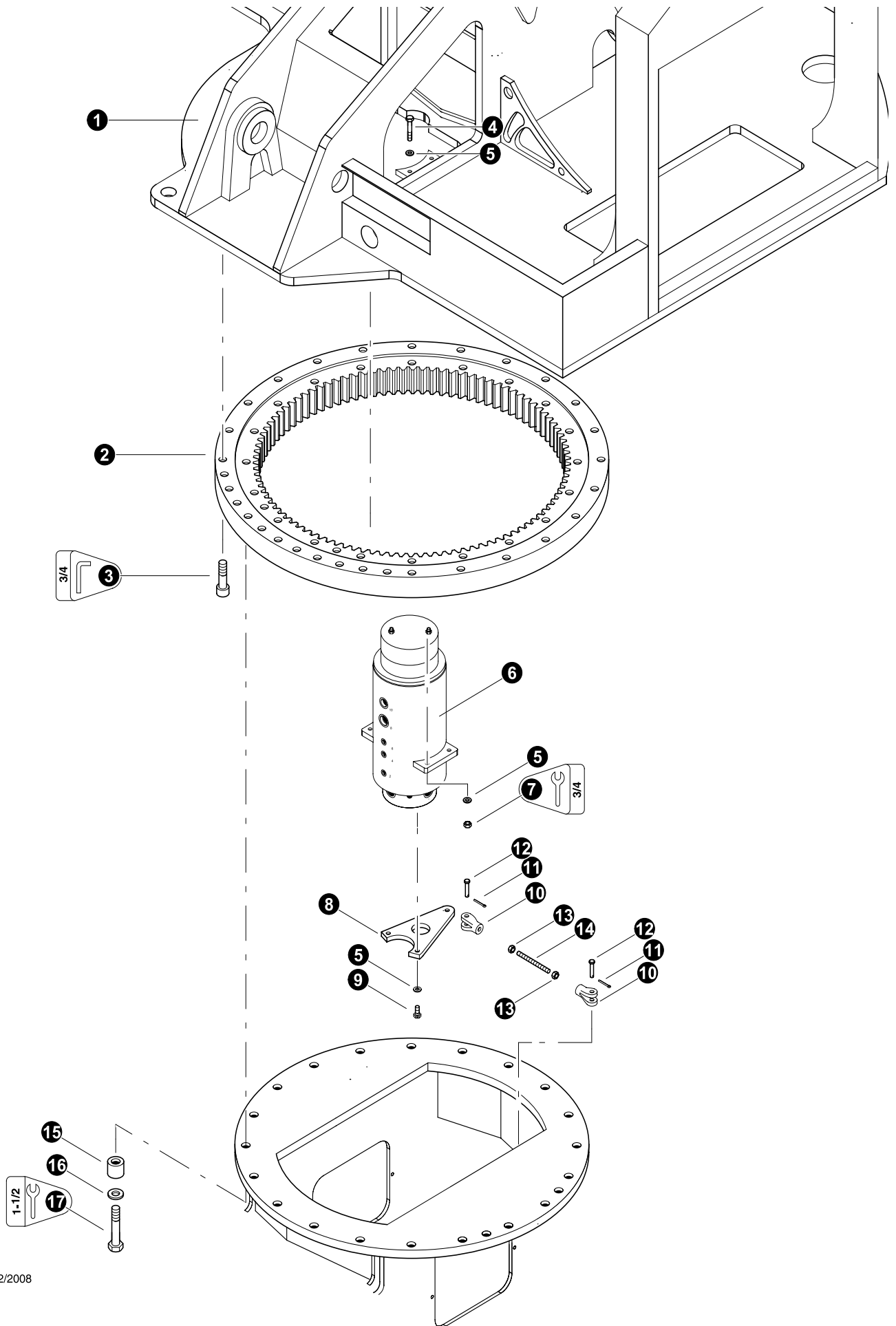




Section UP-1



Upper Turntable - Structural Components, Doors, and Covers



T3556 03/22/2008
9.375

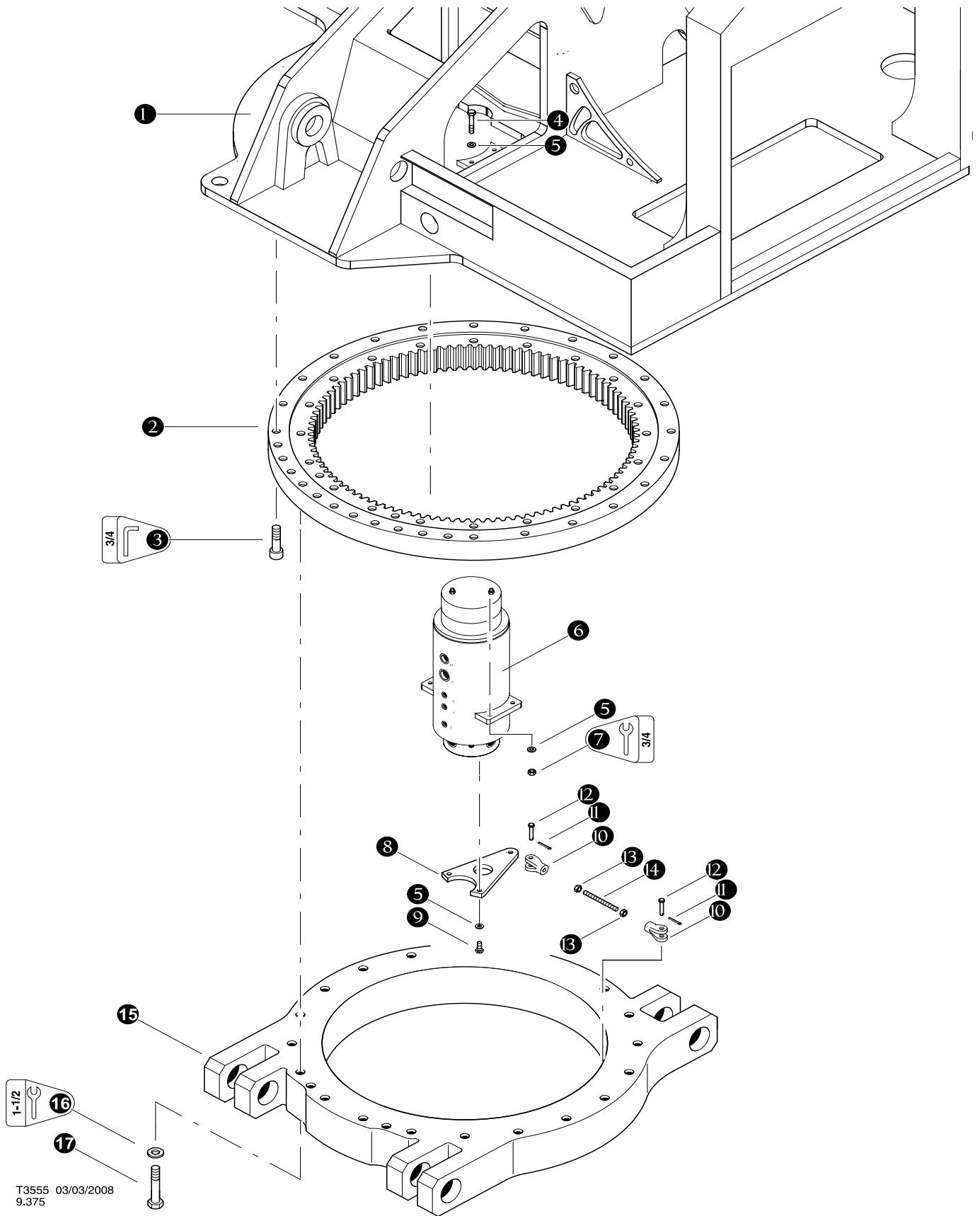
UPPER TURNTABLE INSTALLATION (Non-Leveling Machines)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52852-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE (Machine 8TF-0314 and TL725B-0026 and before)	
1	53770-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE "FLUSH FRONT" (Machines 0315-080609 until 0327-123109)	
1	54024-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE "ECCENTRIC SWING" (Machine 0328-021010 and after)	
2	19631-UP	1	BEARING, swing	
3	51690-UP	30	BOLT, ALLEN HEAD - 1" X 4.5" (Torque to 1000 ft.lbs (1355 Nm))	
4	15565-UP	4	BOLT - 1/2" x 2-1/2"	
5	15534-UP	10	WASHER, SAE flat - 1/2"	
6	REF.	1	 ROTARY MANIFOLD	UP-1
7	10815-UP	4	NUT, lock - 1/2"	
8	52379-UP	1	BRACKET, SWIVEL LOCK - TORQUE ARM NEW	
9	22463-UP	2	BOLT, special - 1/2" x 1-1/4" (Hole drilled in head for safety wire)(See Note 1 Below)	
	22464-UP	10"	WIRE, safety - 16 gauge	
10	52381-UP	2	 YOKE, ROTARY MANIFOLD (810) 5/8 X 5/8	
11	-UP	2	KEY, COTTER	
12	-UP	2	PIN,	
13	52395-UP	2	NUT, JAM .63-18NF HEX (PLATED)	
14	52394-UP	1	STUD, 5/8"-18NF X 7.5 LG (ZINC PLATED)	
15	12463-UP	24	SPACER, bolt - upper turntable mounting	
16	18532-UP	24	WASHER, SAE FLAT THICK - 1"	
17	18535-UP	24	BOLT - 1" x 5" (Torque to 1000 ft.lbs (1350 Nm))	




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



Note: 1

Use Loctite 272 (blue) during installation. MOTOR, SWING - L&S W/56 MOTOR



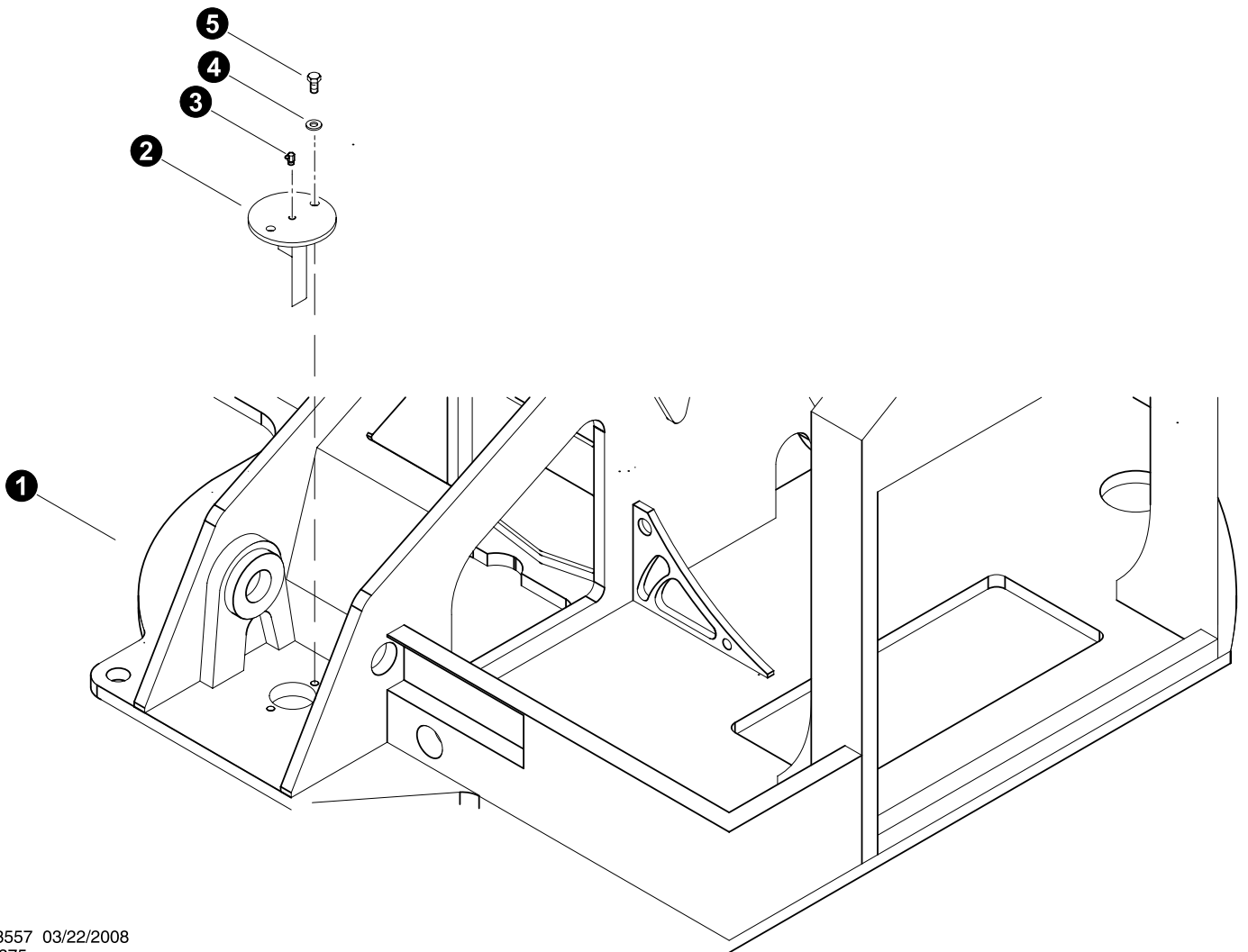
UPPER TURNTABLE INSTALLATION (Leveling Machine)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52852-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE (Machine 8TF-0314 and TL725B-0026 and before)	
1	53770-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE "FLUSH FRONT" (Machines 0315-080609 until 0327-123109)	
1	54024-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE "ECCENTRIC SWING" (Machine 0328-021010 and after)	
2	19631-UP	1	BEARING, swing	
3	51690-UP	30	BOLT, ALLEN HEAD - 1" X 4.5" (Torque to 1000 ft.lbs (1355 Nm))	
4	15565-UP	4	BOLT - 1/2" x 2-1/2"	
5	15534-UP	10	WASHER, SAE flat - 1/2"	
6	REF.	1	 ROTARY MANIFOLD	UP-1
7	10815-UP	4	NUT, lock - 1/2"	
8	52379-UP	1	BRACKET, SWIVEL LOCK - TORQUE ARM NEW	
9	22463-UP	2	BOLT, special - 1/2" x 1-1/4" (Hole drilled in head for safety wire)(See Note 1 Below)	
	22464-UP	10"	WIRE, safety - 16 gauge	
10	52381-UP	2	 YOKE, ROTARY MANIFOLD (810) 5/8 X 5/8	
11	-UP	2	KEY, COTTER	
12	-UP	2	PIN,	
13	52395-UP	2	NUT, JAM .63-18NF HEX (PLATED)	
14	52394-UP	1	STUD, 5/8"-18NF X 7.5 LG (ZINC PLATED)	
15	REF.	1	 LOWER TURNTABLE - LEVELING FRAME	BF-1 / HL-1
16	18532-UP	24	WASHER, SAE FLAT THICK - 1"	
17	18580-UP	24	BOLT - 1" x 8" (Torque to 1000 ft.lbs (1350 Nm))	

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


Note: 1



Use Loctite 272 (blue) during installation.



T3557 03/22/2008
9.375

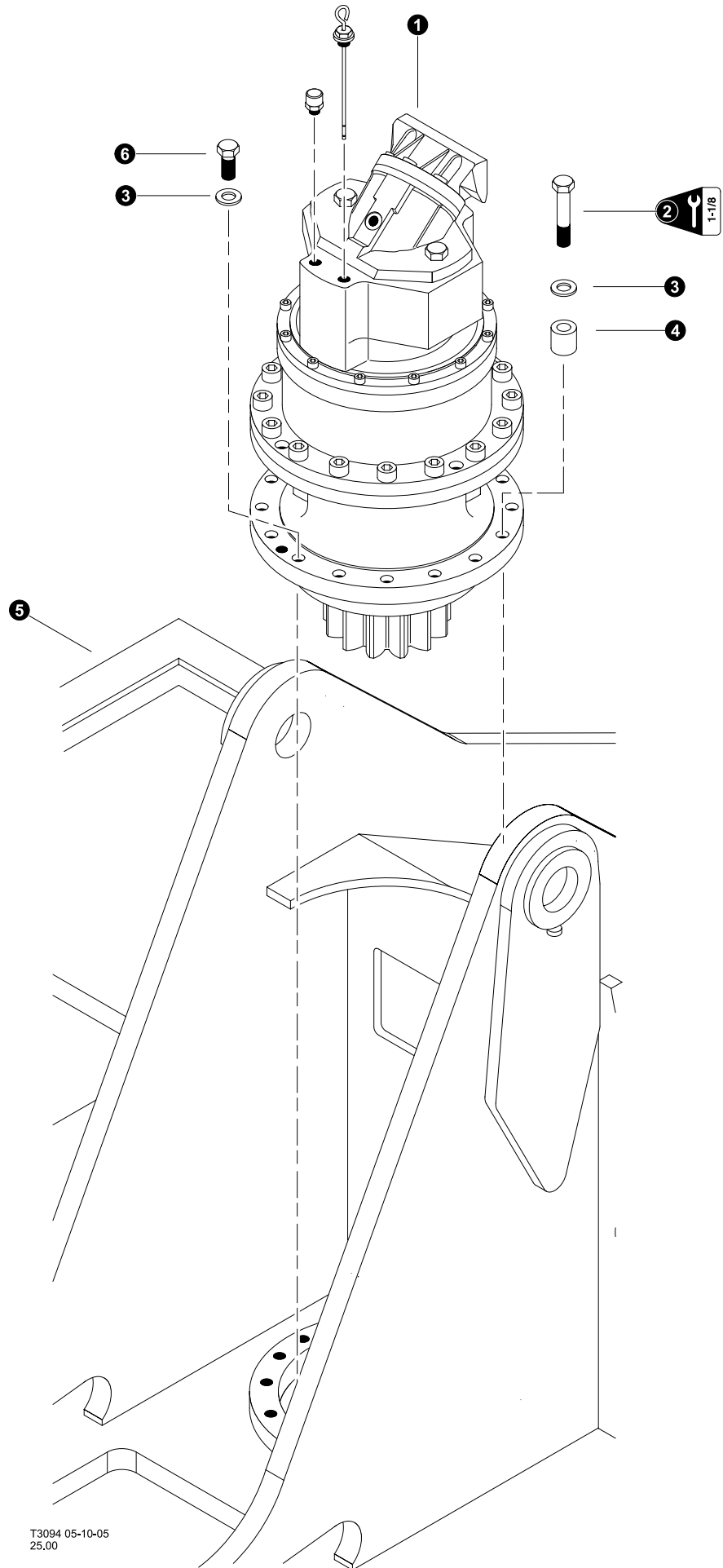
UPPER TURNTABLE INSTALLATION (Swing Bearing Grease Line)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	17612-UP	1	CUP, BULL GEAR GREASE - WIDE GEAR	
3	15662-UP	1	FITTING, GREASE - .25-28" - 90	
4	15528-UP	2	WASHER, SAE FLAT - .375"	
5	15542-UP	2	BOLT - .375" X .75"	

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

Note: 1



Use Loctite 272 (blue) during installation.



T3094 05-10-05
25.00

SWING MOTOR INSTALLATION (Lohmann/Rexroth)

Machines built before 0327-123109

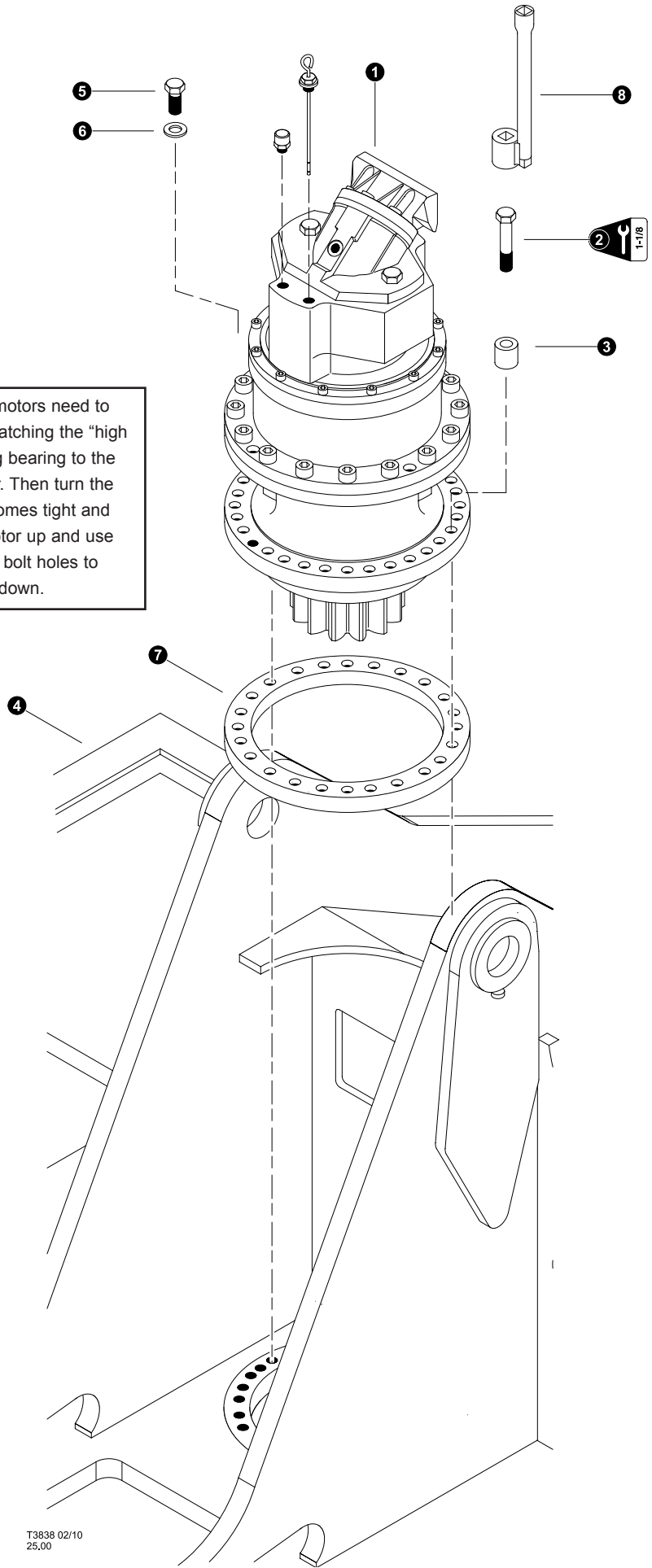
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SWING MOTOR - Lohmann/Rexroth	LH,HH
2	10720-UP	15	BOLT - 5/8" x 3" (Torque to 230 ft.lbs (310 Nm)) (see note 1)	
3	10771-UP	16	WASHER, SAE flat - 5/8"	
4	19242-UP	15	SPACER, bolt	
5	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
6	15502-UP	1	BOLT - .625" X 1.5" (Torque to 230 ft.lbs (310 Nm)) (see note 1)	

 See reference page for component or assembly breakdown.

Note: 1

Use Loctite 272 (red - high strength) during installation.



Eccentric swing motors need to be installed by matching the "high side" of the swing bearing to the swing motor gear. Then turn the motor until it becomes tight and then back the motor up and use the closest set of bolt holes to fasten the motor down.



T3838 02/10
25,00

SWING MOTOR INSTALLATION (Lohmann/Rexroth)

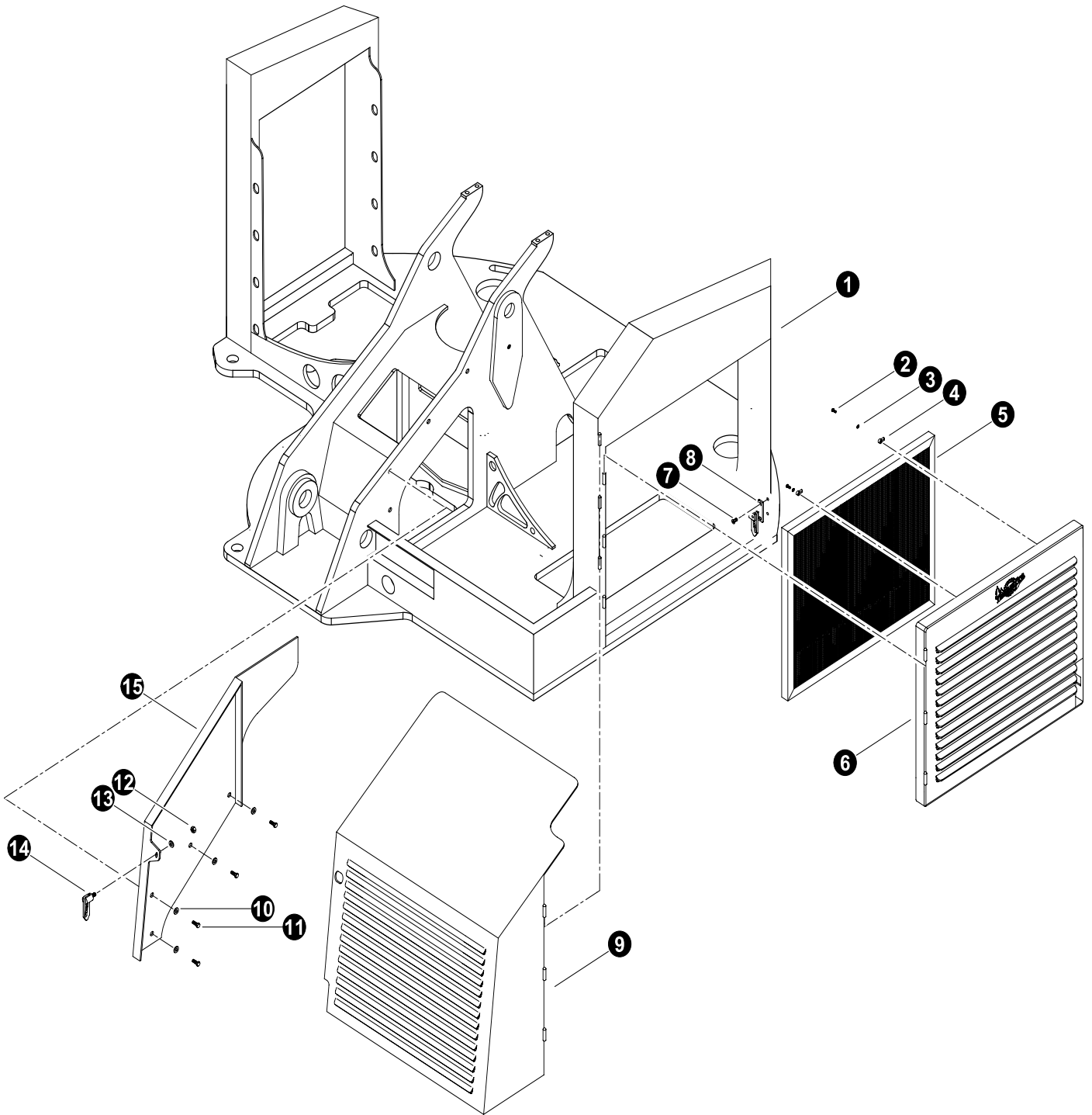
Machines built after 0328-021010

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		SWING MOTOR - Lohmann/Rexroth	LH,HH
2	10720-UP	23		BOLT - 5/8" x 3.75" (Torque to 230 ft.lbs (310 Nm)) (see note 1)	
3	19242-UP	23		SPACER, bolt	
4	REF.	1		UPPER TURNTABLE WELDMENT	UP-1
5	15517-UP	1		BOLT - .625" X 2.5" (Torque to 230 ft.lbs (310 Nm)) (see note 1)	
6	10771-UP	1		WASHER, SAE flat - 5/8"	
7	54026-UP	1		SPACER, SWING MOTOR	
8	-UP	1		TOOL, Swing Motor Torque Socket	

 See reference page for component or assembly breakdown.


