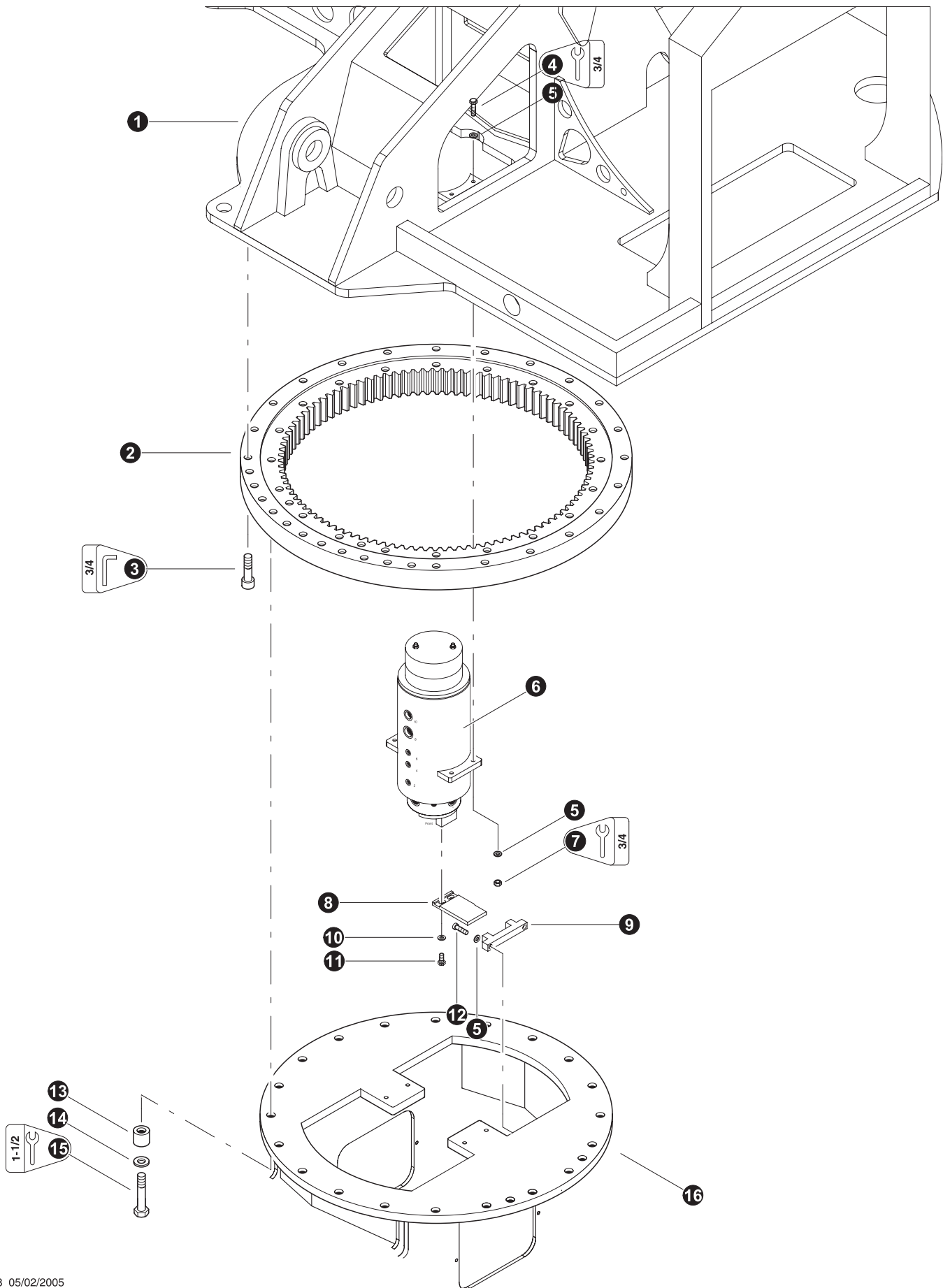






Section UP-1

Upper Turntable - Structural Components, Doors, and Covers



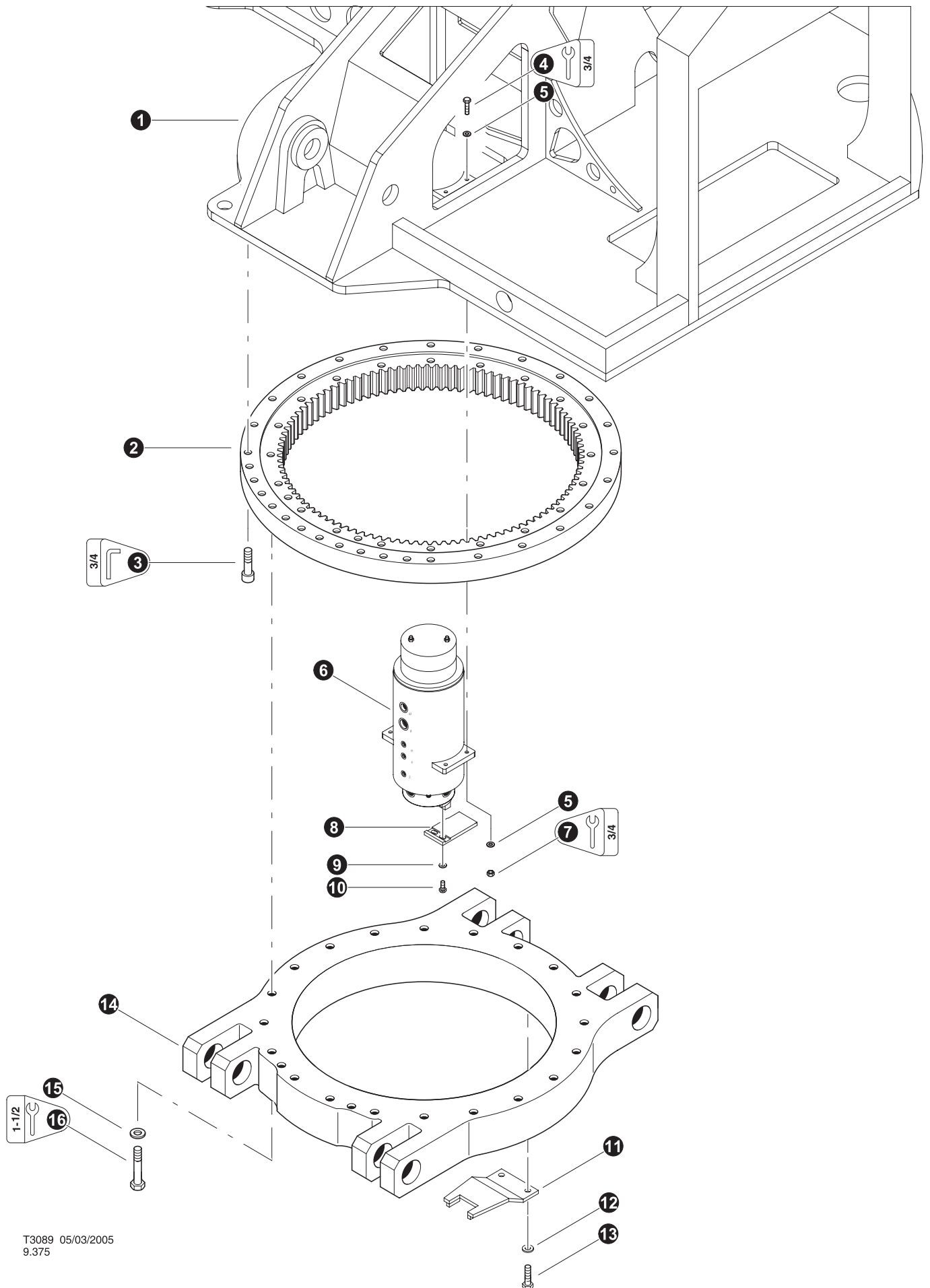
UPPER TURNTABLE INSTALLATION (Non-Leveling Machines)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51605-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE	
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	80468-UP	1	BRACKET, swivel lock	
9	42664-UP	1	BRACKET, swivel lock mate Non-Level	
10	22666-UP	2	WASHER, SAE FLAT - .5" (EXTRA THICK)	
11	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	
12	-UP	2	BOLT, allen head - 1/2" x 1.75" (See Note 1 Below)	
13	12463-UP	24	SPACER, bolt - upper turntable mounting	
14	15579-UP	24	WASHER, SAE FLAT - 1"	
15	18535-UP	24	BOLT - 1" x 5" (Torque to 1000 ft.lbs (1350 Nm))	
16	REF.	1	 FRONT FRAME BEARING MOUNT	FF-1 / HN-1

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



Note: 1



Use Loctite 272 (blue) during installation.



T3089 05/03/2005
9.375

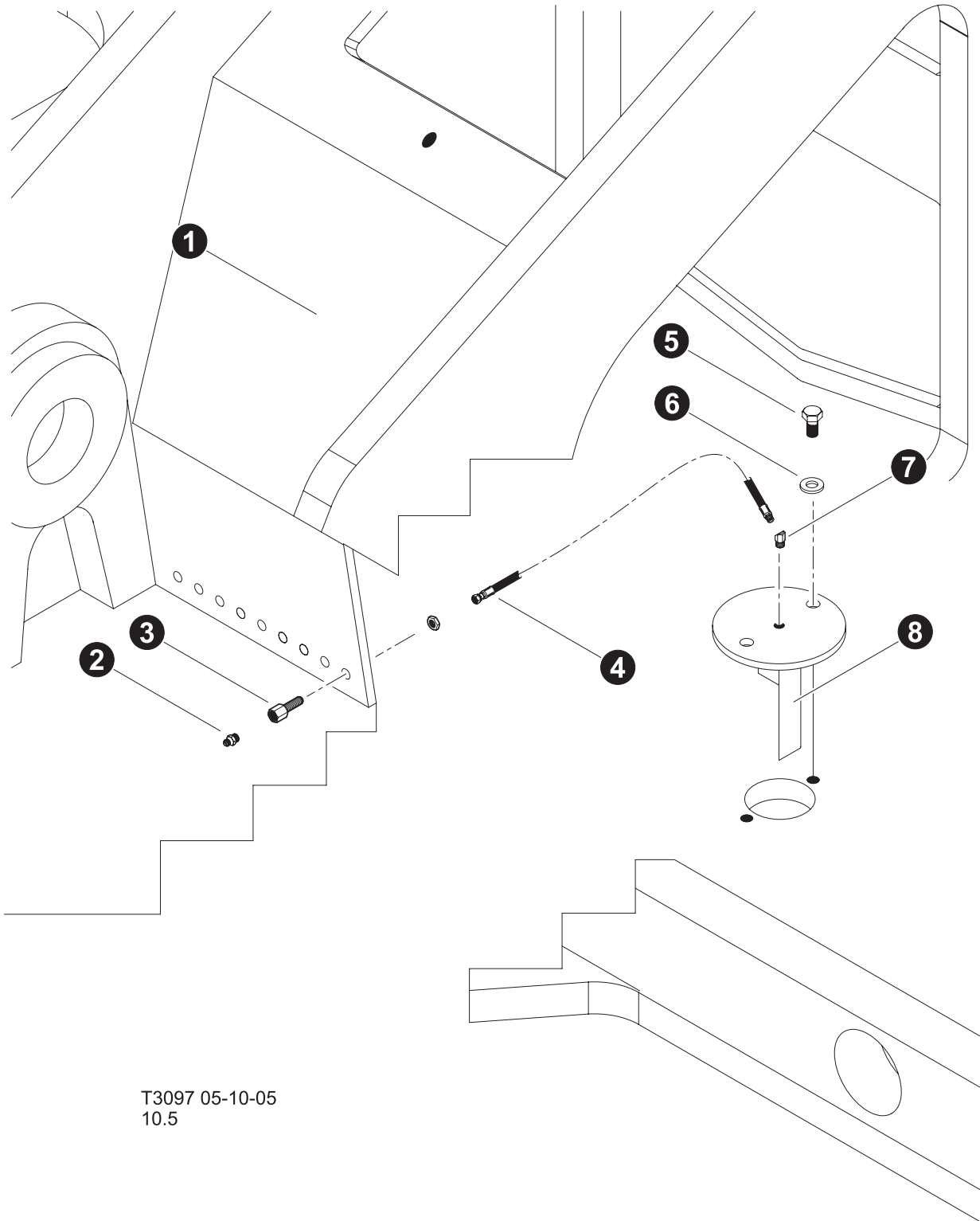
UPPER TURNTABLE INSTALLATION (Leveling Machine)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51605-UP	1	WELDMENT, UPPER T.T. - 830 COMPLETE	
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	8	WASHER, SAE flat - 1/2"	
6	REF.	1	 ROTARY MANIFOLD	UP-1
7	10815-UP	4	NUT, lock - 1/2"	
8	80468-UP	1	BRACKET, swivel lock	
9	22666-UP	2	WASHER, SAE FLAT - .5" (EXTRA THICK)	
10	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	
11	51913-UP	1	BRACKET, SWIVEL LOCK - LEVELING 630/830	
12	15550-UP	2	WASHER, SAE FLAT - .75"	
13	15549-UP	2	BOLT - .75" X 2.0 (See Note 1 Below)	
14	REF.	1	 LOWER TURNTABLE - LEVELING FRAME	BF-1 / HL-1
15	15579-UP	24	WASHER, SAE FLAT - 1"	
16	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.



T3097 05-10-05
10.5

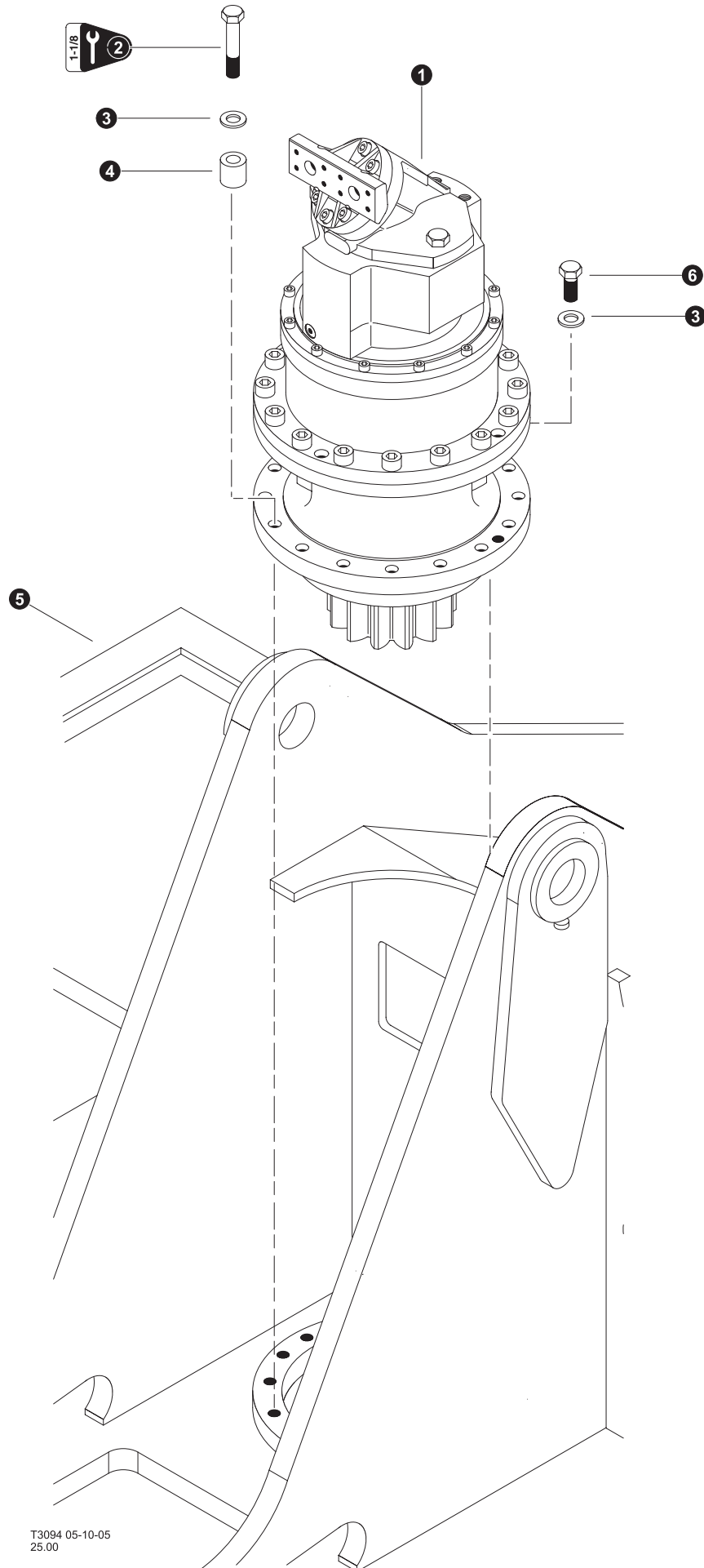
UPPER TURNTABLE INSTALLATION (Swing Bearing Grease Line)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	10704-UP	1	FITTING, GREASE - .125 NPT - STR	
3	15658-UP	1	CONNECTOR, STR BULKHEAD - 2239-2-4S	
4		1	HOSE ASSEMBLY - 1021-02-02MS-04JS	
5	15542-UP	2	BOLT - .375" X .75"	
6	15528-UP	2	WASHER, SAE FLAT - .375"	
7	21671-UP	1	ELBOW, 45 - 5546134	
8	17612-UP	1	CUP, BULL GEAR GREASE - WIDE GEAR	

-  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

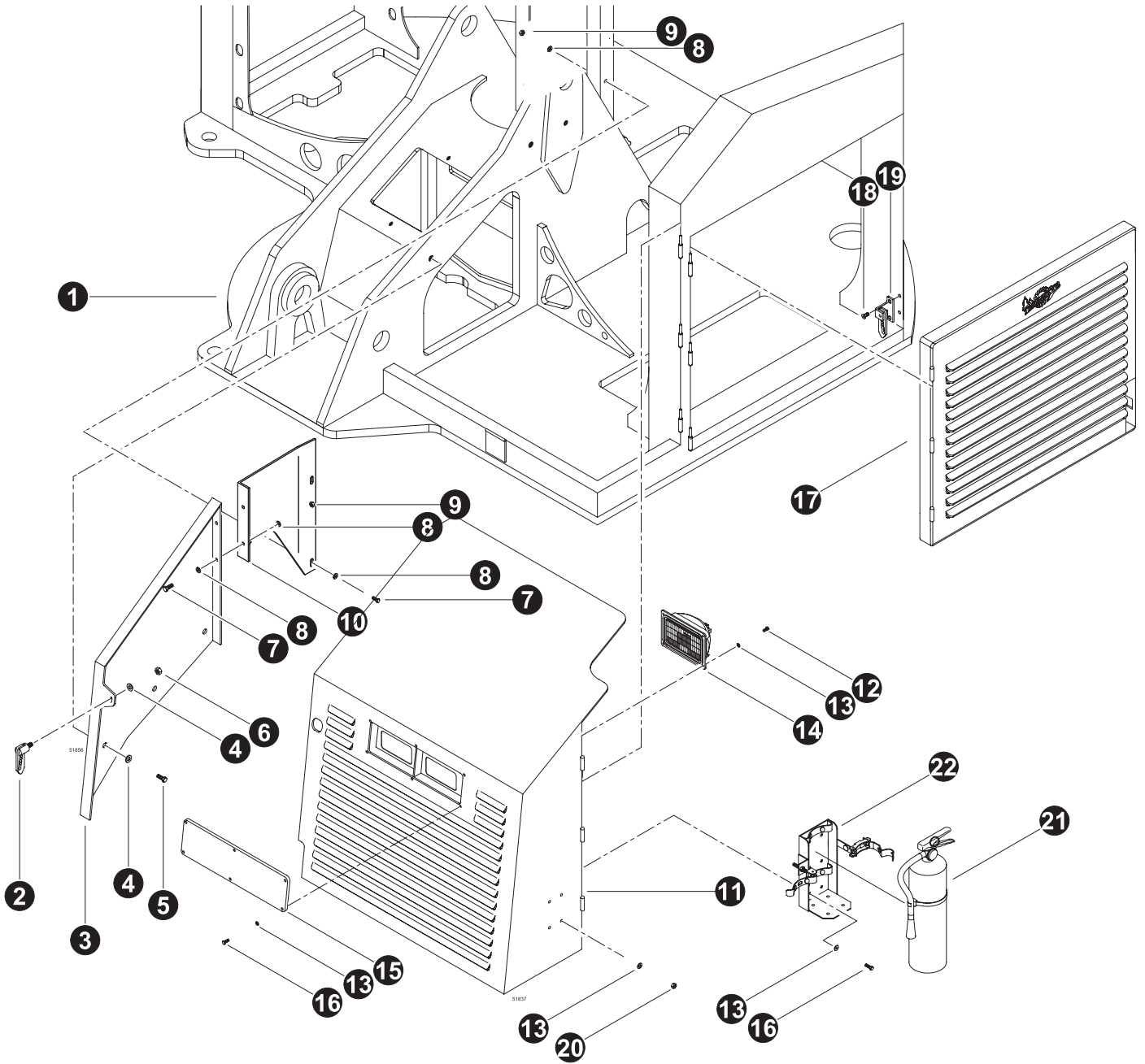
SWING MOTOR INSTALLATION (Lohmann/Rexroth)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SWING MOTOR - Lohmann/Rexroth	LH,HH,CH
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" (See Note 1 Below)	


 See reference page for component or assembly breakdown.

