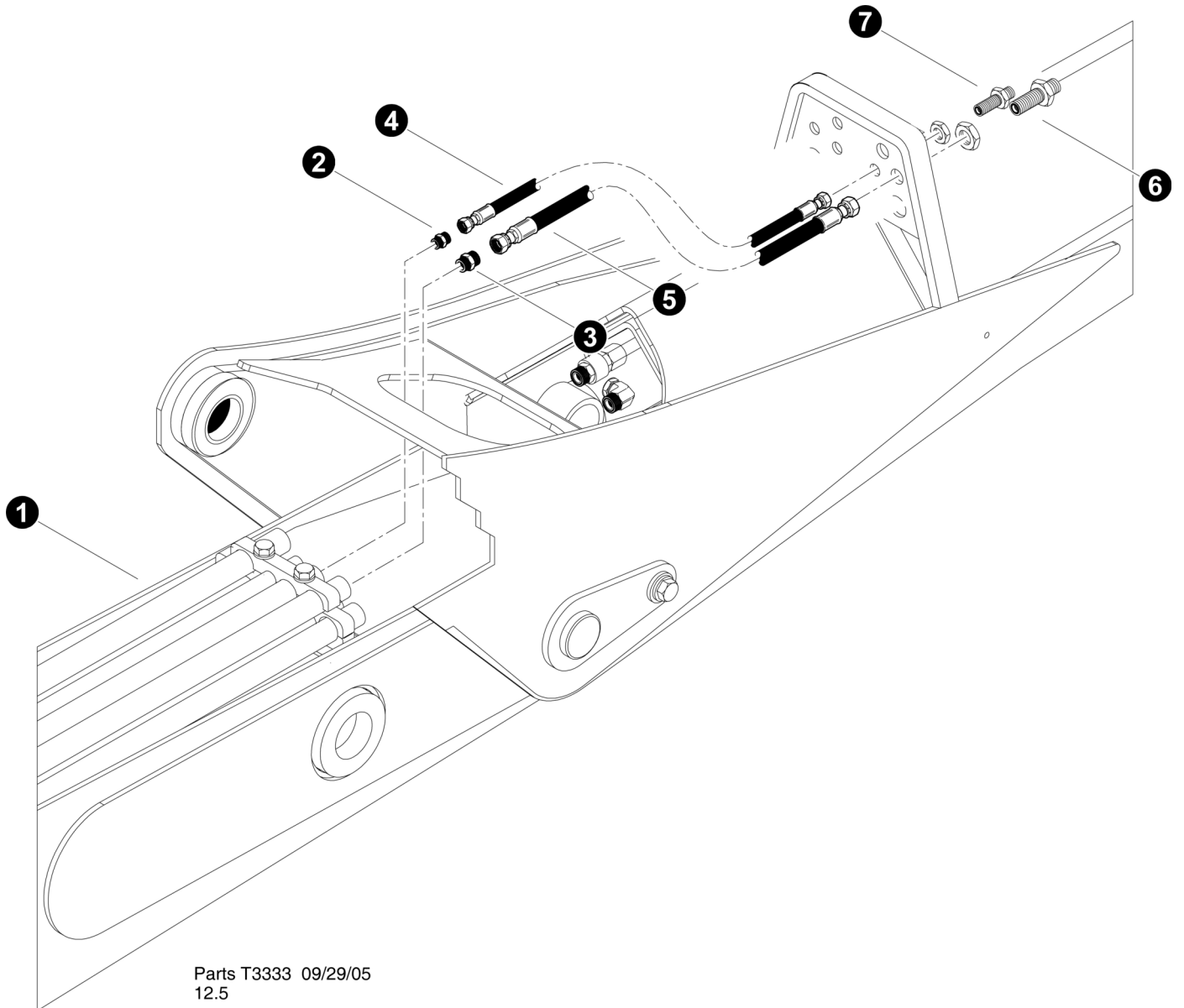


Parts T3641 08/08
25.00


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

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	15238-FH	1	CONNECTOR, STR - FF1852T-0812S	
3	-FH	1	HOSE ASSEMBLY - 2072-08-080S-08J9 (<i>Main Boom tube line to Case Drain Tube</i>)	
4	REF.	1	 CASE DRAIN TUBE	FH-2

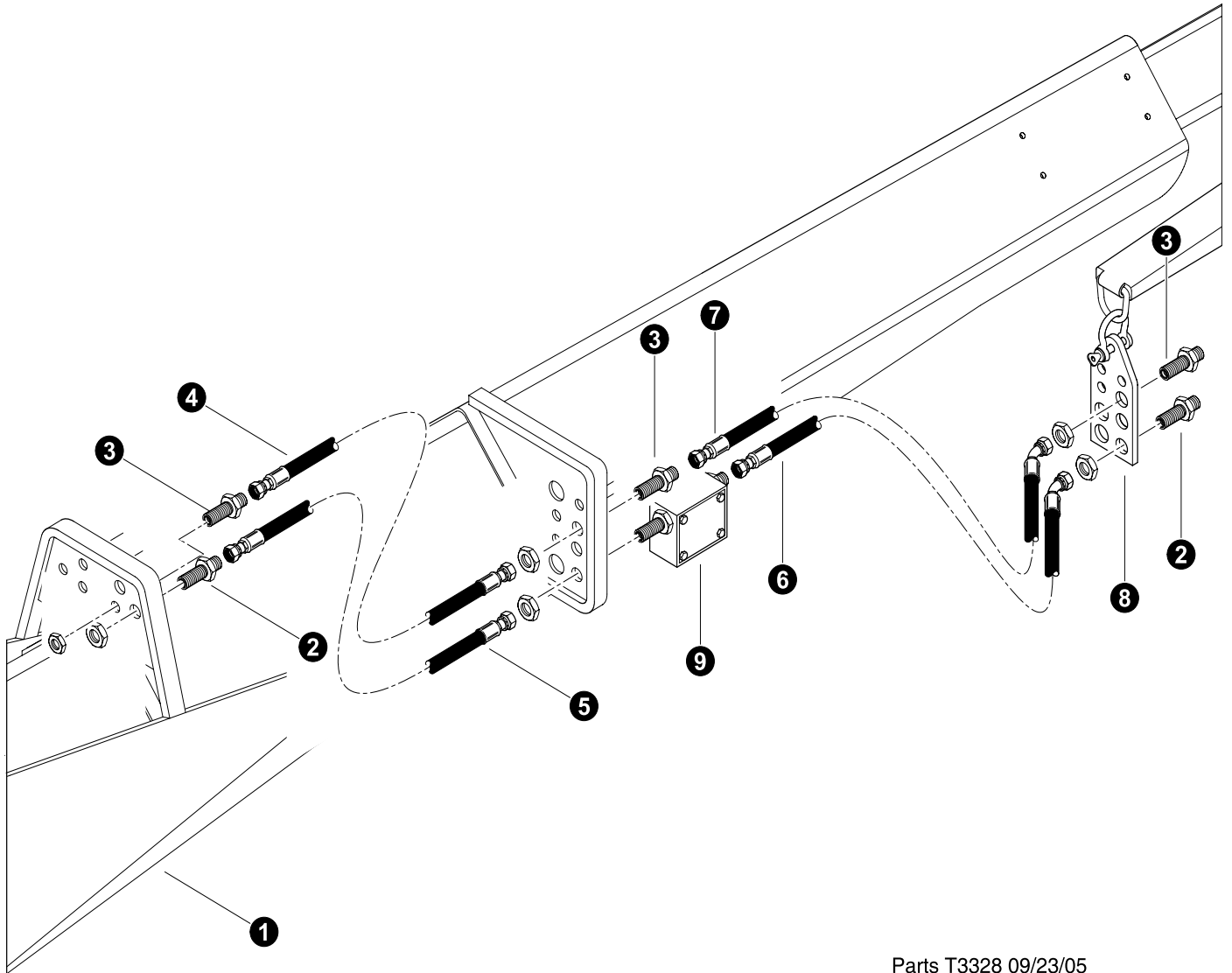
 See referenced page for component or assembly breakdown.



**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	FB-1
2	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
3	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
4	-FH	1	HOSE ASSEMBLY - 4049-12-120S-120S (<i>Case Drain Main Boom tube line to Squirt Boom</i>)	
5	-FH	1	HOSE ASSEMBLY - 2049-12-120S-120S (<i>Wire tube line to Squirt Boom</i>)	
6	19754-FH	1	CONNECTOR, STR BULKHEAD - 12 WLO-WLNL-S	
7	19754-FH	1	CONNECTOR, STR BULKHEAD - 12 WLO-WLNL-S	

 See referenced page for component or assembly breakdown.