Note: 1


Use Loctite 272 (red - high strength) during installation.

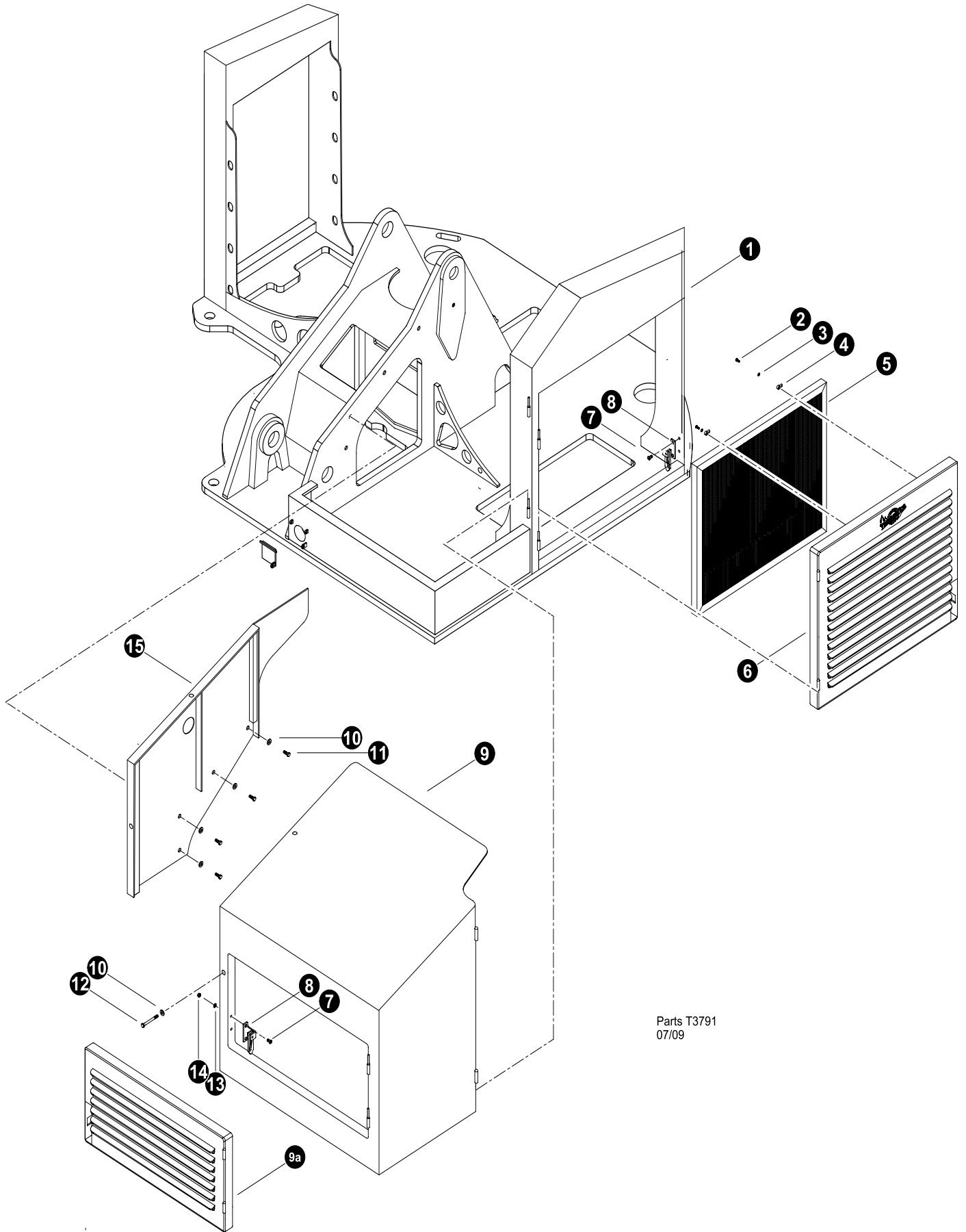


Parts T3558
03/19/08

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION
Front Door and Side Radiator Door Install
(Machine 8TF-0314 and TL725B-0026 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	15576-UP	2	BOLT - .25" X 1"	
3	10757-UP	4	WASHER, SAE FLAT - .25"	
4	24542-UP	2	LATCH, SCREEN (RADIATOR)	
5	52201-UP	1	SCREEN, RADIATOR 630/810/830	
6	52980-UP	1	DOOR, - RADIATOR	
7	51850-UP	2	BOLT, CAM LATCH - FHSCS 3/8 - 16 X 1 ZB	
8	51657-UP	1	LATCH, CAM - DOOR R.H. (RADIATOR-GULLW)	
9	52926-UP	1	DOOR, FRONT SWING OUT +3	
10	15528-UP	4	WASHER, SAE FLAT - .375"	
11	11707-UP	4	BOLT - .375" X 1"	
12	10815-UP	1	NUT, LOCK - .5"	
13	10804-UP	3	WASHER, flat - 1/2"	
14	51883-UP	1	LATCH, CAM - 1.5" FRONT DOOR 630/830	
15	53054-UP	1	PANEL, INSIDE FRONT DOOR	


 See reference page for component or assembly breakdown.



Parts T3791
07/09

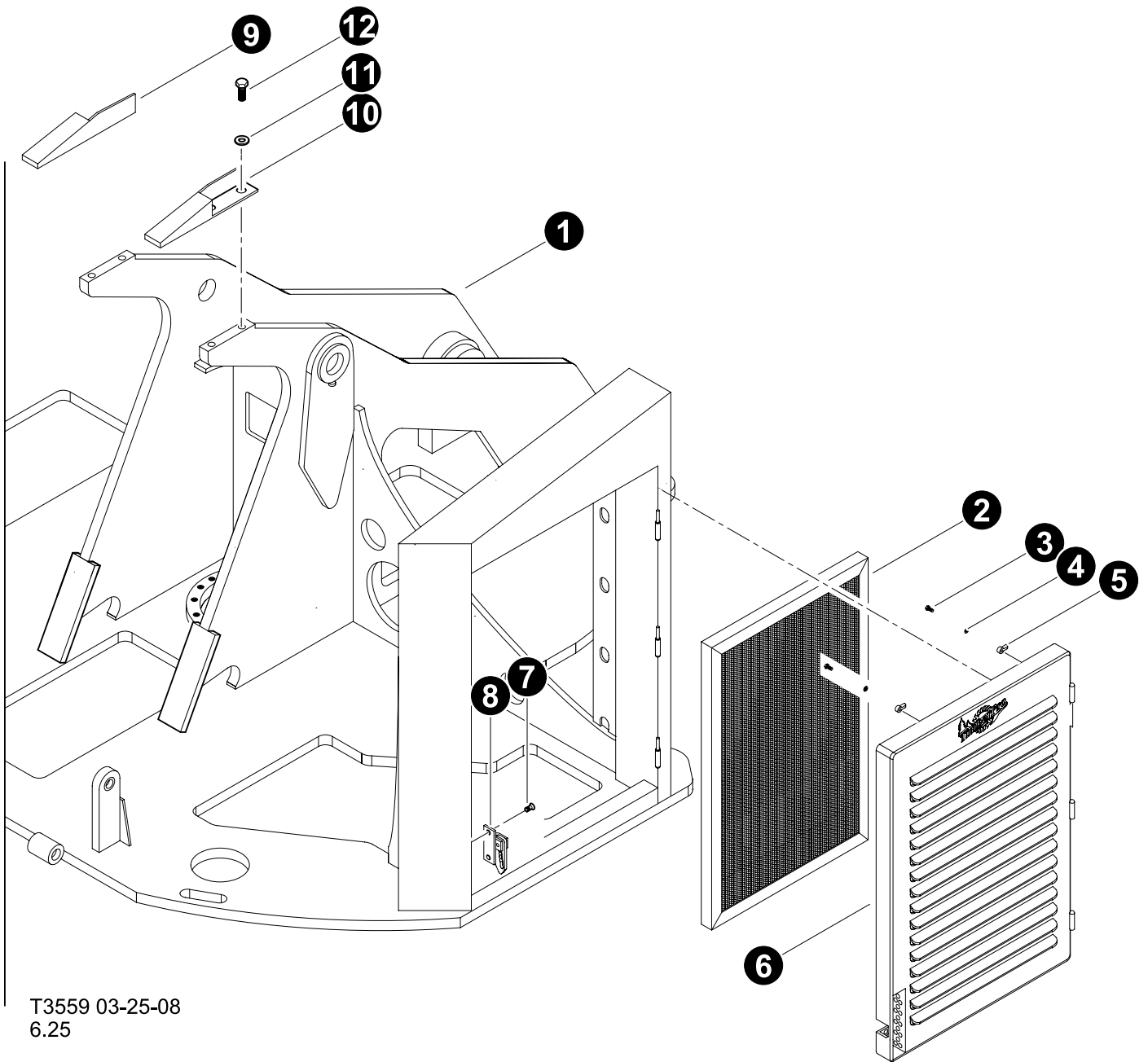
UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION

Front Door and Side Radiator Door Install
(Machine TL725B-0027 and anything built after 07/16/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	15576-UP	2	BOLT - .25" X 1"	
3	10757-UP	4	WASHER, SAE FLAT - .25"	
4	24542-UP	2	LATCH, SCREEN (RADIATOR)	
5	52201-UP	1	SCREEN, RADIATOR 630/810/830	
6	52980-UP	1	DOOR, - RADIATOR	
7	51850-UP	2	BOLT, CAM LATCH - FHSCS 3/8 - 16 X 1 ZB	
8	51657-UP	1	LATCH, CAM - DOOR R.H. (RADIATOR-GULLW)	
9	53878-UP	1	DOOR, FRONT SWING OUT-FLUSH FRONT UPPER	
9a	53879-UP	1	DOOR, FRONT LOUVERD-FLUSH FRONT UPPER	
10	15528-UP	4	WASHER, SAE FLAT - .375"	
11	11707-UP	4	BOLT - .375" X 1"	
12	10834-UP	2	BOLT - .5" X 4"	
13	15528-UP	2	WASHER, SAE FLAT - .375"	
14	-UP	1	LATCH, CAM - 1.5" FRONT DOOR 630/830	
15	53877-UP	1	PANEL, INSIDE FRONT DOOR-FLUSH FRONT UPPER	




See reference page for component or assembly breakdown.



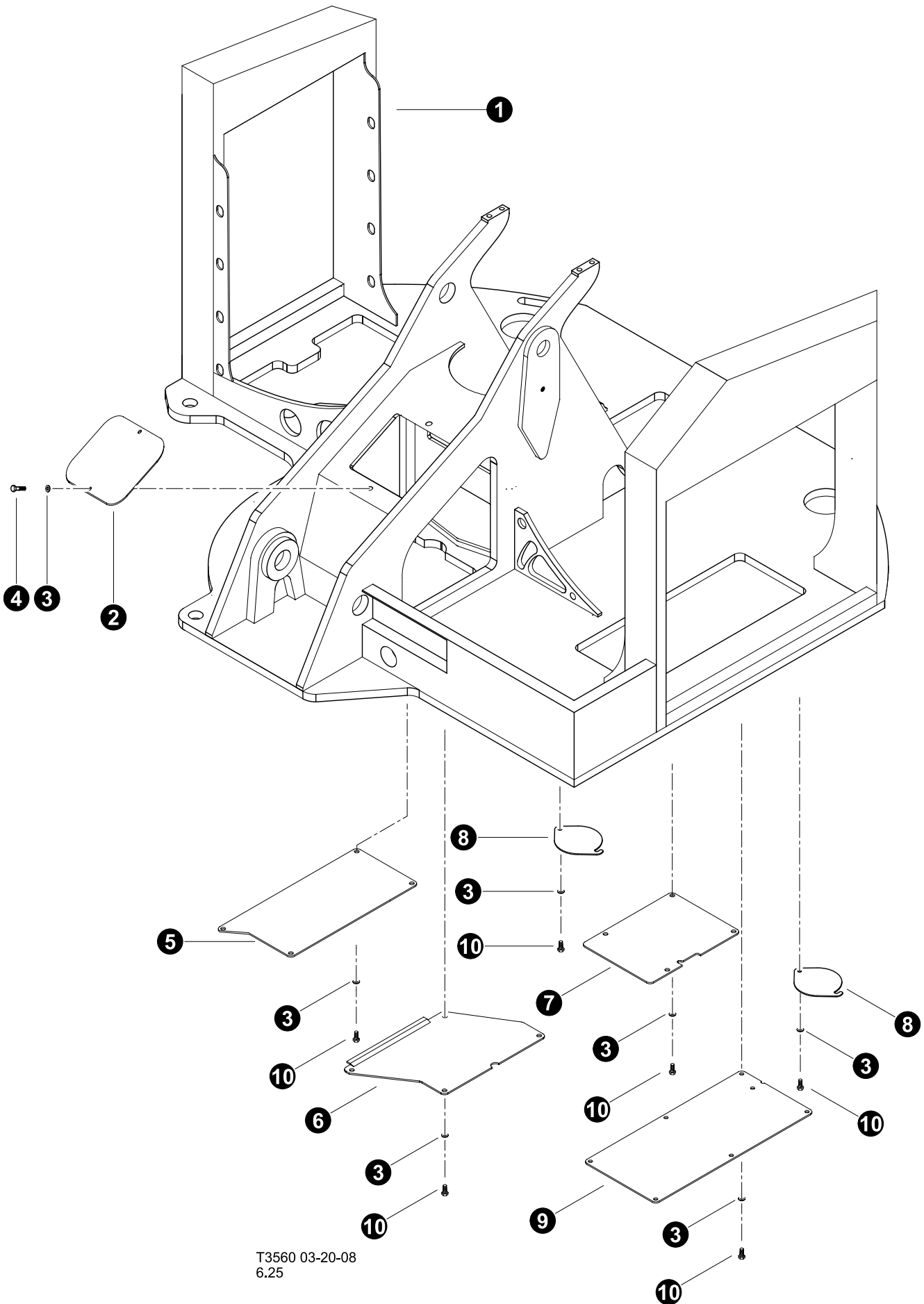
T3559 03-25-08
6.25

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Rear Panels and Oil Cooler Door Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	52200-UP	1	SCREEN, OIL COOLER 630/810/830	
3	15576-UP	2	BOLT - .25" X 1"	
4	10757-UP	4	WASHER, SAE FLAT - .25"	
5	24542-UP	2	LATCH, SCREEN (Oil Cooler)	
6	51660-UP	1	DOOR, OIL COOLER	
7	51850-UP	2	BOLT, CAM LATCH - FHSCS 3/8 - 16 X 1 ZB	
8	51658-UP	1	LATCH, CAM - DOOR L.H. (OIL COOLER)	
9	53131-UP	1	WEDGE, GULLWING STOP R.H.	
10	53132-UP	1	WEDGE, GULLWING STOP L.H.	
11	10771-UP	4	WASHER, SAE FLAT - .625"	
12	15502-UP	4	BOLT - .625" X 1.5"	




See reference page for component or assembly breakdown.






T3560 03-20-08
6.25


UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (COVER INSTALLATIONS)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	40894-UP	1	COVER, RISER	
3	15534-UP	24	WASHER, SAE flat - 1/2"	
4	10739-UP	2	BOLT - 1/2" x 1-1/2"	
5	52895-UP	1	COVER, OIL COOLER OUTSIDE - BOTTOM	
6	52894-UP	1	COVER, OIL COOLER INSIDE BOTTOM	
7	52896-UP	1	COVER, REAR BOOM BOTTOM	
8	12150-UP	2	COVER, ACCESS - RAD FILL / STEER CYL	
9	51946-UP	1	COVER, RADIATOR BOTTOM	
10	10783-UP	22	BOLT - .5" X 1"	

 See reference page for component or assembly breakdown.

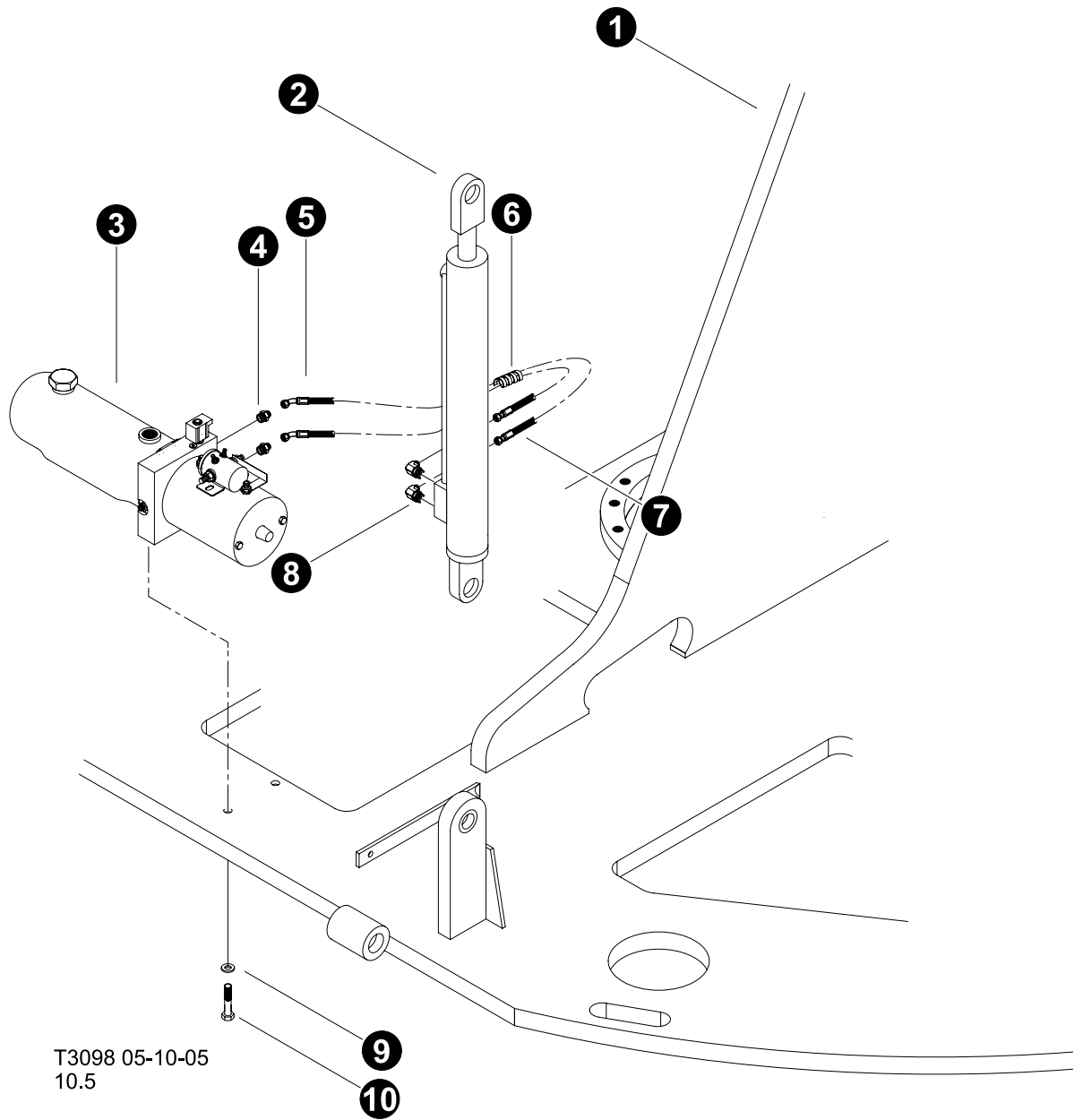
UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Gull Wing Door Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	52025-UP	1	BOLT, GULLWING CYL. - 1.25" - 7 X 7"	
3	52026-UP	2	NUT,HEX GULLWING CYL. - 1.25" - GRD 9 (See Note1)	
4	REF.	1	 GULL WING CYLINDER.	UP-1
5	22531-UP	4	WASHER, SAE FLAT - 1.25"	
6	52844-UP	1	LINK, GULLWING SAFETY CHAIN	
7	51936-UP	2	CLEVIS, 3/8" - GULLWING	
8	51934-UP	1	CHAIN, 35 LINK - GULLWING	
9	52024-UP	1	BOLT, GULLWING CYL. - 1.25" - 5.5"	
10	10711-UP	2	NUT, HEX - .5"	
11	51935-UP	1	BOLT, EYE - LIFT .5" - GULLWING	
12	15579-UP	4	WASHER, SAE FLAT - 1"	
13	18253-UP	2	NUT, LOCK - 1"	
14	18529-UP	2	BOLT - 1" X 9" (Cut down to 7.5")	
15	REF	1	 DOOR, GULLWING - ASSEMBLY	UP-1




 See reference page for component or assembly breakdown.

Note: 1

Use Loctite 272 (blue) during installation.



UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Gull Wing Lift Pump Installation)

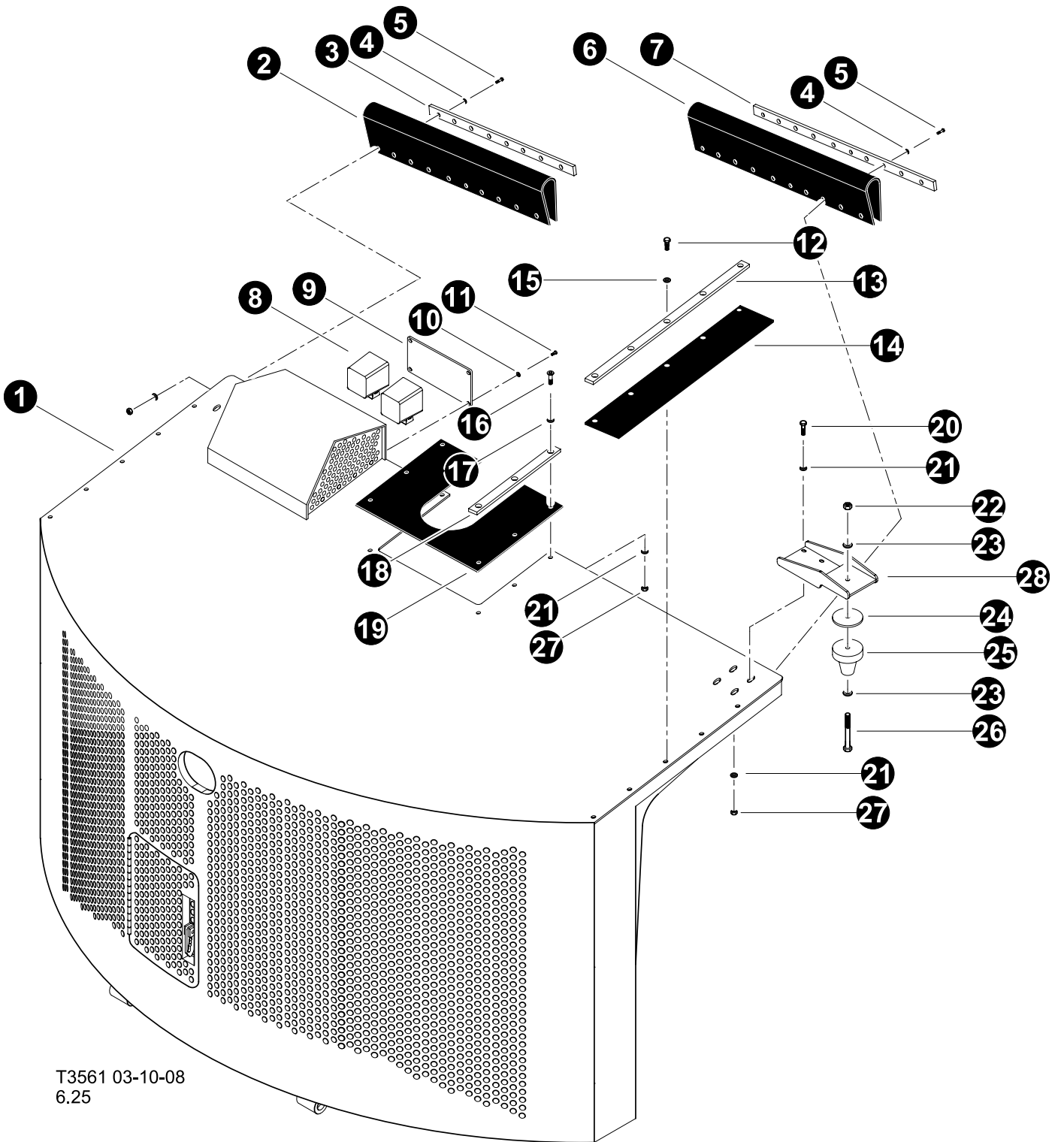
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		UPPER TURNTABLE WELDMENT	UP-1
2	REF.	1		GULL WING CYLINDER.	UP-1
3	51577-UP	1		PUMP, POWER UNIT - GULL WING	
4	15124-UP	2		CONNECTOR, STR - FF1852T-0406S	
5	50606-UP	1		HOSE ASSEMBLY - 2043-04OS-0404	
6	20843-UP	3ft		PROTECTOR, HOSE - SPRIAL (.78")(BULK)	
7	50606-UP	1		HOSE ASSEMBLY - 2043-04OS-0404	
8	15133-UP	2		ELBOW, 90 - FF1868T-0406S	
9	15528-UP	2		WASHER, SAE FLAT - .375"	
10	15529-UP	2		BOLT - .375" X 2"	



See reference page for component or assembly breakdown.



