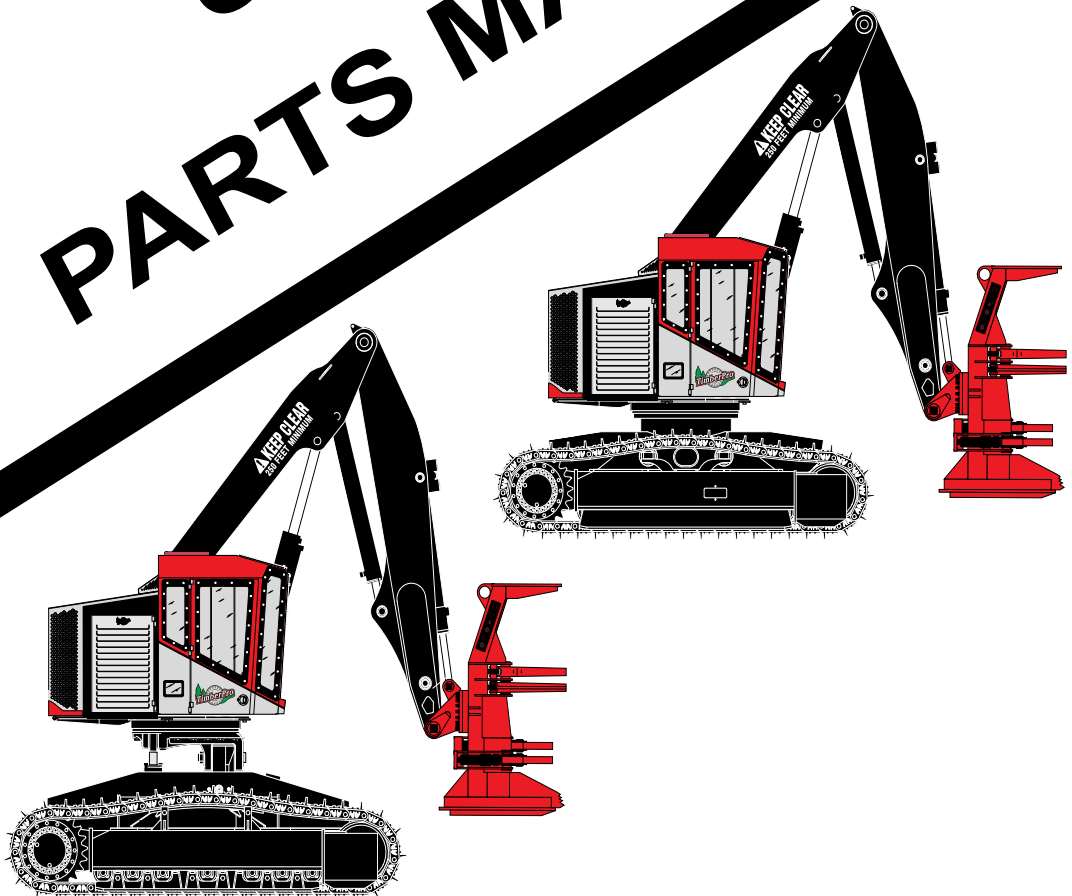


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TN725B, TL725B, & TL735B PARTS MANUAL



PN 53657
PARTS Rev0

Table Of Contents ...

725B & 735B



SECTION	DESCRIPTION	PAGE
UP	Upper Turntable Components	A.2
EE	Electronic (Cummins) Engine	A.3
OC	Operator Cab Components	A.3
ES	Electrical Systems Components	A.4
OH	Optional Heaters	A.5
DH	Drive Hydraulics	A.5
FH	Feller Buncher Boom Components	A.6
FB	Feller Buncher Boom Hydraulics	A.7
TS	Track System Components	A.7
LV	Leveling Frame Components	A.8
NV	Non-Leveling Frame Components	A.8
Explantion of Hose Assemblies		A.10

Group UP

Upper Turntable

Section UP-1: Structural Components

Upper Turntable Installation:	
Non-Leveling Machines	UP-1-2
Leveling Machines	UP-1-4
Swing Bearing Grease Line.	UP-1-6
Swing Motor Installation:	
Lohmann / Rexroth	UP-1-8
Upper Turntable Guards, Panels & Covers Installation:	
Front and Side Door Install	UP-1-10
Rear Panels and Oil Cooler Door Install	UP-1-12
Lower Cover Install	UP-1-14
Gull Wing Door Install	UP-1-16
Gull Wing Lift Pump Install	UP-1-18
Gull Wing Door Assembly	UP-1-20
Gull Wing Door Optional Lights.	UP-1-22
Rotary Manifold Breakdown	UP-1-24
Gull Wing Lift Cylinder Breakdown	UP-1-26

Section UP-2: Hydraulic Tank

Hydraulic Tank Installation.	UP-2-2
Return Filter Assemblies	UP-2-4
Hydraulic Tank Components	UP-2-6
Return Lines - Oil Cooler to Tank	UP-2-8
Electric Hydraulic Oil Fill Pump Installation.	UP-2-10
Hydraulic Tank Vacuum & Vent System	UP-2-12
Electric Hydraulic Oil Fill Pump Breakdown	UP-2-14
Vacuum Pump Breakdown	UP-2-16

Section UP-3: Radiator and Oil Cooler Fan Drive System

Fan Drive Manifold Install	UP-3-2
Fan Drive Manifold Pressure and Tank.	UP-3-4
Fan Drive Manifold - Drain and Gauge Ports	UP-3-6
Oil Cooler Fan Motor - Pressure and Tank	UP-3-8
Radiator Fan Motor - Pressure and Tank	UP-3-10
Fan Motor Case Drains	UP-3-12
Fan Drive Manifold Breakdown	UP-3-14
Oil Cooler Breakdown	UP-3-16
Radiator Breakdown	UP-3-18
Fan Motor Breakdowns	UP-3-20

Section UP-4 Decals

Upper Turntable Decals.	UP-4-2
Cab Decals	UP-4-4
Engine Compartment.	UP-4-6
Lower Frame Decals	UP-4-8

Group EE**Cummins Electronic Engine****Section EE-1: Cummins QSC 8.3-C 300 HP**

Engine Installation	EE-1-2
Barrier Panel Installation - Rear	EE-1-4
Barrier Panel Installation - Front	EE-1-6
Barrier Panel Installation - Rubber Seals	EE-1-8
Air Conditioner Compressor and Remote Oil Filter Installation	EE-1-10
Engine Belt and Shroud Install	EE-1-12
Alternator, Starter, Filters & Senders.	EE-1-14
Fuel Lines Connections.	EE-1-16
Charge Air Hoses	EE-1-18
Air Cleaner Breakdown	EE-1-20
Air Cleaner Install	EE-1-22
Muffler Installation	EE-1-24

Section EE-3: Cooling System

Radiator Installation.	EE-3-2
Radiator to Engine Connections	EE-3-4
Coolant Over Flow Tank Connections.	EE-3-6
Coolant Filter Install.	EE-3-8

Section EE-4: Pump Drive Transmission

Pump Drive Transmission Installation (Funk)	EE-4-2
Pump Drive Transmission Breakdown (Funk).	EE-4-4
Pump Drive Transmission Cooling System.	EE-4-6

Group OC**Operator's Cab****Section OC-1: Cab Weldment & Installation**

Cab Weldment Assembly	OC-1-2
Cab Weldment Installation	OC-1-4
Door Assembly & Installation.	OC-1-6
Cab Step Installation	OC-1-8

Section OC-2: Window Installation

Window Installation:	
Front Windows & Skylight	OC-2-2
Rear and Side Windows	OC-2-4

Section OC-3: Interior Components

Interior Trim & Floormat.	OC-3-2
Operator's Seat Install.	OC-3-4
Foot Pedals Install.	OC-3-6
Operator's Seat Breakdown	OC-3-8
Operator's Control Arm Breakdown	OC-3-10

Section OC-4: Air Conditioner / Heater Unit

Air Conditioner / Heater Unit Breakdown	OC-4-2
Air Conditioner / Heater Unit Installation	OC-4-4
Air Conditioner / Heater Unit Duct Installation	OC-4-6
Air Conditioner Lines:	
Cab Interior	OC-4-8
Cab Exterior	OC-4-10
Heater Lines:	
Cab Interior	OC-4-12
Exterior (Cummins engine connections)	OC-4-14

Section OC-5: Optional Fire Suppression System

Dry Chemical Tank Breakdown	OC-5-2
Nitrogen Cylinder Breakdown	OC-5-4
Manual Actuator	OC-5-6
Auto / Manual Actuator	OC-5-8
Actuation System Installation	OC-5-10
Fire Suppression Lines (Chemical Tank to Distribution Tee)	OC-5-12
Fire Suppression Lines (Distribution Tee to Engine & Pump Compartments)	OC-5-14

Group ES

Electrical System

Section ES-1: Engine Electrical

Battery Installation	ES-1-2
Positive Battery Cable Installation	ES-1-4
Negative Battery Cable Installation	ES-1-6
Cab Load Center Power Supply Harness	ES-1-8
Engine Compartment Electrical Harness (Cummins)	ES-1-10
Alternator Electrical Connections	ES-1-12
Starter Electrical Connections	ES-1-14
Cummins Grid Heater Cable	ES-1-16
Fill Pump and Gull Wing Pump Electrical	ES-1-18
Gullwing Light Harness Installation	ES-1-20
Engine Electrical Center Breakdown	ES-1-22
Work Light Assemblies Breakdown	ES-1-24

Section ES-2: Operator’s Cab

Main Electrical Center Installation	ES-2-2
Upper Dash Installation	ES-2-4
AC / Heater Connection	ES-2-6
Cab Harness Installation	ES-2-8
Main Electrical Center Breakdown	ES-2-10
Upper Dash Breakdown - Left	ES-2-12
Upper Dash Breakdown - Right	ES-2-14
Cab Work Light Assembly Breakdowns	ES-2-16

Section ES-3: IQAN Control System

Cab Control Harness	ES-3-2
Engine Compartment Harness	ES-3-4
MDL Control Panel Assembly	ES-3-6
XA2 Panel Assembly	ES-3-8
Joystick Control Pods - Breakdown	ES-3-10

Hand Controls Breakdown	ES-3-12
Brake Pedal Breakdown	ES-3-14
Track Drive Pedal	ES-3-16

Group OH

Optional Heaters

Section OH-1: Espar Heater Install

Espar Heater Install	OH-1-2
Espar Heater Hoses (Cummins QSC)	OH-1-4

Section OH-2: Espar Heater Breakdown

Espar Heater Breakdown (Heater)	OH-2-2
Espar Heater Breakdown (Outer Components)	OH-2-4

Group DH

Track Drive Hydraulics

Section DH-1: Charge Pressure Circuit

Charge Filter Manifold Install	DH-1-2
Charge Pump Install	DH-1-4
Charge Pump Inlet (Suction) Connection	DH-1-6
Charge Pump Outlet (pressure, tank, and regen) Connection	DH-1-8
Charge Pump to Track Pump Supply	DH-1-10
Charge Manifold Drain	DH-1-12
Charge Manifold Gauge Connection	DH-1-14

Section DH-2: Track Drive Pump Circuit

Track Drive Pump Install	DH-2-2
Track Drive Pump Case Drain	DH-2-4
Anti-Cav Connections	DH-2-6
Left Track Drive Pump Pressure Connections	DH-2-8
Right Track Drive Pump Pressure Connections	DH-2-10
Track Pump Gauge Port Connection	DH-2-10

Section DH-3: Motor Shift, Parking Brake, and Flushing Circuits

Parking Brake / Shift Manifold Installation	DH-3-2
Parking Brake / Shift Manifold - Pressure and Tank	DH-3-4
Motor Flushing Return	DH-3-6
Parking Brake and Motor Shift Connections	DH-3-8
Parking Brake / Shift Manifold Breakdown	DH-3-10

Section DH-4: Track Drive Components

Track Drive Pump Breakdown (Front)	DH-4-2
Track Drive Pump Breakdown (Stroke Control)	DH-4-4
Track Drive Pump Breakdown (Thru Drive)	DH-4-6
Charge Pump Breakdown	DH-4-8
Fan / Charge System Control Valve Breakdown	DH-4-10

Group FH**Feller Buncher Hydraulics****Section FH-1: Pumps and Main Control Valves**

Implement Pump: Rexroth 145cc	FH-1-2
Aux Disc Saw Pump: Rexroth 45cc	FH-1-4
Aux Brush Pump: Rexroth 71cc	FH-1-6
Electric Compensator Control	FH-1-8
Main Control Valve (Fixed Harvester - Rolly II).....	FH-1-10
Main Control Valve (Disc Saw Feller Buncher).....	FH-1-12
L90 Valve Section	FH-1-14
L90 Valve End Cap	FH-1-16
L90 Valve Control Cap	FH-1-18
L90 Outlet Section.....	FH-1-20
MID Inlet Valve	FH-1-22
K220 Valve Section	FH-1-24
K220 Valve End Caps	FH-1-26

Section FH-2: Supply, Tank, Load Sense, and Drains

Implement Pump Installation and Suction Hose	FH-2-2
Implement Pump Case Drain Line	FH-2-4
Main Control Valve Installation	FH-2-6
Implement Pump Pressure Line To Main Control Valve	FH-2-8
Main Control Valve Load Sense Line	FH-2-10
Main Control Valve Pilot Drain Hose	FH-2-12
Main Control Valve Return Line	FH-2-14
Implement Pump Gauge Port	FH-2-16

Section FH-3: Swing Motor Hydraulics

Anti-Cavitation Valve Install	FH-3-2
Anti-Cavitation Valve Supply	FH-3-4
Swing Gear Box Brake Hose	FH-3-6
Swing Motor Drain.....	FH-3-8
Swing Motor Valve Connections	FH-3-10
Anti-Cavitation Valve Breakdown	FH-3-12
Swing Motor Install	FH-3-14
Swing Gear Box Breakdown	FH-3-16

Section FH-4: Common - Implement Function Connections

Main Boom Cylinder Hoses.....	FH-4-2
Stick Boom Cylinder Hoses - Valve to Boom	FH-4-4
Stick Boom Cylinder Hoses - Main Boom to Cylinder	FH-4-6
Tool Cylinder Hoses - Valve to Boom	FH-4-8
Tool Cylinder Hoses - Main Boom to Cylinder	FH-4-10
Cab Leveling Left	FH-4-12
Cab Leveling Right	FH-4-14

Section FH-5: Feller Buncher - Disc Saw Hydraulics

Disc Saw Attachment (Pressure and Tank Connection)	FH-5-2
Disc Saw Attachment (Load Sense and Gauge Connection).....	FH-5-4
Disc Saw Attachment (Clamp Cylinder Connection).....	FH-5-6
Disc Saw Attachment (Accumulator Cylinder Connection).....	FH-5-8

Disc Saw Case Drain (Lateral Tilt Connection)	FH-5-10
Disc Saw Case Drain (Case Drain Connection)	FH-5-12
Disc Saw Stop Valve	FH-5-14

Section FH-6: Feller Buncher - Dangle Harvester

Main Boom Valve to Cylinder Hoses	FH-6-2
Stick Boom Valve to Main Boom	FH-6-4
Squirt Boom Valve to Main Boom	FH-6-6
Main Boom to Squirt Boom Hoses - Squirt Cyl.	FH-6-8
Harvester Attachment Valve to Main Boom, Pressure Hoses	FH-6-10
Harvester Attachment Valve to Main Boom, Tank Hoses	FH-6-12
Main Boom to Squirt Boom Hoses - Pressure and Tank	FH-6-14
Squirt Boom to Dangle Adapter, Pressure and Tank.	FH-6-16
Harvester Attachment Case Drain to Main Boom	FH-6-18
Main Boom to Squirt Boom Hoses - Wire and Case.	FH-6-20
Squirt Boom to Dangle Adapter, Wire and Case.	FH-6-22
Rotate Valve to Main Boom	FH-6-24
Main Boom to Squirt Boom Hoses - Rotate Hoses.	FH-6-26
Squirt Boom to Dangle Adapter, Rotate Hoses.	FH-6-28

Section FH-7: Feller Buncher - Rolly II

Pressure Valve to Main Boom.	FH-7-2
Main Boom to Stick Boom - Pressure.	FH-7-4
Return to Main Boom	FH-7-6
Main Boom to Stick Boom - Return.	FH-7-8
Case Drain to Main Boom.	FH-7-10
Main Boom to Stick Boom - Case Drain	FH-7-12
Wire Bracket to Main Boom	FH-7-14
Main Boom to Stick Boom - Wire Hose.	FH-7-16

Group FB

Feller Buncher Booms

Section FB-1: Main Boom

Main Boom - Standard Components.	FB-1-2
Main Boom - Installation	FB-1-4
Main Boom - Grease Lines	FB-1-6
Main Boom - Debris Shield	FB-1-8

Section FB-2: Stick Boom

Stick Boom Components.	FB-2-2
Stick Boom Installation	FB-2-4
Stick Boom (Jib) Cylinder Installation	FB-2-6
4-Bar Linkage Installation	FB-2-8
Boom Grease Lines.	FB-2-10
Optional Boom Dangle extension Installation	FB-2-12

Section FB-3: Harvester Booms - Main Boom

Main Boom - Standard Components.	FB-3-2
Main Boom - Installation	FB-3-4
Main Boom - Grease Lines	FB-3-6
Main Boom - Debris Shield	FB-3-8

Section FB-4: Harvester Booms - Stick & Squirt (Tele) Booms

Stick Boom Components	FB-4-2
Stick Boom Tubelines	FB-4-4
Squirt Boom Components	FB-4-6
Squirt / Stick Installation	FB-4-8
4-Bar Linkage Installation	FB-4-10
Boom Grease Lines	FB-4-12

Section FB-5: Cylinders

Main Boom (Hoist) Cylinder (Jarp)	FB-5-2
Stick Boom (Jib) Cylinder (Jarp)	FB-5-4
Tool Tilt Cylinder (Jarp)	FB-5-8
Squirt Boom Cylinder	FB-5-10

Group TS

Track System Components

Section TS-1: 725B Undercarriage

Track Frame Assembly	TS-1-2
Upper Roller/Slide Installation	TS-1-4
Lower Roller Group	TS-1-6
Front Idler Installation	TS-1-8
Idler Adjustment Cylinder	TS-1-10
Chain and Track Pads	TS-1-12
Final Drive Installation	TS-1-14
Drive Motor Installation	TS-1-16
Final Drive Breakdown	TS-1-18
Drive Motor Breakdown	TS-1-20

Section TS-2: 735B Undercarriage

Track Frame Assembly	TS-2-2
Upper Roller/Slide Installation	TS-2-4
Lower Roller Group	TS-2-6
Front Idler Installation	TS-2-8
Idler Adjustment Cylinder	TS-2-10
Chain and Track Pads	TS-2-12
Final Drive Installation	TS-2-14
Drive Motor Installation	TS-2-16
Final Drive Breakdown	TS-2-18
Drive Motor Breakdown	TS-2-20

Group LV

Leveling Frame Components

Section LV-1: Leveling Frame Structural

Frame and Access Covers	LV-1-2
Frame Installation	LV-1-4

Section LV-2: Leveling Frame Components

Lower Turntable Installation	LV-2-2
Leveling Yoke Installation	LV-2-4
Leveling Cylinder Installation	LV-2-6
Debris Shield Installation	LV-2-8

Section LV-3: Leveling Frame Hydraulics

Right Drive Motor Lines	LV-3-2
Left Drive Motor Lines	LV-3-4
Motor Case Drains	LV-3-6
Parking Brake Connections	LV-3-8
Motor Flushing Return	LV-3-10
Motor Shift	LV-3-12
Leveling Cylinder Hydraulics	LV-3-14
Leveling Cylinder Breakdown	LV-3-16

Section LV-4: Fuel Tank Components

Fuel Fill Strainer & Internal Tank Components	LV-4-2
Fuel Pump/Filter and Hose Connections	LV-4-4

Group NV

Non-Leveling Frame Components

Section NV-1: Non-Leveling Frame Structural

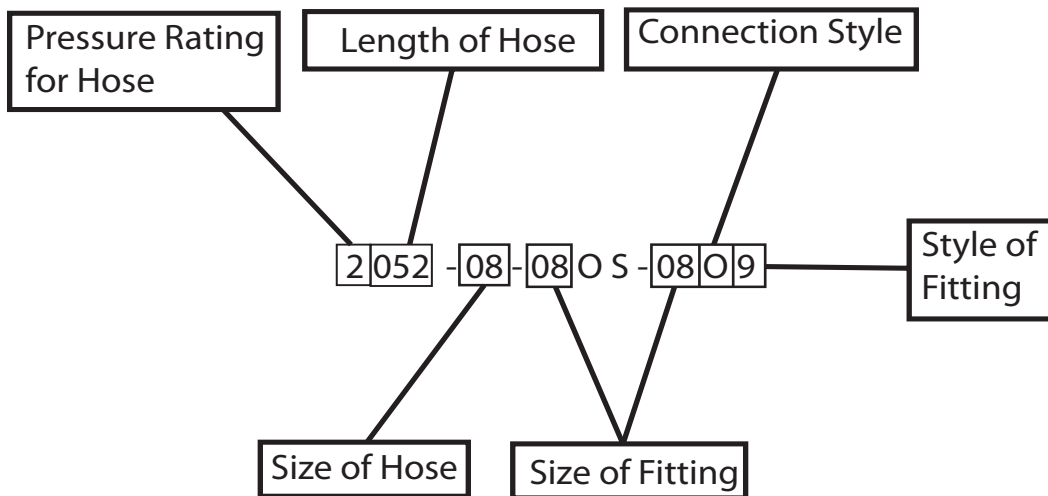
Frame and Access Covers	NV-1-2
Frame Installation	NV-1-4

Section NV-2: Non-Leveling Frame Hydraulics

Right Drive Motor Lines	NV-3-2
Left Drive Motor Lines	NV-3-4
Motor Case Drains	NV-3-6
Parking Brake Connections	NV-3-8
Motor Flushing Return	NV-3-10
Motor Shift	NV-3-12

Section NV-4: Non-Leveling Fuel Tank Components

Fuel Fill Strainer & Internal Tank Components	NV-4-2
Fuel Pump/Filter and Hose Connections	NV-4-4



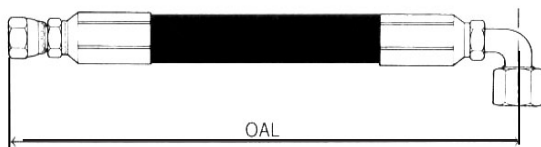
Explanation of Hose Assemblies

Pressure Rating for Hoses

The Number representing the hose pressure rating is actually the number of wires in the hoses makup. Since pressure ratings and wire content can vary between manufactures and styles of hoses. It is recomended that the replacement hose matches the pressure rating of the hose it is replacing.

Length of Hose

This is the actual length of the hose measured in a straight line including the fittings.



Size of Hose

The number representing the size of the hose is as follows.

04 = .25"	06 = .3875"
08 = .5"	10 = .625"
12 = .75"	16 = 1"
20 = 1.25"	24 = 1.5"

Size of the Fitting

The size of the fitting is the same code as the sizing used for hose listed above.

Connection Style

The Connection Style of fitting is coded as follows.

"J" = Jic	"O" = O-ring Face Seal	"P" = Pipe
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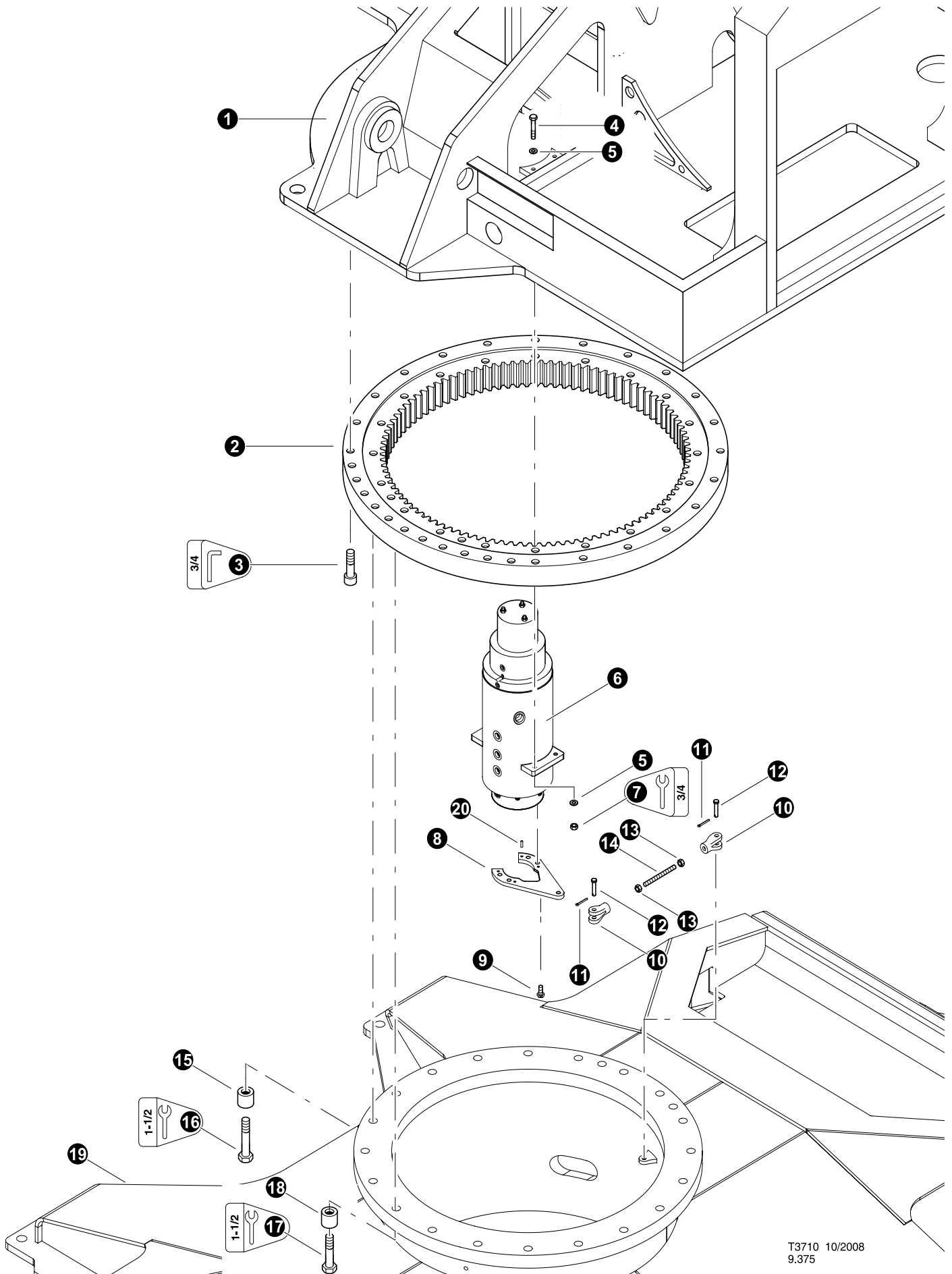
Style of Fitting

The Style of Fitting is coded as follows.

"S" = Strait	"4" = 45 degree	"9" = 90 degree
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Section UP-1

Upper Turntable - Structural Components, Doors, and Covers



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UPPER TURNTABLE INSTALLATION (Non-Leveling Machines)

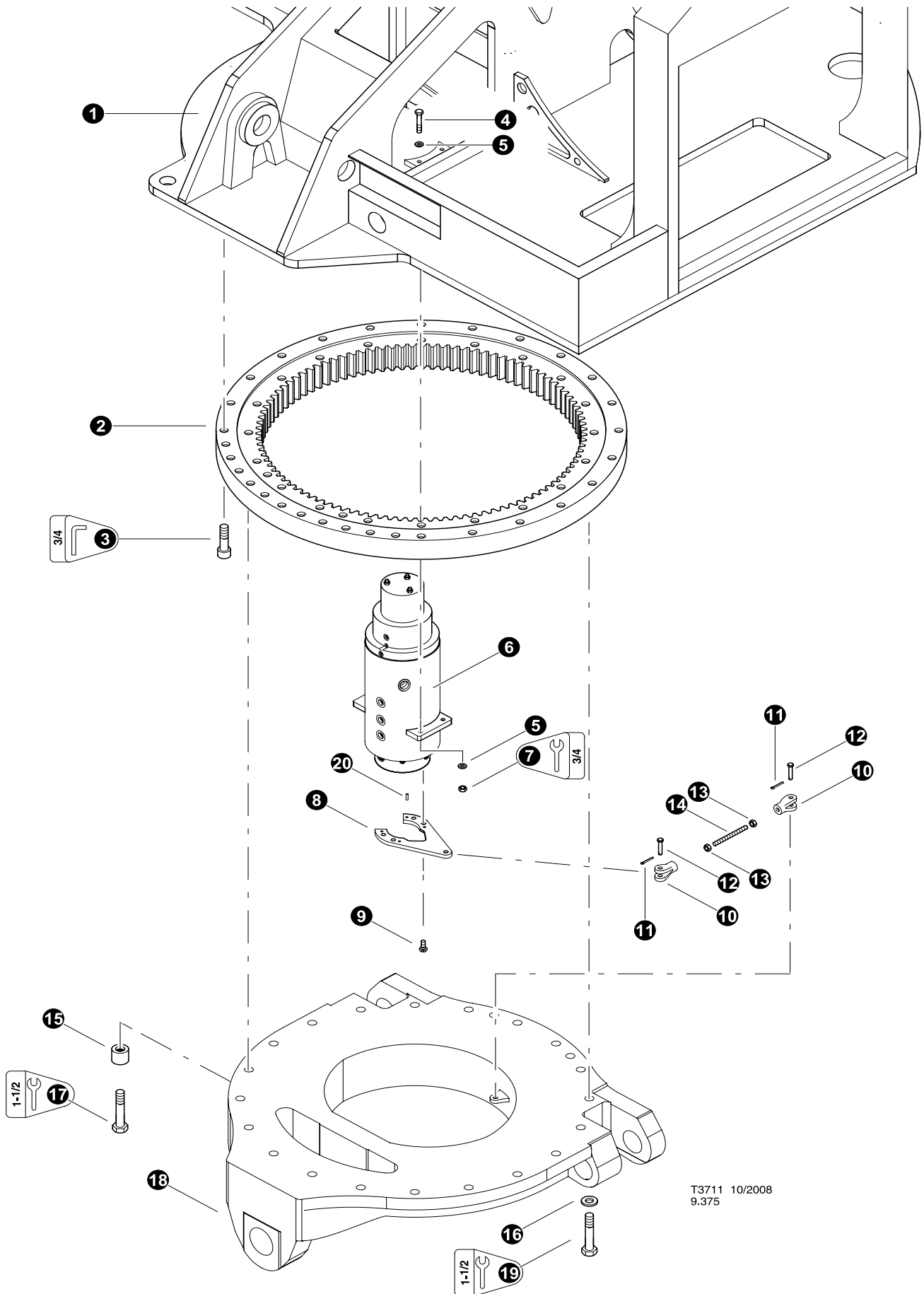
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52852TK-UP	1	WELDMENT, UPPER T.T. - TRACK MACHINE (Machine 8TF-0314 and TL725B-0026 and before)	
1	53770TK-UP	1	WELDMENT, UPPER T.T. - TRACK "FLUSH FRONT" (Machines 0027-062609 until 0037-113009)	
1	54024TK-UP	1	WELDMENT, UPPER T.T. - TRACK "ECCENTRIC SWING" (Machine 0038-123109 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	53151-UP	1	BRACKET, SWIVEL LOCK - TORQUE ARM T/M	
9	20661-UP	2	BOLT - 16MM-2.0P X 35MM (must drill hole 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	12	SPACER, bolt - Standard	
16	50263-UP	12	BOLT - 1" x 5.5" (Torque to 1000 ft.lbs (1350 Nm))	
17	18535-UP	10	BOLT - 1" x 5" (Torque to 1000 ft.lbs (1350 Nm))	
18	53143-UP	10	SPACER, BOLT - Short 1.50 LG (used in front and rear)	
19	REF.	1	 NonLeveling Frame	NV-1
20	52995-UP	3	DOWEL, ROTARY MANIFOLD LOCK (2 PER)	

 See reference page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.




Note: 1

Use Loctite 272 (blue) during installation.



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UPPER TURNTABLE INSTALLATION (Leveling Machine)

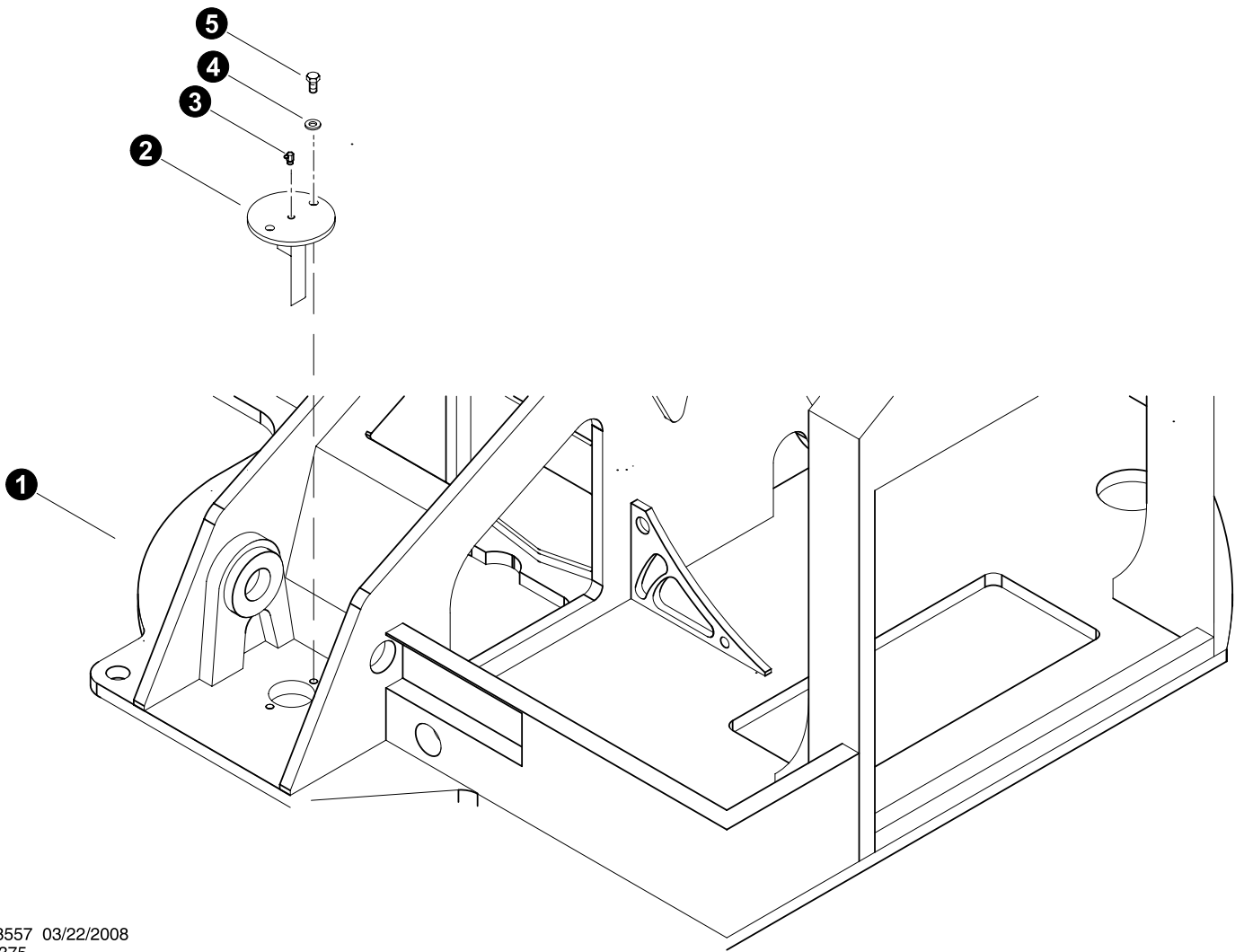
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52852TK-UP	1	WELDMENT, UPPER T.T. - TRACK MACHINE (Machine 8TF-0314 and TL725B-0026 and before)	
1	53770TK-UP	1	WELDMENT, UPPER T.T. - TRACK "FLUSH FRONT" (Machines 0027-062609 until 0037-113009)	
1	54024TK-UP	1	WELDMENT, UPPER T.T. - TRACK "ECCENTRIC SWING" (Machine 0038-123109 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	53151-UP	1	BRACKET, SWIVEL LOCK - TORQUE ARM T/M	
9	20661-UP	2	BOLT - 16MM-2.0P X 35MM (must drill hole 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	10	SPACER, bolt - Standard	
16	18532-UP	12	WASHER, SAE FLAT THICK - 1"	
17	50263-UP	10	BOLT - 1" x 5.5" (Torque to 1000 ft.lbs (1350 Nm))	
18	REF.	1	 LOWER TURNTABLE - LEVELING	LV
19	18529-UP	12	BOLT - 1" x 8.5" (Torque to 1000 ft.lbs (1350 Nm))	
20	52995-UP	3	DOWEL, ROTARY MANIFOLD LOCK (2 PER)	

 See reference page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.


Note: 1



Use Loctite 272 (blue) during installation.



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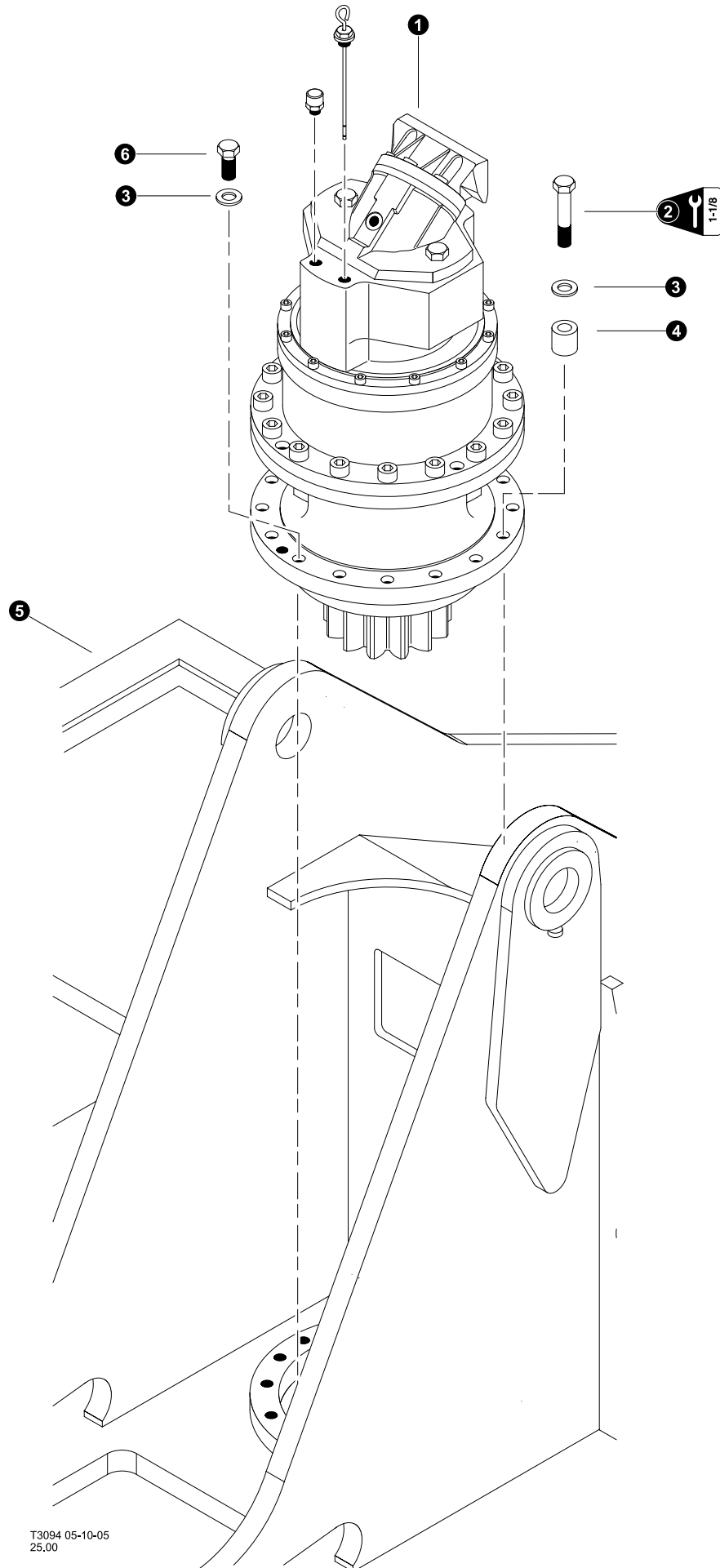
UPPER TURNTABLE INSTALLATION (Swing Bearing Grease Line)

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.



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SWING MOTOR INSTALLATION (Lohmann/Rexroth)

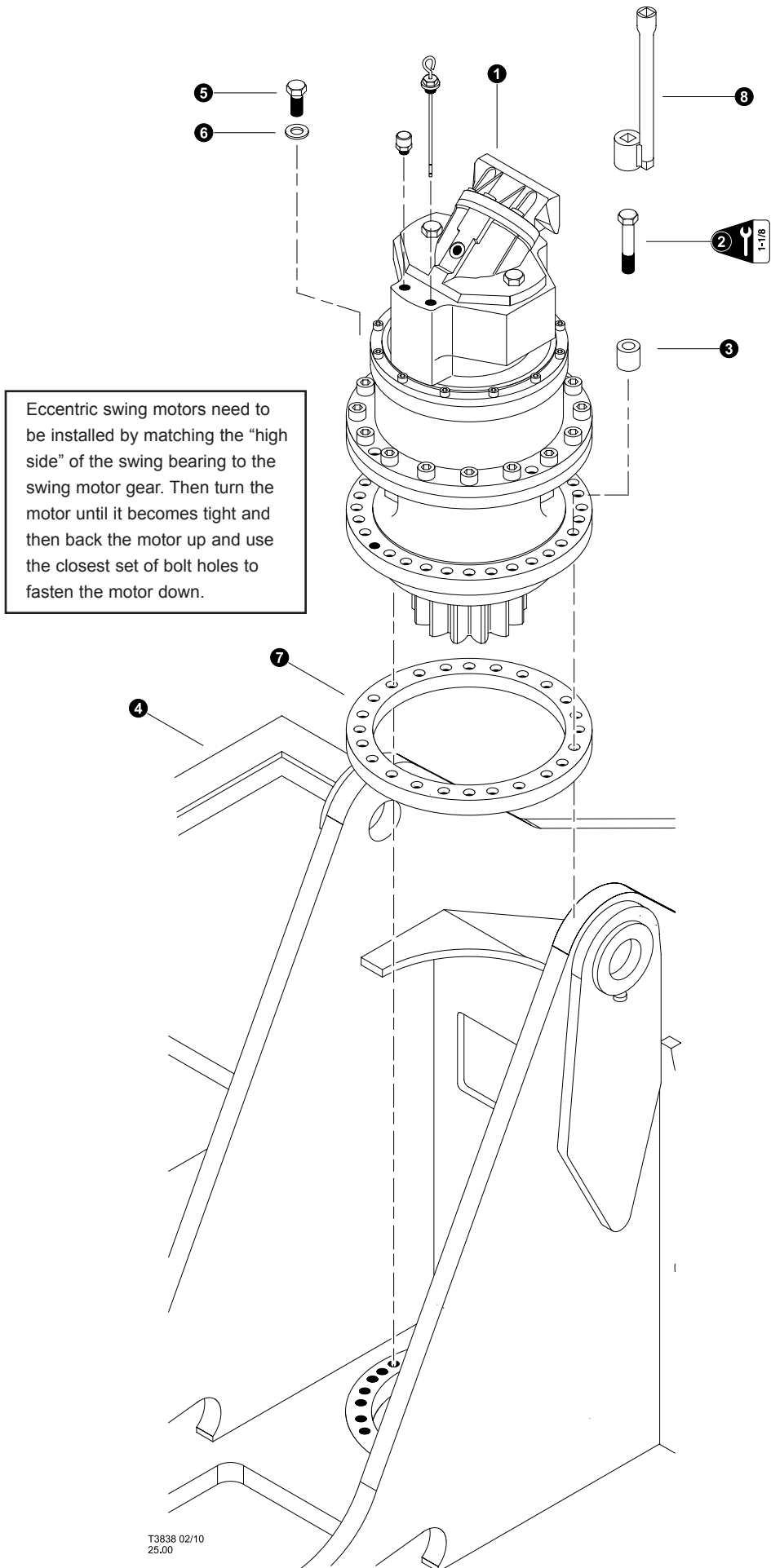
Machines built before 0037-113009

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" (See Note 1 Below)	

 See reference page for component or assembly breakdown.