Note: 1

Use Loctite 272 (blue) during installation.

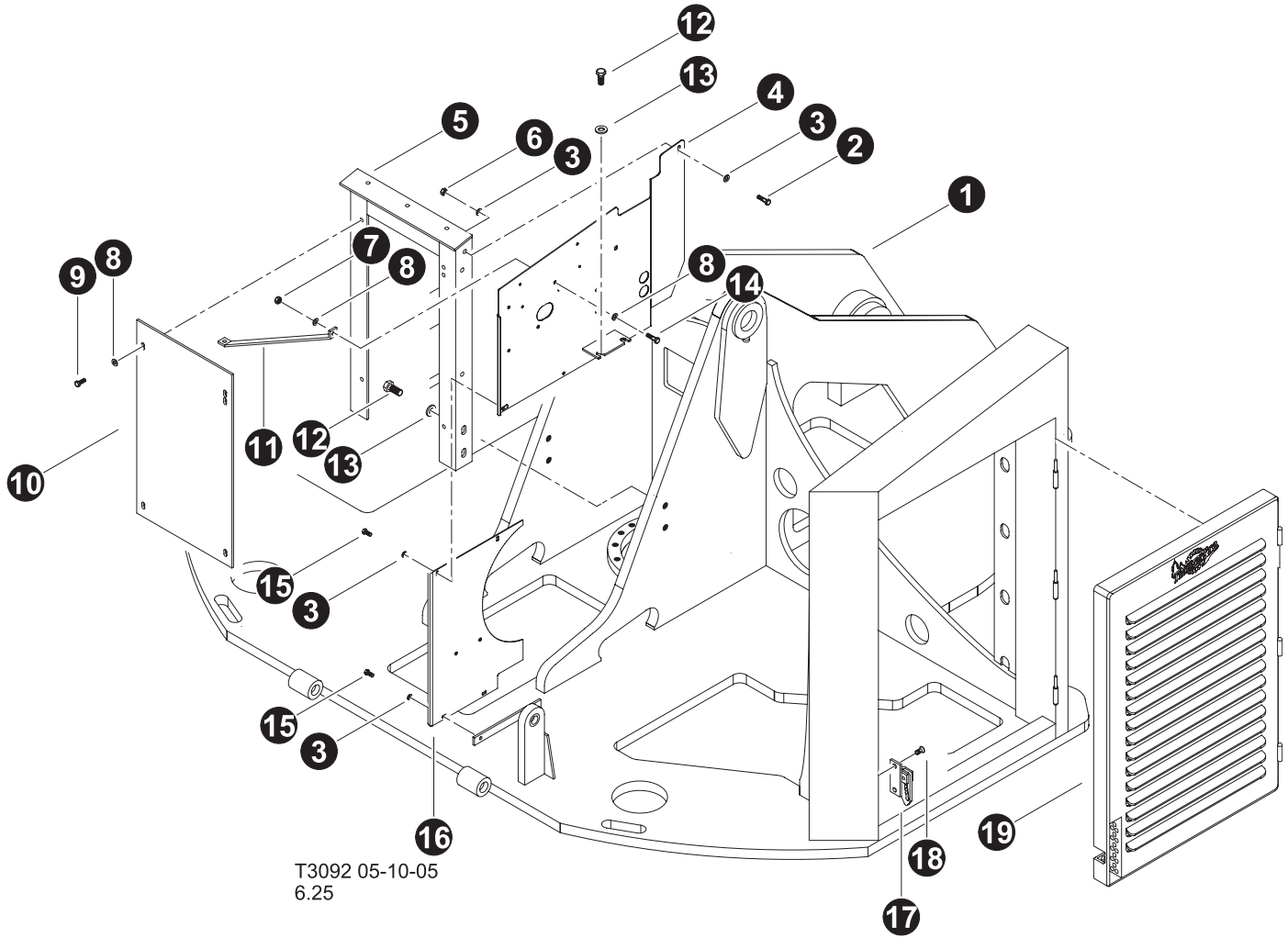


UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Front Door and Side Radiator Door Install)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	51883-UP	1	LATCH, CAM - 1.5" FRONT DOOR 630/830	
3	51856-UP	1	COVER, INSIDE FRONT DOOR	
4	10804-UP	3	WASHER, flat - 1/2"	
5	10783-UP	1	BOLT - 1/2" x 1"	
6	10815-UP	1	NUT, LOCK - .5"	
7	11707-UP	3	BOLT - .375" X 1"	
8	15528-UP	6	WASHER, SAE FLAT - .375"	
9	10813-UP	3	NUT, LOCK - .375"	
10	51877-UP	1	COVER, TOP FRT DOOR	
11	50837-UP	1	DOOR, FRONT SWING OUT	
12	15604-UP	8	BOLT - .25" X .75"	
13	10757-UP	6	WASHER, SAE FLAT - .25"	
14	REF	2	LIGHT	ES
15	51693-UP	1	LEXAN, LIGHT COVER SWING OUT FRONT DOOR	
16	15576-UP	6	BOLT - .25" X 1"	
17	51659-UP	1	DOOR, - RADIATOR	
18	51850-UP	2	BOLT, CAM LATCH - FHSCS 3/8 - 16 X 1 ZB	
19	51657-UP	1	LATCH, CAM - DOOR R.H. (RADIATOR-GULLW)	
20	15509-UP	4	NUT, nylock - 1/4"	
21	16222-UP	1	FIRE EXTINGUISHER W/BRACKET - 10 LBS	
-	51740-UP	1	FIRE EXTINGUISHER W/BRACKET - 2.5 GAL (WATER) - OPTIONAL	
22	NSS	1	BRACKET, fire extinguisher	



See reference page for component or assembly breakdown.

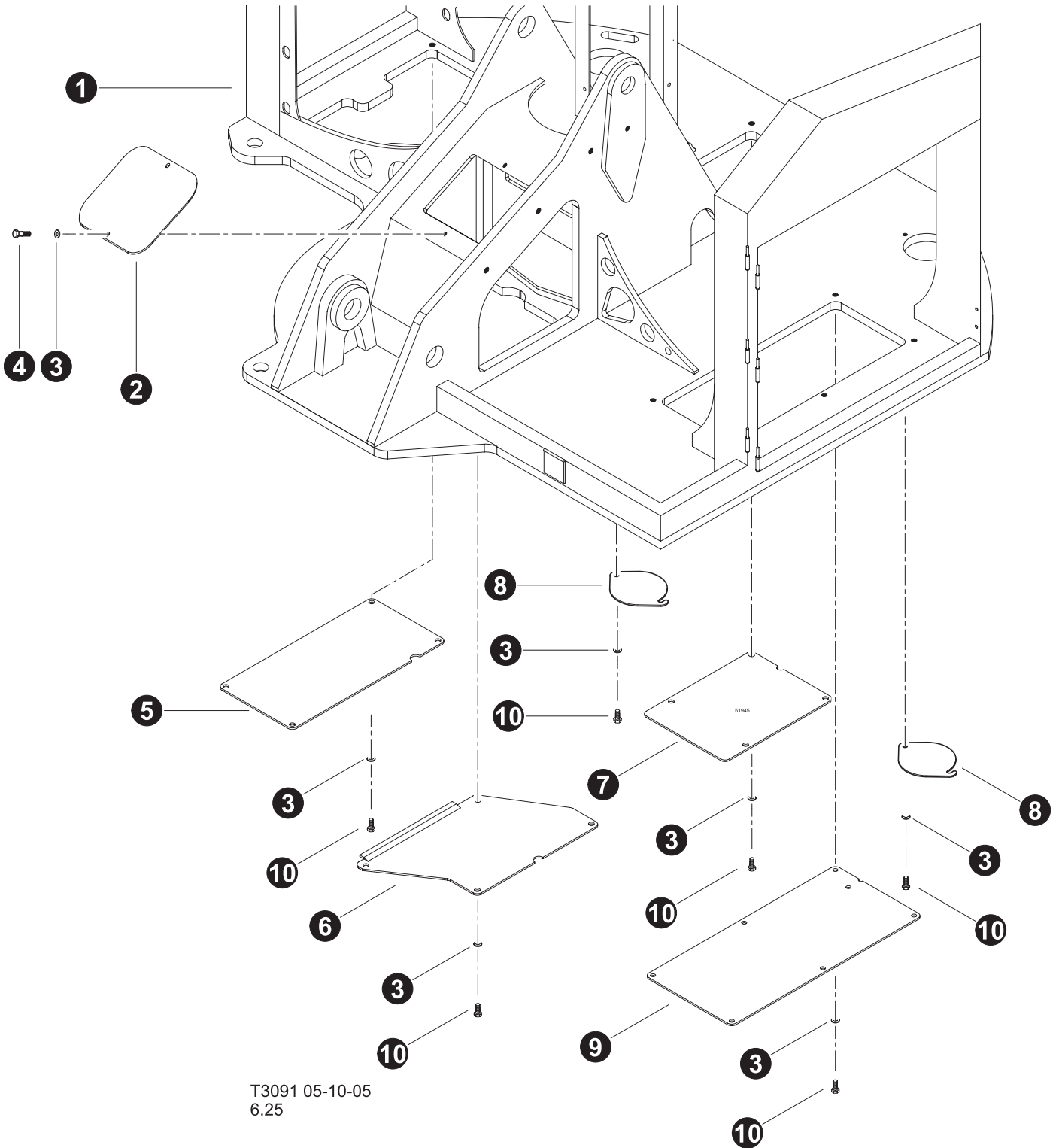


UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Rear Panels and Oil Cooler Door Installation)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
2	15589-UP	1	BOLT - .3125" X 1"	
3	15559-UP	6	WASHER, SAE FLAT - .3125"	
4	51822-UP	1	BARRIER, UPPER	
5	51609-UP	1	BRACKET, GULLWING STOP	
6	10812-UP	1	NUT, LOCK - .3125"	
7	10813-UP	1	NUT, LOCK - .375"	
8	15528-UP	6	WASHER, SAE FLAT - .375"	
9	15542-UP	4	BOLT - .375" X .75"	
10	42660-UP	1	COVER, GULLWING STOP	
11	42661-UP	1	BRACE, BARRIER	
12	15502-UP	6	BOLT - .625" X 1.5"	
13	10771-UP	6	WASHER, SAE FLAT - .625"	
14	11707-UP	1	BOLT - .375" X 1"	
15	15605-UP	4	BOLT - .3125" X .75"	
16	51823-UP	1	BARRIER, LOWER	
17	51658-UP	1	LATCH, CAM - DOOR L.H. (OIL COOLER)	
18	51850-UP	2	BOLT, CAM LATCH - FHSCS 3/8 - 16 X 1 ZB	
19	51660-UP	1	DOOR, OIL COOLER	



See reference page for component or assembly breakdown.

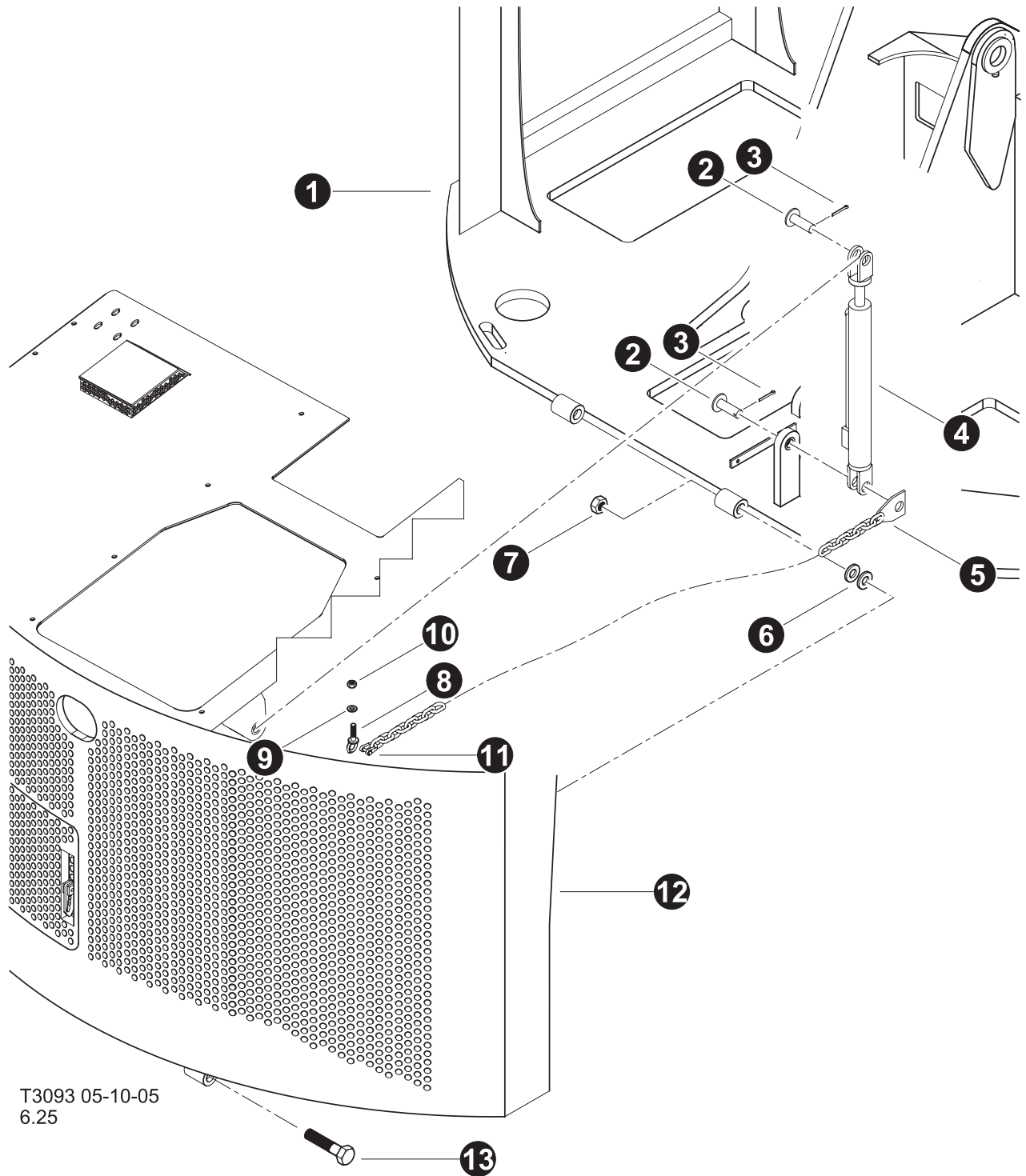


UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (COVER INSTALLATIONS)

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	51943-UP	1	COVER, OIL COOLER OUTSIDE - BOTTOM	
6	51944-UP	1	COVER, OIL COOLER INSIDE BOTTOM	
7	51945-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.

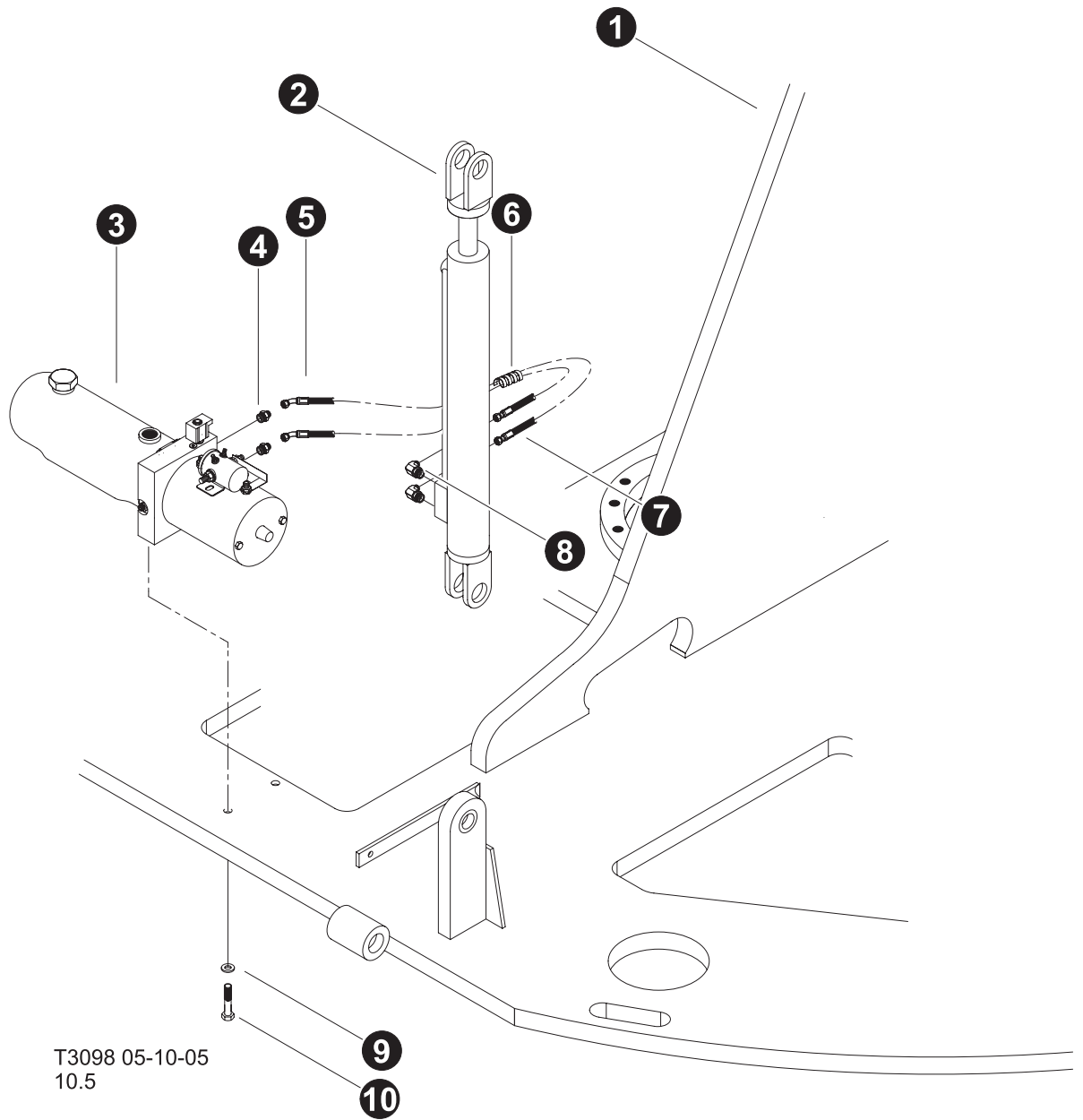


T3093 05-10-05
6.25

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	51862-UP	2	PIN, GULLWING - 1.25" X 3.0"	
3	20249-UP	2	PIN, COTTER - .25" X 2"	
4	REF.	1	 GULL WING CYLINDER	UP-1
5	51958-UP	1	CHAIN, GULLWING STOP (ASSEMBLY)	
6	15579-UP	4	WASHER, SAE FLAT - 1"	
7	18253-UP	2	NUT, LOCK - 1"	
8	51935-UP	1	BOLT, EYE - LIFT .5" - GULLWING	
9	15534-UP	1	WASHER, SAE FLAT - .5"	
10	10711-UP	1	NUT, HEX - .5"	
11	51936-UP	1	CLEVIS, 3/8" - GULLWING	
12	REF	1	 DOOR, GULLWING - ASSEMBLY	UP-1
13	18529-UP	2	BOLT - 1" X 9" (Cut down to 7.5")	

 See reference page for component or assembly breakdown.