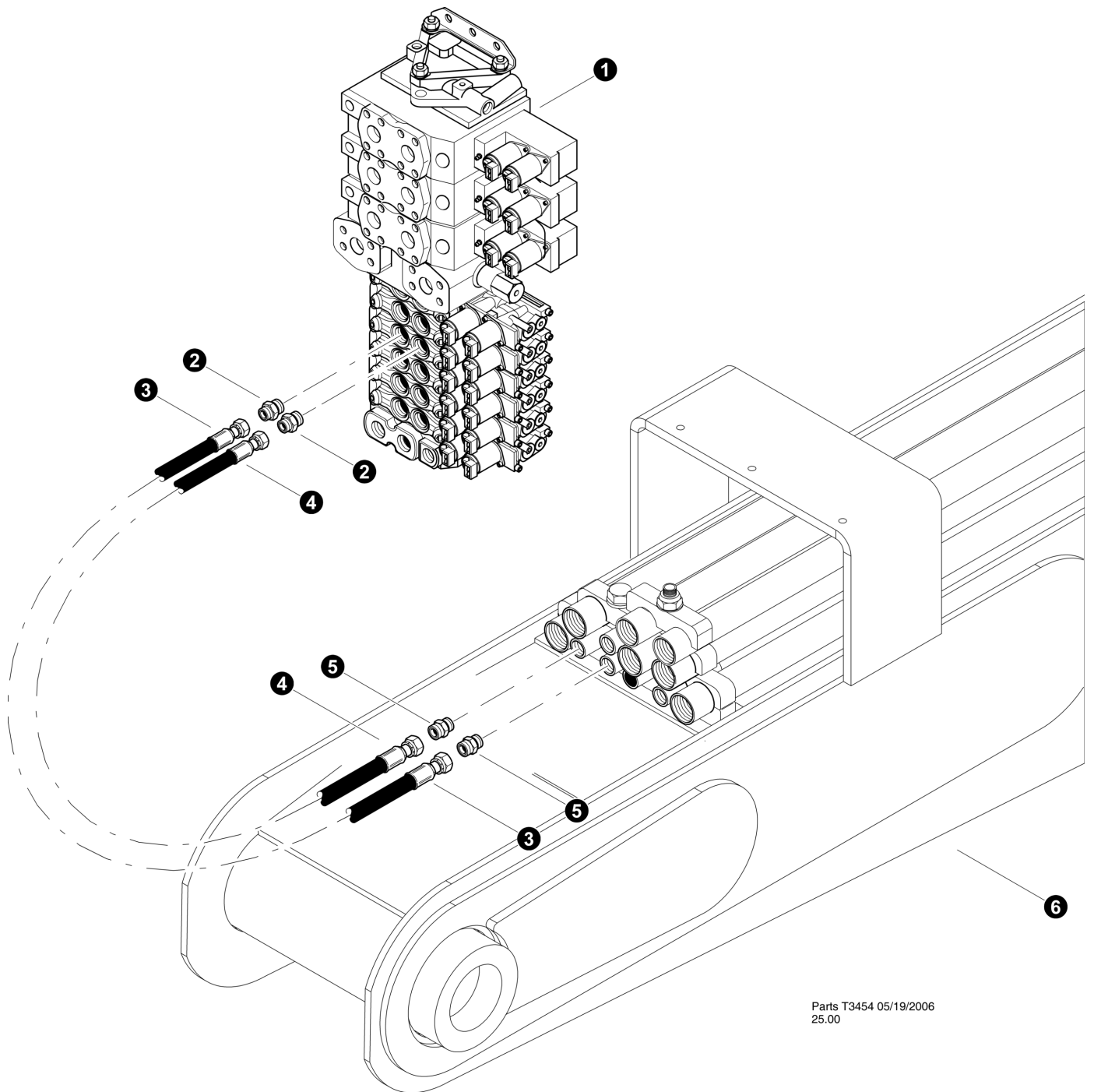


Parts T3328 09/23/05
12.5

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



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SQUIRT BOOM ASSEMBLY	FB-1
2	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
3	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
4	-FH	1	HOSE ASSEMBLY - 4038.5-12-120S-120S (<i>Squirt Boom Case Drain Hose</i>)	
5	-FH	1	HOSE ASSEMBLY - 4038-12-120S-120S (<i>Squirt Boom Wire Hose</i>)	
6	-FH	1	HOSE ASSEMBLY - 4102-12-120S-1204 (<i>Squirt Boom Wire Hose</i>)	
7	-FH	1	HOSE ASSEMBLY - 4110-12-120S-1204 (<i>Squirt Boom Case Drain Hose</i>)	
8	21065-FH	1	PLATE, bulkhead stinger	
9	52613-FH	1	BOX JUNCTION -ELECTRICAL CONN- HARVESTER	

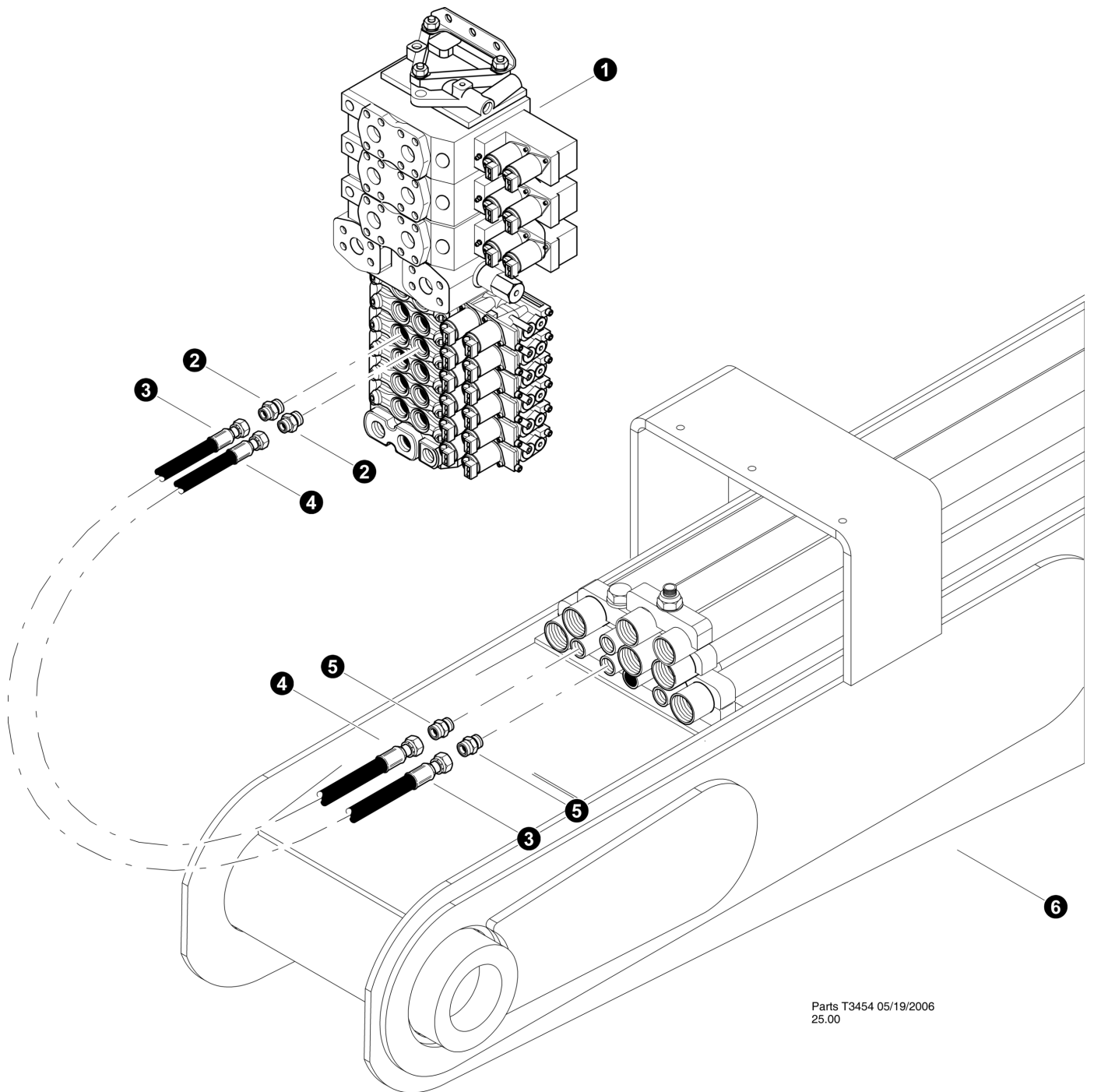
 See referenced page for component or assembly breakdown.