Note: 1

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



SWING MOTOR INSTALLATION (Lohmann/Rexroth)

Machines built before 0038-123109

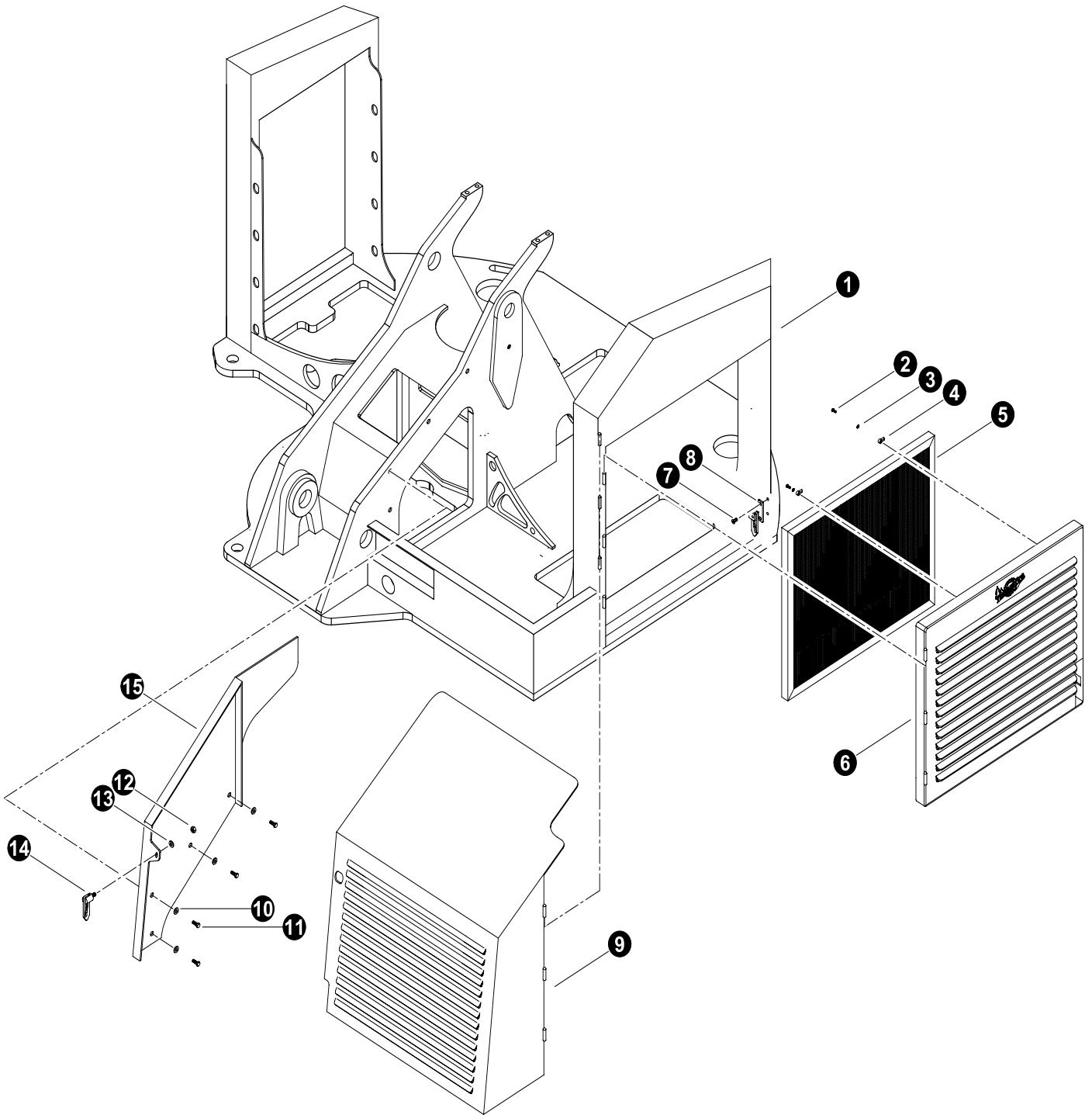
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 SWING MOTOR - Lohmann/Rexroth	LH,HH
2	10720-UP	23	BOLT - 5/8" x 3.75" (Torque to 230 ft.lbs (310 Nm)) (see note 1)	
3	19242-UP	23	SPACER, bolt	
4	REF.	1	 UPPER TURNTABLE WELDMENT	UP-1
5	15517-UP	1	BOLT - .625" X 2.5" (Torque to 230 ft.lbs (310 Nm)) (see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

Special Note:

 See reference page for component or assembly breakdown.


Note: 1


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

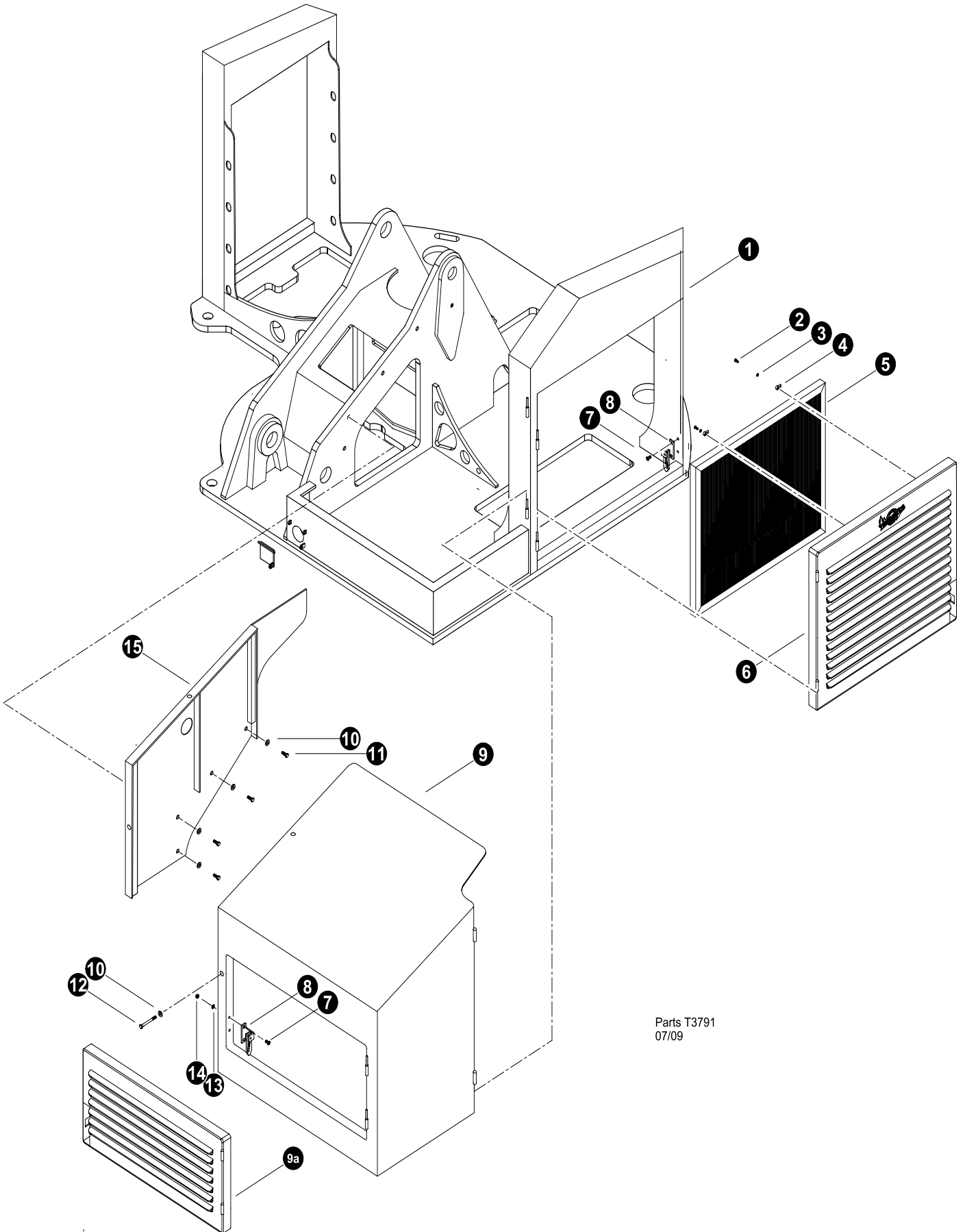


Parts T3558
03/19/08

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.

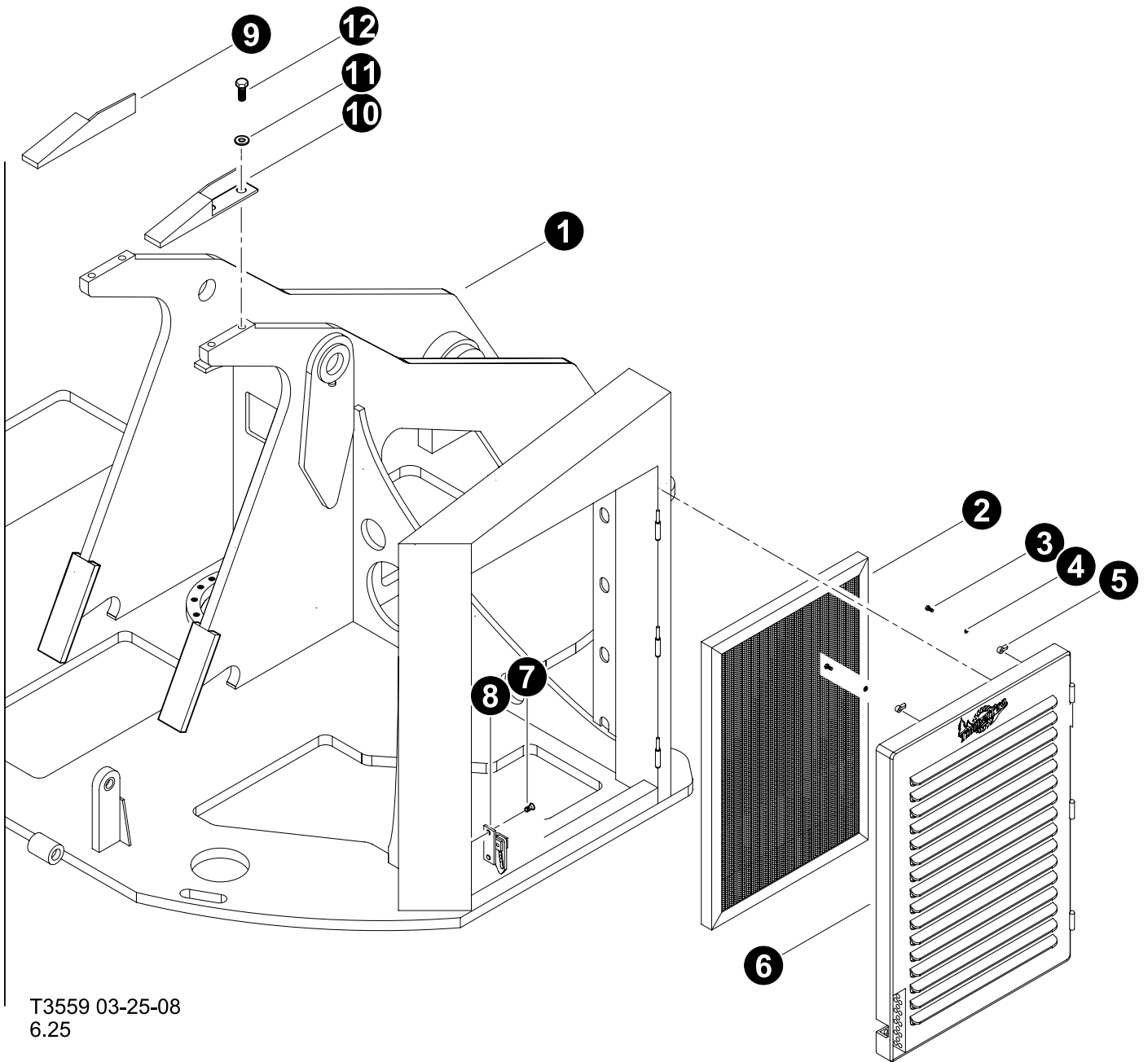


Parts T3791
07/09

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.



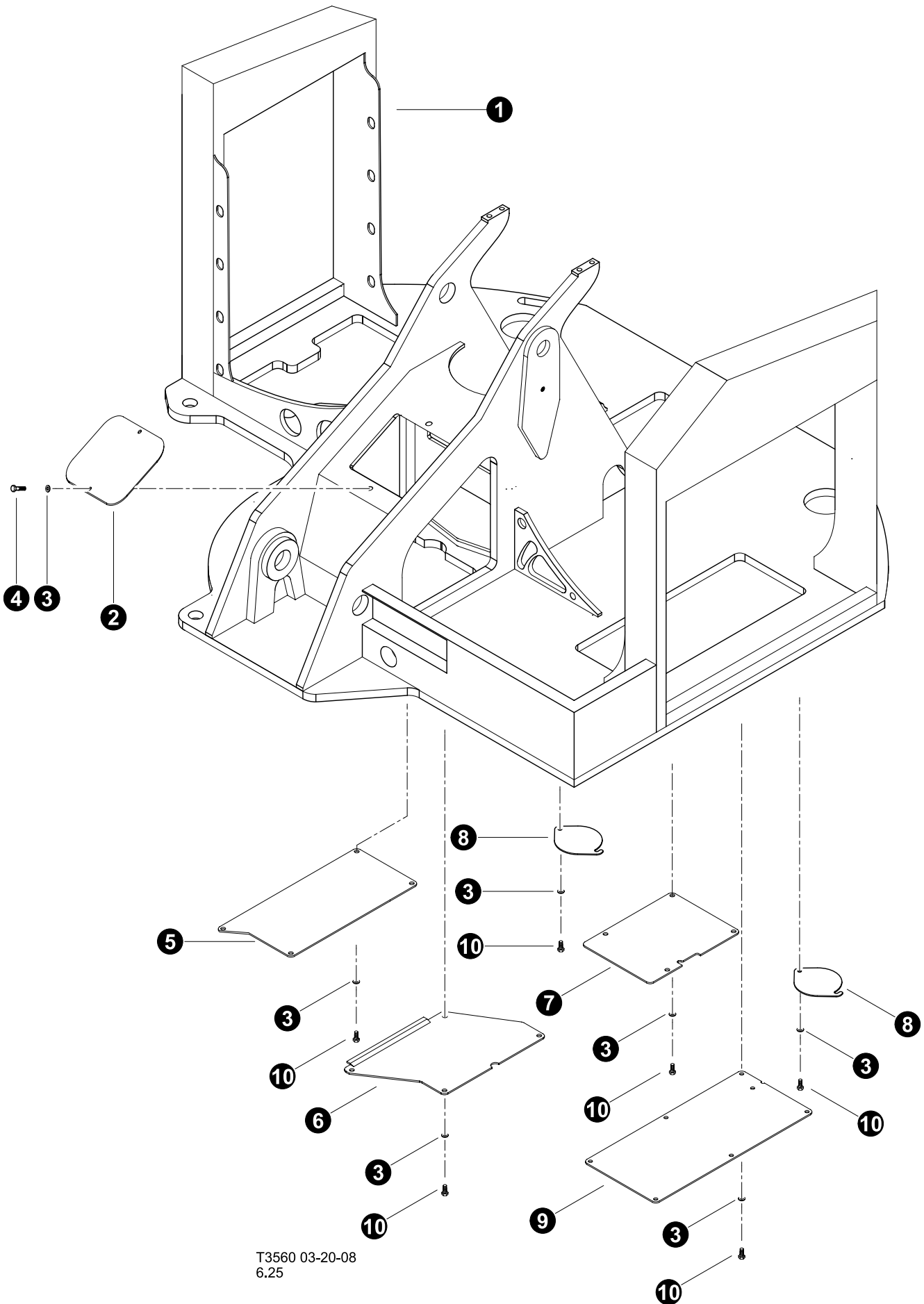
T3559 03-25-08
6.25

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.



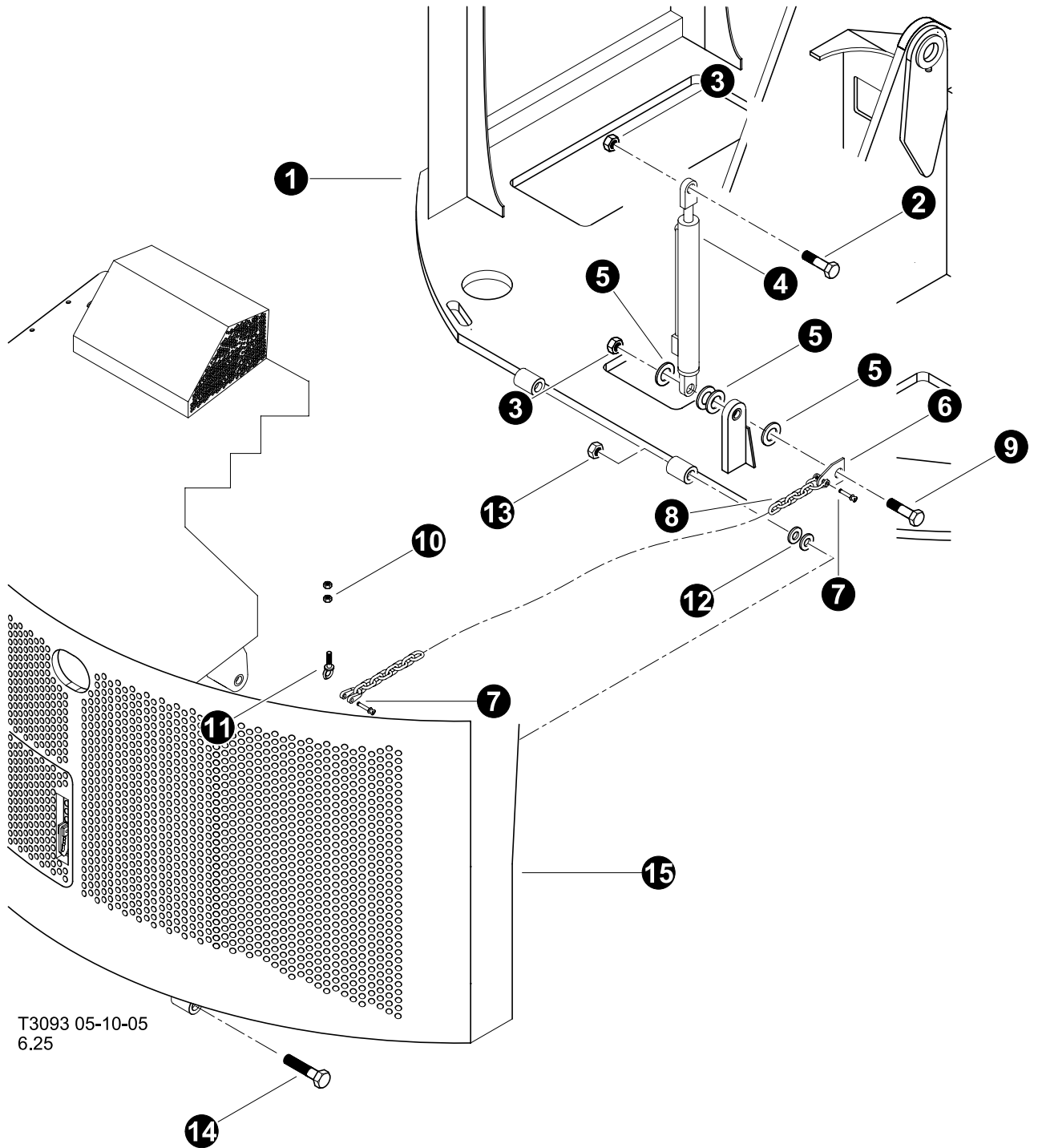
T3560 03-20-08
6.25

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.



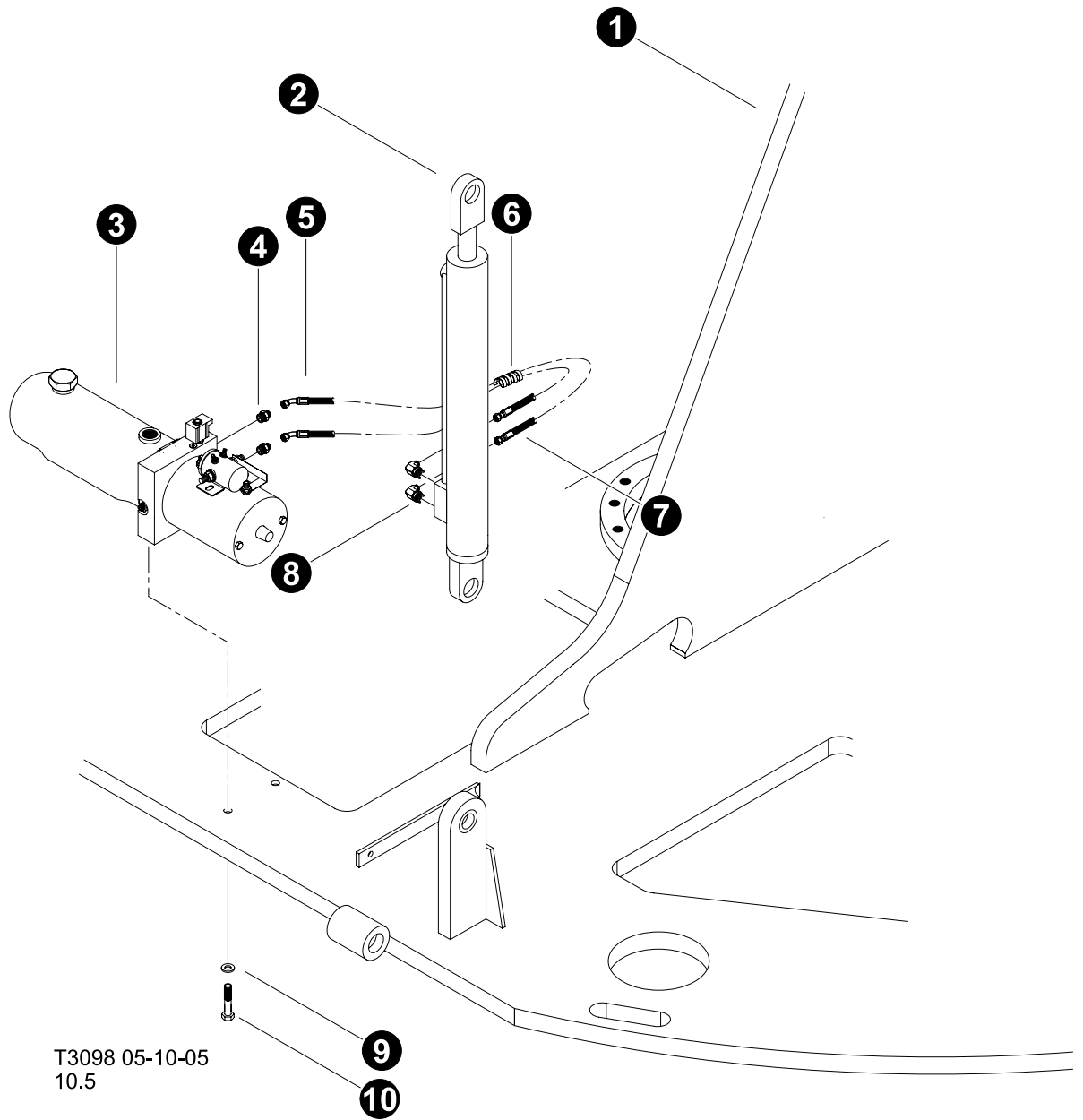
UPPER TURNTABLE GUARDS, PANELS & COVERS INSTALLATION (Gull Wing Door Installation)

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.



T3098 05-10-05
10.5

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

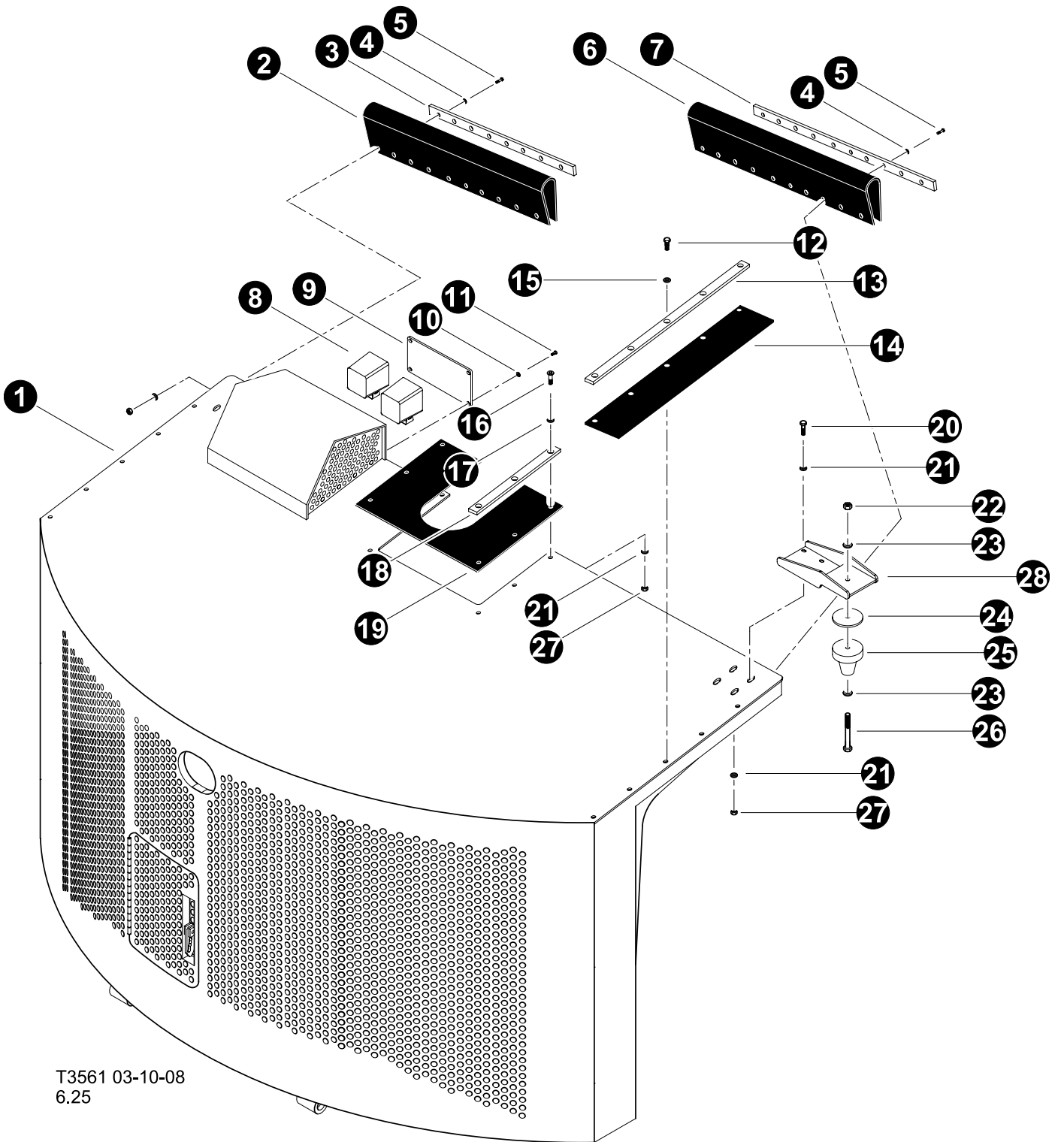
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		UPPER TURNTABLE WELDMENT	UP-1
2	REF.	1		GULL WING CYLINDER.	UP-1
3	51577-UP	1		PUMP, POWER UNIT - GULL WING	
4	15124-UP	2		CONNECTOR, STR - FF1852T-0406S	
5	50606-UP	1		HOSE ASSEMBLY - 2043-04OS-0404	
6	20843-UP	3ft		PROTECTOR, HOSE - SPRIAL (.78")(BULK)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



T3561 03-10-08
6.25

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

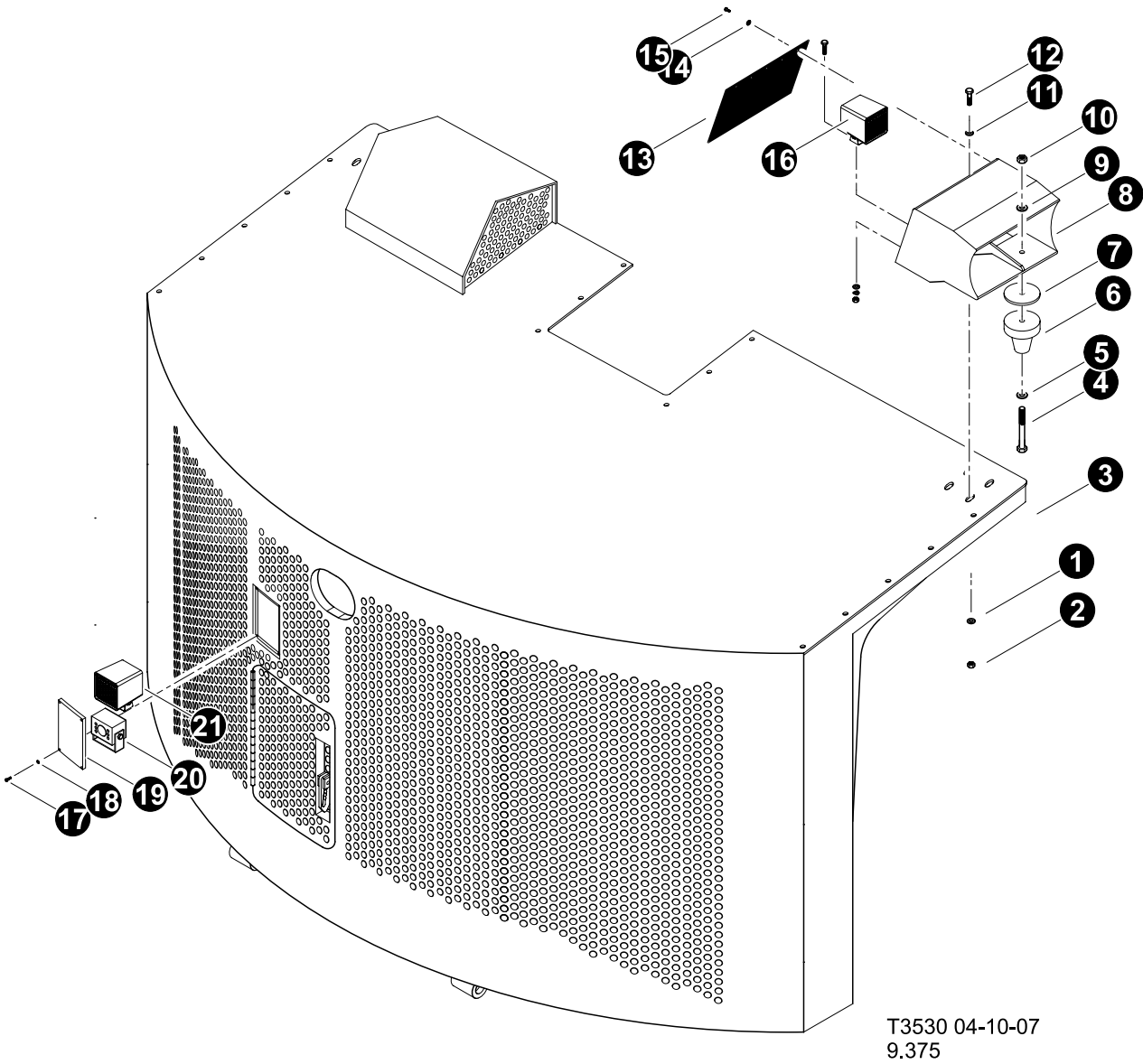
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52853-UP	1	DOOR, GULLWING+3"	
2	52833-UP	1	BELTING, GULLWING END - SHORT	
3	52835-UP	1	RETAINER, GULLWING END BELTING - SHORT	
4	10757-UP	36	WASHER, SAE FLAT - .25"	
5	15575-UP	18	BOLT - .25" X 1.5"	
6	52834-UP	1	BELTING, GULLWING END - LONG	
7	52836-UP	1	RETAINER, 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)

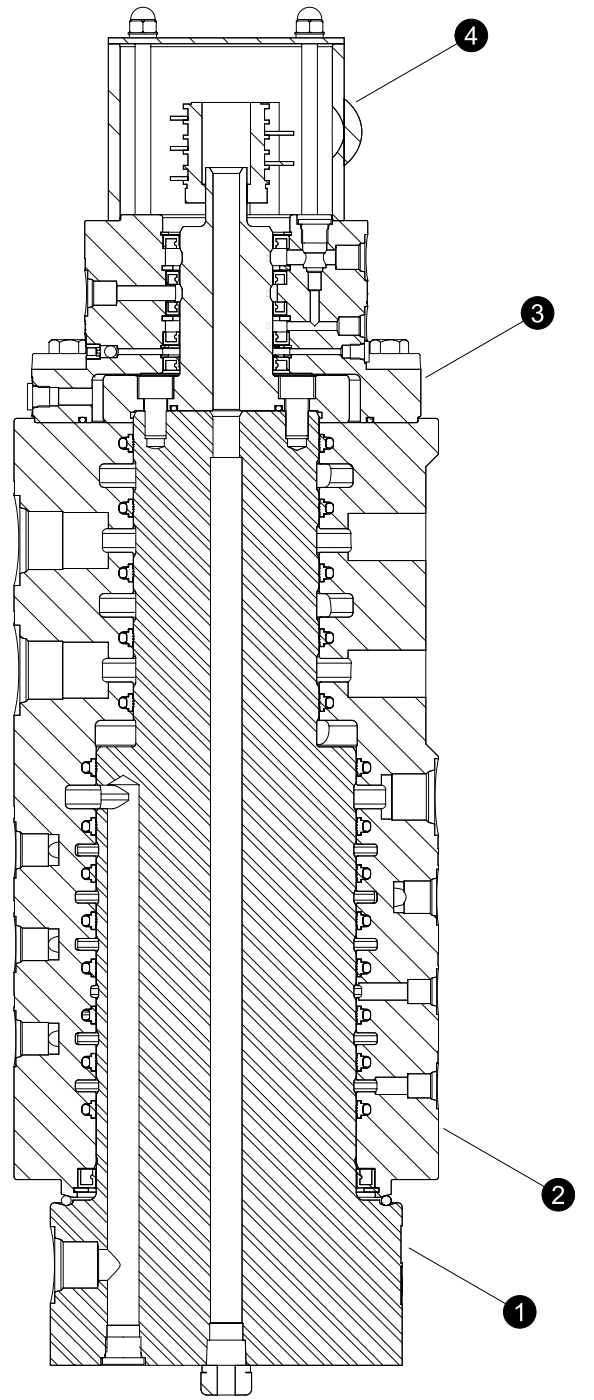
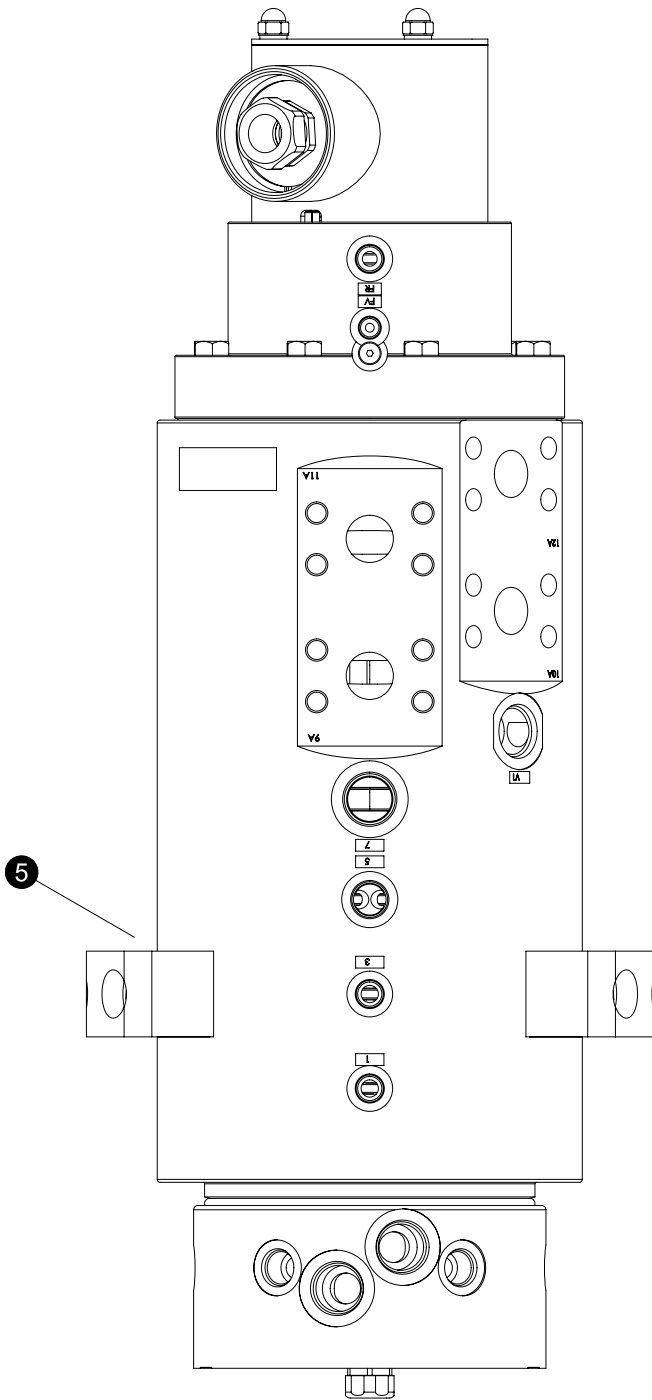
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10802-UP	16	WASHER, FLAT - .375"	
2	10813-UP	16	NUT, LOCK - .375"	
3	REF	1	DOOR, GULLWING	UP-1
4	10835-UP	2	BOLT - .5" X 4.5"	
5	15534-UP	4	WASHER, SAE FLAT - .5"	
6	51702-UP	2	ISOLATOR, GULLWING MOUNTING	
7	15524-UP	2	WASHER, ISOLATOR MOUNT - .625" X 3.5"	
8	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.



Parts T3712 09/08
18.75

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

(HYDRA DYNE ROTARY MANIFOLD)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52810-UP	1	☐ MANIFOLD, ROTARY - 14 PORT TRACK	
1	TP1414001	1	SPOOL, ROTARY -	
2	TP1414002	1	BARREL, 14 PASS ROTARY -	
3				
4	S08XN05HDT1	1	ELECTRIC SLIP RING - 7 contact with CAN	
5		2	MOUNTING PLATE - HD1214003	
-		8	BOLT, Allen M16 X 40mm (for mounting plate)	
-	53695-UP	1	⌘ KIT, SEAL REPAIR - ROTARY MAN - 52810	



See reference page for component or assembly breakdown.

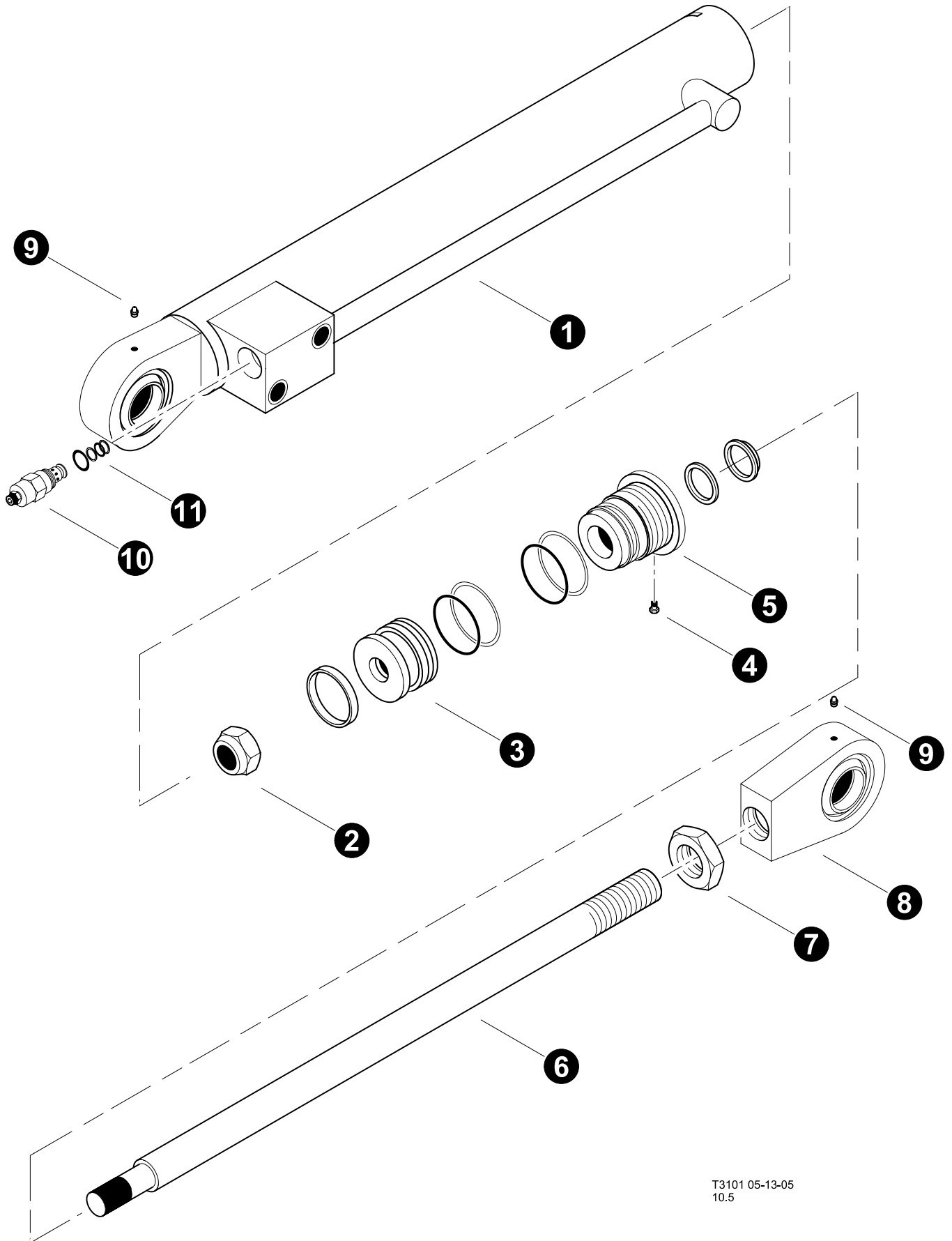


Kit or Assembly - includes all items indented underneath.



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.

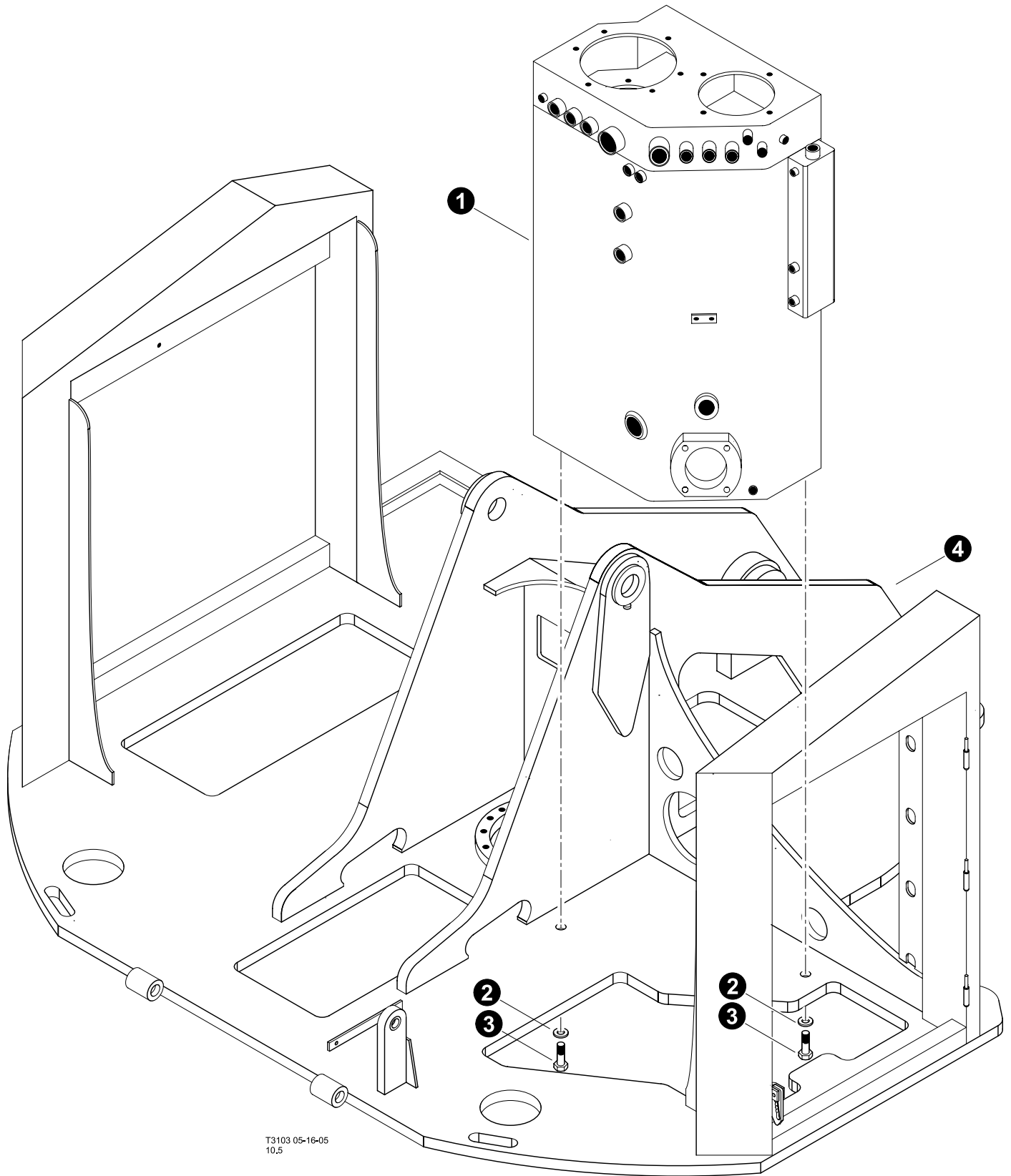


Kit or Assembly - includes all items indented underneath.