Item sold in bulk (per foot). Please specify on order amount needed.



T3561 03-10-08
6.25

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Gull Wing Assembly and Installation)

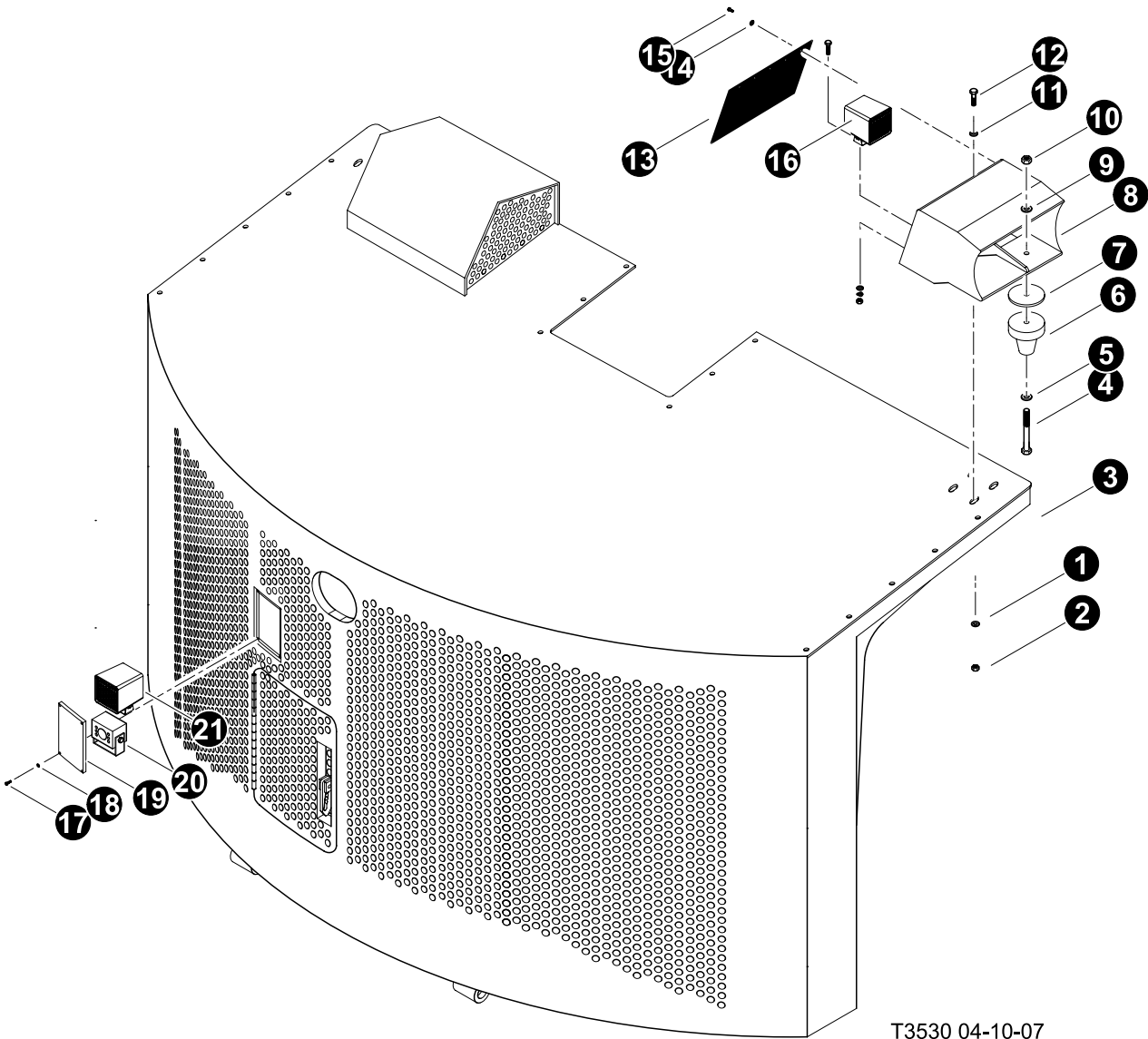
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52853-UP	1	DOOR, GULLWING+3"	
2	52833-UP	1	BELTING, GULLWING END - SHORT	
3	52835-UP	1	RETAINER, GULLWING END BELTING - SHORT	
4	10757-UP	36	WASHER, SAE FLAT - .25"	
5	15575-UP	18	BOLT - .25" X 1.5"	
6	52834-UP	1	BELTING, GULLWING END - LONG	
7	52836-UP	1	RETAINER, GULLWING END BELTING - LONG	
8	REF	2	LIGHTS	ES-1
9	53029-UP	1	LEXAN, LIGHT COVER -GULLWING	
10	10757-UP	4	WASHER, SAE FLAT - .25"	
11	18309-UP	4	BOLT - .25" X 1.25"	
12	10731-UP	10	BOLT - .375" X 1.5"	
13	42645-UP	2	BAR, GULLWING RUBBER STIFFENER	
14	42646-UP	2	RUBBER, SEAL - GULLWING UPPER SEAM	
15	15528-UP	10	WASHER, SAE FLAT - .375"	
16	52199-UP	6	BOLT, BUTTON HEAD - 3/8"-16 X 1-1/4" USS	
17	15528-UP	6	WASHER, SAE FLAT - .375"	
18	42689-UP	2	BAR, RUBBER RETAINER - BOOM	
19	52842-UP	1	BELTING, GULLWING CENTER	
20	10402-UP	8	BOLT - .375" X 1.25"	
21	10802-UP	16	WASHER, FLAT - .375"	
22	10815-UP	2	NUT, LOCK - .5"	
23	15534-UP	4	WASHER, SAE FLAT - .5"	
24	15524-UP	2	WASHER, ISOLATOR MOUNT - .625" X 3.5"	
25	51702-UP	2	ISOLATOR, GULLWING MOUNTING-URETHANE	
26	10835-UP	2	BOLT - .5" X 4.5"	
27	10813-UP	14	NUT, LOCK - .375"	
28	51776-UP	2	MOUNT, GULLWING TOP	



See reference page for component or assembly breakdown.



Item sold in bulk (per foot). Please specify on order amount needed.



T3530 04-10-07
9.375

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Gull Wing Options)

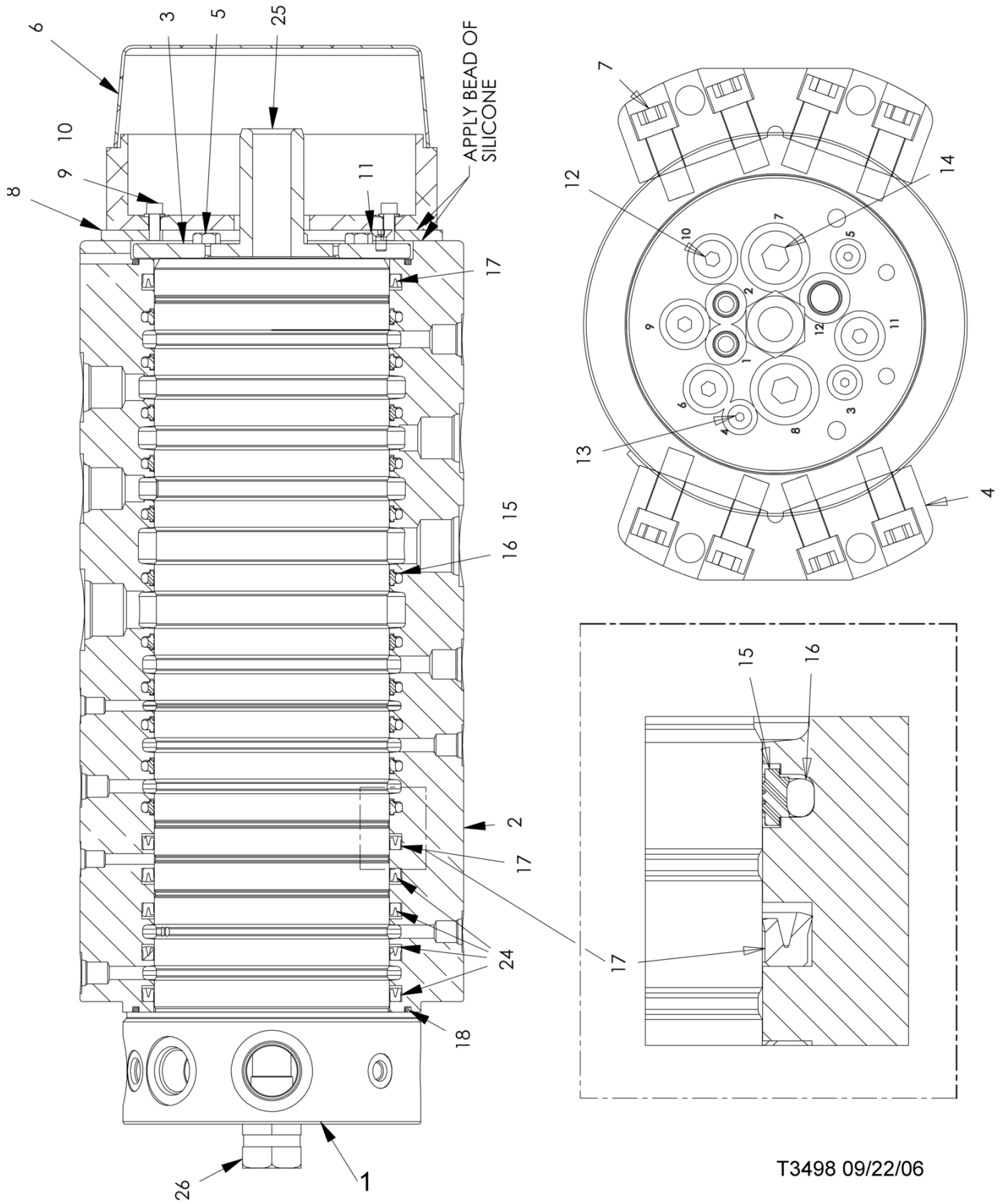
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10802-UP	16	WASHER, FLAT - .375"	
2	10813-UP	16	NUT, LOCK - .375"	
3	REF	1	DOOR, GULLWING	UP-1
4	10835-UP	2	BOLT - .5" X 4.5"	
5	15534-UP	4	WASHER, SAE FLAT - .5"	
6	51702-UP	2	ISOLATOR, GULLWING MOUNTING	
7	15524-UP	2	WASHER, ISOLATOR MOUNT - .625" X 3.5"	
8	52664-UP	1	BRACKET, LIGHT GULLWING MOUNTED R.H.	
-	52665-UP	1	BRACKET, LIGHT GULLWING MOUNTED L.H.	
9	15534-UP	4	WASHER, SAE FLAT - .5"	
10	10815-UP	2	NUT, LOCK - .5"	
11	10802-UP	16	WASHER, FLAT - .375"	
12	10402-UP	16	BOLT - .375" X 1.25"	
13	52750-UP	1	BELTING, LIGHT BRACKET GUARD	
14	10800-UP	10	WASHER, FLAT - .25"	
15	23264-UP	10	BOLT - .25" X .5"	
16	REF	4	LIGHT,	ES-1
17	15576-UP	4	BOLT - .25" X 1"	
18	10757-UP	4	WASHER, SAE FLAT - .25"	
19	53048-UP	1	LEXAN, LIGHT/CAMERA COVER -GULLWING	
20	REF	4	CAMERA, Rearview System	ES-2
21	REF	4	LIGHT,	ES-1



See reference page for component or assembly breakdown.



Item sold in bulk (per foot). Please specify on order amount needed.



T3498 09/22/06

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION

(HYDRA DYNE TECHNOLOGY - ROTARY MANIFOLD)
Used on machine 0279-100208 and before 0280 and Above

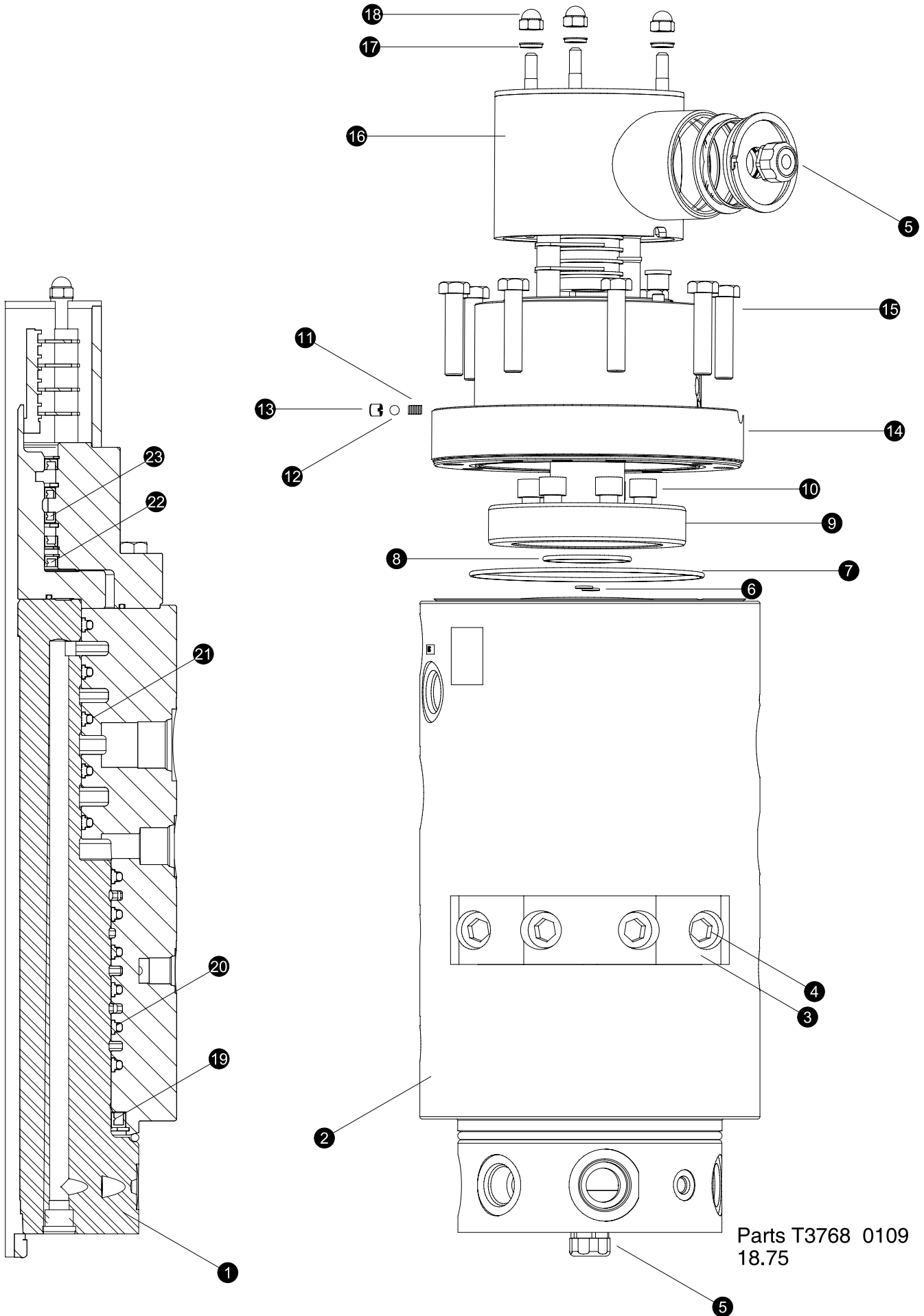
REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52377-UP	1	☐ MANIFOLD, ROTARY - 12 PORT (Hydra Dyne) (0166 & 0170 and above)	
1		1	SPOOL, ROTARY - TP1214001	
2		1	BARREL, 12 PASS ROTARY - TP1214002	
3		1	RETAINER, SPOOL - HD1214020	
4		2	MOUNTING PLATE - TP1214003	
5		8	HEX BOLT 3/8-16 BY 0.75 / 35 FT-LBS - HHCS 06-16-075	
6		1	ELECTRIC SLIP RING - S15DP07LM1	
7		8	SHCS METRIC CLASS 12.9 - SHCS M16X040	
8		1	MOUNTING PLATE - TP1214004	
9		4	SHCS 1/4-20X0.625 / 9 FT-LBS - SHCS 04-20-.63	
10		4	LOCKWASHER 1/4" - 33891	
11		4	FLAT HEAD CAP SCREW - FHCS-04-20-0.50	
12		4	STEEL PLUG, SAE #8 ORB33 FT-LBS - 05HP08	
13		3	STEEL PLUG, SAE #4 ORB11 FT-LBS - 05HP04	
14		2	STEEL PLUG, SAE #12 ORB68 FT-LBS - 05HP12	
15		11	⌘ GLIDELOC SEAL - RN 140 250A RO	
16		11	⌘ O-RING HNBR 70 - N1173-70-359	
17		2	⌘ SEAL ENVIROMENTAL - NSS01P140155080	
18		2	⌘ PISTON RING - TFE-SQ-06500	
19		8	⌘ PLASTIC PLUG, SAE #6 ORB - RPO-106	
20		4	⌘ PLASTIC PLUG, SAE #8 ORB - RPO-108	
21		3	⌘ PLASTIC PLUG, SAE #4 OR - RPO-104B	
22		4	⌘ PLASTIC PLUG, SAE #16 ORB - RPO-116	
23		6	⌘ PLASTIC PLUG, SAE #12 ORB - RPO-112	
24		4	⌘ SEAL ENVIROMENTAL - PUC-2006-1128	
25		1	TORQUE TUBE - TP1214005	
26		1	FITTING, LIQUID TIGHT - TB 2931	
-	52615-UP	1	⌘ KIT, SEAL REPAIR - ROTARY MAN - 52377	

☐ See reference page for component or assembly breakdown.

☐ Kit or Assembly - includes all items indented underneath.

⌘ Parts Included in Seal Repair Kit.


Please contact TimberPro Dealer or Factory before attempting to disassemble or repair rotary manifold. Rotary manifolds need to be serviced by authorized TimberPro service technicians only.




Parts T3768 0109
18.75

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION**(HYDRA DYNE TECHNOLOGY - ROTARY MANIFOLD)****Used on machine 0280-101008 to 0326-123009**

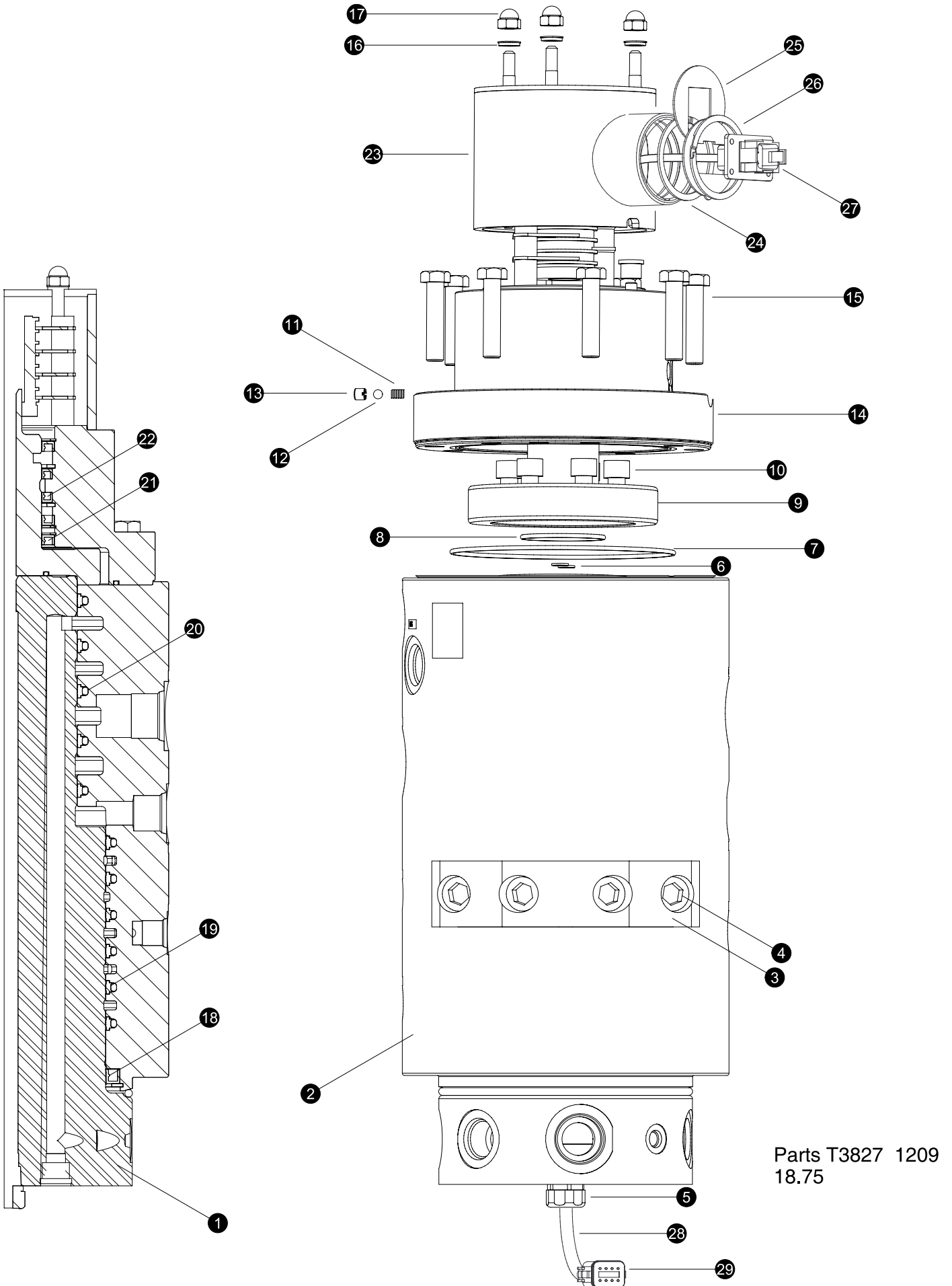
REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	53605-UP	1	☐	MANIFOLD, ROTARY - 12 PORT (Hydra Dyne) (0280-present)	
1	TP121431	1		SPOOL, ROTARY -	
2	TP121432	1		BARREL, 12 PASS ROTARY -	
3	HD1214003	2		MOUNTING PLATE -	
4		8		BOLT, Allen - M16 X 40MM (202 FTLBS)	
5	HD121417	2		FITTING, Liquid tight (electrical)	
6	N1470-012	2		O-RING - 1/2" X 3/8" X 1/6"	
7	N1470-258	1		O-RING - 6 1/4" X 6" X 1/8"	
8	N1407-227	1		O-RING - 2 3/8" X 2 1/8" X 1/8"	
9	HD1414006	1		SPOOL, FUEL	
10		6		BOLT, ALLEN HEAD - 12MM-1.75P X 20MM (81 FTLBS)	
11	C0610-041-0095S	1		SPRING,	
12		1		BALL, STEEL 1/4"	
13	329-008	1		INSERT, EZ LOCK	
14	HD1414-005	1		CAP, FUEL	
15		8		BOLT, M12 X 55MM (70 FTLBS)	
16	52007-UP	1	☐	SLIP RING UNIT (7 WIRE)	
-	RCAA093782	1		HARNESS, CENTER	
-	RCAA093783	1		HARNESS, BRUSHES	
-	HD091407	3		STUD, 5/16"	
-	HD091415	1		COVER, SLIP RING	
-	HD091412	1		CAP, TOP - SLIP RING	
-	S08XP07HDT1	1		ELECTRICAL ASSEMBLY (7 WIRE)	
17	33156	3		WASHER, SEAL	
18	70961	3		NUT, ACORN	
19	U90-363	1		ORING, URETHANE	
-	HD1014007	1		SEAL, ENVIRO 140MM	
-	WH-629	1		SPIRAL SNAP RING	
20	RN140250AR0	6		GLIDELOC SEAL	
-	N1173-70-359	6		ORING HNBR 70	
21	RN100250AR0	5		GLIDELOC SEAL	
-	N1173-70-346	5		ORING HNBR 70	
22	HD050068070	3		SEAL, ENVIRO 50MMX68X7	
-	WH-267	3		SPIRAL SNAP RING	
23	HD050065070	3		SEAL, ENVIRO 50MMX65X7	
-	WHM-256	3		SPIRAL SNAP RING	
-	-UP	1	⌘	KIT, SEAL REPAIR - ROTARY MAN - 52377	

 See reference page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.

 Parts Included in Seal Repair Kit.

Please contact TimberPro Dealer or Factory before attempting to disassemble or repair rotary manifold. Rotary manifolds need to be serviced by authorized TimberPro service technicians only.