Parts T3454 05/19/2006
25.00



HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom - Head Rotate Connections)
TN725B-0025-041309 and Before

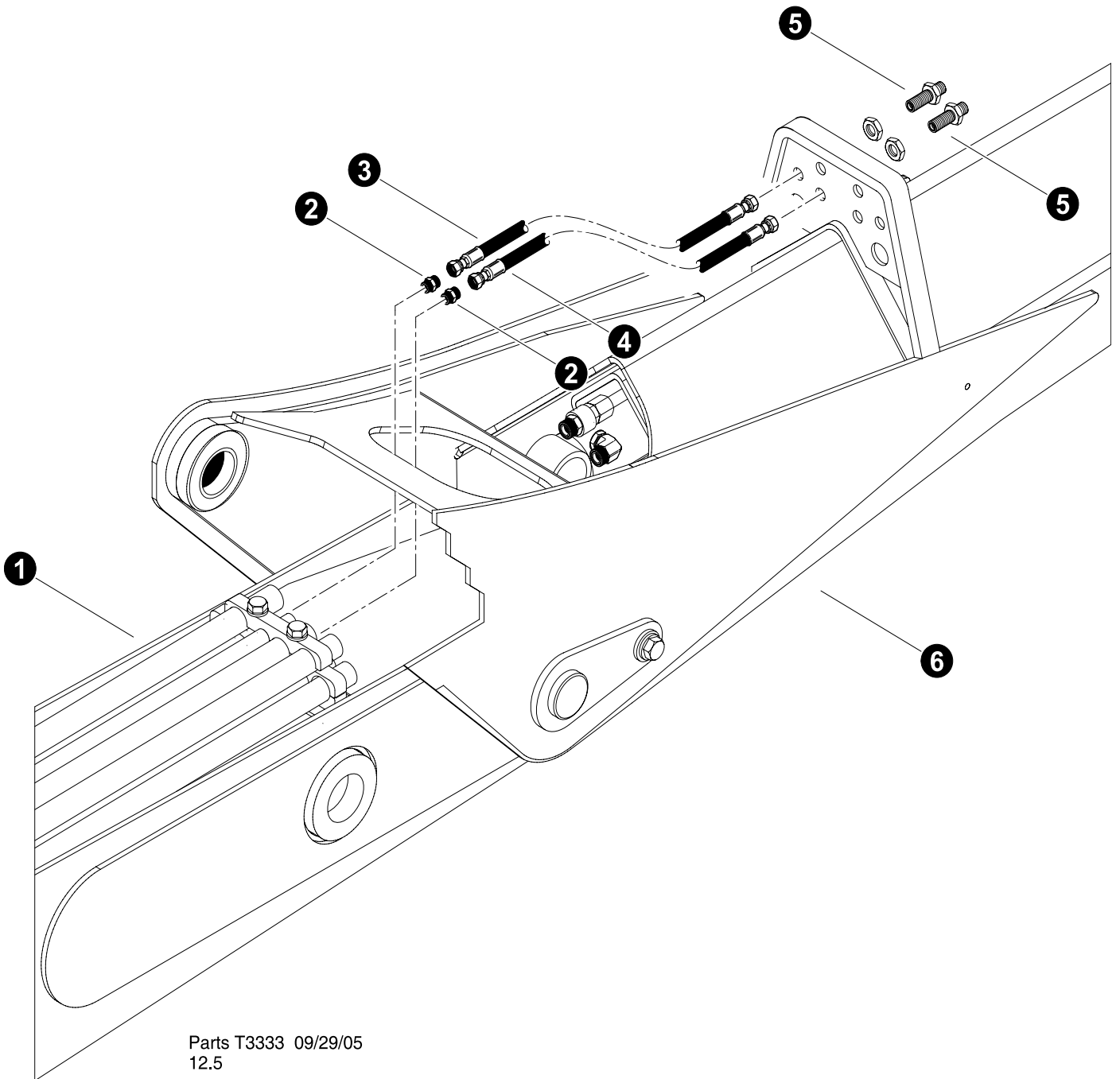
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-2
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FB	1	HOSE ASSEMBLY - 4057-08-080S-080S (<i>Rotate valve section work port "A" to main boom left inside tube line</i>)	
4	-FB	1	HOSE ASSEMBLY - 4056-08-080S-080S (<i>Rotate valve section work port "B" to main boom left outside tube line</i>)	
5	15117-FH	2	CONNECTOR, STR - FF1852T-0808S	
6	REF.	1	 MAIN BOOM ASSEMBLY	FB-1





Parts T3454 05/19/2006
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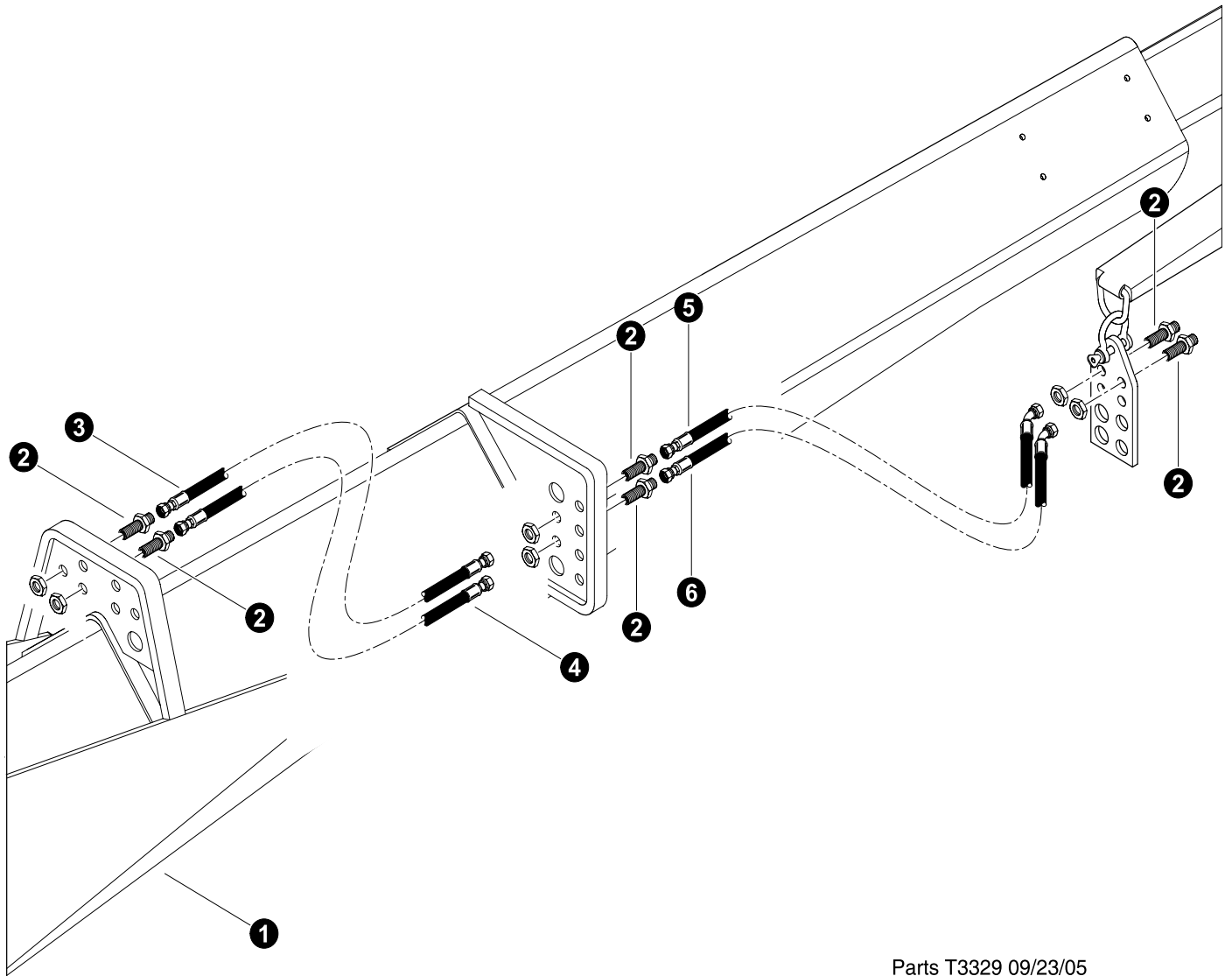
HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom - Head Rotate Connections)
TL725B-0026-051909 and after