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



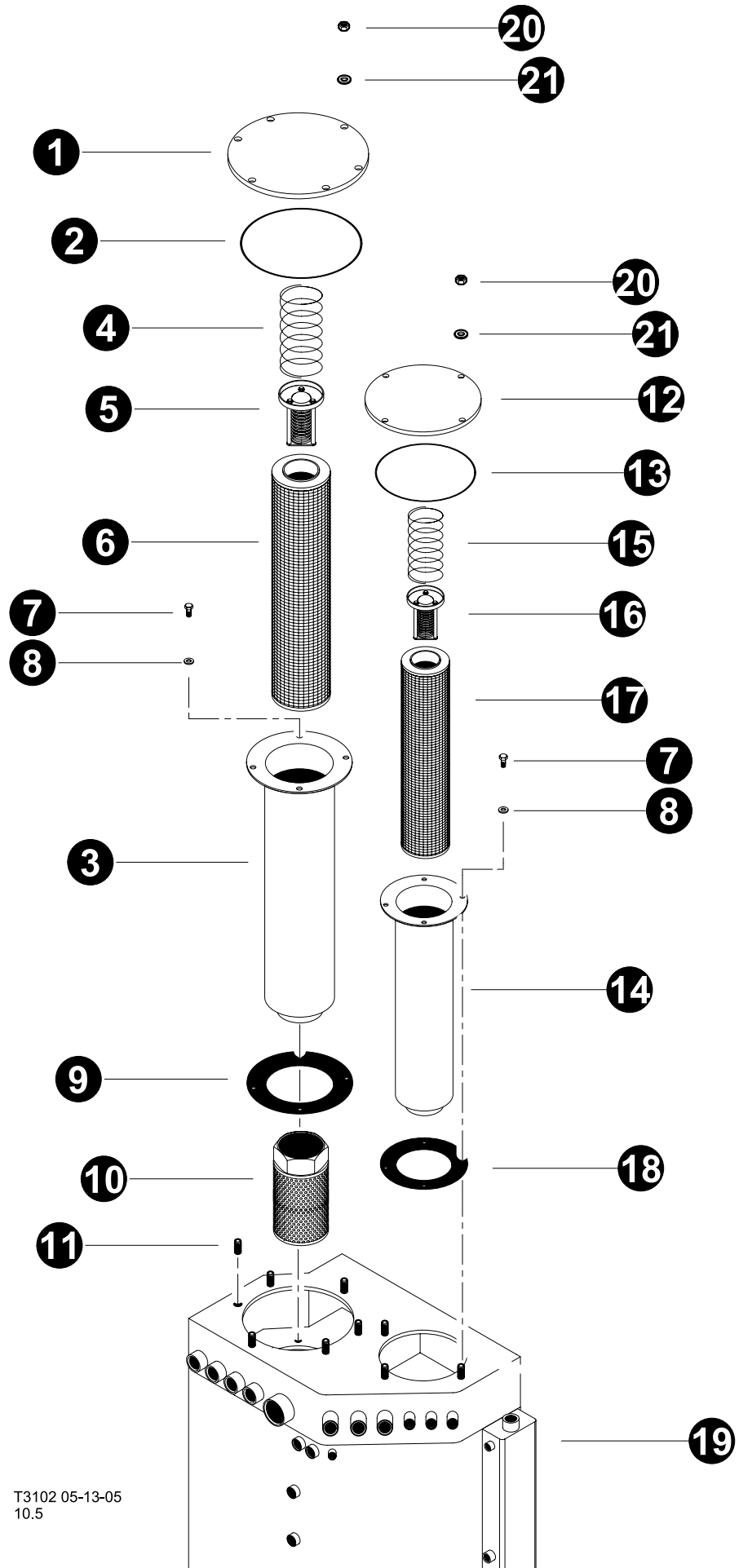
T3103 05-16-05
10.5

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.

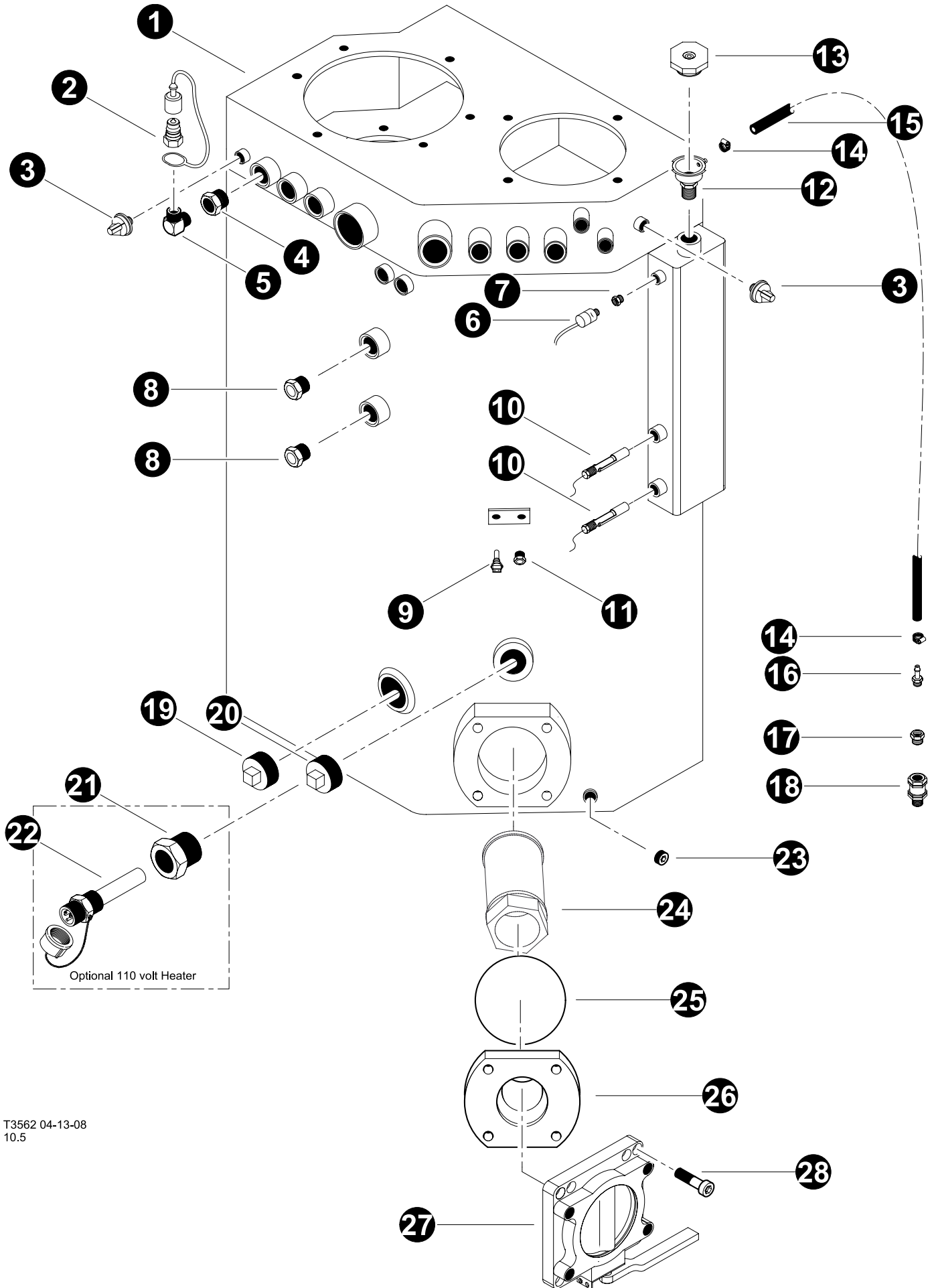


T3102 05-13-05
10.5

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






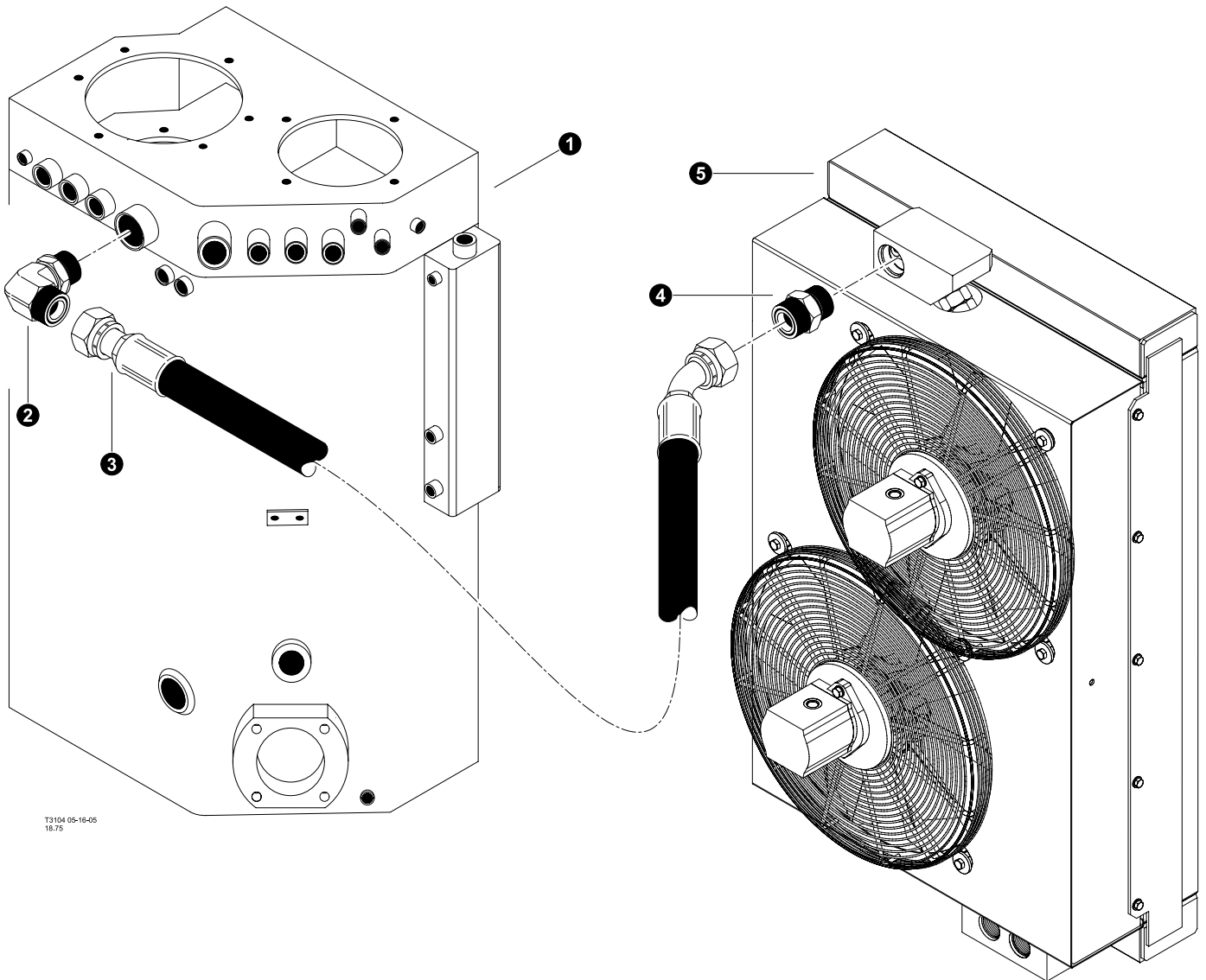
T3562 04-13-08
10.5

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

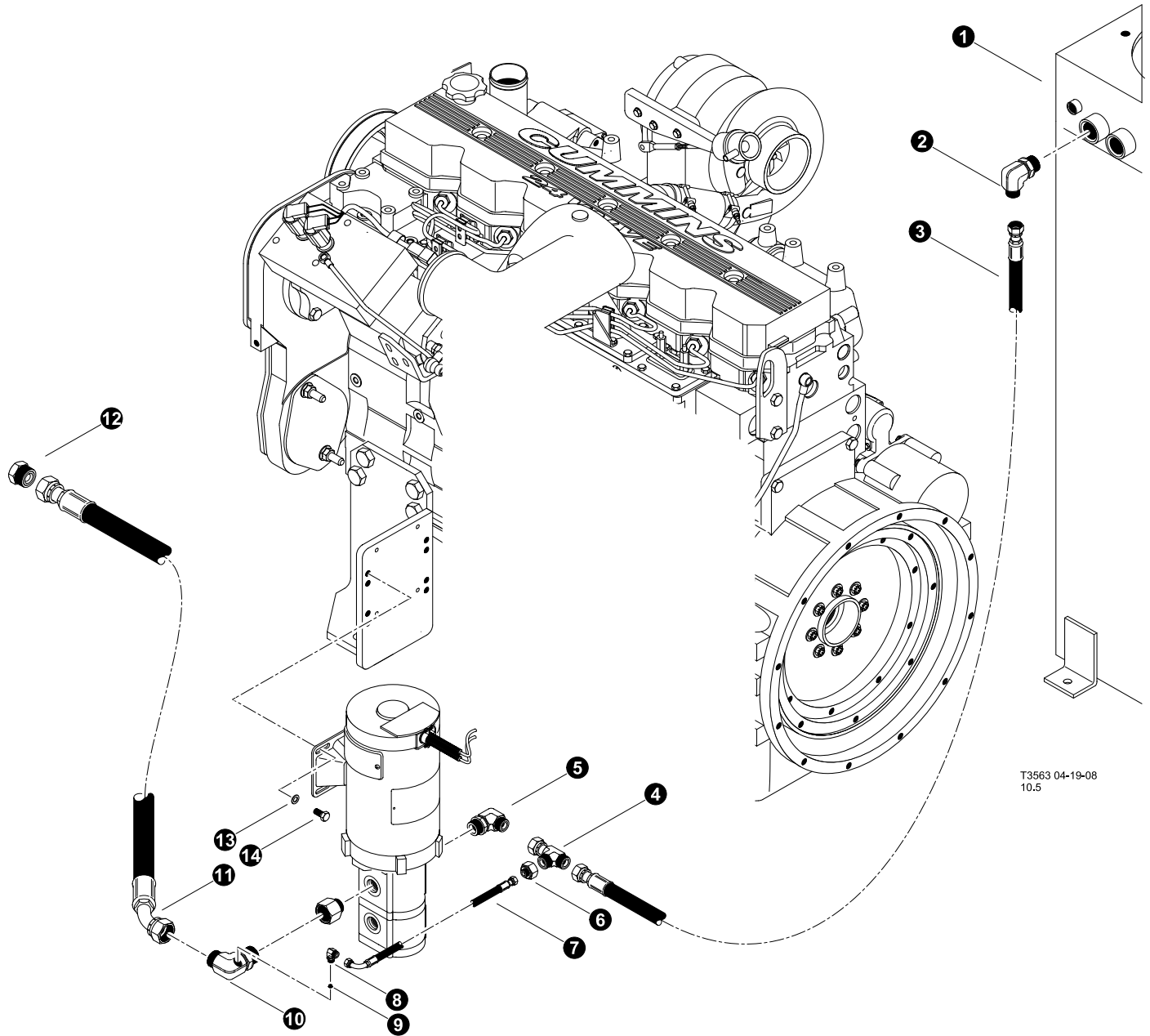
HYDRAULIC TANK

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.






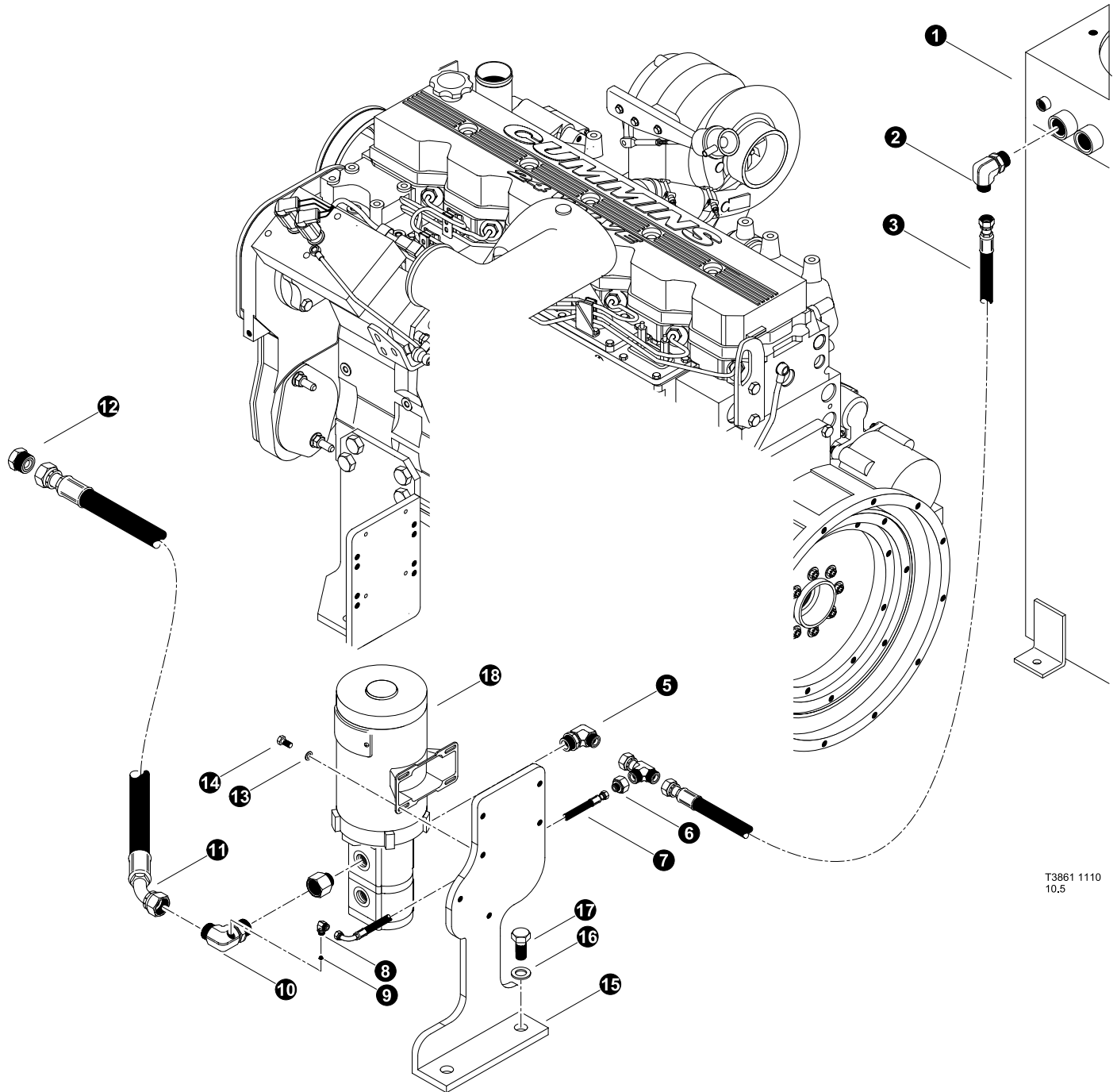
T3563 04-19-08
10.5

HYDRAULIC TANK
(Standard Hydraulic Tank Fill Pump System)

SN 0073 and 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 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



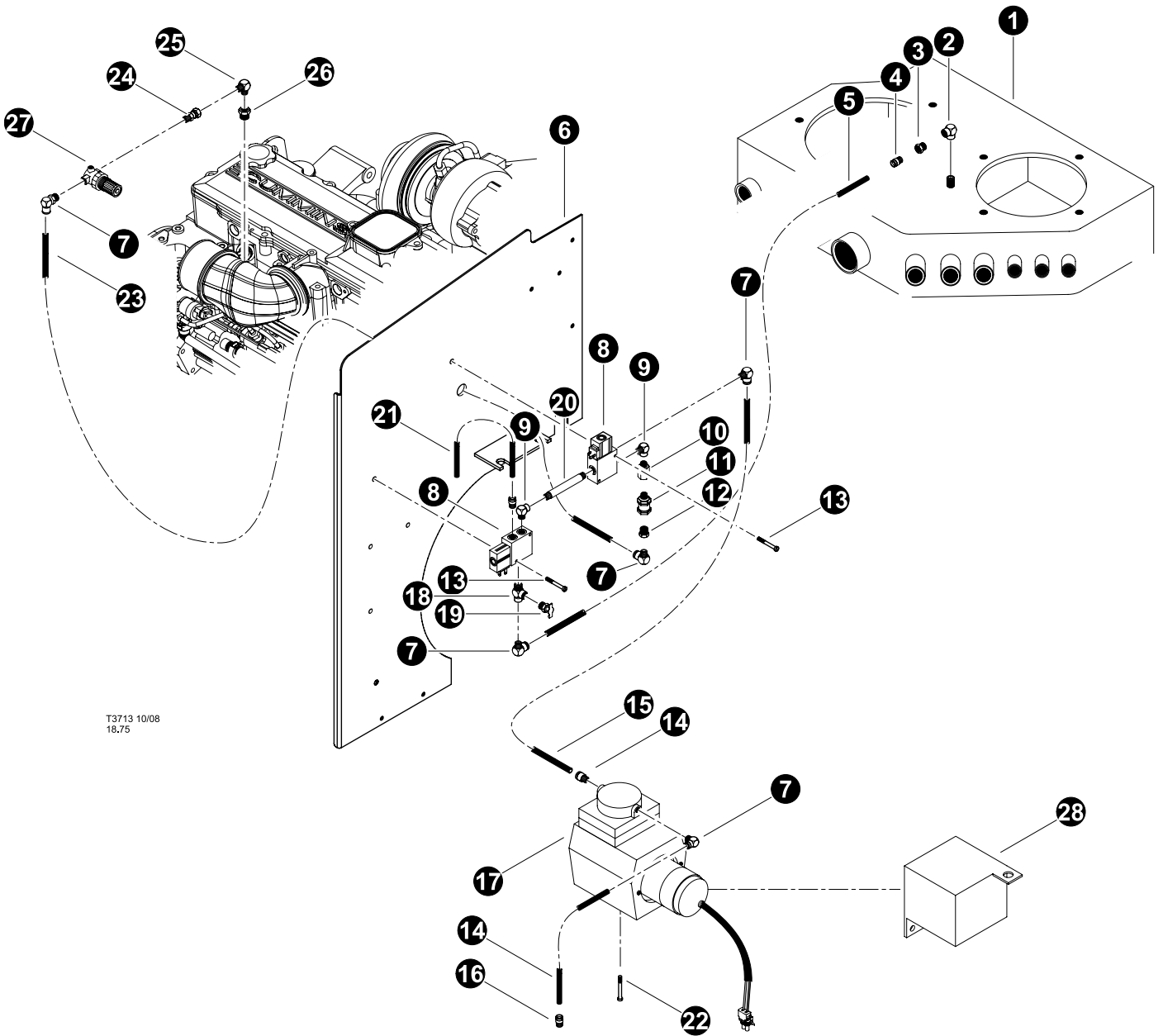
See reference page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.












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

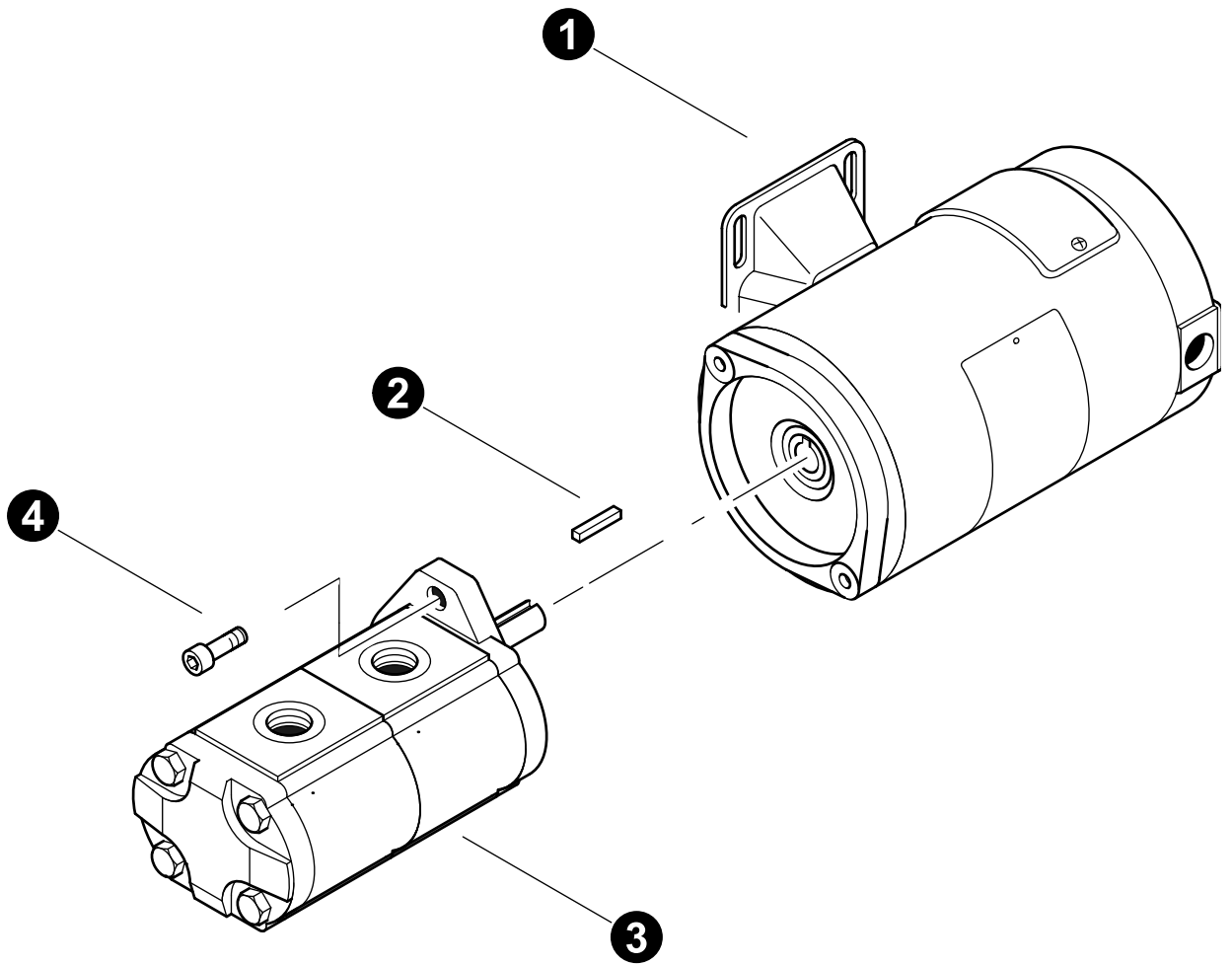


T3713 10/08
18.75

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	51922-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"	



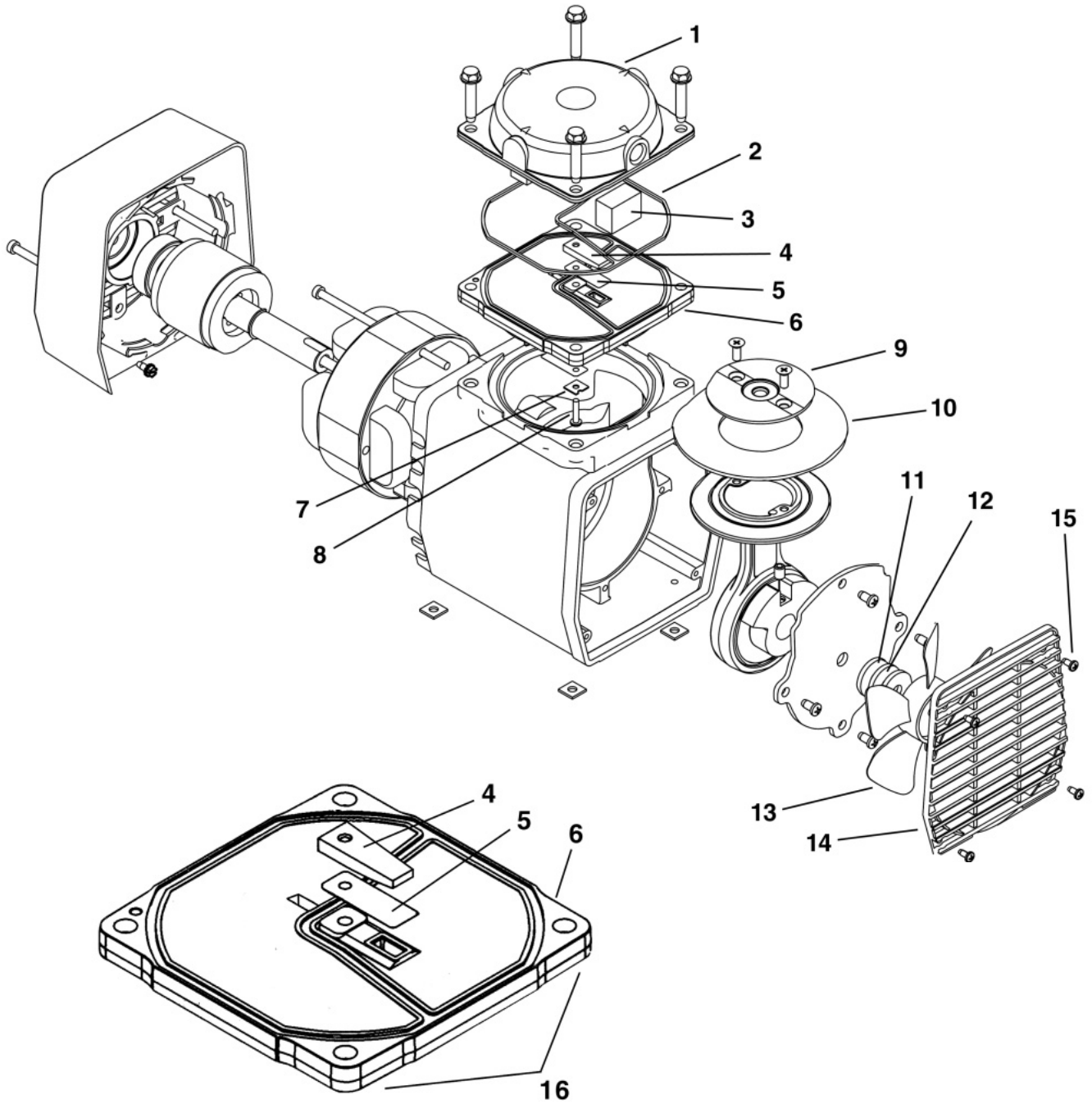
See reference page for component or assembly breakdown.



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.



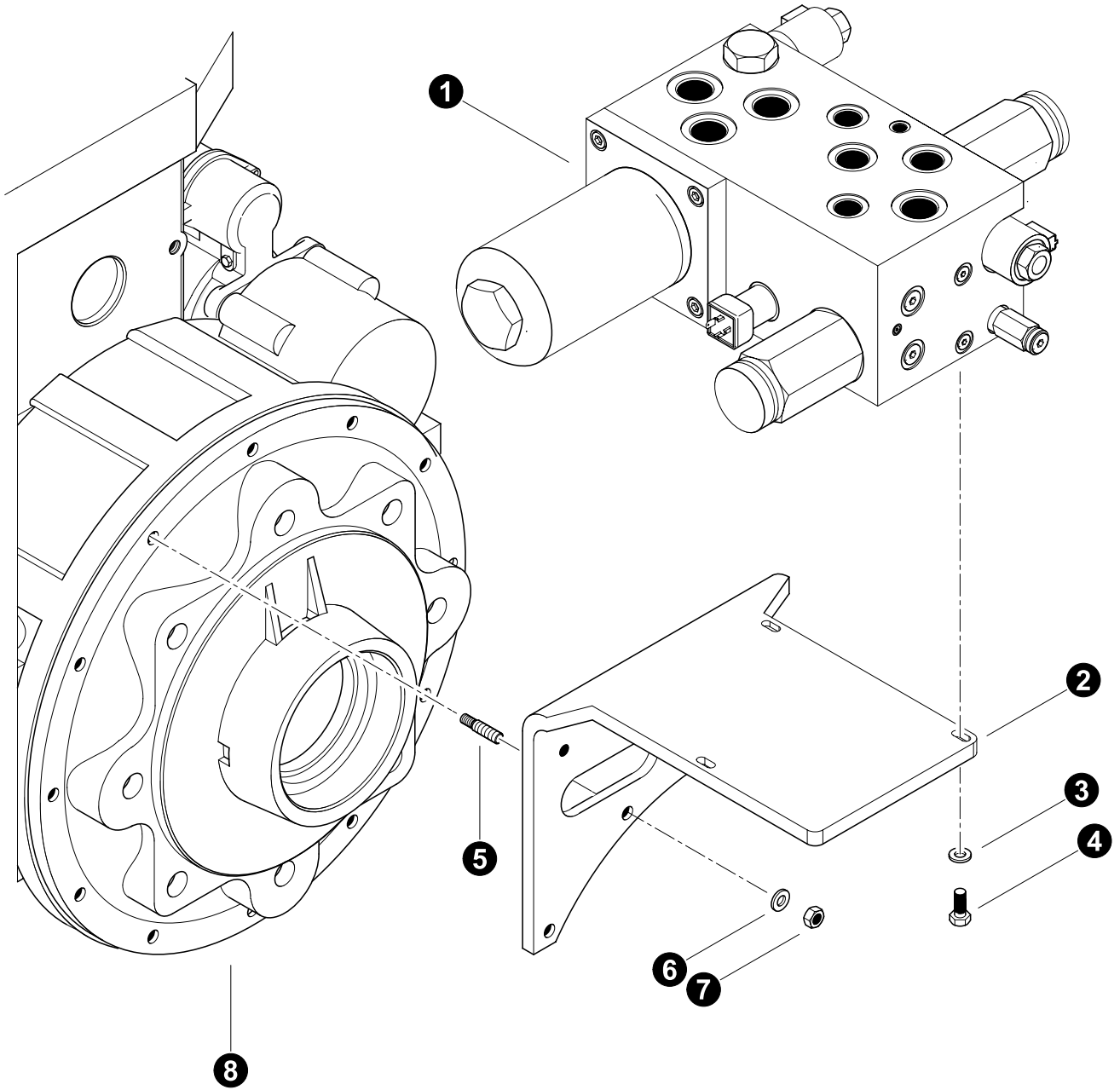
Kit or Assembly - includes all items indented underneath.



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

Section UP-3

Upper Turntable - Radiator and Oil Cooler Fan Drive System



Parts T3714 10/08
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	52515-UP	1	BRACKET, CHARGE/FAN VALVE	
3	15528-UP	3	WASHER, SAE FLAT - .375"	
4	11707-UP	3	BOLT - .375" X 1"	
5	15531-EE	3	STUD, threaded - 10mm x 45mm (<i>See Note #1 below</i>)	
6	15528-EE	3	WASHER, SAE flat - 3/8"	
7	15530-EE	3	NUT, hex - 10mm (<i>See Note #2 below</i>) (Torque to 40 ft.lbs. (53 Nm))	
8	REF	1	PUMP DRIVE TRANSMISSION	EE-4

 See referenced page for component or assembly breakdown.

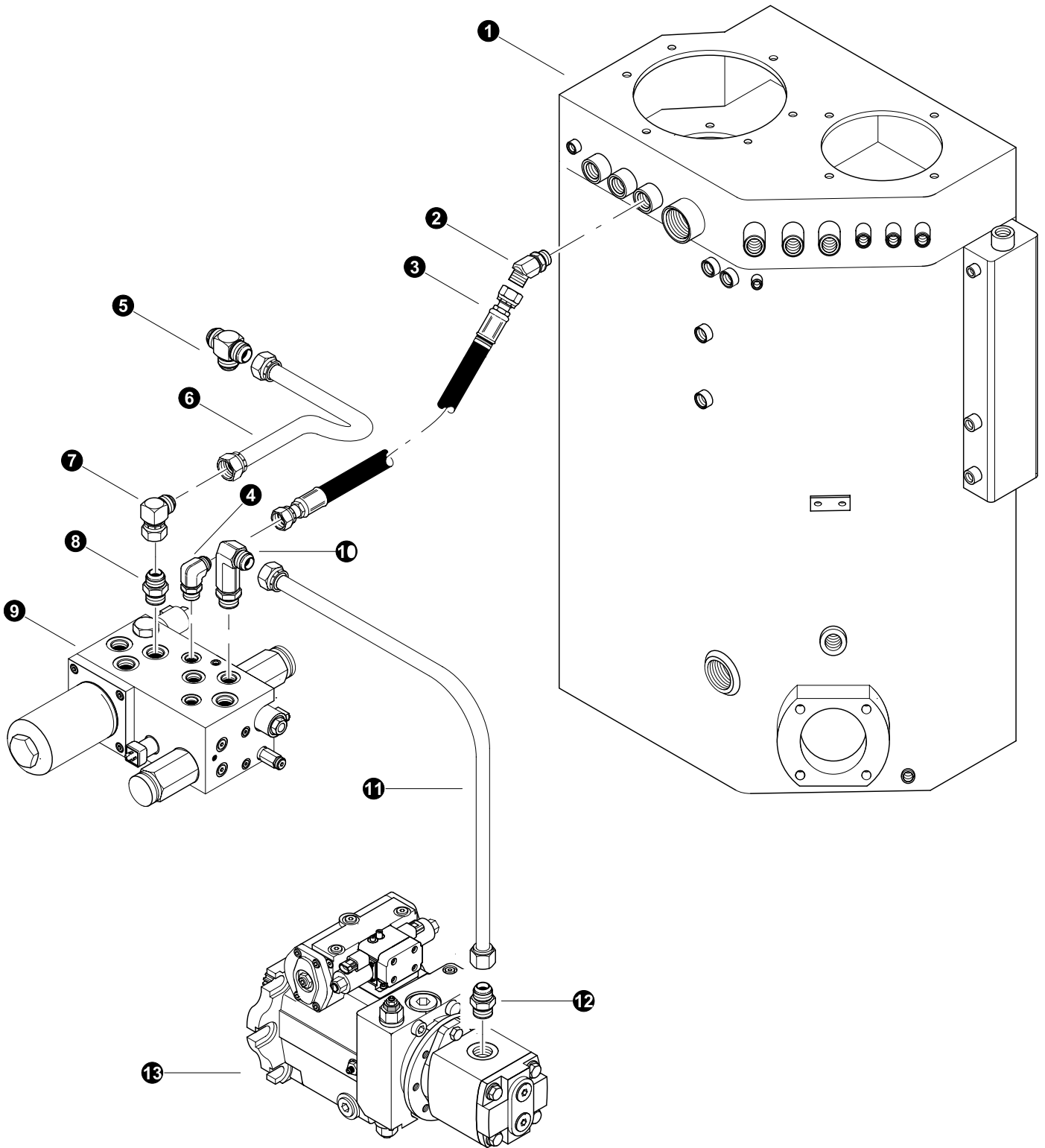
Kit or Assembly - includes all items indented underneath.

Note #1:

Use Loctite 271 (*red*) during installation.

Note #2:

Use Loctite 272 (*blue*) during installation.