Parts T3827 1209
18.75

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION**(HYDRA DYNE TECHNOLOGY - ROTARY MANIFOLD)****Used on machines built after 0326-123009**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	53605-UP	1	☐ MANIFOLD, ROTARY - 12 PORT (Hydra Dyne) (0327-present)	
1	TP121431	1	SPOOL, ROTARY -	
2	TP121432	1	BARREL, 12 PASS ROTARY -	
3	HD1214003	2	MOUNTING PLATE -	
4		8	BOLT, Allen - M16 X 40MM (202 FTLBS)	
5	HD121417	2	FITTING, Liquid tight (electrical)	
6	N1470-012	2	O-RING - 1/2" X 3/8" X 1/6"	
7	N1470-258	1	O-RING - 6 1/4" X 6" X 1/8"	
8	N1407-227	1	O-RING - 2 3/8" X 2 1/8" X 1/8"	
9	HD1414006	1	SPOOL, FUEL	
10		6	BOLT, ALLEN HEAD - 12MM-1.75P X 20MM (81 FTLBS)	
11	C0610-041-0095S	1	SPRING,	
12		1	BALL, STEEL 1/4"	
13	329-008	1	INSERT, EZ LOCK	
14	HD1414-005	1	CAP, FUEL	
15		8	BOLT, M12 X 55MM (70 FTLBS)	
16	33156	3	WASHER, SEAL	
17	70961	3	NUT, ACORN	
18	U90-363	1	ORING, URETHANE	
-	HD1014007	1	SEAL, ENVIRO 140MM	
-	WH-629	1	SPIRAL SNAP RING	
19	RN140250AR0	6	GLIDELOC SEAL	
-	N1173-70-359	6	ORING HNBR 70	
20	RN100250AR0	5	GLIDELOC SEAL	
-	N1173-70-346	5	ORING HNBR 70	
21	HD050068070	3	SEAL, ENVIRO 50MMX68X7	
-	WH-267	3	SPIRAL SNAP RING	
22	HD050065070	3	SEAL, ENVIRO 50MMX65X7	
-	WHM-256	3	SPIRAL SNAP RING	
23	54100-UP	1	☐ SLIP RING UNIT (8 WIRE)	
-	S08XP08HDT1	1	ELECTRICAL RINGS AND SHOES ASSEMBLY (8 WIRE)	
24	-UP	1	SEAL	
25	HD121419	1	PLATE, connector mount	
26	HD121420	1	PLATE, connector mount	
-	WHM-250	1	SNAP RING	
27	AD13093		RECEPTICAL, 8 - PIN (AD13096 - lock / AD13013 pins)	
28	-UP		HARNESS,	
-	HD091415	1	COVER, SLIP RING	
-	HD091412	1	CAP, TOP - SLIP RING	
29	AD13092		CONNECTOR, 8 - SOCKET (AD13097 - lock / AD1301 - sockets)	
-	-UP	1	⌘ KIT, SEAL REPAIR - ROTARY MAN - 52377	



See reference page for component or assembly breakdown.

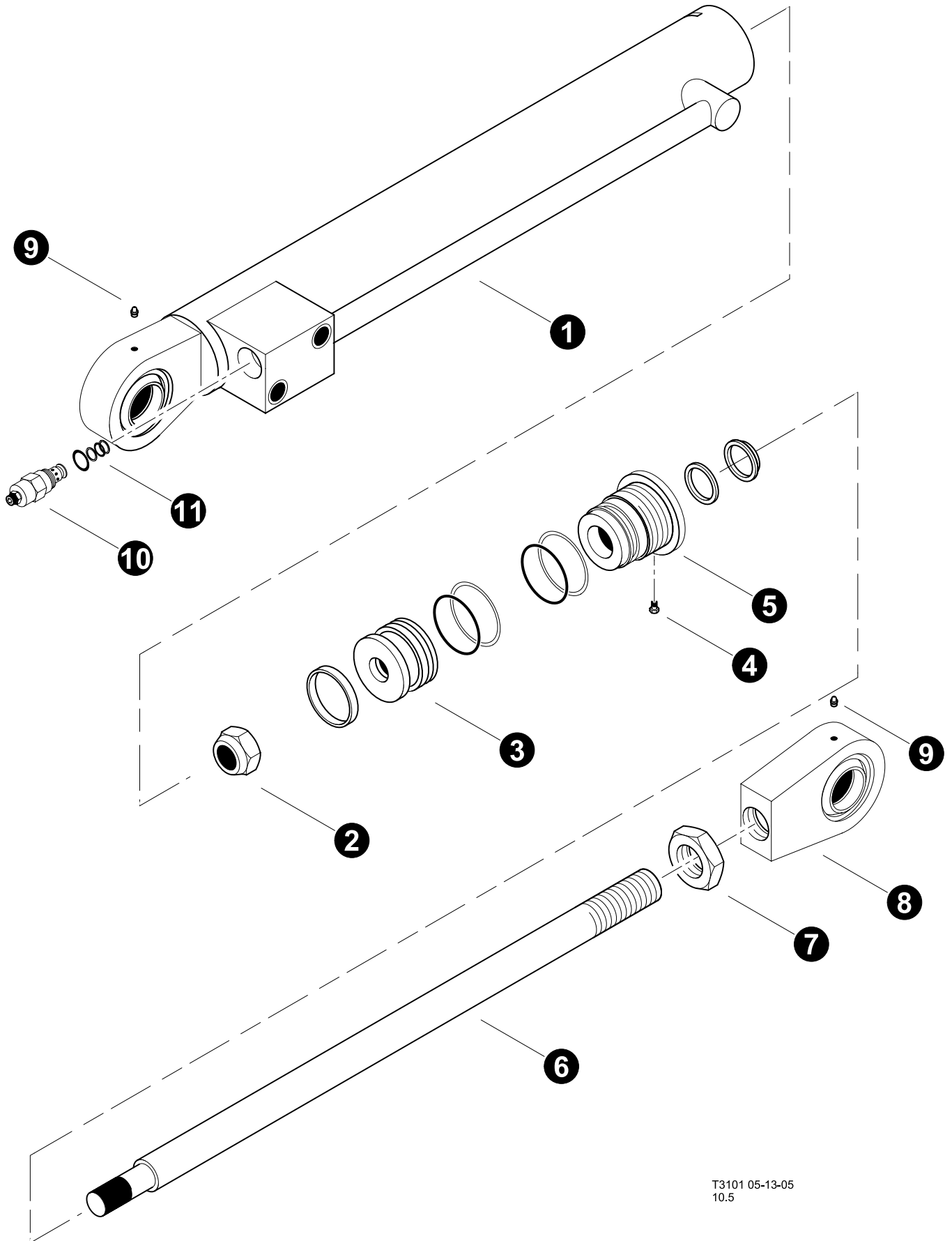


Kit or Assembly - includes all items indented underneath.



Parts Included in Seal Repair Kit.

Please contact TimberPro Dealer or Factory before attempting to disassemble or repair rotary manifold. Rotary manifolds need to be serviced by authorized TimberPro service technicians only.



T3101 05-13-05
10.5

UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Gull Wing Lift Cylinder Breakdown)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51870-UP	1	<input type="checkbox"/> CYLINDER, GULLWING LIFT - 830/630	
1		1	BARREL ASSEMBLY (203026B)	
2		1	NUT (712065A)	
3		1	PISTON ASSEMBLY (400221B)	
4		1	SCREW (711127A)	
5		1	ROD BEARING ASSEMBLY (500736B)	
6		1	ROD ASSEMBLY (301692B)	
7		1	NUT - JAM (712117A)	
8		1	ROD EYE ASSEMBLY (660794B)	
9		2	GREASE FITTING (717000A)	
10		1	VALVE CARTRIDGE (725047A)	
11		1	SEAL KIT - CARTRIDGE (SKV-1021)	
-	52011-UP	1	KIT, SEAL REPAIR - GULL WING CYL	



See reference page for component or assembly breakdown.

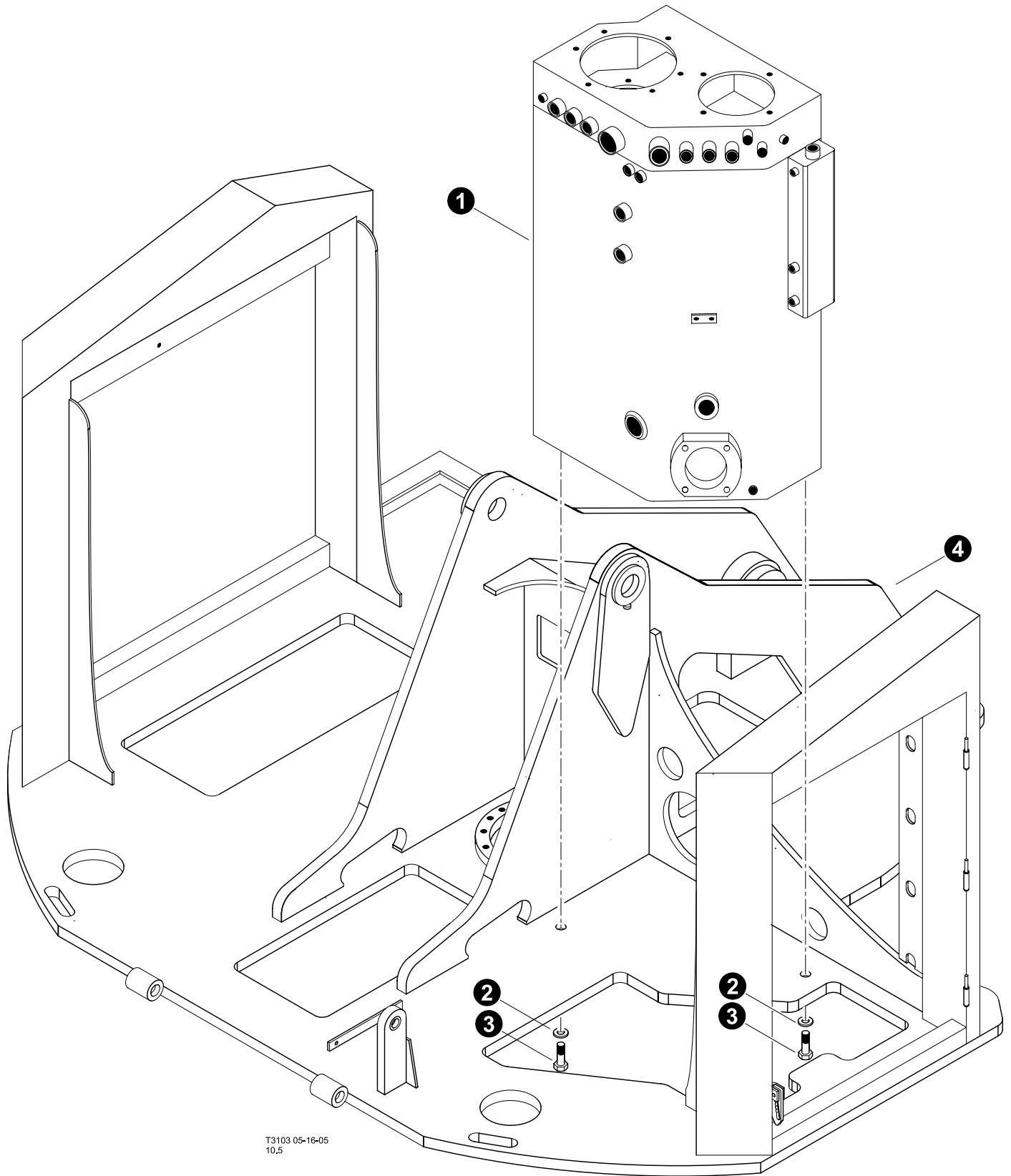


Kit or Assembly - includes all items indented underneath.

Please contact TimberPro Dealer or Factory before attempting to disassemble or repair rotary manifold. Rotary manifolds need to be serviced by authorized TimberPro service technicians only.


Section UP-2



Upper Turntable - Hydraulic Tank



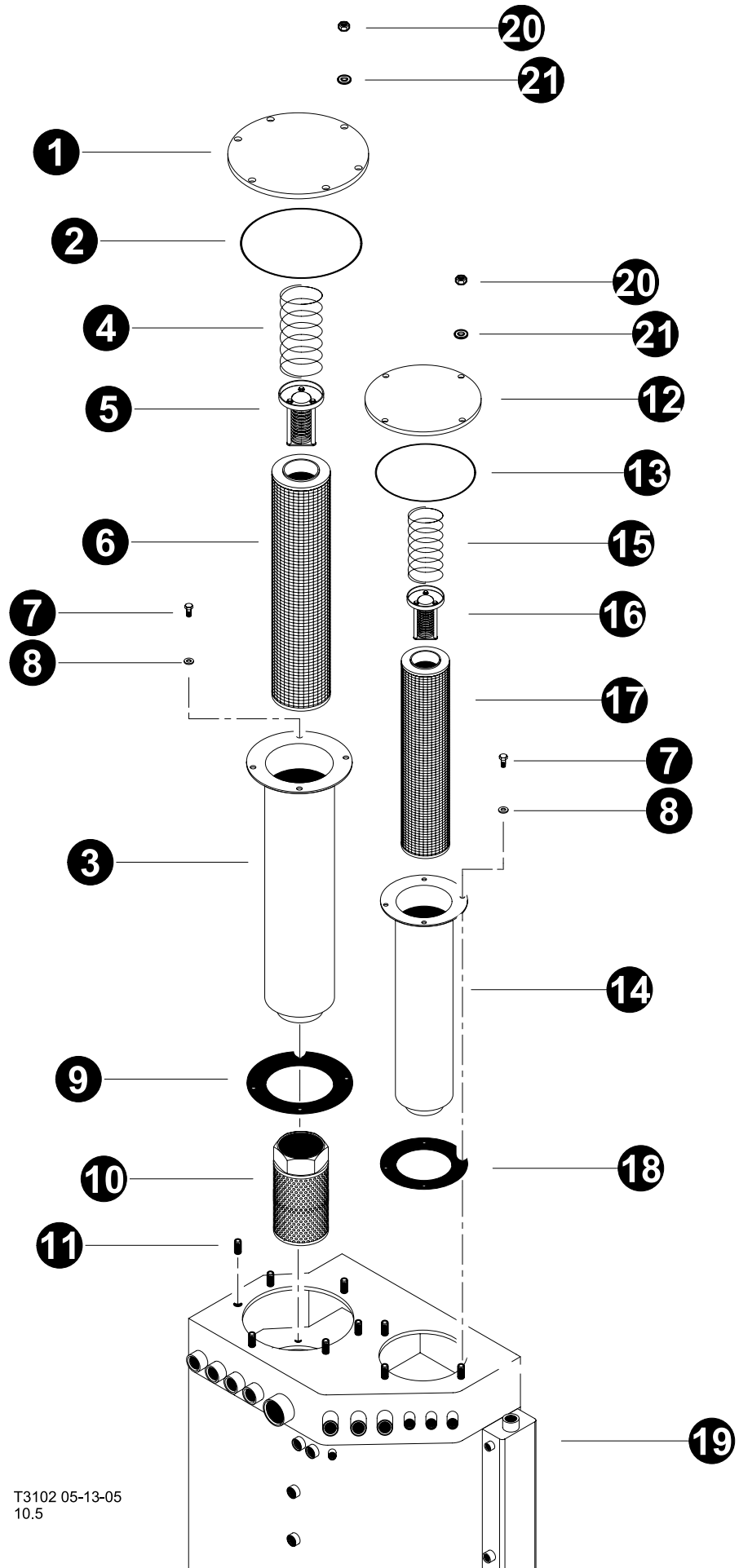
T3103 05-16-05
10.5

HYDRAULIC TANK INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51583-UP	1	TANK, HYDRAULIC OIL (830,840 & 630)	
3	15681-UP	2	BOLT - .625" X 2.25"	
2	10805-UP	2	WASHER, FLAT - .625"	
4	REF	1	 UPPER TURNTABLE ASSEMBLY	UP-1

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

Please contact TimberPro Dealer or Factory before attempting to disassemble or repair rotary manifold. Rotary manifolds need to be serviced by authorized TimberPro service technicians only.

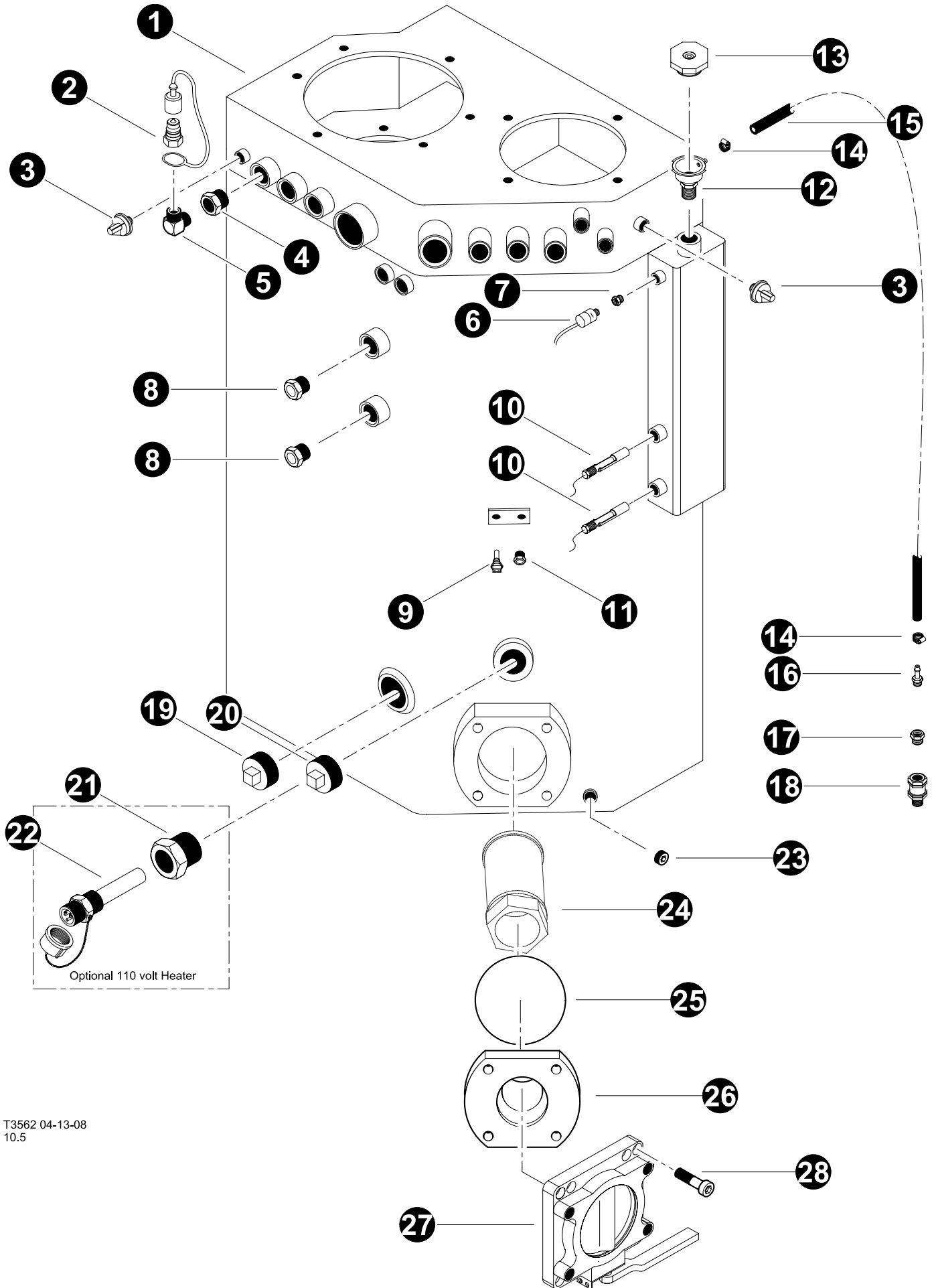


T3102 05-13-05
10.5

HYDRAULIC TANK FILTER ASSEMBLES

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1		1	COVER - RETURN FILTER	
2	42310-UP	1	O-RING	
3	51620-UP	1	☐ FILTER KIT, HYD. TANK MAIN RETURN	
4		1	SPRING, RETURN FILTER	
5		1	BYPASS CHECK, RETURN FILTER	
6	52350-UP	1	ELEMENT, MAIN RETURN HYD TANK	
7	15542-UP	8	BOLT - .375" X .75"	
8	15528-UP	8	WASHER, SAE FLAT - .375"	
9	52126-UP	1	⌘ SEAL, Gasket (BFT-3)	
10	51624-UP	1	DIFFUSER, FILTER - MAIN RETURN HYD TANK	
11	42393-UP	1	STUD - .5"-13NC X .5"-20NF X 2.0LG"	
12		1	COVER - CASE DRAIN	
13	15600-UP	1	O-RING - 8" DIA. -369	
14	51621-UP	1	☐ FILTER KIT, HYD. TANK MAIN RETURN	
15		1	SPRING, CASE DRAIN FILTER	
16		1	BYPASS CHECK, CASE DRAIN FILTER	
17	22647-UP	1	ELEMENT, RETURN FILTER (Case Drain)	
18		1	⌘ SEAL, Gasket (LFT-642)	
19	REF	1	☒ HYDRAULIC TANK ASSEMBLY.....	UP-2
20	42394-UP	10	NUT, HEX .5-20NF	
21	15534-UP	10	WASHER, SAE FLAT - .5"	



- ☒ See reference page for component or assembly breakdown.
- ☐ Kit or Assembly - includes all items indented underneath.
- ⌘ Part of Seal Repair Kit #52126
- ⌘ Part of Seal Repair Kit #16852






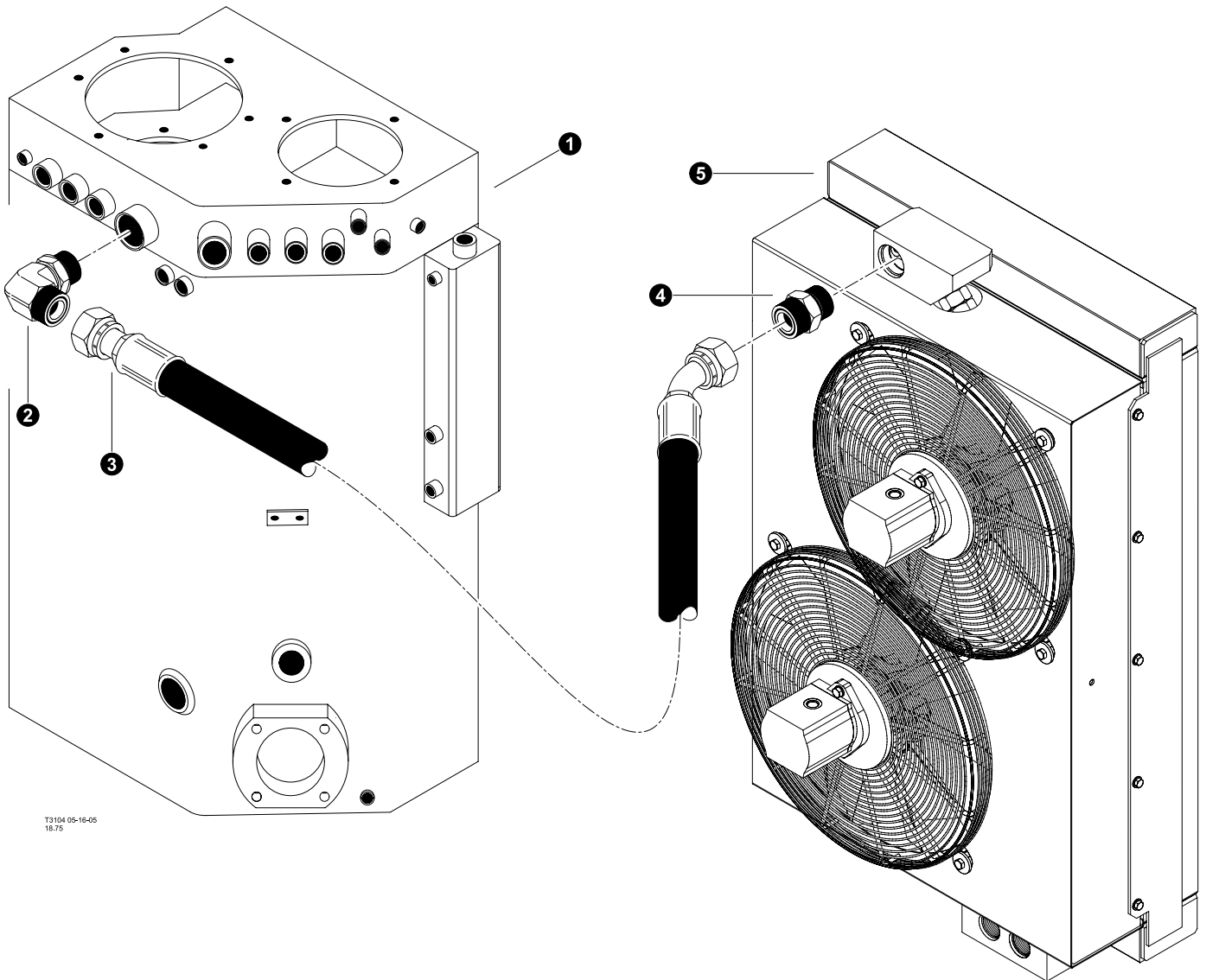
T3562 04-13-08
10.5

HYDRAULIC TANK

Hydraulic Tank Components installation

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.	UP-2
2	17307M-UP	1		QUICK DISCONNECT - .5" (MALE)	
-	17323F-UP	1		COVER, DUST - QUICK DISCONNECT (FEMALE)	
3	51764-UP	2		SWITCH, PRESSURE - SCHROEDER (830/630)	
4	16805-UP	1		BUSHING, REDUCER - 6405-12-8	
5	17487-UP	1		ELBOW, 90 - 5500-8	
6	51737-UP	1		SWITCH, PRESSURE - VACUUM PUMP SHUTOFF	
7	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
8	24308-UP	2		SIGHT GLASS	
9	24531-UP	1		TRANSDUCER, HYD TEMP (IQAN SYSTEM)	
10	51379-UP	2		SWITCH, HYD. OIL LEVEL .50 NPT GEMS	
11	11360-UP	1		PLUG - 5406-P-2	
12	17156-UP	1		STEM, HYDRAULIC TANK RELIEF CAP	
13	18135-UP	1		CAP, HYD. RESERVOIR RELIEF - 13 PSI	
14	16202-UP	1		CLAMP, HOSE - WORM STYLE - .625"	
15	16238-UP	5 ft		HOSE, FUEL LINE (BULK ROLL) - .3125"	
15	22229-UP	1		TEE - 8-G5G5JAO-S	
16	16990-UP	1		CONNECTOR, STR HOSE BARB - 4244-5-4	
17	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
18	15652-UP	1		VALVE, CHECK - HYDRAULIC/FUEL TANK	
19	42392-UP	1		PLUG, BLACK PIPE - 2.0" HYD. TANK 830/630	
20	42392-UP	1		PLUG, BLACK PIPE - 2.0" HYD. TANK 830/630	
21	26397-UP	1		BUSHING, BLACK - 2" X 1.25"	
22	19286-UP	1		ELEMENT, HEATER - HYD. TANK (120V 600W) (OPTIONAL)	
23	10751-UP	1		PLUG - 5406-P-8	
24	15842-UP	1		FILTER, SCREEN - IMPLEMENT	
25	51726-UP	1		O-RING, HDYRAULIC TANK - 830/630	
26	42306-UP	1		PLATE, INTER.-SUCTION PORT 100mm VALVE	
27	54786-UP	1		VALVE, SHUT OFF - BUTTERFLY (4") Must also order new #42306	
28	18918-UP	4		BOLT, ALLEN HEAD - .5" X 2.5"	



-  See reference page for component or assembly breakdown.
-  Kit or Assembly - includes all items indented underneath.
-  Sold in bulk per foot - Please specify length when ordering.