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-2
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FB	1	HOSE ASSEMBLY - 4060-08-080S-080S (<i>Rotate valve section work port "A" to main boom left inside tube line</i>)	
4	-FB	1	HOSE ASSEMBLY - 4063-08-080S-080S (<i>Rotate valve section work port "B" to main boom left outside tube line</i>)	
5	15117-FH	2	CONNECTOR, STR - FF1852T-0808S	
6	REF.	1	 MAIN BOOM ASSEMBLY	FB-1




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

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



Parts T3329 09/23/05
12.5

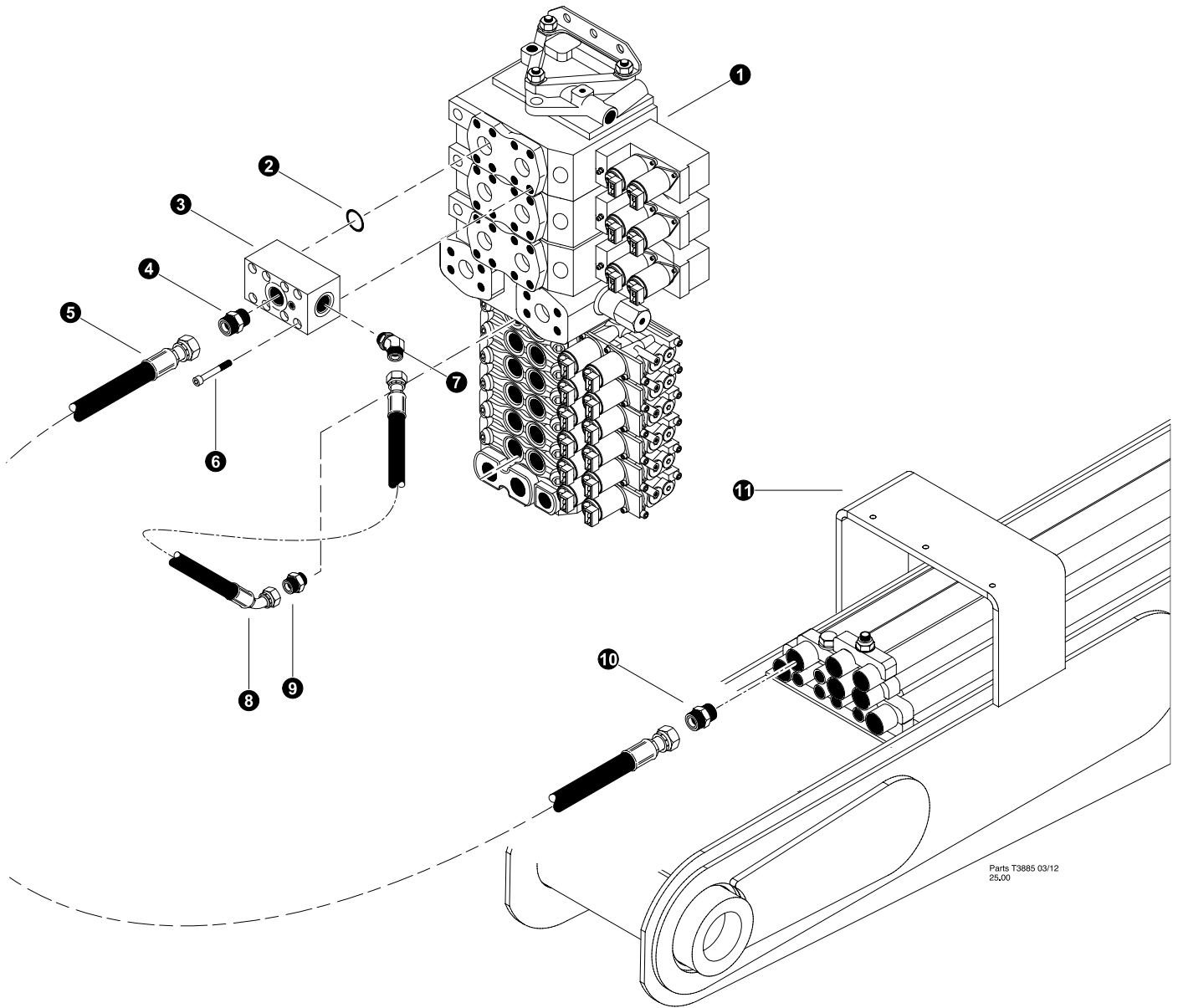
HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Squirt Boom - Head Rotate Connections)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SQUIRT BOOM ASSEMBLY	FB-1
2	20196-FH	2	CONNECTOR, STR BULKHEAD - FF1994T-0808S	
3	-FH	1	HOSE ASSEMBLY - 4040-08-080S-080S (<i>Squirt Boom Rotate Hose</i>)	
4	-FH	1	HOSE ASSEMBLY - 4040.5-08-080S-080S (<i>Squirt Boom Rotate Hose</i>)	
5	-FH	1	HOSE ASSEMBLY - 4110-08-080S-0804 (<i>Squirt Boom Rotate Hose</i>)	
6	-FH	1	HOSE ASSEMBLY - 4110-08-080S-0804 (<i>Squirt Boom Rotate Hose</i>)	