Parts T3415 10/08
18.75

RADIATOR AND COOLER FAN CIRCUIT

Fan Drive Pressure and Tank Connections

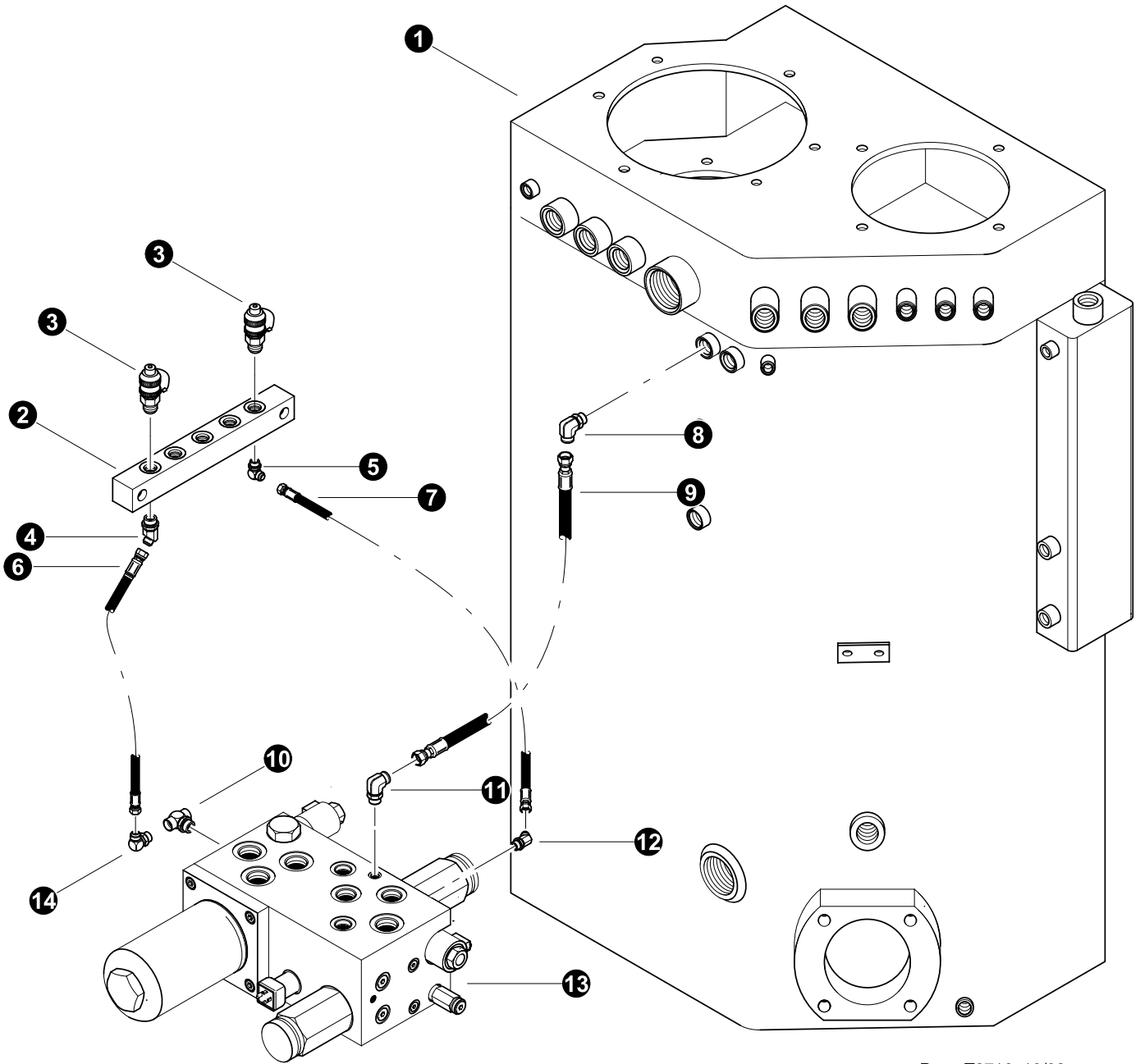
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	19127-UP	1	ELBOW, 45 - FF2068T-1212S	
3	-UP	1	HOSE ASSEMBLY - 2136 12 12OS 1204 (T2 port to Hyd Tank Return)	
4	15484-UP	1	ELBOW, 90 - 16 C5OX-S	
5	52970-UP	1	TEE, UNION - 16 JTXO	
6	53128-UP	1	TUBELINE, CHARGE/FAN MANIFOLD '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	53129-UP	1	TUBELINE, CHARGE PUMP - Track Machine	
12	15498-UP	1	CONNECTOR, STR - 6400-16-20	
13	REF	1	TRACK DRIVE CHARGE PUMP.....	WD-3



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3716 10/08
18.75

RADIATOR AND COOLER FAN CIRCUIT

Fan Drive Gauge and Drain Connections

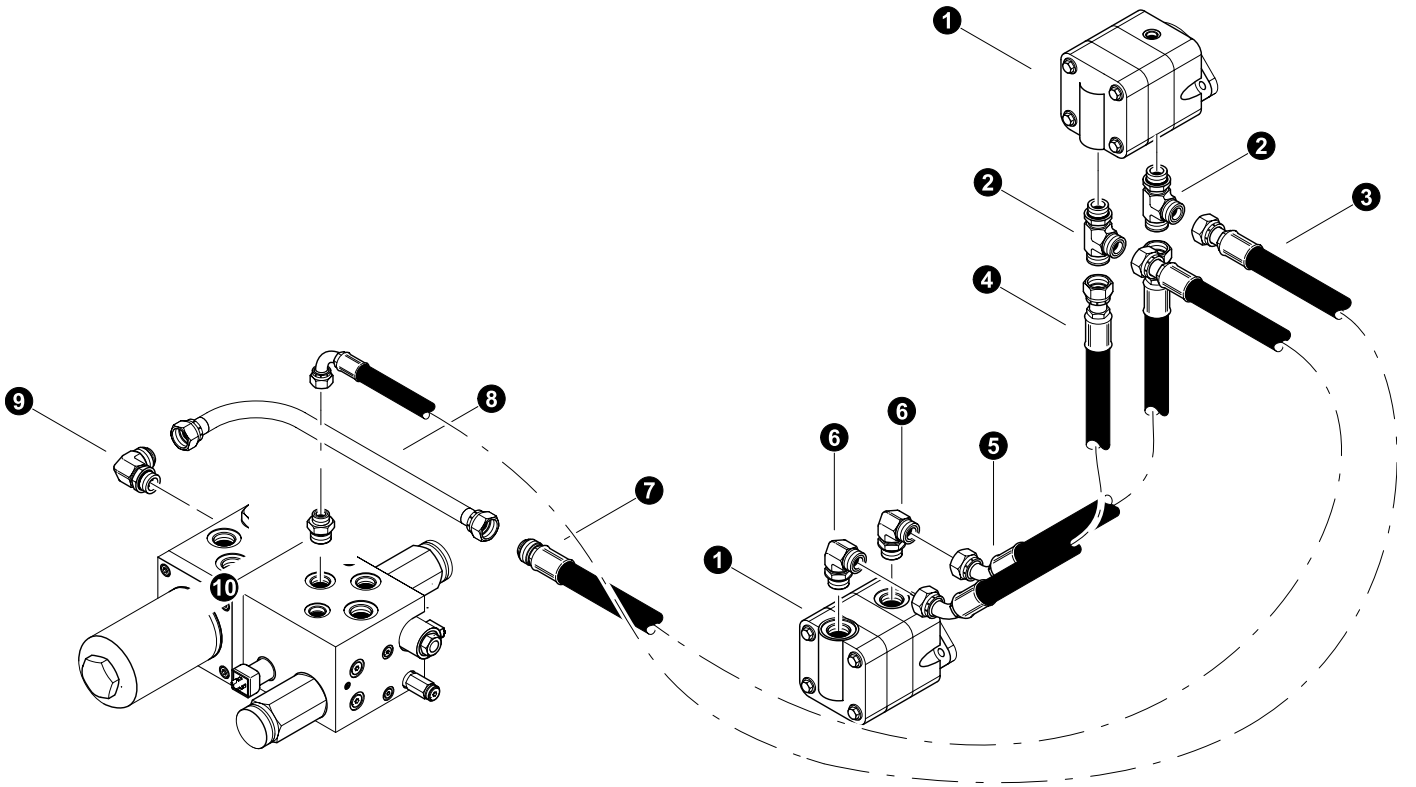
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	22287-UP	1	MANIFOLD, PRESSURE CHECK	
3	16037-UP	2	Gauge Tap 1/4" Sae	
4	51884-UP	1	ELBOW, 45 - (4 V50X-S)	
5	51931-UP	1	ELBOW, 90 - 4-6 C50X-S (JIC)	
6	-UP	1	HOSE ASSEMBLY - 2008 02 04JS 04JS	
7	-UP	1	HOSE ASSEMBLY - 2015 02 04JS 04JS	
8	20031-UP	1	ELBOW, 90 - 6-8 C5OLO-S	
9	-UP	1	HOSE ASSEMBLY - 2022 06 06OS 06OS.....	
10	24293-UP	1	TEE - 4-G5G5JAO-S	
11	16296-UP	1	ELBOW, 90 - FF1868T-0606S	
12	51884-UP	1	ELBOW, 45 - (4 V50X-S)	
13	REF	1	FAN CONTROL MANIFOLD.....	UP-3
14	15480-UP	1	ELBOW, 90 - 6801-6	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3717 10/08
25.00

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

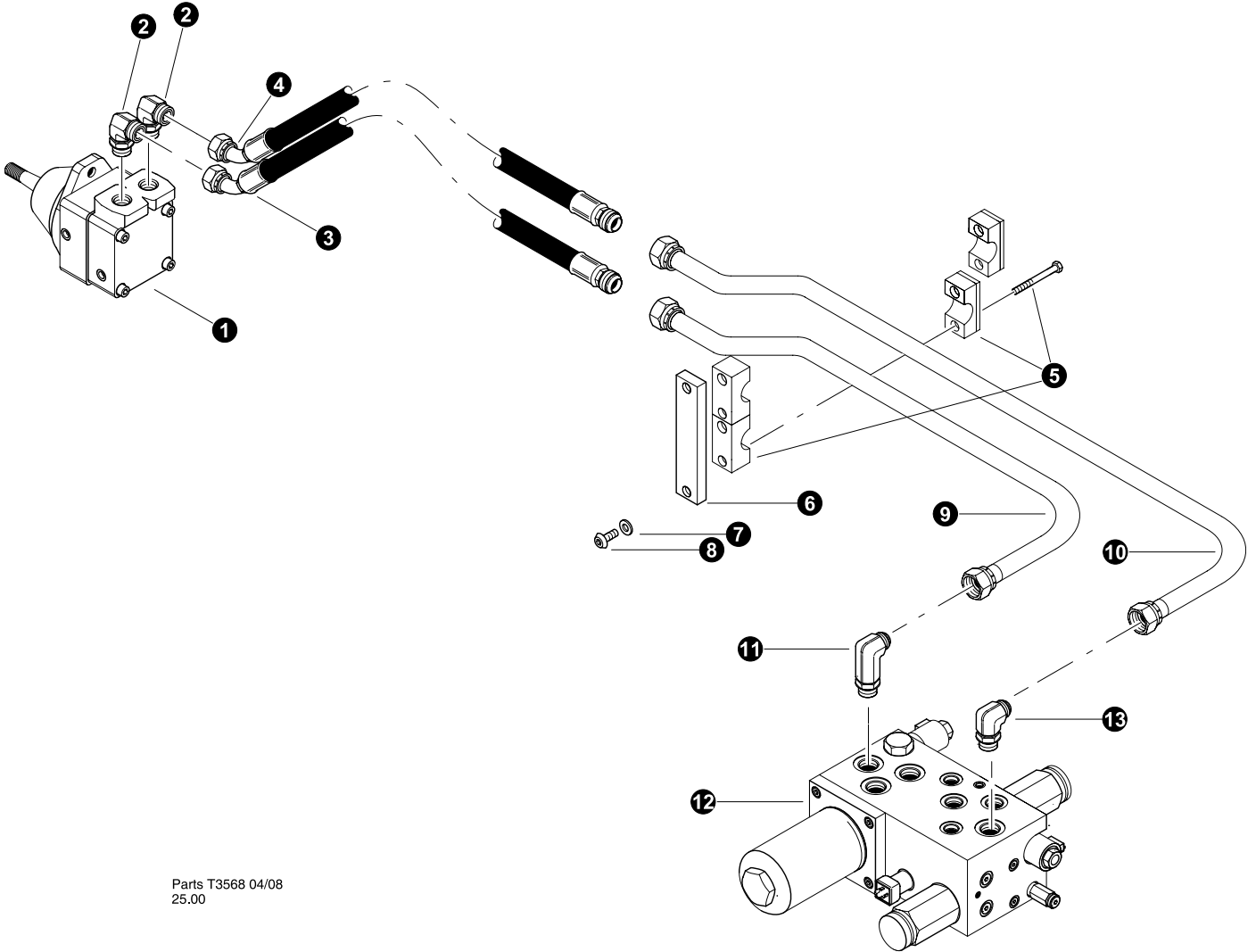
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	2	FAN DRIVE MOTOR	UP-3
2	51969-UP	2	TEE, RUN - 12 R50LO-S	
3	-UP	1	HOSE ASSEMBLY 2033 12 12JS 1209 (HFB port on fan Manifold to Motor Tee)	
4	-UP	1	HOSE ASSEMBLY 2011.5 12 12OS 1204 (Motor to Motor Jumper)	
5	-UP	1	HOSE ASSEMBLY 2011.5 12 12OS 1204 (Motor to Motor Jumper)	
6	17688-UP	2	ELBOW, 90 - FF1868T-1212S	
7	-UP	1	HOSE ASSEMBLY - 2014.5 12 12JS 120S (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	
10	15226-UP	1	CONNECTOR, STR - FF1852T-1216S	



See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



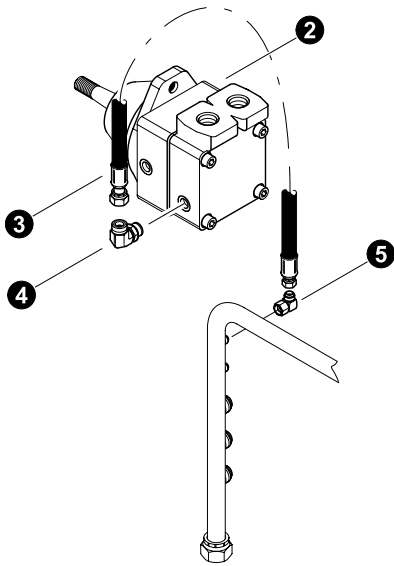
Parts T3568 04/08
25.00

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

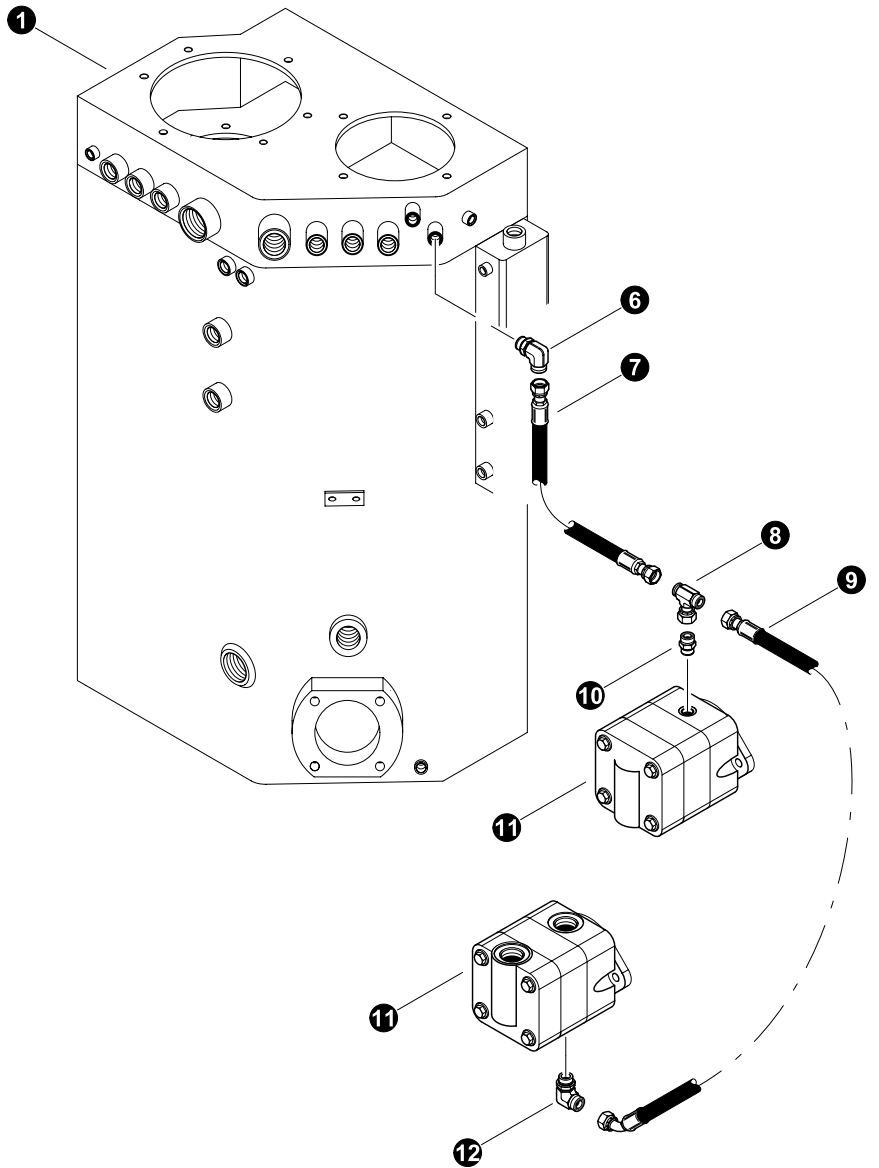
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	2	FAN DRIVE MOTOR	UP-3
2	19128-UP	2	ELBOW, 90 - FF1868T-1216S	
3	-UP	1	HOSE ASSEMBLY 2025 12 12JS 1204 (EFB port bulkhead to radiator fan motor)	
4	-UP	1	HOSE ASSEMBLY 2026 12 12JS 1204 (EFA port bulkhead to radiator fan motor)	
5	52992-UP	2	CLAMP, STEEL TUBELINE - 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



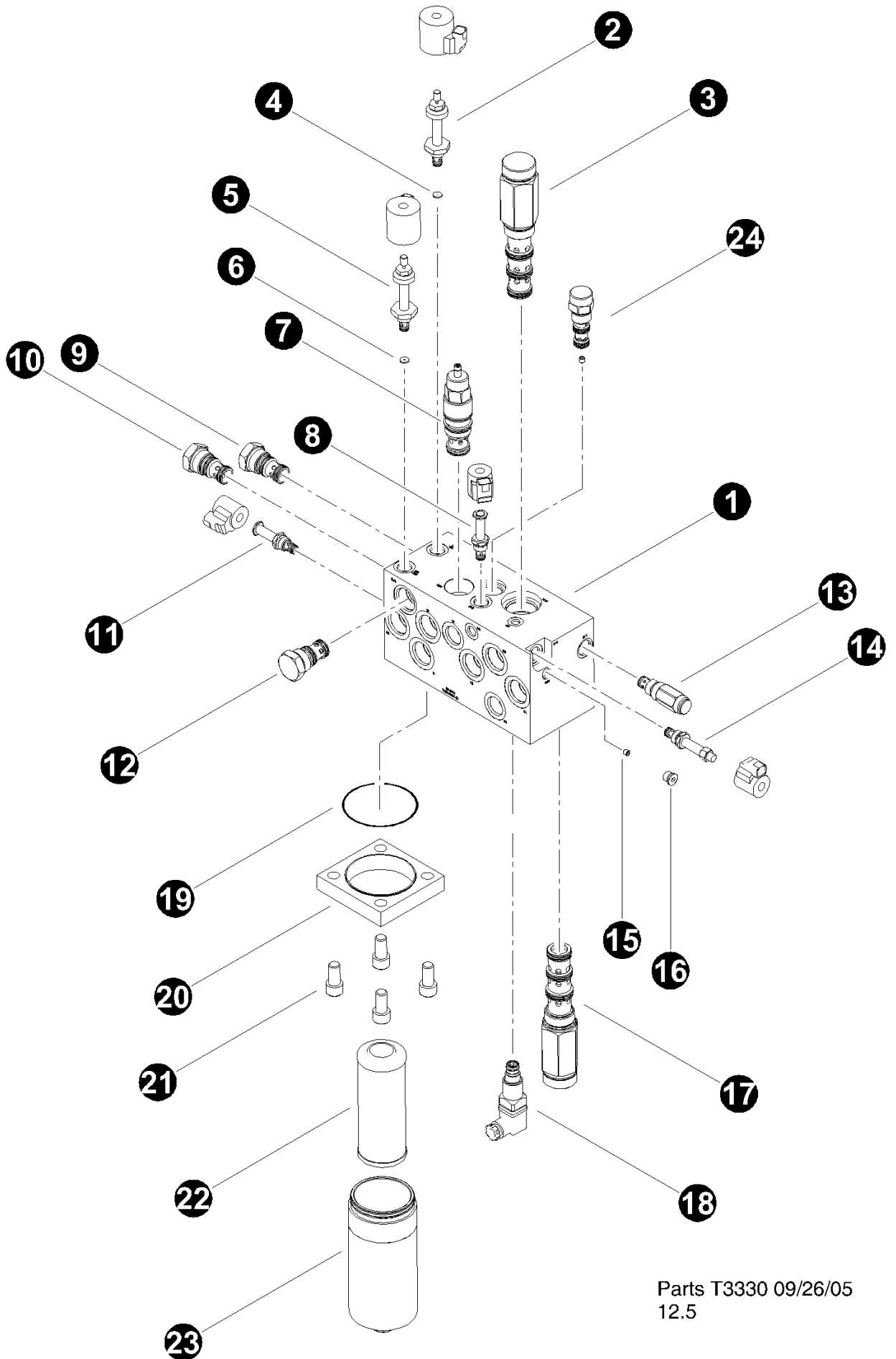
RADIATOR AND COOLER FAN CIRCUIT

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.

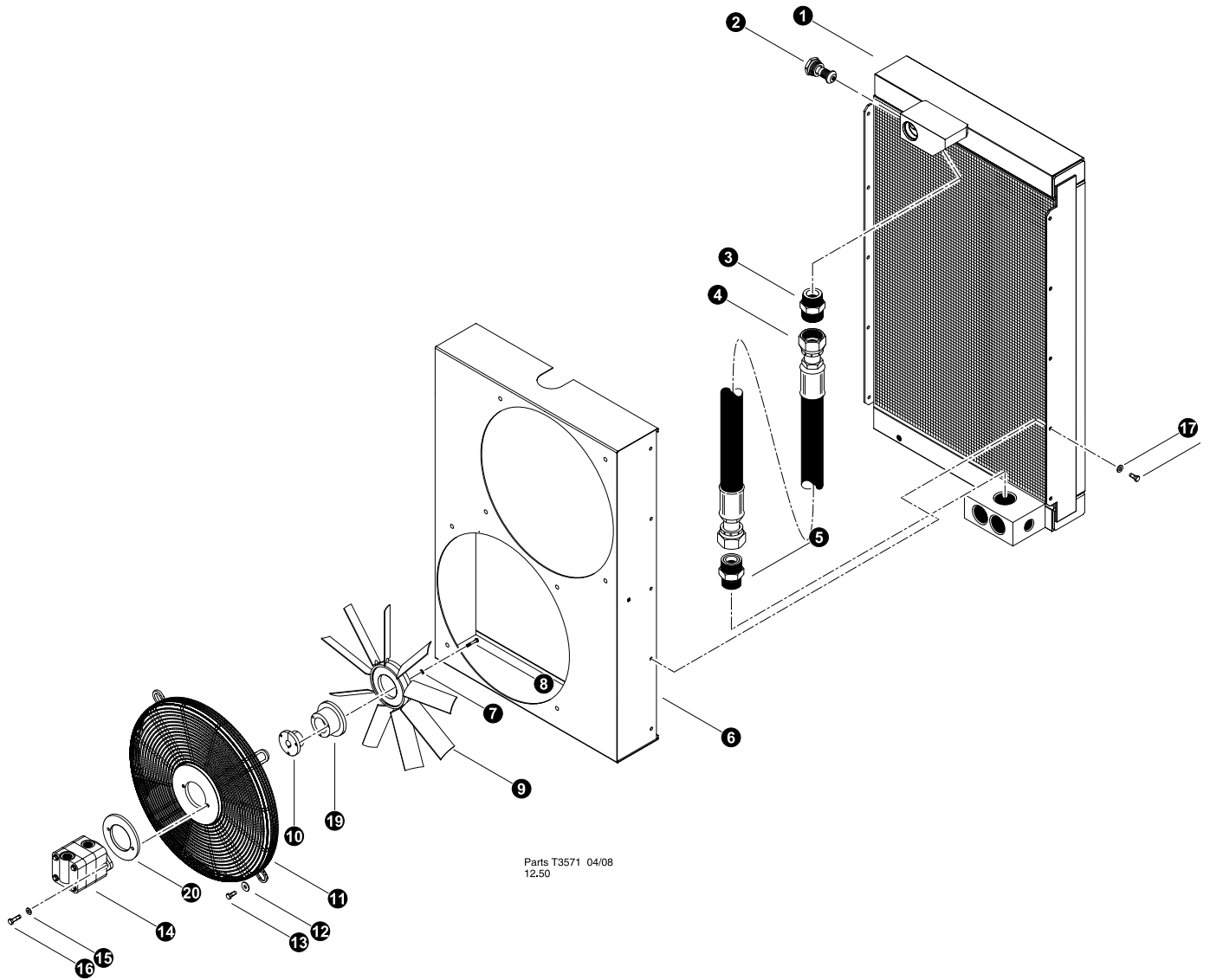


Parts T3330 09/26/05
12.5

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.



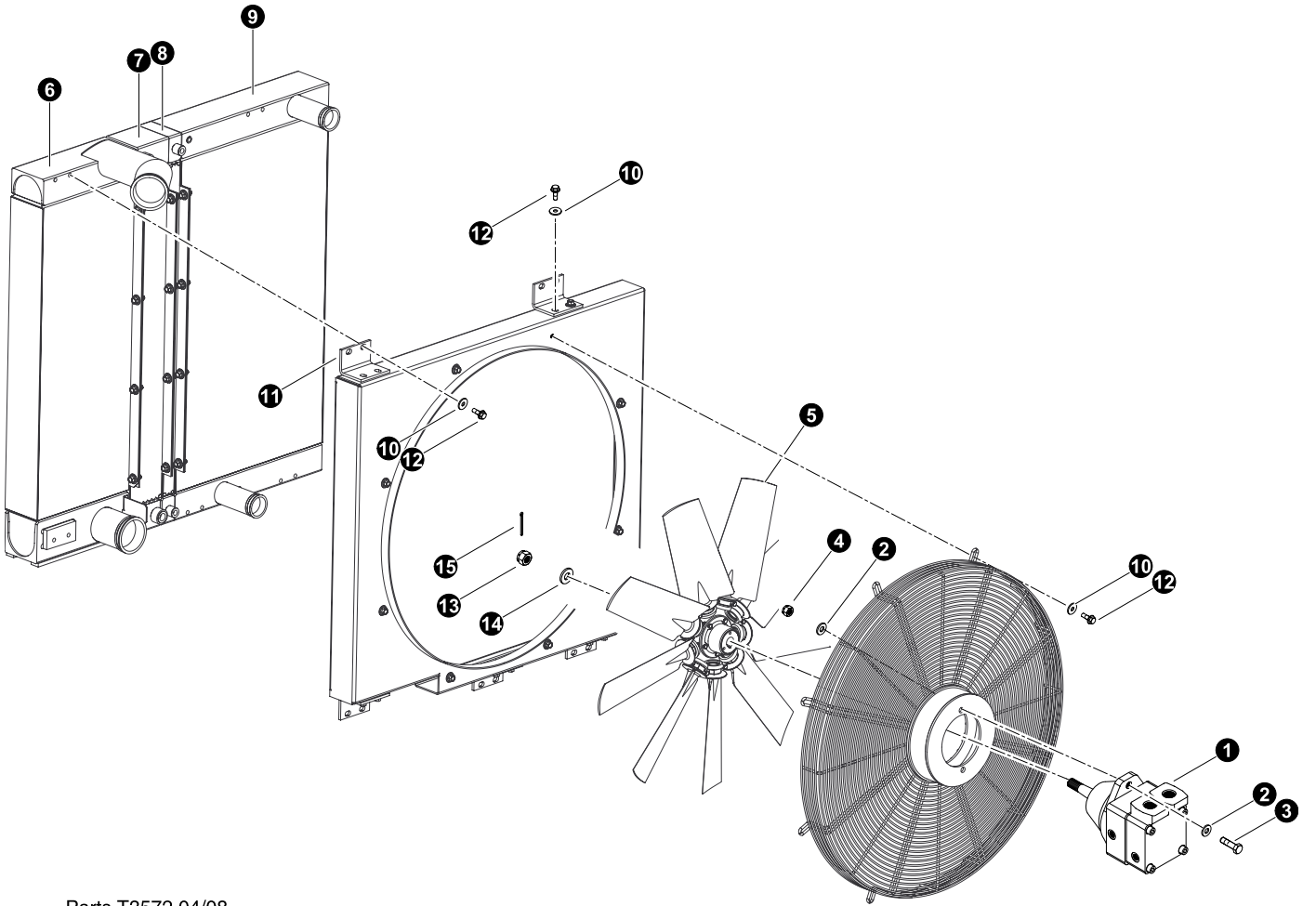
RADIATOR AND COOLER FAN CIRCUIT

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**

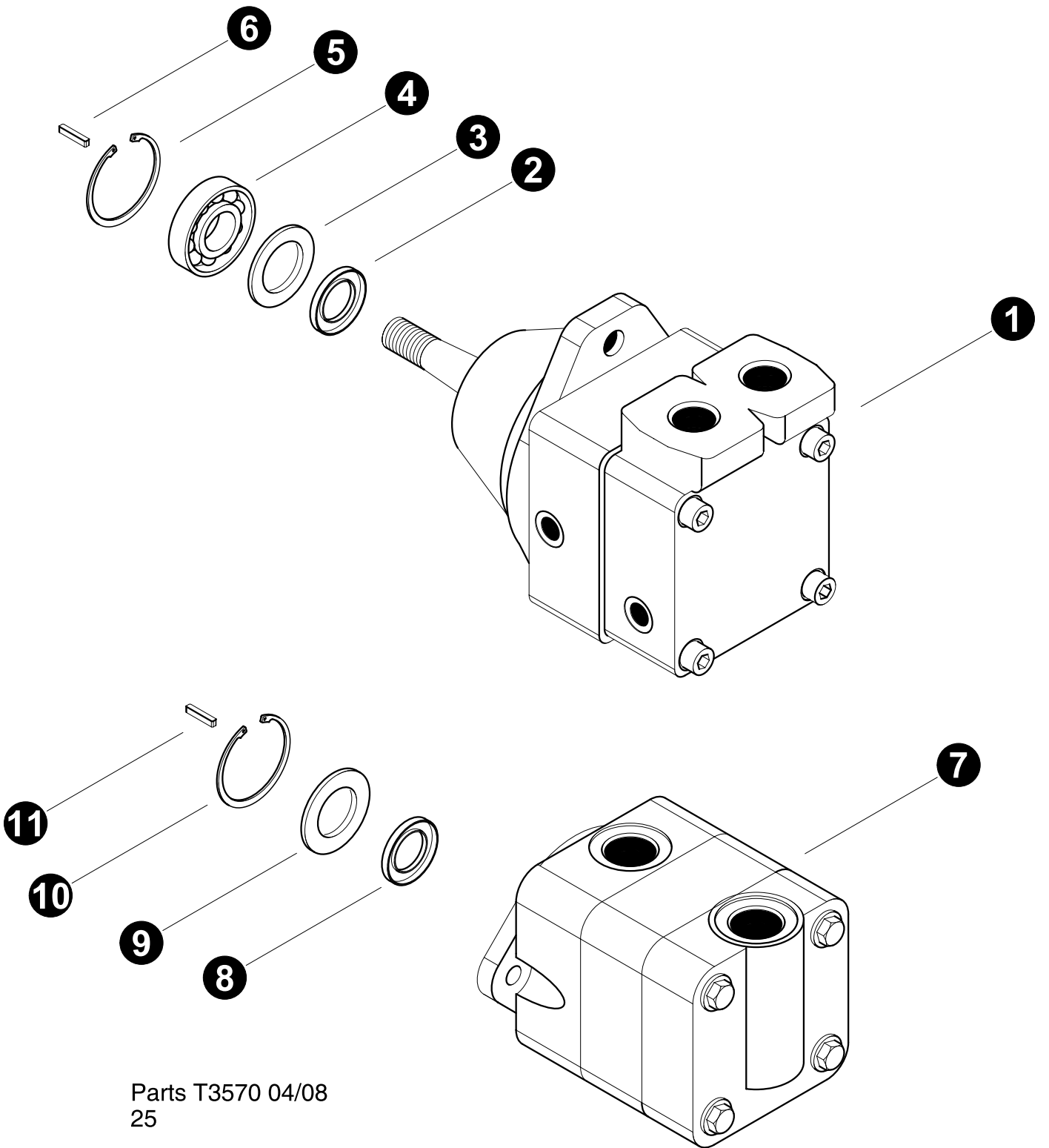
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	MOTOR, RADIATOR FAN	UP-3
2	10736-UP	2	BOLT - .5" X 2"	
3	15534-UP	4	WASHER, SAE FLAT - .5"	
4	10815-UP	2	NUT, LOCK - .5"	
5	53216-UP	1	FAN, ENGINE - AKG RADIATOR	
-	52799-UP	1	<input type="checkbox"/> RADIATOR/CHARGE AIR - HYD DRIVE (AKG)	
6	-UP	1	Charge 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 T3570 04/08
25

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

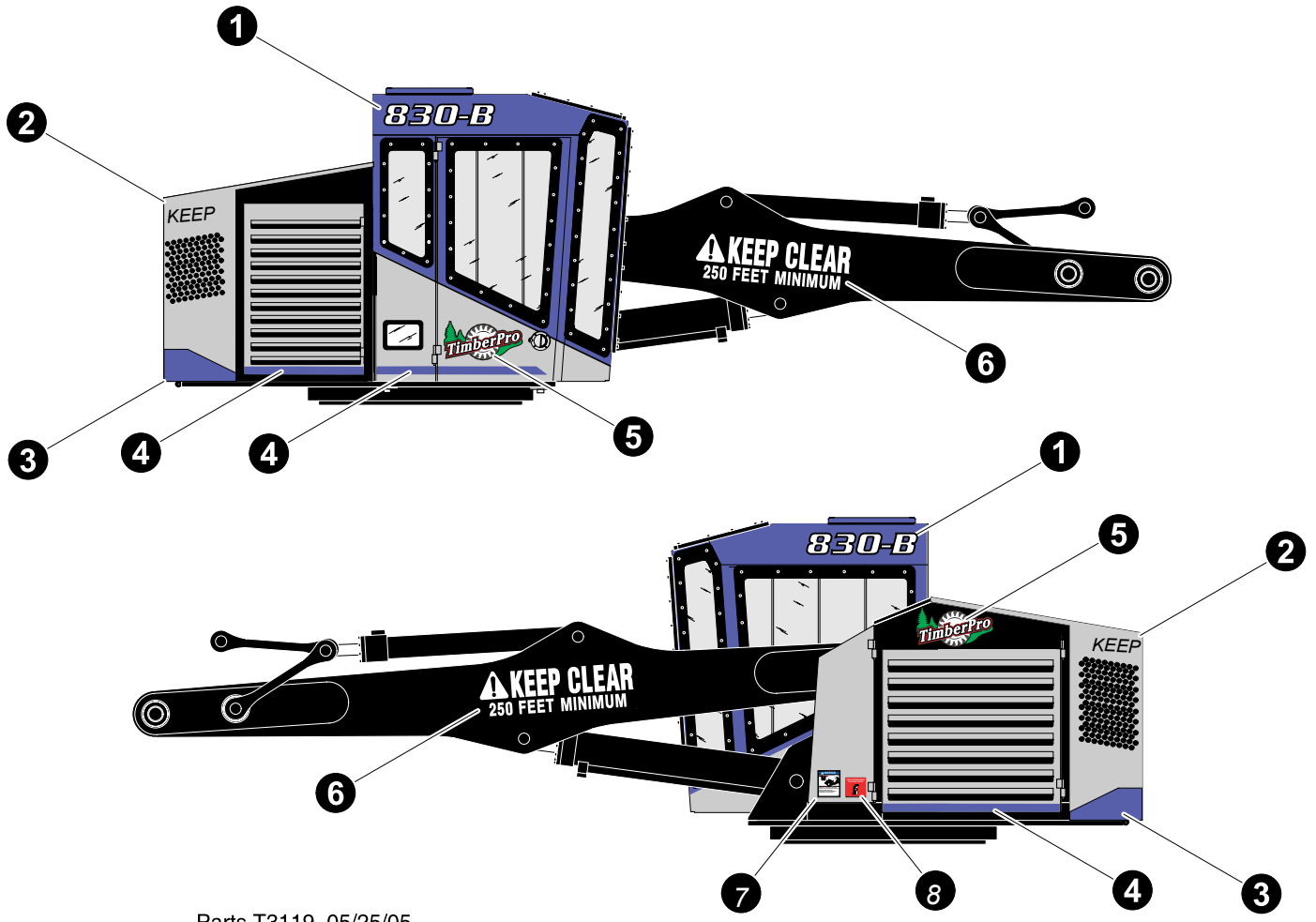
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52979-UP	1	<input type="checkbox"/>	MOTOR, FAN DRIVE - RADIATOR (VANE STYLE)	
2	-UP	1		SEAL, SHAFT - RADIATOR FAN MOTOR	
3		1		RETAINER, SEAL	
4		1		BEARING	
5		1		RING, SNAP	
6		1		KEY -	
7	52875-UP	1	<input type="checkbox"/>	MOTOR, FAN DRIVE - OIL COOLER (VANE STYL	
8	-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	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 PERSONAL 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 Arm - After closing the cabin door press the "System Arm" switch to activate the machines control system. Press again or open the cabin door to deactivate the system.
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 machines 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 Brake" 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 SWITCH BEFORE EVERY USE.

SEE YOUR OPERATOR'S & ATTACHMENT MANUAL FOR SPECIFIC PROCEDURES.

WARNING

DIESEL ENGINE EXHAUST Fumes contain hazardous to your health gases which will ventilate areas.

WARNING

TO PREVENT MACHINE FIRE KEEP AREAS NEAR ENGINE COMPONENTS FREE OF OILS, GREASE, FUEL, CLEAN OILS. KEEP A FIRE EXTINGUISHER NEAR THE OPERATOR'S STATION AND KNOW HOW TO USE IT.

WARNING

SOME ATTACHMENTS CAN CONTACT THE OPERATOR'S CAB.

ALWAYS BE CAREFUL WHEN MOVING CLOSE TO THE MACHINE.

PN 52677

1

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WARNING

SOME ATTACHMENTS CAN CONTACT THE OPERATOR'S CAB.

ALWAYS BE CAREFUL WHEN MOVING CLOSE TO THE MACHINE.

2

WARNING

WHEN FUELING, MAINTENANCE OR REPAIRING, SET ENGINE & ATTACHMENTS TO OFF POSITION AND SHUT DOWN ENGINE.

NEVER OPERATE THE MACHINE WITHOUT DOOR CLOSED AND SEAT BELT FASTENED.

QUALIFIED OPERATORS ONLY. STUDY OPERATOR'S MANUAL. INJURY OR DEATH CAN RESULT FROM UNTRAINED OPERATION.

VACUUM PUMP

HYD TANK VENT

ACC OFF RUN

START

HYDRAULIC TANK

LIGHTS

3



4

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 52673

5

NOTICE

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

PN 52720

6



7

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 52684

8

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 buttons on the ground and shut down engine.
12. Controls should not be changed without written consent from the factory.

OPERATING SAFETY MEASURE®

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 boom 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.

9



10



UPPER TURNTABLE DECALS**CAB DECALS**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52677en-UP	1	DECAL, DASH - Slope Top (TRACK) English	
	52677sp-UP	1	DECAL, DASH - Slope Top (TRACK) Spanish	
	52677fr-UP	1	DECAL, DASH - Slope Top (TRACK) French	
	52677ru-UP	1	DECAL, DASH - Slope Top (TRACK) Russian	
2	53825en-UP	1	DECAL, DASH - FLAT TOP (TRACK) English	
	53825sp-UP	1	DECAL, DASH - FLAT TOP (TRACK) Spanish	
	53825fr-UP	1	DECAL, DASH - FLAT TOP (TRACK) French	
	53825ru-UP	1	DECAL, DASH - FLAT TOP (TRACK) 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# 53755

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# 51597

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

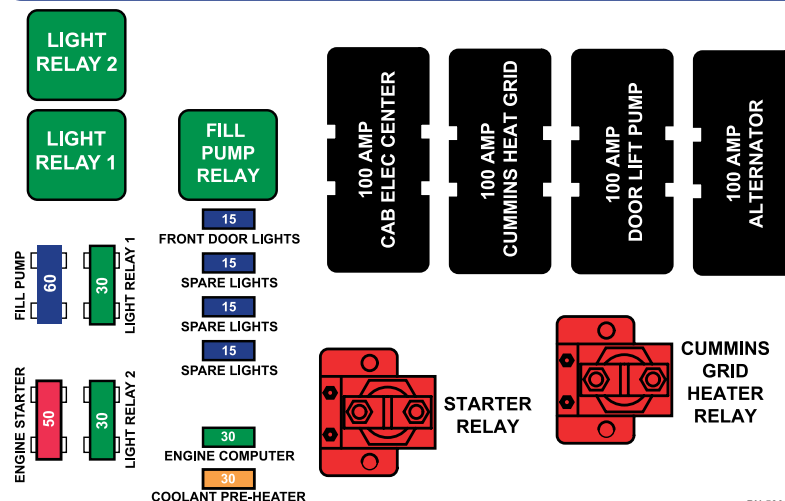
DANGER

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

13

NOTICE

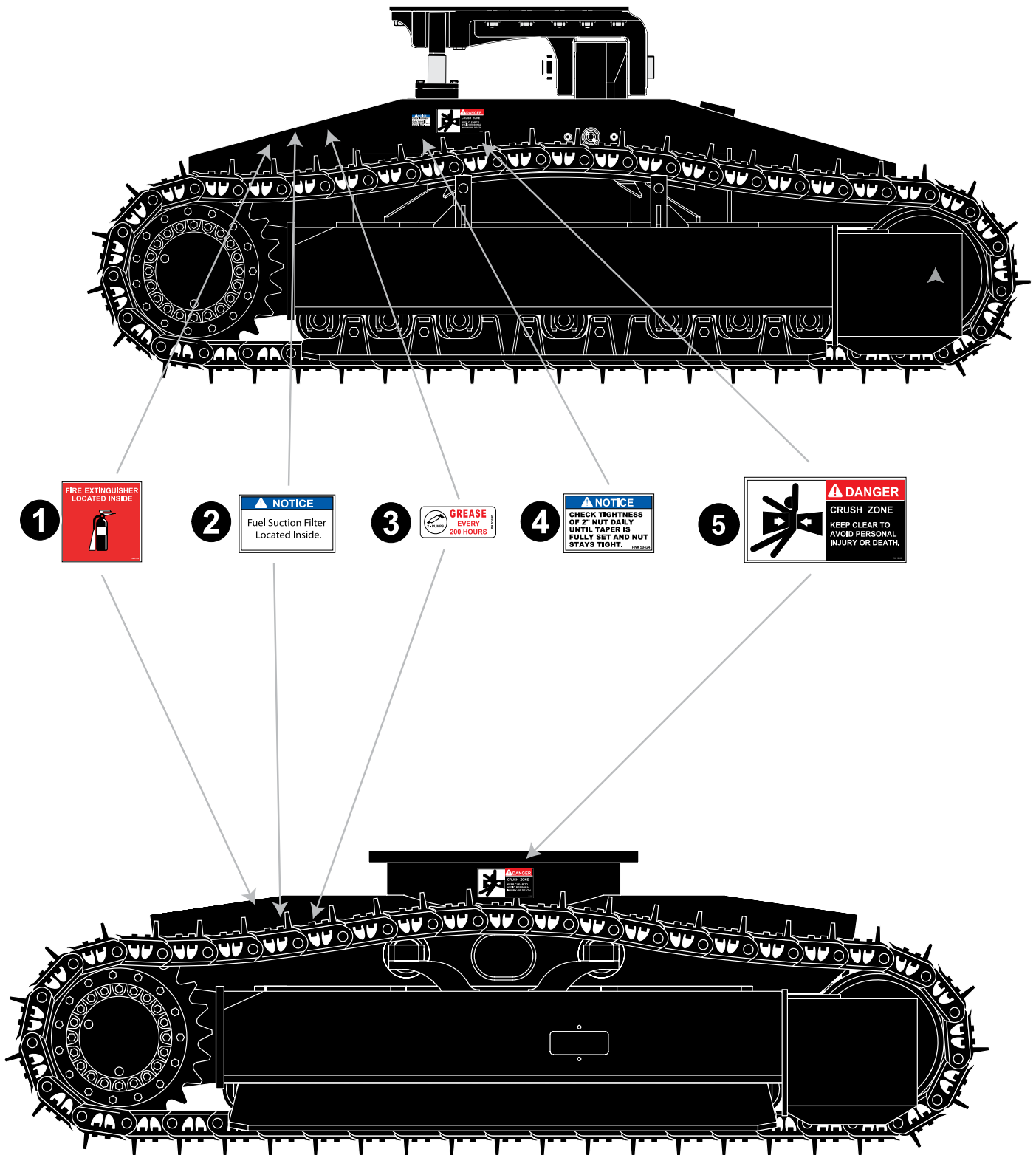
THIS MACHINE IS EQUIPPED WITH A 24-VDC ELECTRICAL SYSTEM. ALWAYS REPLACE FUSE WITH THE ONE THAT IS SPECIFIED.



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	

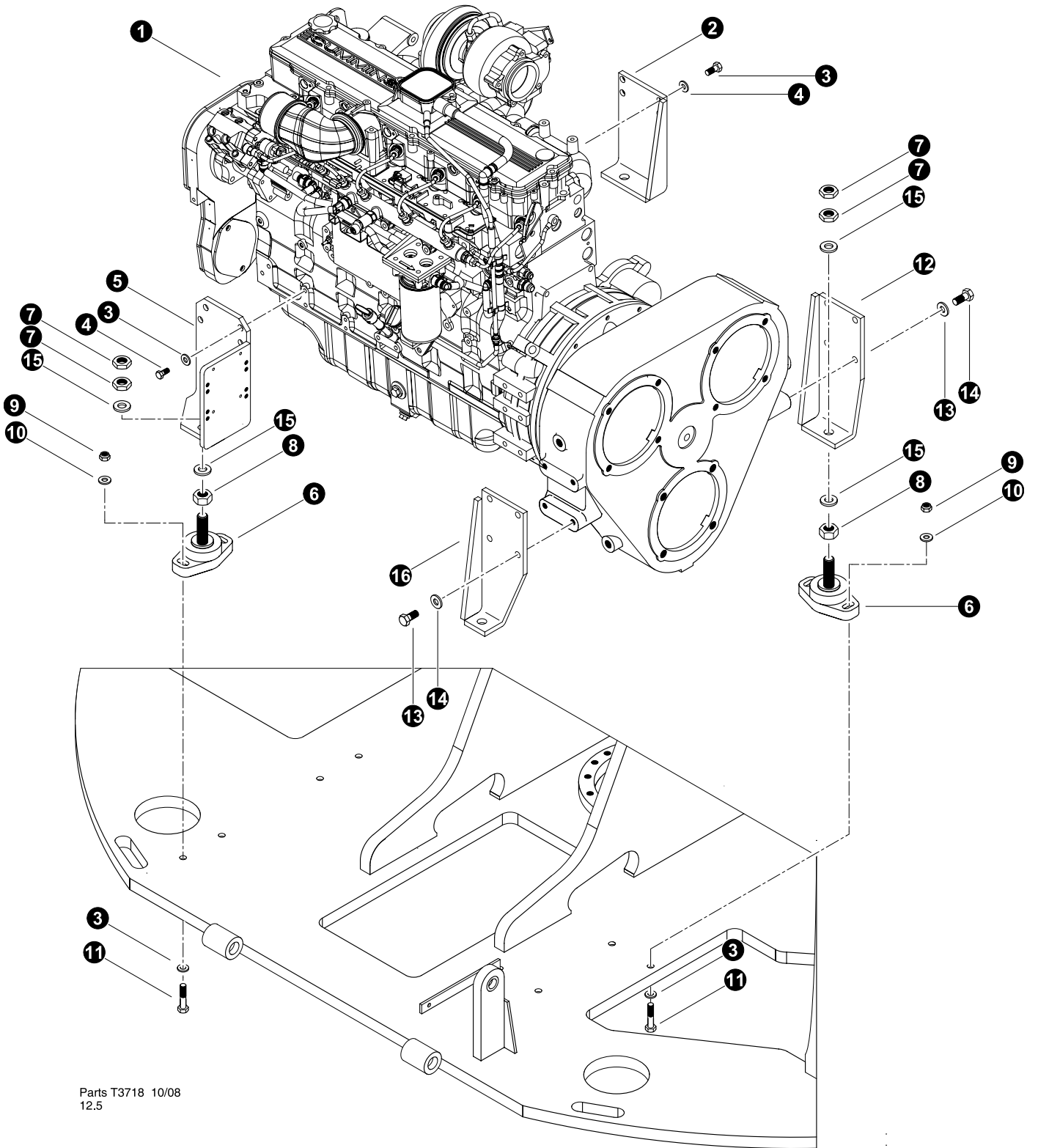


UPPER TURNTABLE DECALS**725B & 735B FRAME DECALS**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51820-UP	1	DECAL, Fire Extinguisher inside	
2	51261-UP	1	DECAL, Fuel Suction Filter location	
3	53690-UP	1	DECAL, 200 Hour Grease Notice	
4	50424-UP	2	DECAL, TORQUE 2" NUT NOTICE	
5	16060-UP	8	DECAL, DANGER CRUSH ZONE	

Section EE-1

Cummins QSC Engine - Installation and Parts



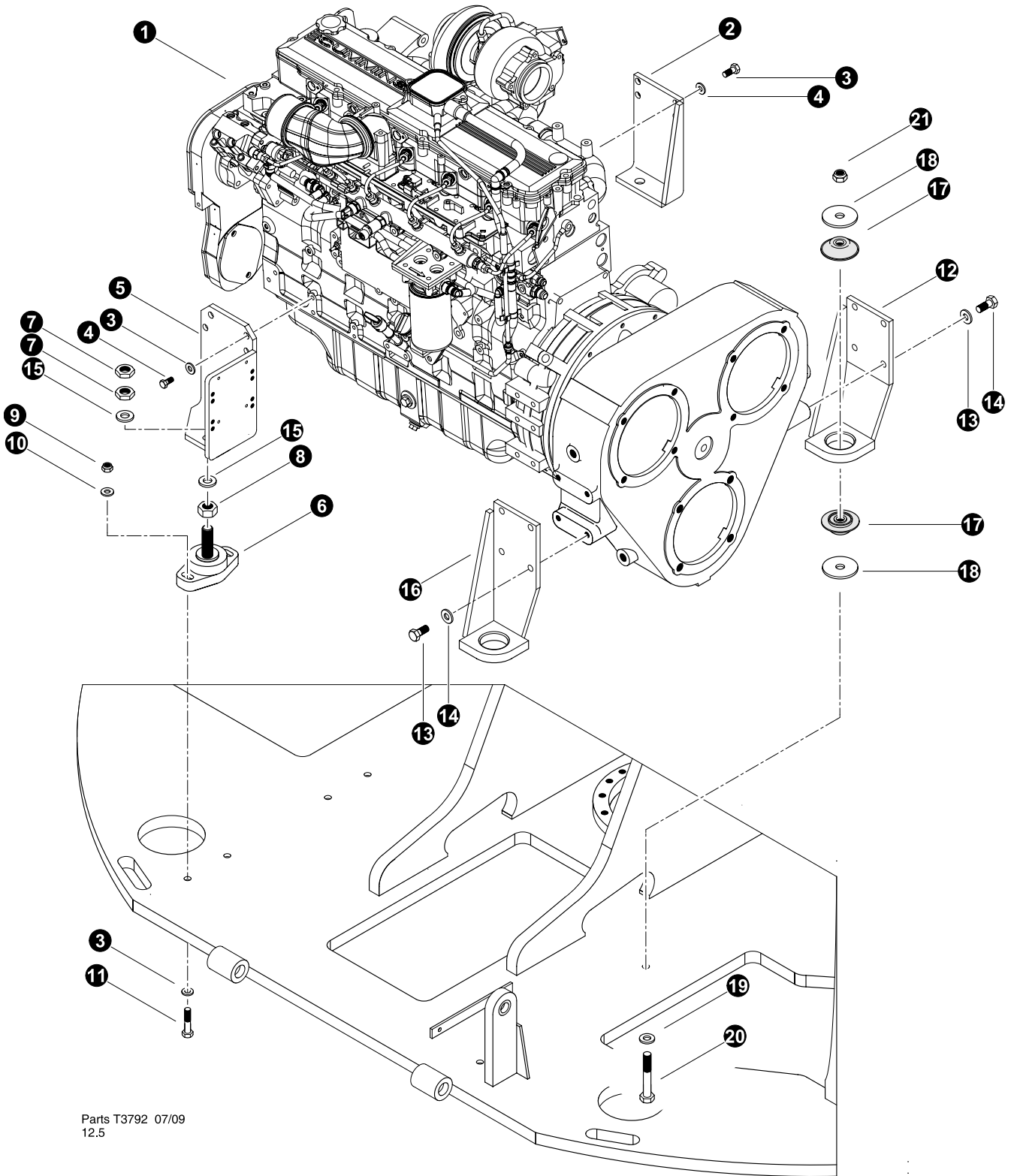
Parts T3718 10/08
12.5

ENGINE INSTALLATION Cummins QSC 8.3L

(Machine TL735B-0027-062609 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52154-EE	1	ENGINE, CUMMINS - C8.3 - 300HP (TIER 3)	
2	51602-EE	1	MOUNT, ENGINE - C8.3 (RF-300)	
3	15534-EE	14	WASHER, SAE FLAT - .5"	
4	15551-EE	8	BOLT - 12mm-1.75P x 40mm (<i>Torque to 92 ft.lbs. (122 Nm)</i>)	
5	51601-EE	1	MOUNT, ENGINE - C8.3 (LF-300)	
6	51678-EE	4	<input type="checkbox"/> ISOLATOR, ENGINE MOUNT - MARINE STYLE	
7	-EE	8	NUT, JAM - .75"	
8	10776-EE	4	NUT, HEX - .75"	
9	10815-EE	8	NUT, LOCK - .5"	
10	10804-EE	8	WASHER, FLAT - .5"	
11	15567-EE	8	BOLT - .5" X 2.5"	
12	52517-EE	1	MOUNT, ENGINE - C8.3 (RR-300)TRACK MACH.	
13	10771-EE	8	WASHER, SAE flat - 5/8	
14	15502-EE	8	BOLT - 5/8" x 1-1/2" (Torque to 150 ft.lbs. (200 Nm))	
15	15550-EE	4	WASHER, SAE FLAT - .75"	
16	52518-EE	1	MOUNT, ENGINE - C8.3 (LR-300)TRACK MACH.	