T3104 05-16-05
18.75

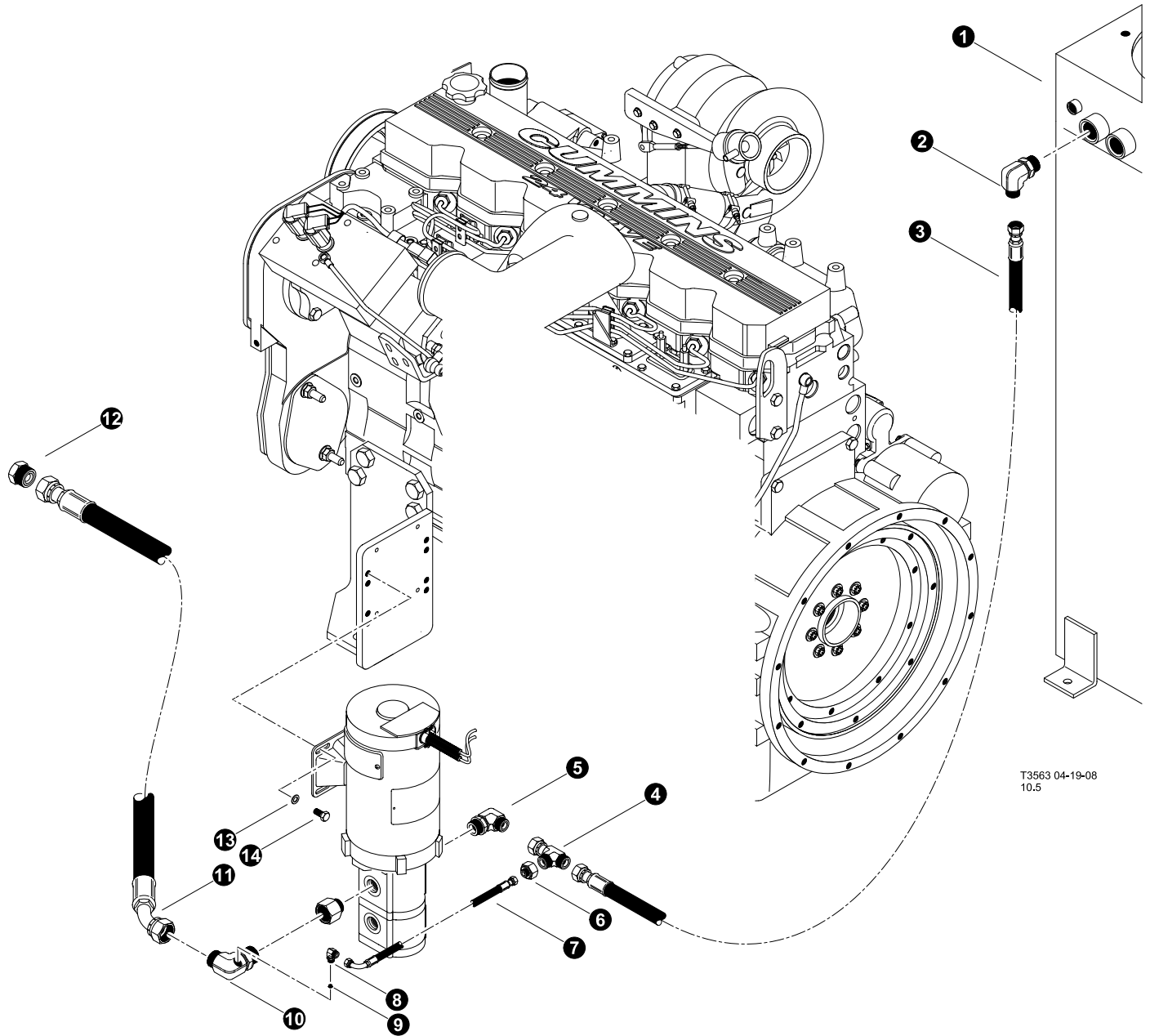
HYDRAULIC TANK

Hydraulic Tank Return Line to Oil Cooler

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
2	22438-UP	1	ELBOW, 90 - 849L-TTO-24X24 (HYD TANK)	
2		1	HOSE ASSEMBLY - 2023-24OS-2404 (Hydraulic tank return side to Oil Cooler Outlet)	
4	22448-UP	1	CONNECTOR, STR - 848-TTO-24X24	
5	REF	1	 HYDRAULIC OIL COOLER ASSEMBLY	UP-3

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


Please contact TimberPro Dealer or Factory before attempting to disassemble or repair rotary manifold. Rotary manifolds need to be serviced by authorized TimberPro service technicians only.



T3563 04-19-08
10.5

HYDRAULIC TANK
(Standard Hydraulic Tank Fill Pump System)

SN 0073 and 0351 and Before

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.....	UP-2
2	15372-UP	1		ELBOW, 90 - FF1868T-0812S	
3	-UP	1		HOSE ASSEMBLY - 2074-08-08OS-08OS	
4	15433-UP	1		TEE - FF2114T-0808S	
5	15154-UP	1		ELBOW, 90 - FF1868T-0810S	
6	19221-UP	1		CONNECTOR, REDUCER - ORS FF2281T-0408S	
7	-UP	1		HOSE ASSEMBLY - 2006.5-04-04OS-04O9	
8	-UP	1		ELBOW, 90 - FF1868T-0406S (PN15133 - tapped for #4 SAE)	
9	52679-UP	1		PLUG, HEX SOCKET (ORB) - 6409-02 .060 orifice	
10	53109-UP	1		ELBOW, 90 - FF1868T-1216S W/ #6 HOLE	
11	-UP	1		HOSE ASSEMBLY - 2050-12-12OS-12O4	
12	11392-UP	1		PLUG - 2408-12	
13	15528-UP	4		WASHER, SAE FLAT - .375"	
14	15542-UP	4		BOLT - .375" X .75"	
15	REF	1		FILL PUMP ASSEMBLY.....	UP-2



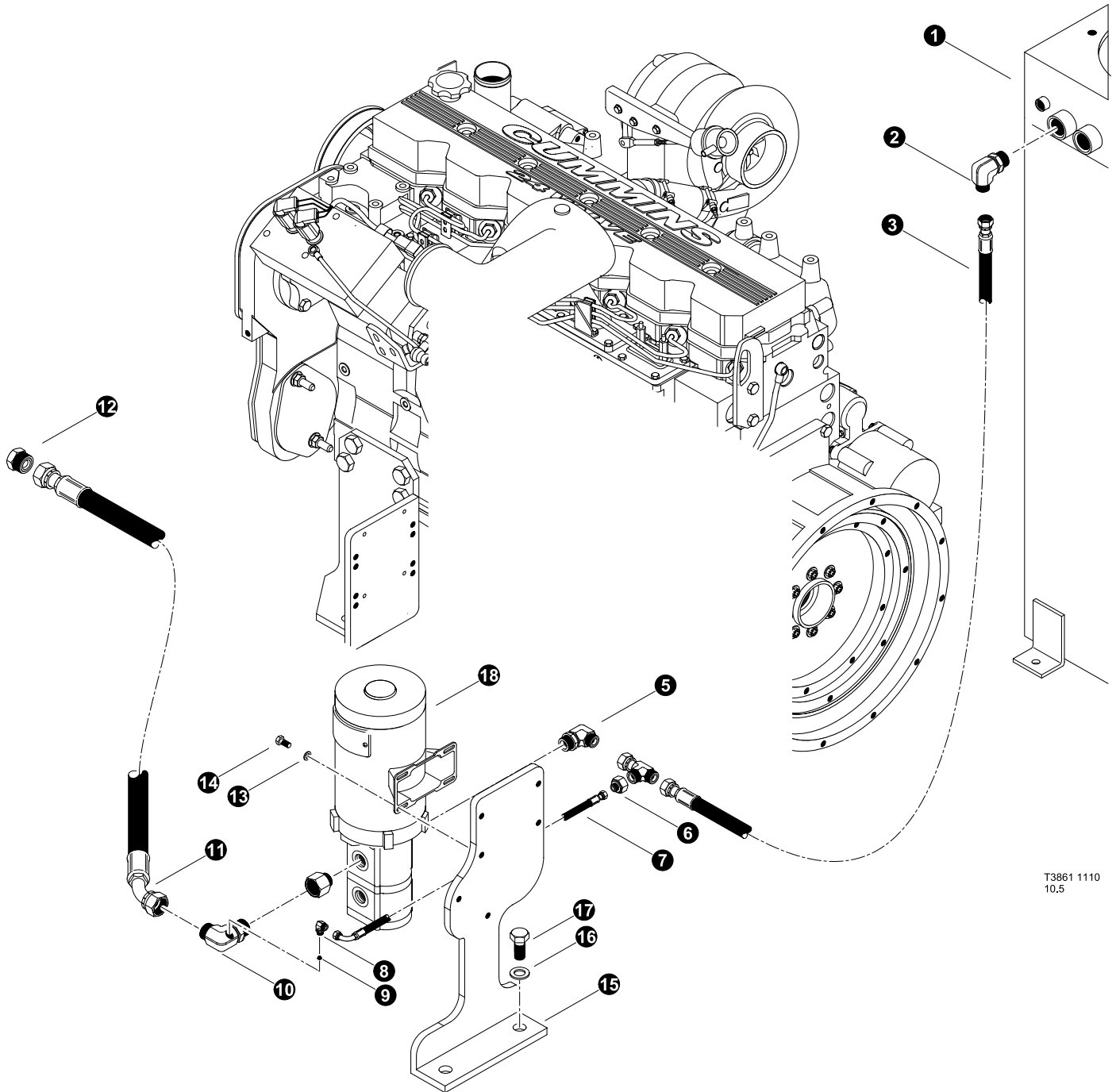
See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.




Sold in bulk per foot - Please specify length when ordering.



T3861 1110
10.5

HYDRAULIC TANK
(Standard Hydraulic Tank Fill Pump System)

SN 0074 and 0352 and After

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
2	15372-UP	1	ELBOW, 90 - FF1868T-0812S	
3	-UP	1	HOSE ASSEMBLY - 2074-08-08OS-08OS	
4	15433-UP	1	TEE - FF2114T-0808S	
5	15154-UP	1	ELBOW, 90 - FF1868T-0810S	
6	19221-UP	1	CONNECTOR, REDUCER - ORS FF2281T-0408S	
7	-UP	1	HOSE ASSEMBLY - 2006.5-04-04OS-04O9	
8	-UP	1	ELBOW, 90 - FF1868T-0406S (PN15133 - tapped for #4 SAE)	
9	52679-UP	1	PLUG, HEX SOCKET (ORB) - 6409-02 .060 orifice	
10	53109-UP	1	ELBOW, 90 - FF1868T-1216S W/ #6 HOLE	
11	-UP	1	HOSE ASSEMBLY - 2050-12-12OS-12O4	
12	11392-UP	1	PLUG - 2408-12	
13	15528-UP	4	WASHER, SAE FLAT - .375"	
14	15542-UP	4	BOLT - .375" X .75"	
15	54191-UP	1	BRACKET, FILL PUMP	
16	15534-UP	2	WASHER, SAE FLAT - .5"	
17	50100-UP	2	BOLT - .5" X 1.25"	
18	REF	1	FILL PUMP ASSEMBLY.....	UP-2



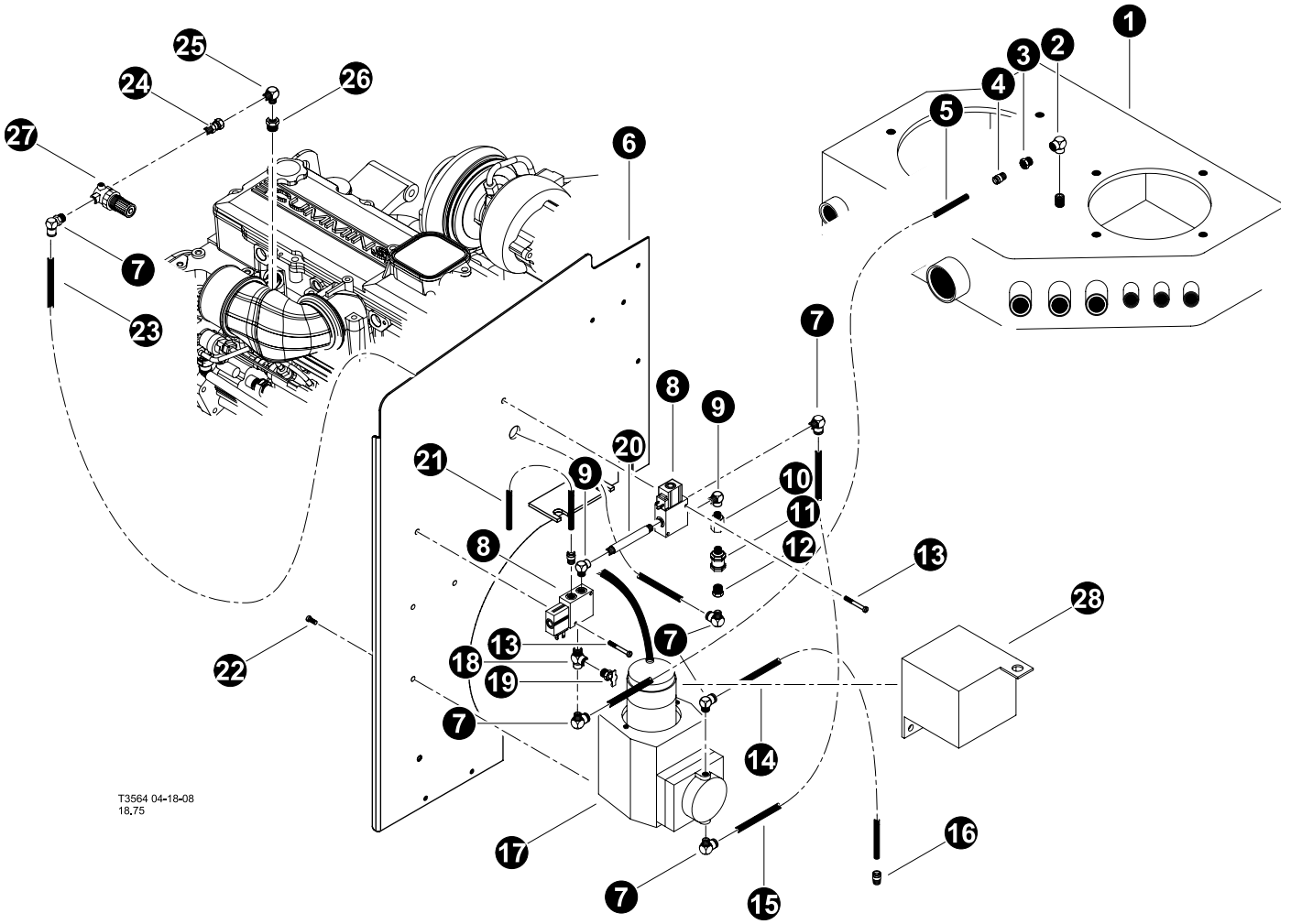
See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.












Sold in bulk per foot - Please specify length when ordering.

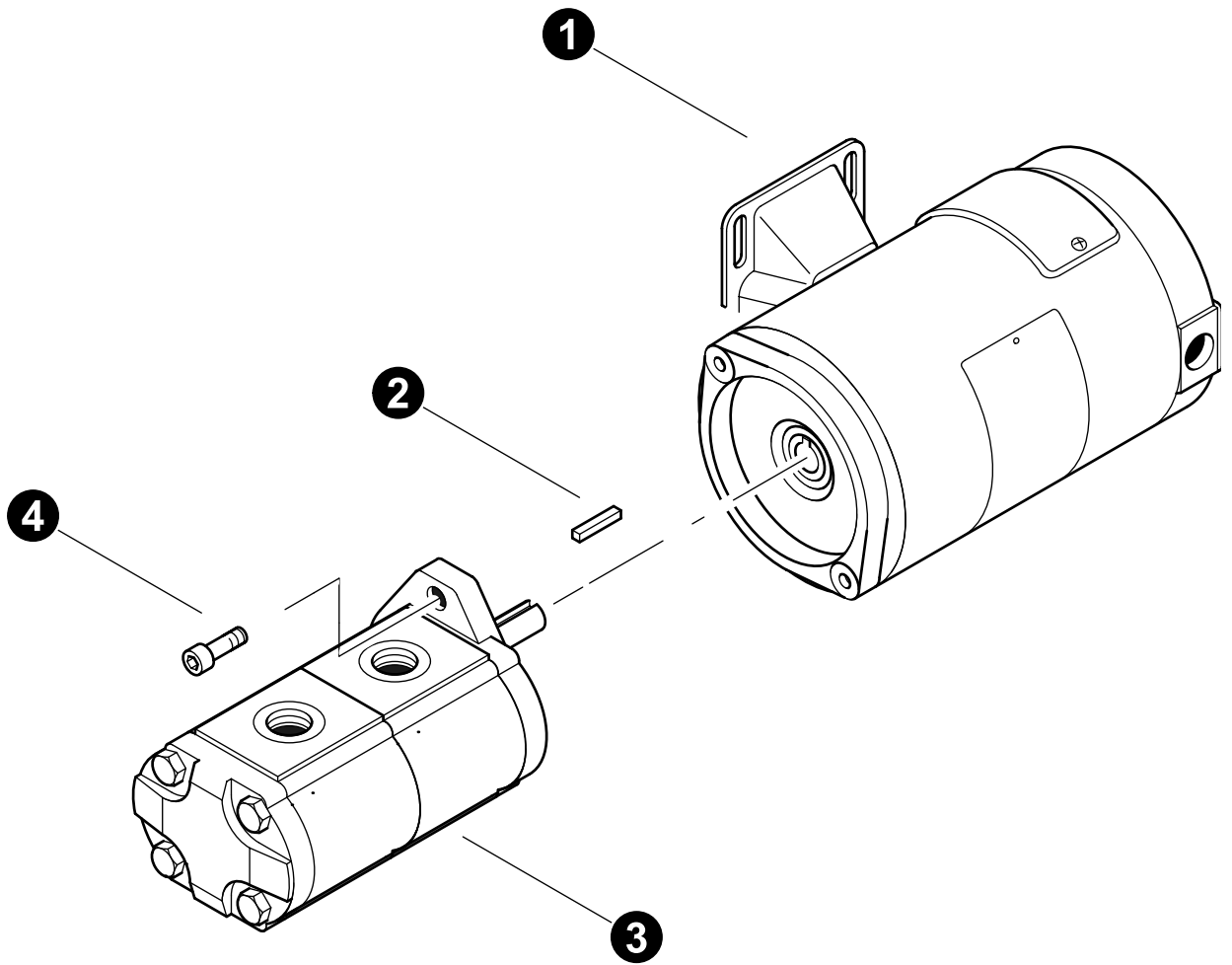


T3564 04-18-08
18.75

HYDRAULIC TANK (Hydraulic Tank Vent / Vacuum System)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.	UP-2
2	16251-UP	2		ELBOW, 90 STREET - 5502-4	
3	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
4	52145-UP	1		ADAPTER, EXPANDER - 3/8 X 1/4 FG-S	
5	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
6	REF	1		PANEL, REAR ENGINE SHIELD.	EE-1
7	51739-UP	1		CONNECTOR, ELBOW -PUSH ON (VACUUM)	
8	51616-UP	2		VALVE, VACUUM PUMP - HYD TANK	
9	21147-UP	1		ELBOW, 90 STREET .25" NPT - BRASS	
10	52145-UP	1		ADAPTER, EXPANDER - 3/8 X 1/4 FG-S	
11	15652-UP	1		VALVE, CHECK - HYDRAULIC/FUEL TANK	
12	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
13	16128-UP	2		SCREW, MACHINE - #10-24 X 1.5"	
14	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
15	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
16	51739-UP	1		CONNECTOR, ELBOW -PUSH ON (VACUUM)	
17	REF.	1		PUMP, VACUUM - HYD TANK.	UP-2
18	10393-UP	1		TEE - 5602-4	
19	15650-UP	1		VALVE, TANK VENT - DC602-6	
20	53084-UP	1		NIPPLE, PIPE - 1/4" x 4"	
21	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
22	16129-UP	4		SCREW, MACHINE - #10-24 X .75"	
23	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
24	11331-UP	1		CONNECTOR, STR SWIVEL - 1404-4-4	
25	52741-UP	1		ELBOW, MALE PIPE - 1/4 CR-S	
26	24290-UP	1		BUSHING, REDUCER - 5406-12-4	
27	15649-UP	1		REGULATOR, TURBO BOOST	
28	52984-UP	1		COVER, VACUUM PUMP	

-  See reference page for component or assembly breakdown.
-  Kit or Assembly - includes all items indented underneath.
-  Sold in bulk per foot - Please specify length when ordering.



T3109 04/16/08

HYDRAULIC FILL PUMP BREAKDOWN

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	-UP	1	<input type="checkbox"/> ASSEMBLY - HYDRAULIC FILL PUMP with COOLER LOOP	
1	51503-UP	1	MOTOR, HYD OIL FILL (ELECTRIC) - 24V	
2	-UP	1	KEY,	
3	52567-UP	1	PUMP, electric hydraulic oil fill	
4	-UP	2	BOLT, ALLEN HEAD - .375" X 1"	



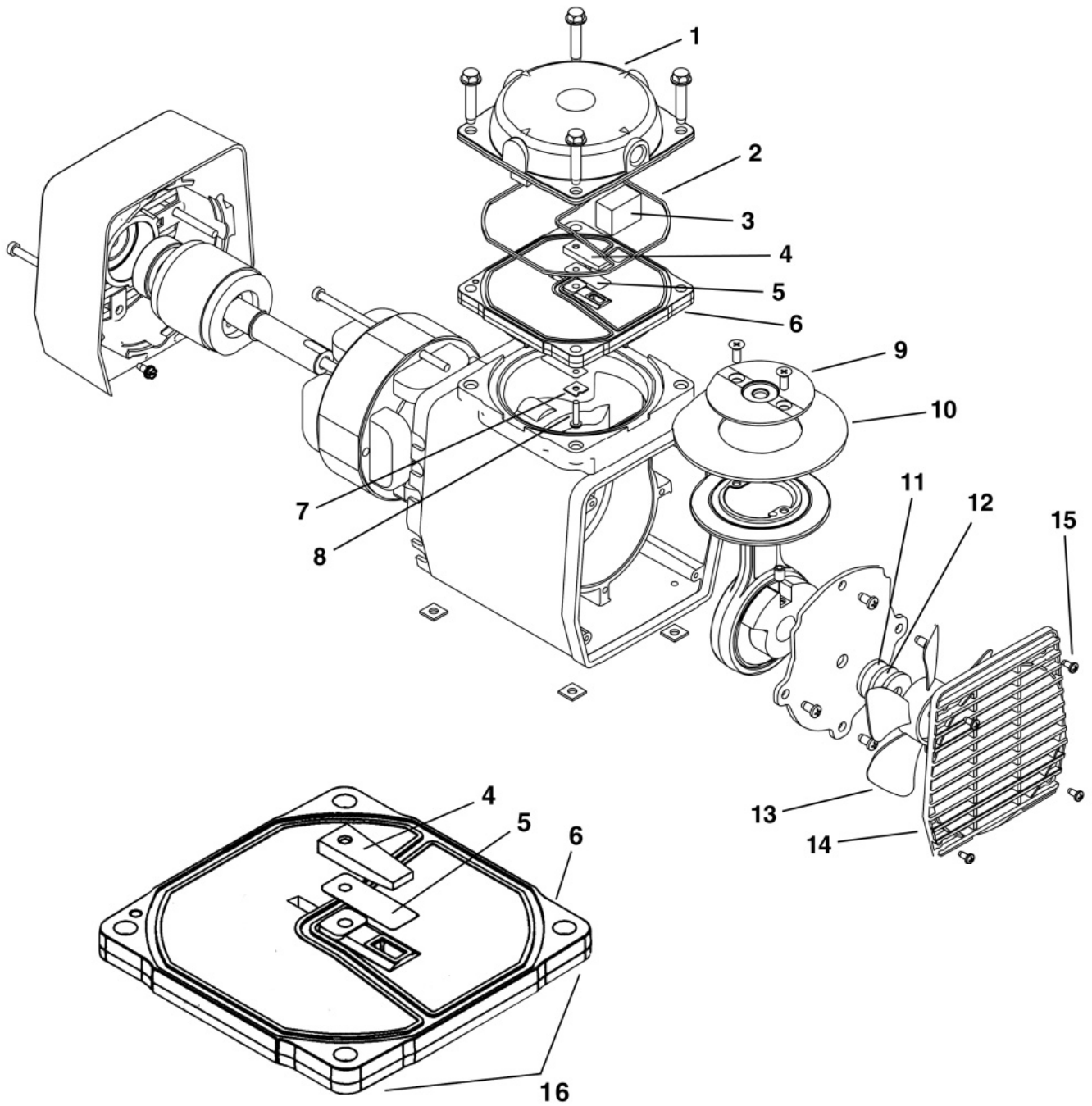
See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Sold in bulk per foot - Please specify length when ordering.