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Section FH-7

Feller Buncher Hydraulics - Implement Function Connections - Rolly II

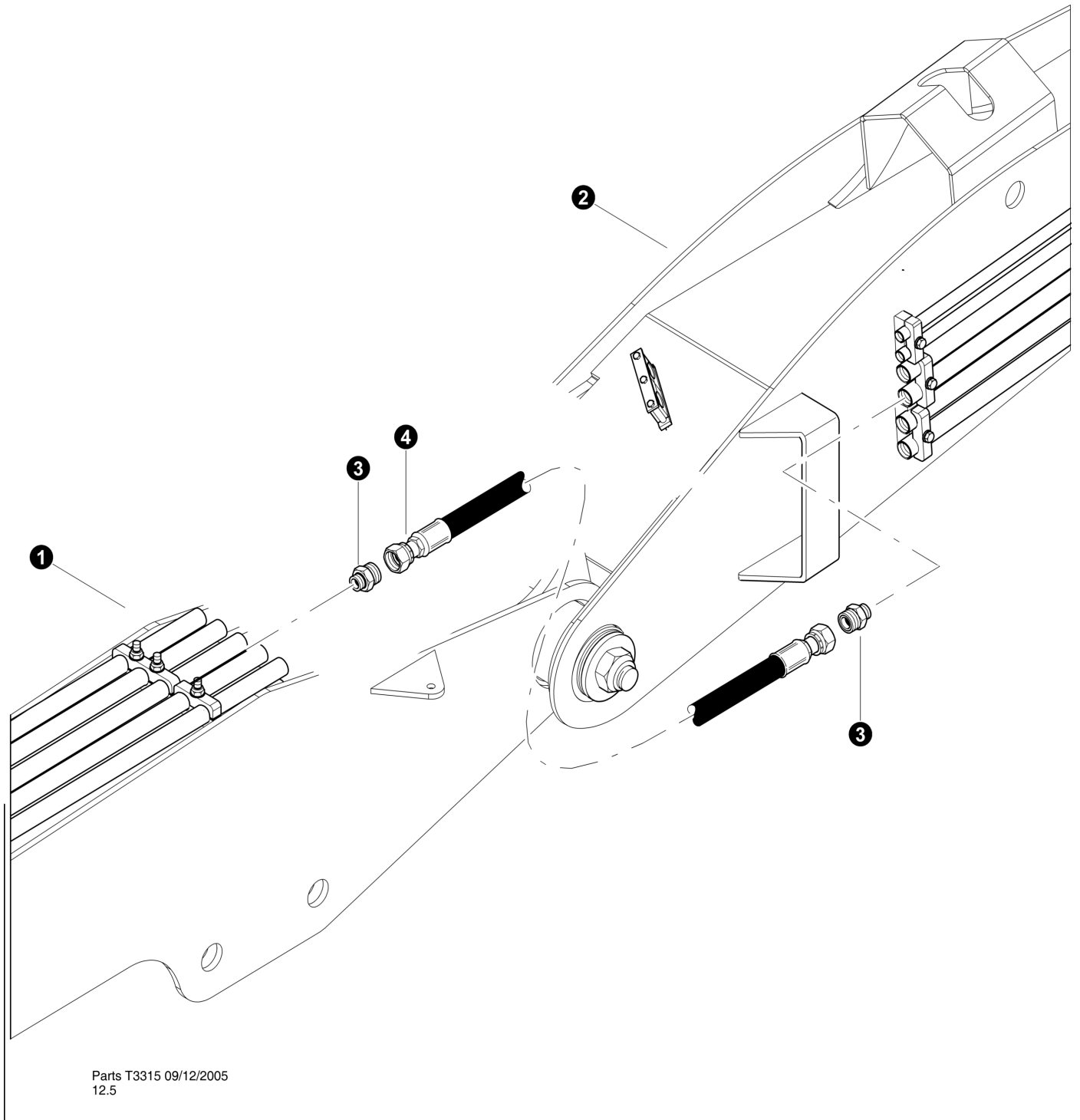


Parts T3885 03/12
25.00



HARVESTER ATTACHMENT PRESSURE (Valve to Main Boom)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	LH-2
2	15377-LH	2	O-RING - 1" SF	
3	51807-LH	1	MANIFOLD, COMBINED FLOW - VOAC COMBO	
4	17063-FH	1	CONNECTOR, STR - FF1852T-2016S	
5	-FH	1	HOSE ASSEMBLY - 4046-20-200S-200S	
6	50117-LH	8	BOLT, ALLEN HEAD - 10MM-1.5P X 75MM	
7	19127-LH	1	ELBOW, 45 - 1212	
8	-LH	1	HOSE ASSEMBLY - 4034-12-120S-1204 (<i>L90 processor valve to combined flow block</i>)	
9	16851LH	1	CONNECTOR, STR 12-10	
10	17063-FH	2	CONNECTOR, STR - FF1852T-2016S	
11	REF.	1	 MAIN BOOM ASSEMBLY	LB-1

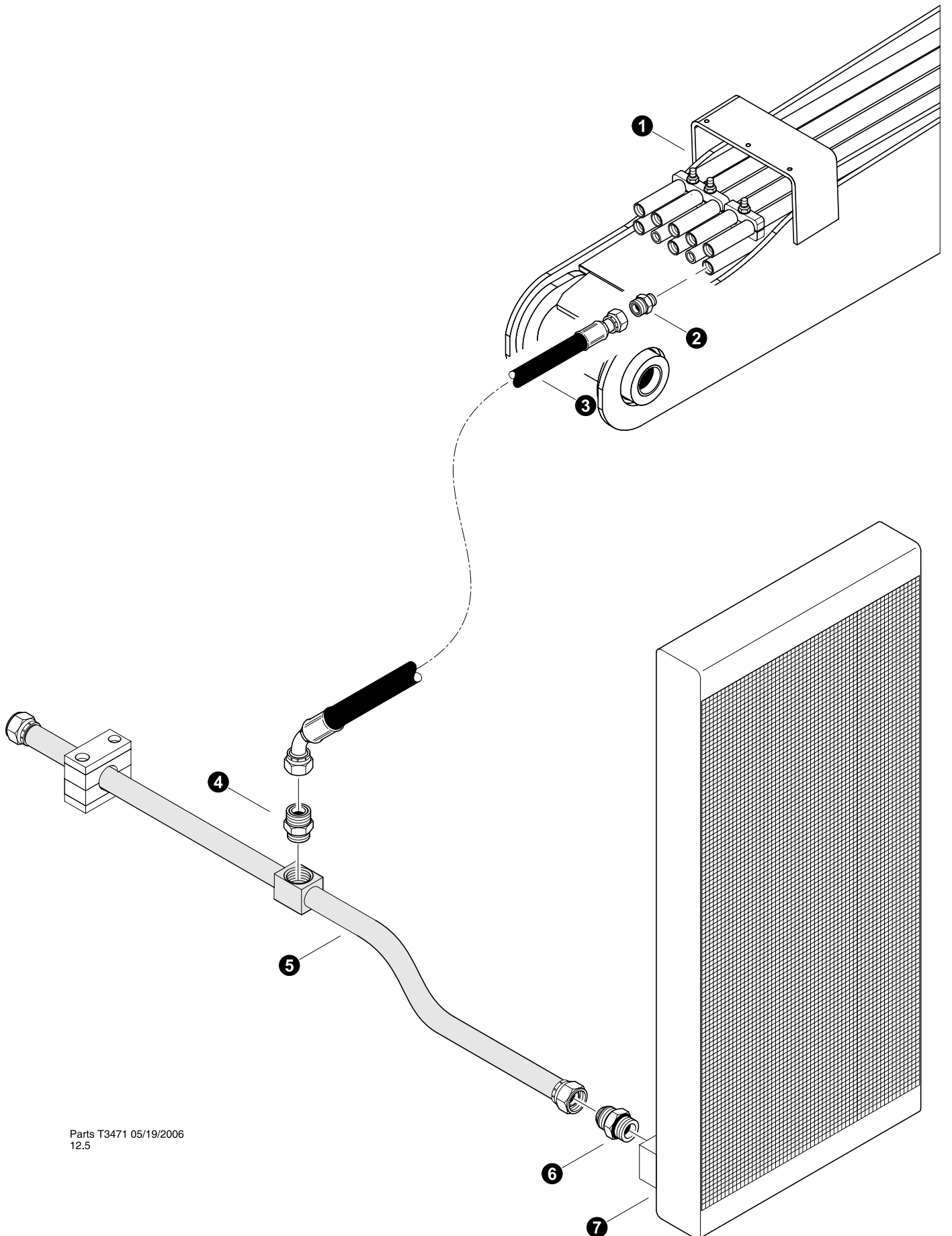
 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT PRESSURE (Main Boom to Stick Boom)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	REF.	1	 STICK BOOM ASSEMBLY	HB-1
3	17063-FH	2	CONNECTOR, STR - FF1852T-2016S	
4	-FH	1	HOSE ASSEMBLY - 4075-20-200S-200S (<i>Main Boom to Stick Cyl</i>)	

 See referenced page for component or assembly breakdown.