Kit or Assembly - includes all items indented underneath.



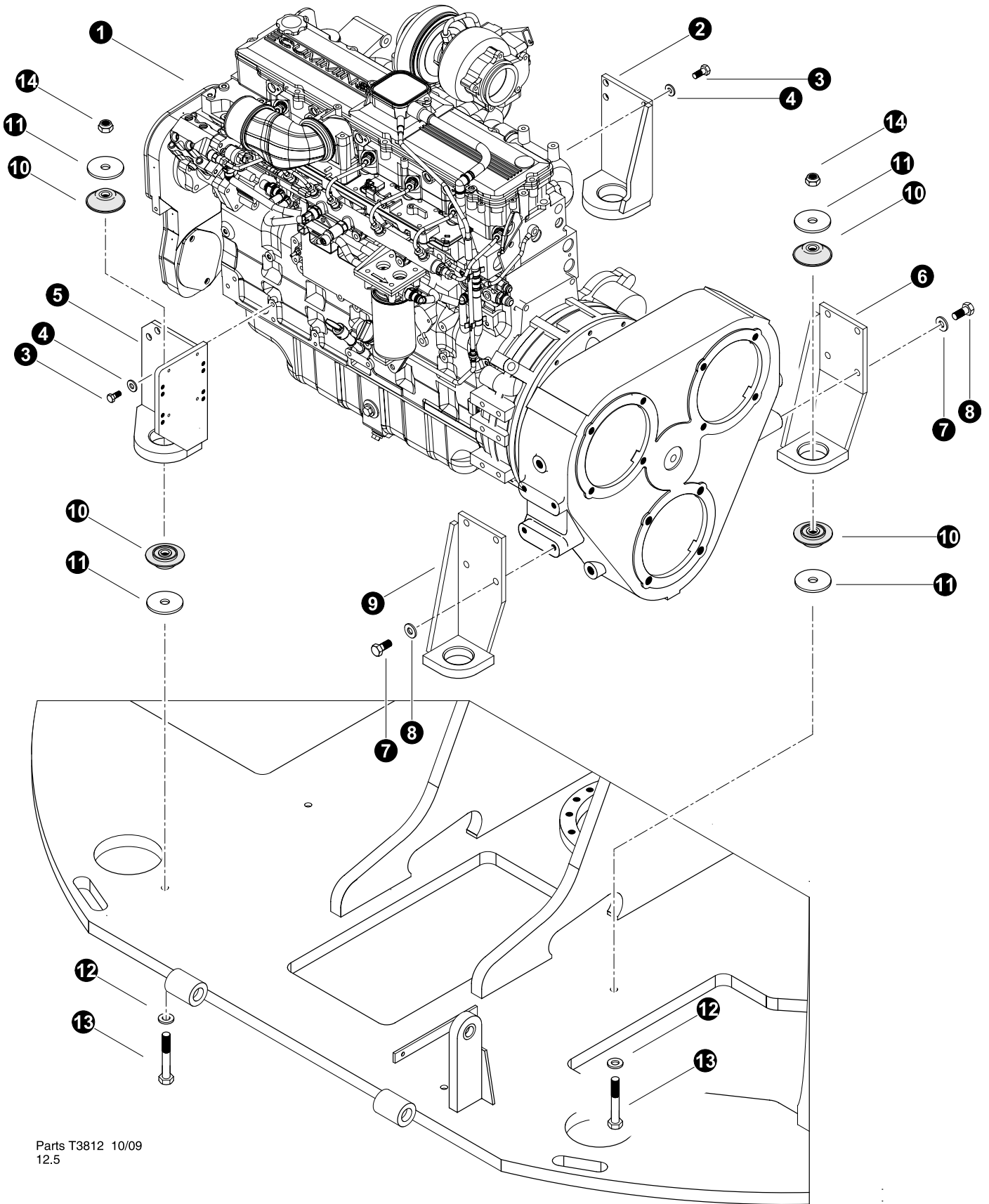
Parts T3792 07/09
12.5

ENGINE INSTALLATION Cummins QSC 8.3L

(Machine TL735B-0028 to TL735B-0031)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52154-EE	1	ENGINE, CUMMINS - C8.3 - 300HP (TIER 3)	
2	51602-EE	1	MOUNT, ENGINE - C8.3 (RF-300)	
3	15534-EE	14	WASHER, SAE FLAT - .5"	
4	15551-EE	8	BOLT - 12mm-1.75P x 40mm (<i>Torque to 92 ft.lbs. (122 Nm)</i>)	
5	51601-EE	1	MOUNT, ENGINE - C8.3 (LF-300)	
6	51678-EE	4	<input type="checkbox"/> ISOLATOR, ENGINE MOUNT - MARINE STYLE	
7	-EE	8	NUT, JAM - .75"	
8	10776-EE	4	NUT, HEX - .75"	
9	10815-EE	8	NUT, LOCK - .5"	
10	10804-EE	8	WASHER, FLAT - .5"	
11	15567-EE	8	BOLT - .5" X 2.5"	
12	53874-EE	1	MOUNT, ENGINE - C8.3 (RR-300)TRACK MACH.	
13	10771-EE	8	WASHER, SAE flat - 5/8	
14	15502-EE	8	BOLT - 5/8" x 1-1/2" (Torque to 150 ft.lbs. (200 Nm))	
15	15550-EE	4	WASHER, SAE FLAT - .75"	
16	53875-EE	1	MOUNT, ENGINE - C8.3 (LR-300)TRACK MACH.	
17	17904-EE	4	ISOLATOR	
18	17918-EE	4	WASHER, isolator mount .875"	
19	15550-EE	8	WASHER, SAE flat - 3/4"	
20	10845-EE	2	BOLT - 3/4" x 5.5"	
21	10817-EE	2	NUT, lock 3/4"	

Kit or Assembly - includes all items indented underneath.



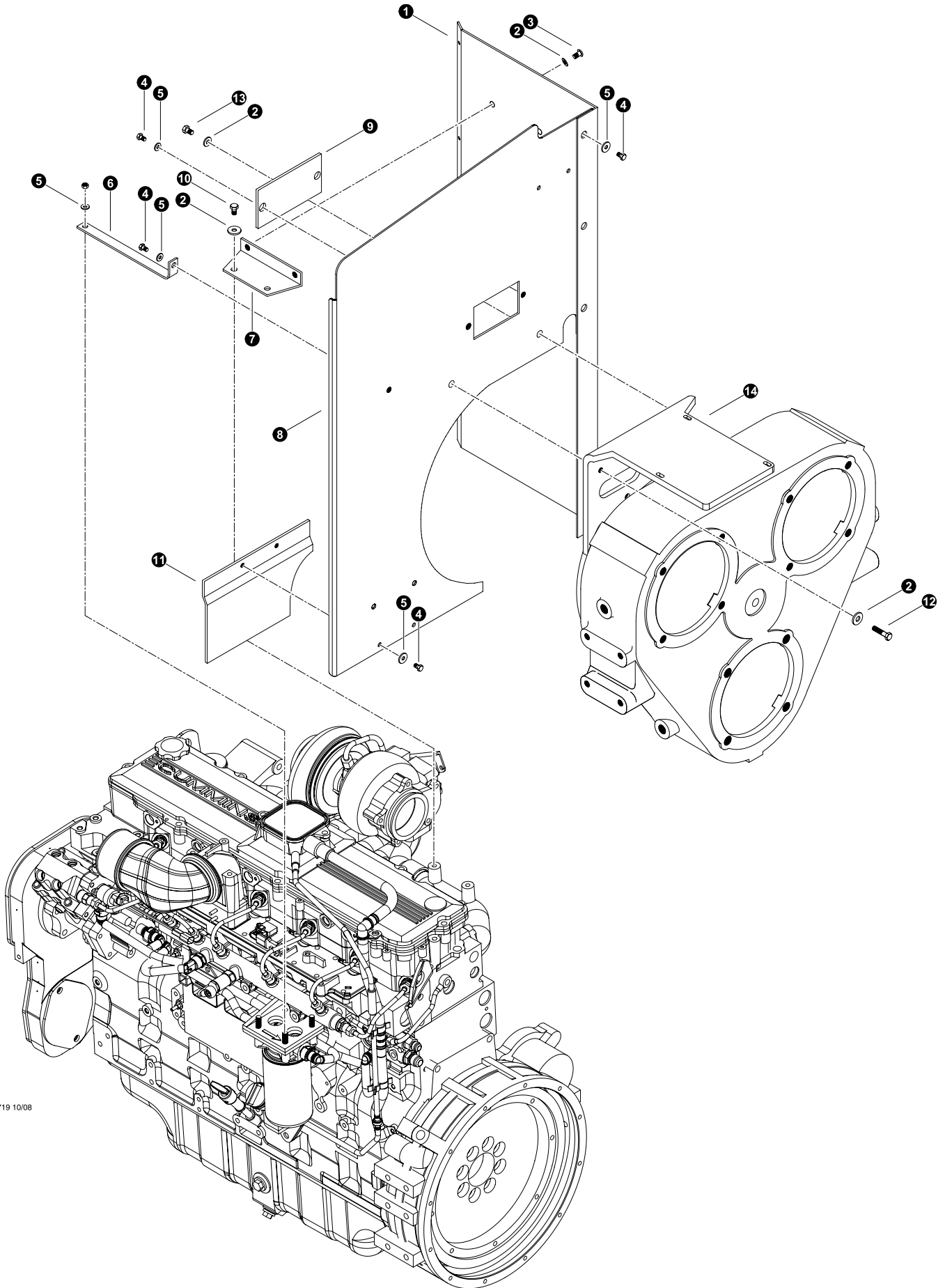
Parts T3812 10/09
12.5

ENGINE INSTALLATION Cummins QSC 8.3L

(Machine TL735B-0032 and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52154-EE	1	ENGINE, CUMMINS - C8.3 - 300HP (TIER 3)	
2	53936-EE	1	MOUNT, ENGINE - C8.3 (RF-300)CAT MT	
3	15534-EE	8	WASHER, SAE FLAT - .5"	
4	15551-EE	8	BOLT - 12mm-1.75P x 40mm (Torque to 92 ft.lbs. (122 Nm))	
5	53937-EE	1	MOUNT, ENGINE - C8.3 (LF-300)CAT MT	
6	53874-EE	4	<input type="checkbox"/> MOUNT, ENGINE - C8.3 (RR-300)T/M CAT	
7	10771-EE	8	WASHER, SAE flat - 5/8	
8	15502-EE	8	BOLT - 5/8" x 1-1/2" (Torque to 150 ft.lbs. (200 Nm))	
9	53875-EE	1	MOUNT, ENGINE - C8.3 (LR-300)T/M CAT	
10	17904-EE	8	ISOLATOR	
11	17918-EE	8	WASHER, isolator mount .875"	
12	15550-EE	8	WASHER, SAE flat - 3/4"	
13	10845-EE	2	BOLT - 3/4" x 5.5"	
14	10817-EE	2	NUT, lock 3/4"	

Kit or Assembly - includes all items indented underneath.

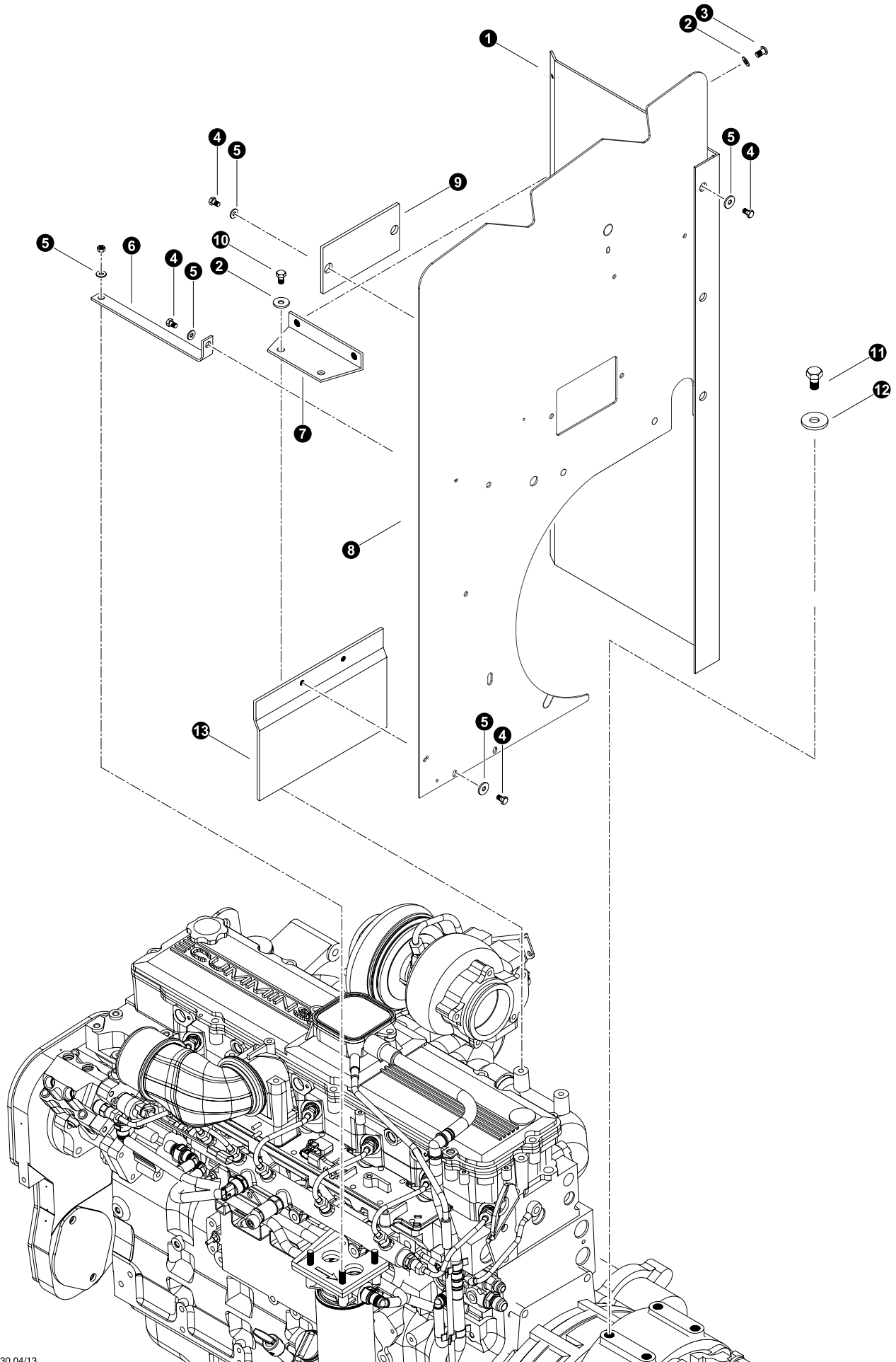


Parts T3719 10/08
25,00

BARRIER PANELS - REAR
Machines built Before March 2013
Cummins QSC 8.3L

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52920-EE	1	BARRIER, FRONT	
2	10802-EE	2	WASHER, FLAT - .375"	
3	-EE	2	BOLT, BUTTON HEAD - 3/8"-16 (81477)	
4	15605-EE	8	BOLT - .3125" X .75"	
5	15559-EE	8	WASHER, SAE FLAT - .3125"	
6	42661-EE	1	BRACE, BARRIER	
7	52705-EE	1	BRACKET, BARRIER	
8	52651-EE	1	BARRIER, REAR track machine	
9	-EE	1	COVER, REAR BARRIER	
10	17395-EE	2	BOLT - 10MM-1.5P X 20MM	
11	52703-EE	1	BARRIER, BOTTOM	
12	10402-EE	1	BOLT - .375" X 1.25"	
13	11707-EE	1	BOLT - .375" X 1"	
14	REF	1	CHARGE/FAN VALVE MOUNTING BRACKET	UP-3

Kit or Assembly - includes all items indented underneath.

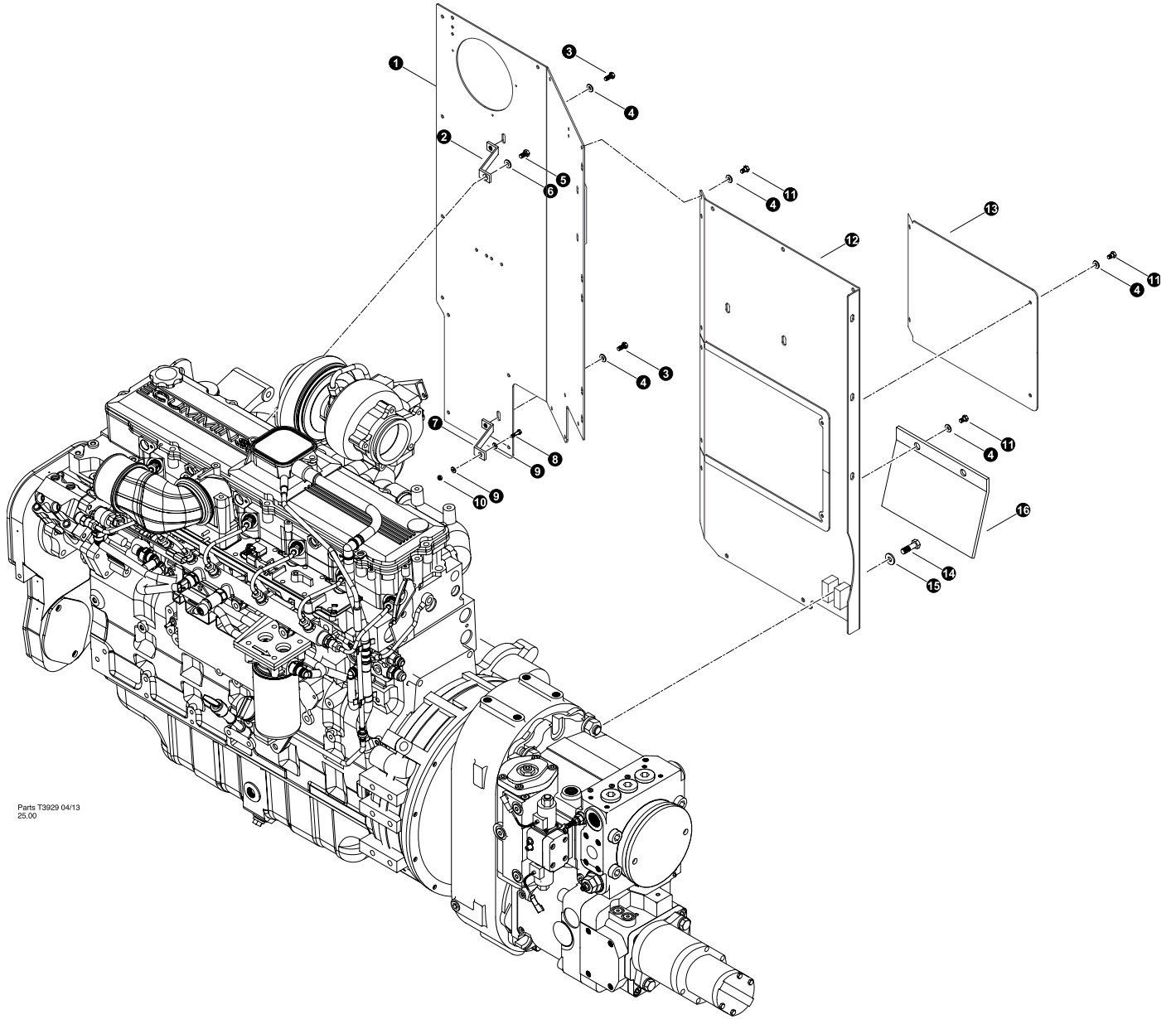


Part T3930 04/13

BARRIER PANELS - REAR
Machines built after Febuary 2013
Cummins QSC 8.3L

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52920-EE	1	BARRIER, FRONT WHEEL MACHINES C8.3	
2	10802-EE	2	WASHER, FLAT - .375"	
3	-EE	2	BOLT, BUTTON HEAD - 3/8"-16 (81477)	
4	15605-EE	8	BOLT - .3125" X .75"	
5	15559-EE	8	WASHER, SAE FLAT - .3125"	
6	42661-EE	1	BRACE, BARRIER	
7	52705-EE	1	BRACKET, BARRIER (WHEEL MACHINES)	
8	55027-EE	1	BARRIER, REAR - UNIVERSAL 830/735	
9	45755-EE	1	COVER, REAR BARRIER	
10	17395-EE	2	BOLT - 10MM-1.5P X 20MM	
11	15502-EE	2	BOLT - .625" X 1.5"	
12	10771-EE	2	WASHER, SAE FLAT - .625"	
13	52703-EE	1	BARRIER, BOTTOM (WHEEL MACHINES)	

- Kit or Assembly - includes all items indented underneath.

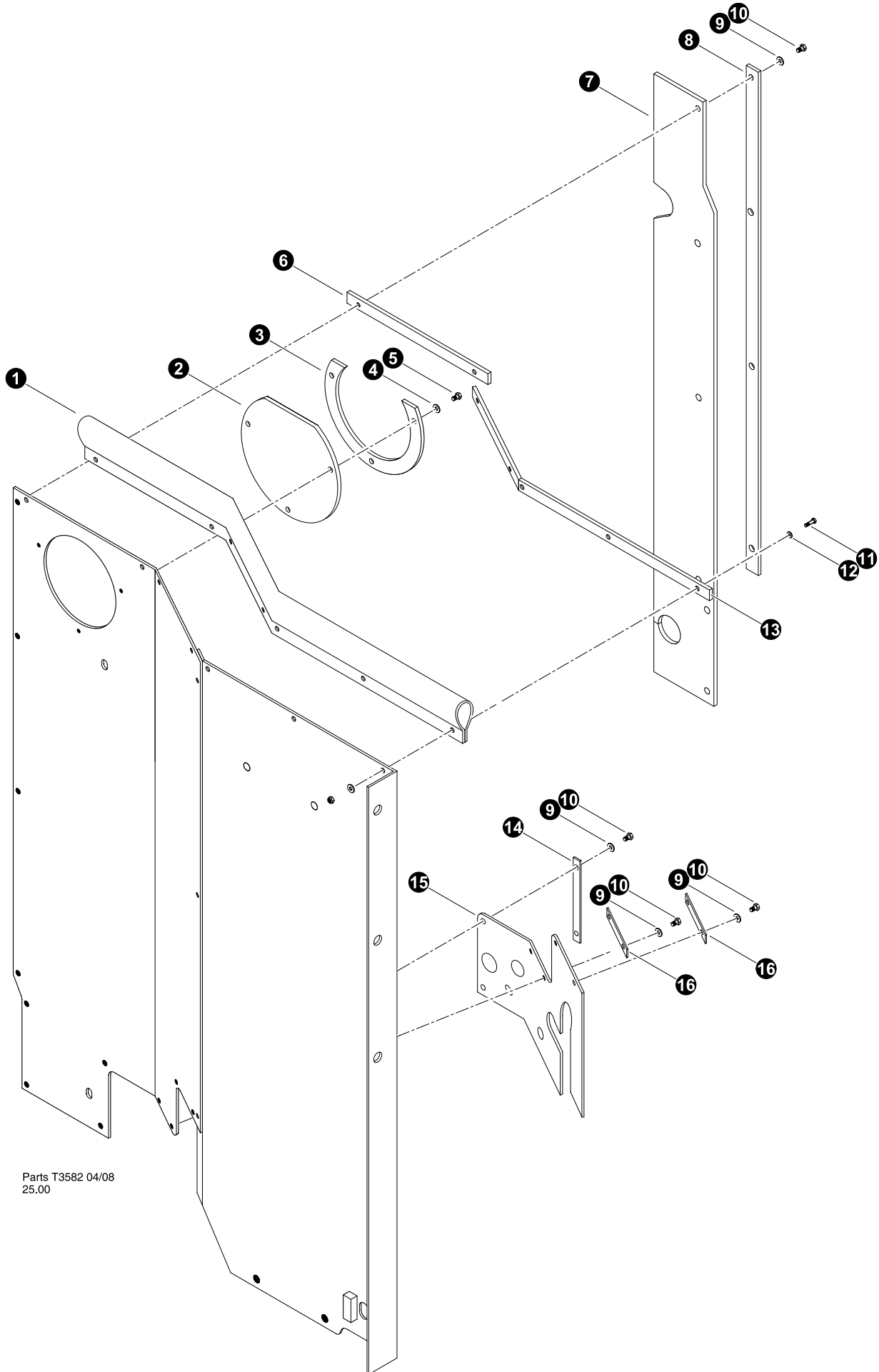


Parts T3929 04/13
25.00

BARRIER PANELS - FRONT**Cummins QSC 8.3L**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52921-EE	1	BARRIER, SIDE WHEEL MACHINES C8.3	
2	53007-EE	1	BAR, ENGINE BARRIER FRT/TOP BRACE C8.3	
3	15605-EE	2	BOLT - .3125" X .75"	
4	-EE	7	WASHER, FLAT - .3125"	
5	17395-EE	1	BOLT - 10MM-1.5P X 20MM	
6	10802-EE	1	WASHER, FLAT - .375"	
7	52959-EE	1	BAR, ENGINE BARRIER FRT/BOTTOM BRACE C8.	
8	15575-EE	1	BOLT - .25" X 1.5"	
9	10800-EE	2	WASHER, FLAT - .25"	
10	10811-EE	1	NUT, LOCK - .25"	
11	-EE	4	BOLT, BUTTON HEAD - .3125" X .75" (81477)	
12	52920-EE	1	BARRIER, FRONT WHEEL MACHINES C8.3	
13	43491-EE	1	BARRIER, LOWER FOR FRONT WHEEL MACHINES C8.3	
14	-EE	1	BOLT - 12MM-1.75P X 60MM	
15	15534-EE	1	WASHER, SAE FLAT - .5"	

- Kit or Assembly - includes all items indented underneath.

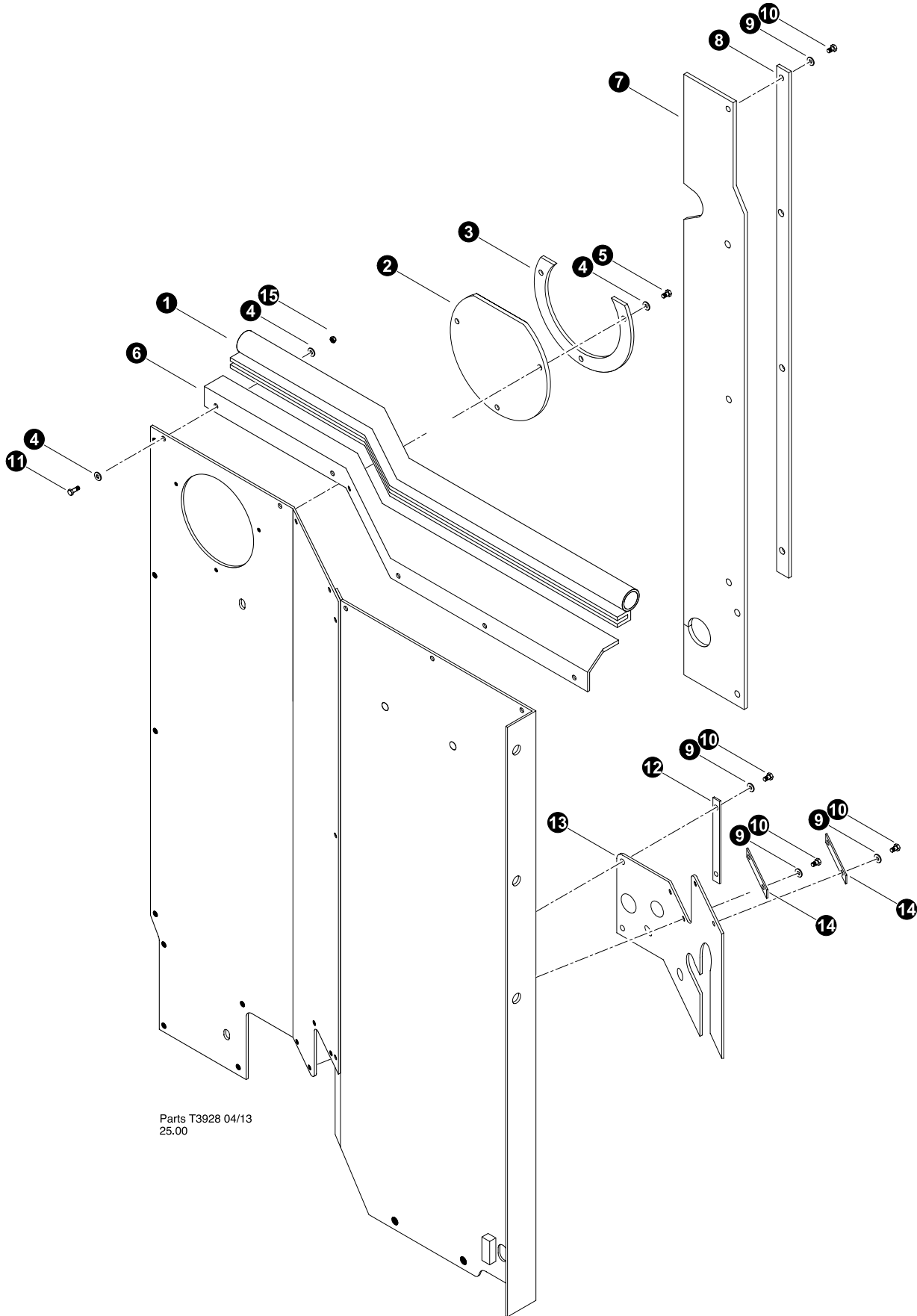


Parts T3582 04/08
25.00

BARRIER PANELS - RUBBER SEALS
Machines built before March 2013
Cummins QSC 8.3L

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53138-EE	1	BELTING, BARRIER TOP	
2	53204-EE	1	BELTING, AIR CLEANER SEAL	
3	53177-EE	1	BAR, RETAINER ROUND AIR CLEANER	
4	10800-EE	3	WASHER, FLAT - .25"	
5	17255-EE	3	SCREW, SELF TAPPING - #10-24 X .75"	
6	53051-EE	1	BAR, RETAINER 1/8x1x12	
7	52925-EE	1	BELTING, BARRIER END-VERTICAL	
8	53052-EE	1	BAR, RETAINER 1/8x1x31.75	
9	10800-EE	4	WASHER, FLAT - .25"	
10	15604-EE	4	BOLT - .25" X .75"	
11	15604-EE	7	BOLT - .25" X .75"	
12	10800-EE	3	WASHER, FLAT - .25"	
13	53137-EE	1	BAR, RETAINER 1/8x1x31.75 FORMED	
14	53050-EE	1	BAR, RETAINER 1/8x1x9	
15	53083-EE	1	BELTING, BARRIER-BOTTOM	

- Kit or Assembly - includes all items indented underneath.

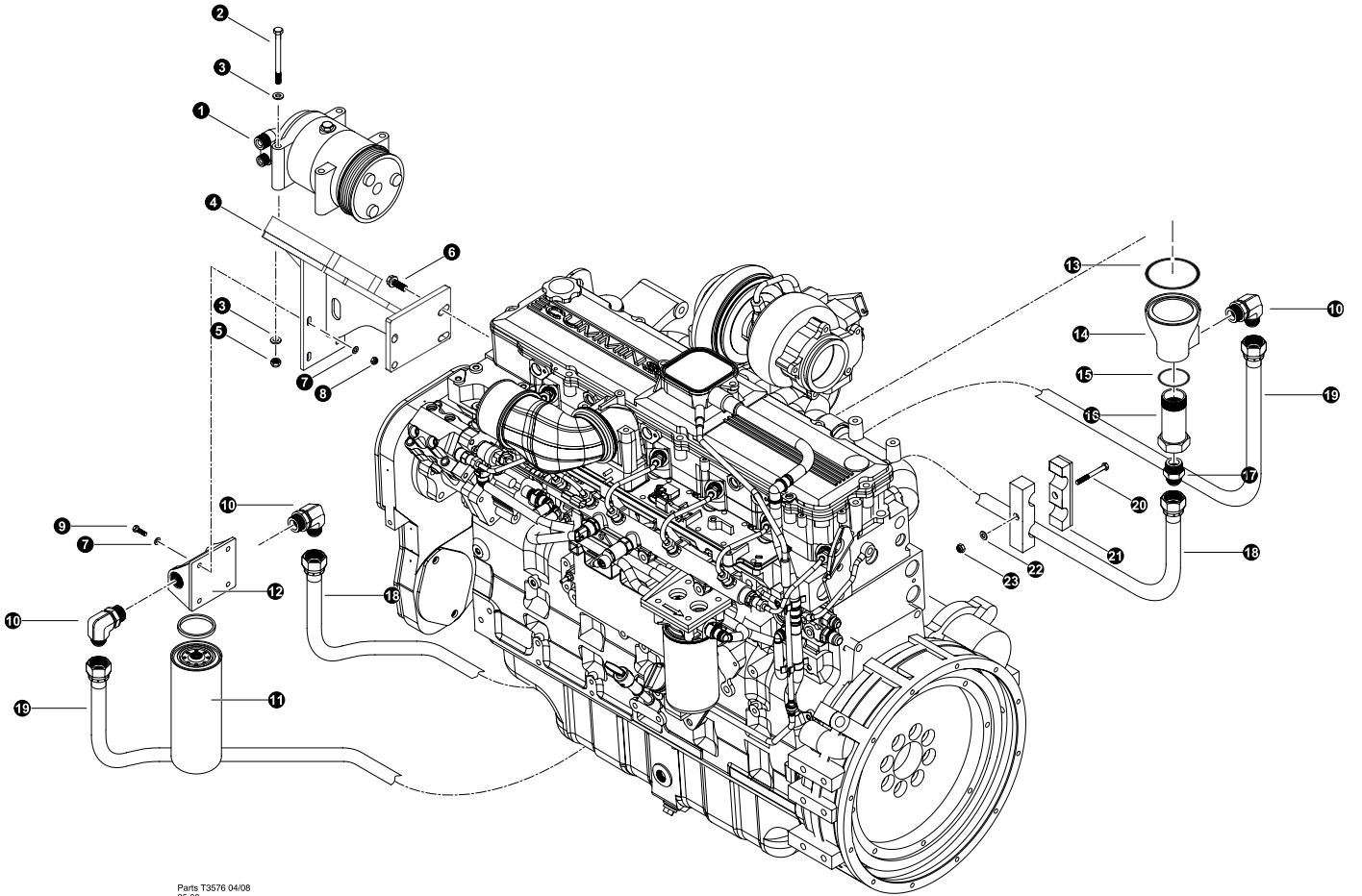


Parts T3928 04/13
25.00

BARRIER PANELS - RUBBER SEALS
Machines built after Febuary 2013
Cummins QSC 8.3L

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	54846-EE	4ft	CHANNEL, EDGE PROTECTOR - 1"	
2	53204-EE	1	BELTING, AIR CLEANER SEAL	
3	53177-EE	1	BAR, RETAINER ROUND AIR CLEANER	
4	10800-EE	3	WASHER, FLAT - .25"	
5	17255-EE	3	SCREW, SELF TAPPING - #10-24 X .75"	
6	45266-EE	1	SHEET, FILLER PLATE	
7	52925-EE	1	BELTING, BARRIER END-VERTICAL	
8	53052-EE	1	BAR, RETAINER 1/8x1x31.75	
9	10800-EE	4	WASHER, FLAT - .25"	
10	15604-EE	4	BOLT - .25" X .75"	
11	18309-EE	7	BOLT - .25" X 1.25"	
12	53049-EE	1	BAR, RETAINER 1/8x1x6	
13	53083-EE	1	BELTING, BARRIER-BOTTOM	
14	53050-EE	2	BAR, RETAINER 1/8x1x9	
15	10811-EE	5	NUT, LOCK - .25"	

- Kit or Assembly - includes all items indented underneath.

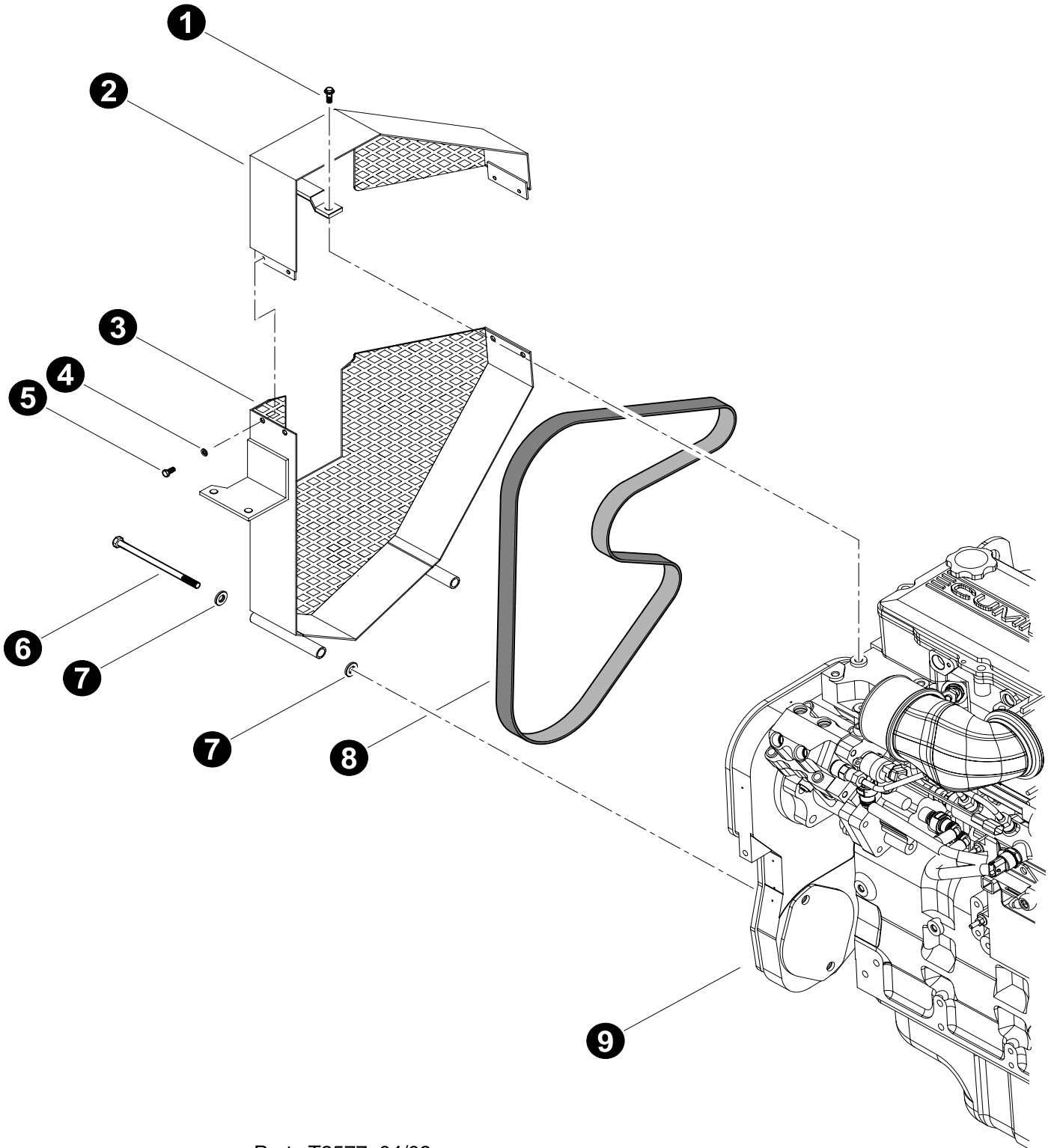


A/C COMPRESSOR & OIL FILTER INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52532-EE	1	COMPRESSOR, AC (flange mount / rear discharge)	
2	19251-EE	4	BOLT - .3125" X 5"	
3	15559-EE	8	WASHER, SAE FLAT - .3125"	
4	52964-EE	1	MOUNT, COMPRESSOR / OIL FILTER	
5	10812-EE	4	NUT, LOCK - .3125"	
6	24605-EE	4	BOLT - 10mm-1.5P x 30mm (<i>Flange Head</i>)	
7	15528-EE	4	WASHER, SAE FLAT - .375"	
8	10813-EE	4	NUT, LOCK - .375"	
9	10402-EE	4	BOLT - .375" X 1.25"	
10	15484-EE	3	ELBOW, 90 - 16 C5OX-S	
11	16070-EE	1	FILTER, engine oil	
12	52339-EE	1	☐ Relocation Kit - Oil Filter	
12	-EE	1	ADAPTER, FILTER HEAD (4063933)	
13	-EE	1	O-RING, Oil Filter Relocation Housing - Large (3899283)	
14	-EE	1	COVER, FILTER HEAD (3899624)	
15	-EE	1	O-RING, Oil Filter Relocation Housing - Small (3899728)	
16	-EE	1	Manifold, fastner fitting (3899625)	
17	15497-EE	1	CONNECTOR, STR - 16 F5OX-S	
18	52944-EE	1	TUBELINE, ENGINE OIL FILTER - OUT	
19	52945-EE	1	TUBELINE, ENGINE OIL FILTER - IN	
20	10824-EE	1	BOLT - .3125" X 2.5"	
21	52991-EE	1	CLAMP, STEEL TUBELINE - DOUBLE	
22	15559-EE	1	WASHER, SAE FLAT - .3125"	
23	10812-EE	1	NUT, LOCK - .3125"	







See referenced page for component or assembly breakdown.

