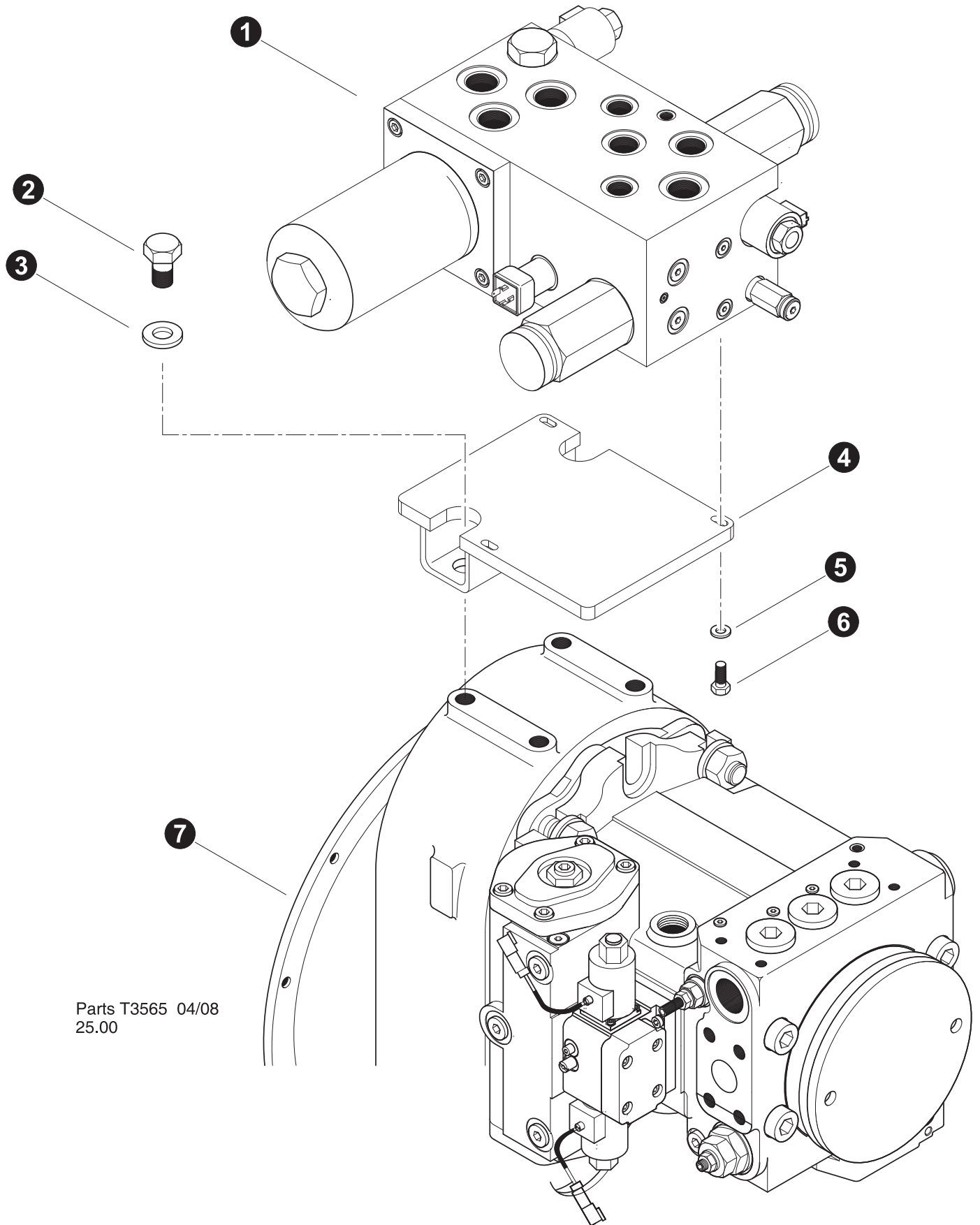


Section DH-1


Drive Hydraulics - Charge Pressure Circuit




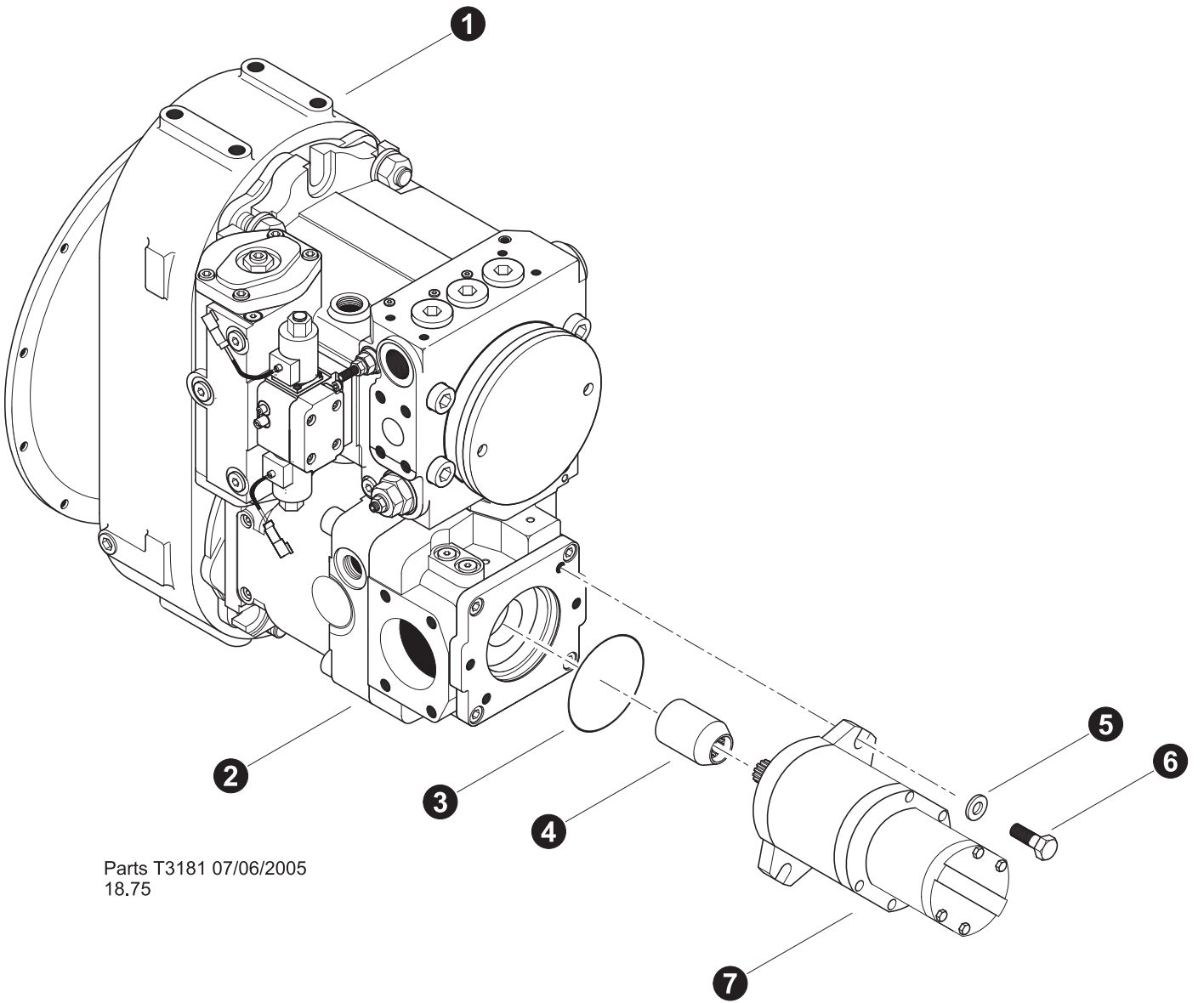
Parts T3565 04/08
25.00

CHARGE FILTER MANIFOLD INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL / CHARGE MANIFOLD	UP-3
2	24088-DH	2	BOLT - .5625" X 1.25"	
3	10771-DH	2	WASHER, SAE FLAT - .5/8"	
4	52961-DH	1	MOUNT, FAN/CHARGE VALVE	
5	10731-DH	3	WASHER, SAE FLAT - .5/8"	
6	10731-DH	3	BOLT - .375" X 1.5"	
7	REF	1	PUMP DRIVE TRANSMISSION.....	EE-4




 See referenced page for component or assembly breakdown.


 Kit or Assembly - includes all items indented underneath.

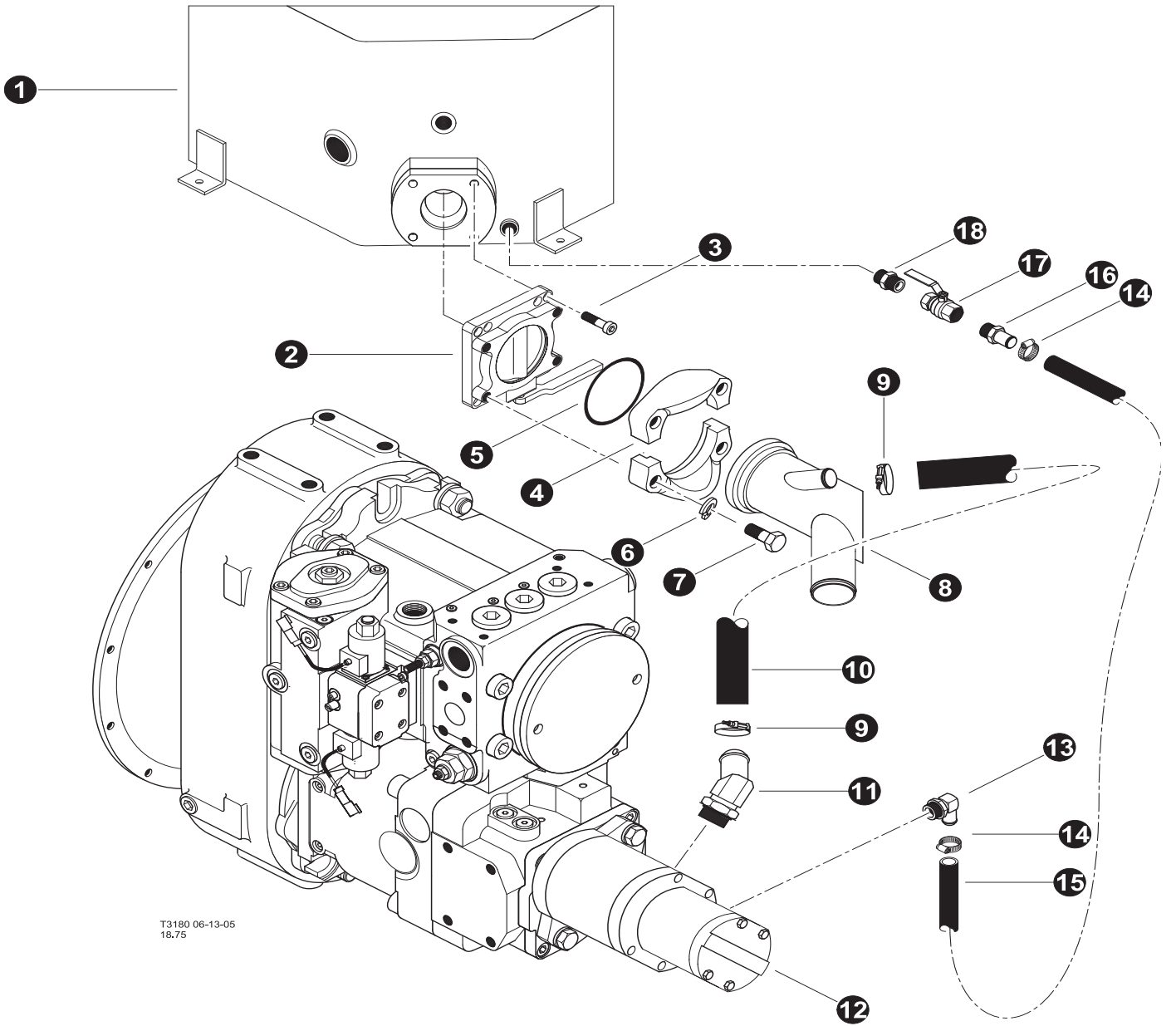


Parts T3181 07/06/2005
18.75

CHARGE PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 DUAL PUMP DRIVE TRANSMISSION.	EE-2
2	REF.	1	 IMPLEMENT PUMP	LH,HH
3	18844-DH	1	O-RING, THRU DRIVE COVER - REXROTH 130CC	
4	23480-DH	1	COUPLING, SHAFT REX130 IMP/CHARGE PUMP-B	
5	15534-DH	2	WASHER, SAE FLAT - .5"	
6	50100-DH	2	BOLT - .5" X 1.25"	
7	REF	1	 CHARGE PUMP ASSEMBLY.....	DH-3

 See referenced page for component or assembly breakdown.