T3098 05-10-05
10.5

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

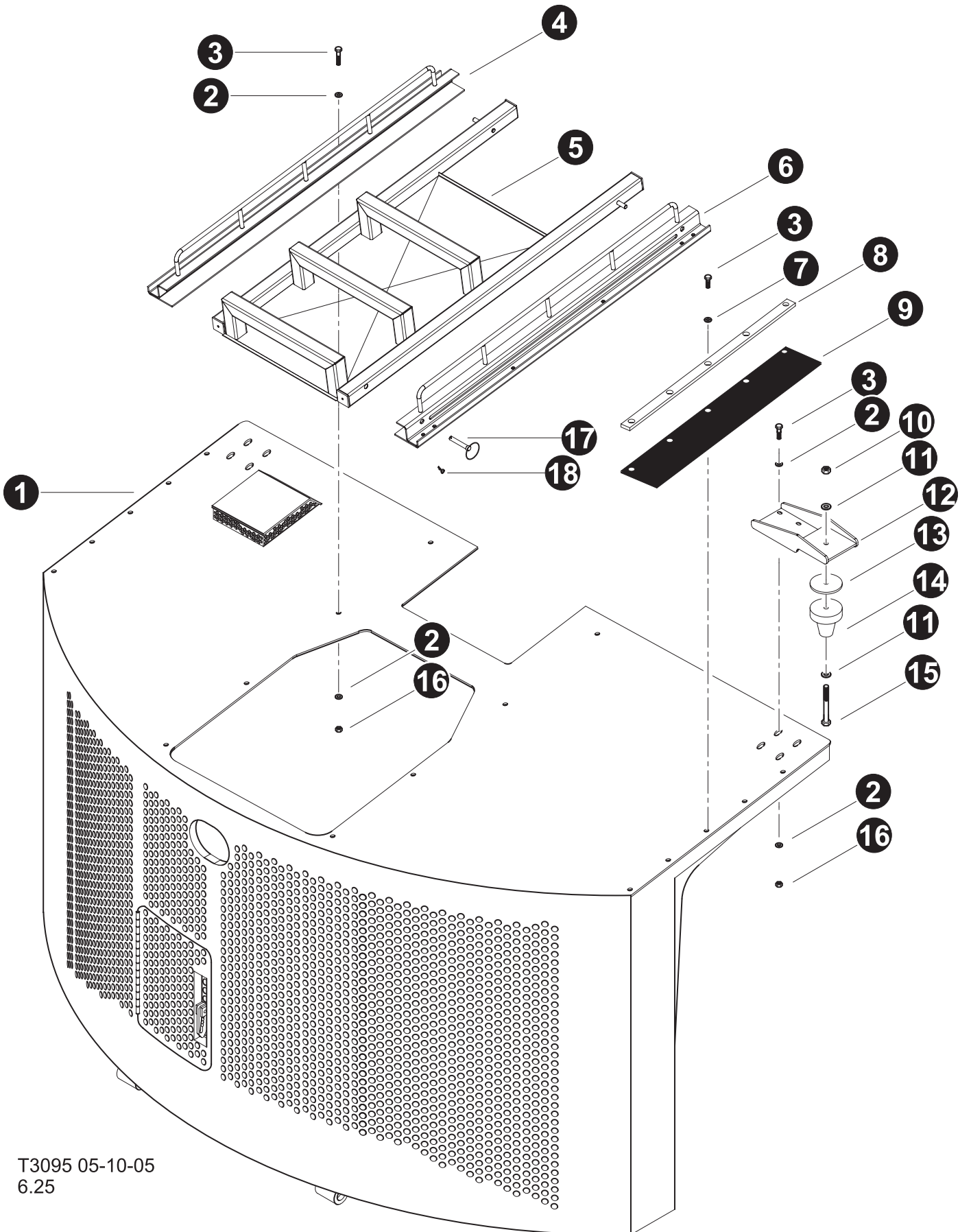
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		UPPER TURNTABLE WELDMENT	UP-1
2	REF.	1		GULL WING CYLINDER	UP-1
3	51577-UP	1		PUMP, POWER UNIT - GULL WING	
4	15124-UP	2		CONNECTOR, STR - FF1852T-0406S	
5	50606-UP	1		HOSE ASSEMBLY - 2043-04OS-0404	
6	20843-UP	3ft		PROTECTOR, HOSE - SPRIAL (.78")(BULK)	
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.



T3095 05-10-05
6.25

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

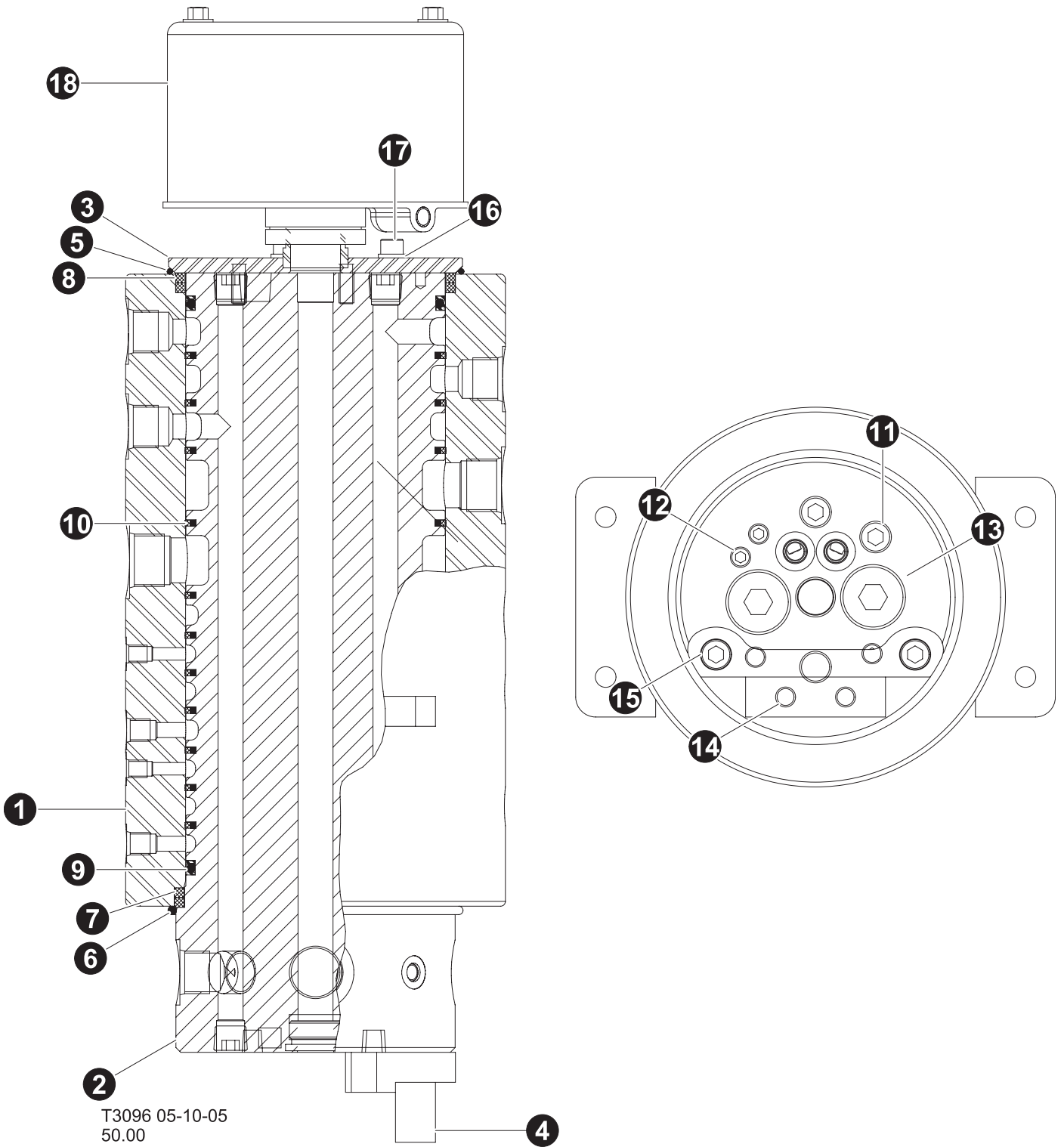
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51661-UP	1	DOOR, GULLWING	
2	10802-UP	32	WASHER, FLAT - .375"	
3	10402-UP	26	BOLT - .375" X 1.25"	
4	51864-UP	1	SLIDE, GULLWING LADDER DOOR (RH/LH)	
5	51865-UP	1	DOOR, LADDER for GULLWING	
6	51864-UP	1	SLIDE, GULLWING LADDER DOOR (RH/LH)	
7	15528-UP	10	WASHER, SAE FLAT - .375"	
8	42645-UP	2	BAR, GULLWING RUBBER STIFFENER	
9	42646-UP	2	RUBBER, SEAL - GULLWING UPPER SEAM	
10	10815-UP	2	NUT, LOCK - .5"	
11	15534-UP	4	WASHER, SAE FLAT - .5"	
12	51776-UP	2	MOUNT, GULLWING TOP	
13	15524-UP	2	WASHER, ISOLATOR MOUNT - .625" X 3.5"	
14	51702-UP	2	ISOLATOR, GULLWING MOUNTING	
15	10835-UP	2	BOLT - .5" X 4.5"	
16	10813-UP	1	NUT, LOCK - .375"	
17	51863-UP	1	<input type="checkbox"/> PIN, D-RING - GULLWING DOOR 1/2" X 4 3/4"	
18		1	HAIRPIN CLIP, GULLWING D-RING PIN	



See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (ROTARY MANIFOLD BREAKDOWN)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51582-UP	1	<input type="checkbox"/> MANIFOLD, ROTARY - W/CANBUS WIPERS (11 PORTS)	
1		1	HOUSING ASSEMBLY - 11 PORTS (8133-001)	
2		1	SPOOL - 11 PORTS (8133-002)	
3		1	KEEPER PLATE (8133-003)	
4		1	TORQUE ARM ASSEMBLY (8073-0005)	
5		1	O-RING SEAL (0000-3260)	
6		1	O-RING SEAL (0000-3363)	
7		2	WEAR RING (0000-5062)	
8		2	WEAR RING (0000-5063)	
9		2	CROWN SEAL (0004-5437)	
10		11	SEAL KIT (0000-9125)	
11	17488-UP	6	1/2 - 14 NPT PLUG - 5406-HHP-8	
12	18106-UP	4	1/4 - 18 NPT PLUG - 5406-HHP-4	
13	19847-UP	2	#16 SAE PLUG - 6408-HHP-16	
14		2	3/8 SPIRAL ROLL PIN (0000-6707)	
15		2	SOCKET HEAD CAP SCREW (0000-2022)	
16		4	3/8 LOCK WASHER (0000-2603)	
17		4	SOCKET HEAD CAP SCREW (0000-2019)	
18	52007-UP	1	7 - CIRCUIT SLIP RING ASSEMBLY	
19	-UP	1	12 - CIRCUIT SLIP RING ASSEMBLY (HYDROMOTION)	
-	52008-UP	1	SEAL KIT (LOWRENCE ROTARY MANIFOLD 11 PORT)	

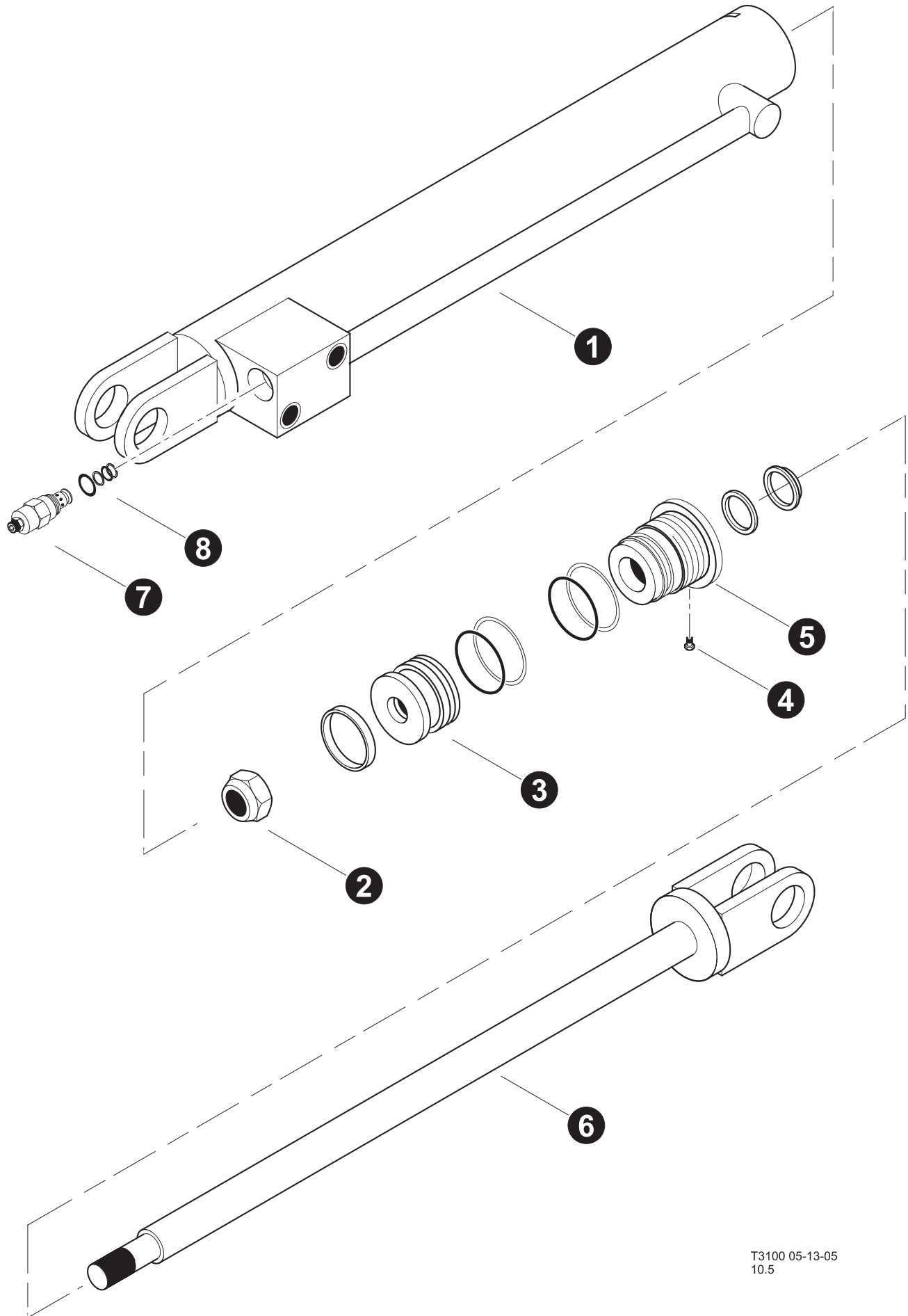


See reference page for component or assembly breakdown.



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.



T3100 05-13-05
10.5

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

S/N - 104 AND BELOW

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	26602-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	VALVE CARTRIDGE (725047A)	
8		1	SEAL KIT - CARTRIDGE (SKV-1021)	
-	52011-UP	1	KIT, SEAL REPAIR - GULL WING CYL	

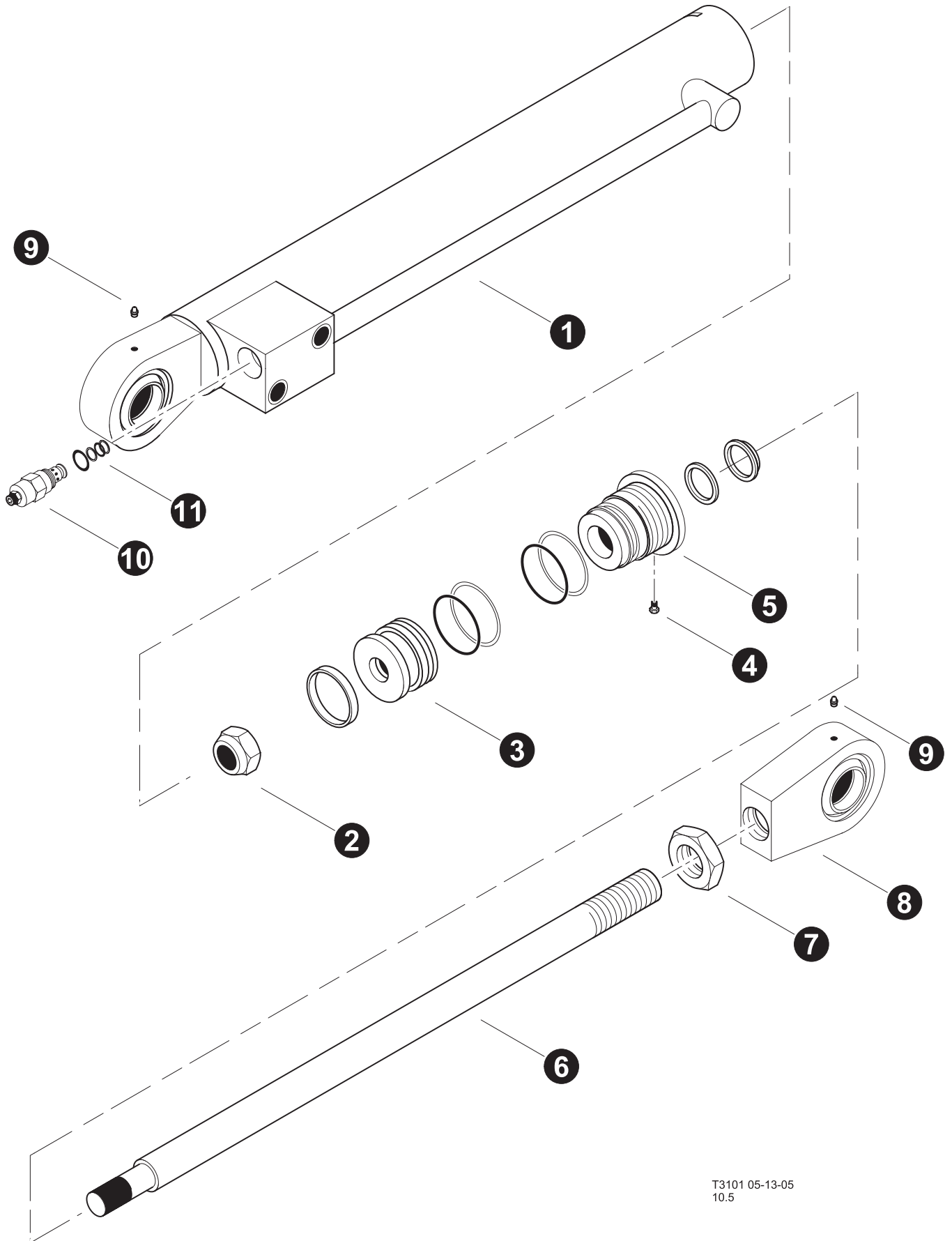


See reference page for component or assembly breakdown.