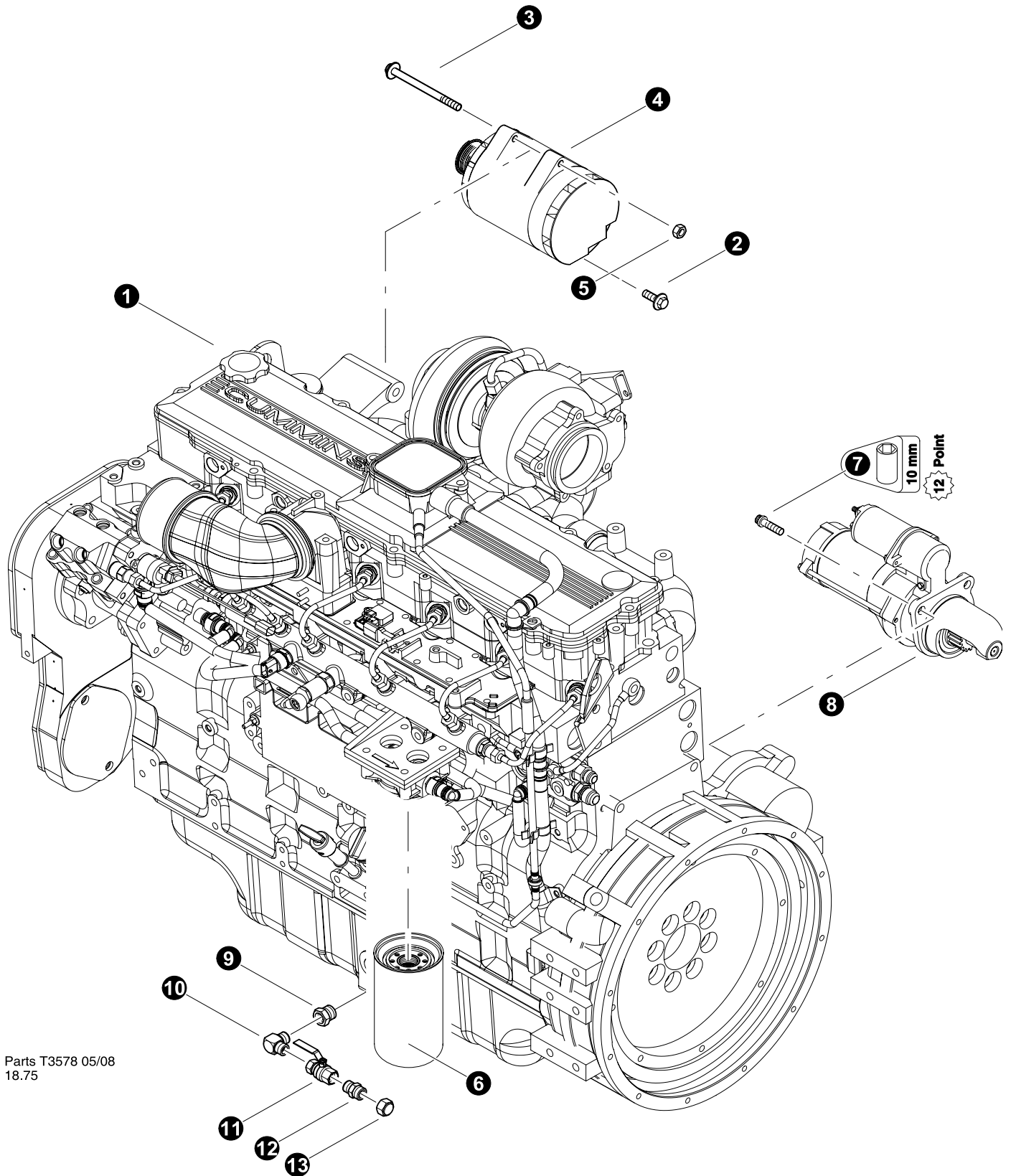


Parts T3577 04/08
12.5

ENGINE BELT AND SHROUDS


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	24605-EE	1	BOLT - 10mm-1.5P x 30mm (<i>Flange Head</i>)	
-	52927-EE	1	 SHROUD, BELT CUMMINS QSC Tier 3 (top and bottom)	
2		1	SHROUD, TOP	
3		1	SHROUD, BOTTOM	
4	10757-EE	4	WASHER, SAE FLAT - .25"	
5	15604-EE	4	BOLT - .25" X .75"	
6	51772-EE	1	BOLT - 12MM X 180MM FAN GUARD (830/630)	
7	15534-EE	4	WASHER, SAE FLAT - .5"	
8	51777-EE	1	BELT, FAN - CUMMINS CHARGE AIR (830/630)	
9	REF.	1	 ENGINE - Cummins QSC8.3-C.....	EE-1



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

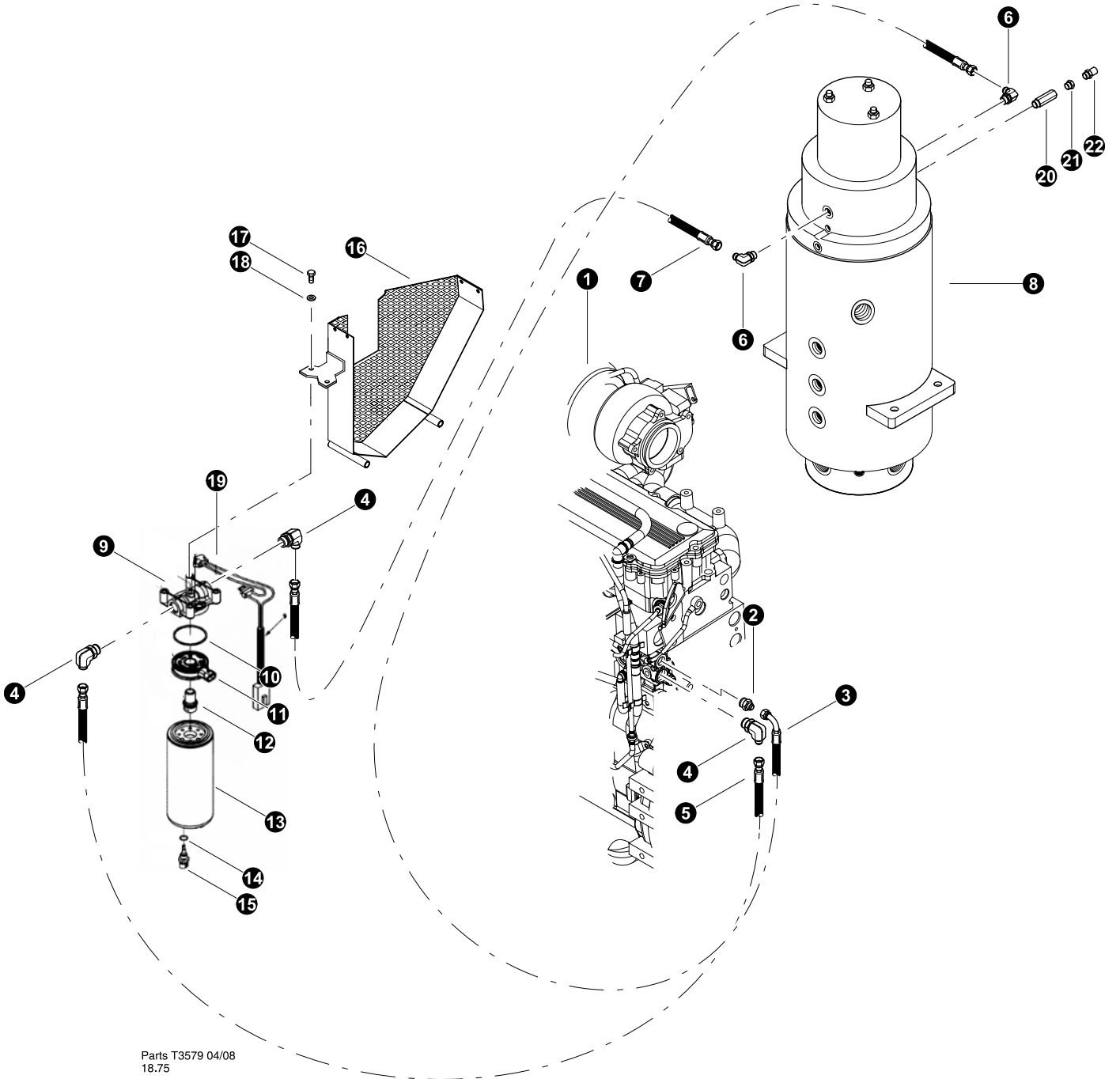


Parts T3578 05/08
18.75



ALTERNATOR, STARTER & MISC. COMPONENTS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins QSC8.3-C.....	EE-1
2	50149-EE	1	BOLT - 12mm x 25mm	
3	--	2	BOLT, flange head - 12mm x 150 mm	
4	53246-EE	1	ALTERNATOR, TIER 3 CUMMINS - 24V/100A	
5	--	1	NUT, flange - 12mm	
6	52848-EE	1	FILTER, FUEL - PRIMARY QSB TIER 3	
7		3	BOLT, 12 point cap - 10mm x 35 mm	
8	53240-EE	1	STARTER - C8.3C/QSC (24V) 3102767	
9	40978-EE	1	CONNECTOR, STR MET/ENG M18-.38NPT F8OHGS	
10	40979-EE	1	ELBOW, 90 MALE .38NPT BLACK 150#	
11	40980-EE	1	VALVE, BALL .38NPT BRASS PADLOCK	
12	22902-EE	1	CONNECTOR, STR - 848-TT-08X06	
13	15434-EE	1	CAP - FF9863-08S	

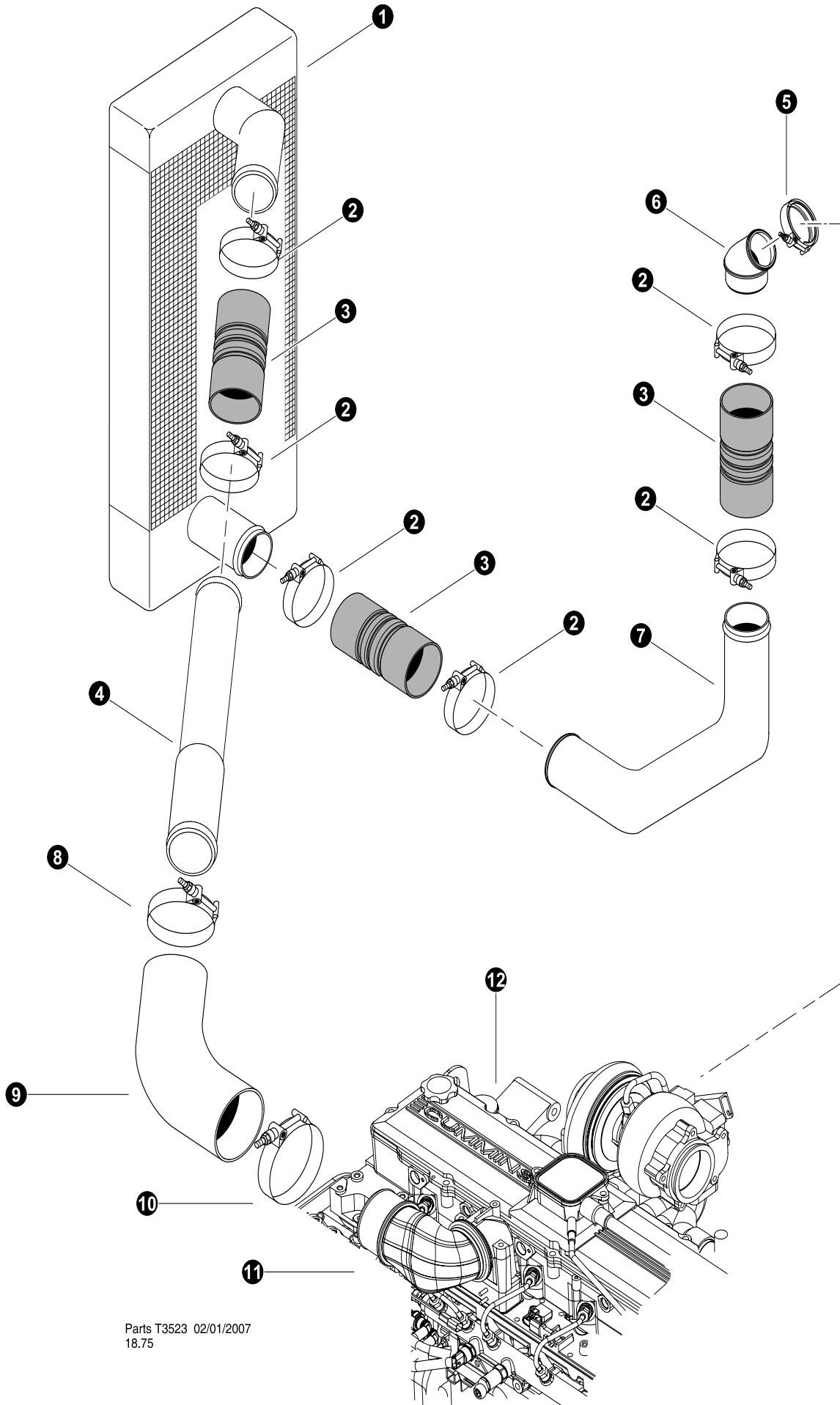
-  See referenced page for component or assembly breakdown.
-  Kit or Assembly - includes all items indented underneath.



FUEL LINES




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins QSC8.3-C.....	EE-1
2	53103-EE	1	FITTING, 6-8 - ORB-JIC 830-B	
3	-EE	1	HOSE ASSEMBLY - 2140-06-06JS-06J9-W (<i>Fuel return to rotary manifold port FR</i>)	
4	53073-EE		ELBOW, (6-JIC 10-ORB 90)	
5	-EE	1	HOSE ASSEMBLY - 2069-06-06JS-06JS-W (<i>Fuel supply to fuel filter out</i>)	
6	15480-EE	2	ELBOW, 90 - 6801-6	
7	-EE	1	HOSE ASSEMBLY - 2090-06-06JS-06JS-W (<i>rotary manifold port FS to fuel filter inlet</i>)	
8	REF	1	 ROTARY MANIFOLD ASSEMBLY	UP-1
9	-EE	1	HEAD, Fuel Filter (3944986)	
10	-EE	1	SEAL, Rectangular Ring (3913695)	
11	-EE	1	Element, Fuel Heater (3943910)	
12	-EE	1	Adapter, Filter Head (3943780)	
13	24062-EE	1	FILTER, FUEL (CUMMINS QSC - ELECTRONIC).....	
14	-EE	1	Seal, O-Ring (3944821)	
15	-EE	1	Sensor, Water in Fuel (3944270)	
16	REF	1	BRACKET, FUEL FILTER TIER (Fan Guard).....	EE-1
17	11707-EE	2	BOLT - .375" X 1"	
18	15528-EE	2	WASHER, SAE FLAT - .375"	
19	-EE	1	Thermostat, Fuel Heater (3942357)	
20	52185-EE	1	VALVE, RELIEF - INLINE FUEL VENT	
21	51413-EE	1	BUSHING, REDUCER - 4 - 1/4 F50G	
22	50453-EE	1	VENT, ROTARY MANIFOLD	



 See referenced page for component or assembly breakdown.

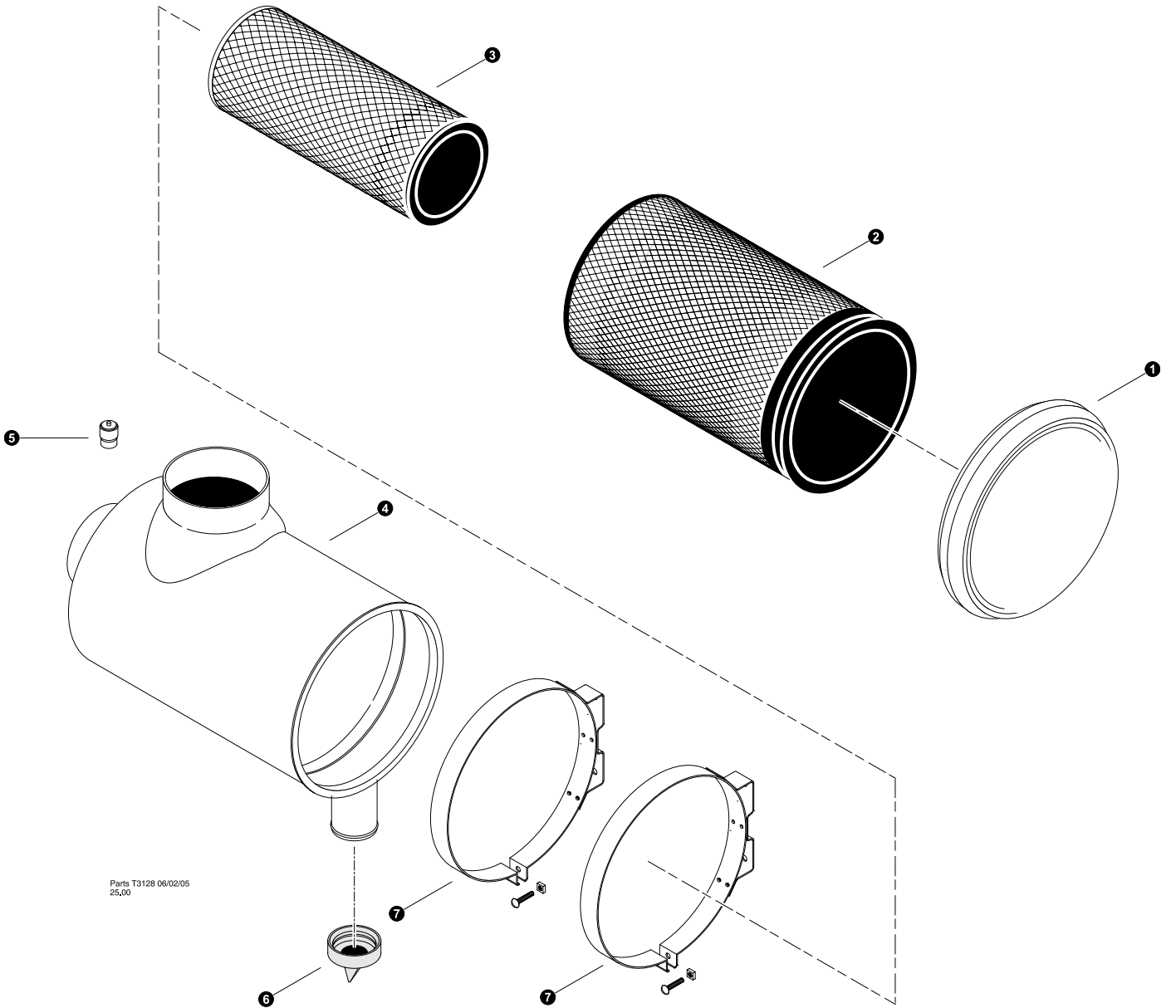


Parts T3523 02/01/2007
18.75

CHARGE AIR (Air To Air Connections Tier 3 engine)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 RADIATOR / AIR COOLER ASSEMBLY	EE-3
2	-EE	6	CLAMP, spring hose - 4" (3926703)	
3	24686-EE	4	CONNECTOR, rubber	
4	52591-EE	1	TUBE, AIR/AIR TOP CUMMINS 630/830 TIER 3	
5	-EE	1	CLAMP, V-Band - 3101325	
	-EE	1	O-RING, - 3102802	
6	-EE	1	PIPE, Air Transfer elbow, 45° - 3918350	
7	51734-EE	1	TUBE, AIR/AIR BOTTOM CUMMINS 630/830	
8	15697-EE	1	CLAMP, strap band - 4 1/4"	
9	52729-EE	1	ELBOW, 45 - 4" BOOT(AIR TO AIR TIER 3 C)	
10	15697-EE	1	CLAMP, strap band - 4 1/4"	
11	52054-EE	1	 MANIFOLD, CHARGE AIR INTAKE (QSC / 830)	
-	-EE	1	AIR INTAKE, 90° - 3968371	
-	-EE	1	SEAL, O-RING - 3682177	
-	-EE	1	CLAMP, V-Band - 3067979	
12	REF.	1	 ENGINE - Cummins QSC8.3-C.....	EE-3

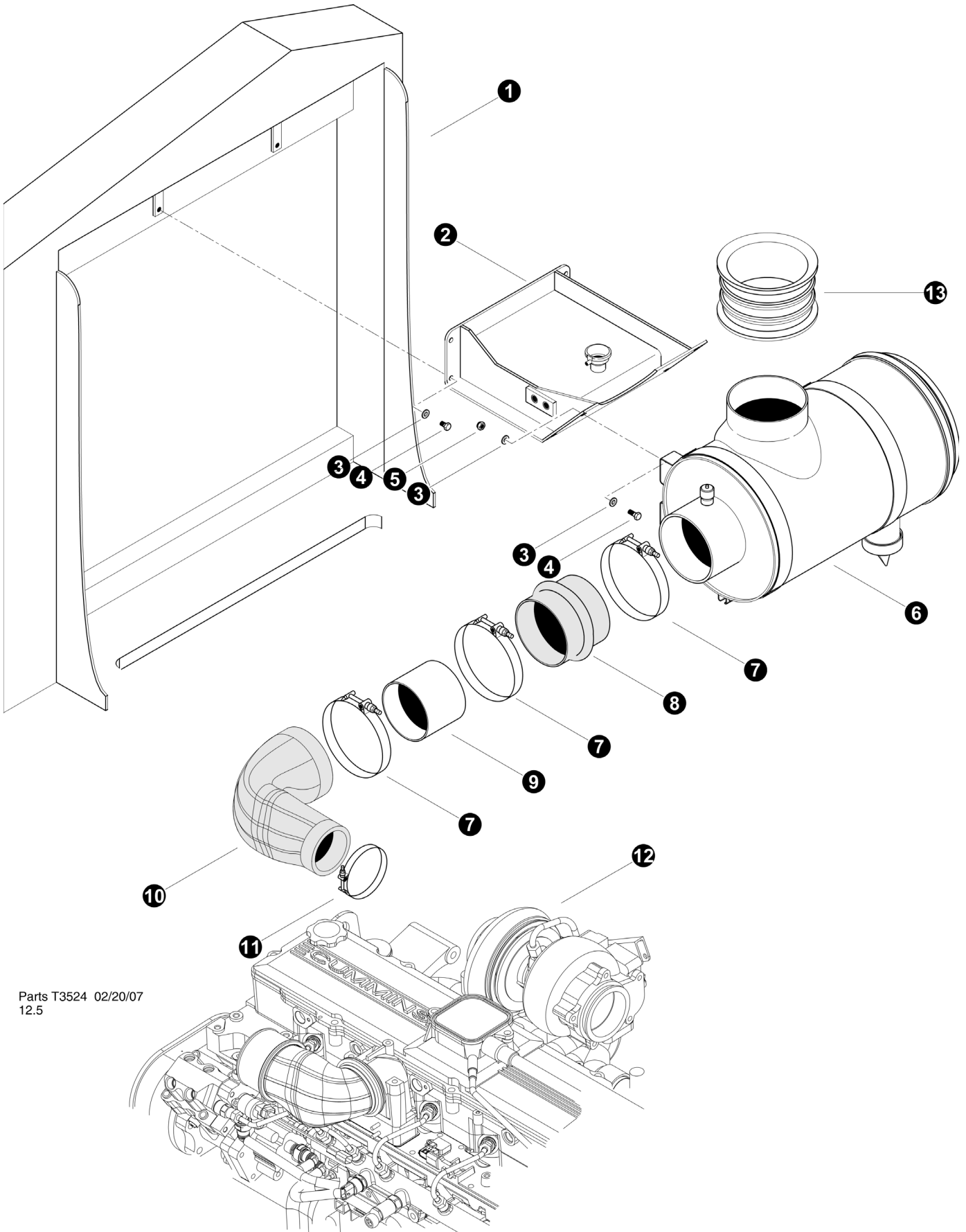
-  See referenced page for component or assembly breakdown.
-  Kit or Assembly - includes all items indented underneath.



AIR CLEANER ASSEMBLY

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51729-EE	1	<input type="checkbox"/> AIR CLEANER ASSEMBLY - 830/630	
1	---	1	COVER - AIR CLEANER	
2	51756-EE	1	FILTER, air cleaner - primary	
3	51757-EE	1	FILTER, air cleaner - secondary	
4	---	1	CANISTER, air cleaner	
5	16114-EE	1	INDICATOR, air cleaner filter service	
6	52053-EE	1	BOOT, Air Cleaner Dust	
7	20450-EE	2	<input type="checkbox"/> CLAMP, air cleaner band	
-	15591-EE	1	BOLT - 5/16" x 1-1/2"	
-	10788-EE	1	NUT, nylock - 5/16"	





Kit or Assembly - includes all items indented underneath.



Parts T3524 02/20/07
12.5

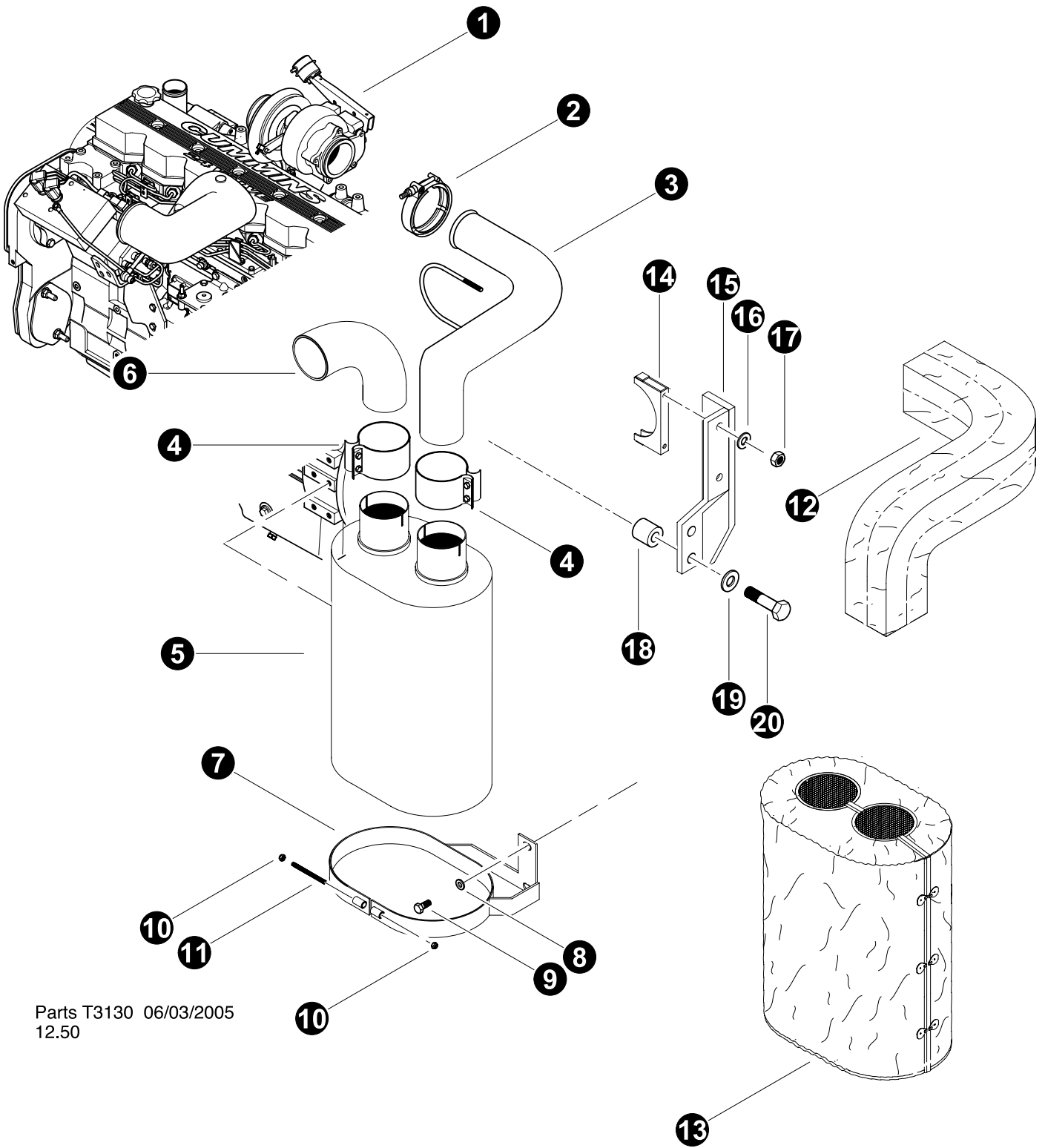
AIR CLEANER INSTALLATION

(Tier 3 engine)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE	UP-1
2	REF.	1	 TANK, EXPANSION	EE-3
3	15528-EE	12	WASHER, SAE FLAT - .375"	
4	11707-EE	4	BOLT - .375" X 1"	
5	10813-EE	4	NUT, LOCK - .375"	
6	REF.	1	 AIR CLEANER ASSEMBLY	EE-1
7	51728-EE	2	CLAMP, strap band - 5-1/2"	
8	52055-EE	1	HOSE, HUMP AIR CLEANER (5" X 5") CUMMINS	
9	51827-EE	1	TUBE, AIR CLEANER (5" DIA X 3") CUMMINS	
10	-EE	1	ELBOW, 90° rubber (<i>Cobra</i>) ()	
11	15697-EE	1	CLAMP, strap band - 4-1/2"	
12	REF.	1	 ENGINE - Cummins C8.3-C	EE-1
13	52147-EE	1	FLANGE, RUBBER SEAL - AIR CLEANER	




See referenced page for component or assembly breakdown.



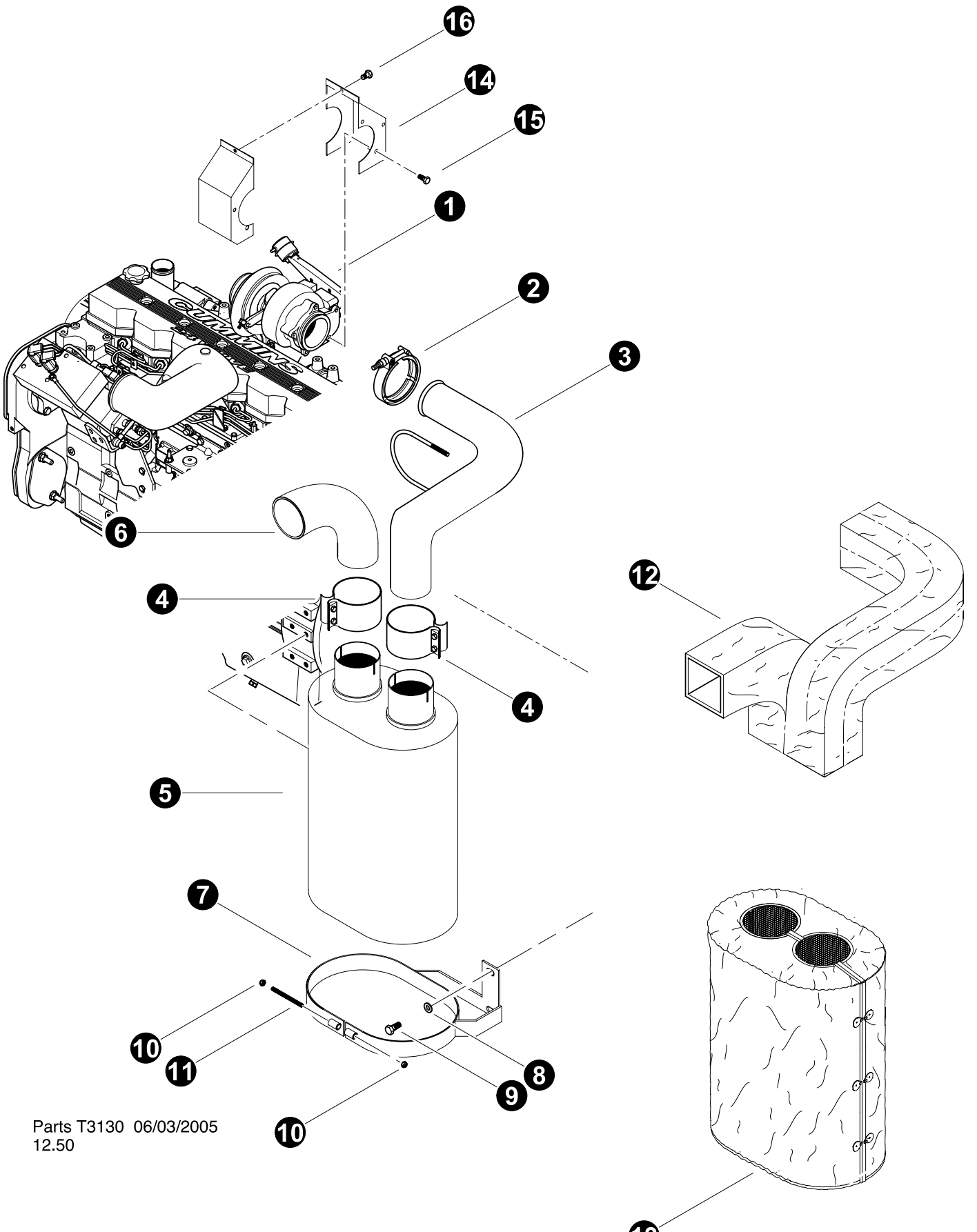
Parts T3130 06/03/2005
12.50

MUFFLER INSTALLATION

Before 2012

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins C8.3-C	EE-1
2	20452-EE	1	CLAMP, turbo exhaust (3905216)	
3	51613-EE	1	PIPE, EXHAUST - CUMMINS C - 830 MACH	
4	51871-EE	2	CLAMP, MUFFLER - 830/630 - 4" EASY SEAL	
5	51656-EE	1	MUFFLER, CUMMINS / JD (TF830)	
6	51956-EE	1	ELBOW, EXHAUST - CUMMINS (830/630)	
7	51677-EE	2	MOUNT, MUFFLER - CUMMINS - 830	
8	15534-EE	14	WASHER, SAE FLAT - .5"	
9	18415-EE	2	BOLT - 12MM-1.75P X 30MM	
10	10812-E	2	NUT, LOCK - .3125"	
11	-EE		ROD, THREADED - .3125"	
12	51716-EE	1	INSULATION, EXHAUST TUBE (CUMMINS 830)	
13	51715-EE	1	INSULATION, MUFFLER - 830	
14	54510-EE	1	CLAMP, EXHAUST STABILIZING - 830/735	
15	54505-EE	1	BRACKET, MUFFLER	
16	15528-EE	2	WASHER, SAE FLAT - .375"	
17	10813-EE	2	NUT, LOCK - .375"	
18	-EE	2	SPACER	
19	18735-EE	2	WASHER, FLAT - 12MM	
20	16136-EE	2	BOLT - 12MM-1.75P X 45MM	


 See referenced page for component or assembly breakdown.



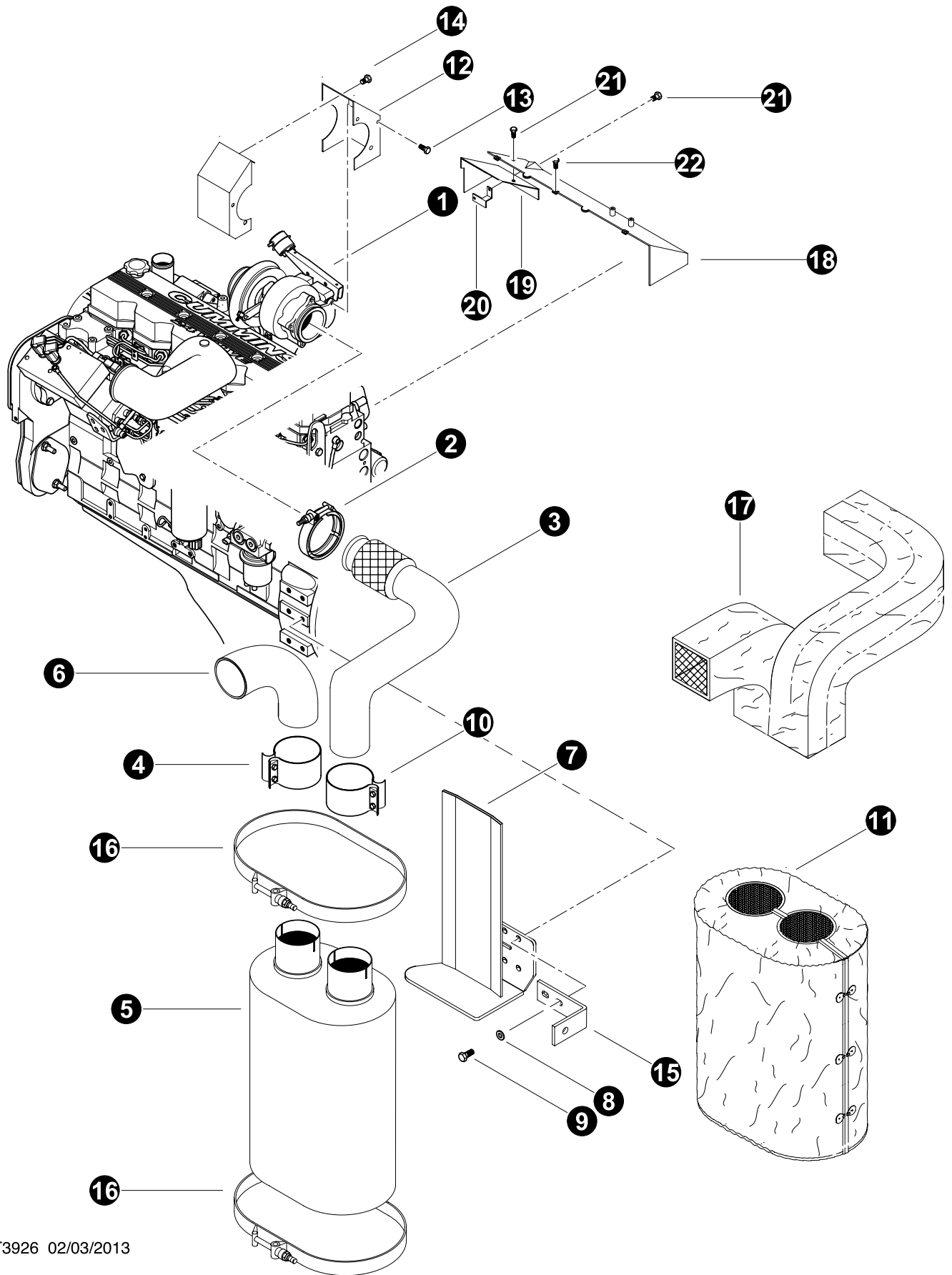
Parts T3130 06/03/2005
12.50

MUFFLER INSTALLATION

Machine 0187 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins C8.3-C	EE-1
2	20452-EE	1	CLAMP, turbo exhaust (3905216)	
3	52628-EE	1	PIPE, EXHAUST - CUMMINS C - 830 MACH	
4	51871-EE	2	CLAMP, MUFFLER - 830/630 - 4" EASY SEAL	
5	51656-EE	1	MUFFLER, CUMMINS / JD (TF830)	
6	51956-EE	1	ELBOW, EXHAUST - CUMMINS (830/630)	
7	51677-EE	2	MOUNT, MUFFLER - CUMMINS - 830	
8	15534-EE	14	WASHER, SAE FLAT - .5"	
9	18415-EE	2	BOLT - 12MM-1.75P X 30MM	
10	10812-E	2	NUT, LOCK - .3125"	
11	-EE		ROD, THREADED - .3125"	
12	54514-EE	1	INSULATION, EXHAUST TUBE (CUMMINS 830)	
13	50072-EE	1	WRAP, MUFFLER - 21" X 3"	
14	54839-EE	1	GUARD, TURBO - DEBRIS DEFLECTOR (standard)	
14	54852-EE	1	GUARD, TURBO DEBRIS - LOW GULLWING (old style machines)	
15	25059-EE	6	BOLT - 8MM-1.25P X 20MM	
16	25059-EE	1	BOLT - 8MM-1.25P X 20MM	

 See referenced page for component or assembly breakdown.




Parts T3926 02/03/2013
12.50

725B-735B and 630 - EE-R0

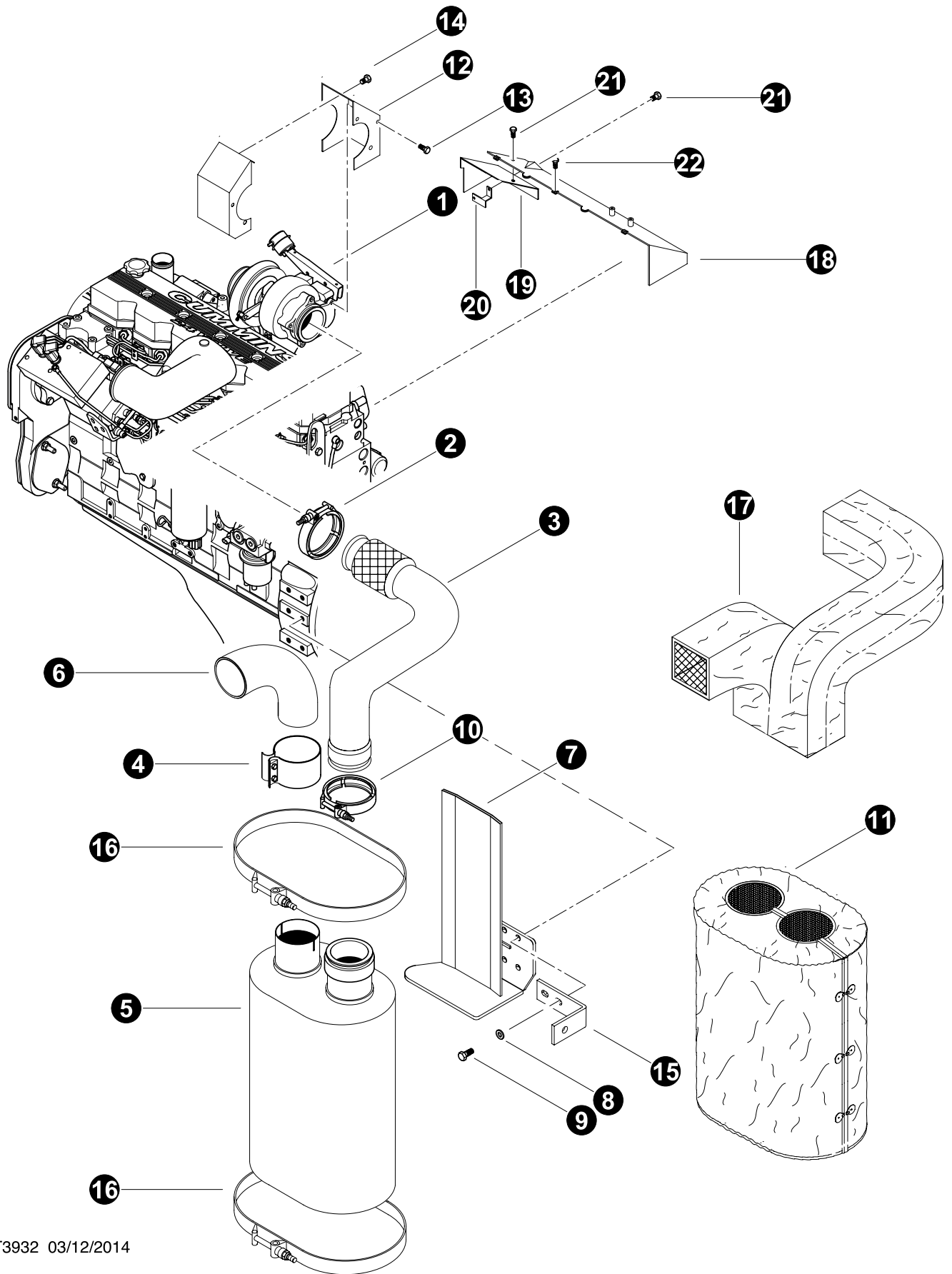
EE-1-b25

MUFFLER INSTALLATION

Machine 0188 and After

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins C8.3-C	EE-1
2	20452-EE	1	CLAMP, turbo exhaust (3905216)	
3	55017-EE	1	PIPE, EXHAUST- CUMMINS - WITH FLEX	
4	51871-EE	1	CLAMP, MUFFLER - 830/630 - (4" EASY SEAL)	
5	51656-EE	1	MUFFLER, CUMMINS / JD (TF830)	
6	51956-EE	1	ELBOW, EXHAUST - CUMMINS (830/630)	
7	45588-EE	1	WELDMENT, MUFFLER MOUNT - CUMMINS	
8	15534-EE	8	WASHER, SAE FLAT - .5"	
9	18415-EE	2	BOLT - 12MM -1.75P X 30MM	
10	51723-EE	1	CLAMP, MUFFLER - 830/630 (3.5" EasySeal)	
11	55013-EE	1	INSULATION, MUFFLER (830/735)	
12	54839-EE	1	GUARD, TURBO - DEBRIS DEFLECTOR (standard)	
-	54852-EE	1	GUARD, TURBO DEBRIS - LOW GULLWING (old style machines)	
13	25060-EE	2	BOLT - 8MM-1.25P X 25MM	
14	25059-EE	1	BOLT - 8MM-1.25P X 20MM	
15	45598-EE	1	BAR, MUFFLER PANEL BRACKET	
16	55011-EE	2	CLAMP, MUFFLER MOUNTING - T-BOLT	
17	54514-EE	1	INSULATION, EXHAUST DISCHARGE TUBE 51956	
18	-EE	1	GUARD, exhaust manifold - Long	
19	-EE	1	GUARD, exhaust manifold - Short	
20	-EE	1	BRACKET, exhaust manifold guard	
21	-EE	2	BOLT,	
22	-EE	3	BOLT,	

 See referenced page for component or assembly breakdown.