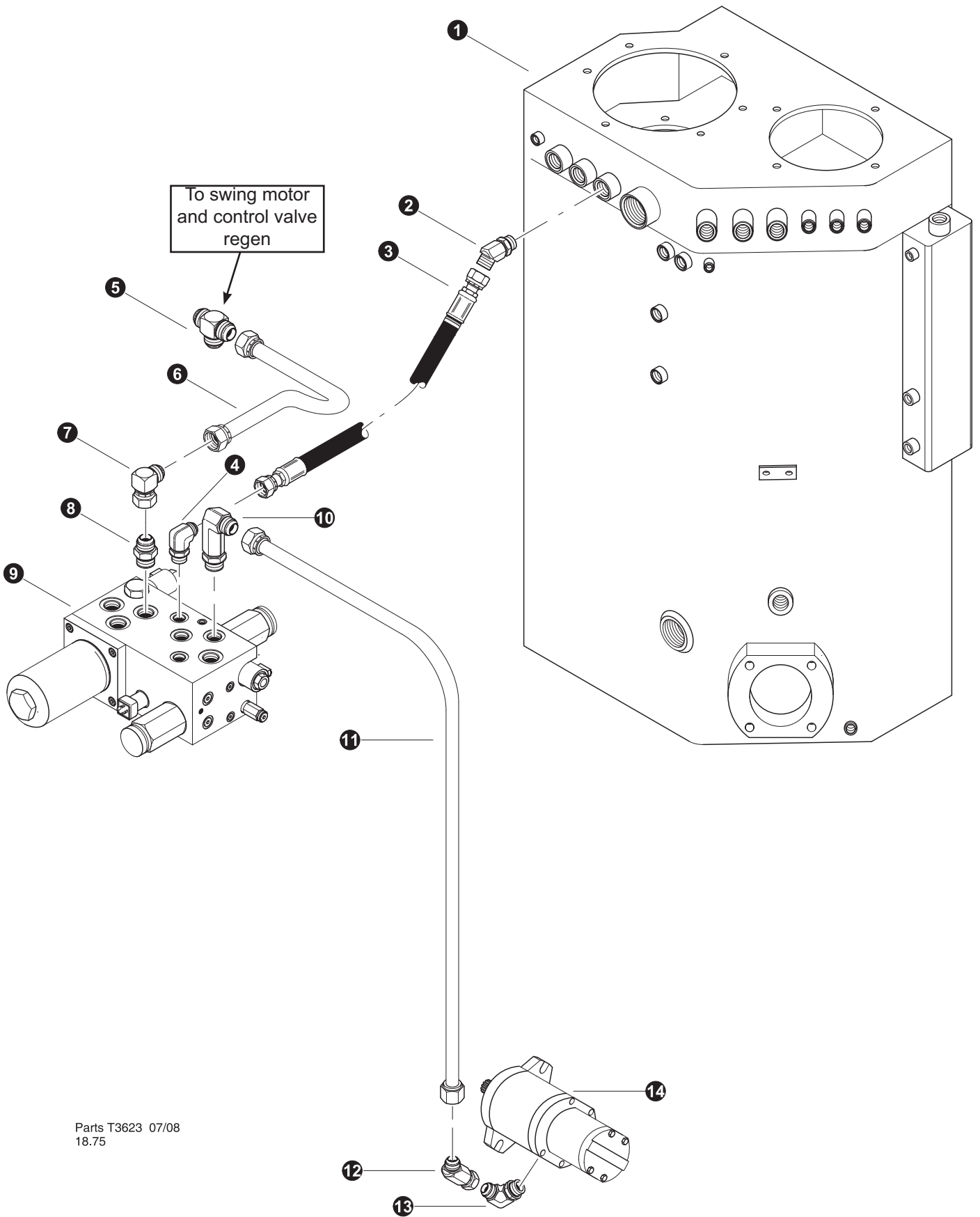


T3180 06-13-05
18.75

CHARGE PUMP INLET (SUCTION)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.....	UP-2
2	51619-DH	1		VALVE, SHUT OFF - BUTTERFLY (4")	
3	23095-DH	4		BOLT, ALLEN HEAD - .625" x 2"	
4	51625-DH	1		KIT, FLANGE - SUCTION TUBE (4")	
5		1		O-RING - SUCTION TUBE (4")	
6	10721-DH	4		WASHER, LOCK - .625"	
7	15526-DH	4		BOLT - .625" X 2"	
8	42461-DH	1		TUBE, SUCTION - 4" FLANGE - W/O DISC SAW PUMP	
8	51886-DH	1		TUBE, SUCTION - 4" FLANGE - WITH DISC SAW PUMP	
9	15641-DH	2		CLAMP, strap band - 2"	
10	-DH	1		HOSE ASSEMBLY - 2015-24-0-0	
11	51830-DH	1		NIPPLE, KING SUCTION 1.5 X 20 SAE (45 DEGREE)	
12	REF.	1		WHEEL DRIVE CHARGE PUMP.....	DH-3
13	52784-DH	1		MALE ORB 90 DEGREE HOSE BARB #12	
14	15629-DH	2		CLAMP, HOSE - WORM STYLE - 1.5"	
15	-DH	1		HOSE ASSEMBLY - 2023-12-0-0	
16	52620-DH	1		CONNECTOR, STR HOSE BARB - 4404-12-12	
17	52618-DH	1		VALVE, BALL - HYDRAULIC SUCTION 3/4"	
18	52698-DH	1		CONNECTOR, MALE SAE X MALE NPT 12-3/4	

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



Parts T3623 07/08
18.75

CHARGE CIRCUIT (Pressure, Tank, and Regen)

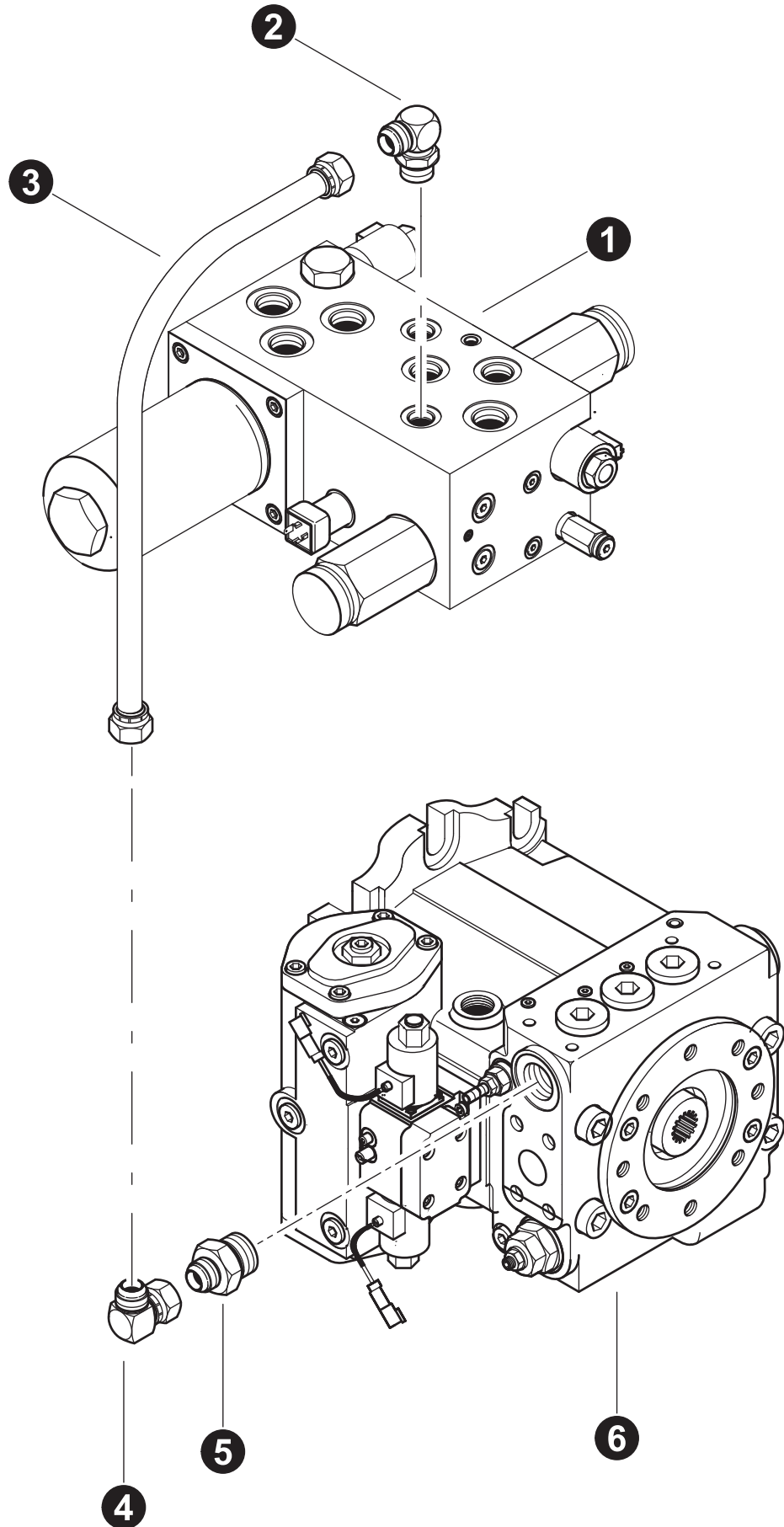
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	19127-DH	1	ELBOW, 45 - FF2068T-1212S	
3	-DH	1	HOSE ASSEMBLY - 2136 12 12OS 1204 (T2 port to Hyd Tank Return)	
4	15484-DH	1	ELBOW, 90 - 16 C5OX-S	
5	52970-DH	1	TEE, UNION - 16 JTXO	
6	53128-DH	1	TUBELINE, CHARGE/FAN MANIFOLD 'T1' PORT	
7	52968-DH	1	ELBOW, 90 - 16 C6XO JIC	
8	15497-DH	1	CONNECTOR, STR - 16 F5OX-S	
9	REF	1	FAN CONTROL MANIFOLD.....	UP-3
10	52971-DH	1	ELBOW, 90 - 16 CC5OX JIC/ORB (LONG)	
11	52937-DH	1	TUBELINE, CHARGE PUMP	
12	15110-DH	1	ELBOW, 45 SWIVEL - 16 V6X-S	
13	15484-DH	1	ELBOW, 90 - 16 C5OX-S	
14	REF	1	WHEEL DRIVE CHARGE PUMP.....	DH-3



See referenced page for component or assembly breakdown.




Kit or Assembly - includes all items indented underneath.