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.



T3101 05-13-05
10.5

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

S/N - 105 AND ABOVE

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.

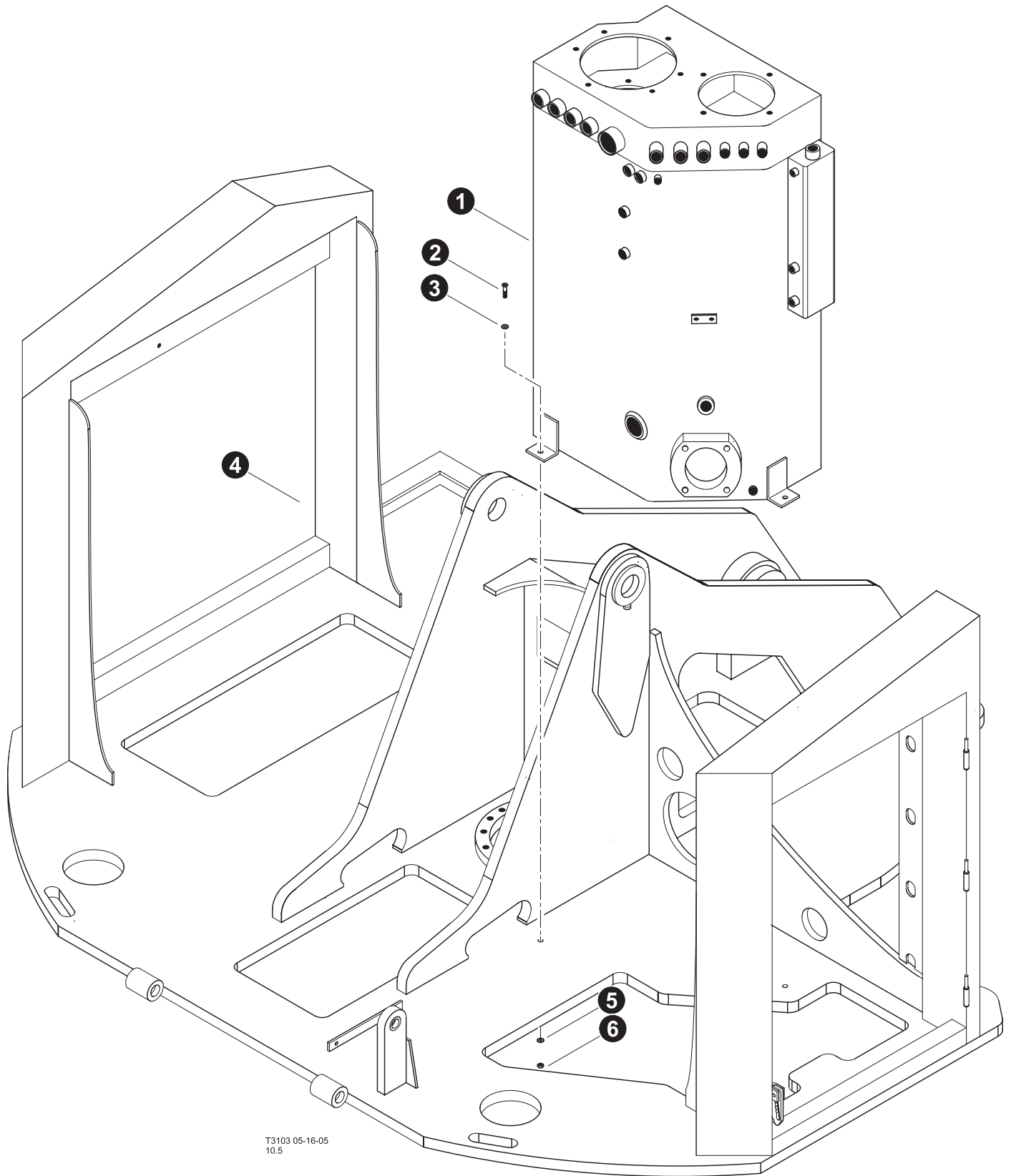


Kit or Assembly - includes all items indented underneath.

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



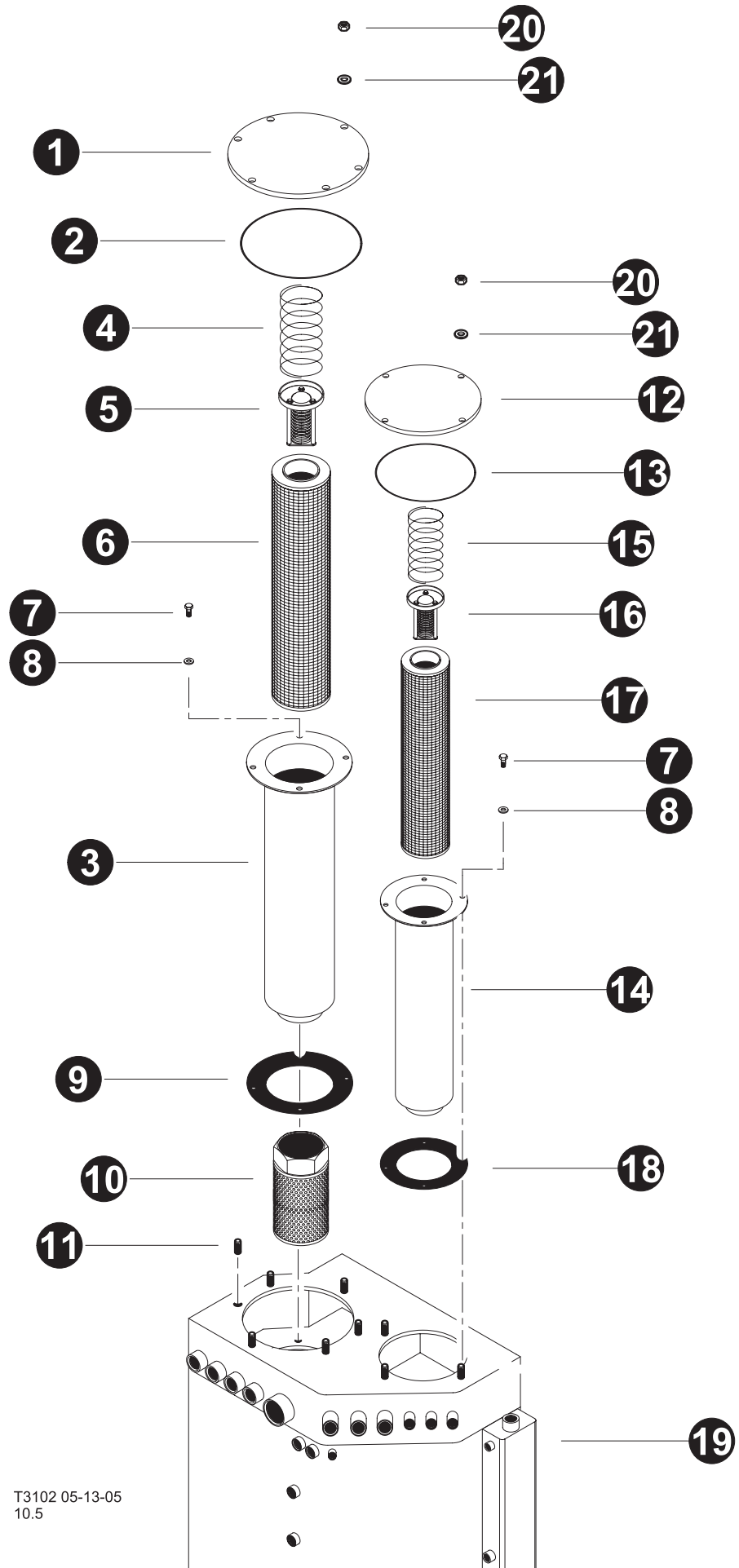
T3103 05-16-05
10.5

HYDRAULIC TANK INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51583-UP	1	TANK, HYDRAULIC OIL (830,840 & 630)	
2	51854-UP	2	BOLT, FLAT HEADED PLOW - 1/2" X 2 1/2"	
3	15534-UP	2	WASHER, SAE FLAT - .5"	
4	REF	1	 UPPER TURNTABLE ASSEMBLY	UP-1
5	15534-UP	2	WASHER, SAE FLAT - .5"	
6	10815-UP	2	NUT, LOCK - .5"	

-  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.



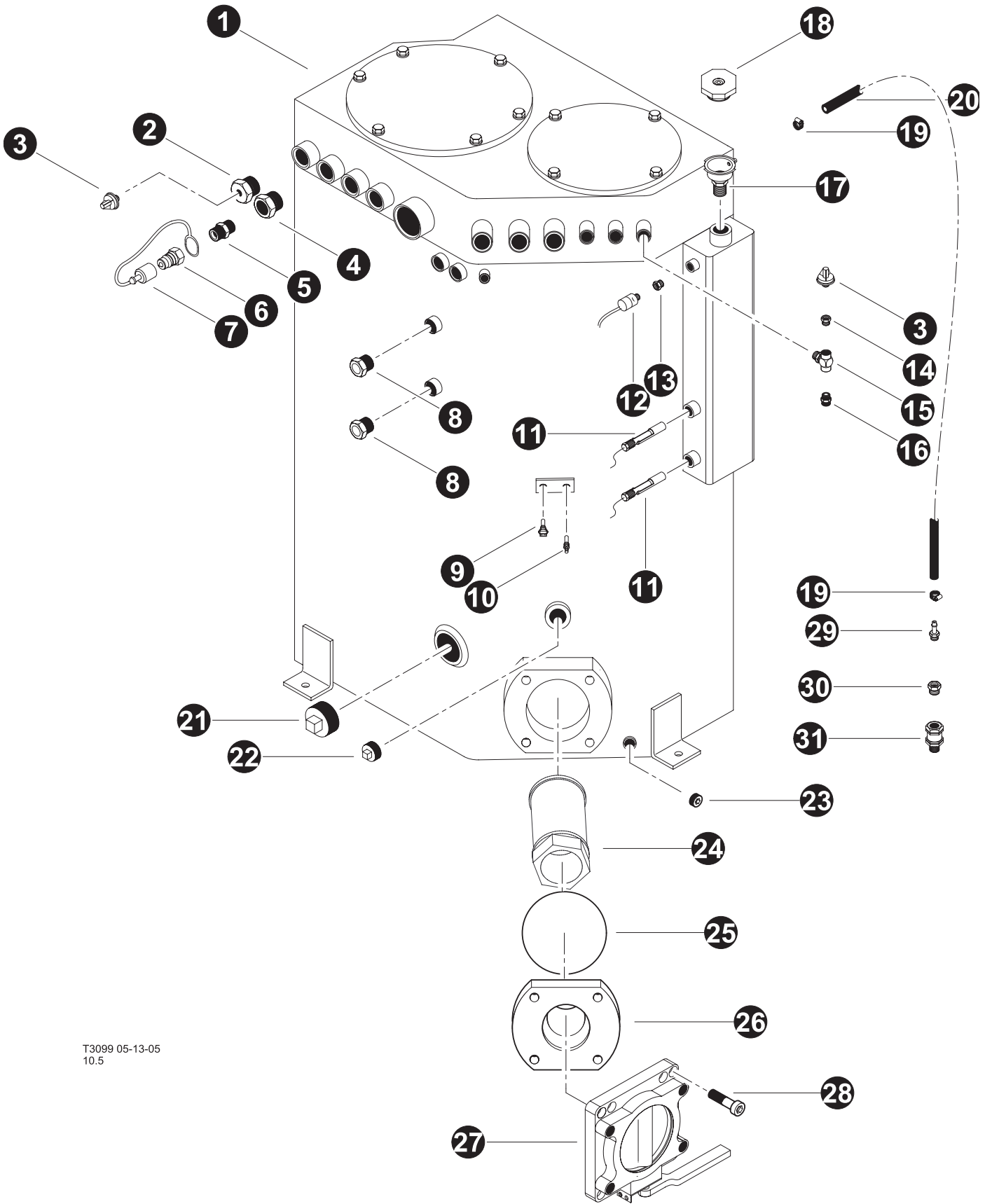
T3102 05-13-05
10.5

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 - TF830	
4		1	SPRING, RETURN FILTER	
5		1	BYPASS CHECK, RETURN FILTER	
6	51622-UP	1	ELEMENT, MAIN RETURN HYD TANK	
7	15542-UP	8	BOLT - .375" X .75"	
8	15528-UP	8	WASHER, SAE FLAT - .375"	
9		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 - TF830	
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






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.







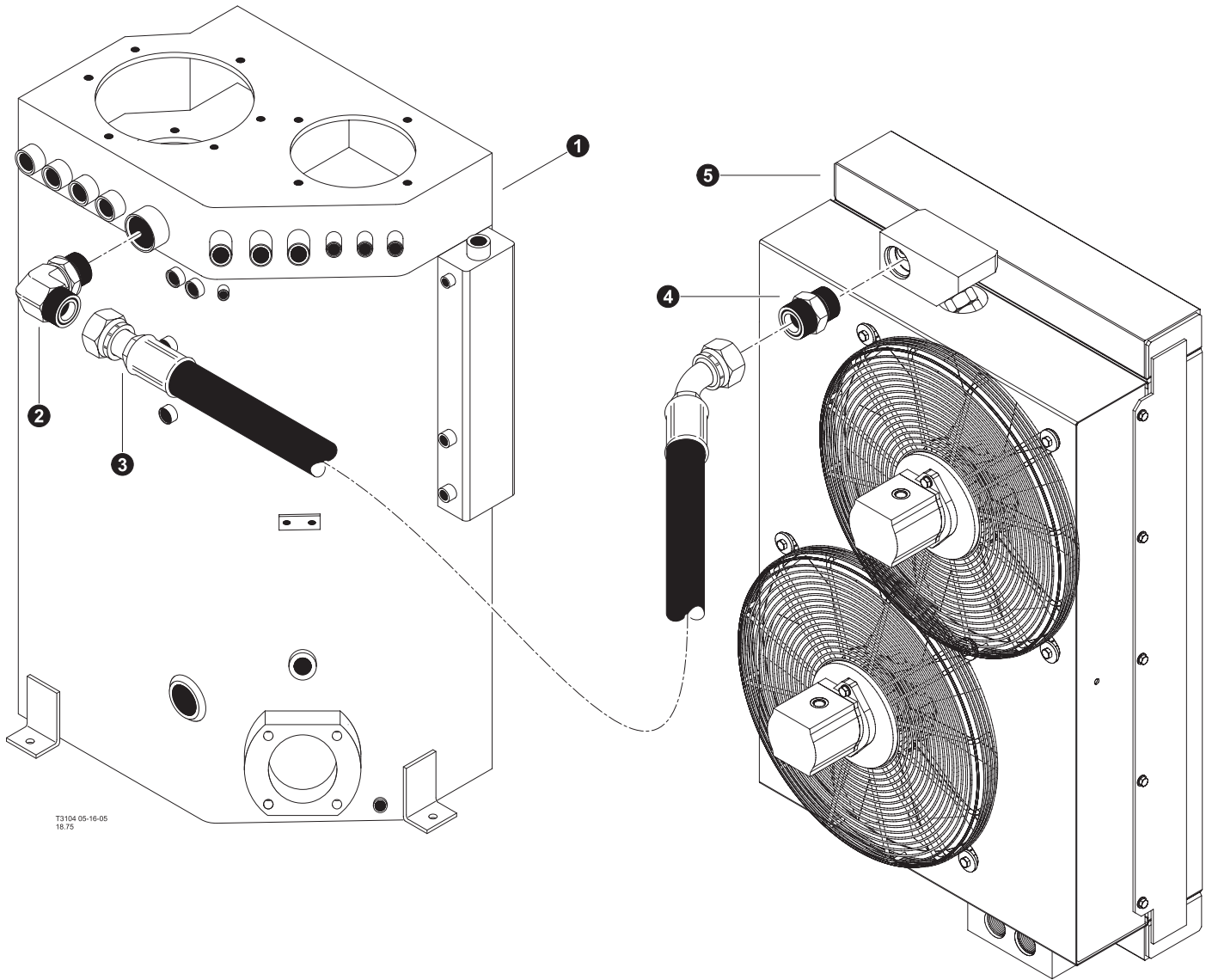
T3099 05-13-05
10.5

HYDRAULIC TANK

Hydraulic Tank Components installation



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.	UP-2
2	11385-UP	1		PLUG - 6408-12 (DRILLED AND TAPPED TO 1/8" NPT)	
3	51764-UP	2		SWITCH, PRESSURE - SCHROEDER (830/630)	
4	16805-UP	1		BUSHING, REDUCER - 6405-12-8	
5	11302-UP	1		CONNECTOR, STR - 5404-8	
6	17307M-UP	1		QUICK DISCONNECT - .5" (MALE)	
7	17323F-UP	1		COVER, DUST - QUICK DISCONNECT (FEMALE)	
8	24308-UP	2		SIGHT GLASS	
9	24531-UP	1		TRANSDUCER, HYD TEMP (IQAN SYSTEM)	
10	50195-UP	1		SENDER, TEMPERATURE - (HYDRAULIC OIL TEMP)	
11	51379-UP	2		SWITCH, HYD. OIL LEVEL .50 NPT GEMS	
12	51737-UP	1		SWITCH, PRESSURE - VACUUM PUMP SHUTOFF (OPTIONAL)	
13	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
14	52013-UP	1		BUSHING, REDUCER - 8 - 1/4 F50G	
15	22229-UP	1		TEE - 8-G5G5JAO-S	
16	15117-UP	1		CONNECTOR, STR - FF1852T-0808S	
17	17156-UP	1		STEM, HYDRAULIC TANK RELIEF CAP	
18	18135-UP	1		CAP, HYD. RESERVOIR RELIEF - 13 PSI	
19	16202-UP	1		CLAMP, HOSE - WORM STYLE - .625"	
20	16238-UP	5 ft		HOSE, FUEL LINE (BULK ROLL) - .3125"	
21	42392-UP	1		PLUG, BLACK PIPE - 2.0" HYD. TANK 830/630	
22	15603-UP	1		PLUG, BLACK PIPE - 1.25" HYD TANK 830/630	
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	51619-UP	1		VALVE, SHUT OFF - BUTTERFLY (4")	
28	18918-UP	4		BOLT, ALLEN HEAD - .5" X 2.5"	
29	16990-UP	1		CONNECTOR, STR HOSE BARB - 4244-5-4	
30	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
31	15652-UP	1		VALVE, CHECK - HYDRAULIC/FUEL TANK	



-  Only used when Vacuum Pump System Installed
-  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.