Parts T3932 03/12/2014
12.50

725B-735B and 630 - EE-R0

EE-1-c25

MUFFLER INSTALLATION

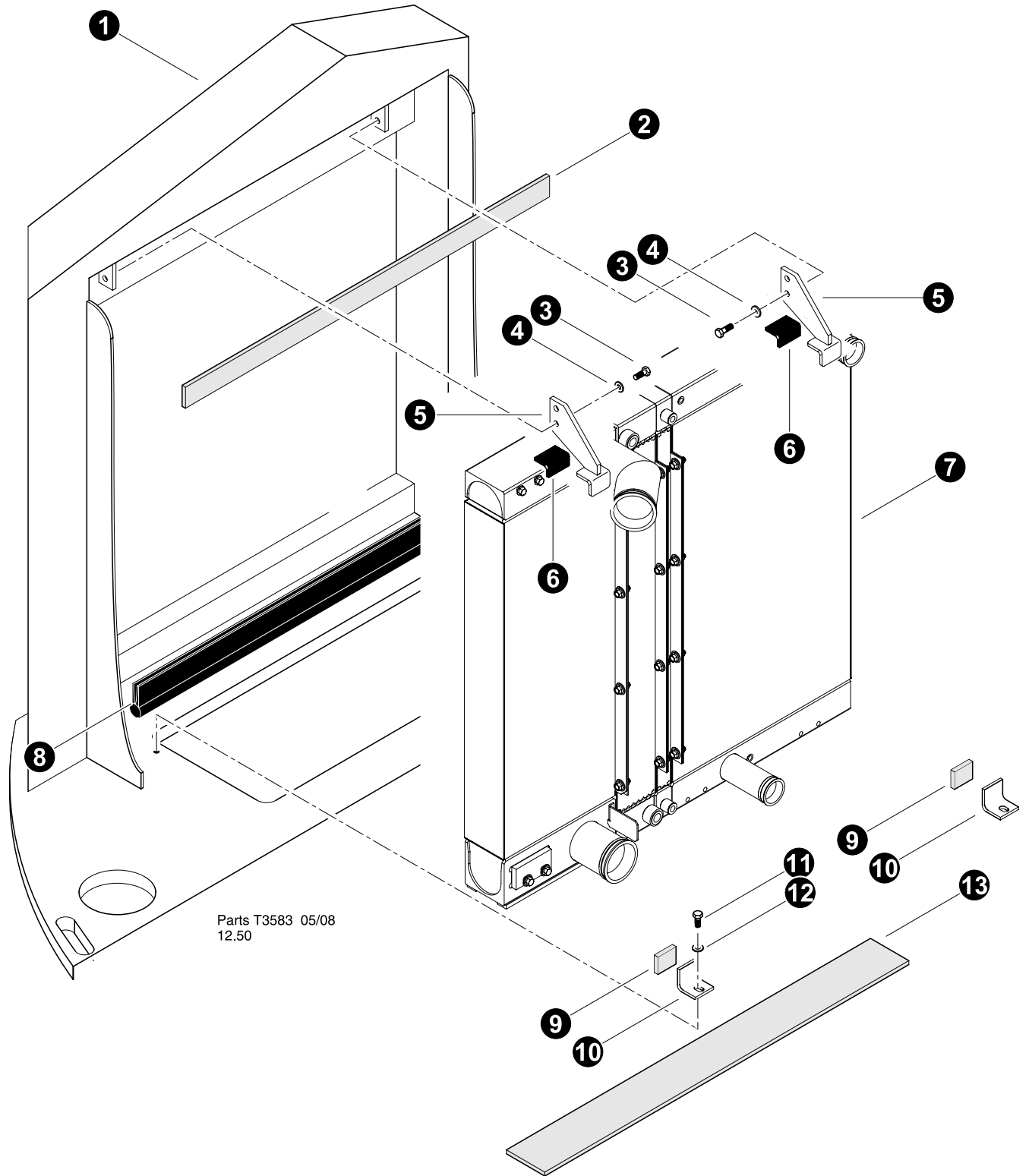
Machine 0248 and After

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins C8.3-C	EE-1
2	20452-EE	1	CLAMP, turbo exhaust (3905216)	
3	46573-EE	1	PIPE, EXHAUST- CUMMINS - WITH FLEX	
4	51871-EE	1	CLAMP, MUFFLER - 830/630 - (4" EASY SEAL)	
5	55349-EE	1	MUFFLER, CUMMINS / JD (TF830)	
6	51956-EE	1	ELBOW, EXHAUST - CUMMINS (830/630)	
7	45588-EE	1	WELDMENT, MUFFLER MOUNT - CUMMINS	
8	15534-EE	8	WASHER, SAE FLAT - .5"	
9	18415-EE	2	BOLT - 12MM -1.75P X 30MM	
10	20452-EE	1	CLAMP, turbo exhaust (3905216)	
11	55013-EE	1	INSULATION, MUFFLER (830/735)	
12	54839-EE	1	GUARD, TURBO - DEBRIS DEFLECTOR (standard)	
-	54852-EE	1	GUARD, TURBO DEBRIS - LOW GULLWING (old style machines)	
13	25060-EE	2	BOLT - 8MM-1.25P X 25MM	
14	25059-EE	1	BOLT - 8MM-1.25P X 20MM	
15	45598-EE	1	BAR, MUFFLER PANEL BRACKET	
16	55011-EE	2	CLAMP, MUFFLER MOUNTING - T-BOLT	
17	54514-EE	1	INSULATION, EXHAUST DISCHARGE TUBE 51956	
18	-EE	1	GUARD, exhaust manifold - Long	
19	-EE	1	GUARD, exhaust manifold - Short	
20	-EE	1	BRACKET, exhaust manifold guard	
21	-EE	2	BOLT,	
22	-EE	3	BOLT,	

 See referenced page for component or assembly breakdown.



Section EE-3


Cummins Engine - Cooling System Installation

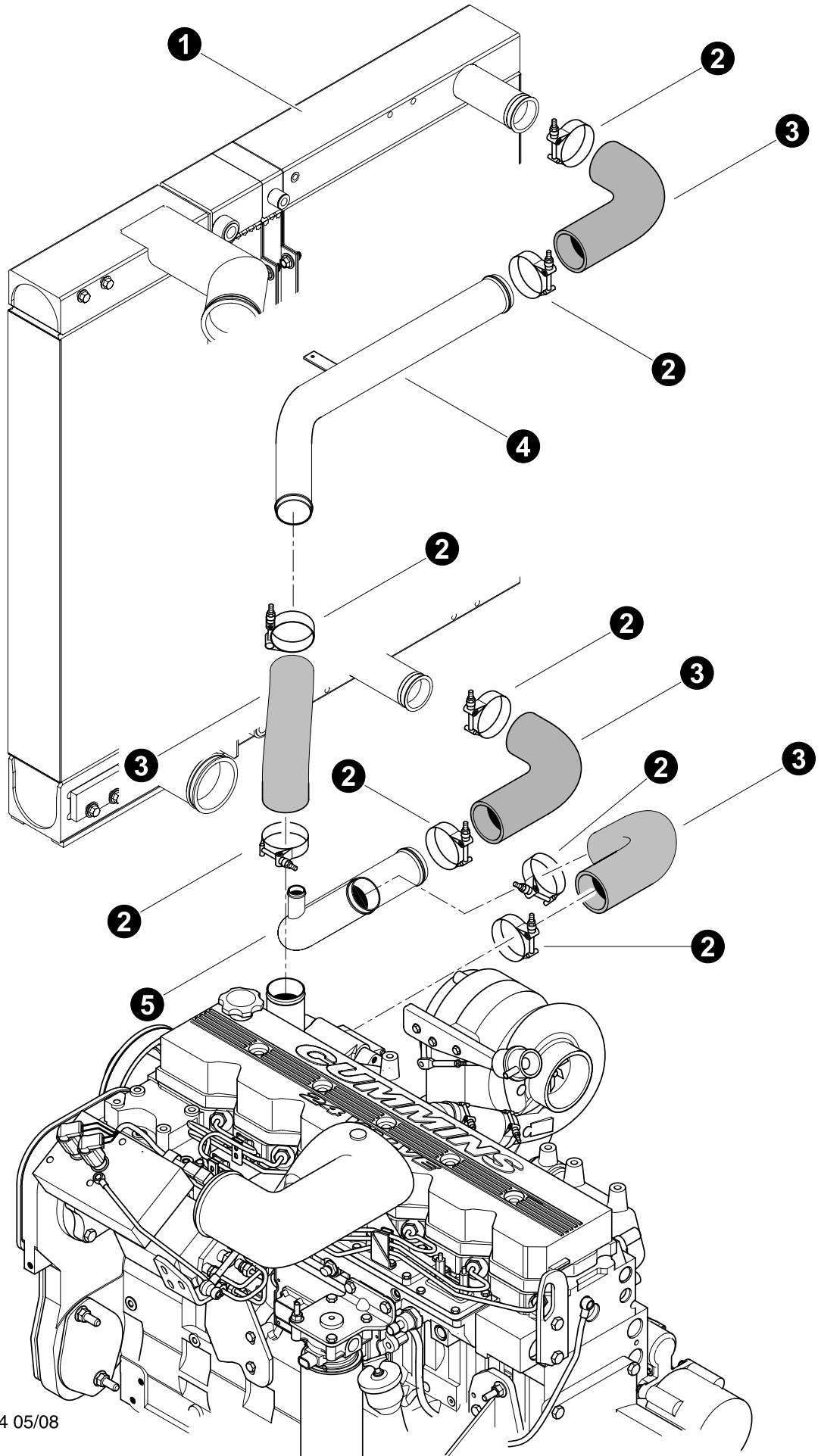


Parts T3583 05/08
12.50

RADIATOR/OIL & COOLER INSTALATION


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 UPPER TURNTABLE ASSEMBLY	UP-1
2	51825-EE	2	RUBBER, ISOLATOR - RAD (2"X39"X1/4")	
3	11707-EE	4	BOLT - .375" X 1"	
4	10802-EE	4	WASHER, FLAT - .375"	
5	52958-EE	2	BRACKET, RADIATOR UPPER (AKG) CURRENT	
6	-EE	2	RUBBER, ISOLATOR - UPPER RAD BRACKETS	
7	REF	1	 RADIATOR / CHARGE AIR ASSEMBLY	UP-3
8	52552-EE	36"	CHANNEL, EDGE PROTECTOR - 90DEG BULB	
9	-EE	2	RUBBER, ISOLATOR - LOWER RAD BRACKETS	
10	42554-EE	2	BRACKET, RADIATOR LOWER	
11	10783-EE	2	BOLT - .5" X 1"	
12	15534-EE	2	WASHER, SAE FLAT - .5"	
13	51826-EE	1	RUBBER, ISOLATOR - RAD (6"X39"X1/4")	


 See referenced page for component or assembly breakdown.

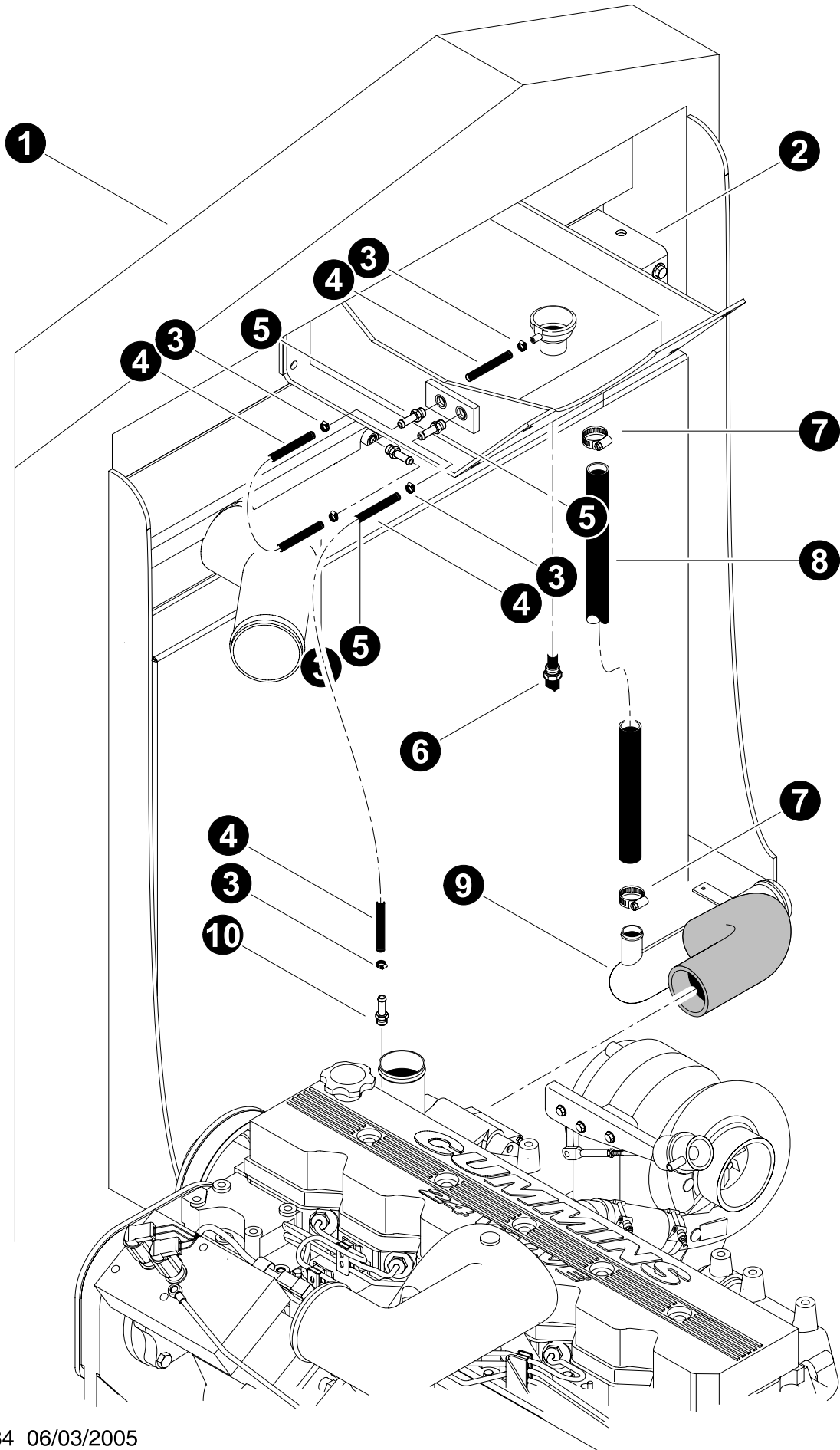


Parts T3584 05/08
12.5

RADIATOR TO ENGINE CONNECTIONS (QSC 300HP Engine)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 RADIATOR / CHARGE AIR ASSEMBLY	UP-3
2	18103-EE	8	CLAMP, CONSTANT TORQUE - #40	
3	15617-EE	4	HOSE, 90 DEG. RADIATOR - 2.5"	
4	52976-EE	1	TUBE, RADIATOR UPPER - CUMMINS W/AKG RAD	
5	52977-EE	2	TUBE, RADIATOR LOWER - CUMMINS W/AKG RAD	

 See referenced page for component or assembly breakdown.

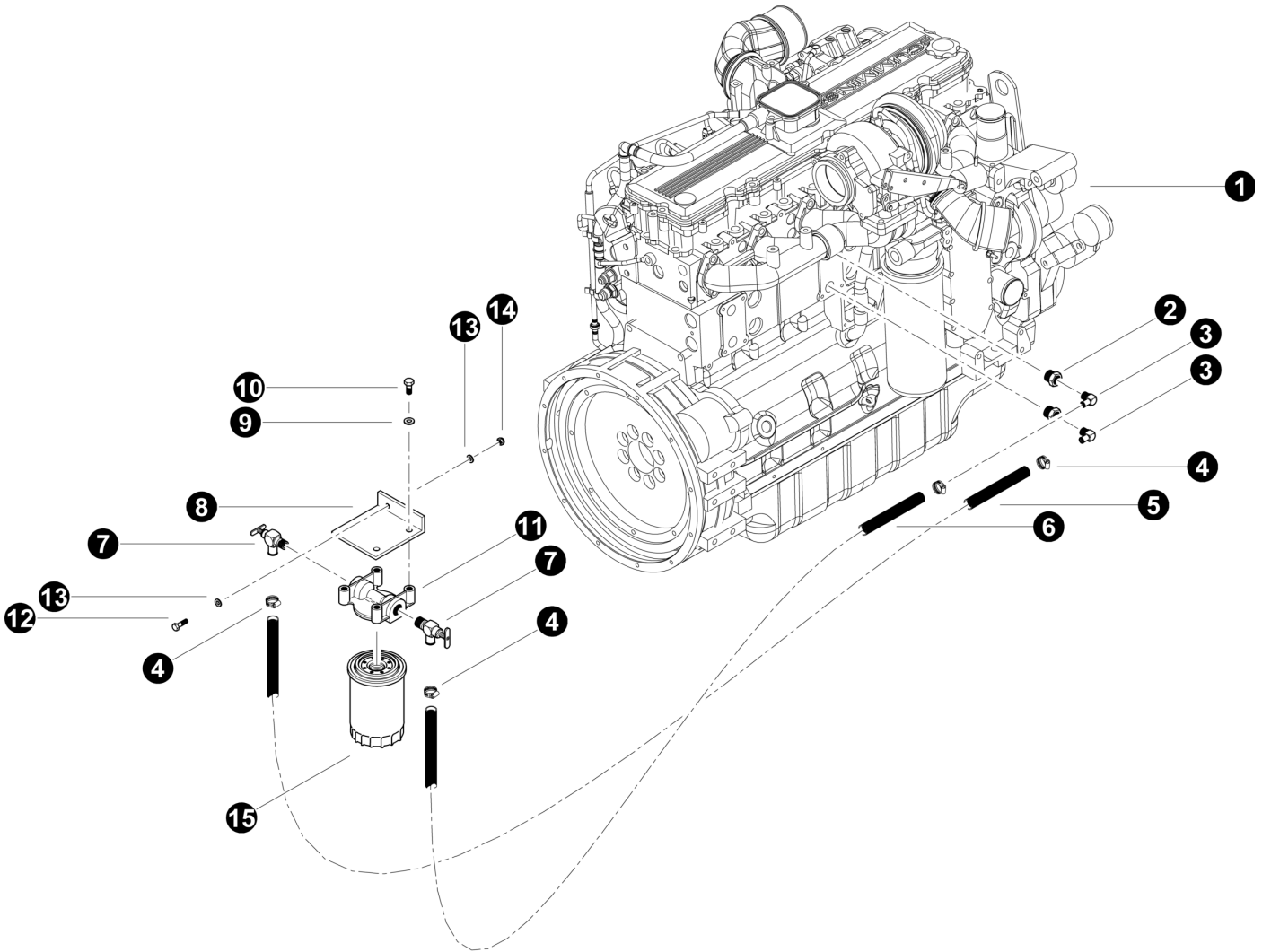


Parts T3134 06/03/2005
12.5

OVER FLOW TANK CONNECTIONS


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 UPPER TURNTABLE ASSEMBLY	UP-1
2	REF	1	 RADIATOR / CHARGE AIR ASSEMBLY	UP-3
3	16202-EE	5	CLAMP, HOSE - WORM STYLE - .625"	
4	16283-EE	-	HOSE, FUEL LINE (BULK ROLL) - .3125"	
5	16989-EE	3	CONNECTOR, STR HOSE BARB - 4245-5-2	
6	52661-EE	1	SENSOR, LOW COOLANT - TIER 3	
7	16256-EE	2	CLAMP, HOSE - WORM STYLE - 1"	
8	15677-EE	-	HOSE, HEATER - (BULK ROLL) 1" X 50'	
9	REF	1	 LOWER RADIATOR TUBE ASSEMBLY	EE-3
10	-EE	1	CONNECTOR, STR HOSE BARB (cummins with coolant orifice)	


 See referenced page for component or assembly breakdown.



Parts T3525 02/03/2007
12.5

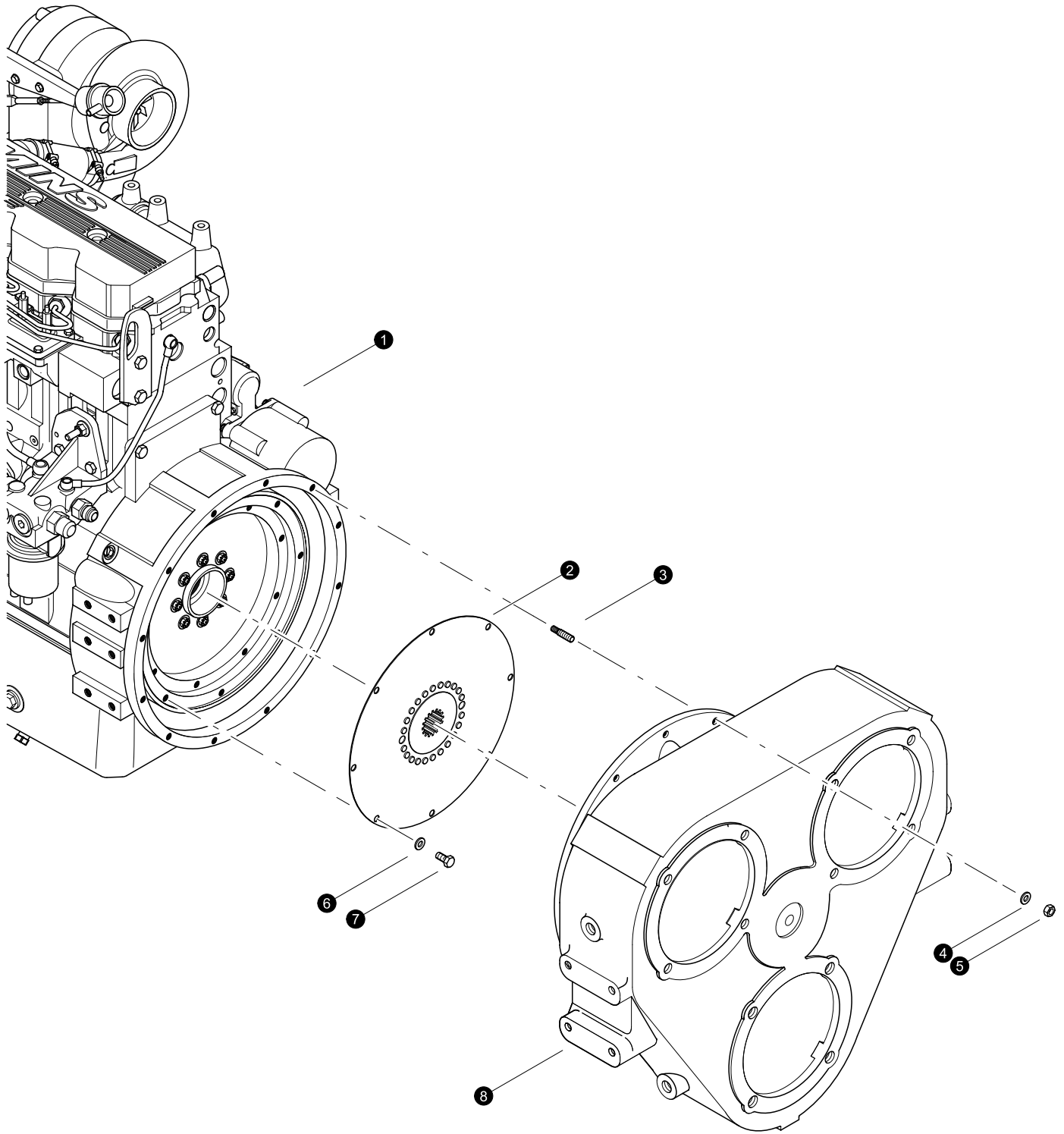
COOLANT FILTER INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 CUMMINS QSC ENGINE	EE-1
2	24288-EE	2	BUSHING, BRASS - .375 X .75	
3	24289-EE	5	CONNECTOR, STR HOSE BARB - BRASS	
4	16256-EE	4	CLAMP, HOSE - WORM STYLE - 1"	
5	25124-EE		HOSE, FUEL LINE (BULK ROLL) - .375"	
6	25124-EE		HOSE, FUEL LINE (BULK ROLL) - .375"	
7	52057-EE	2	VALVE, SHUT OFF (Cummins Coolant Filter)	
8	51939-EE	1	BRACKET, COOLANT FILTER	
9	11707-EE	2	BOLT - .375" X 1"	
10	15528-EE	2	WASHER, SAE FLAT - .375"	
11	16574-EE	1	MOUNT, FILTER HEAD ASSEMBLY	
12	15576-EE	2	BOLT - .25" X 1"	
13	10811-EE	2	NUT, LOCK - .25"	
14	10757-EE	4	WASHER, SAE FLAT - .25"	
15	20445-EE	1	FILTER, COOLANT - CUMMINS C SERIES	

 See referenced page for component or assembly breakdown.




Section EE-4

Cummins Engine - Pump Drive Transmission



Parts T3720 10/08
18.75

PUMP DRIVE TRANSMISSION INSTALLATION (Funk)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE - Cummins QSC8.3.	EE-1
2	REF.	1	 DRIVE PLATE	EE-4
3	15531-EE	12	STUD, threaded - 10mm x 45mm (See Note #1 below)	
4	15528-EE	20	WASHER, SAE flat - 3/8"	
5	15530-EE	12	NUT, hex - 10mm (See Note #2 below) (Torque to 40 ft.lbs. (53 Nm))	
6	15528-EE	20	WASHER, SAE flat - 3/8"	
7	15542-EE	8	BOLT - 3/8" x 3/4" (See Note #1 below) (Torque to 40 ft.lbs. (53 Nm))	
8	REF.	1	 PUMP DRIVE TRANSMISSION	EE-4

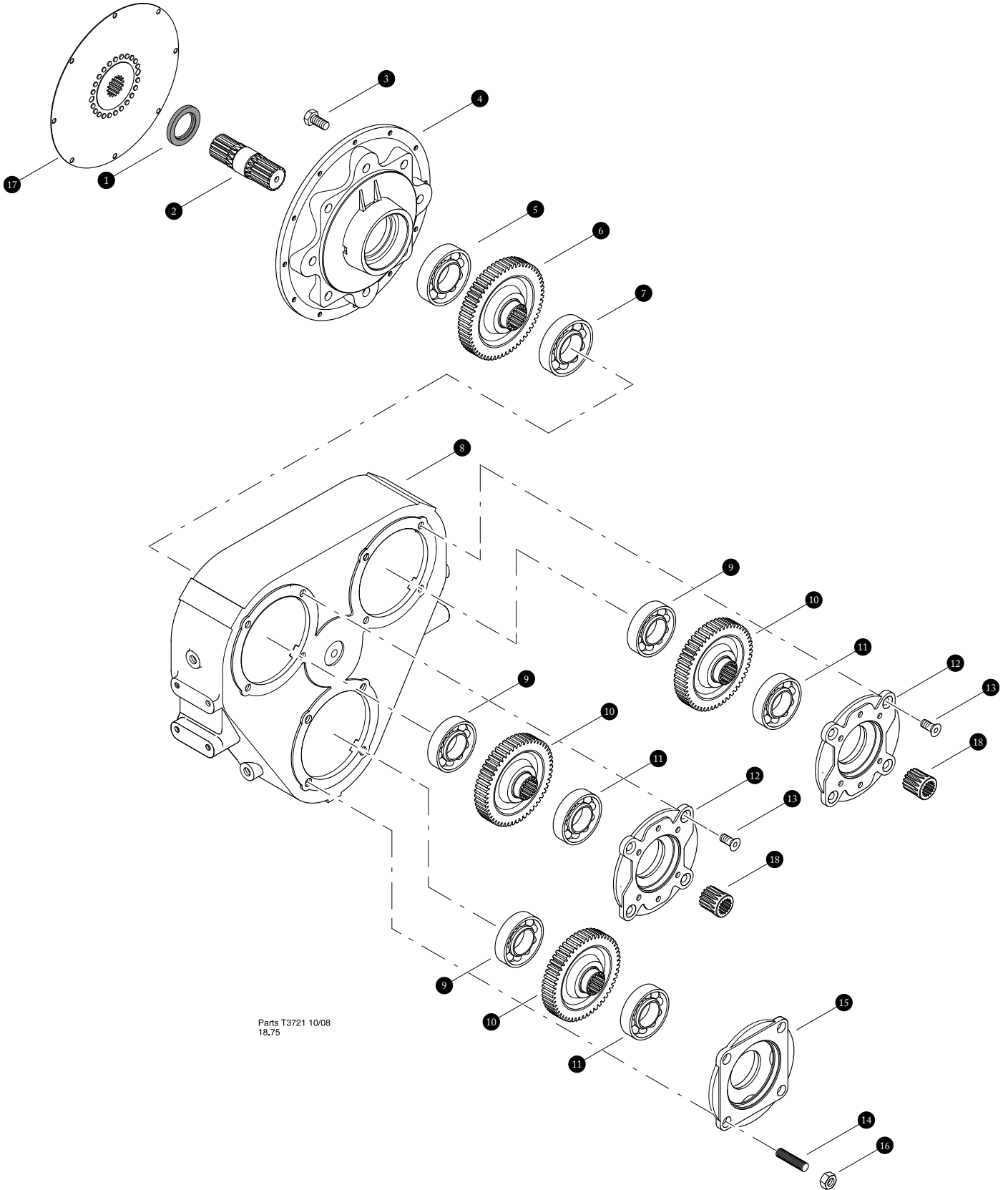
 See referenced page for component or assembly breakdown.

Note #1:

Use Loctite 271 (*red*) during installation.

Note #2:

Use Loctite 272 (*blue*) during installation.



Parts T3721 10/08
18.75

PUMP DRIVE TRANSMISSION BREAKDOWN (Funk)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52564-EE	1	<input type="checkbox"/> TRANSMISSION, triple pump drive (.723:1)	
1	18027-EE	1	SEAL, shaft	
2	18388-EE	1	SHAFT, drive	
3	F1008024-EE	8	BOLT, flywheel cover (See Note #1 Below)	
4	4059411 -EE	1	COVER, engine adapter housing (See Note #2 Below)	
5	F40214-EE	1	BEARING, input gear - front	
6	YZ590124-EE	1	GEAR, 65 Teeth	
7	F40214-EE	1	BEARING, input gear - rear	
8	YZ101822-EE	1	HOUSING,	
9	F41211-EE	2	BEARING,	
10	YZ590119-EE	2	GEAR, 47 Teeth	
11	F41211-EE	2	BEARING,	
12	YZ280186-EE	2	ADAPTER, pump pad (SAE "C")(Used with track drive pumps)((See Note #2 Below)	
13	F1122824-EE	1	BOLT, counter sunk	
14	40281351-EE	4	STUD, "D" Mount	
15	YZ280187-EE	1	ADAPTER, pump pad (SAE "D")(See Note #2 Below)	
16	10776-EE	4	NUT, hex - 3/4"	
17	18028-EE	1	DRIVEPLATE	
18	4028056-EE	2	ADAPTER, Sleeve 14 tooth "C"	

- Kit or Assembly - includes all items indented underneath.

Note #1:

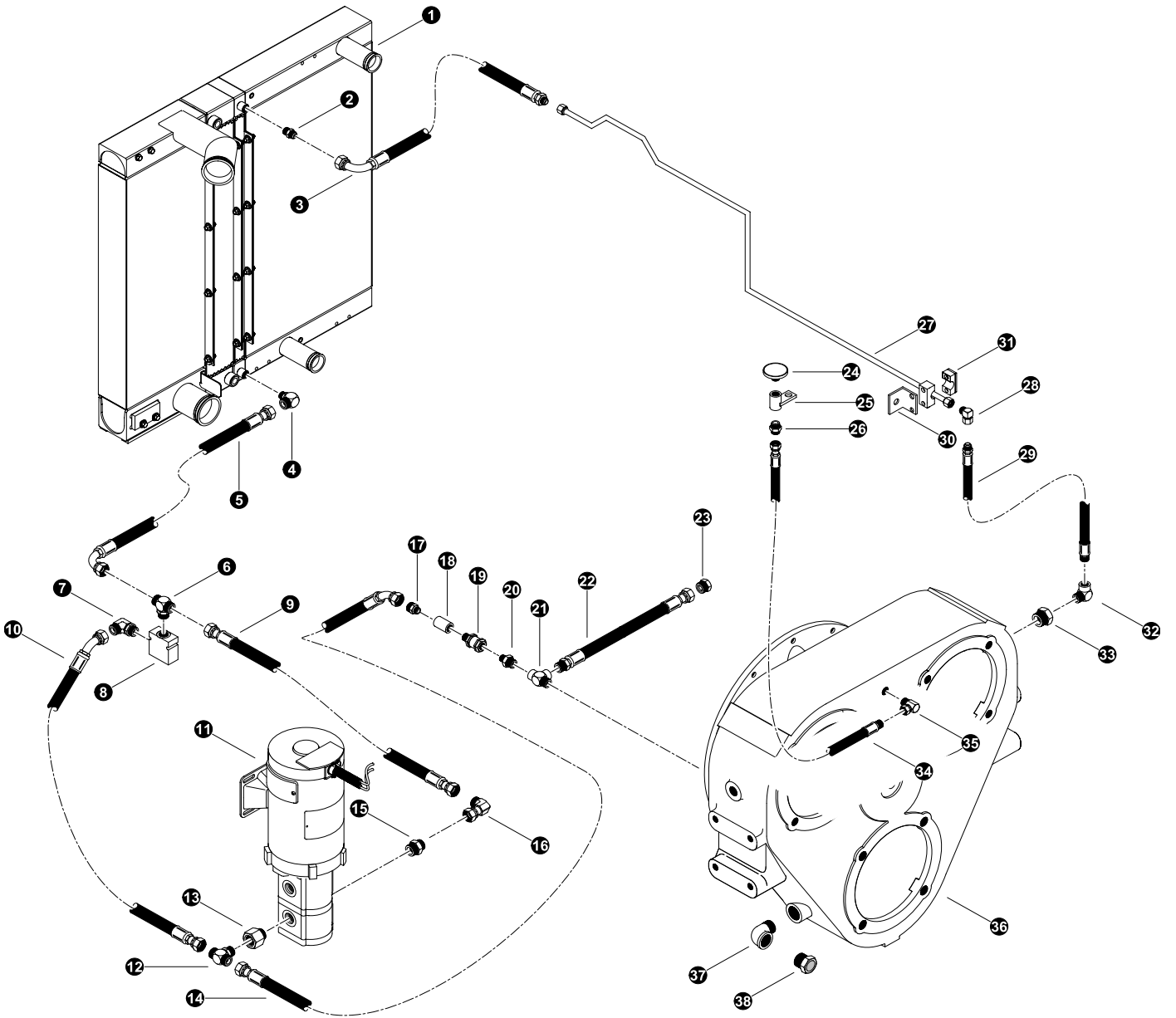
Use Loctite 272 (blue) during installation.

Note #2:

Use Silicone sealant during installation.



Note #3:

Use teflon sealant during installation.



T3722 10/08
10.5

PUMP DRIVE COOLING SYSTEM

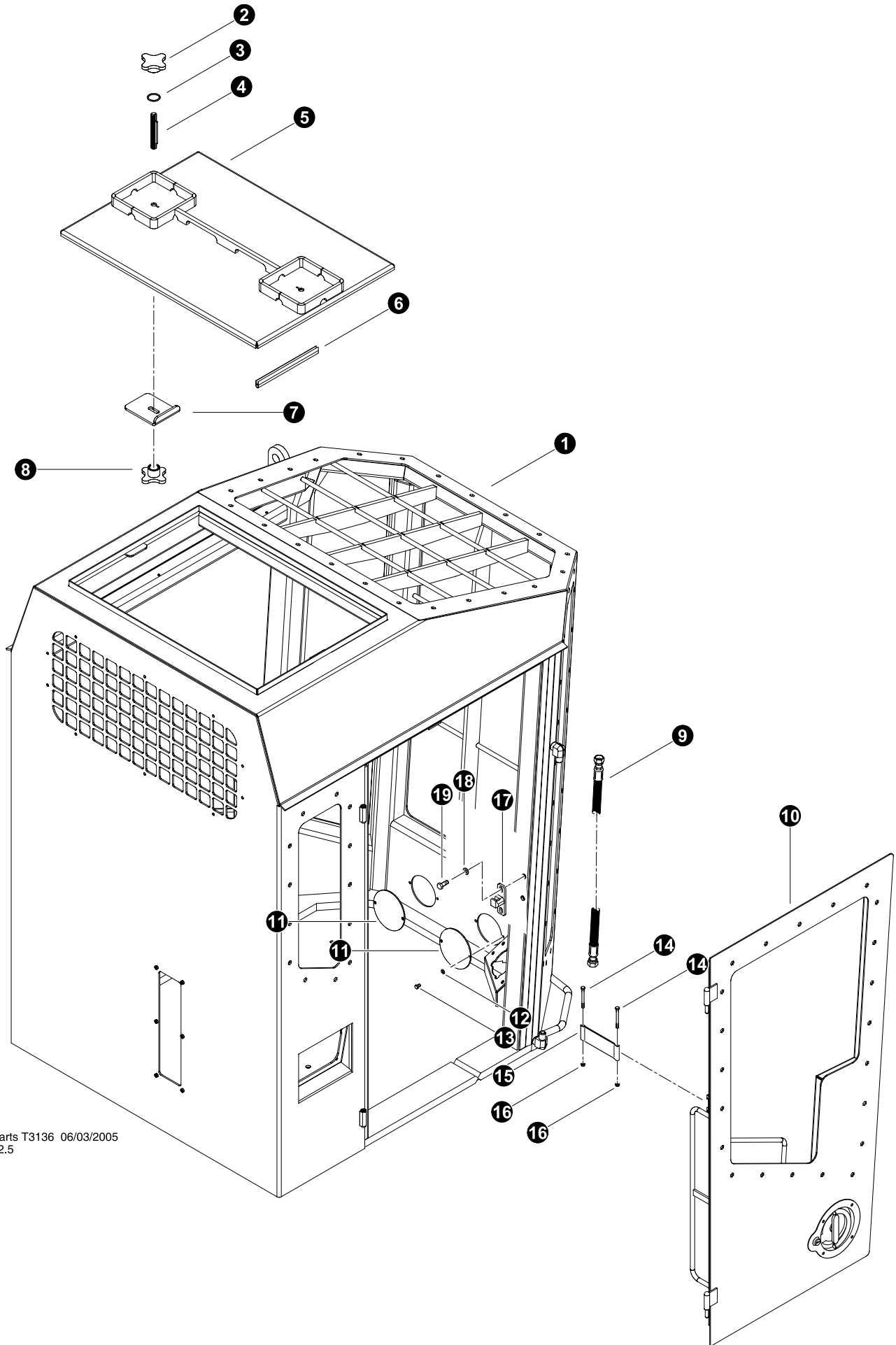
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 RADIATOR / AIR COOLER ASSEMBLY	UP-3
2	15488-EE	1	CONNECTOR, STR - 6400-6	
3	-EE	1	HOSE ASSEMBLY - 2015-06-06JS-06J9	
4	22405-EE	1	ELBOW, 90 - 8-6 C5OLO-S	
5	-EE	1	HOSE ASSEMBLY - 2036.5-08-08OS-08O9	
6	20066-EE	1	TEE - 8 S5OLO-S - BRANCH	
7	16669-EE	1	ELBOW, 90 - FF2032T-0808S	
8	53206-EE	1	VALVE, CHECK - GEAR BOX COOLER LOOP	
9	-EE	1	HOSE ASSEMBLY - 2008-08-08OS-08OS	
10	-EE	1	HOSE ASSEMBLY - 2008-08-08OS-08OS	
11	REF.	1	FILL PUMP ASSEMBLY.	UP-2
12	20066-EE	1	TEE - 8 S5OLO-S - BRANCH	
13	20067-EE	1	BUSHING, REDUCER - 6410-12-8	
14	-EE	1	HOSE ASSEMBLY - 2027.5-08-08OS-08O4	
15	15115-EE	1	CONNECTOR, STR - 848-TTO-08X10	
16	16297-EE	1	ELBOW, 90 SWIVEL - FF2098T-0808S	
17	22902-EE	1	CONNECTOR, STR - 848-TT-08X06	
18	53106-EE	1	COUPLING, PIPE - 3/8"	
19	15652-EE	1	VALVE, CHECK - HYDRAULIC/FUEL TANK	
20	53107-EE	1	CONNECTOR, STR - 1/2 X 3/8 FF-S	
21	53074-EE	1	TEE (1/2" MNPT BRANCH)	
22	-EE	1	HOSE ASSEMBLY - 2016-08-08PS-08OS	
23	16032-EE	1	PLUG - FF9767-08S	
24	-EE	1	VENT, (Funk - F68103)	
25	53067-EE	1	BRACKET, VENT MOUNT .38NPT (FUNK BOX)	
26	16295-EE	1	CONNECTOR, STR - FF2031T-0604S	
27	53005-EE	1	TUBELINE, GEAR LUBE	
28	16661-EE	1	ELBOW, 90 SWIVEL - 6500-6	
29	-EE	1	HOSE ASSEMBLY - 2023-06-06MJ-04MP	
30	53011-EE	1	BRACKET, TUBE LINE CLAMP G/B COOLER LINE	
31	53010-EE	1	CLAMP, STEEL TUBELINE - SINGLE 3/8" G/B	
32	53085-EE	1	ELBOW, 90 STREET - 1/4"	
33	53199-EE	1	FITTING, REDUCER - 1" X 1/4" PTR-S	
34	-EE	1	HOSE ASSEMBLY - 2024-06-06OS-08MP	
35	10395-EE	1	ELBOW, 90 SWIVEL - 1501-8-8	
36	REF.	1	 PUMP DRIVE TRANSMISSION	EE-4
37	53069-EE	1	ELBOW, 90 STREET - 1"	
38	24308-UP	1	SIGHT GLASS	

Kit or Assembly - includes all items indented underneath.