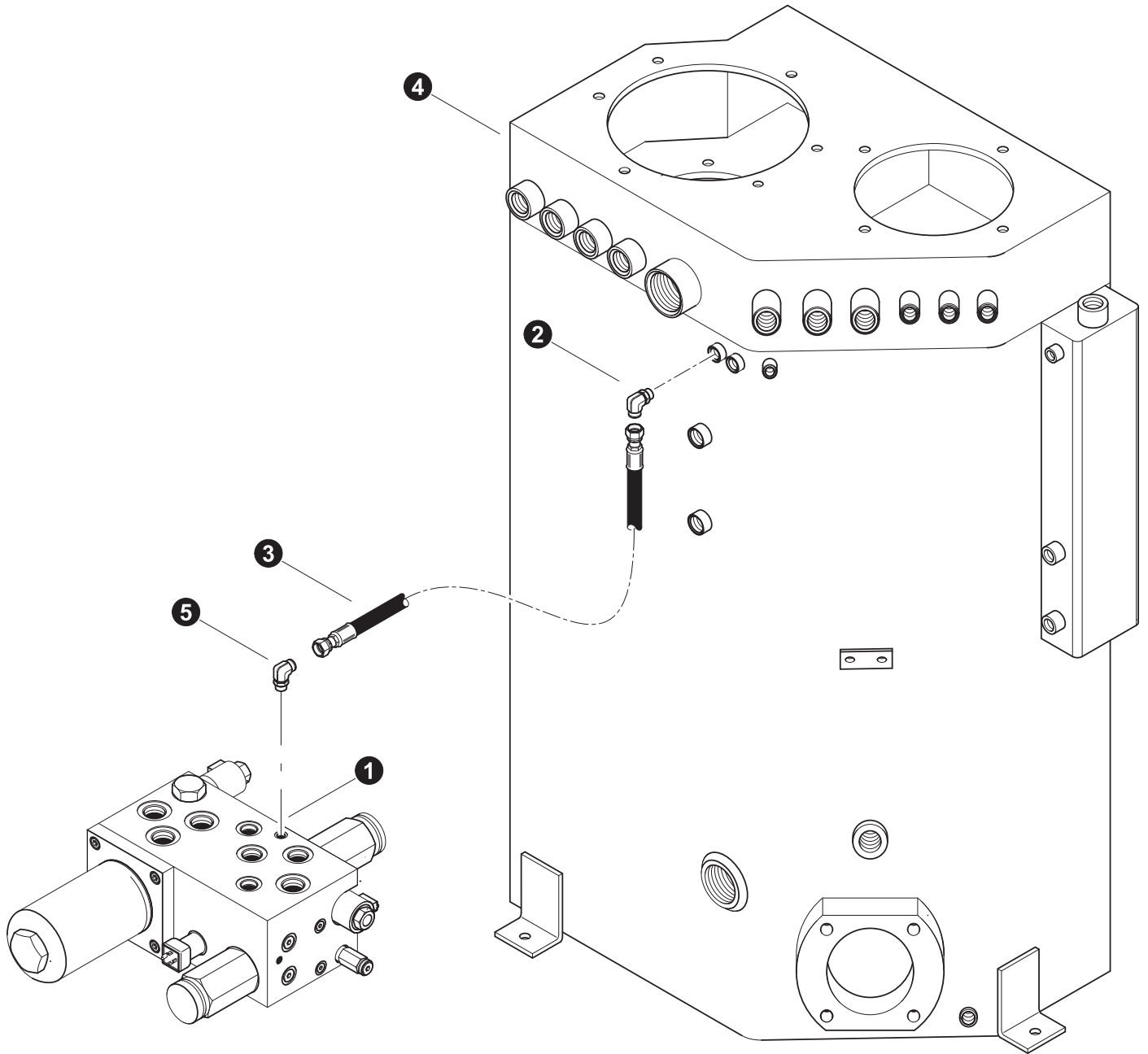


Parts T3624 08/08
18.75

WHEEL DRIVE PUMP CHARGE PRESSURE INLET

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL / CHARGE MANIFOLD	UP-3
2	11306-DH	1	ELBOW, 90 12 C5OX-S	
3	52935-DH	1	TUBELINE, HYDRO CHARGE PRESSURE	
4	15477-DH	1	ELBOW, 90 SWIVEL - 12 C6X-S	
5	15495-DH	1	CONNECTOR, STR - 12-16 F5OX-S	
6	REF.	1	 WHEEL DRIVE PUMP	DH-3


 See referenced page for component or assembly breakdown.




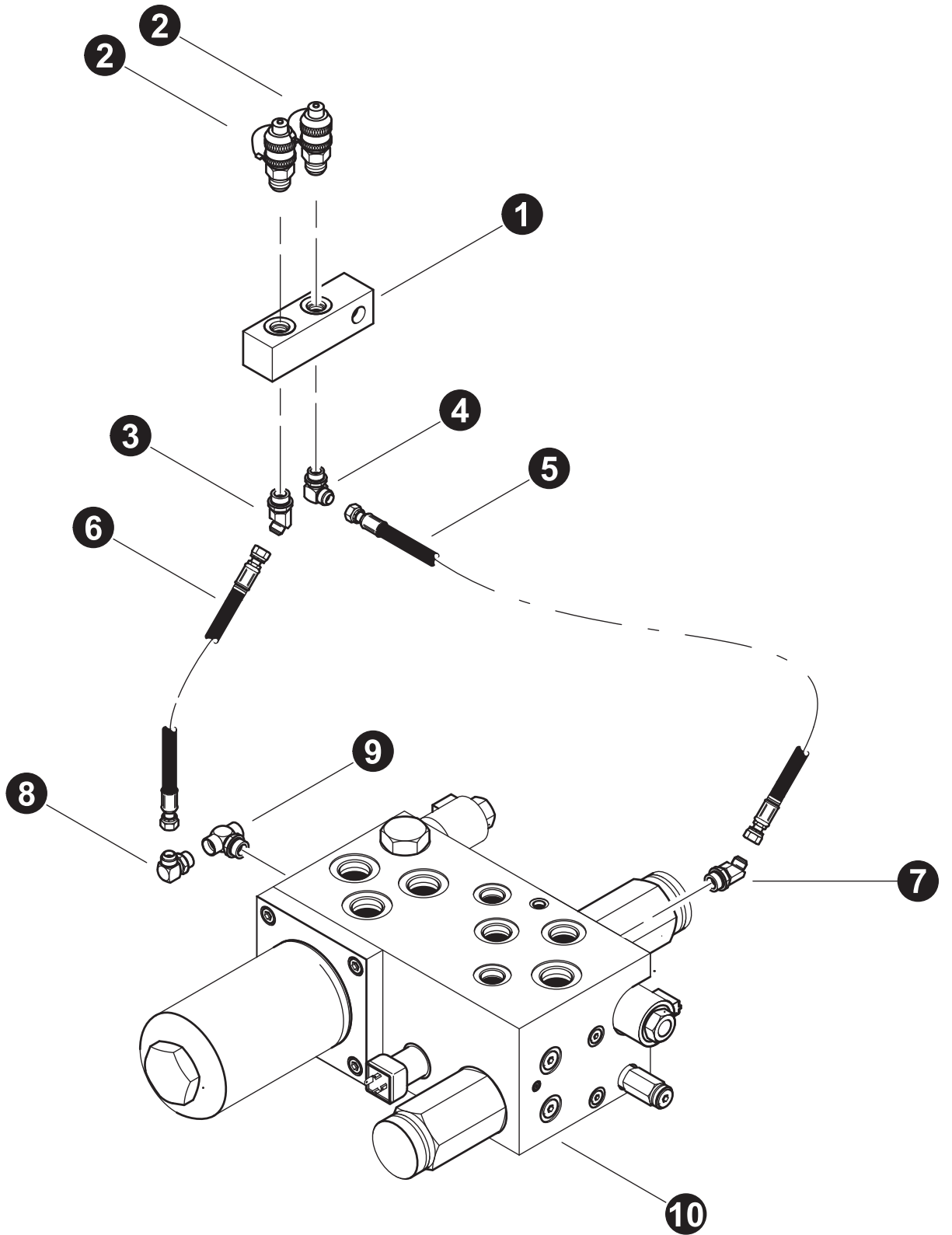
Parts T3625 08/08
18.75

CHARGE FILTER MANIFOLD DRAIN LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL / CHARGE MANIFOLD	UP-3
2	20031-DH	1	ELBOW, 90 - 6-8 C5OLO-S	
3	-DH	1	HOSE ASSEMBLY - 2022 06 06OS 06OS	
4	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
5	16296-DH	1	ELBOW, 90 - FF1868T-0606S	

 See referenced page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.



Parts T3626 07/08
18.75

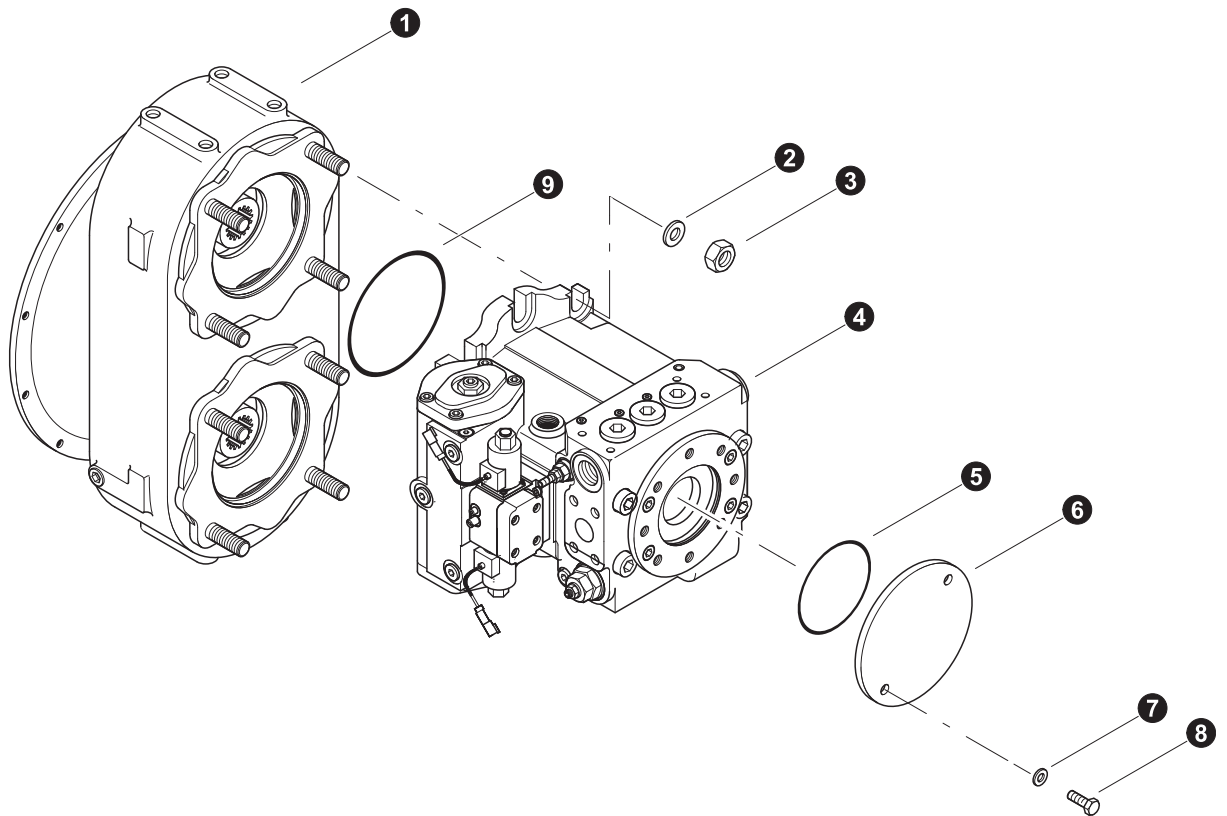
CHARGE FILTER MANIFOLD GAUGE PORT LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	23544-DH	1	MANIFOLD, PRESSURE CHECK (2-PORT)	
2	16037-DH	2	Gauge Tap 1/4" Sae	
3	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
4	51889-DH	1	ELBOW, 90 - (4C50X-S)	
5	-DH	1	HOSE ASSEMBLY - 2015 02 04JS 04JS	
6	-DH	1	HOSE ASSEMBLY - 2008 02 04JS 04JS	
7	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
8	51931-DH	1	ELBOW, 90 - 4-6 C50X-S (JIC)	
9	52186-DH	1	TEE, RUN - MALE (4 A0G5J5-S)	
10	REF	1	FAN CONTROL / CHARGE MANIFOLD	UP-3

 See referenced page for component or assembly breakdown.