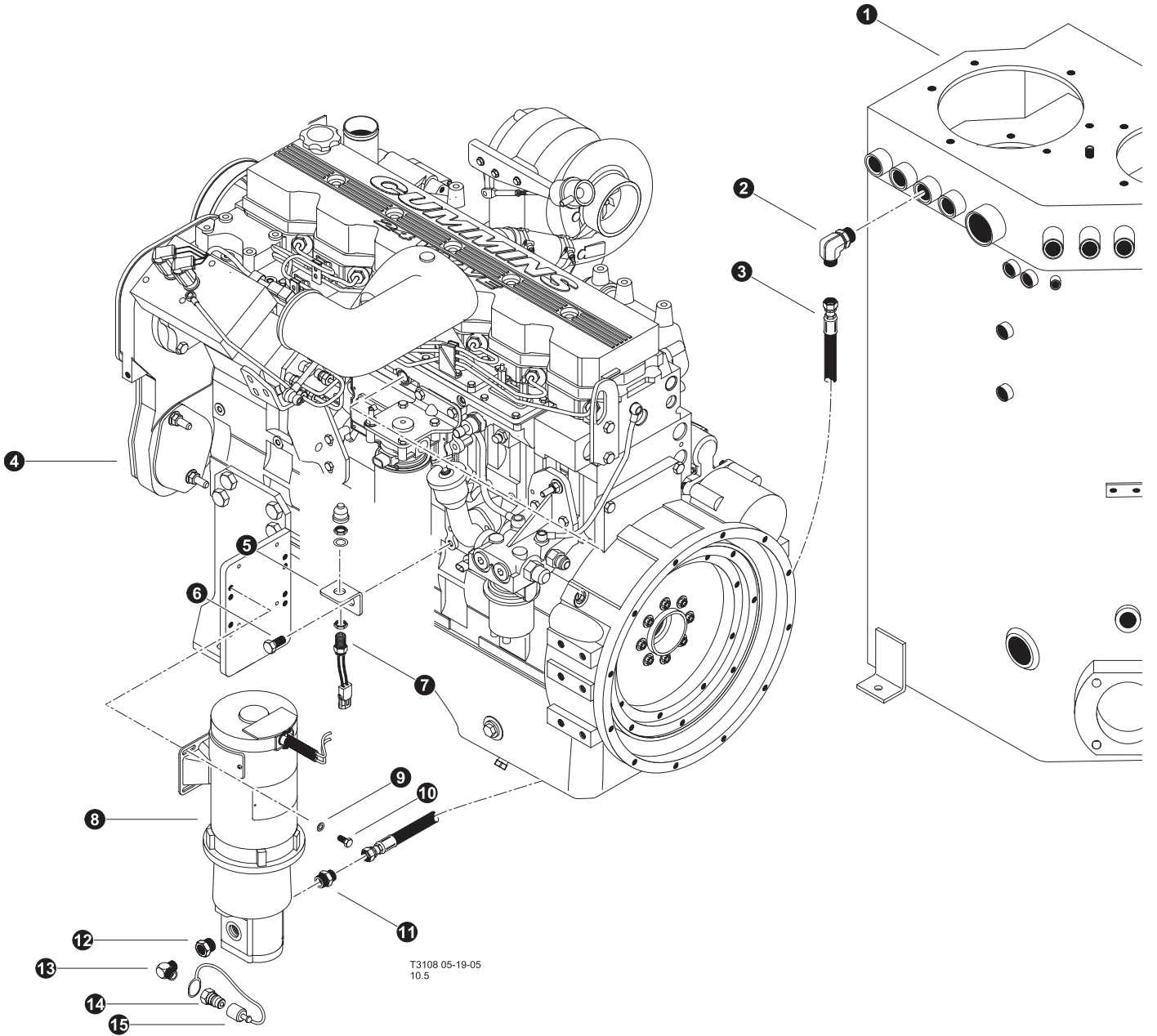
HYDRAULIC TANK

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.



HYDRAULIC TANK (Standard Hydraulic Tank Fill Pump System)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.....	UP-2
2	15372-UP	1		ELBOW, 90 - FF1868T-0812S	
3		1		HOSE ASSEMBLY - 2084-08OS-08OS	
4	REF	1		HYDRAULIC TANK ASSEMBLY.....	EE,JD
5	16499-UP	1		BRACKET, FILL PUMP SWITCH	
6	15556-UP	1		BOLT - 12MM-1.75P X 20MM	
7	16505-UP	1		SWITCH, LIMIT - DOOR / FILL PUMP	
8	REF	1		FILL PUMP ASSEMBLY.....	UP-2
9	15528-UP	4		WASHER, SAE FLAT - .375"	
10	15542-UP	4		BOLT - .375" X .75"	
11	15115-UP	1		CONNECTOR, STR - 848-TTO-08X10	
12	16805-UP	1		BUSHING, REDUCER - 6405-12-8	
13	17487-UP	1		ELBOW, 90 - 5500-8	
14	17307M-UP	1		QUICK DISCONNECT - .5" (MALE)	
15	17323F-UP	1		COVER, DUST - QUICK DISCONNECT (FEMALE)	



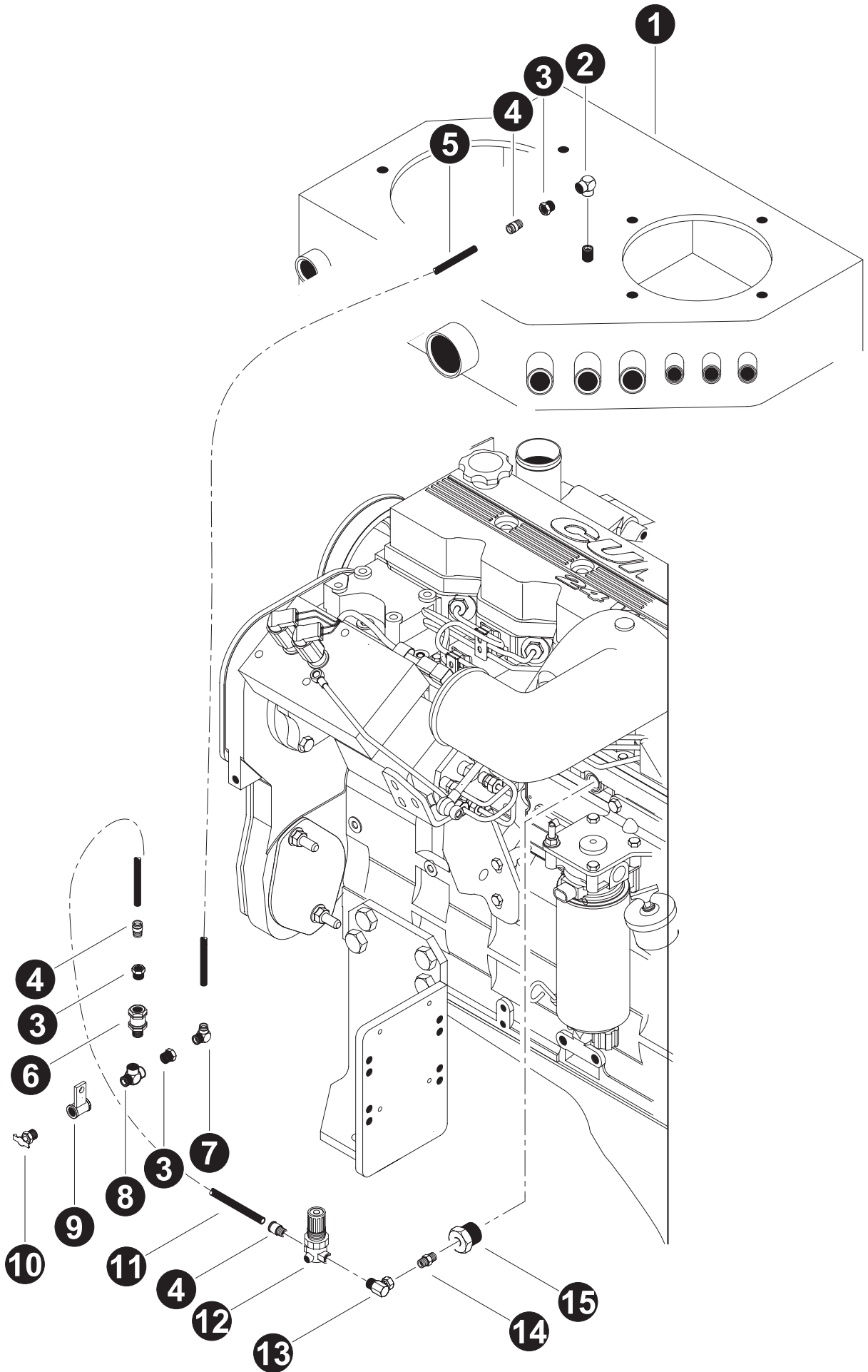
See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.






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



T3107 05-18-05
9.37

HYDRAULIC TANK (Standard Hydraulic Tank Vent System)

No Vacuum Pump

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.....	UP-2
2	24287-UP	1		ELBOW, 90 STREET .375" NPT - BRASS	
3	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
4	51735-UP	1		CONNECTOR, STR - PUSH HOSE 3/8 (VACUUM)	
5	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
6	15652-UP	1		VALVE, CHECK - HYDRAULIC/FUEL TANK	
7	51739-UP	1		CONNECTOR, ELBOW -PUSH ON (VACUUM)	
8	51576-UP	1		TEE - 012T-6-6 RUN	
9	50723-UP	1		BRACKET, VENT MOUNT	
10	15650-UP	1		VALVE, TANK VENT - DC602-6	
11	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
12	15649-UP	1		REGULATOR, TURBO BOOST	
13	10320-UP	1		ELBOW, 90 SWIVEL - 1501-4-4	
14	15567-UP	1		CONNECTOR, STR - 5404-4	
15	24290-UP	1		BUSHING, REDUCER - 5406-12-4	



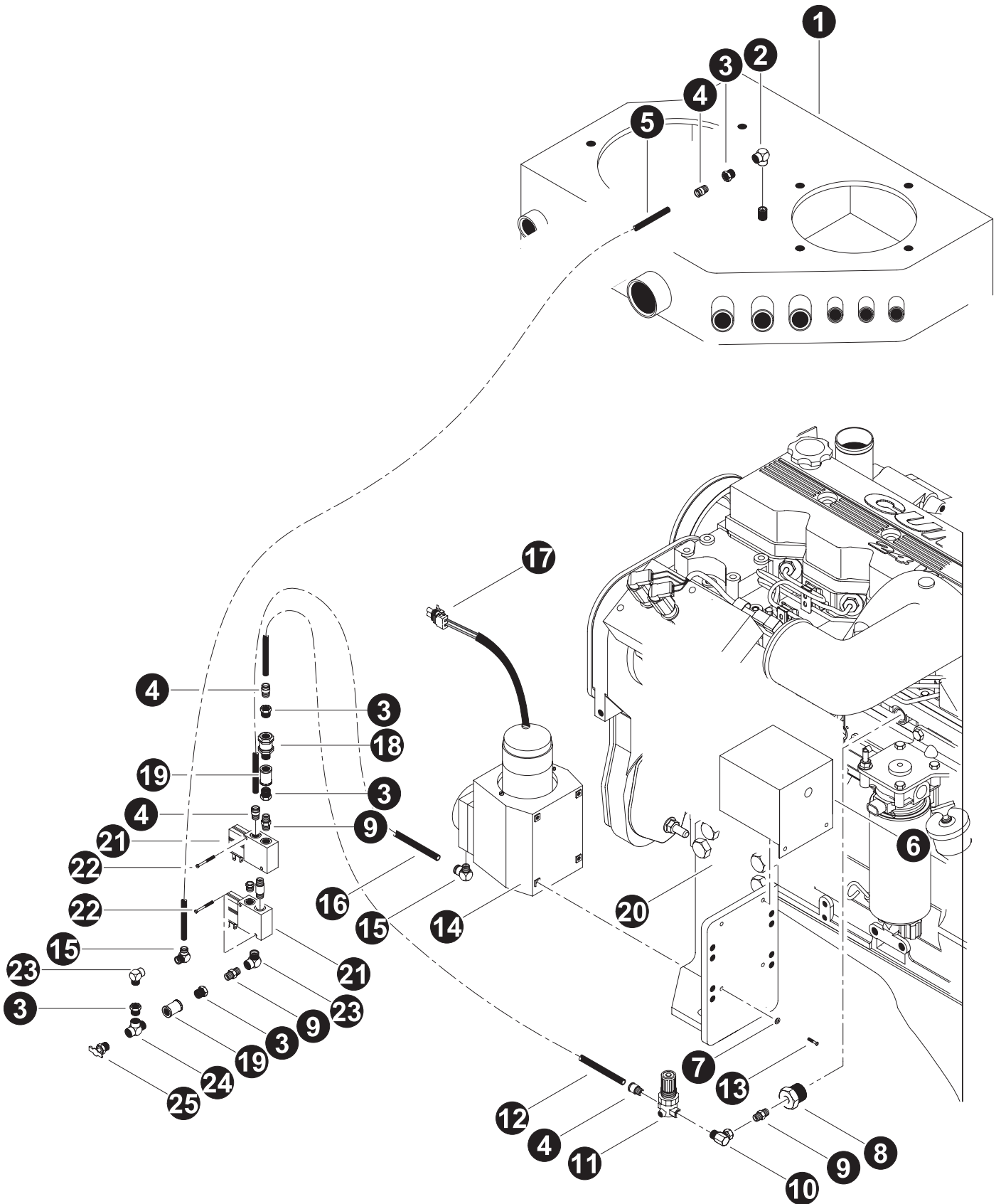
See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.











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

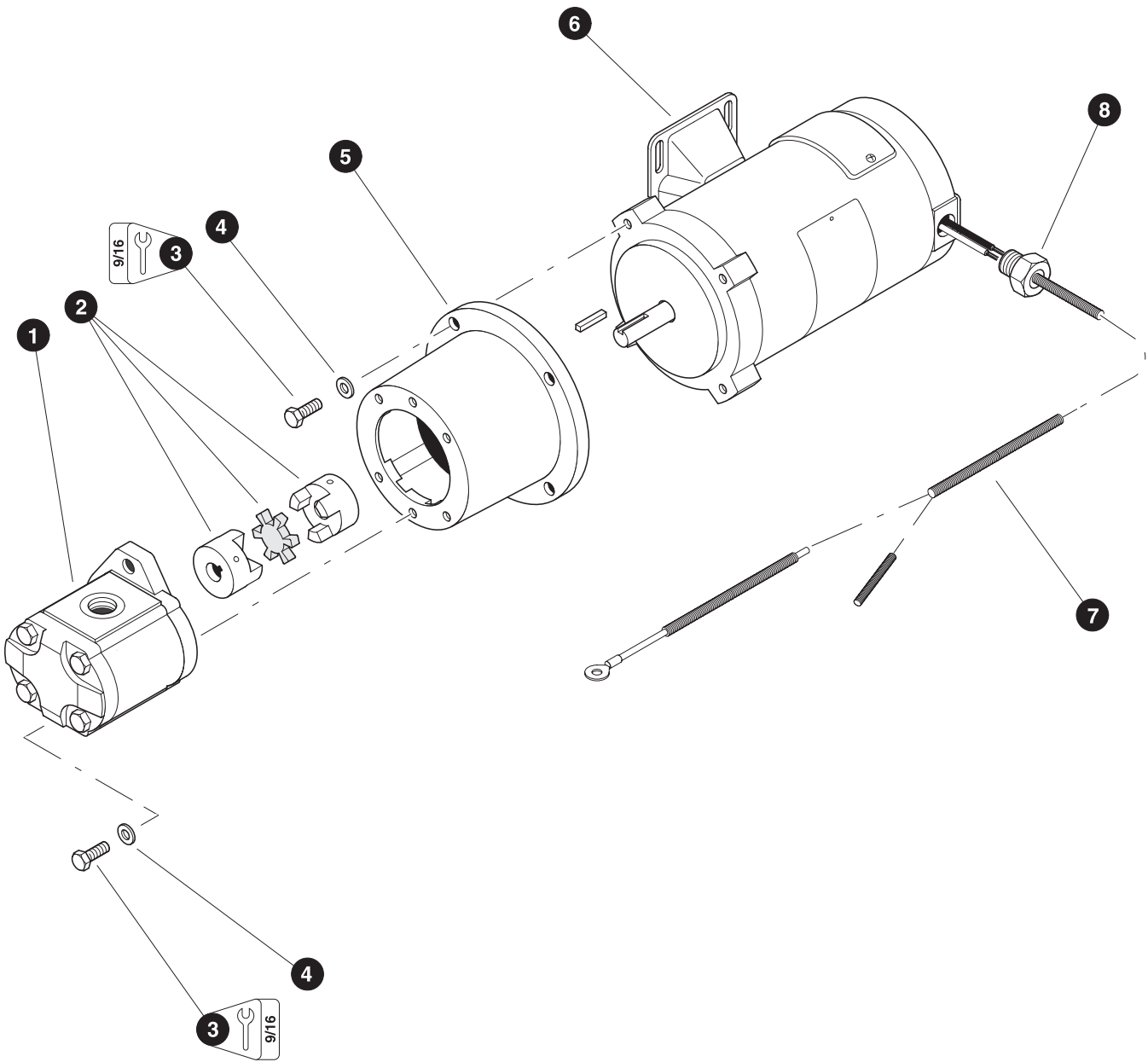


T3106 05-18-05
18.75

HYDRAULIC TANK (Optional Hydraulic Tank Vent / Vacuum System)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		HYDRAULIC TANK ASSEMBLY.	UP-2
2	24287-UP	1		ELBOW, 90 STREET .375" NPT - BRASS	
3	11318-UP	1		BUSHING, REDUCER - 5406-6-4	
4	51735-UP	1		CONNECTOR, STR - PUSH HOSE 3/8 (VACUUM)	
5	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
6	51922-UP	1		COVER, VACUUM PUMP	
7	16208-UP	6		WASHER, FLAT - #10	
8	24290-UP	1		BUSHING, REDUCER - 5406-12-4	
9	15567-UP	1		CONNECTOR, STR - 5404-4	
10	10320-UP	1		ELBOW, 90 SWIVEL - 1501-4-4	
11	15649-UP	1		REGULATOR, TURBO BOOST	
12	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
13	16127-UP	4		SCREW, MACHINE - #10-24 X 1.25"	
14	51615-UP	1		PUMP, VACUUM - HYD TANK	
15	51739-UP	1		CONNECTOR, ELBOW -PUSH ON (VACUUM)	
16	51738-UP	ft		HOSE, 3/8" PUSH ON - VACUUM PUMP	
17		1		KIT, 2 position waytek connector (Male)	
18	15652-UP	1		VALVE, CHECK - HYDRAULIC/FUEL TANK	
19	16319-UP	1		COUPLING, PIPE - .375"	
20	REF	1		ENGINE MOUNT	EE/JD
21	51616-UP	1		VALVE, VACUUM PUMP - HYD TANK	
22	20622-UP	2		SCREW, MACHINE - #10-24 X 2"	
23	16251-UP	1		ELBOW, 90 STREET - 5502-4	
24	51576-UP	1		TEE - 012T-6-6 RUN	
25	15650-UP	1		VALVE, TANK VENT - DC602-6	

-  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.



Parts T3109 05/19/05

HYDRAULIC TANK

(Optional Hydraulic Tank Vent / Vacuum System)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	23270-UP	1	<input type="checkbox"/>	ASSEMBLY, HYDRAULIC OIL FILL PUMP - 24 VOLT	
1	16800-UP	1		PUMP, electric hydraulic oil fill	
2	16799-UP	1		COUPLING, motor	
3	11707-UP	6		BOLT - 3/8" x 1"	
4	15528-UP	6		WASHER, SAE flat - 3/8"	
5	16801-UP	1		BRACKET, motor/pump mounting	
6	51503-UP	1		MOTOR, electric hydraulic oil fill - 24v	
7	51748-UP	1	<input type="checkbox"/>	CABLE, FILL PUMP & DOOR PUMP (w/strain relief)	
8	-UP	1		STRAIN RELIEF - fill pump motor	



See reference page for component or assembly breakdown.