VACUUM PUMP BREAKDOWN

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	51615-UP	1	☐	VACUUM PUMP	
1	-UP	1		HEAD (AP500)	
2	-UP	1		O-RING, HEAD (AP513)	
3	-UP	2		FILTER, MUFFLER (AT712A)	
4	-UP	1		VALVE, LIMITER (AP110)	
5	-UP	2		VALVE, LEAF (AF817)	
6	-UP	1		PLATE, VALVE (AP504)	
7	-UP	1		RETAINER, VALVE (AF819A)	
8	-UP	1		SCREW, VALVE (BB330A)	
9	-UP	1		PLATE, RETAINER (AF809)	
10	-UP	1		DIAPHRAGM, COMPRESSOR (AF818A)	
10	-UP	1		DIAPHRAGM, VACUUM (AF818B)	
11	-UP	3		SPACER, FELT (AA929)	
12	-UP	1		SPACER (AD996)	
13	-UP	1		FAN (AF533)	
14	-UP	1		GRILL (AF807)	
15	-UP	4		RIVET (AP534)	
16	-UP	1		ASSEMBLY, VALVE PLATE (AP519)	



See reference page for component or assembly breakdown.



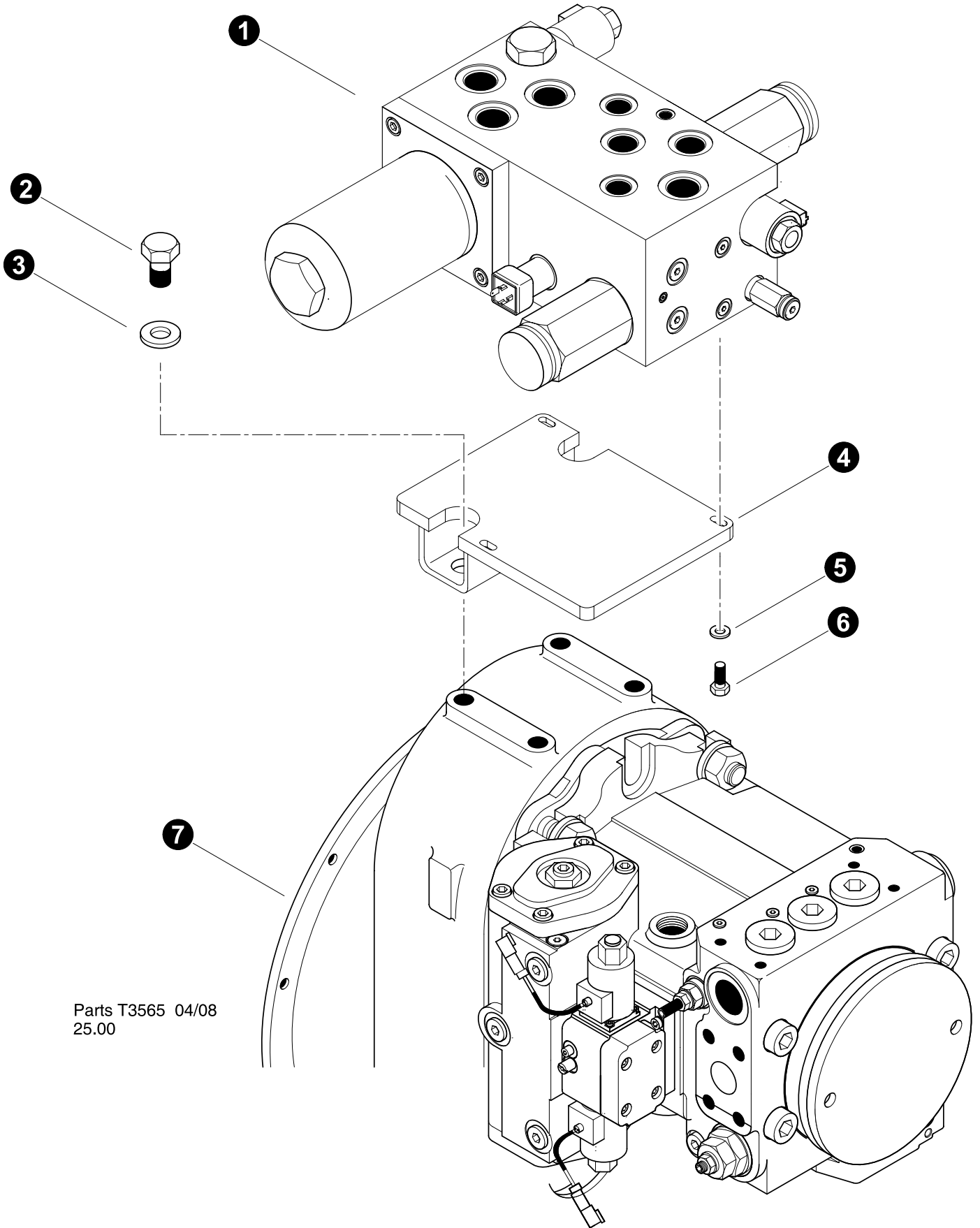
Kit or Assembly - includes all items indented underneath.



Sold in bulk per foot - Please specify length when ordering.

Section UP-3

Upper Turntable - Radiator and Oil Cooler Fan Drive System



Parts T3565 04/08
25.00

RADIATOR AND COOLER FAN CIRCUIT

Fan Drive Manifold installation

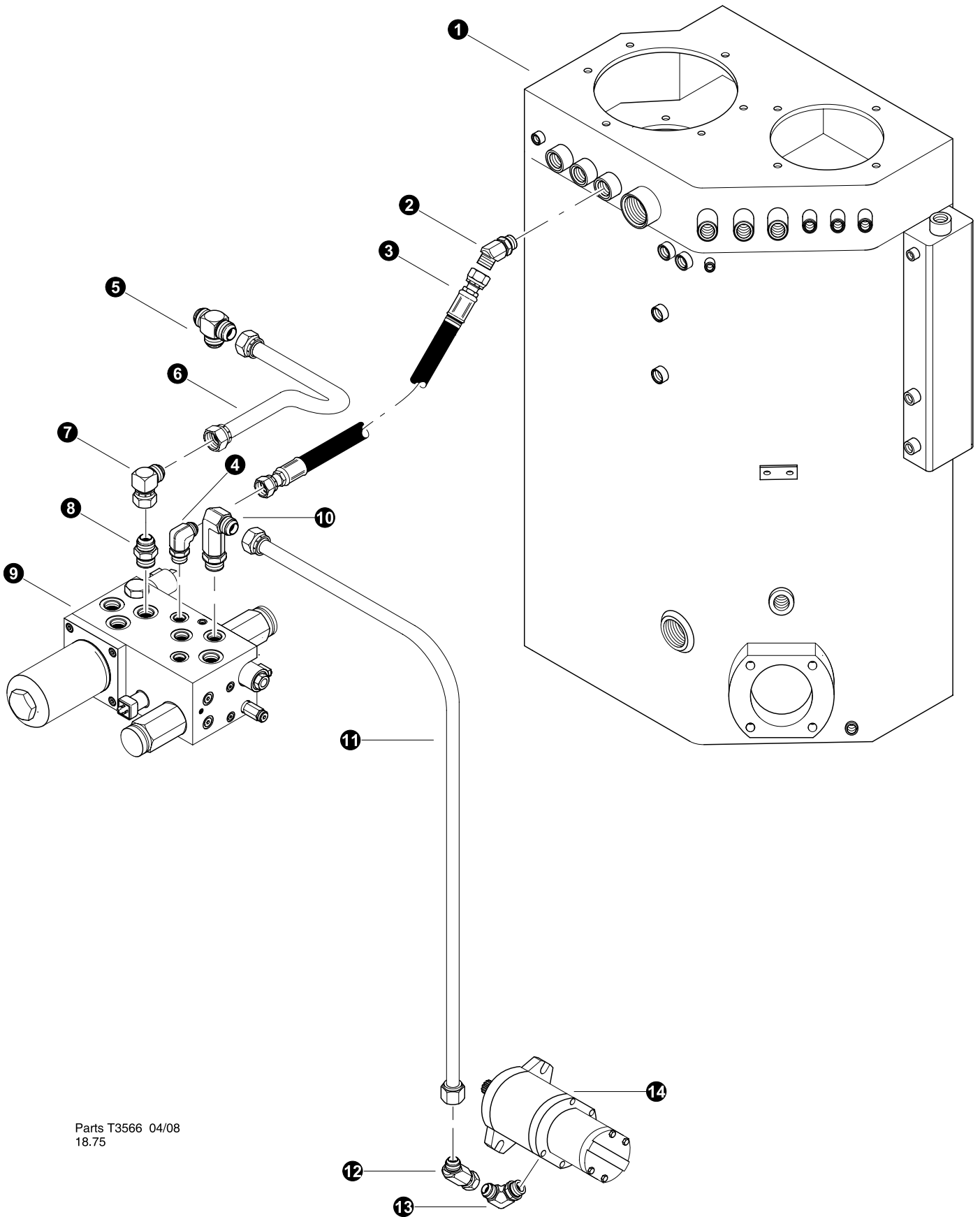
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	VALVE, FAN CONTROL.....	UP-3
2	24088-UP	2	BOLT - .5625" X 1.25"	
3	10771-UP	2	WASHER, SAE FLAT - .5/8"	
4	52961-UP	1	MOUNT, FAN/CHARGE VALVE	
5	10731-UP	3	WASHER, SAE FLAT - .5/8"	
6	10731-UP	3	BOLT - .375" X 1.5"	
7	REF	1	PUMP DRIVE TRANSMISSION.....	EE-4



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3566 04/08
18.75

RADIATOR AND COOLER FAN CIRCUIT

Fan Drive Pressure and Tank Connections

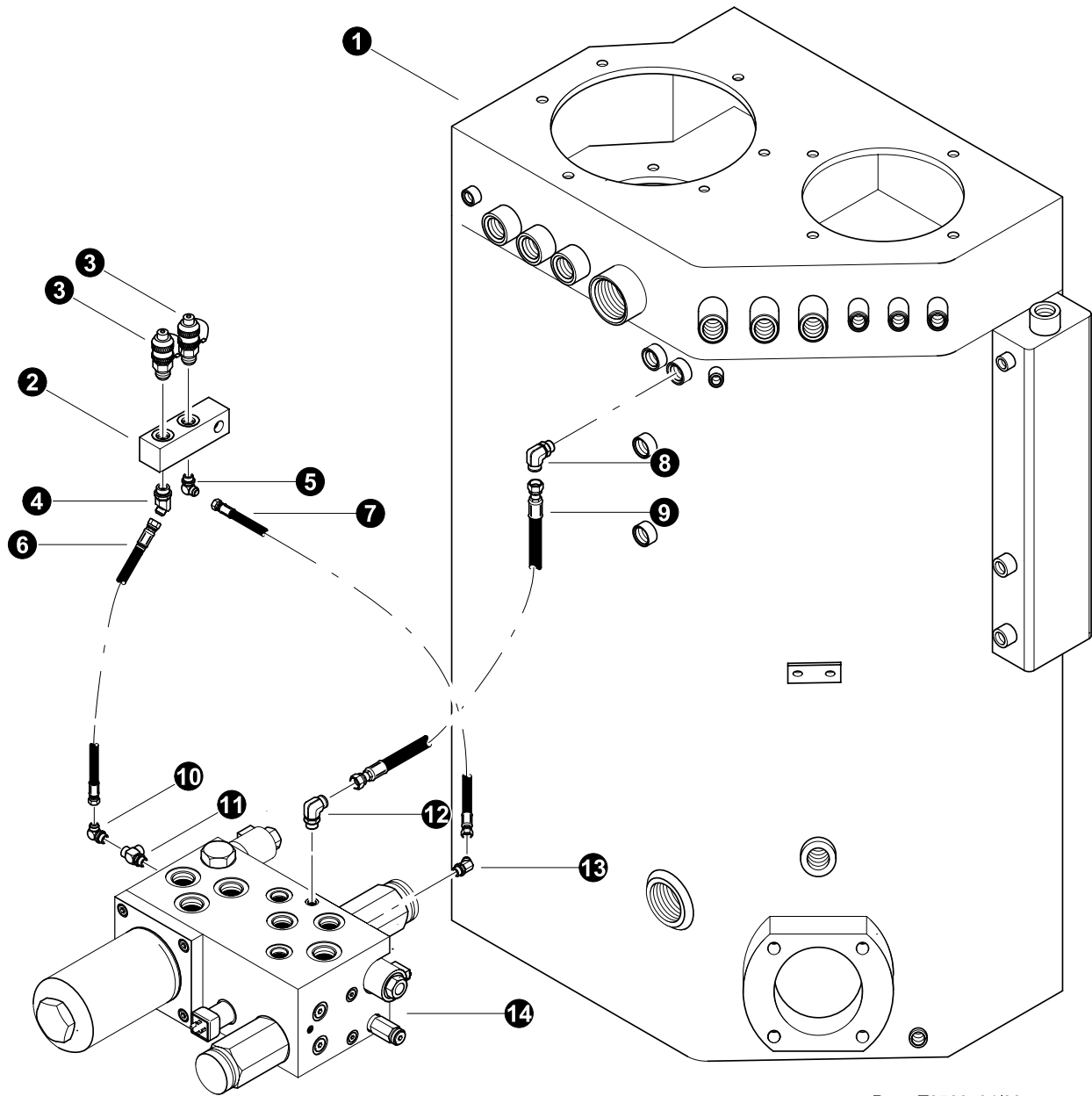
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	19127-UP	1	ELBOW, 45 - FF2068T-1212S	
3	-UP	1	HOSE ASSEMBLY - 2136 12 12OS 1204 (T2 port to Hyd Tank Return)	
4	15484-UP	1	ELBOW, 90 - 16 C5OX-S	
5	52970-UP	1	TEE, UNION - 16 JTXO	
6	53128-UP	1	TUBELINE, CHARGE/FAN MANIFOLD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



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3566 04/08
18.75

RADIATOR AND COOLER FAN CIRCUIT**Fan Drive Gauge and Drain Connections**

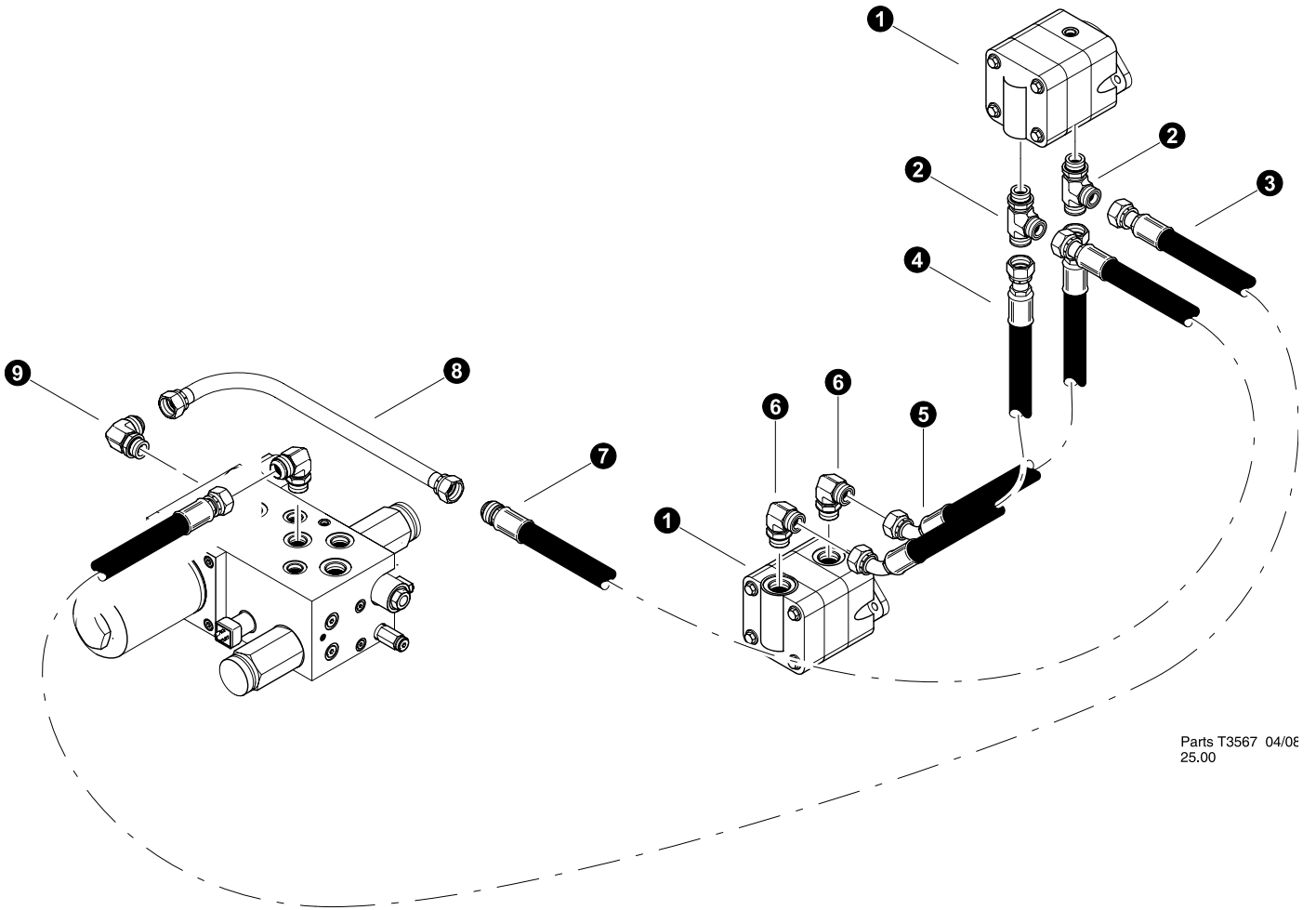
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	23544-UP	1	MANIFOLD, PRESSURE CHECK (2-PORT)	
3	16037-UP	2	Gauge Tap 1/4" Sae	
4	51884-UP	1	ELBOW, 45 - (4 V50X-S)	
5	51931-UP	1	ELBOW, 90 - 4-6 C50X-S (JIC)	
6	-UP	1	HOSE ASSEMBLY - 2008 02 04JS 04JS	
7	-UP	1	HOSE ASSEMBLY - 2015 02 04JS 04JS	
8	20031-UP	1	ELBOW, 90 - 6-8 C5OLO-S	
9	-UP	1	HOSE ASSEMBLY - 2022 06 06OS 06OS	
10	51931-UP	1	ELBOW, 90 - 4-6 C50X-S (JIC)	
11	52186-UP	1	TEE, RUN - MALE (4 A0G5J5-S)	
12	16296-UP	1	ELBOW, 90 - FF1868T-0606S	
13	51884-UP	1	ELBOW, 45 - (4 V50X-S)	
14	REF	1	FAN CONTROL MANIFOLD.....	UP-3



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3567 04/08
25.00

RADIATOR AND COOLER FAN CIRCUIT**Oil Cooler Fan Motor Pressure and Tank**

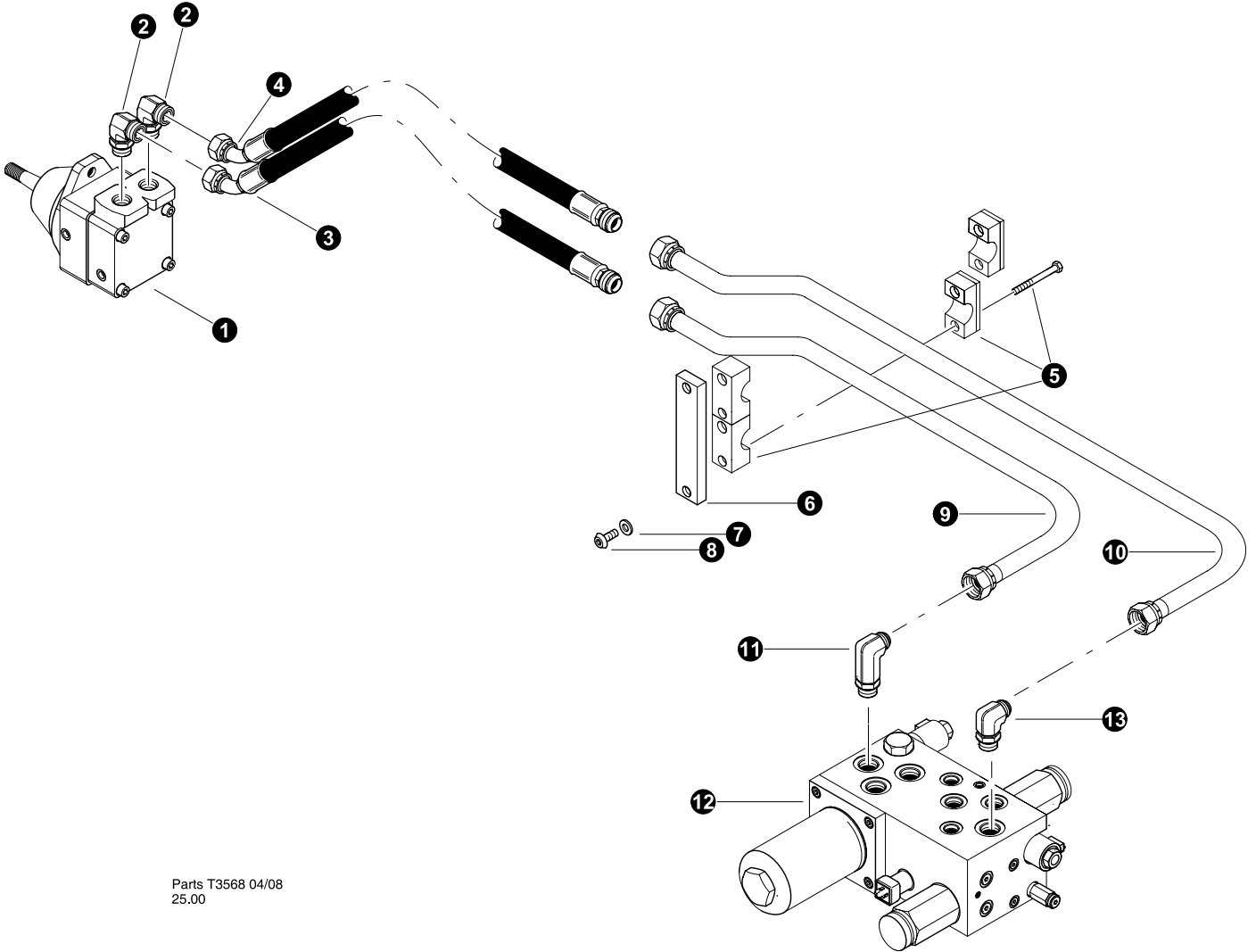
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	2	FAN DRIVE MOTOR	UP-3
2	51969-UP	2	TEE, RUN - 12 R50LO-S	
3	-UP	1	HOSE ASSEMBLY 2032 12 12JS 12OS (HFB port on fan Manifold to Motor Tee)	
4	-UP	1	HOSE ASSEMBLY 2011.5 12 12OS 1204 (Motor to Motor Jumper)	
5	-UP	1	HOSE ASSEMBLY 2011.5 12 12OS 1204 (Motor to Motor Jumper)	
6	17688-UP	2	ELBOW, 90 - FF1868T-1212S	
7	-UP	1	HOSE ASSEMBLY - 2032 12 12JS 12OS (HFA port on Fan Manifold to Motor Tee)	
8	52938-UP	1	TUBELINE, CHARGE/FAN MANIFOLD HA PORT	
9	15484-UP	1	ELBOW, 90 - 16 C5OX-S	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



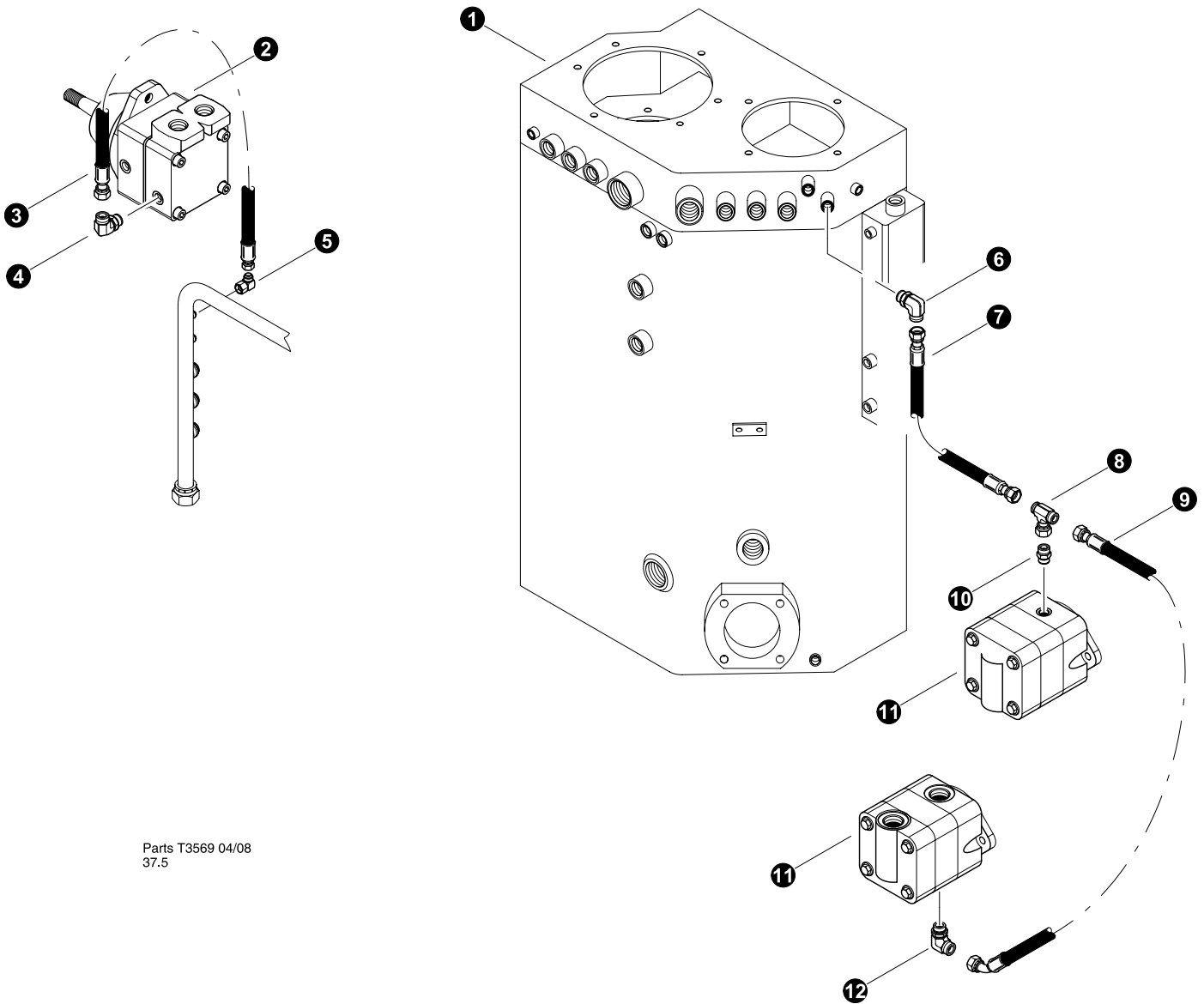
Parts T3568 04/08
25.00

RADIATOR AND COOLER FAN CIRCUIT**Radiator Fan Motor Pressure and Tank**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	2	FAN DRIVE MOTOR	UP-3
2	19128-UP	2	ELBOW, 90 - FF1868T-1216S	
3	-UP	1	HOSE ASSEMBLY 2025 12 12JS 1204 (EFB port bulkhead to radiator fan motor)	
4	-UP	1	HOSE ASSEMBLY 2026 12 12JS 1204 (EFA port bulkhead to radiator fan motor)	
5	52992-UP	2	CLAMP, STEEL TUBELINE - SINGLE	
6	52379-UP	1	BRACKET, SWIVEL LOCK - TORQUE ARM NEW	
7	15559-UP	2	WASHER, SAE FLAT - .3125"	
8	-UP	2	BOLT, BUTTON HEAD - 5/16 (Lawson 81477)	
9	53127-UP	1	TUBELINE, CHARGE/FAN MANIFOLD 'EB' PORT	
10	53126-UP	1	TUBELINE, CHARGE/FAN MANIFOLD 'EA' PORT	
11	52971-UP	1	ELBOW, 90 - 16 CC50X JIC/ORB (LONG)	
12	REF	1	FAN CONTROL MANIFOLD.....	UP-3
13	15484-UP	1	ELBOW, 90 - 16	



See referenced page for component or assembly breakdown.