Section DH-2


Drive Hydraulics - Wheel Drive Pump Circuit

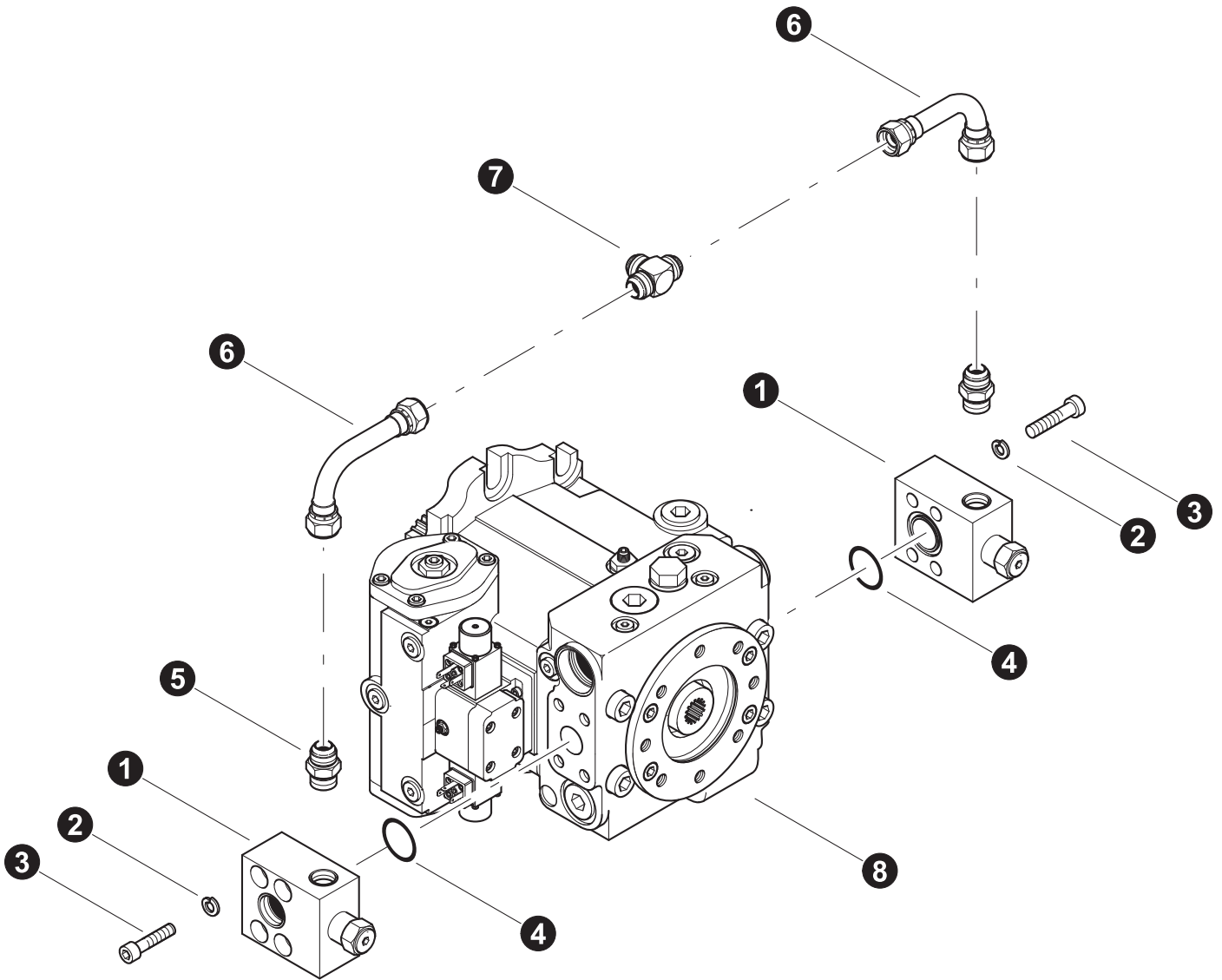


Parts T2666 04/30/2003
18.75

WHEEL DRIVE PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 TRANSMISSION double pump drive	EE-4
2	15550-DH	4	WASHER, SAE flat - 3/4"	
3	10776-DH	4	NUT, hex - 3/4"	
4	REF.	1	 WHEEL DRIVE PUMP	DH-3
5	15453-DH	1	O-RING	
6	18414-DH	1	COVER, thru drive	
7	15534-DH	4	WASHER, SAE flat - 1/2"	
8	10783-DH	2	BOLT - 1/2" x 1"	
9	15442-2-DH	1	O-RING, PUMP DRIVE PILOT - DRIVE	


 See referenced page for component or assembly breakdown.




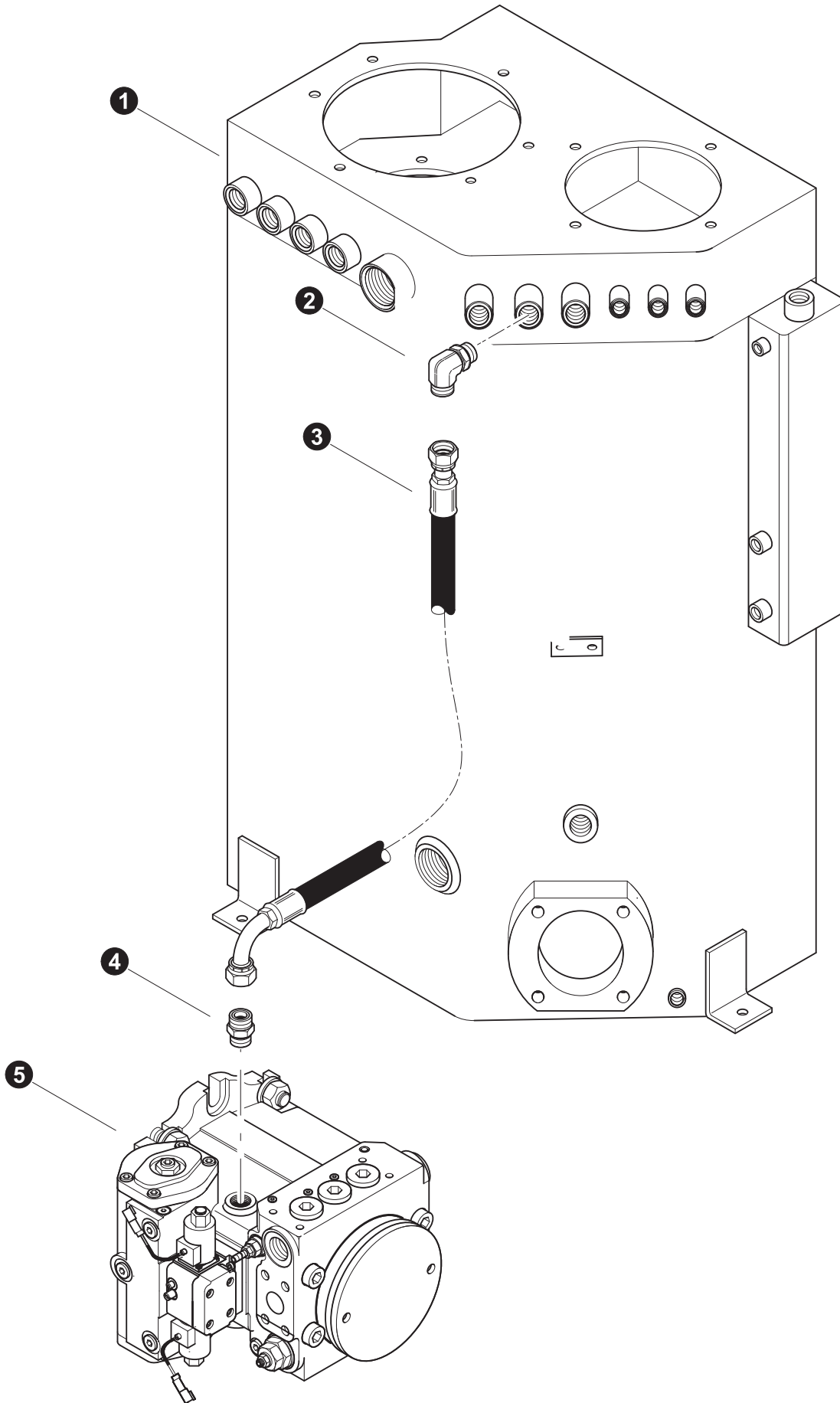
Parts T3192 07/14/2005
18.75

WHEEL DRIVE SYSTEM

Anti-Cavitation Block Installation

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51773-DH	2	MANIFOLD, KIT ANTI CAV- WHEEL DRIVE	
2	50075-DH	8	WASHER, LOCK - .5" HIGH COLLAR	
3	17141-DH	8	BOLT, ALLEN HEAD - .5" X 2.75"	
4	15378-DH	2	O-RING - 1.25" SF (CODE 61/62)	
5	11324-DH	2	CONNECTOR, STR - 6400-12	
6	52100-DH	2	TUBE, HYDRAULIC - FORMED 90 DRIVE PUMP	
7	52090-DH	1	TEE - 12WJJTX-S	
8	REF.	1	 WHEEL DRIVE PUMP	DH-3



 See referenced page for component or assembly breakdown.




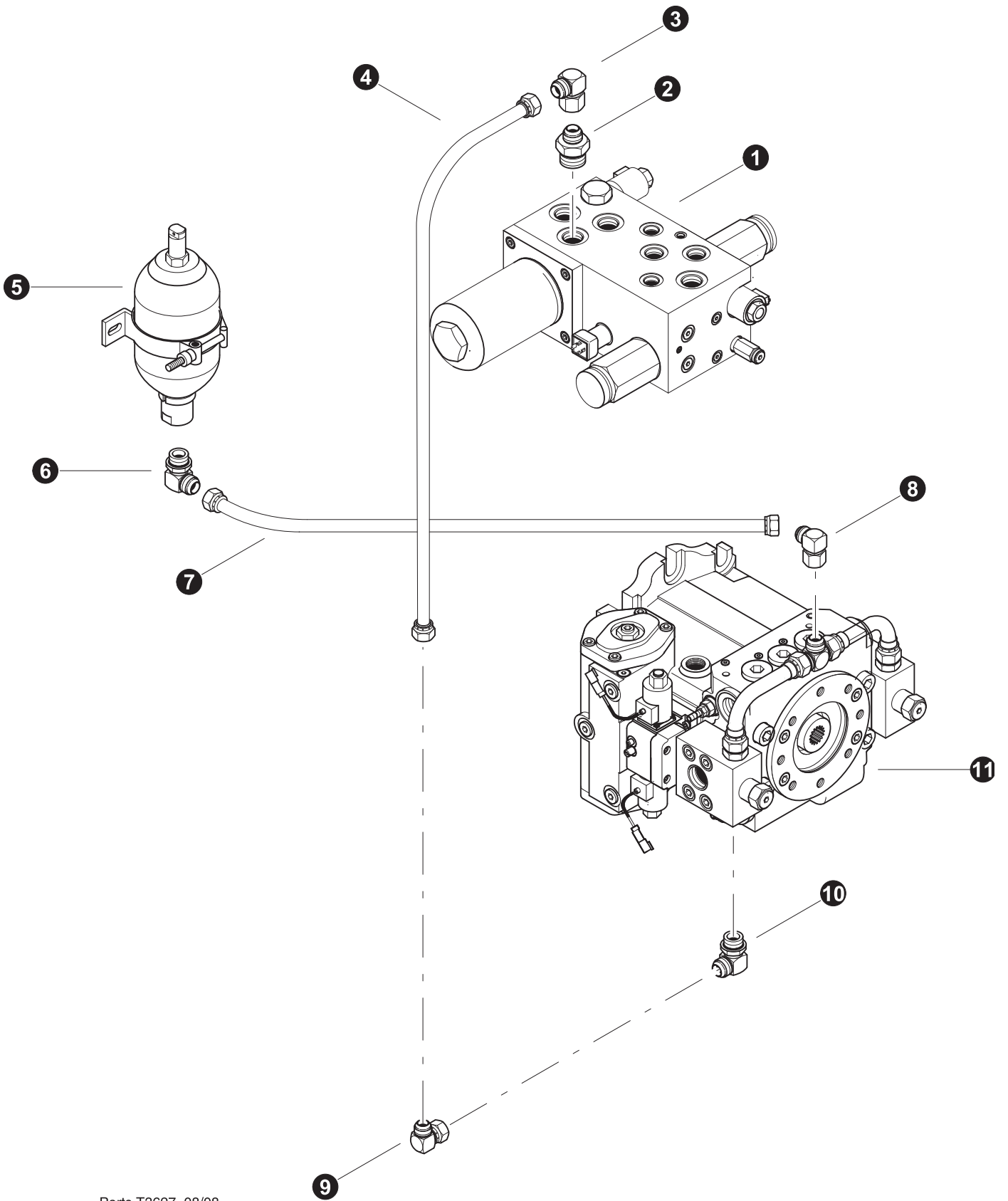
Parts T3194 07/18/2005
18.75

WHEEL DRIVE SYSTEM

Case Drain Hose

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
2	17688-DH	1	ELBOW, 90 - FF1868T-1212S	
3		1	HOSE ASSEMBLY - 2032 12-12OS-12O9 Pump Case to Hydraulic Tank	
4	15152-DH	1	CONNECTOR, STR - FF1852T-1212S	
5	REF.	1	 WHEEL DRIVE PUMP	DH-3


 See referenced page for component or assembly breakdown.