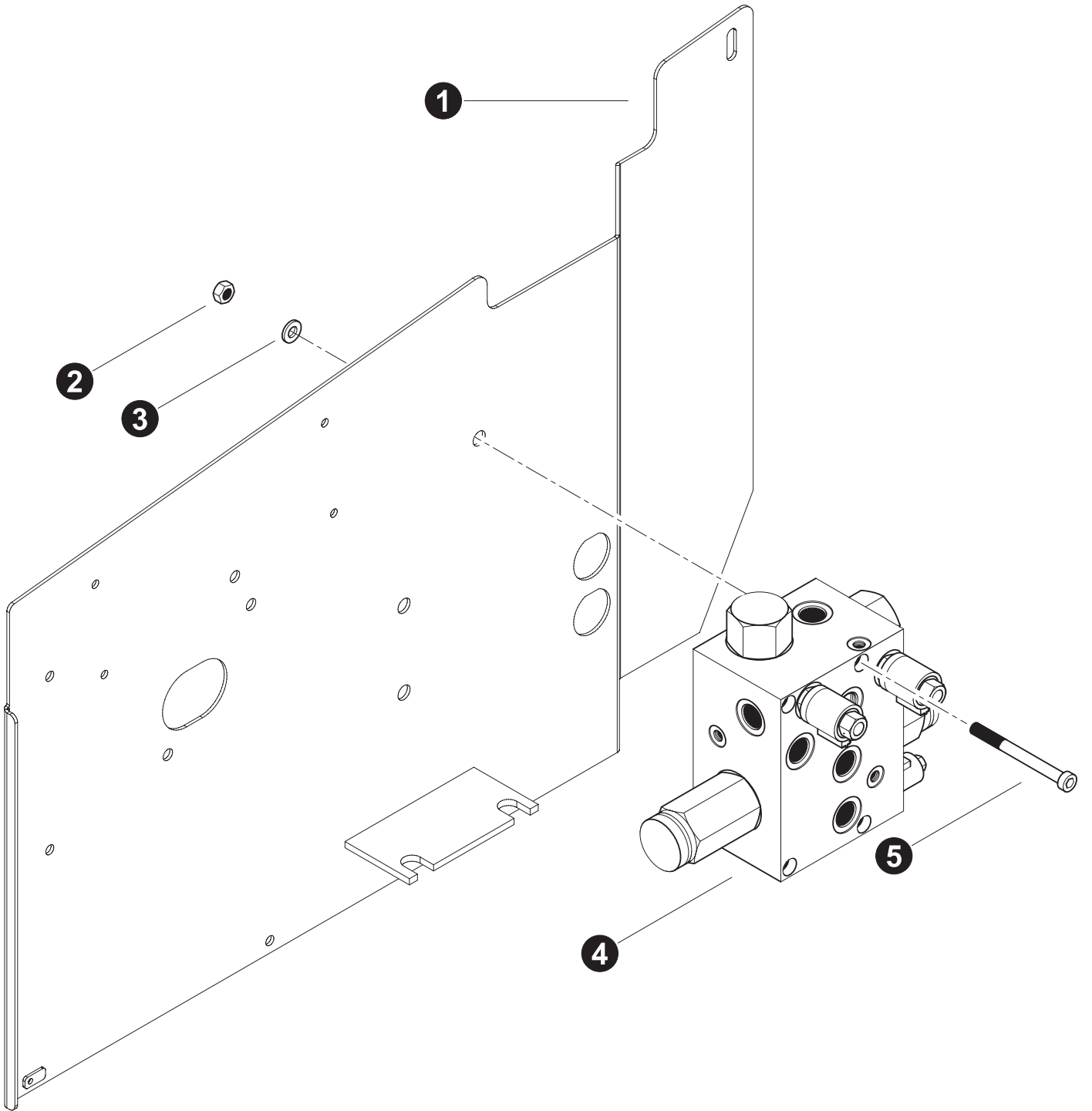
Kit or Assembly - includes all items indented underneath.



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

Section UP-3

Upper Turntable - Radiator and Oil Cooler Fan Drive System



Parts T3112 05/19/05
25.00

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

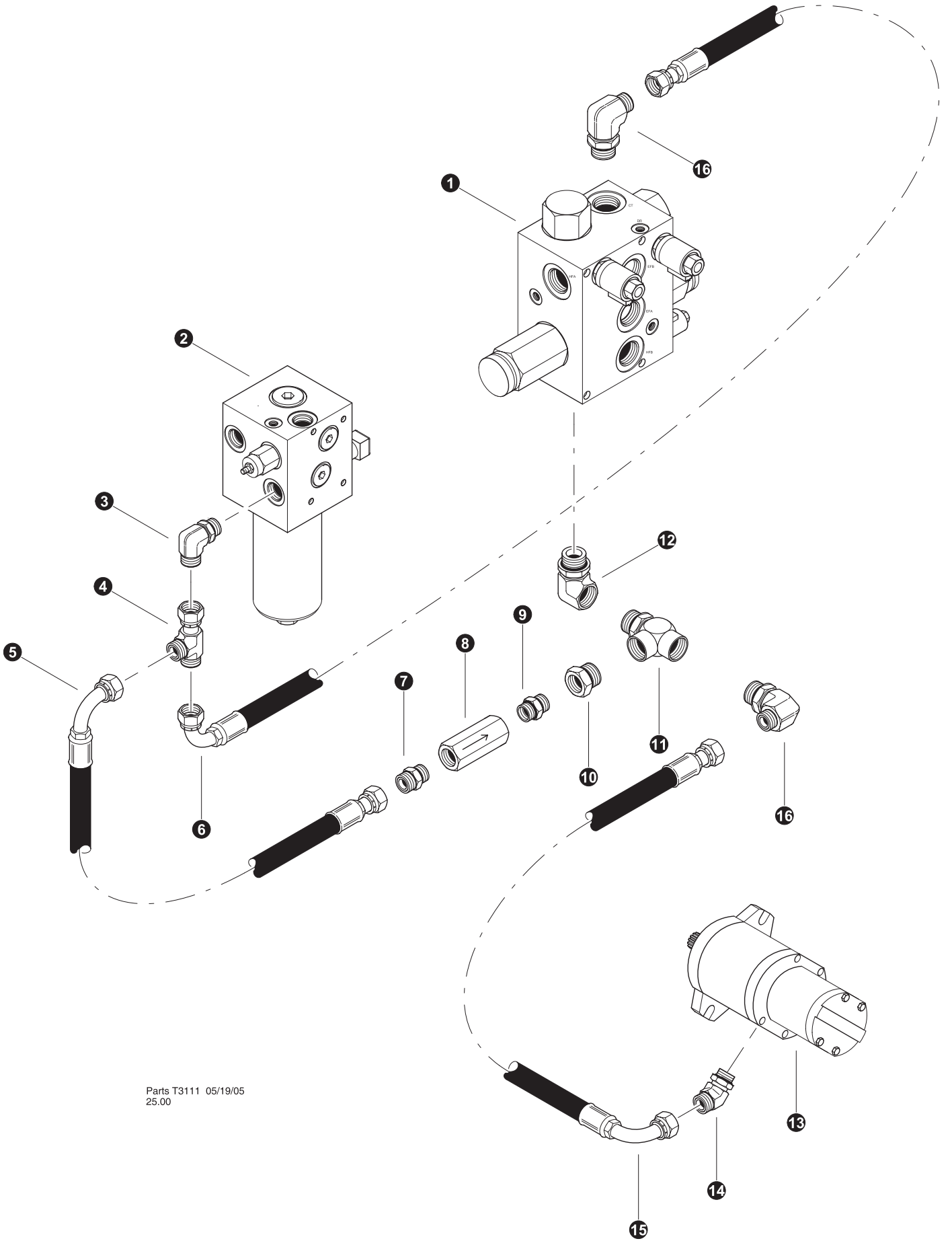
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	BARRIER, UPPER	UP-1
2	10813-UP	2	NUT, LOCK - .375"	
3	15528-UP	2	WASHER, SAE FLAT - .375"	
4	REF	1	VALVE, FAN CONTROL	UP-3
5	51852-UP	2	BOLT, ALLEN HEAD - .375 X 5.5" FAN MOUNT	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3111 05/19/05
25.00

RADIATOR AND COOLER FAN CIRCUIT**Fan Drive Pressure and Tank Connections**

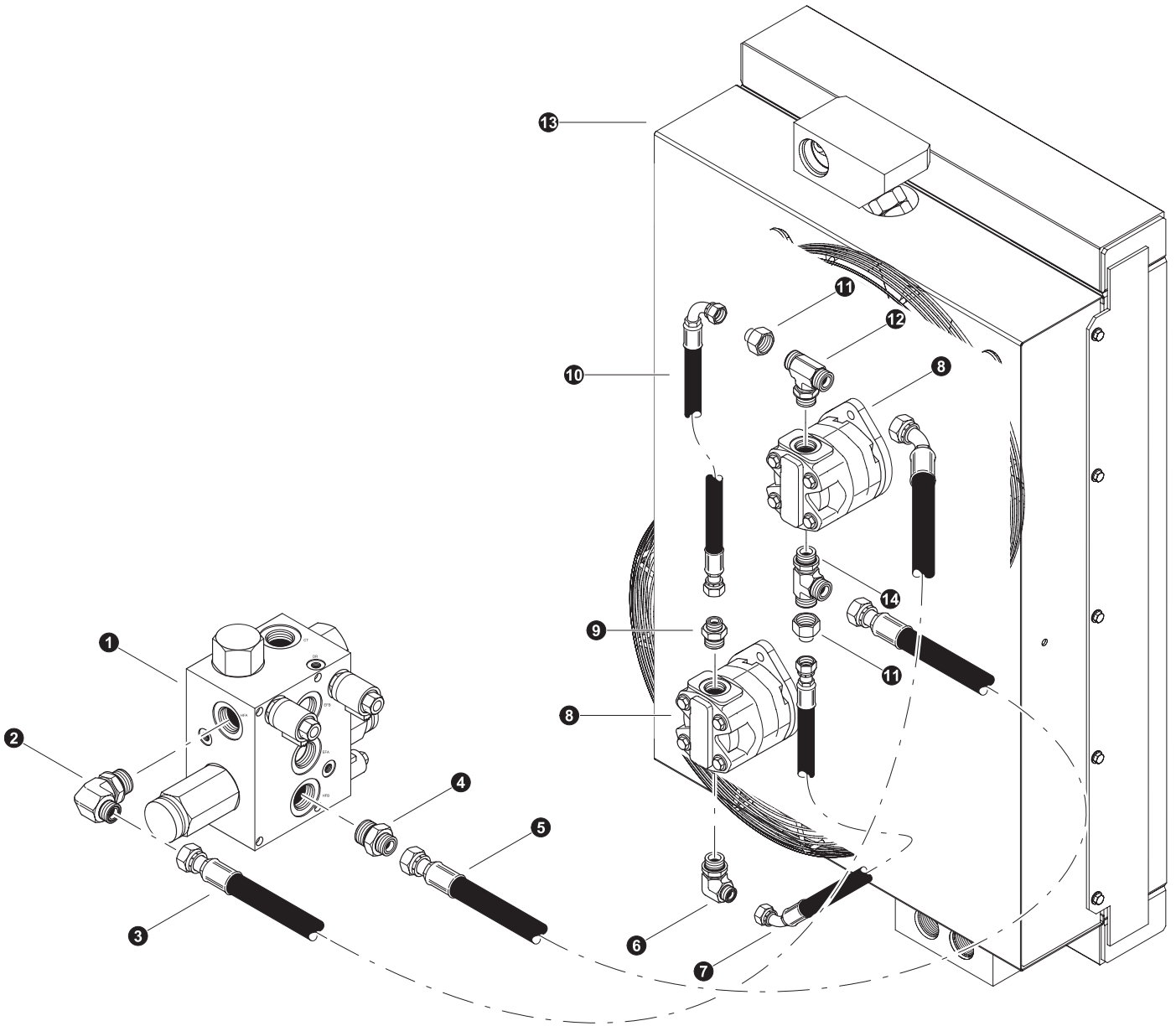
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL MANIFOLD.....	UP-3
2	REF	1	CHARGE PRESSURE MANIFOLD	WD
3	17688-UP	1	ELBOW, 90 - FF1868T-1212S	
4	17687-UP	1	TEE - FF2114T-1212S	
5	-UP	1	HOSE ASSEMBLY 2026.5 12OS 1209 (CP port check valve on fan control valve to charge manifold "P" port tee)	
6	-UP	1	HOSE ASSEMBLY 2046 12OS 1209 (CT port on fan control valve to charge manifold "P" port tee)	
7	16913-UP	1	CONNECTOR, STR - FF1852T-1208S	
8	51928-UP	1	VALVE, CHECK - 7 PSI (#8 SAE)	
9	51932-UP	1	CONNECTOR, STR - 6403-08	
10	16719-UP	1	BUSHING, REDUCER - 6410-16-8	
11	21856-UP	1	TEE - 16 AOG5JG5-S RUN	
12	51832-UP	1	ELBOW, 90 - 1" ORS X 1" SAE FEMALE	
13	REF	1	WHEEL DRIVE CHARGE PUMP.....	WD
14	19127-UP	1	ELBOW, 45 - FF2068T-1212S	
15	-UP	1	HOSE ASSEMBLY 2041 12OS 1209 (CP port check valve on fan control valve to charge pump "P" port)	
16	19128-UP	1	ELBOW, 90 - FF1868T-1216S	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3113 05/19/05
25.00

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

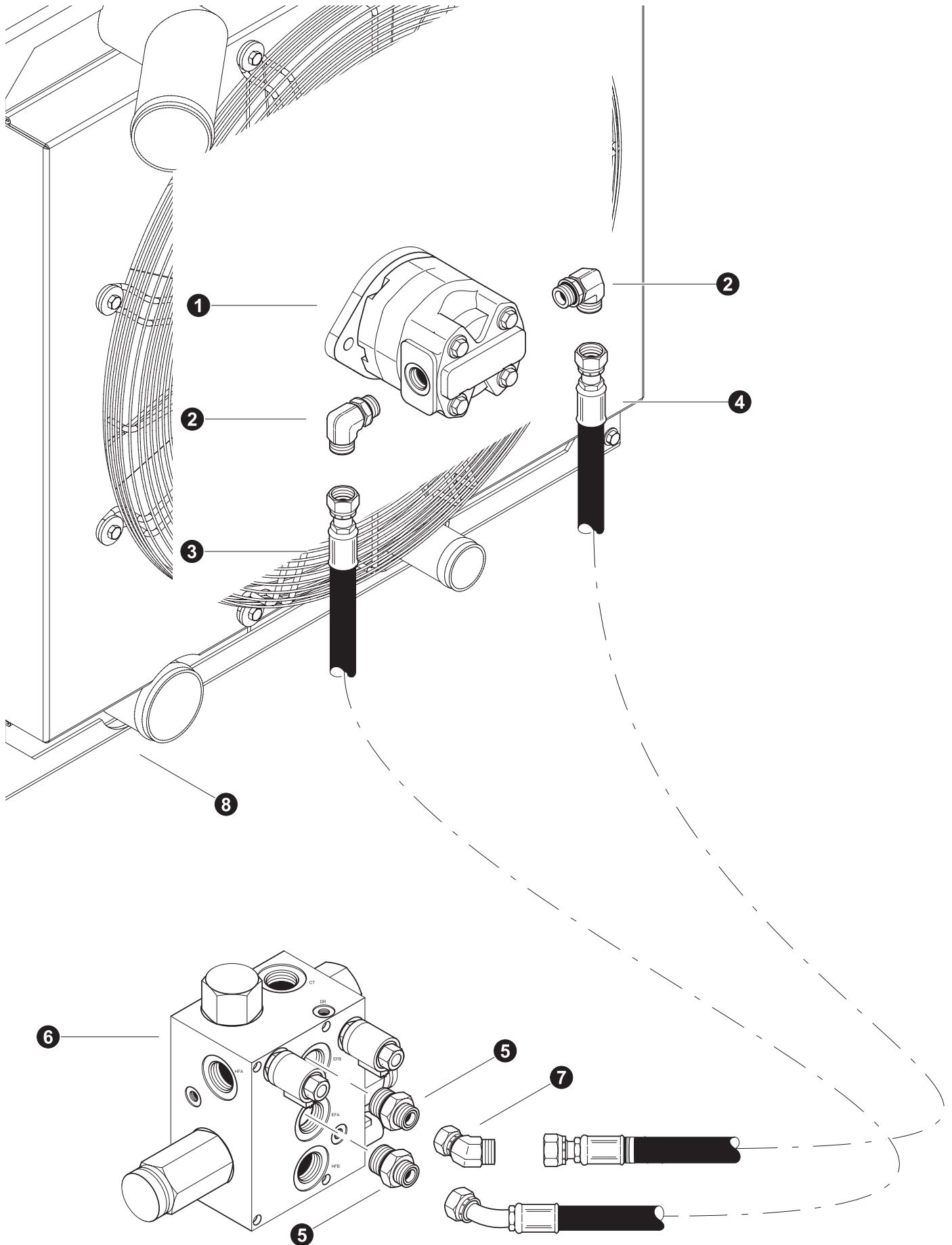
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL MANIFOLD.....	UP-3
2	19128-UP	1	ELBOW, 90 - FF1868T-1216S	
3	-UP	1	HOSE ASSEMBLY 20 12 12OS 1204 (HFA port on Fan Manifold to Motor Tee)	
4	15495-UP	1	CONNECTOR, STR - 6400-12-16	
5	-UP	1	HOSE ASSEMBLY 2026.5 12 12OS 120S (HFB port on fan Manifold to Motor Tee)	
6	15372-UP	1	ELBOW, 90 - FF1868T-0812S	
7	-UP	1	HOSE ASSEMBLY 2019.5 08 08OS 0804 (Motor to Motor Jumper)	
8	REF	2	FAN DRIVE MOTOR	UP-3
9	15238-UP	1	CONNECTOR, STR - FF1852T-0812S	
10	-UP	1	HOSE ASSEMBLY 2021 08 08OS 0809 (Motor to Motor Jumper)	
11	18531-UP	2	CONNECTOR, REDUCER - ORS FF2281T-0812S	
12	20027-UP	1	TEE - FF1861T-1212	
13	REF	1	OIL COOLER ASSEMBLY	UP-3
14	51969-UP	1	TEE, RUN - 12 R50LO-S	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