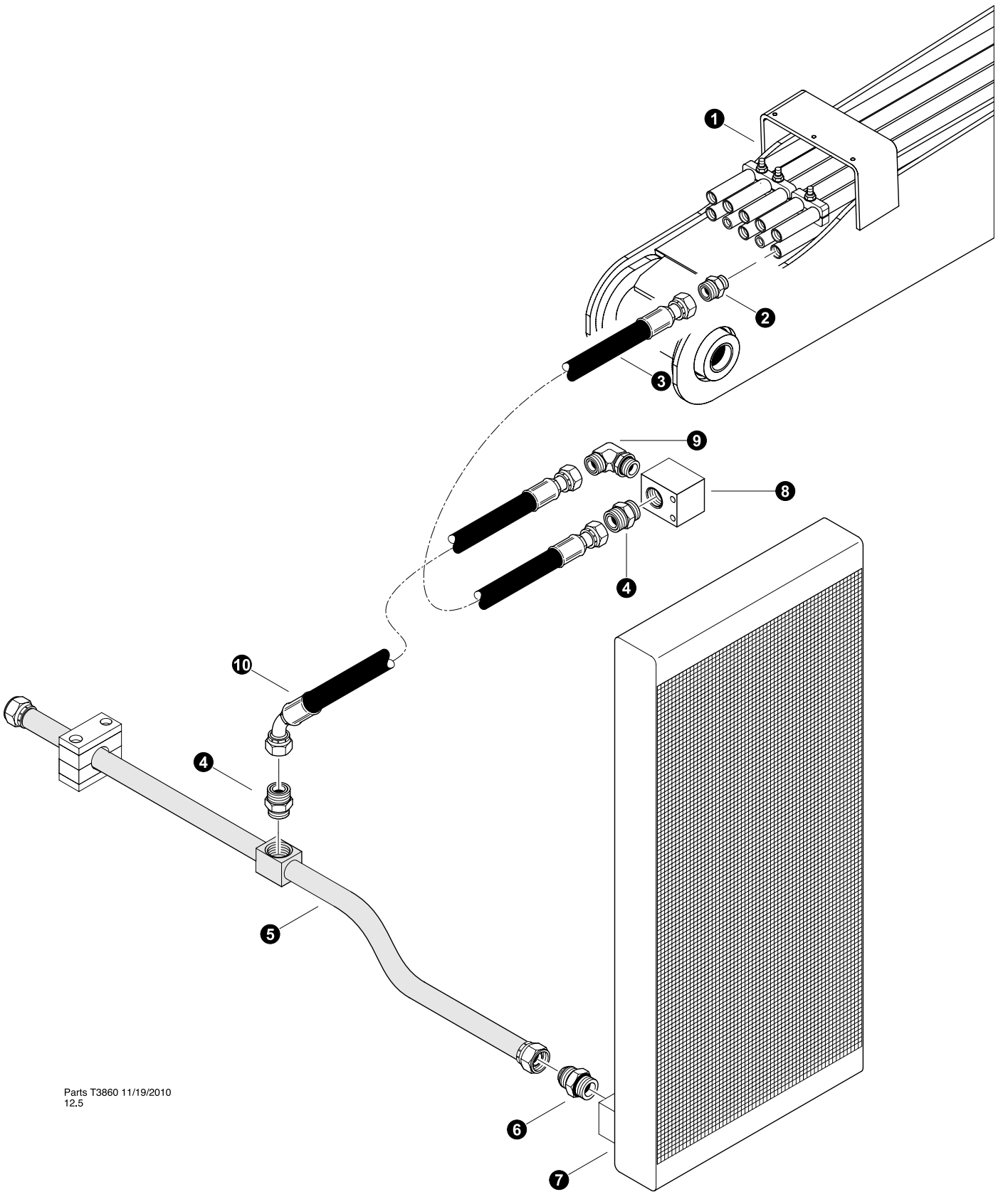


Parts T3471 05/19/2006
12.5

HARVESTER ATTACHMENT RETURN (Oil Cooler to Main Boom) Before 2010




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	16542-FH	1	CONNECTOR, STR - FF1852T-1620S	
3	-LH	1	HOSE ASSEMBLY - 2055-20-200S-2004 (<i>Attachment Return to Return Tube</i>)	
4	18474-LH	1	ELBOW, 90 - 849-TT-20	
5	52384-LH	1	 TUBELINE, OIL COOLER RETURN - KIT	
6	-LH	1	CONNECTOR, STR #24 with seal	
7	REF.	1	 OIL COOLER ASSEMBLY	UP-3

 See referenced page for component or assembly breakdown.

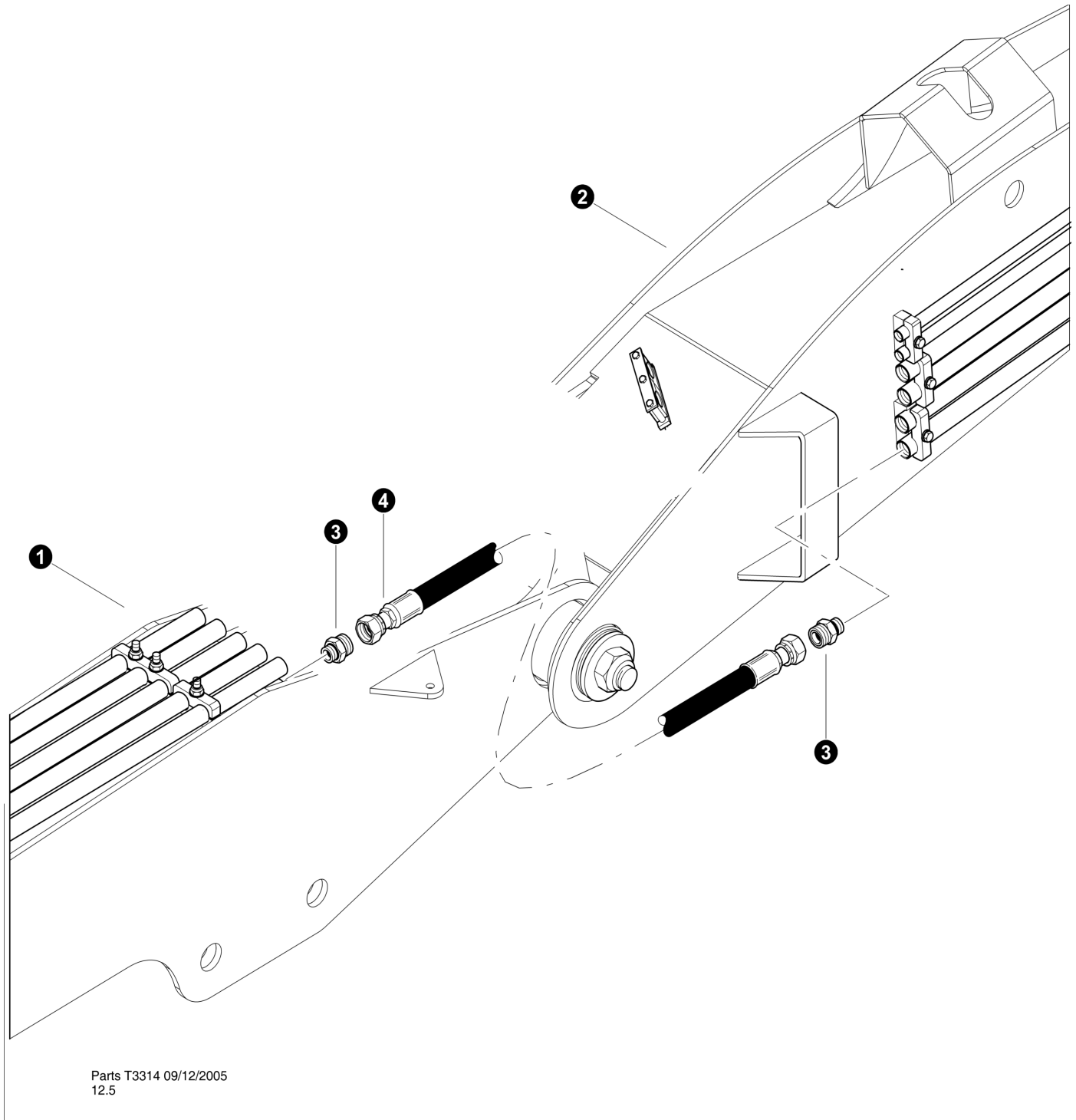


Parts T3860 11/19/2010
12.5



HARVESTER ATTACHMENT RETURN (Oil Cooler to Main Boom) 2010 and Newer


REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		MAIN BOOM ASSEMBLY	HB-1
2	16542-FH	1		CONNECTOR, STR - FF1852T-1620S	
3	-LH	1		HOSE ASSEMBLY - 2040-20-200S-200S (<i>Attachment Return to Block</i>)	
4	18474-LH	1		ELBOW, 90 - 849-TT-20	
5	52384-LH	1		TUBELINE, OIL COOLER RETURN - KIT	
6	-LH	1		CONNECTOR, STR #24 with seal	
7	REF.	1		OIL COOLER ASSEMBLY	UP-3
8	53198-FH	1		MANIFOLD, RETURN BLOCK	
9	17055-FH	1		ELBOW, 90 - FF1868T-2020S	
10	-FH	1		HOSE ASSEMBLY - 2028.5-20-200S-2004 (<i>Return Block to Return Tube</i>)	