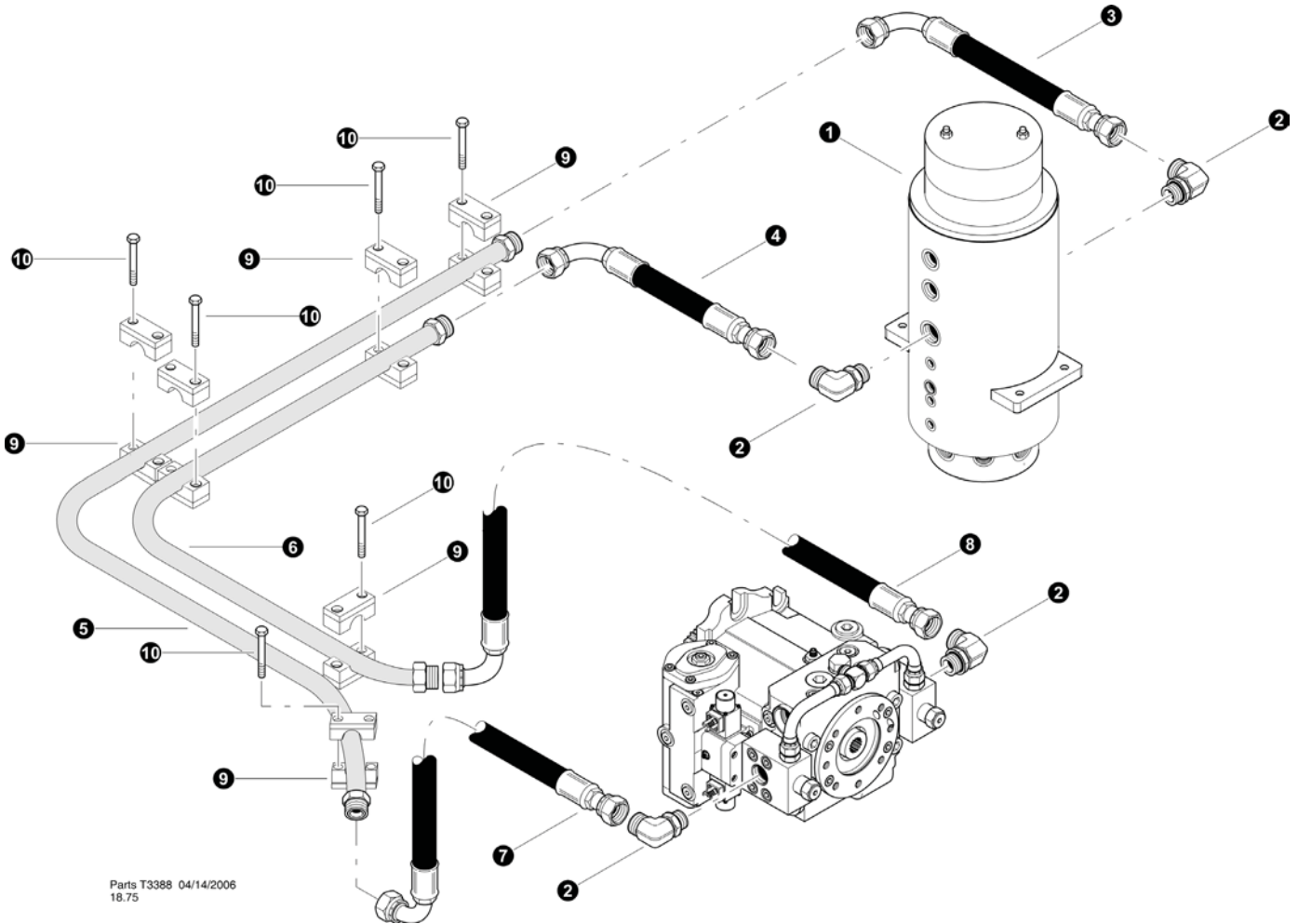
Parts T3627 08/08
18.75

WHEEL DRIVE SYSTEM

Anti-Cavitaion Connections




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 FAN DRIVE / CHARGE FILTER MANIFOLD	UP-3
2	15495-DH	1	CONNECTOR, STR - 12-16 F5OX-S	
3	15477-DH	1	ELBOW, 90 SWIVEL - 12 C6X-S	
4	52936-DH	1	TUBELINE, HYDRO REGEN PRESSURE	
5	51709-DH	1	ACCUMULATOR, GAS - WHEEL DRIVE	
6	11306-DH	1	ELBOW, 90 12 C5OX-S	
7	52934-DH	1	TUBELINE, HYDRO ACCUMULATOR	
8	15477-DH	1	ELBOW, 90 SWIVEL - 12 C6X-S	
9	15477-DH	1	ELBOW, 90 SWIVEL - 12 C6X-S	
10	11306-DH	1	ELBOW, 90 12 C5OX-S	



 See referenced page for component or assembly breakdown.

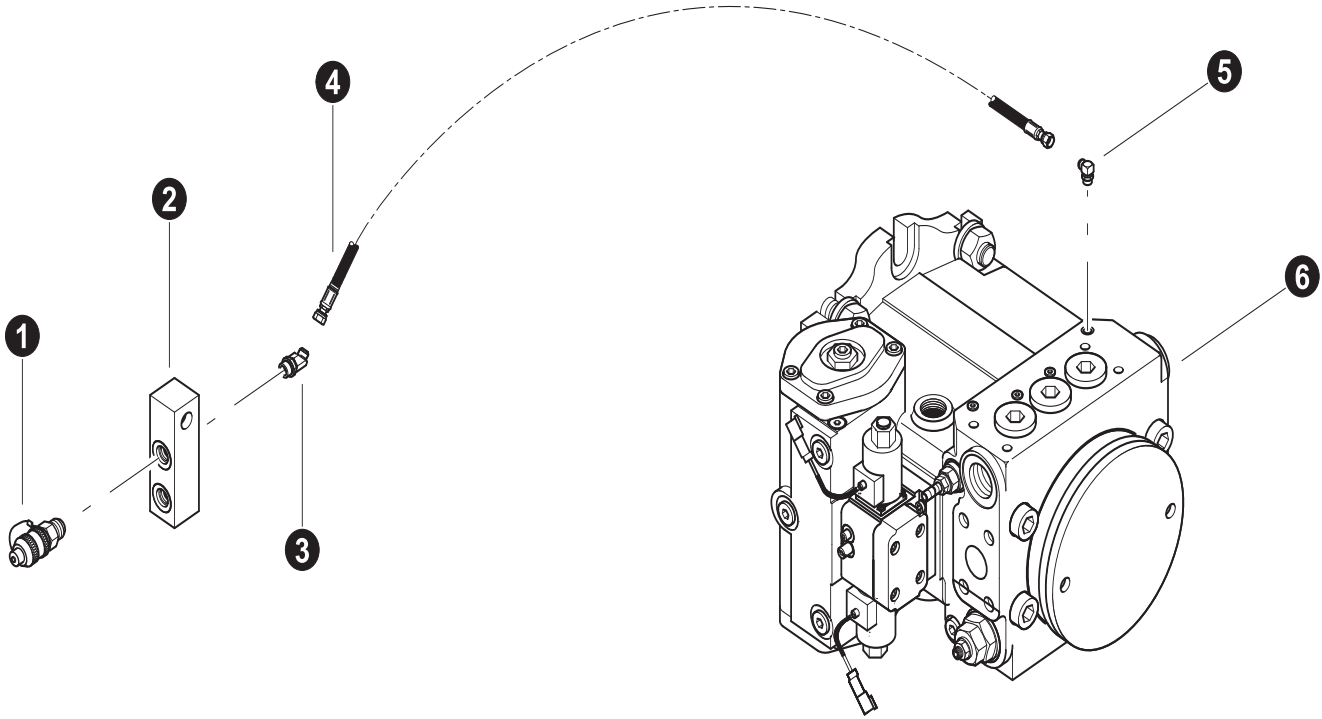


WHEEL DRIVE SYSTEM

Drive Pump Pressure Connections


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	15228-DH	2	ELBOW, 90 - FF1868T-1616S	
3	50682-DH	1	HOSE ASSEMBLY - 6019.5 16-16OS-1609 Rotary Manifold #7 or WD1 Port	
4	-DH	1	HOSE ASSEMBLY - 6015.5 16-16OS-1609 Rotary Manifold #8 or WD2 Port	
5	52353-DH	1	TUBELINE, WHEEL DRIVE - B PORT (6500PSI)	
6	52352-DH	1	TUBELINE, WHEEL DRIVE - A PORT (6500PSI)	
7	-DH	1	HOSE ASSEMBLY - 6021.5 16-16OS-1609 Wheel Drive Pump "B" Port	
8	-DH	1	HOSE ASSEMBLY - 6027 16-16OS-1609 Wheel Drive Pump "A" Port	
9	52372-DH	6	 CLAMP, STEEL TUBELINES (WHEEL DRIVE)	
10	16365-DH	12	BOLT - .375" X 2.75"	
	REF.	1	 WHEEL DRIVE PUMP	DH-3