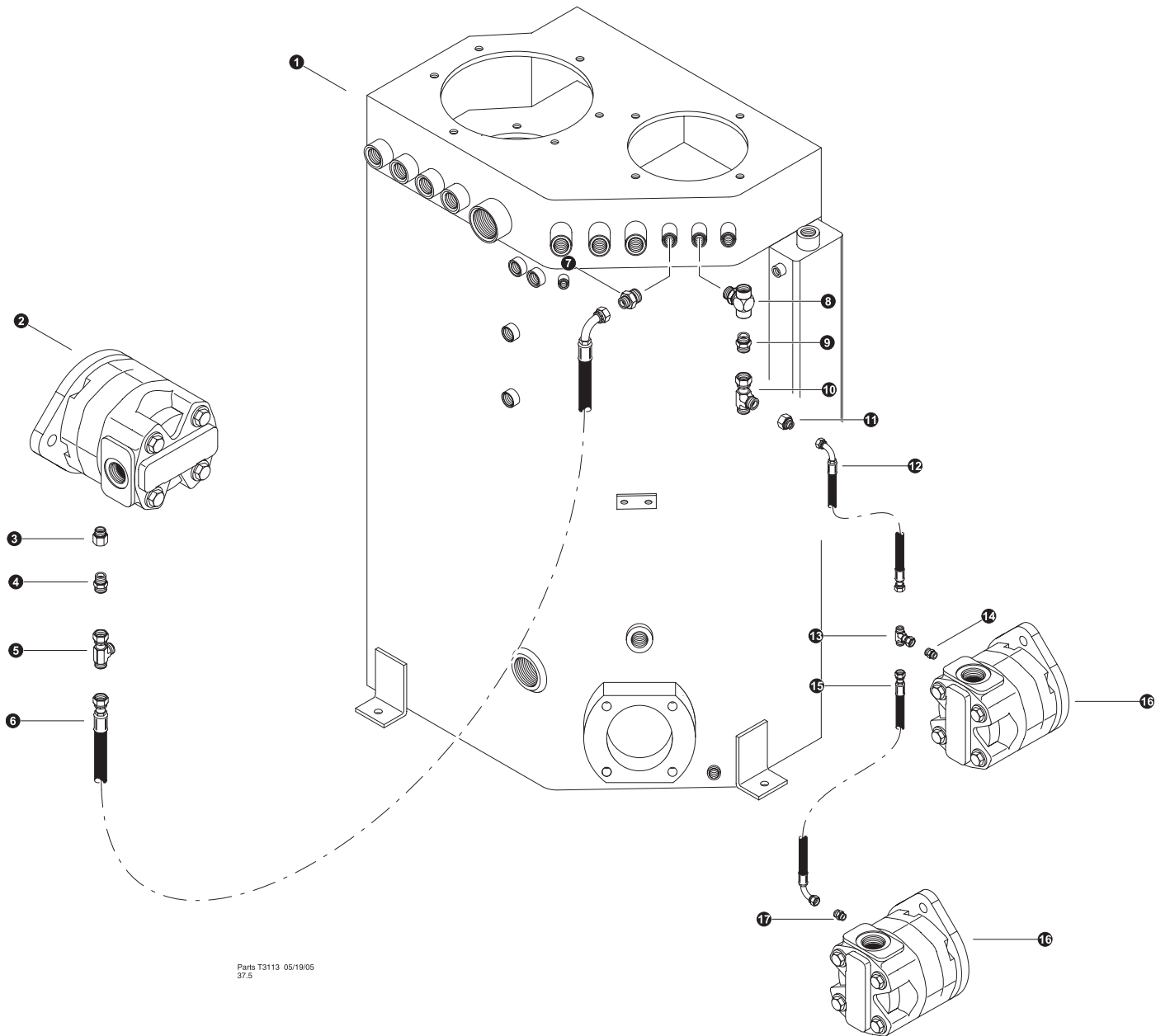
Parts T3114 05/19/05
25.00

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	17688-UP	2	ELBOW, 90 - FF1868T-1212S	
3	-UP	1	HOSE ASSEMBLY 2104 12 12OS 1204 W (EFA port to radiator fan motor)	
4	-UP	1	HOSE ASSEMBLY 2107 12 12OS 120S W (EFB port to radiator fan motor)	
5	15495-UP	2	CONNECTOR, STR - 6400-12-16	
6	REF	1	FAN CONTROL MANIFOLD.....	UP-3
7	19592-UP	1	ELBOW, 45 SWIVEL - FF2133T-1212S	
8	REF	1	RADIATOR	UP-3



See referenced page for component or assembly breakdown.



RADIATOR AND COOLER FAN CIRCUIT**Fan Motor Case Drains**

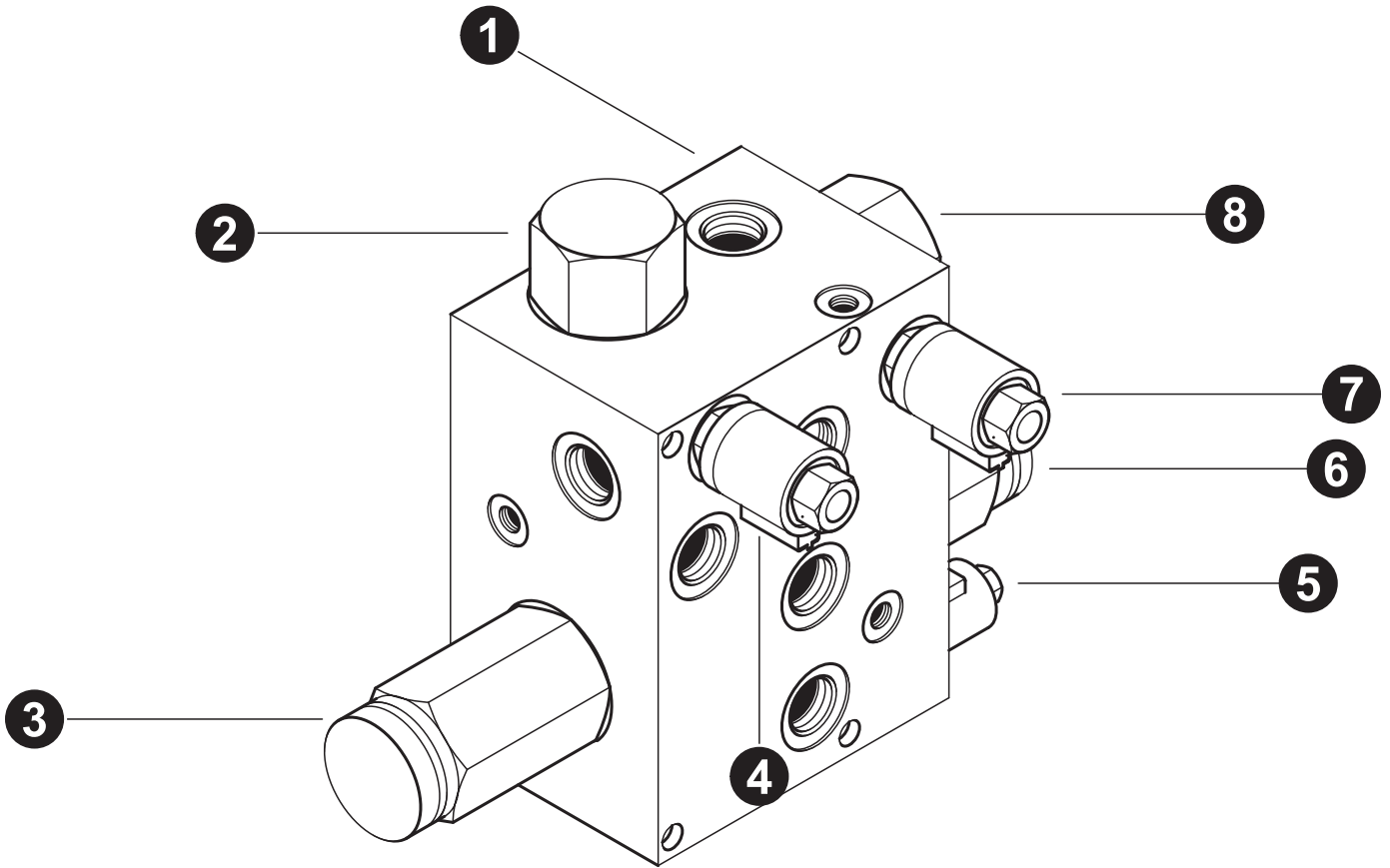
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK BREAKDOWN	UP-2
2	REF	2	FAN DRIVE MOTOR	UP-3
3	51413-UP	1	BUSHING, REDUCER - 4 - 1/4 F50G	
4	16295-UP	1	CONNECTOR, STR - FF2031T-0604S	
5	22730-UP	1	TEE - 6 R6LO-S	
6	-UP	1	HOSE ASSEMBLY 2112 06 06OS 0609 (fan motor case drain to tank)	
7	22901-UP	1	CONNECTOR, STR - 6-8 F5OLO-S	
8	22229-UP	1	TEE - 8-G5G5JAO-S	
9	15117-UP	1	CONNECTOR, STR - FF1852T-0808S	
10	15433-UP	1	TEE - FF2114T-0808S	
11	19221-UP	1	CONNECTOR, REDUCER - ORS FF2281T-0408S	
12	-UP	1	HOSE ASSEMBLY 2009 040S 04OS 0409 (Cooler Fan Motor Case Drain to tank)	
13	23541-UP	1	TEE - 4 S6LO-S	
14	16541-UP	1	CONNECTOR, STR - FF1852T-0404S	
15	-UP	1	HOSE ASSEMBLY 2021 04 04OS 0409 (Cooler Fan Case Jumper)	
16	REF	2	FAN DRIVE MOTOR	UP-3
17	16541-UP	1	CONNECTOR, STR - FF1852T-0404S	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3110 05/19/05
25.00

RADIATOR AND COOLER FAN CIRCUIT

Fan Drive Manifold Breakdown (Used on Serial Number 0128 and Down) (Use Breakdown in Section WD-3 for SN 0129 and Up)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51627-UP	1	<input type="checkbox"/> VALVE, FAN CONTROL - HYD DRIVE (24 v)	
2			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE - EV20-S34	
-			KIT, SEAL (SK20-3X-MM)	
3			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE -PD42-M40	
-			KIT, SEAL (SK42-4X-MMM)	
4			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE -TS38-20	
-			KIT, SEAL (SKO8-2X-B)	
5			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE -SV08-30	
-			KIT, SEAL (SKO8-3X-MM)	
6			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE -PD42-M40	
-			KIT, SEAL (SK42-4X-MMM)	
7			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE -TS38-20	
-			KIT, SEAL (SKO8-2X-B)	
8			<input type="checkbox"/> CARTRIDGE, HYDRAFORCE -EV20-S34	
-			KIT, SEAL (SK20-3X-MM)	

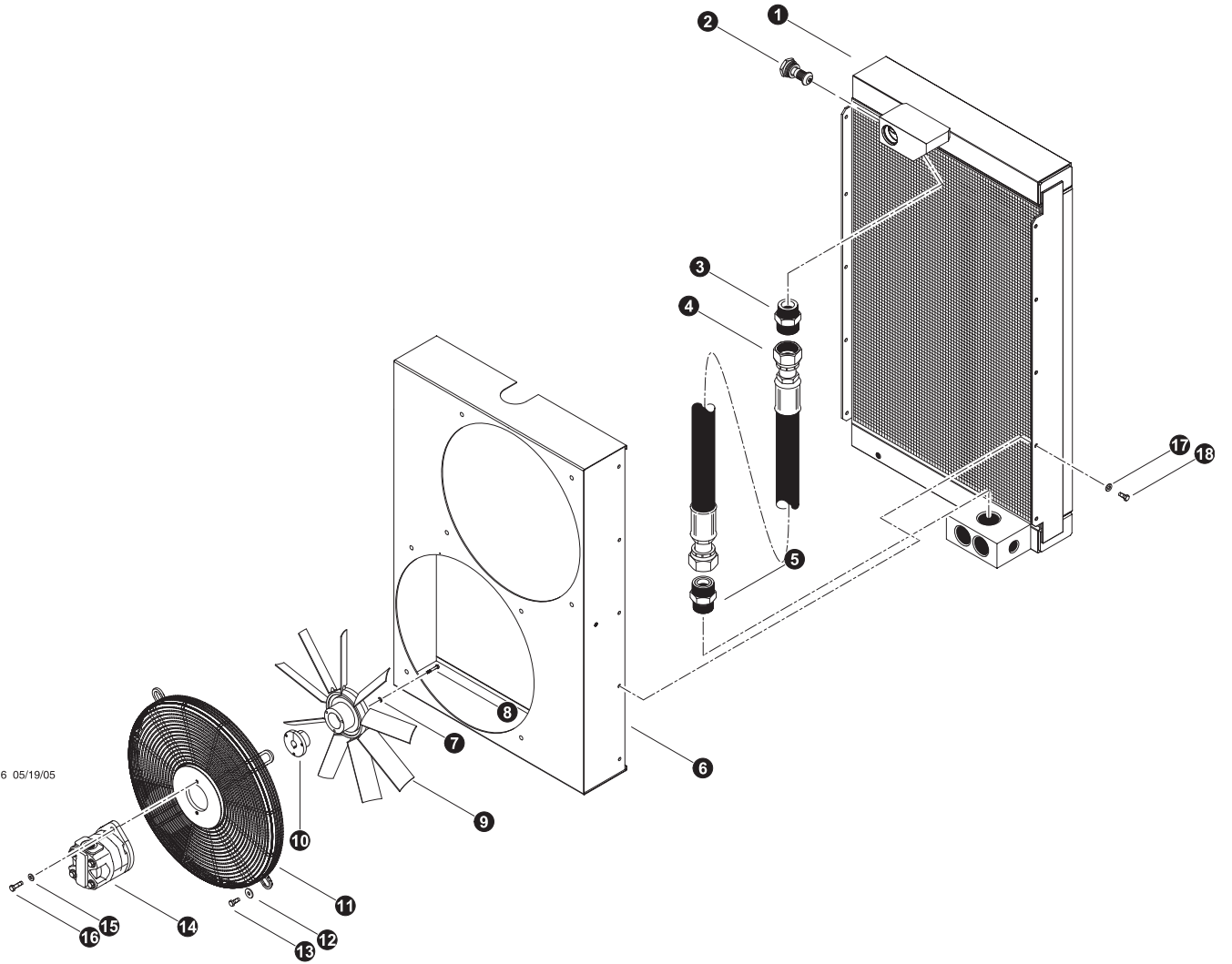


See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.

Parts T3116 05/19/05
12.50



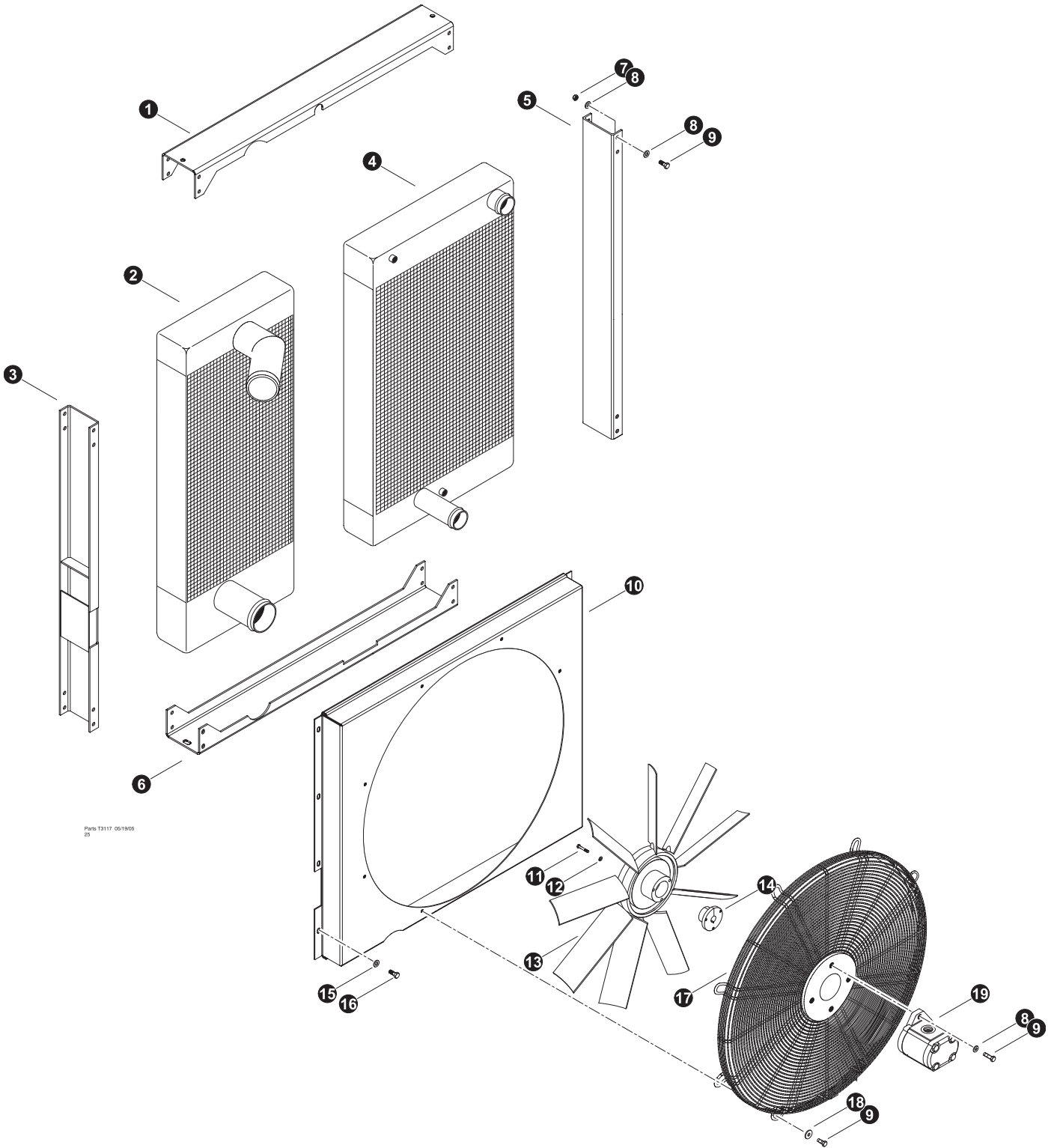
RADIATOR AND COOLER FAN CIRCUIT

Oil Cooler Breakdown

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51569-UP	1	<input type="checkbox"/> 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	<input type="checkbox"/> 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	52034-UP	1	HUB, FAN MOUNT (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	<input type="checkbox"/> MOTOR, HYDRAULIC OIL COOLER FAN.	UP-3
15	10701-UP	4	WASHER, LOCK - .375"	
16	11707-UP	4	BOLT - .375" X 1"	
17	15559-UP	10	WASHER, SAE FLAT - .3125"	
18	15605-UP	10	BOLT - .3125" X .75"	

See referenced page for component or assembly breakdown.

Kit or Assembly - includes all items indented underneath.