Parts T3569 04/08
37.5

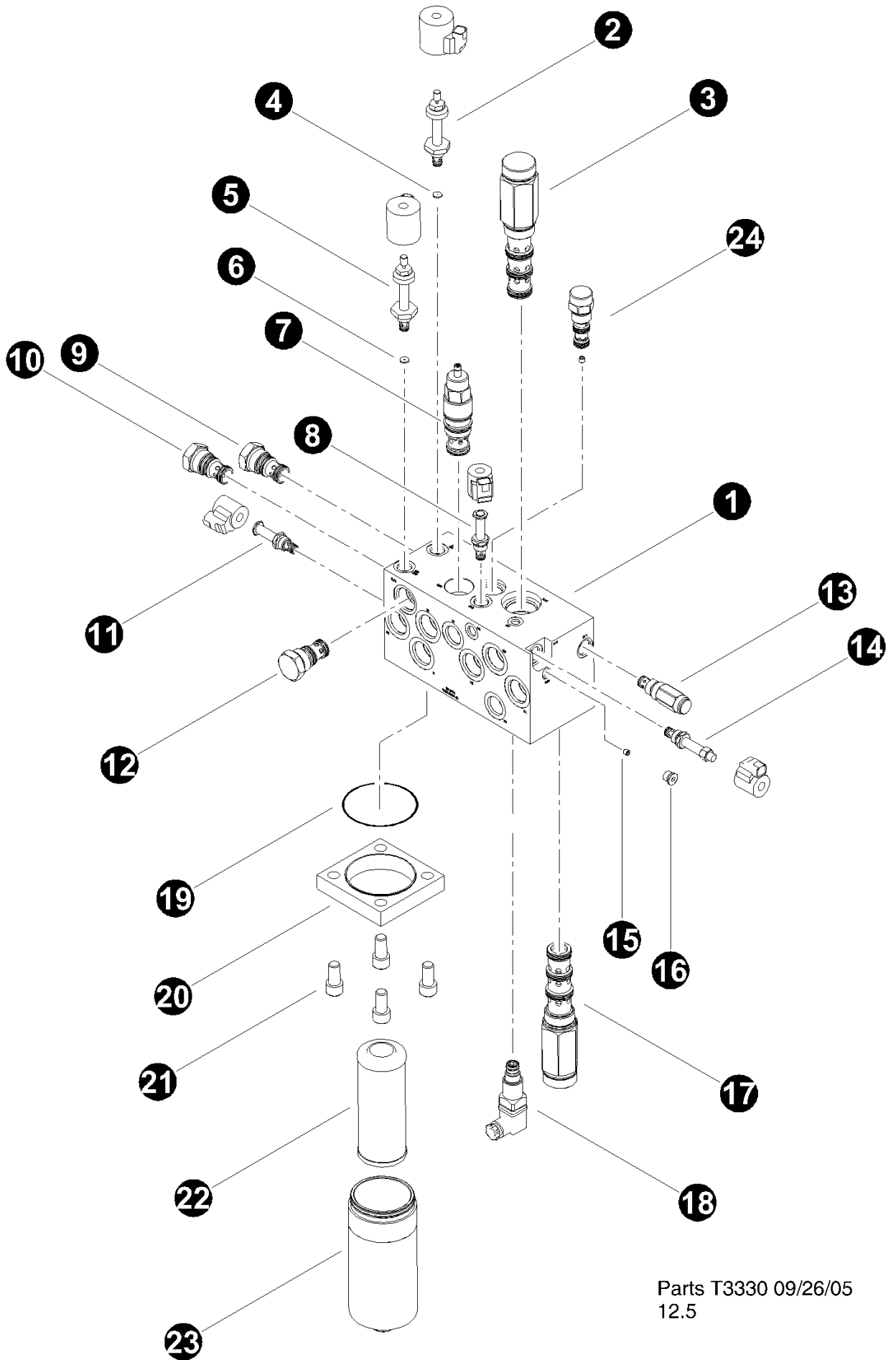
RADIATOR AND COOLER FAN CIRCUIT

Fan Motor Case Drains

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK BREAKDOWN	UP-2
2	REF	2	FAN DRIVE MOTOR	UP-3
3	-UP	1	HOSE ASSEMBLY 2022 06 04JS 06OS (Fan Motor to Case Drain Tube)	
4	16296-UP	1	ELBOW, 90 - FF1868T-0606S	
5	16661-UP	1	ELBOW, 90 SWIVEL - 6500-6	
6	20031-UP	1	ELBOW, 90 - 6-8 C5OLO-S	
7	-UP	1	HOSE ASSEMBLY 2009.5 06 06OS 0604 (fan motor case drain to tank)	
8	52900-UP	1	SWIVEL, NUT BRANCH TEE	
9	-UP	1	HOSE ASSEMBLY 2034 06 06OS 0604 (Cooler Fan Case Jumper)	
10	18034-UP	1	CONNECTOR, STR - FF1852T-0606S	
11	REF	2	FAN DRIVE MOTOR	UP-3
12	16296-UP	1	ELBOW, 90 - FF1868T-0606S	

 See referenced page for component or assembly breakdown.

Kit or Assembly - includes all items indented underneath.

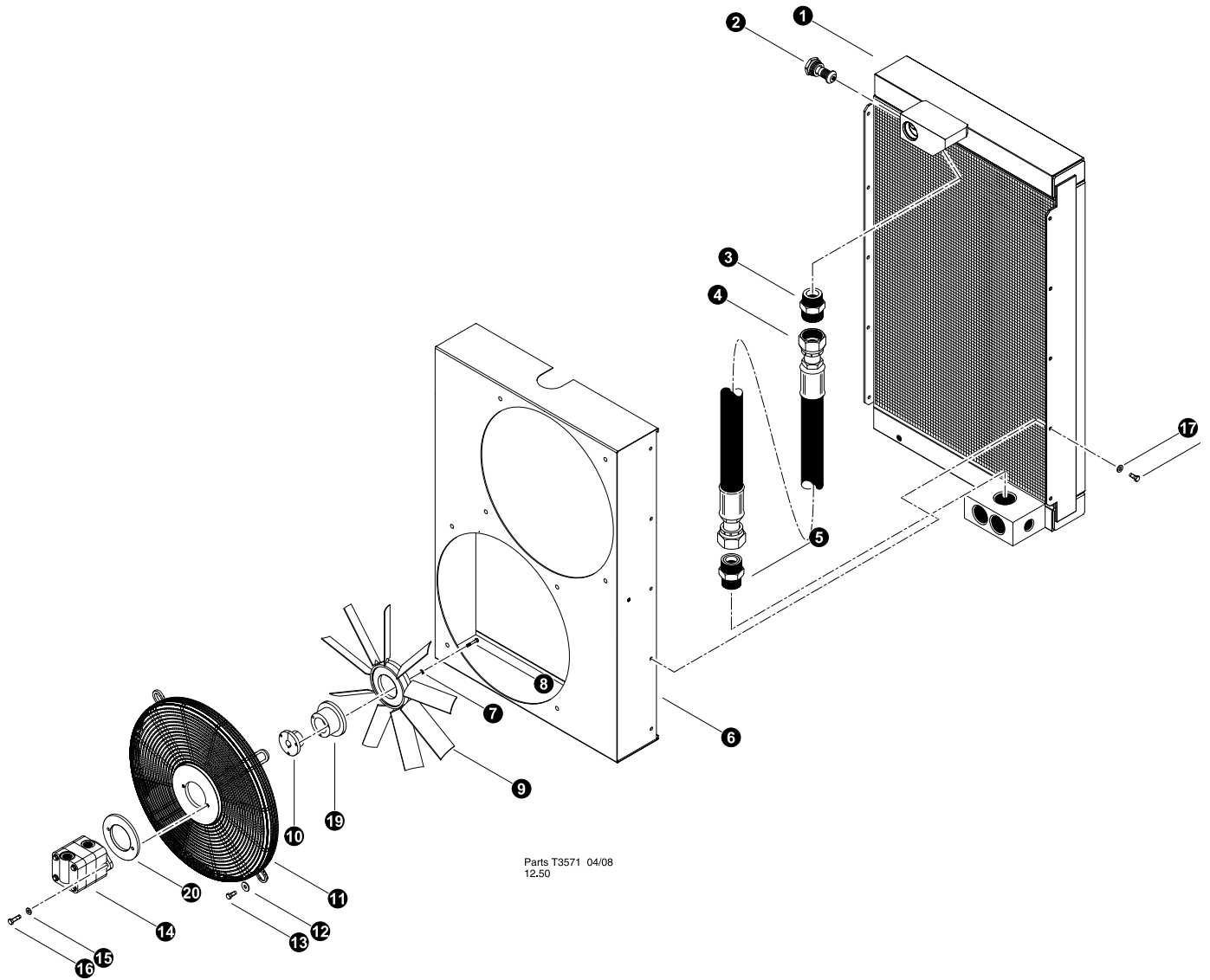


Parts T3330 09/26/05
12.5

RADIATOR AND COOLER FAN CIRCUIT**Fan Drive Manifold Breakdown**

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

Kit or assembly. Includes all items indented underneath.



RADIATOR AND COOLER FAN CIRCUIT**Oil Cooler Breakdown**

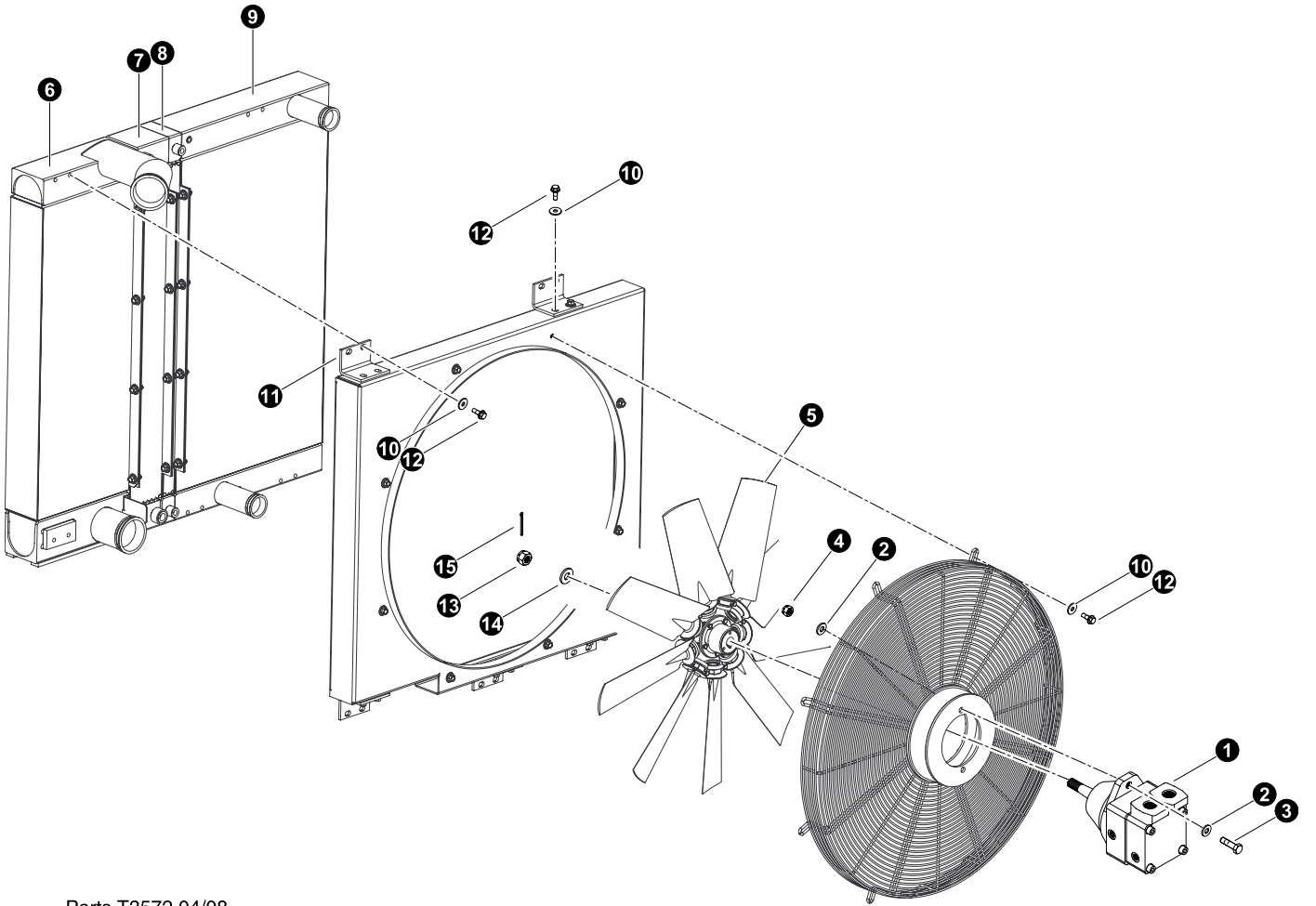
REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	52534-UP	1	☐	COOLER, OIL - HYD REMOTE MOUNT (complete)	
1	52018-UP	1		OIL COOLER, CORE (830)	
2	22491-UP	1		VALVE, RELIEF - 1.5" BYPASS (GT)	
3	22319-UP	1		CONNECTOR, STR - THERMAL BYPASS (GT)	
4		1		HOSE ASSEMBLY -	
5	22319-UP	1		CONNECTOR, STR - THERMAL BYPASS (GT)	
6	52017-UP	1	☐	SHROUD, OIL COOLER	
7	10818-UP	6		BOLT - .25" X 3"	
8	10756-UP	6		WASHER, LOCK - .25"	
9	52020-UP	2		FAN, OIL COOLER 19" (830)	
10	52505-UP	1		HUB, TAPER FAN - OIL COOLER (830)	
11	52019-UP	2		GUARD, FAN (830 OIL COOLER)	
12		8		WASHER, .375" (FENDER WASHER)	
13	11707-UP	8		BOLT - .375" X 1"	
14	REF	2	☒	MOTOR, HYDRAULIC OIL COOLER FAN.	UP-3
15	10701-UP	4		WASHER, LOCK - .375"	
16	10402-UP	4		BOLT - .375" X 1.25"	
17	15559-UP	10		WASHER, SAE FLAT - .3125"	
18	15605-UP	10		BOLT - .3125" X .75"	
19	52034-UP	1		HUB, FAN MOUNT - COOLER (830)	
20	52996-UP	1		SPACER, FAN MOTOR OIL COOLER	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



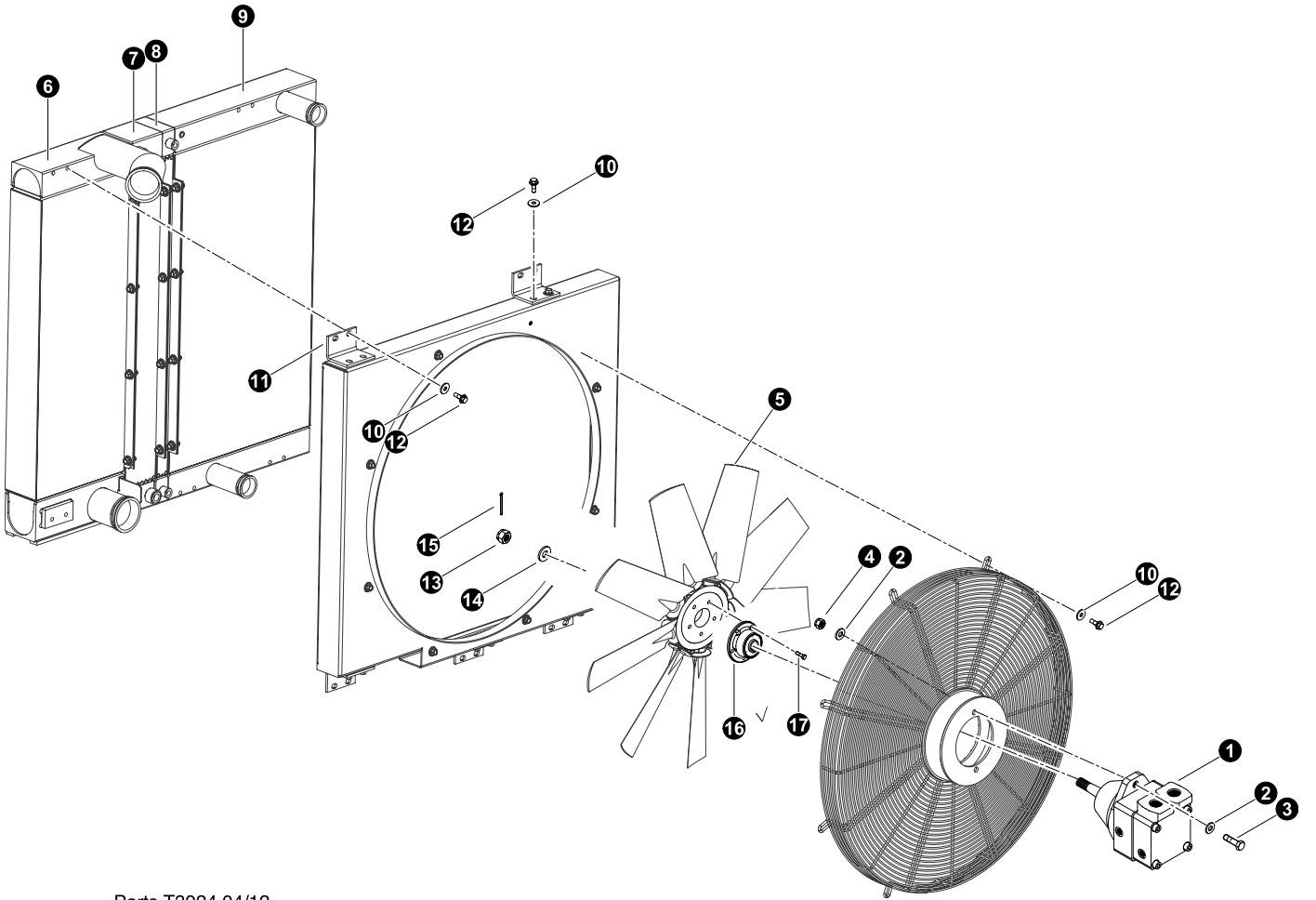
Parts T3572 04/08
25

RADIATOR AND COOLER FAN CIRCUIT**Radiator Breakdown****Machine 830B-0422-082812 and Before**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	MOTOR, RADIATOR FAN	UP-3
2	10736-UP	2	BOLT - .5" X 2"	
3	15534-UP	4	WASHER, SAE FLAT - .5"	
4	10815-UP	2	NUT, LOCK - .5"	
5	53216-UP	1	FAN, ENGINE - AKG RADIATOR	
-	52799-UP	1	<input type="checkbox"/> RADIATOR/CHARGE AIR - HYD DRIVE (AKG)	
6	-UP	1	Charge Air Cooler (AKG 3918.002.5000)	
7	-UP	1	A/C Condenser (AKG 3918.002.6000)	
8	-UP	1	Gearbox Oil Cooler (AKG 3918.002.4000)	
9	-UP	1	Radiator (AKG 3918.002.2000)	
10	-UP	30	Washer, 3/8" (AKG 8054.036.0000)	
11	-UP	1	Bracket, angle (AKG 3918.002.0001)	
12	-UP	30	Bolt, flanged head 3/8 (AKG 8050.037.0000)	
13	53189-UP	1	NUT, CASTLE - M16-1.5	
14	10771-UP	1	WASHER, SAE FLAT - .625"	
15	-UP	1	Pin, cotter 1" x 1/8" (Lawson 1029)	

 See referenced page for component or assembly breakdown.

Kit or Assembly - includes all items indented underneath.



Parts T3924 04/12
25

RADIATOR AND COOLER FAN CIRCUIT**Radiator Breakdown****Machine 830B-0423-090712 and After**

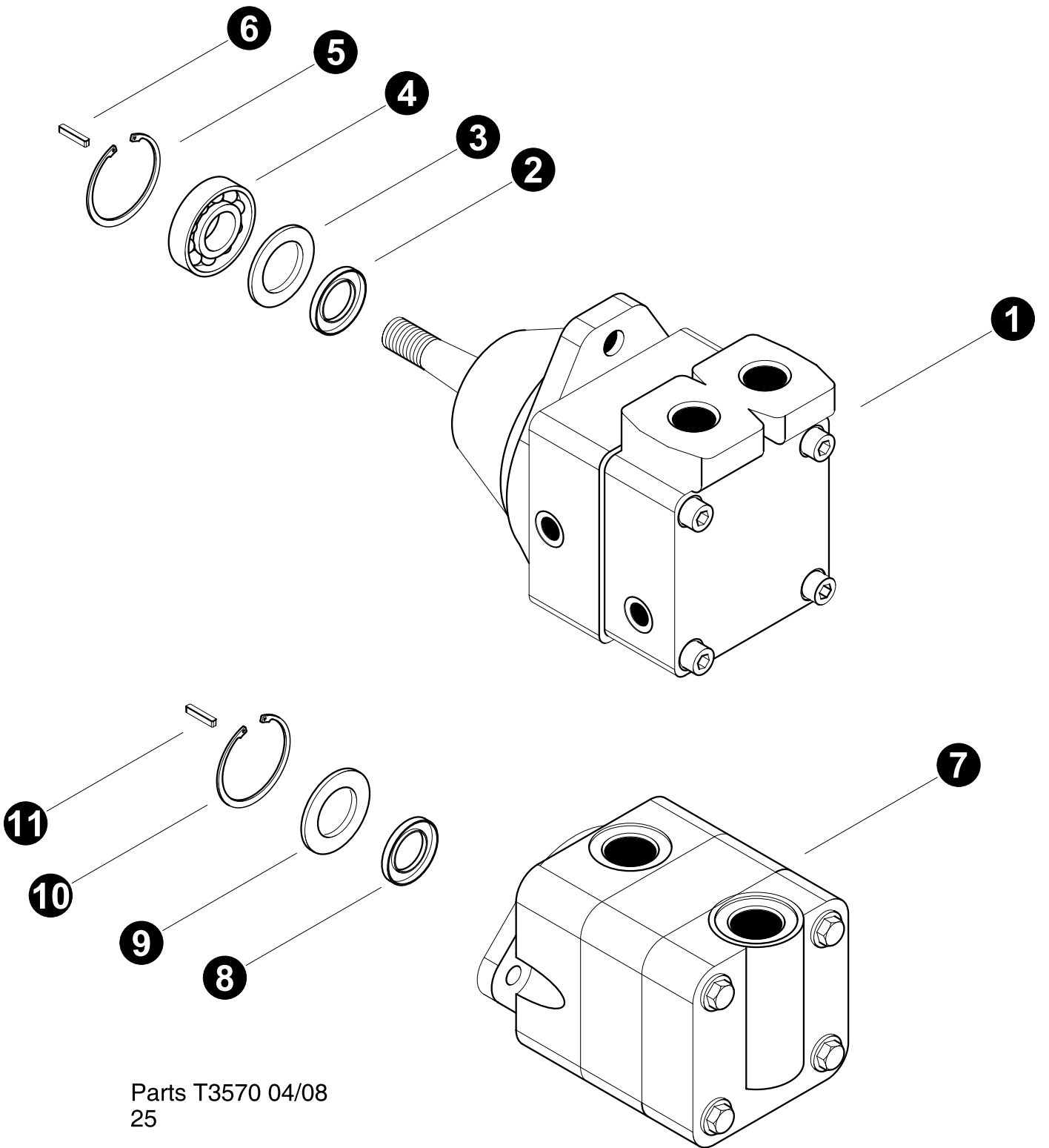
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	MOTOR, RADIATOR FAN	UP-3
2	10736-UP	2	BOLT - .5" X 2"	
3	15534-UP	4	WASHER, SAE FLAT - .5"	
4	10815-UP	2	NUT, LOCK - .5"	
5	53216-UP	1	FAN, ENGINE - AKG RADIATOR	
-	52799-UP	1	<input type="checkbox"/> RADIATOR/CHARGE AIR - HYD DRIVE (AKG)	
6	-UP	1	Charge Air Cooler (AKG 3918.002.5000)	
7	-UP	1	A/C Condenser (AKG 3918.002.6000)	
8	-UP	1	Gearbox Oil Cooler (AKG 3918.002.4000)	
9	-UP	1	Radiator (AKG 3918.002.2000)	
10	-UP	30	Washer, 3/8" (AKG 8054.036.0000)	
11	-UP	1	Bracket, angle (AKG 3918.002.0001)	
12	-UP	30	Bolt, flanged head 3/8 (AKG 8050.037.0000)	
13	53189-UP	1	NUT, CASTLE - M16-1.5	
14	10771-UP	1	WASHER, SAE FLAT - .625"	
15	-UP	1	Pin, cotter 1" x 1/8" (Lawson 1029)	
16	52219-UP	1	HUB, FAN MOUNT - RADIATOR (830)	
17	-UP	5	BOLT -	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3570 04/08
25