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



Parts T3195 07/18/2005
18.75

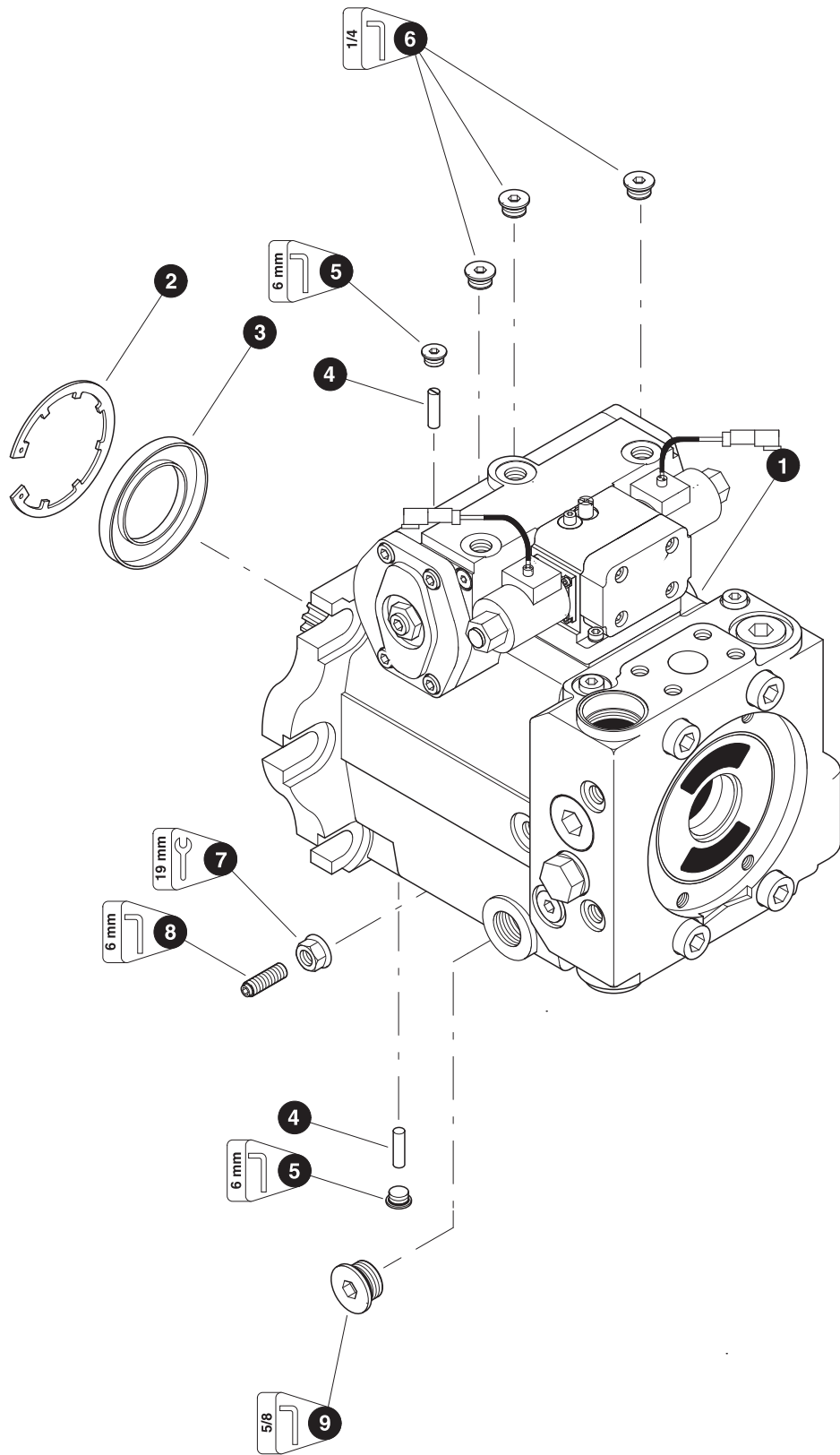
WHEEL DRIVE PUMP GAUGE PORTS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	16037-DH	1	TAP, gauge port (1/4" ORB)	
2	23544-DH	1	MANIFOLD, PRESSURE CHECK (2-PORT)	
3	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
4	-DH	1	HOSE ASSEMBLY - 2028-02-04JS-04JS (Wheel Drive Pump gauge port to pressure check manifold) Part of kit #53024	
5	51889-DH	1	ELBOW, 90 - (4C50X-S)	
6	REF.	1	 Wheel Drive Pump	DH-3

 See referenced page for component or assembly breakdown.

Section DH-3

Drive Hydraulics - Wheel Drive System Components



Parts T2676 05/15/2003
37.50

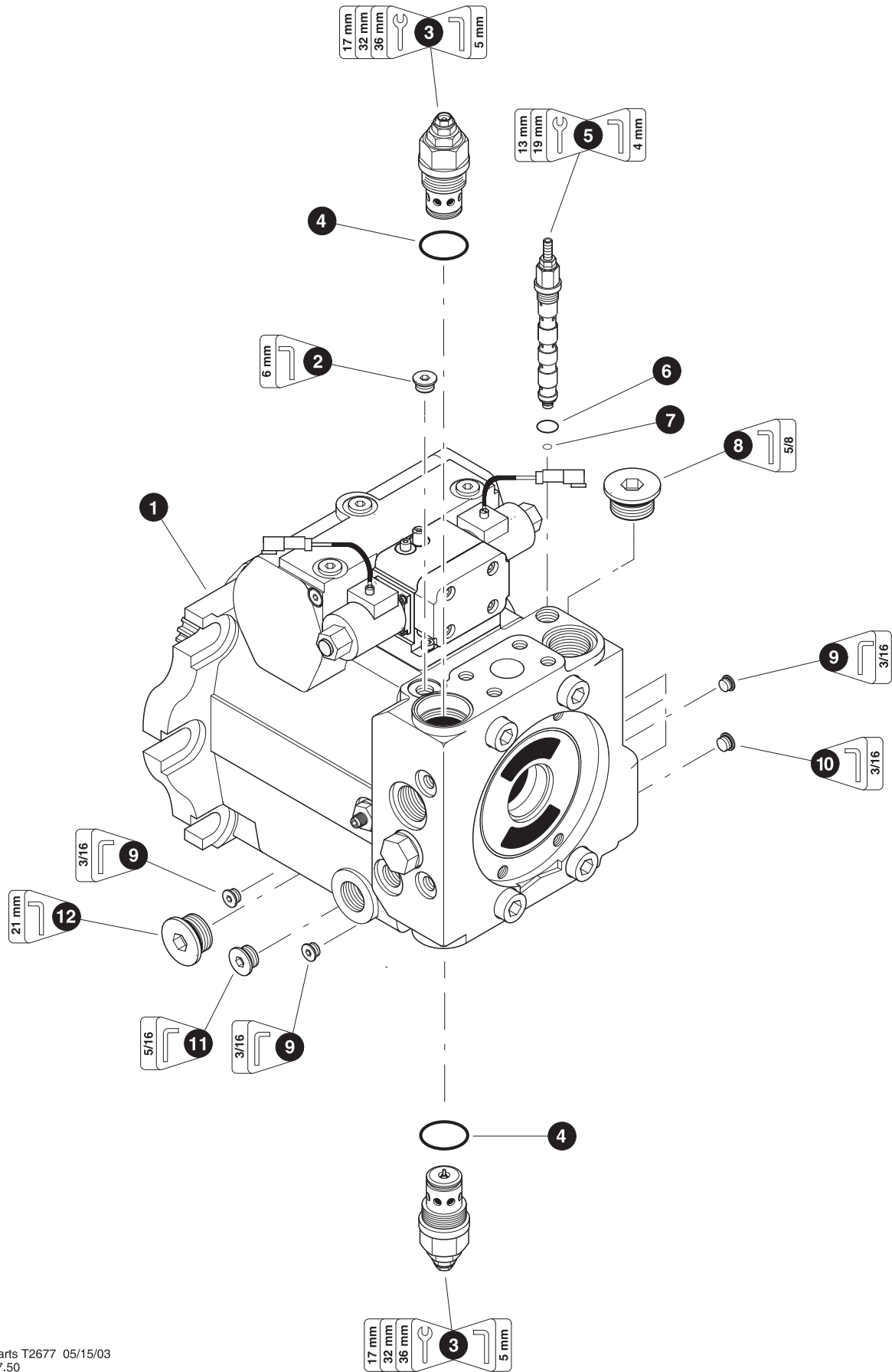
WHEEL DRIVE PUMP - REXROTH AA4VG125 (Forward Cast Housing Components)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	23612-DH	1	☐	PUMP, wheel drive - Rexroth AA4VG125 - 24V	
2	20315-DH	1		RING, snap	
3	19353-DH	1	⌘	SEAL, shaft	
4	20318-DH	2		PIN, cradle	
5	20317-DH	2	⌘	PLUG - 12mm-1.5P	
6	15412-DH	4	☐	PLUG - 6408-HHP-6	
	20320-DH	1	⌘	O-RING, ORB - #6	
7	20329-DH	1	⌘	NUT, seal - 12mm-1.5P	
8	20327-DH	1		PIN, threaded - 12mm-1.5P	
9	19847-DH	1	☐	PLUG - 6408-HHP-16	
	20324-DH	1	⌘	O-RING, ORB - #16	
-	19356-DH	1		KIT, seal repair - complete AA4VG125 pump	

- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in seal repair kit Part # 19356-WD.


















Note:

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



Parts T2677 05/15/03
37.50

WHEEL DRIVE PUMP - REXROTH AA4VG125 (Rear Port Block Components)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		WHEEL DRIVE PUMP - Rexroth AA4VG125.....	DH-3
2	20317-DH	1		PLUG - 12mm-1.5P	
3	20330-DH	2		CARTRIDGE, high pressure relief valve	
	20331-DH	1		NUT, seal - 10mm-1.0P	
4	20332-DH	1		O-RING, HPRV cartridge	
5	20254-DH	1		CARTRIDGE, POR relief valve	
6	20337-DH	1		O-RING, POR relief valve - body	
7	20338-DH	1		O-RING, POR relief valve - chamber	
8	19847-DH	1		PLUG - 6408-HHP-16	
	20324-DH	1		O-RING, ORB - #16	
9	20339-DH	4		PLUG - 8mm-1.0P	
10	11383-DH	2		PLUG - 6408-HHP-4	
	20319-DH	1		O-RING, ORB - #4	
11	19271-DH	2		PLUG - 6408-HHP-10	
	20322-DH	1		O-RING, ORB - #10	
12	20333-DH	1		PLUG - 42mm-2.0P	
	20334-DH	1		O-RING, ORB - 42mm-2.0P	
-	19356-DH	1		KIT, seal repair - complete AA4VG125 pump	



See referenced page for component breakdown.



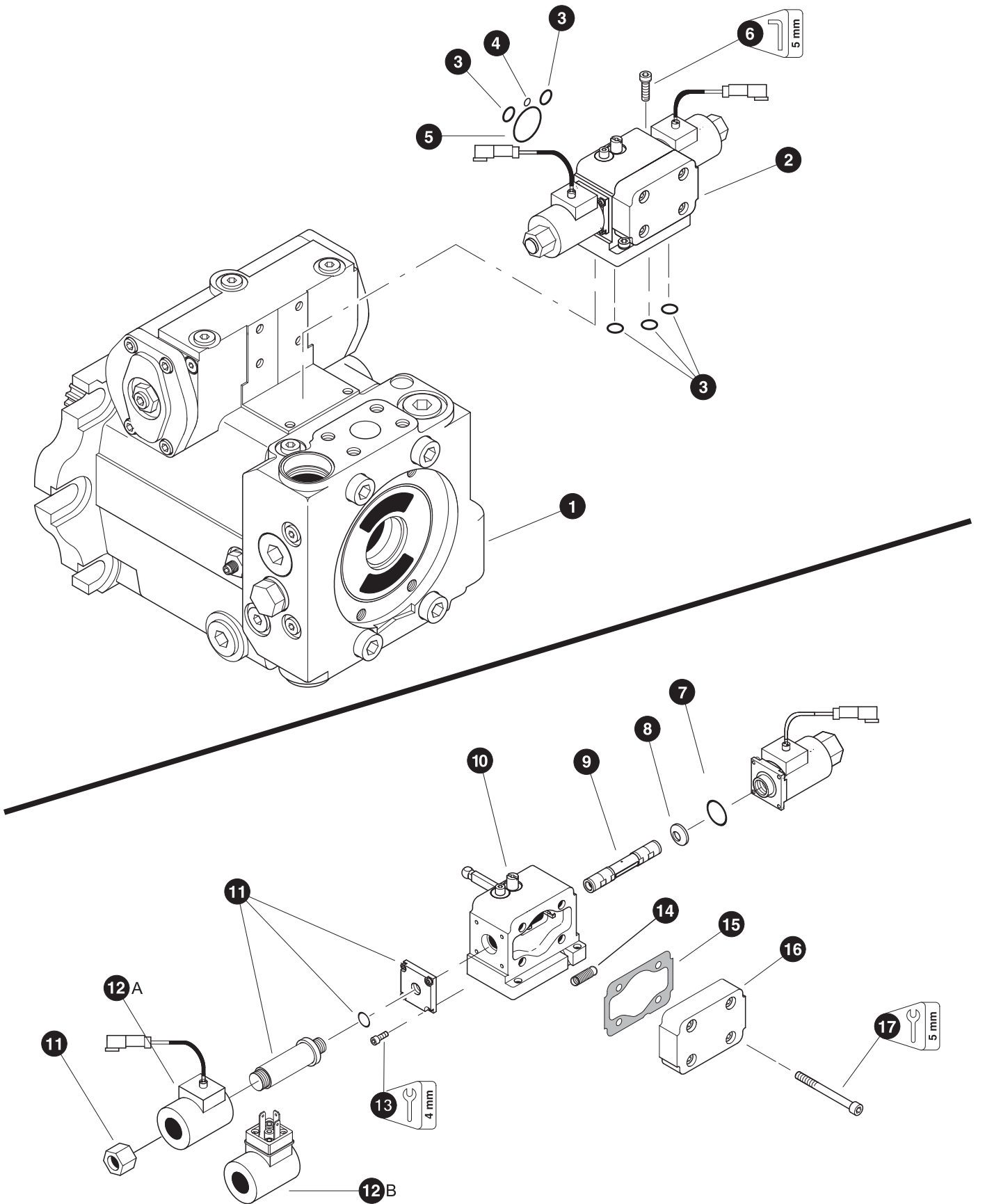
Kit or Assembly - includes all items indented underneath.