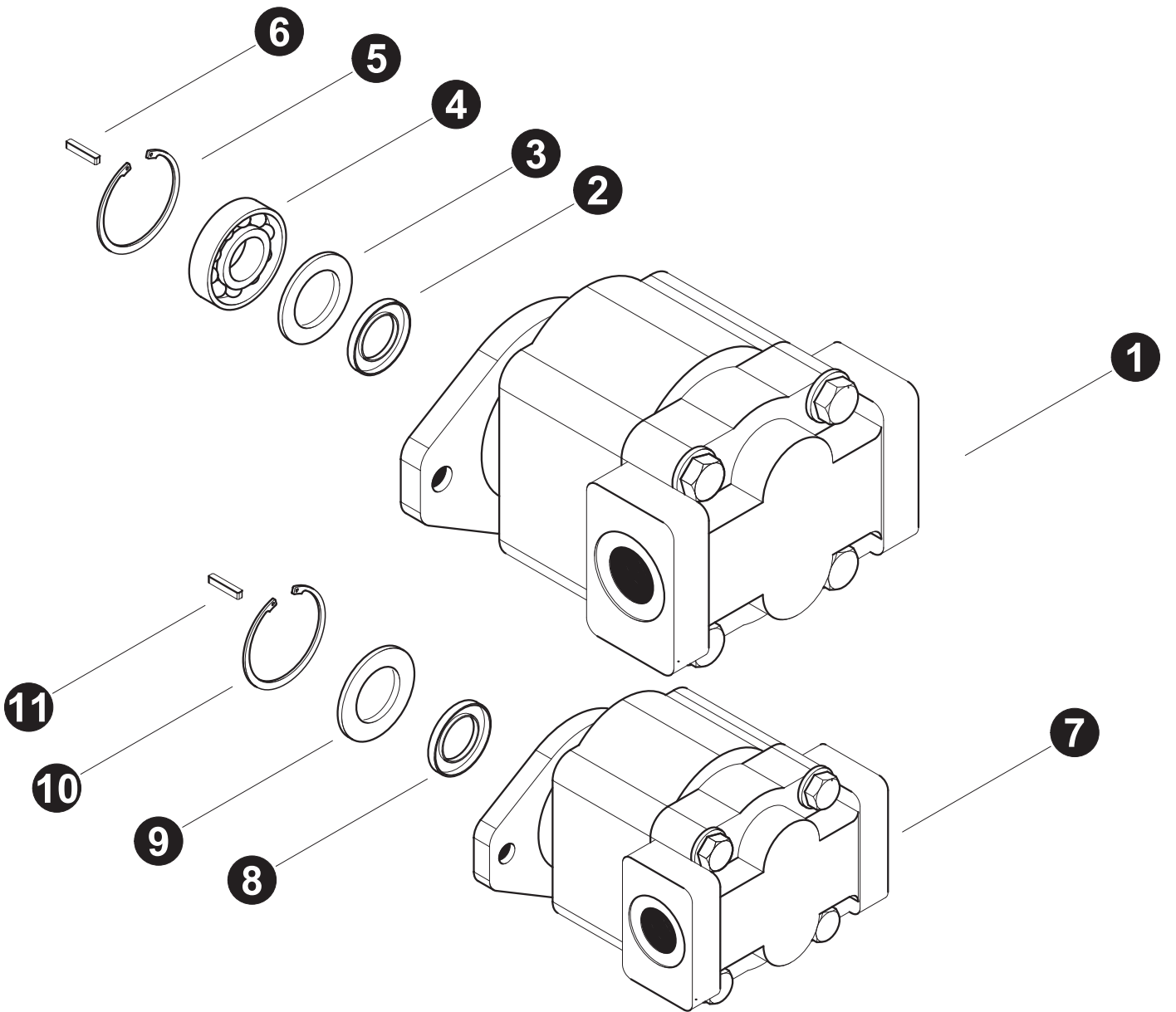


RADIATOR AND COOLER FAN CIRCUIT**Radiator Breakdown**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	51568-UP	1	☐	RADIATOR/ CHARGE AIR COOLER	
1		1		TOP CHANNEL ASSEMBLY	
2	52030-UP	1		AIR COOLER - CHARGE AIR COOLER (830)	
3		1		SIDE CHANNEL ASSEMBLY	
4	52029-UP	1		RADIATOR - CORE (830)	
5				SIDE CHANNEL ASSEMBLY	
6				BOTTOM CHANNEL ASSEMBLY	
7	15507-UP	16		NUT, NYLOCK - .375"	
8	15528-UP	32		WASHER, SAE FLAT - .375"	
9	11707-UP	16		BOLT - .375" X 1"	
10	52028-UP	1	☐	SHROUD, RADIATOR/AIR TO AIR	
11	10818-UP	3		BOLT - .25" X 3"	
12	10756-UP	3		WASHER, LOCK - .25"	
13	52031-UP	1		FAN, RADIATOR 29" (830)	
14	52034-UP	1		HUB, FAN MOUNT (830)	
15	15559-UP	9		WASHER, SAE FLAT - .3125"	
16	15605-UP	9		BOLT - .3125" X .75"	
17	52032-UP	1		GUARD, FAN (830 RADIATOR)	
18		8		WASHER, .375" (FENDER WASHER)	
19	REF	2	☐	MOTOR, HYDRAULIC OIL COOLER FAN.	UP-3

☐ See referenced page for component or assembly breakdown.

☐ Kit or Assembly - includes all items indented underneath.



Parts T3118 05/19/05
25

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

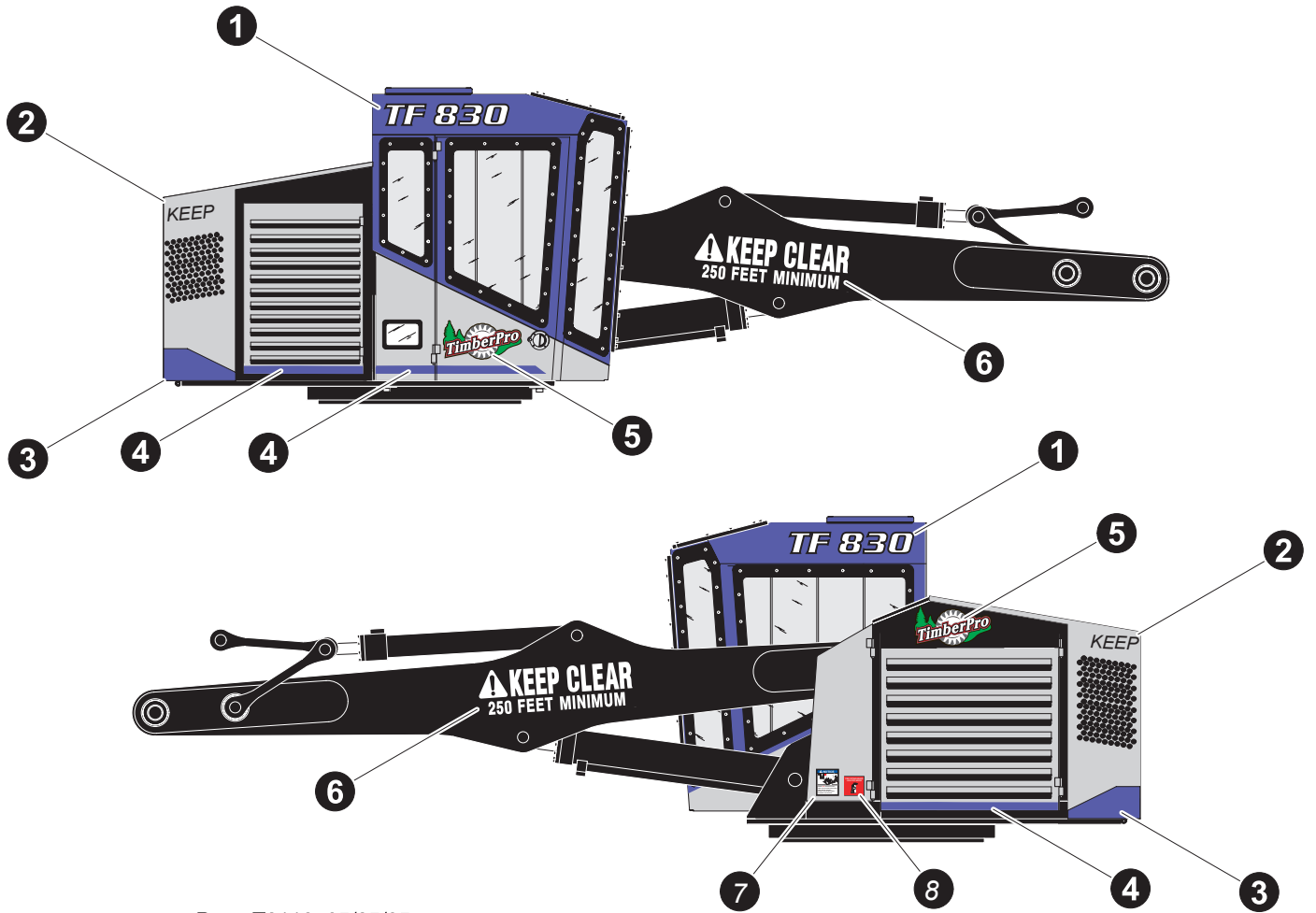
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	51921-UP	1	<input type="checkbox"/>	MOTOR, FAN DRIVE - RADIATOR	
2		1		SEAL, LIP - (391 2883 126 PARKER)	
3		1		RETAINER, SEAL - (391 3381 040 PARKER)	
4		1		BEARING - (391 0381 040 PARKER)	
5		1		RING, SNAP - (391 2686 063 PARKER)	
6		1		KEY - (391 1781 082 PARKER)	
7	51962-UP	1	<input type="checkbox"/>	MOTOR, FAN DRIVE - OIL COOLER	
8		1		SEAL, LIP - (391 2883 156 PARKER)	
9		1		RETAINER, SEAL - (391 3384 313 PARKER)	
10		1		RING, SNAP - (391 2686 016 PARKER)	
11		1		KEY - (391 1781 085 PARKER)	

 See referenced page for component or assembly breakdown.

Kit or Assembly - includes all items indented underneath.

Section UP-4

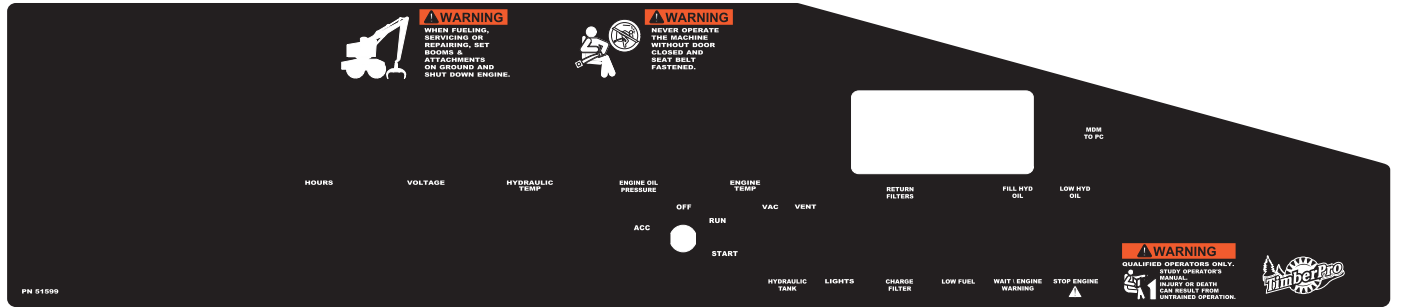
Upper Turntable - Decals



Parts T3119 05/25/05

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

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51924-UP	2	DECAL, MODEL# - TF 830	
	51925-UP	2	DECAL, MODEL# - TF 840	
	51926-UP	2	DECAL, MODEL# - TB 630	
2	51917-UP	1	DECAL, KEEP CLEAR 250 FEET - GULLWING	
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	16059-UP	2	DECAL, KEEP CLEAR (WHT LETTERS)	
7	24286-UP	1	DECAL, WELDING NOTICE	
8	51820-UP	1	DECAL, Fire Extinguisher inside	



1

2

Do Not Operate Until Reading These Instructions

The machine should be parked with the boom slightly more than 90° to the right for easier access.

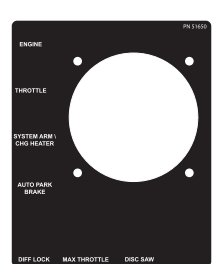
To activate the controls the door must be closed and arm switch activated

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 Arm / Charge Heater switch - The right side is green and activates the optional charge heater. The left side is red, spring loaded and arms the system. Its green position loader circuit will not operate.
3. Auto parking brake switch - Left side of switch will engage brake. When "ON" parking brake is active. When the travel pedal is pressed the brake will automatically release.
4. Axle differential lock - This can only be locked or unlocked when machine is stopped. Only use when necessary.
5. Disc Saw throttle switch - When on, the R.P.M. will increase from the pre-set (approx. 1400 R.P.M. for loading) to full throttle for travel.
6. Wheel drive speed control - Turn clockwise to increase speed.
7. Hydraulic motor shift switch - Down on left side of switch will lock both motors in max displacement for low speed. Switch in neutral position will lock one motor in max displacement for down hill control. Down to right will allow motors to free and give max speed.
8. Clear lock shift - Left side of switch is low gear for speeds from 0-8 M.P.H. Right side is high gear for speeds to 10-12 M.P.H. Machine must be stopped to shift and may require steering action for gears to engage.
9. Steer joystick option - This option can take the place of the right control handle for steering.
10. Reverse steer switch - Press left will steer properly in forward direction. Press right will change steering for natural movement when traveling in reverse.
11. Swing detect switch - Press left will leave boom in float position for more easy traveling in reverse with the grapple clamped onto the rear frame.
12. Spare or Disc Saw switch - Usually used to activate disc saw.

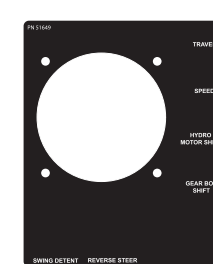
This diagram shows the control panel with numbered callouts 1 through 12 corresponding to the instructions. It includes labels for LEFT JOYSTICK CONTROL, RIGHT JOYSTICK CONTROL, MOTOR SHIFT, OFF LOCK, MAX THROTTLE, DISC SAW, SWING DETECT, and REVERSE STEER.



3



4



5

WARNING
HOLD VENT SWITCH "ON" FOR AN HOUR BEFORE ENGINE STARTUP. TO MAKE SURE THE HYDRAULIC TANK IS FULLY BLENDED AFTER BIRD HYDRAULIC AIR VALVE SYSTEM FAILURE TO DO SO WILL RESULT IN MAJOR HYDRAULIC SYSTEM DAMAGE.

6

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

7

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. Read the operators manual and study your company's regulations and safety procedures.
3. Do not drink alcohol and be cautious of equipment and correct loading procedures.
4. Operate equipment only when you feel physically fit and not under the influence of alcohol or drugs.
5. Never work on a machine that is in a poor state of repair.
6. Report a change in the performance of the machine AND REPORT HOW TO USE IT.
7. Do not remove rollers, spool protectors, protective guards.
8. Check and adjust front-end head area, such as engine compartment, on at least a 60% load and always after operating equipment for the day.
9. Always keep proper and correct working posture and use of the lift, low, and end up.
10. Inspect equipment daily for signs of leaks or irregularities of failure.
11. When hoisting, lowering or repositioning, use hoists on the ground and end down legs.
12. Controls should not be changed without written consent from the factory.

OPERATING SAFETY MEASURES

1. Check all controls and responses for correct response before beginning work with equipment.
2. Use full set of all belts when operating the machine.
3. Operate equipment from the operator's seat only.
4. Whenever leaving the operator's seat, stop the engine. Set brakes on the ground and chock the wheels.
5. Do not attempt to lift or transport loads without proper training and equipment.
6. Do not operate while operating in reverse. Whenever possible, travel straight up or down to minimize possibility of rollover.
7. Be aware of people around the equipment at all times. When people are working, maintain a safe operating distance between the equipment and other personnel and follow the appropriate operating procedure.
8. Do not use the machine for purposes other than those for which it was designed. Safety belts, signals and ear protection when necessary.
9. Carry on permanently.

8

PN 51600
ENGINE DIAGNOSTIC CONNECTOR
MED OFF LOW HIGH A/C HEAT
POWER POINT FANS MODE TEMPERATURE IDAN ARMED

9

UPPER TURNTABLE DECALS**TF 830, 840, AND 630 INNER CAB DECALS**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51599-UP	1	DECAL, CAB Upper Left Dash 830	
2	51724-UP	1	DECAL, CAB Upper Right Dash 830	
3	50694-UP	1	DECAL, TIMBERPRO LOGO - 10" WHEEL	
4	51650-UP	1	DECAL, hand control \ joystick Left	
5	51649-UP	1	DECAL, hand control \ joystick Right	
6	51873-UP	1	DECAL, Vacuum Switch Warning	
7	51720-UP	1	DECAL, electrical center warning	
8	16062-UP	1	DECAL, CAB OPS INSTRUCTION	

! NOTICE

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

	FILL PUMP RELAY	LIGHTS RELAY						
STARTER FILL PUMP 	 LIGHTS 	 DOOR LIGHT 1 DOOR LIGHT 2 JD ENGINE SPARE LIGHT 1 SPARE LIGHT 2 ESPAR HEATER	 100 AMP CAB ELEC CENTER	 100 AMP CUMMINS HEAT GRID	 100 AMP DOOR LIFT PUMP	 100 AMP ALTERNATOR	 STARTER RELAY	 CUMMINS GRID HEATER RELAY

1

PN# 51721

2

MASTER ELECTRICAL DISCONNECT
(under this cover)

Turn "OFF" when leaving machine unattended.

ON **OFF**

PN# 51821

DOOR LIFT PUMP USE - ATF DEXRON III or EQUAL FLUID WHEN FILLING RESERVOIR	FULL 3 ADD OIL
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51902

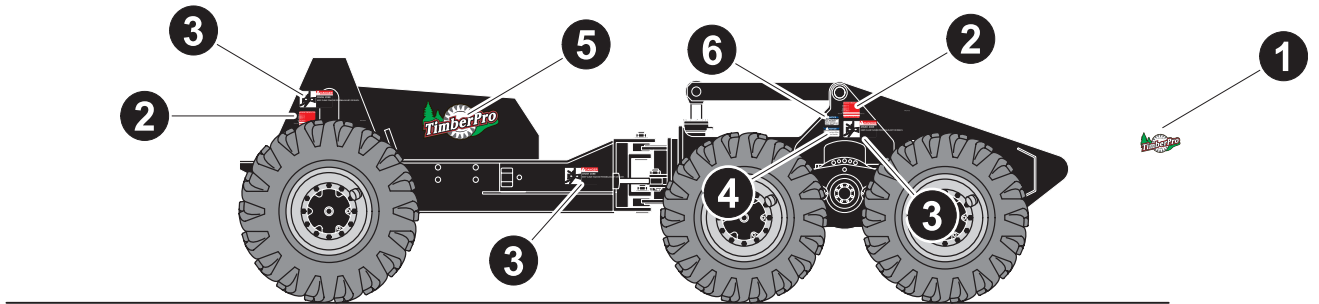
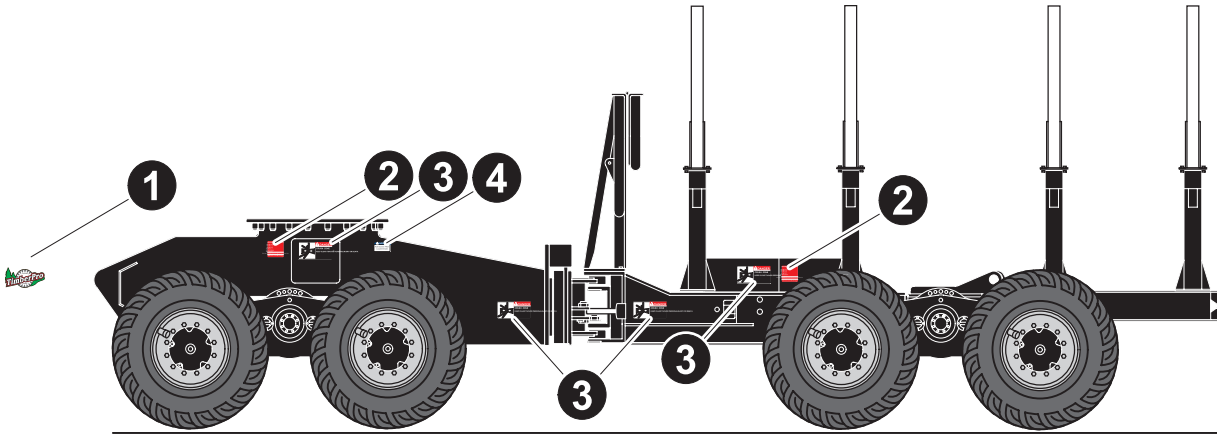
4

FIRE SUPPRESSION MANUAL OVERRIDE ACTUATOR LOCATED INSIDE THIS COVER.

PN# 51820

UPPER TURNTABLE DECALS**TF 830, 840, AND 630 ENGINE COMPARTMENT DECALS**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51721-UP	1	DECAL, engine electrical center	
2	51821-UP	1	DECAL, Master Disconnect Cover	
3	51902-UP	1	DECAL, Door Lift Pump Oil	
4	51820-UP	1	DECAL, Fire Extinguisher inside	



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	