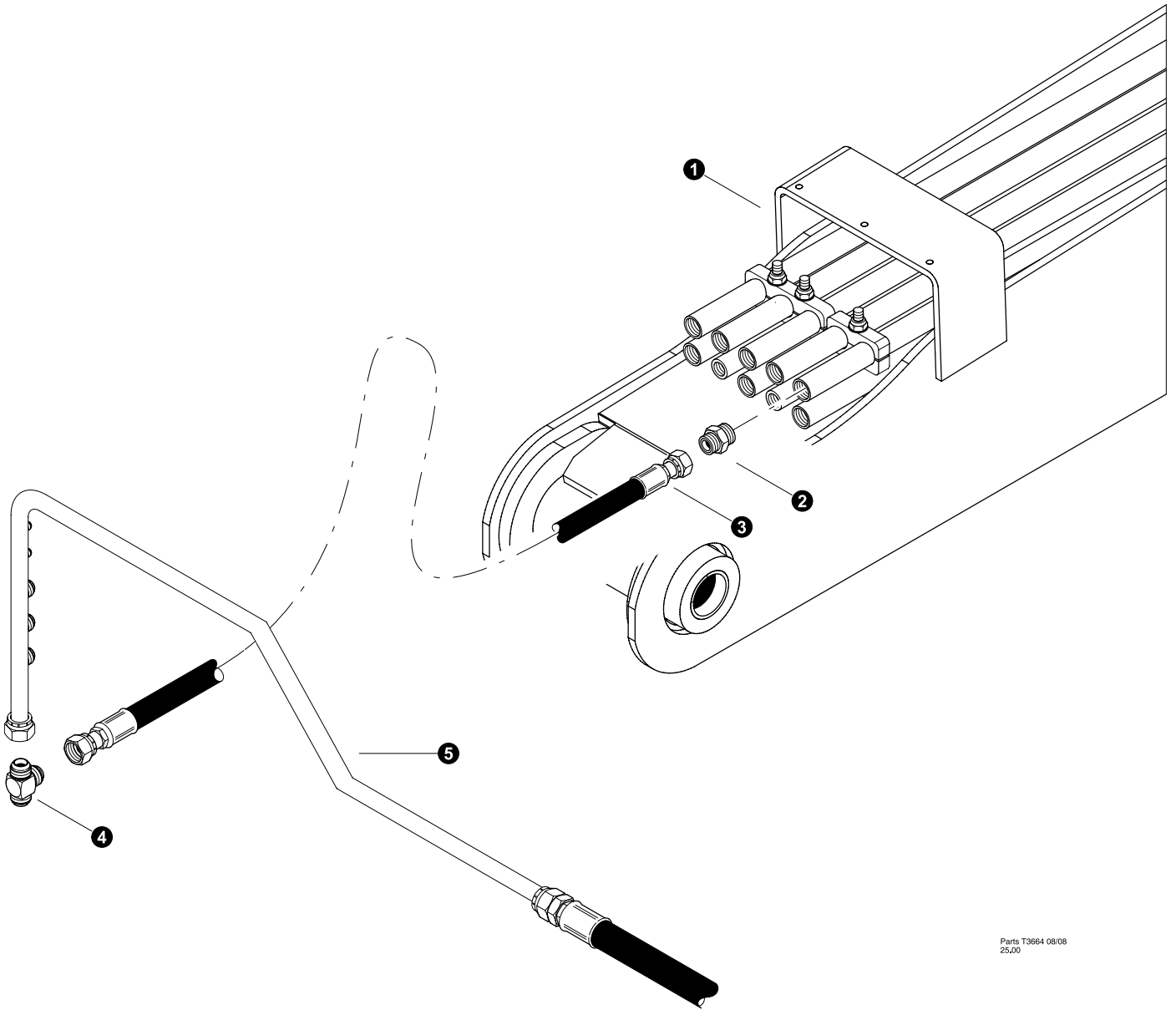
 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT RETURN (Main Boom to Stick Boom)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	REF.	1	 STICK BOOM ASSEMBLY	HB-1
3	16542-FH	2	CONNECTOR, STR - FF1852T-1620S	
4	-FH	1	HOSE ASSEMBLY - 4073-20-200S-200S (<i>Main Boom to Stick Cyl</i>)	


 See referenced page for component or assembly breakdown.

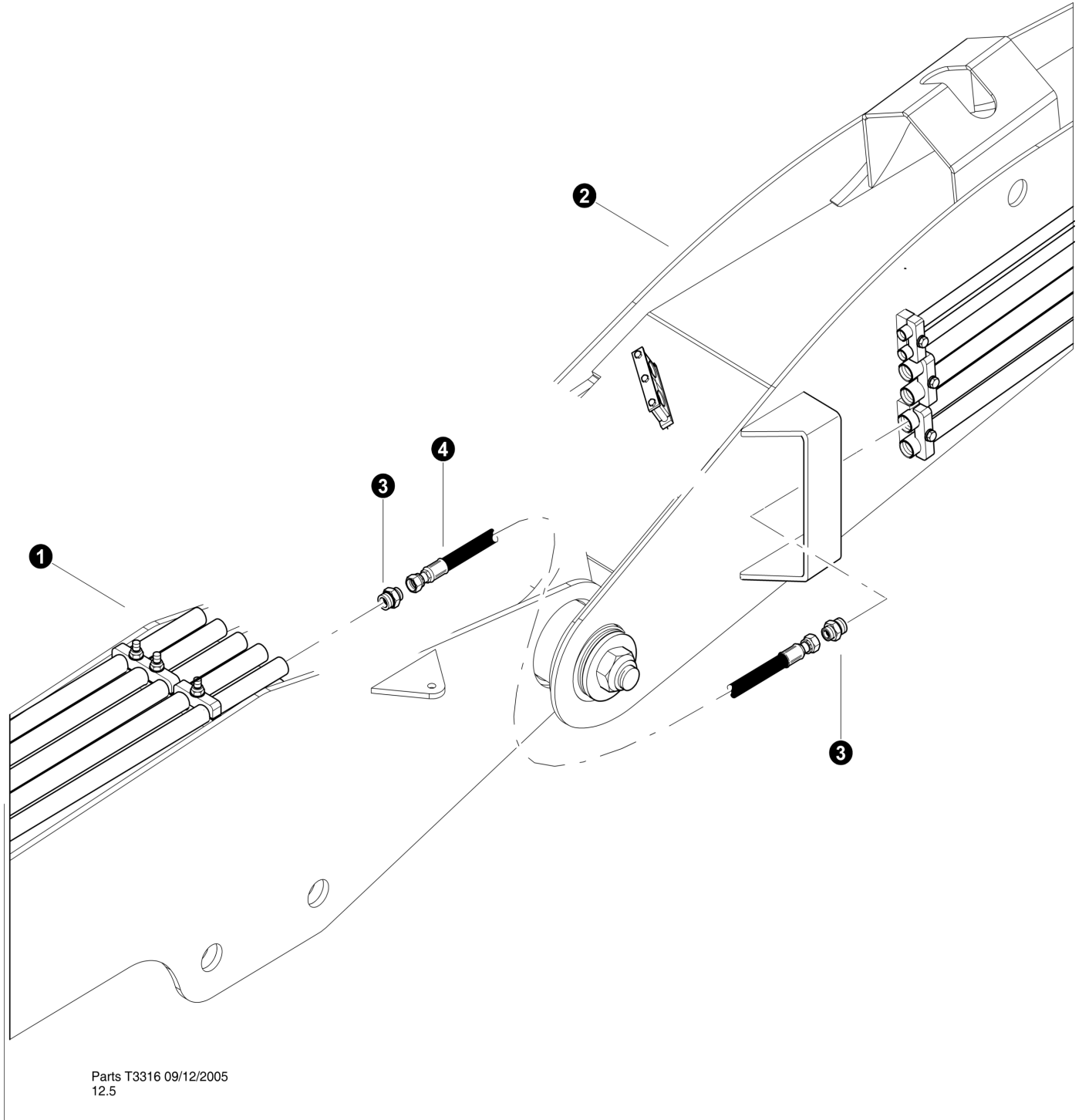


Parts T3664 08/08
25.00



HARVESTER ATTACHMENT CASE DRAIN (Oil Tank to Main Boom)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	15226-FH	1	CONNECTOR, STR - FF1852T-1216S	
3	-FH	1	HOSE ASSEMBLY - 2059-12-120S-16FJ (<i>Main Boom tube line to Case Tube</i>)	
4	52970-FH	1	TEE, UNION - 16 JTXO	
5	REF.	1	 CASE DRAIN TUBE	FH-2