RADIATOR AND COOLER FAN CIRCUIT**Fan Drive Motors**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52979-UP	1	<input type="checkbox"/>	MOTOR, FAN DRIVE - RADIATOR (VANE STYLE)	
2	637-00004-0-UP	1		SEAL, SHAFT - RADIATOR FAN MOTOR	
3		1		RETAINER, SEAL	
4		1		BEARING	
5		1		RING, SNAP	
6		1		KEY -	
54727	SEAL KIT				
7	52875-UP	1	<input type="checkbox"/>	MOTOR, FAN DRIVE - OIL COOLER (VANE STYL	
8	622-10004-0-UP	1		SEAL, SHAFT	
9		1		RETAINER, SEAL	
10		1		RING, SNAP	
11		1		KEY -	



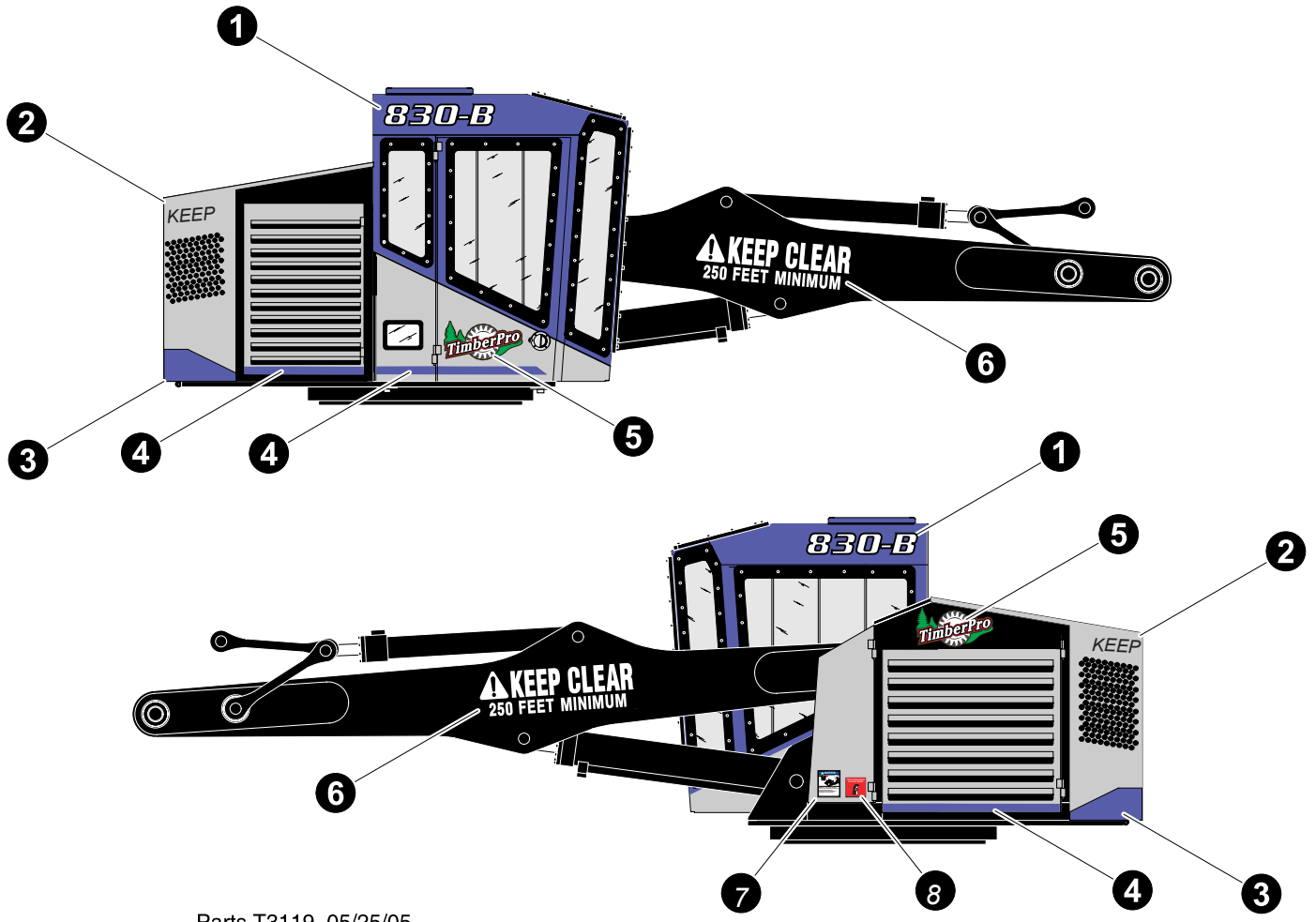
See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.

Section UP-4

Upper Turntable - Decals



Parts T3119 05/25/05

UPPER TURNTABLE DECALS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53090-UP	2	DECAL, MODEL# - TF830-B	
	53091-UP	2	DECAL, MODEL# - TF840-B	
	53089-UP	2	DECAL, MODEL# - TF630-B	
	53248-UP	2	DECAL, MODEL# - TN725-B	
	53247-UP	2	DECAL, MODEL# - TL725-B	
	52678-UP	2	DECAL, MODEL# - TL735-B	
2	51917en-UP	1	DECAL, KEEP CLEAR 250 FEET - GULLWING (ENGLISH)	
	51917ru-UP	1	DECAL, KEEP CLEAR 250 FEET - GULLWING (RUSSIAN)	
	51917fr-UP	1	DECAL, KEEP CLEAR 250 FEET - GULLWING (FRENCH)	
3	51914-UP	1	DECAL, GULLWING STRIP - RED	
	51915-UP	1	DECAL, GULLWING STRIP - GREEN	
	51916-UP	1	DECAL, GULLWING STRIP - BLUE	
4	51918-UP	10 ft	DECAL, ACCENT STRIP - 2 INCH WIDTH (RED)	
	51919-UP	10 ft	DECAL, ACCENT STRIP - 2 INCH WIDTH (GREEN)	
	51920-UP	10 ft	DECAL, ACCENT STRIP - 2 INCH WIDTH (BLUE)	
5	50695-UP	2	DECAL, TIMBERPRO LOGO - 18" WHEEL	
6	16059en-UP	2	DECAL, KEEP CLEAR (ENGLISH)	
	16059ru-UP	2	DECAL, KEEP CLEAR (RUSSIAN)	
	16059fr-UP	2	DECAL, KEEP CLEAR (FRENCH)	
7	24286-UP	1	DECAL, WELDING NOTICE	
8	51820-UP	1	DECAL, Fire Extinguisher inside	

DO NOT OPERATE UNTIL READING THESE INSTRUCTIONS!

OPERATOR AND SERVICE PERSONNEL MUST READ OPERATORS MANUAL BEFORE OPERATING THIS MACHINE!

TO ACTIVATE CONTROLS THE CAB DOOR MUST BE CLOSED AND THE SYSTEM ARM SWITCH ACTIVATED.

1. Engine Throttle control - Turn clockwise to increase R.P.M. On cold starts keep R.P.M. low until oil warms up.
2. System Armed - This switch will activate the machine control system. The door must first be closed.
3. Charge Heater switch - Press the "Charge Heater" switch to activate the hydraulic oil charge heater system. This system warms the hydraulic oil and will not let the machine control system be active until turned off.
4. Parking Brake switch - Press the "Parking Brake" switch to activate the parking brake. Press switch again to turn off the parking brake and activate the "Auto Brakes" feature.
5. Wheel drive speed control - Turn clockwise to increase track drive speed or counter-clockwise to decrease track drive speed.
6. Hydraulic motor shift switch - Press the "Motor Shift" switch to lock both track drive motors in MAX displacement for low speed and MAX power.
7. Spare -
8. Disc Saw - Press the "Disc Saw" switch to activate the (OPTIONAL) Disc Saw attachment.

WARNING

CHECK OPERATOR'S EMERGENCY ESCAPE HATCH BEFORE EVERY SHIFT.

SEE YOUR OPERATOR'S WARNING MANUAL FOR SPECIFIC PROCEDURES.

WARNING

NEVER LEAVE EXHAUST FUMES COILING UP IN THE CABIN. INHALE TO YOUR HEALTH. ALWAYS USE A WELL VENTILATED AREA.

WARNING

TO PREVENT MACHINE FIRES KEEP AREAS NEAR ENGINE, ELECTRICAL, AND HYDRAULIC COMPONENTS FREE OF OIL, GREASE, CLEAN OIL, AND FUEL. CLEAN ONLY FIRE EXTINGUISHERS ON MACHINE AND KNOW HOW TO USE IT.

WARNING

SOME ATTACHMENTS CAN CONTACT THE OPERATOR'S CAB.

ALWAYS BE CAREFUL WHEN WORKING IN CLOSE TO THE MACHINE.

PN 52077

1

2

DO NOT OPERATE UNTIL READING THESE INSTRUCTIONS!

OPERATOR AND SERVICE PERSONNEL MUST READ OPERATORS MANUAL BEFORE OPERATING THIS MACHINE!

TO ACTIVATE CONTROLS THE CAB DOOR MUST BE CLOSED AND THE SYSTEM ARM SWITCH ACTIVATED.

1. Engine Throttle control - Turn clockwise to increase R.P.M. On cold starts keep R.P.M. low until oil warms up.
2. System Armed - This switch will activate the machine control system. The door must first be closed.
3. Charge Heater - This switch activates the optional hydraulic oil charge heater.
4. Auto parking brake system - This switch will engage the auto park brake. When the red light is "on" the parking brake is active. When the travel pedal is pressed the brake will automatically release.
5. Fuel economy switch - When turned on, the engine R.P.M. will increase when function is activated to the present (approx. 1300 R.P.M. for loading) to full throttle for travel. This is important to use for reducing fuel consumption.
6. Spare of Disc Saw switch - Daily used to activate disc saw.
7. Wheel drive speed control - Turn clockwise to increase speed.
8. Hydraulic motor shift switch - Press the switch once for "medium or down-hill speed" press the switch twice and it will lock both motors in Max displacement for low speed. displacement for down hill control. Press again and the light will be off and will allow motors to flex and give Max or "High" speed.
9. Speed lock switch - Press this switch to activate "speed gear" for high speed (average 10-12 P.H.). Machine must be stopped by shift and may require steering action for gears to engage.
10. Reverse select switch - Press this switch to change steering for natural movement when traveling in reverse.
11. Steer joystick option - This "option" can take the place of the right control handle for steering.
12. Auto differential lock - Press this switch to lock the axle differential. Always stop the machine completely before trying to engage and only use when necessary.
13. Swing detect switch - Press this switch to activate the swing detect or "load" position for more easily traveling in reverse with the grapple clamped onto the rear frame.

TO EASE CAB ACCESS, PARK THE MACHINE WITH THE BOOM SLIGHTLY MORE THAN 90 DEGREES TO THE RIGHT.

WARNING

CHECK OPERATOR'S EMERGENCY ESCAPE HATCH BEFORE EVERY SHIFT.

SEE YOUR OPERATOR'S WARNING MANUAL FOR SPECIFIC PROCEDURES.

WARNING

NEVER LEAVE EXHAUST FUMES COILING UP IN THE CABIN. INHALE TO YOUR HEALTH. ALWAYS USE A WELL VENTILATED AREA.

WARNING

TO PREVENT MACHINE FIRES KEEP AREAS NEAR ENGINE, ELECTRICAL, AND HYDRAULIC COMPONENTS FREE OF OIL, GREASE, CLEAN OIL, AND FUEL. CLEAN ONLY FIRE EXTINGUISHERS ON MACHINE AND KNOW HOW TO USE IT.

WARNING

SOME ATTACHMENTS CAN CONTACT THE OPERATOR'S CAB.

ALWAYS BE CAREFUL WHEN WORKING IN CLOSE TO THE MACHINE.

PN 52085

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VERY IMPORTANT

WHEN HYDRAULIC LEAK OCCURS; TURN OFF ENGINE, ACTIVATE VACUUM PUMP AND ONLY LEAVE ON UNTIL LEAK IS REPAIRED. BEFORE START UP, TURN TO VENT FOR 60 SECONDS TO PREVENT PUMP DAMAGE.

PN 51973

NOTICE PN 51720

ALWAYS REPLACE FUSE WITH THE ONE THAT IS SPECIFIED. THIS MACHINE IS EQUIPPED WITH A 24 VDC ELECTRICAL SYSTEM



CAUTION

SEVERE STRUCTURAL DAMAGE CAN OCCUR IF TAPERED HUB ASSEMBLIES ARE NOT KEPT TIGHT

DO NOT tighten 1" bolt

Torque Tapered Hub Retaining Bolts to 100 ft.lbs. (135 Nm)

THE FOLLOWING BREAK-IN PROCEDURE MUST BE PERFORMED:

1. Torque tapered hub retaining bolts after the first 2 hours of operation (5 pivots, 1 pivot if no cab level system).
2. Torque tapered hub retaining bolts each day of operation until the tapered hub is seated (the tapered hub is seated when the retaining bolts no longer loosen with operation).
3. Torque tapered hub retaining bolts after every 50 hours of operation.
4. Visually inspect tapered hub pivots daily.

PN 51828

NOTICE

FOR SAFETY, PRACTICE THE FOLLOWING SAFETY MEASURES.

GENERAL SAFETY RULES

1. To operate this piece of machinery YOU MUST BE TRAINED AND QUALIFIED.
2. Study the operator's manual and check your company's regulations and safety procedures.
3. Get to know capabilities and limitations of equipment and correct operating procedures.
4. Operate equipment only when you feel physically fit and not under the influence of alcohol or drugs.
5. Keep a serviceable first aid kit in good order on the vehicle.
6. Maintain a charged fire extinguisher on the vehicle AND KNOW HOW TO USE IT.
7. Do not remove mufflers, spark arrestors, protection guards.
8. Clean out debris from high heat areas, such as engine compartment, on at least a daily basis and always after quitting operations for the day.
9. Keep floor, steps and running boards clean and free of oil, ice, mud and loose objects.
10. Inspect equipment daily for signs of failure or beginning of failure.
11. When fueling, servicing or repairing, set booms on the ground and shut down engine.
12. Controls should not be changed without written consent from the factory.

OPERATING SAFETY MEASURES

1. Check all controls and functions for correct response before beginning work cycle with equipment.
2. Use seat belt at all times when operating the machine.
3. Operate all controls from the operator's station only.
4. Whenever leaving the operator's seat, stop the engine. Set booms on the ground so they are not supported by the hydraulics.
5. Be very careful when operating on slopes. Whenever possible, travel straight up or down to minimize possibility of rollover.
6. Be aware of people around the equipment at all times. When engine is running, maintain a safe operating distance between the equipment and other personnel and follow the approved signaling practices.
7. Use recommended protective clothing and devices such as gloves, safety boots, safety hats, goggles and ear protection when necessary.
8. Carry no passengers.



UPPER TURNTABLE DECALS

CAB DECALS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53035en-UP	1	DECAL, DASH - Slope Top (WHEELED) English	
	53035sp-UP	1	DECAL, DASH - Slope Top (WHEELED) Spanish	
	53035fr-UP	1	DECAL, DASH - Slope Top (WHEELED) French	
	53035ru-UP	1	DECAL, DASH - Slope Top (WHEELED) Russian	
2	53866en-UP	1	DECAL, DASH - FLAT TOP (WHEELED) English	
	53866sp-UP	1	DECAL, DASH - FLAT TOP (WHEELED) Spanish	
	53866fr-UP	1	DECAL, DASH - FLAT TOP (WHEELED) French	
	53866ru-UP	1	DECAL, DASH - FLAT TOP (WHEELED) Russian	
3	50694-UP	1	DECAL, TIMBERPRO LOGO - 10" WHEEL	
4	51873-UP	1	DECAL, Vacuum Switch Warning	
5	51720-UP	1	DECAL, electrical center warning	
6	51983-UP	1	Decal, Flag USA 830-630	
7	18066-UP	1	DECAL, TAPERED HUB TORQUE	
8	16062en-UP	1	DECAL, CAB OPS INSTRUCTION (english)	
	16062ru-UP	1	DECAL, CAB OPS INSTRUCTION (russsian)	
	16062fr-UP	1	DECAL, CAB OPS INSTRUCTION (french)	
9	19540-UP	4	DECAL, EMERGENCY ESCAPE - 1.5" DIA.	
10	19539en-UP	2	DECAL, EMERGENCY ESCAPE - 2" x 12.625" (english)	
	19539ru-UP	2	DECAL, EMERGENCY ESCAPE - 2" x 12.625" (russian)	
	19539fr-UP	2	DECAL, EMERGENCY ESCAPE - 2" x 12.625" (french)	

1

MASTER ELECTRICAL DISCONNECT
(under this cover)

Turn "OFF" when leaving machine unattended.

ON OFF

PN# 51821

4

NOTICE

GREASE FILTER CANISTER THREADS BEFORE INSTALLATION.

FAILURE TO DO SO MAY CAUSE THE FILTER CANISTER THREADS TO SEIZE.

PN# 23451

6

Charge Pressure Charge Heater

PN# 53201

7

Wheel Drive Pressure

Imp Pressure

PN# 53201

2

WARNING

FAN GUARD MUST BE BOLTED IN PLACE BEFORE OPERATING THIS UNIT.

KEEP CLEAR OF ALL MOVING PARTS. SERIOUS PERSONAL INJURY COULD RESULT.

PN# 53105

5

DOOR LIFT PUMP

USE - ATF DEXRON III or EQUAL FLUID WHEN FILLING RESERVOIR

51992

FULL

ADD OIL

8

Charge Pressure Left Track Pump Right Track Pump Implement Pump Charge Heater

PN# 53200

9

DIESEL FUEL FOR PRE-HEATER ONLY!

PN 25959

10

FIRE EXTINGUISHER LOCATED INSIDE

11

FIRE SUPPRESSION MANUAL OVERRIDE ACTUATOR LOCATED INSIDE THIS COVER.

PN# 51997

3

NOTICE

REMOVE **RED** POSITIVE BATTERY CABLE & **BLACK** NEGATIVE BATTERY CABLE BEFORE WELDING.

FAILURE TO DO SO MAY RESULT IN DAMAGE TO ELECTRICAL COMPONENTS.

PN# 24291

12

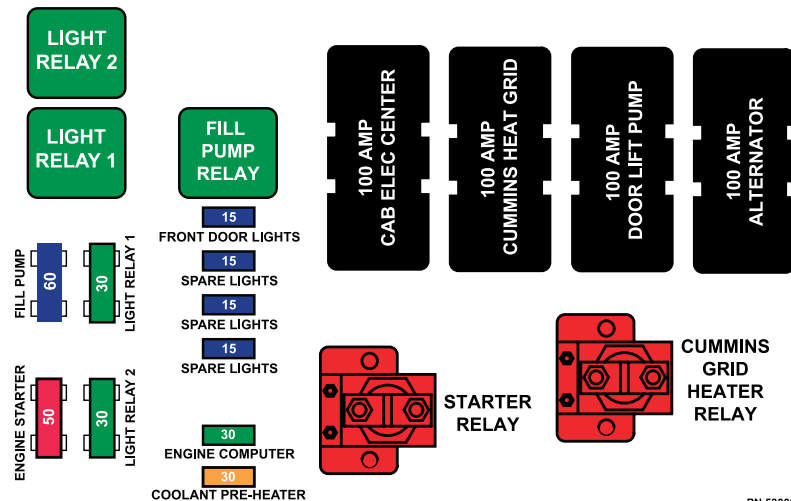
DANGER

MAXIMUM SUPPORTED WEIGHT OF GULLWING WORK PLATFORM NOT TO EXCEED **500 LBS (227 kg)**

13

NOTICE

THIS MACHINE IS EQUIPPED WITH A 24-VDC ELECTRICAL SYSTEM. ALWAYS REPLACE FUSE WITH THE ONE THAT IS SPECIFIED.

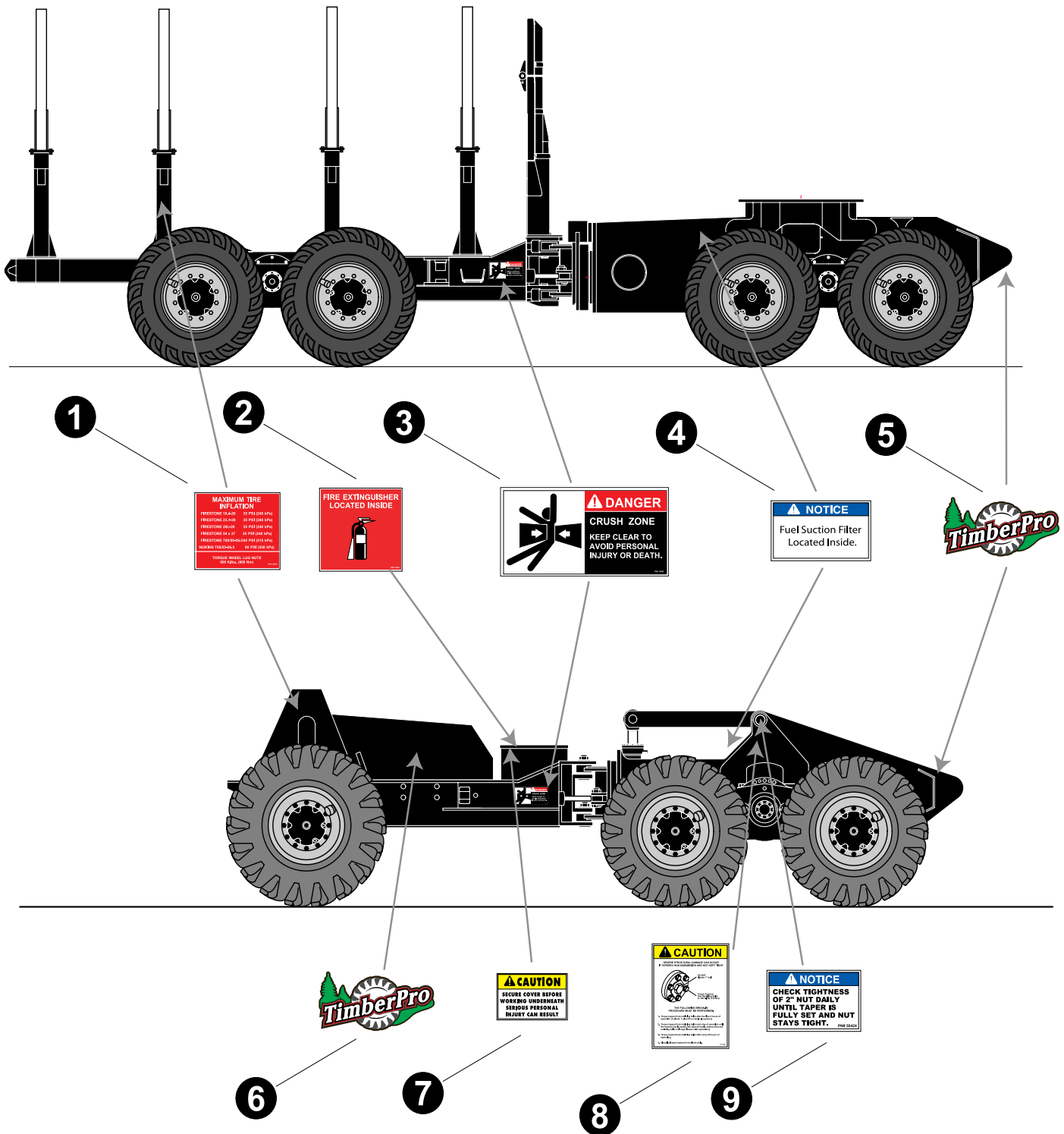


PN 53008

UPPER TURNTABLE DECALS

ENGINE & VALVE COMPARTMENT DECALS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51821-UP	1	DECAL, Master Disconnect Cover	
2	19765-UP	1	DECAL, KEEP CLEAR OF MOVING PARTS	
3	24286-UP	1	DECAL, WELDING NOTICE - 300HP	
4	23451-UP	1	DECAL, GREASE FILTER CANISTER	
5	51902-UP	1	DECAL, Door Lift Pump Oil	
6	53201-UP	1	DECAL, pressure test charge (wheeled machine)	
7	53202-UP	1	DECAL, pressure test imp drive (wheeled machine)	
8	53200-UP	1	DECAL, pressure test imp drive (track machine)	
9	25959-UP	1	DECAL, DIESEL FUEL ONLY	
10	51820-UP	1	DECAL, Fire Extinguisher inside	
11	51927-UP	1	DECAL, Fire Surpression actuator inside	
12	52672-UP	1	DECAL, GULLWING SUPPORT WEIGHT WARNING	
13	53008-UP	1	DECAL, engine electrical center MDL	



UPPER TURNTABLE DECALS**TF 830, 840, AND 630 LOWER FRAME DECALS**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	50964-UP	2	DECAL, TIMBERPRO LOGO - 10" WHEEL	
2	19678-UP	4	DECAL, TIRE PRESSURE	
3	16060-UP	8	DECAL, DANGER CRUSH ZONE	
4	51261-UP	1	DECAL, Fuel Suction Filter location	
5	50695-UP	2	DECAL, TIMBERPRO LOGO - 18" WHEEL	
6	50424-UP	2	DECAL, TORQUE 2" NUT NOTICE	
7	50359-UP	2	DECAL, SECURE COVER CAUTION	
8	18066-UP	2	DECAL, TAPERED HUB TORQUE	
9	50424-UP	2	DECAL, TORQUE 2" NUT NOTICE	