Included in seal repair kit Part # 19356-WD.








Note:




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

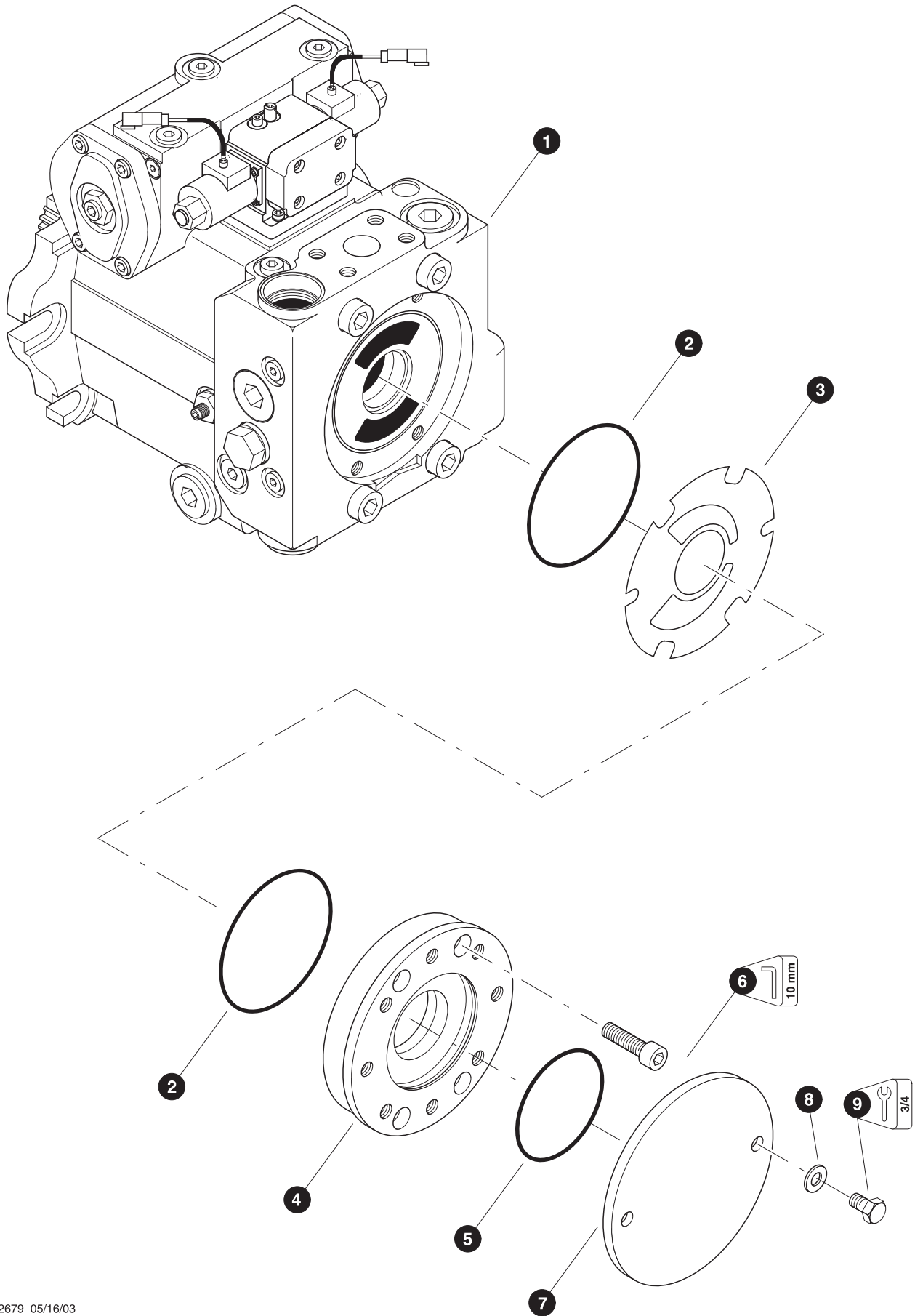


Parts T2678 05/16/03
37.50

WHEEL DRIVE PUMP - REXROTH AA4VG125 (Stroke Control Assembly)




REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		WHEEL DRIVE PUMP - Rexroth AA4VG125.....	DH-3
2	50935-DH	1		VALVE, stroke control - 24V current	
3	20342-DH	5		O-RING, stroke control	
4	20343-DH	1		O-RING, stroke control	
5	20344-DH	1		O-RING, stroke control	
6	20345-DH	2		BOLT, allen head - 6mm x 20mm	
7	-	2		O-RING, (09083764)	
8	-	2		SPRING, CUP (02601640)	
9	NSS	1		SPOOL,	
10	-	1		MODULE, stroke control - (02046894)	
11	-	2		COIL STEM, assembly (02046037)	
12a	50465-DH	2		COIL, solenoid - 24V	
12b	50043-DH	2		COIL, solenoid - (hershman style connector 24v) (old style)	
13	-	8		BOLT, allen head - 4mm (09083183)	
14	-	1		SPRING, stroke centering (02063327)	
15	-	1		GASKET, (09651478)	
16	-	1		COVER, (09443201)	
17	-	4		BOLT, allen head - 6mm (09085831)	
-	19356-DH	1		KIT, seal repair - complete AA4VG125 pump	




-  See referenced page for component breakdown.
-  Kit or Assembly - includes all items indented underneath.
-  Included in seal repair kit Part # 19356-WD



Parts T2679 05/16/03
37.50

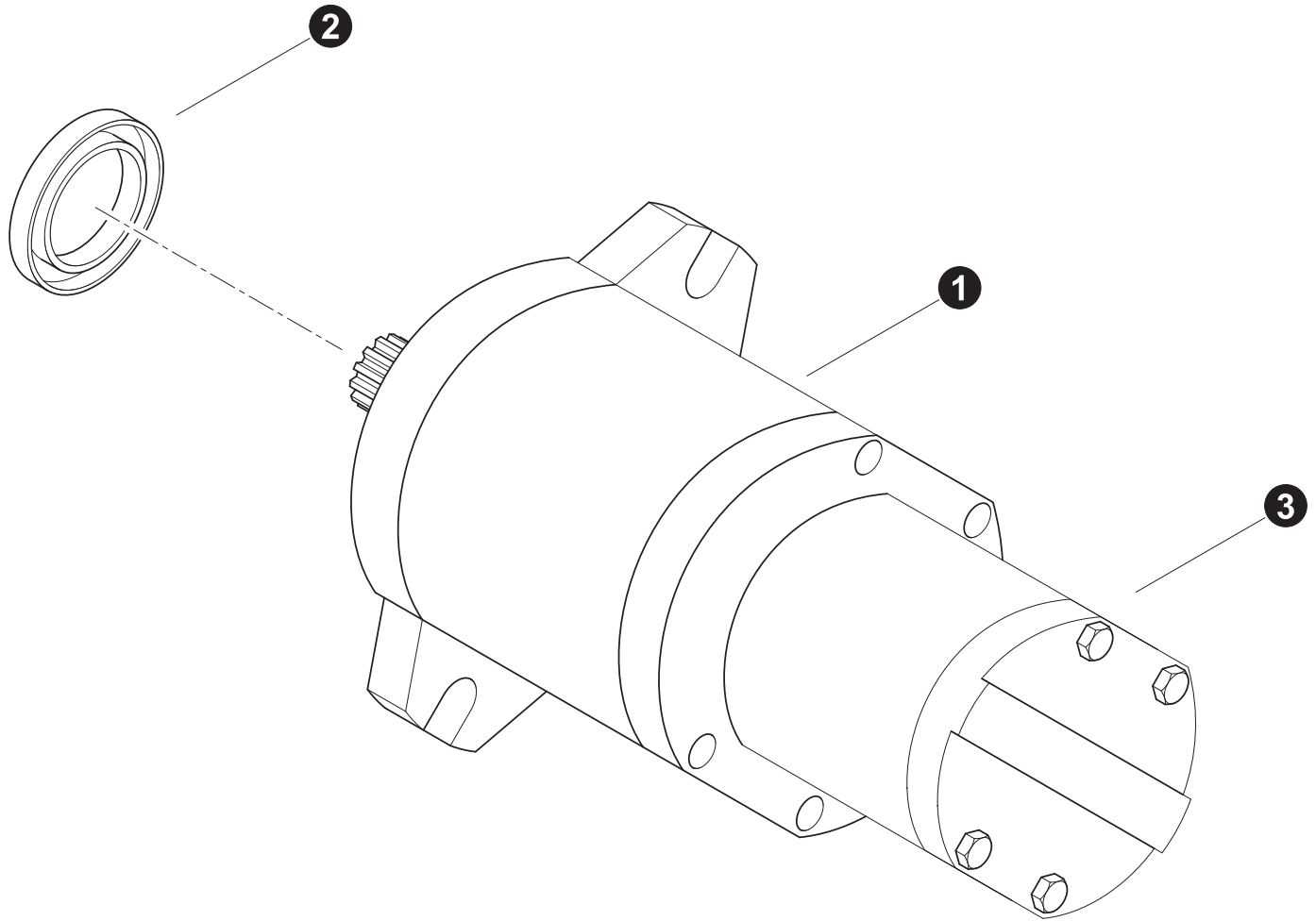
WHEEL DRIVE PUMP - REXROTH AA4VG125 (Thru Drive Components)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		WHEEL DRIVE PUMP - Rexroth AA4VG125.	DH-3
-	-----	1		THRU DRIVE ASSEMBLY (No gear charge pump)	
2	20368-DH	2		O-RING, thru drive wear plate	
3	20369-DH	1		PLATE, wear	
4	NSS	1		HOUSING	
5	21624-DH	1		O-RING, thru drive pilot (SAE "B")	
6	18954-DH	4		BOLT, allen head - 12mm-1.75P x 40mm	
7	18414	1		COUPLING, thru drive	
8	18040	1		WASHER, flat - .5"	
9	10783	1		BOLT - .5" X 1"	
-	19356-DH	1		KIT, seal repair - complete AA4VG125 pump	

-  See referenced page for component breakdown.
-  Kit or Assembly - includes all items indented underneath.
-  Included in seal repair kit Part # 19356-WD.