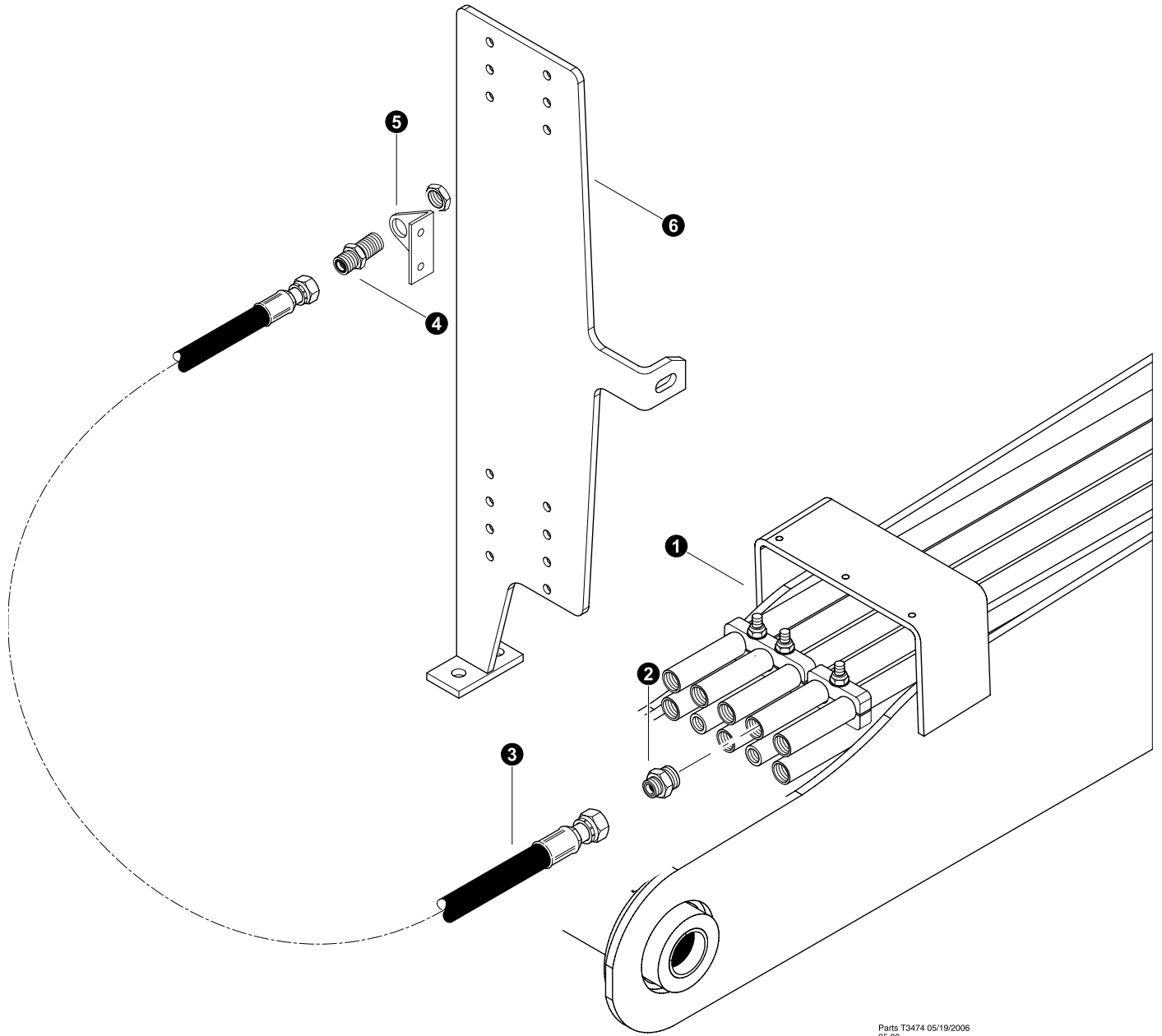
 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT CASE DRAIN (Main Boom to Stick Boom)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	REF.	1	 STICK BOOM ASSEMBLY	HB-1
3	15225-FH	2	CONNECTOR, STR - FF1852T-1616S	
4	-FH	1	HOSE ASSEMBLY - 4073.5-16-160S-160S (<i>Main Boom to Stick Cyl</i>)	

 See referenced page for component or assembly breakdown.

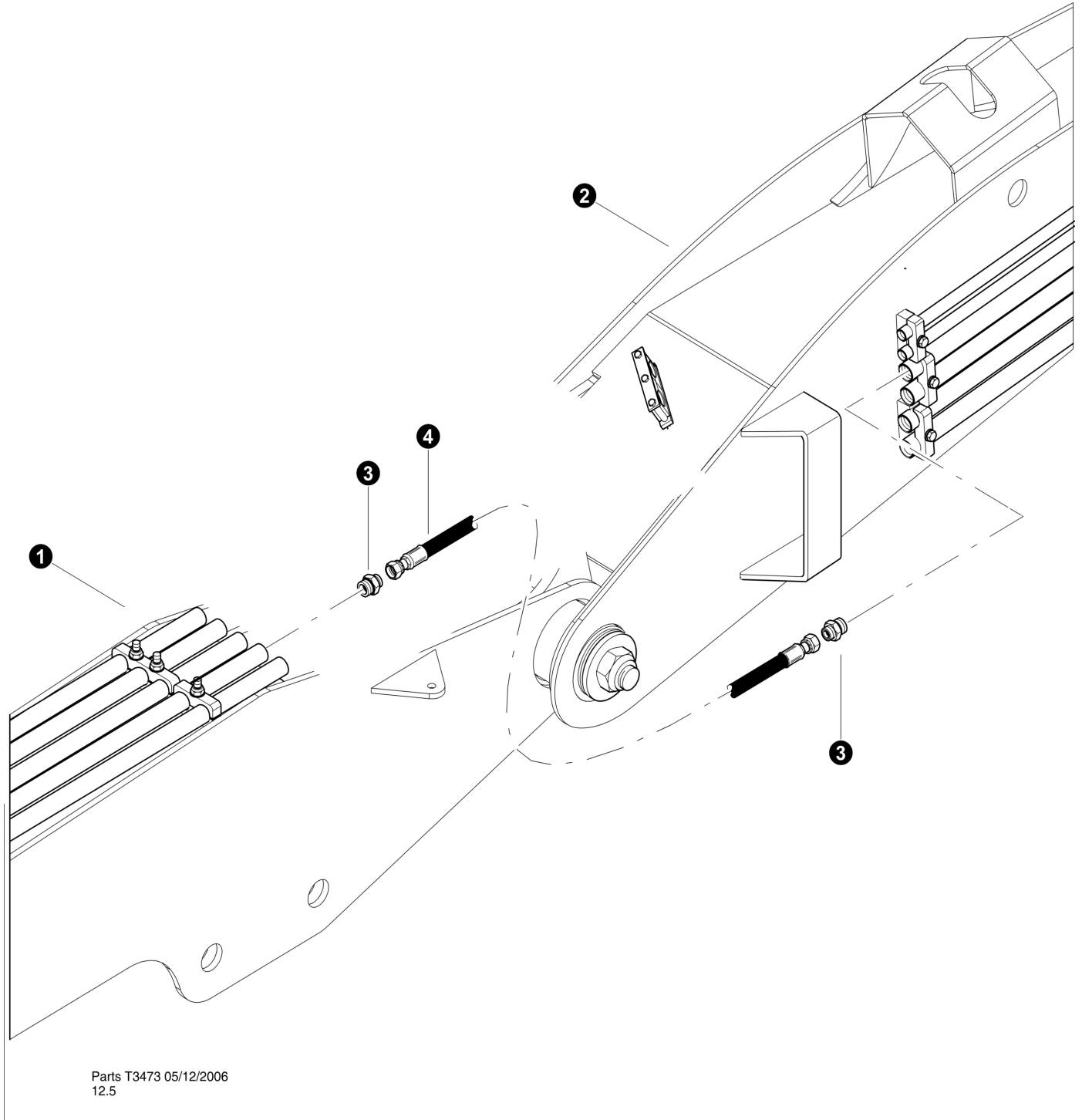


Parts T3474 05/19/2006
25.00



HARVESTER ATTACHMENT WIRE HOSE (Wire Hose Bracket to Main Boom)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	52866-FH	1	CONNECTOR, STR - 10-16 F50LO-S	
3	-FH	1	HOSE ASSEMBLY - 2066-10-100S-100S (<i>Main Boom tube line to Bulkhead</i>)	
4	50037-FH	1	CONNECTOR, STR BULKHEAD - 832-TT-10	
5	53053-FH	1	BRACKET, BULKHEAD - Rolly 2 wire	
6	REF	1	VALVE BRACKET	FH-1

 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT WIRE HOSE (Main Boom to Stick Boom)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	HB-1
2	REF.	1	 STICK BOOM ASSEMBLY	HB-1
3	52866-FH	2	CONNECTOR, STR - 10-16 F50LO-S	
4	-FH	1	HOSE ASSEMBLY - 4075.5-10-100S-100S (<i>Main Boom to Stick Cyl</i>)	

 See referenced page for component or assembly breakdown.