Note:

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



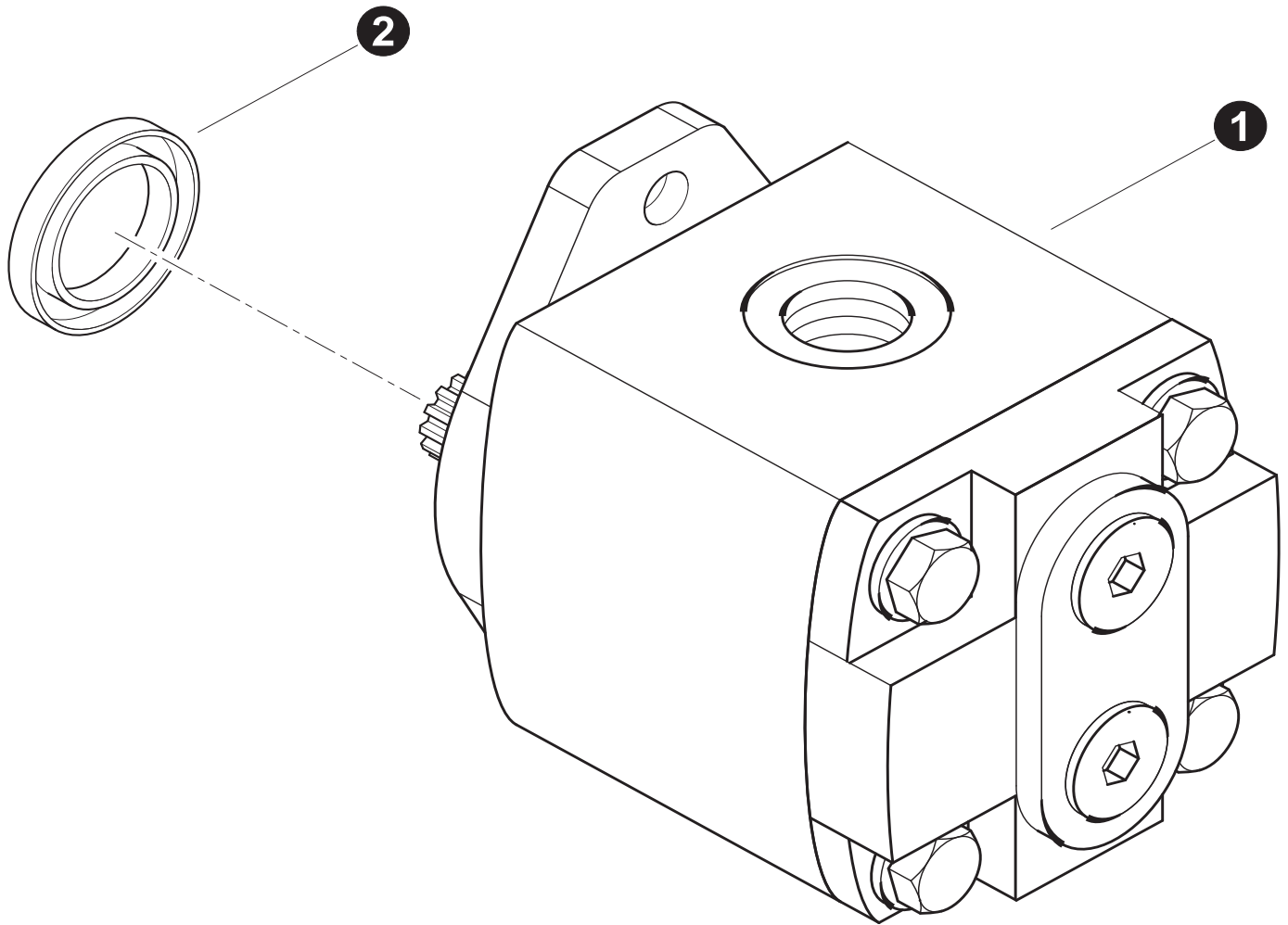
Parts T3190 07/14/2005
50.00

Charge Pump Breakdown

Machines built before 0354-011211

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	51629-DH	1	<input type="checkbox"/>	PUMP, CHARGE / LOWER MANIFOLD - DUAL FLOW	
1	52994-DH	1	<input type="checkbox"/>	PUMP, CHARGE SYSTEM (front pump only)	
2	-DH	1		SEAL, shaft (R98640012P)	
3	53003-DH	1	<input type="checkbox"/>	PUMP, LOWER MANIFOLD / BRAKE SYSTEM (rear pump only)	
-	-DH	1		SEAL, shaft (1510293027)	

- Kit or Assembly - includes all items indented underneath.



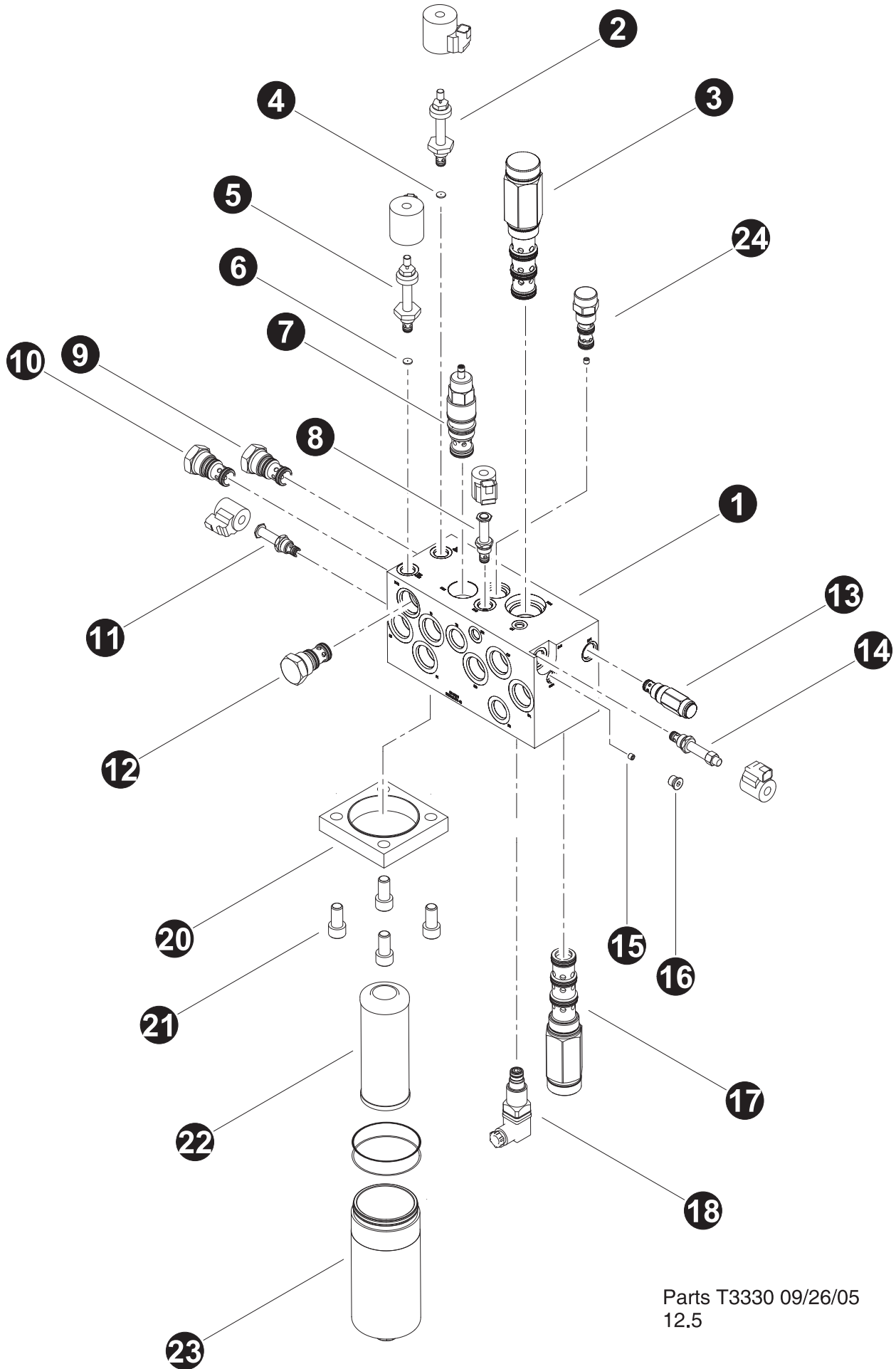
Parts T3739 10/08
50.00

Charge Pump Breakdown

Machine 0355-020111 and after

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52566-DH	1	<input type="checkbox"/>	PUMP, CHARGE TRACK MACHINE	
2	52160-DH	1		SEAL, shaft - Track charge pump	

- Kit or Assembly - includes all items indented underneath.



Parts T3330 09/26/05
12.5

Fan / Charge System Control Valve Breakdown

(Used on Serial Number 0129 and Up)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	52099-DH	1	<input type="checkbox"/>	VALVE, FAN / CHARGE SYSTEM CONTROL	
1	-DH	1		MANIFOLD, fan / charge	
2	52092-DH	1		CARTRIDGE, HYDRAFORCE - TS38-20BM-0-N-24ER-VCO8-2 (Rad Fans)	
-	-DH	1		COIL, 24 V (4303724) NUT (4540560)	
-	52225-DH	1		KIT, SEAL (SKO8-2X-B)	
3	52134-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - PD42-M40N-0-N-160-VC42-M4	
-	52226-DH	1		KIT, SEAL (SK42-4X-MMM)	
4	-DH	1		ORIFACE	
5	52092-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - TS38-20BM-0-N-24ER-VCO8-2 (Oil Fans)	
-	-DH	1		COIL, 24 V (4303724) - NUT (4540560)	
-	52225-DH	1		KIT, SEAL (SKO8-2X-B)	
6	-DH	1		ORIFACE	
7	52223-DH	1	<input type="checkbox"/>	CARTRIDGE, SUN HYDRAULICS - SCGA-LDNT-17A (Charge Relief)	
-	52227-DH	1		KIT, SEAL (990-017-006)	
8	52222-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - SV08-20-0-N-24ER (Charge Heater)	
-	-DH	1		COIL, 24 V (4303624) NUT (7004400)	
-	52228-DH	1		KIT, SEAL (SKO8-3X-MM)	
9	52220-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - EV16-S34-0-N-70-VC16-S3	
-	52229-DH	1		KIT, SEAL (SK16-3X-MM)	
10	52220-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - EV16-S34-0-N-70-VC16-S3	
-	52229-DH	1		KIT, SEAL (SK16-3X-MM)	
11	52221-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - SV08-21-VCO8-2 (Charge Heater)	
-	-DH	1		COIL, 24 V (4303624) NUT (7004410)	
-	-DH	1		KIT, SEAL (SKO8-2X-T)	
12	52220-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - EV16-S34-0-N-0-70-VC16-S3	
-	52229-DH	1		KIT, SEAL (SK16-3X-MM)	
13	21673-DH	1	<input type="checkbox"/>	CARTRIDGE, relief valve (RV10)	
-	-DH	1		KIT, SEAL (SK10-2X-MM)	
14	52091-D	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - SVO8-30M-0-P-24ER-VCO8-3 (Fans Rev)	
-	-DH	1		COIL, 24 V (4303624) NUT (7004400)	
-	52228-DH	1		KIT, SEAL (SKO8-3X-MM)	
15	-DH	1		ORIFACE	
16	-DH	1		PLUG	
17	52134-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - PD42-M40N-0-N-160-VC42-M4	
-	52226-DH	1		KIT, SEAL (SK42-4X-MMM)	
18	17675-DH	1		SWITCH, filter indicator	
19	-DH	1		O-RING, Filter canister flange	
20	-DH	1		FLANGE, Filter canister	
21	-DH	4		BOLT, ALLEN -	
22	19861-DH	1		ELEMENT, hydrostatic charge filter	
23	19864-DH	1	<input type="checkbox"/>	CANISTER	
-	19863-DH	1		O-RING, canister	
-	19862-DH	1		RING, back-up - canister	
24	-DH	1	<input type="checkbox"/>	CARTRIDGE, HYDRAFORCE - EP12-S35-0-N-90-VC12-S3	
-	52230-DH	1		KIT, SEAL (SK12-3X-MM)	