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OC-1

Operator's Cab - Cab Weldment and Installation



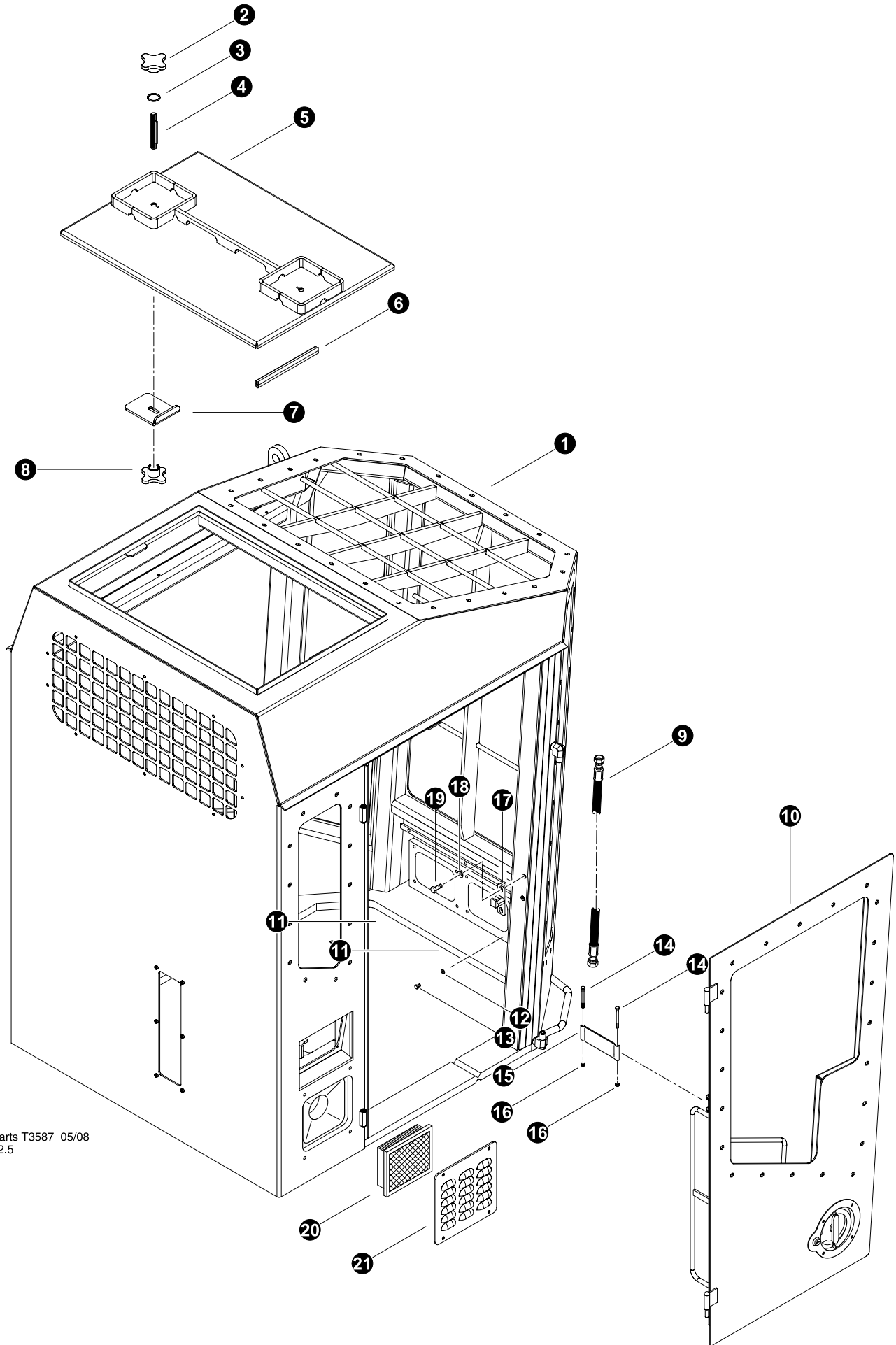
Parts T3136 06/03/2005
12.5

CAB WELDMENT ASSEMBLY (Machines built 05/13/08 and before)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	51572-OC	1	☐	WELDMENT, CAB - NEW MACH	
2	52060-OC	2		KNOB, STAR - EMERGENCY ESCAPE (O-RING SEAL)	
3	52066-OC	2		O-RING, EMERGENCY ESCAPE	
4	16538-OC	2		STUD, 2-WAY - .5" X 3.5"	
5	52059-OC	1		HATCH, ESCAPE - ROOF 830-630	
6	15694-OC	10 ft	✂	WEATHERSTRIPPING - .25" X 1"	
7	52062-OC	2		BRACKET, EMERGENCY ESCAPE 830	
8	52061-OC	1		KNOB, STAR - EMERGENCY ESCAPE	
9	52033-OC	1		HOSE, CAB HANDLE - 4037.5-08-10JS-10JS	
10	REF	1		CAB DOOR ASSEMBLY.....	OC-1
11	52064-OC	1		COVER, FRONT LIGHT - 830	
12	10757-OC	4		WASHER, SAE FLAT - .25"	
13	15604-OC	4		BOLT - .25" X .75"	
14	10818-OC	2		BOLT - .25" X 3"	
15	51981-OC	1		STRAP, DOOR STOP - 830/630	
16	10811-OC	2		NUT, LOCK - .25"	
17	17896-OC	1		STRIKER, DOOR LATCH	
18	15528-OC	2		WASHER, SAE FLAT - .375"	
19	15542-OC	2		BOLT - .375" X .75"	

☐ Kit or Assembly - includes all items indented underneath.

✂ Bulk material - order length required in feet or meters.



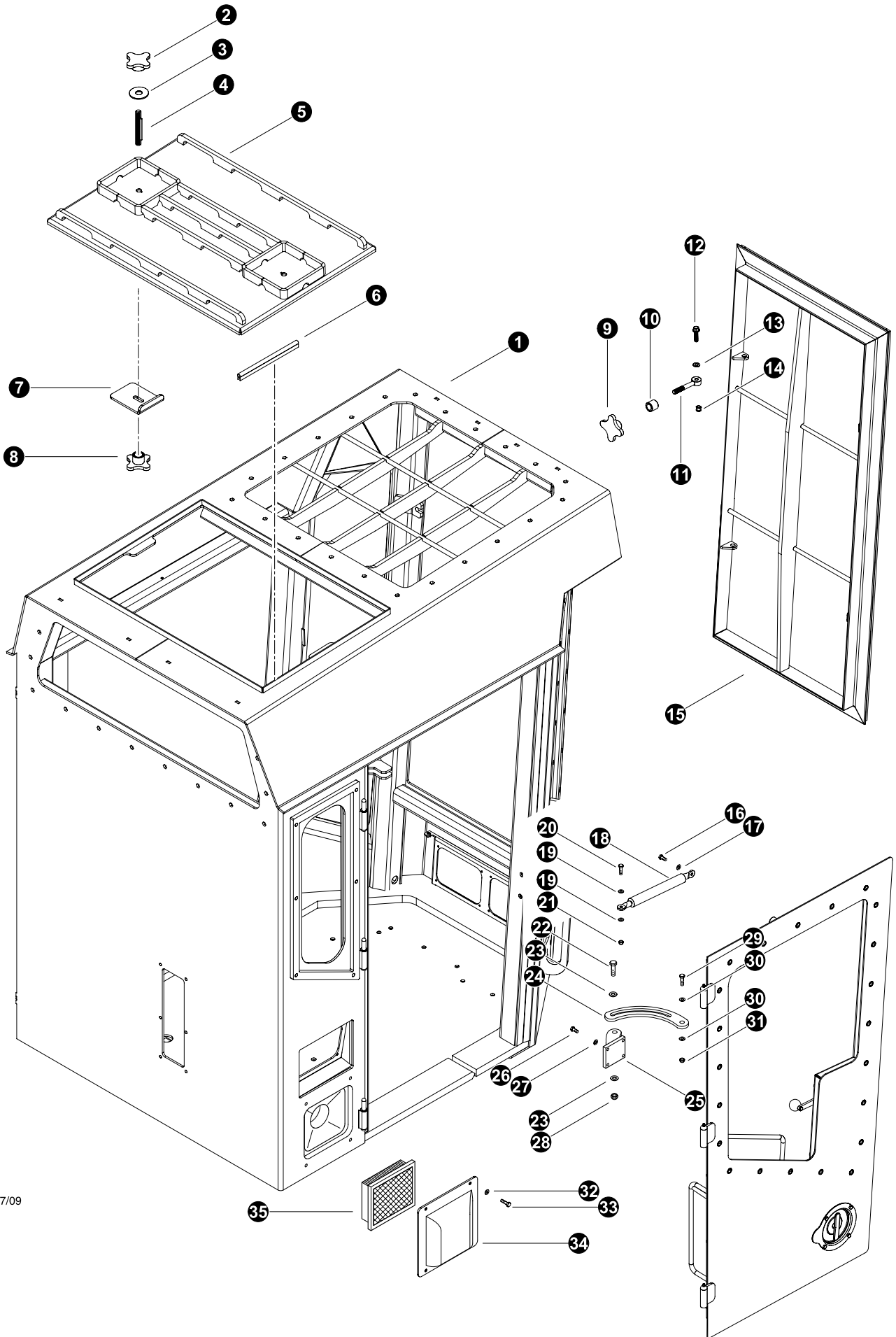
Parts T3587 05/08
12.5

**CAB WELDMENT ASSEMBLY
(Machines built after 05/13/08
and built before 04/12/09)**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53162-OC	1	☐	WELDMENT, CAB - FORWARDER EXTENDED FRONT	
2	52060-OC	2		KNOB, STAR - EMERGENCY ESCAPE (O-RING SEAL)	
3	52066-OC	2		O-RING, EMERGENCY ESCAPE	
4	16538-OC	2		STUD, 2-WAY - .5" X 3.5"	
5	52059-OC	1		HATCH, ESCAPE - ROOF 830-630	
6	15694-OC	10 ft	✂	WEATHERSTRIPPING - .25" X 1"	
7	52062-OC	2		BRACKET, EMERGENCY ESCAPE 830	
8	52061-OC	1		KNOB, STAR - EMERGENCY ESCAPE	
9	52033-OC	1		HOSE, CAB HANDLE - 4037.5-08-10JS-10JS	
10	REF	1		CAB DOOR ASSEMBLY.....	OC-1
11	52064-OC	1		COVER, FRONT LIGHT - 830	
12	10757-OC	4		WASHER, SAE FLAT - .25"	
13	15604-OC	4		BOLT - .25" X .75"	
14	10818-OC	2		BOLT - .25" X 3"	
15	51981-OC	1		STRAP, DOOR STOP - 830/630	
16	10811-OC	2		NUT, LOCK - .25"	
17	17896-OC	1		STRIKER, DOOR LATCH	
18	15528-OC	2		WASHER, SAE FLAT - .375"	
19	15542-OC	2		BOLT - .375" X .75"	
20	-OC	1		FILTER, Cab Air Intake (napa 6026)	
21	-OC	1		Panel, Cab Air Vent (006659-00)	

☐ Kit or Assembly - includes all items indented underneath.

✂ Bulk material - order length required in feet or meters.



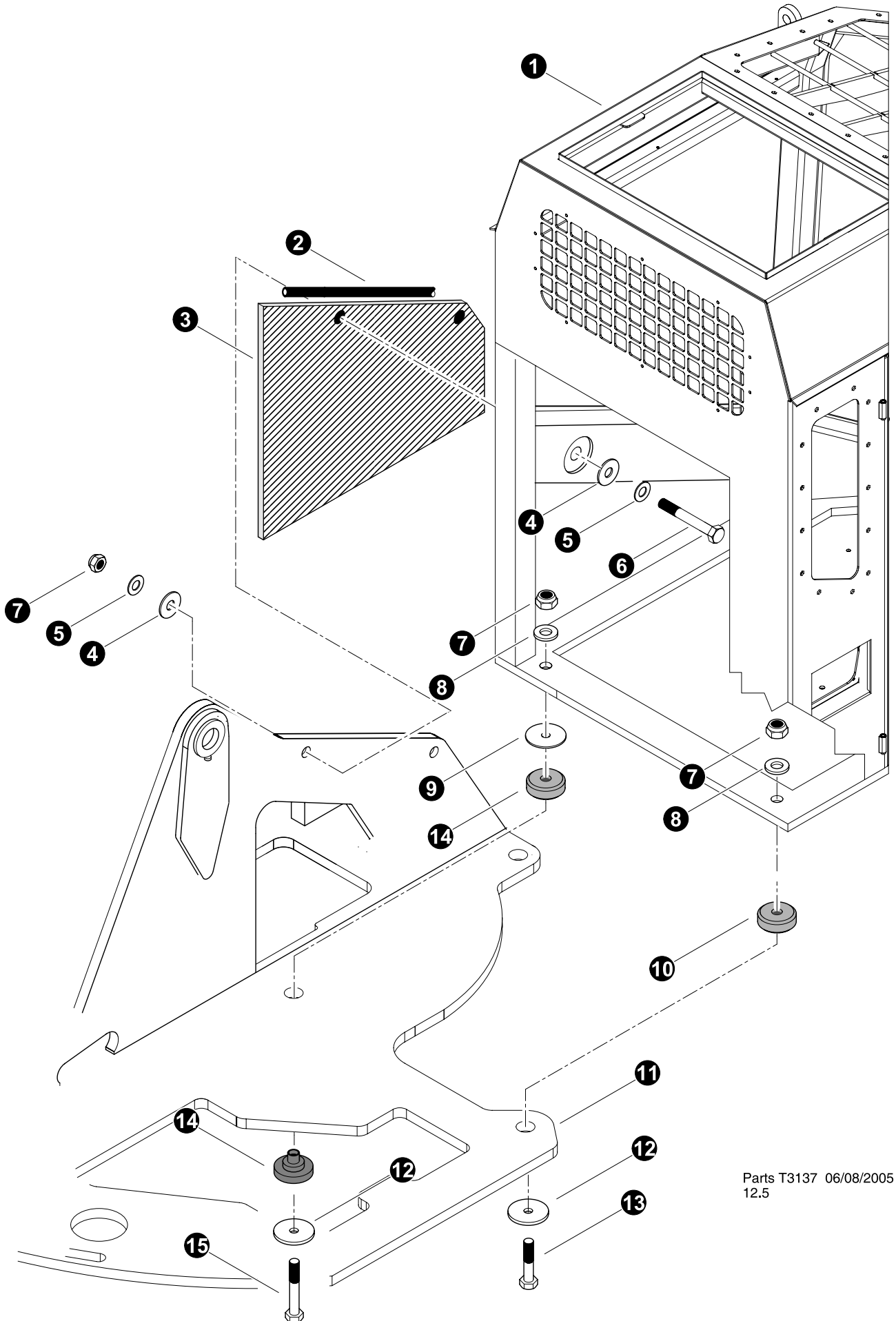
Parts T3779 07/09
12.5

CAB WELDMENT ASSEMBLY (Machines built after 04/12/09)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53768-OC	1	☐	WELDMENT, CAB - FLAT TOP	
2	52060-OC	2		KNOB, STAR - EMERGENCY ESCAPE	
3	63246-OC	2		SEAL, EMERGENCY ESCAPE	
4	G2319-OC	2		STUD, 2-WAY - .5" X 3.5"	
5	52059-OC	1		HATCH, ESCAPE - ROOF 830-630 (06211-00)	
6	06212-OC	10 ft	✂	WEATHERSTRIPPING	
7	06218-00-OC	2		BRACKET, EMERGENCY ESCAPE 830	
8	06214-00-OC	2		KNOB, STAR - EMERGENCY ESCAPE INSIDE	
9	12013-OC	4		KNOB, STAR - EMERGENCY ESCAPE INSIDE	
10	16539-OC	4		STANDOFF, hatch bolt	
11	6066K45-OC	4		SWING BOLT	
12	20084-OC	4		BOLT - .375" X 1.75"	
13	15528-OC	12		WASHER, SAE FLAT - .375"	
14	10813-OC	4		NUT, LOCK - .375"	
15	13246-00-OC	1		WELDMENT, KICKOUT WINDOW	
16	15605-OC	1		BOLT - .3125" X .75"	
17	15559-OC	1		WASHER, SAE FLAT - .3125"	
18	54339-OC	1		CYLINDER, Contant Speed (machines built between 04/09 to 11/2012)	
18	55121-OC	1		CYLINDER, Contant Speed (machines built after 11/2012)	
19	15559-OC	2		WASHER, SAE FLAT - .3125"	
20	15589-OC	1		BOLT - .3125" X 1"	
21	10812-OC	1		NUT, LOCK - .3125"	
22	10736-OC	1		BOLT - .5" X 2"	
23	15534-OC	2		WASHER, SAE FLAT - .5"	
24	13264-00	1		LINK, Door Stop	
25	13260-00	1		WELDMENT, bolt on lug - door stop	
26	15605-OC	4		BOLT - .3125" X .75"	
27	15559-OC	4		WASHER, SAE FLAT - .3125"	
28	10815-OC	1		NUT, LOCK - .5"	
29	15529-OC	1		BOLT - .375" X 2"	
30	15528-OC	2		WASHER, SAE FLAT - .375"	
31	10813-OC	1		NUT, LOCK - .375"	
32	15559-OC	4		WASHER, SAE FLAT - .3125"	
33	15589-OC	4		BOLT - .3125" X 1"	
34	13235-00-OC	1		COVER, Cab Air Vent	
35	BT8-1212-OC	1		FILTER, Cab Air Intake (BT8-1212)	



☐ Kit or Assembly - includes all items indented underneath.


✂ Bulk material - order length required in feet or meters.



Parts T3137 06/08/2005
12.5

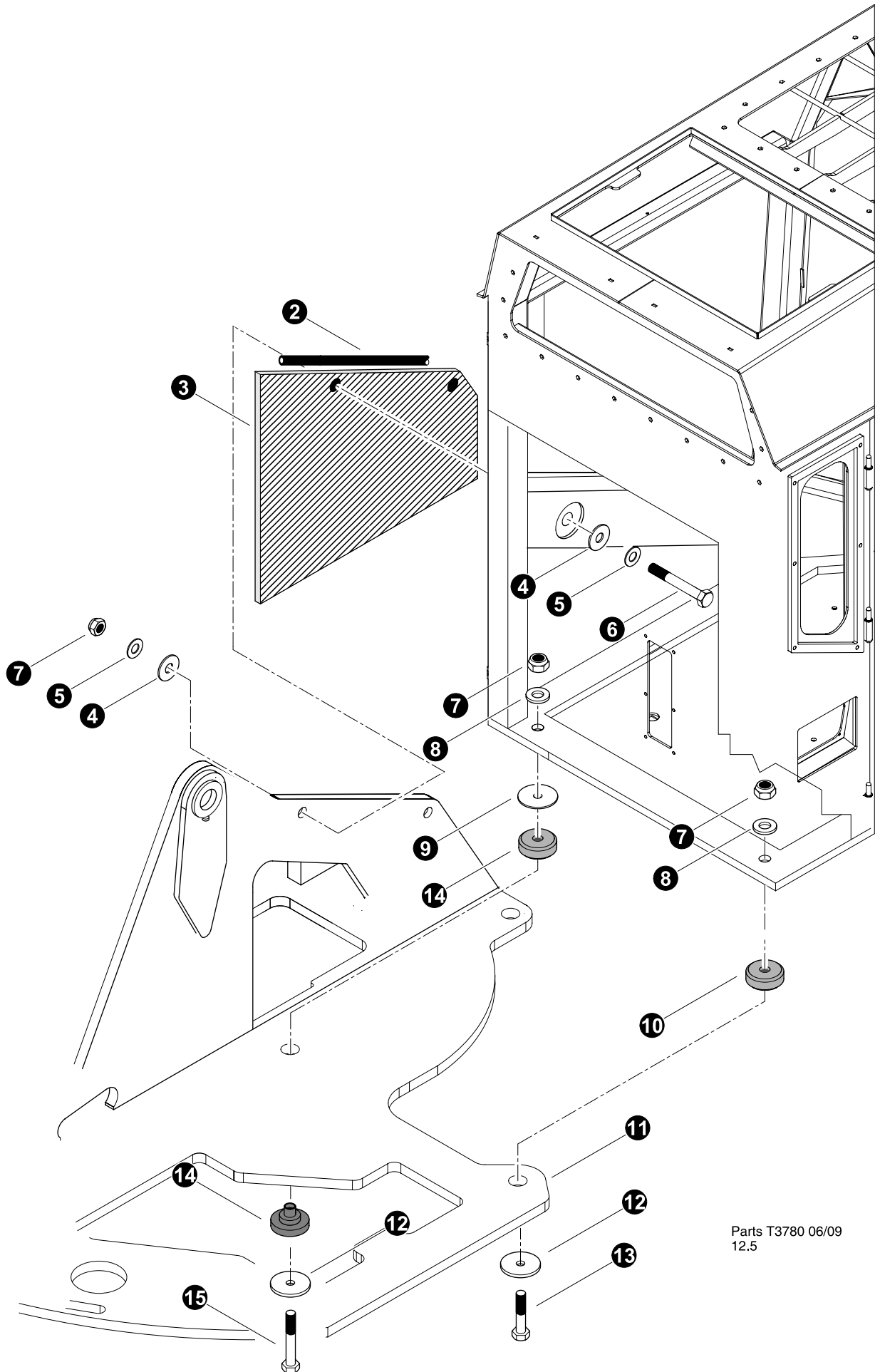
CAB INSTALLATION (Machines built before 04/12/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 CAB WELDMENT	OC-1
2	16717-OC	8 ft	HOSE, HEATER - (BULK ROLL) .625" X 250'	
3	42739-OC	1	INSULATION, SOUNDPROOF - CAB	
4	17065-OC	3	WASHER, rubber	
5	10808-OC	4	WASHER, FLAT - 1"	
6	18672-OC	2	BOLT - 1" X 7.5"	
7	18253-OC	5	NUT, LOCK - 1"	
8	15579-OC	3	WASHER, SAE FLAT - 1"	
9	50061-OC	3	WASHER, cab mount isolator	
10	19295-OC	3	ISOLATOR, CAB MOUNTING - FWD	
11	REF.	1	 UPPER TURNTABLE ASSEMBLY	UP-1
12	19369-OC	3	WASHER, cab mount isolator - (.5 thick)	
13	50263-OC	1	BOLT, 1" x 5.5" (see note 1 below)	
14	18141-OC	2	ISOLATOR, CAB MOUNTING	
15	23387-OC	2	BOLT - 1" X 6.5"	

 See referenced page for component or assembly breakdown.



Note 1

Use loctite 271 (red) on treads during installation.



Parts T3780 06/09
12.5

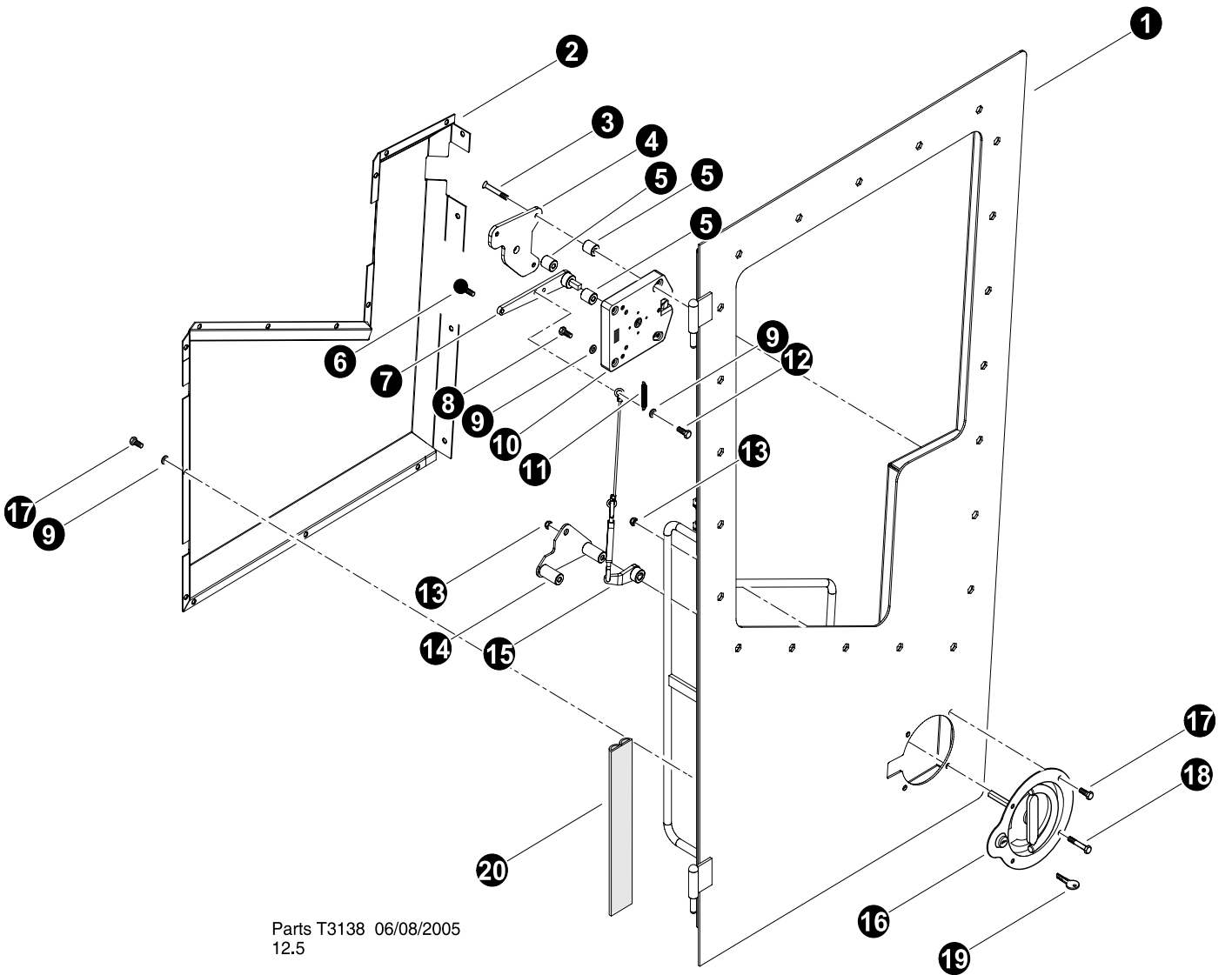
CAB INSTALLATION (Machines built after 04/12/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 CAB WELDMENT	OC-1
2	16717-OC	8 ft	HOSE, HEATER - (BULK ROLL) .625" X 250'	
3	42739-OC	1	INSULATION, SOUNDPROOF - CAB	
4	17065-OC	4	WASHER, rubber	
5	51320-OC	4	WASHER, SAE FLAT - 1.125"	
6	53856-OC	2	BOLT - 1.125-12 X 6.5" (FINE THREAD)	
7	53857-OC	5	NUT, LOCK - 1.125" (FINE THREAD)	
8	15579-OC	3	WASHER, SAE FLAT - 1"	
9	50061-OC	2	WASHER, cab mount isolator	
10	19295-OC	1	ISOLATOR, CAB MOUNTING - FWD	
11	REF.	1	 UPPER TURNTABLE ASSEMBLY	UP-1
12	19369-OC	3	WASHER, cab mount isolator - (.5 thick)	
13	50263-OC	1	BOLT, 1" x 5.5" (see note 1 below)	
14	18141-OC	2	ISOLATOR, CAB MOUNTING	
15	23387-OC	2	BOLT - 1" X 6.5"	

 See referenced page for component or assembly breakdown.

Note 1

Use loctite 271 (red) on treads during installation.



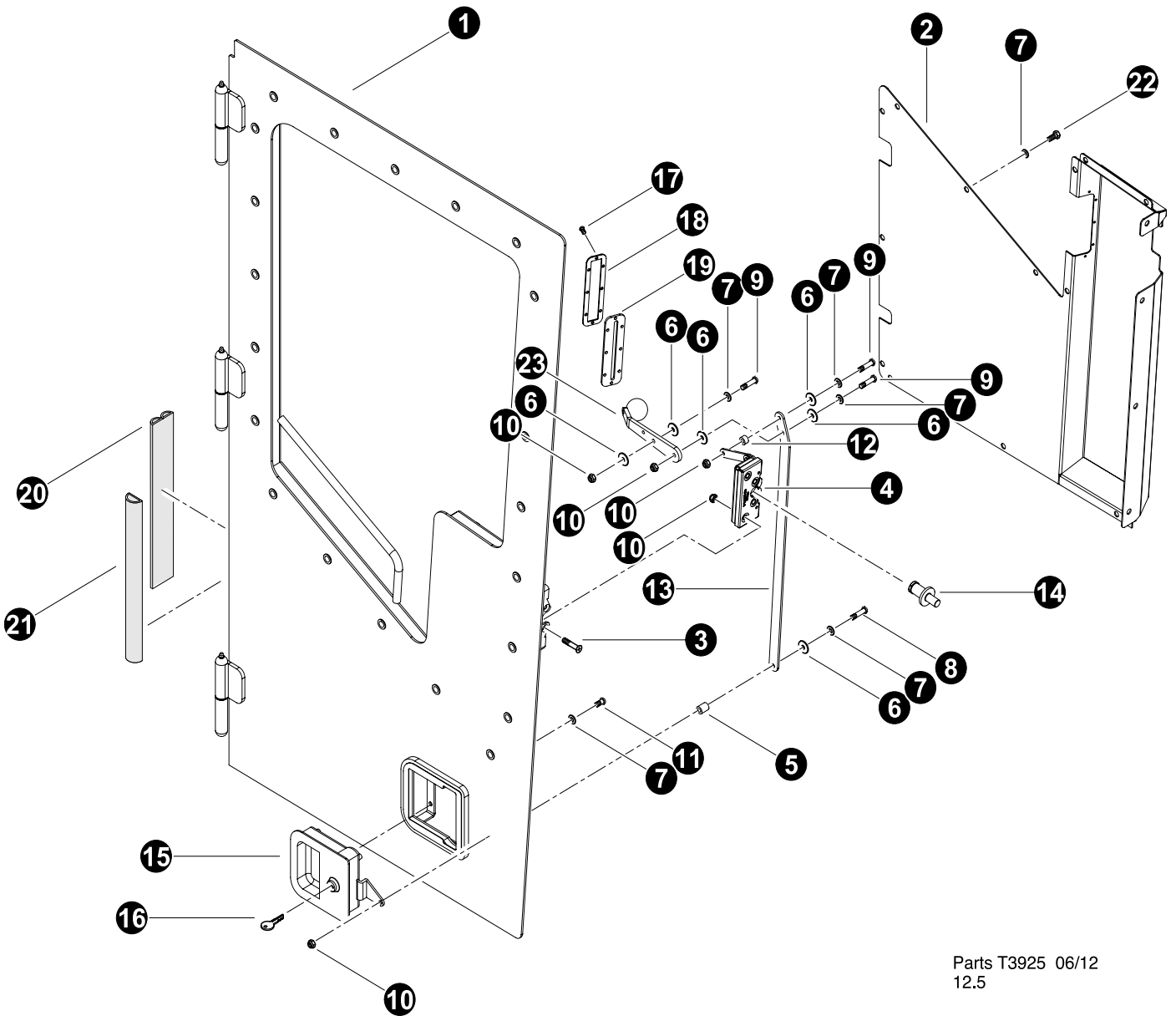
Parts T3138 06/08/2005
12.5

DOOR LATCH INSTALLATION (Machines Built Before 11/13/2012))

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52063-OC	1	☐	DOOR, CAB - 830 (hinges shipped loose)	
2	52067-OC	1		COVER, DOOR - 830	
3	52068-OC	1		BOLT, COUNTERSUNK	
4	52069-OC	4	☐	PLATE, DOOR LATCH	
5	-	3		SPACER, DOOR LATCH (included with plate)	
6	52070-OC	1		KNOB, DOOR LATCH	
7	52071-OC	1		LEVER, DOOR LATCH - 830	
8	18273-OC	4		BOLT - 1/4" x 2-3/4"	
9	10757-OC	20		WASHER, SAE FLAT - .25"	
10	17895-OC	1		LATCH, DOOR	
11	52072-OC	1		SPRING, DOOR LATCH	
12	15604-OC	1		BOLT - .25" X .75"	
13	10811-OC	4		NUT, LOCK - .25"	
14	-OC	2		STANDOFF (05955-00)	
15	52073-OC	1		CABLE ASSEMBLY - DOOR LATCH	
16	19248-OC	1		HANDLE, outside door	
17	15604-OC	16		BOLT - .25" X .75"	
18	15508-OC	2		BOLT - .25" X 2.5"	
19	16940-OC	1		KEY, door (Key code CH1250)	
20	18126-OC	AR	✂	WEATHERSTRIP, door	

☐ Kit or Assembly - includes all items indented underneath.

✂ Bulk material - order length required in feet or meters.



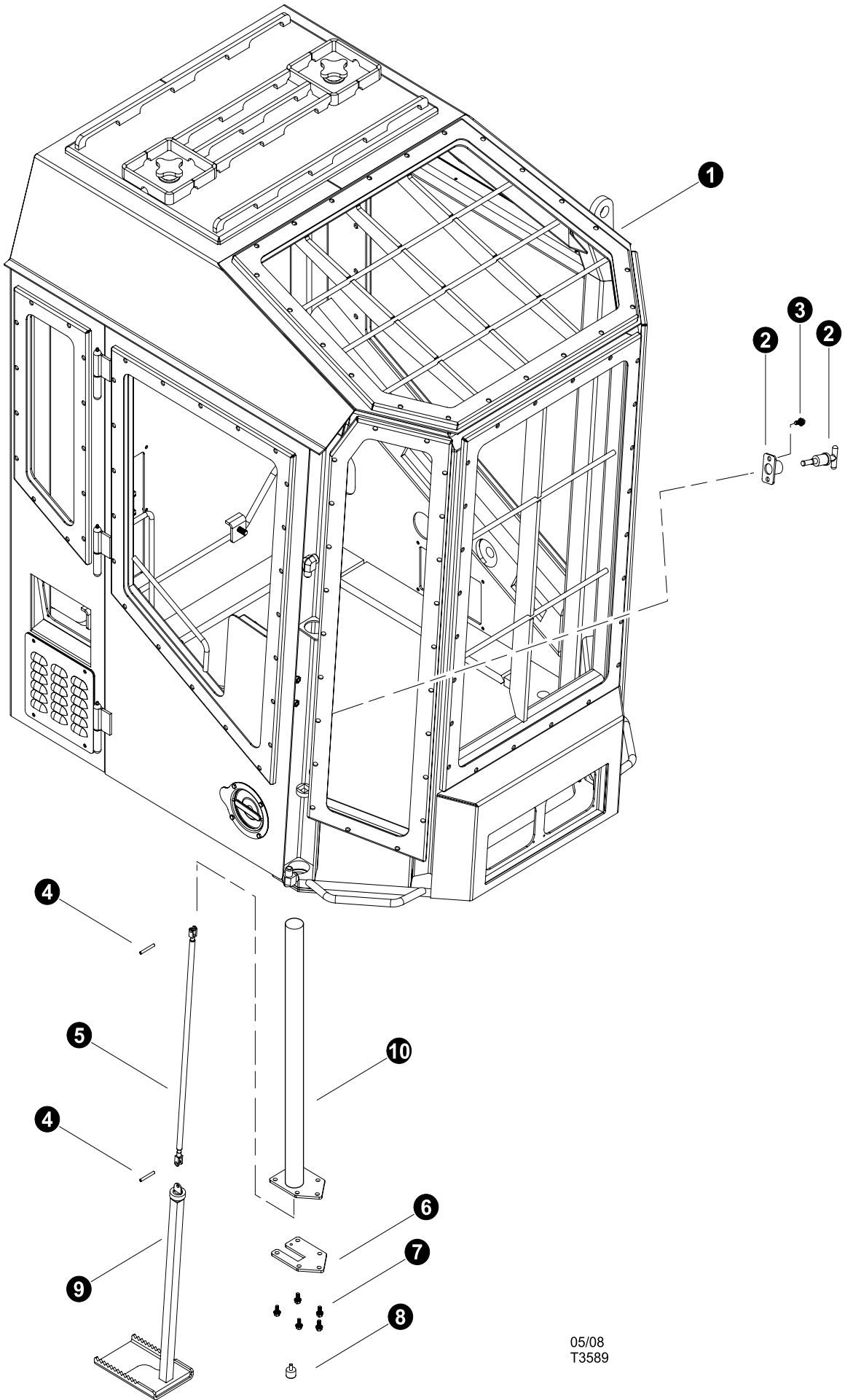
Parts T3925 06/12
12.5

DOOR LATCH INSTALLATION (Machines built after 11/13/2012)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	13272-00-OC	1	☐	DOOR, CAB - FlatTop (hinges shipped loose)	
2	06142-00-OC	1		COVER, DOOR - 830B	
3	52068-OC	1		BOLT, COUNTERSUNK	
4	63079-OC	1		DOOR LATCH	
5	1045877-	3		PLASTIC SPACER,	
6	63220-OC	6		PLASTIC WASHER 1/4" ID 5/8" LONG	
7	10757-OC	-		WASHER, SAE FLAT - .25"	
8	1050412-OC	3		BOLT - 1/4" X 1.5" Button Head	
9	23226-OC	3		BOLT - 1/4" X 1.25" Button Head	
10	10811-OC	4		NUT, LOCK - .25"	
11	24999-OC	1		#10-24 screws	
12	1050409-OC	1		PLASTIC WASHER 1/4" ID 5/16" LONG	
13	1050227-OC	1		LINK, DOOR LATCH	
14	1050263-OC	2		STRIKER BOLT	
15	63100-OC	1		HANDLE, DOOR LATCH	
16	54855-OC	1		KEY (CH 751)	
17	83303-OC	8		#8-32 x 1/4" screw	
18	06149-00	1		RETAINER	
19	06148-00-OC	1		GASKET, Paddle Handle	
20	18126-OC	AR	✂	WEATHERSTRIP, door	
21	54050-OC	AR	✂	WEATHERSTRIPPING, RUBBER-REAR DOOR SEAL	
22	45040-OC	18		BOLT, 1/4" x 1/2"	
23	1050252-OC	1		HANDLE	

☐ Kit or Assembly - includes all items indented underneath.

✂ Bulk material - order length required in feet or meters.



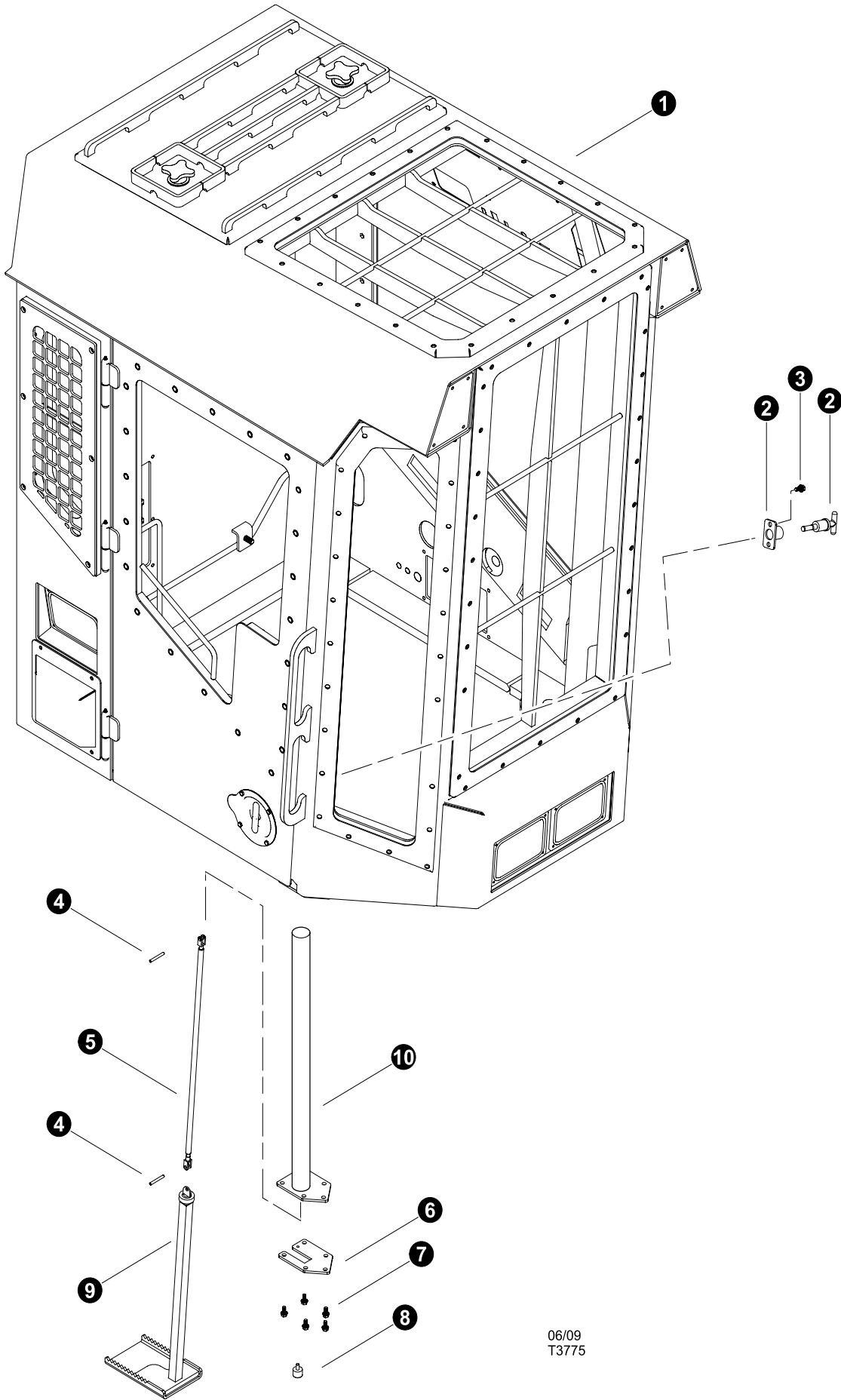
05/08
T3589

DOOR STEP INSTALLATION (Machines built before 04/12/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	OPERATOR'S CAB	OC-1
2	54117-OC	1	Bracket, Latch (06490-00)	
3	-OC	2	BOLT, Serated 3/8" X 3/4" (18003)	
-	53758-OC	1	<input type="checkbox"/> ASSEMBLY, CAB STEP	
4	52781-OC	1	PIN, ROLL - CAB STEP (63187)	
5	54141-OC	1	SHOCK, Bansbach (C5C5Z-43-305-746/090N)	
6	54116-OC	1	PLATE, Step Retainer (06496-00)	
7	-OC	3	BOLT, Serated 3/8" X 3/4" (18003)	
8	52780-OC	1	BUMPER, Rubber Stop - Cab Step (63185)	
9	52778-OC	1	WELDMENT, Cab Step (06482-00)	
10	54115-OC	1	FRAME, slide tube	

Kit or Assembly - includes all items indented underneath.


 Bulk material - order length required in feet or meters.



06/09
T3775

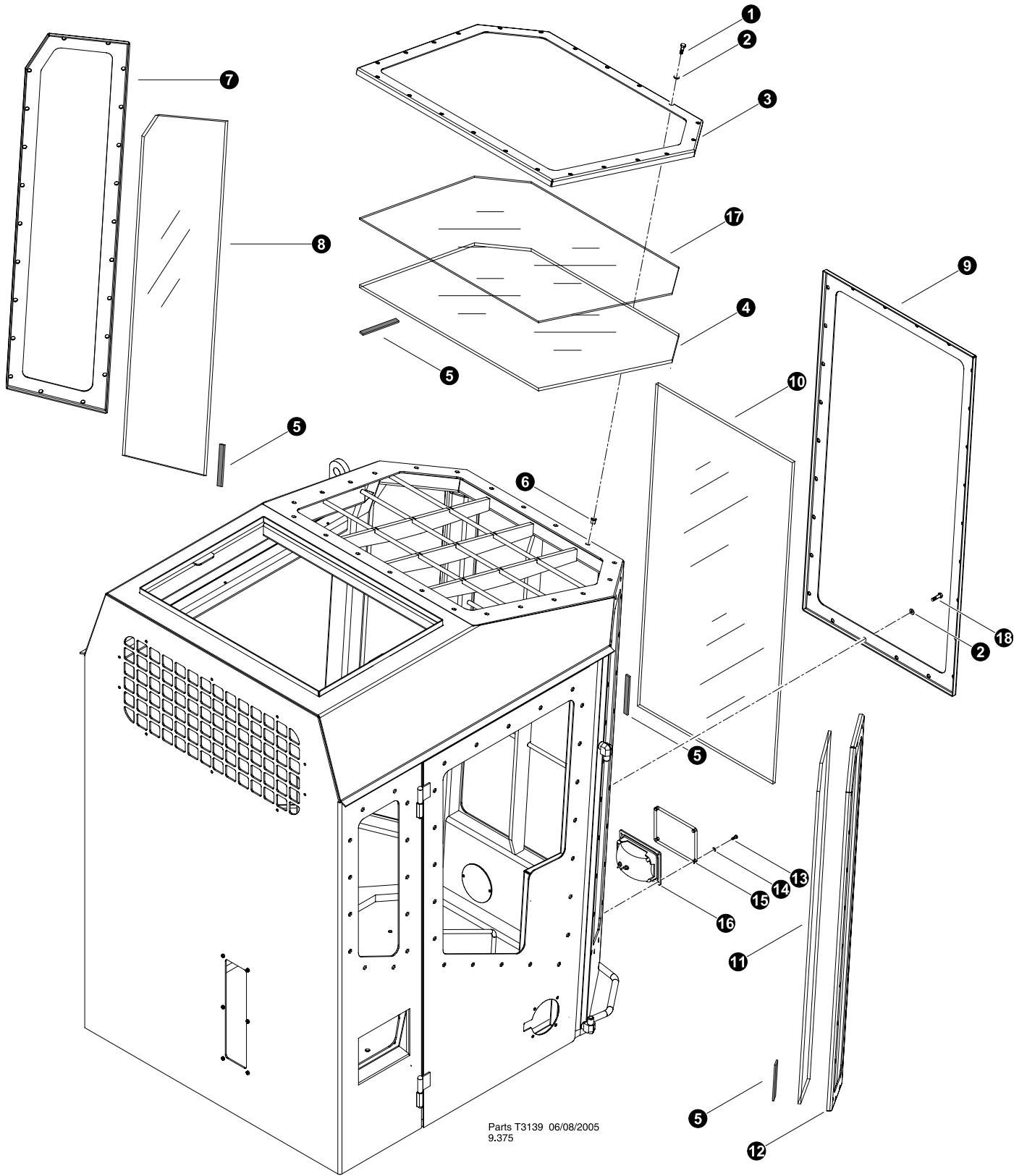
DOOR STEP INSTALLATION (Machines built after 04/12/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	OPERATOR'S CAB	OC-1
2	54117-OC	1	Bracket, Latch (06490-00)	
3	-OC	2	BOLT, Serated 3/8" X 3/4" (18003)	
-	53758-OC	1	<input type="checkbox"/> ASSEMBLY, CAB STEP	
4	52781-OC	1	PIN, ROLL - CAB STEP (63187)	
5	54141-OC	1	SHOCK, Bansbach (C5C5Z-43-305-746/090N)	
6	54116-OC	1	PLATE, Step Retainer (06496-00)	
7	-OC	3	BOLT, Serated 3/8" X 3/4" (18003)	
8	52780-OC	1	BUMPER, Rubber Stop - Cab Step (63185)	
9	52778-OC	1	WELDMENT, Cab Step (06482-00)	
10	54115-OC	1	FRAME, slide tube	

- Kit or Assembly - includes all items indented underneath.
 Bulk material - order length required in feet or meters.



Section OC-2

Operator's Cab - Window Installation



Parts T3139 06/08/2005
9.375

WINDOW INSTALLATION
(Front Window Installation)
(used on machines built 05/13/08 or before)

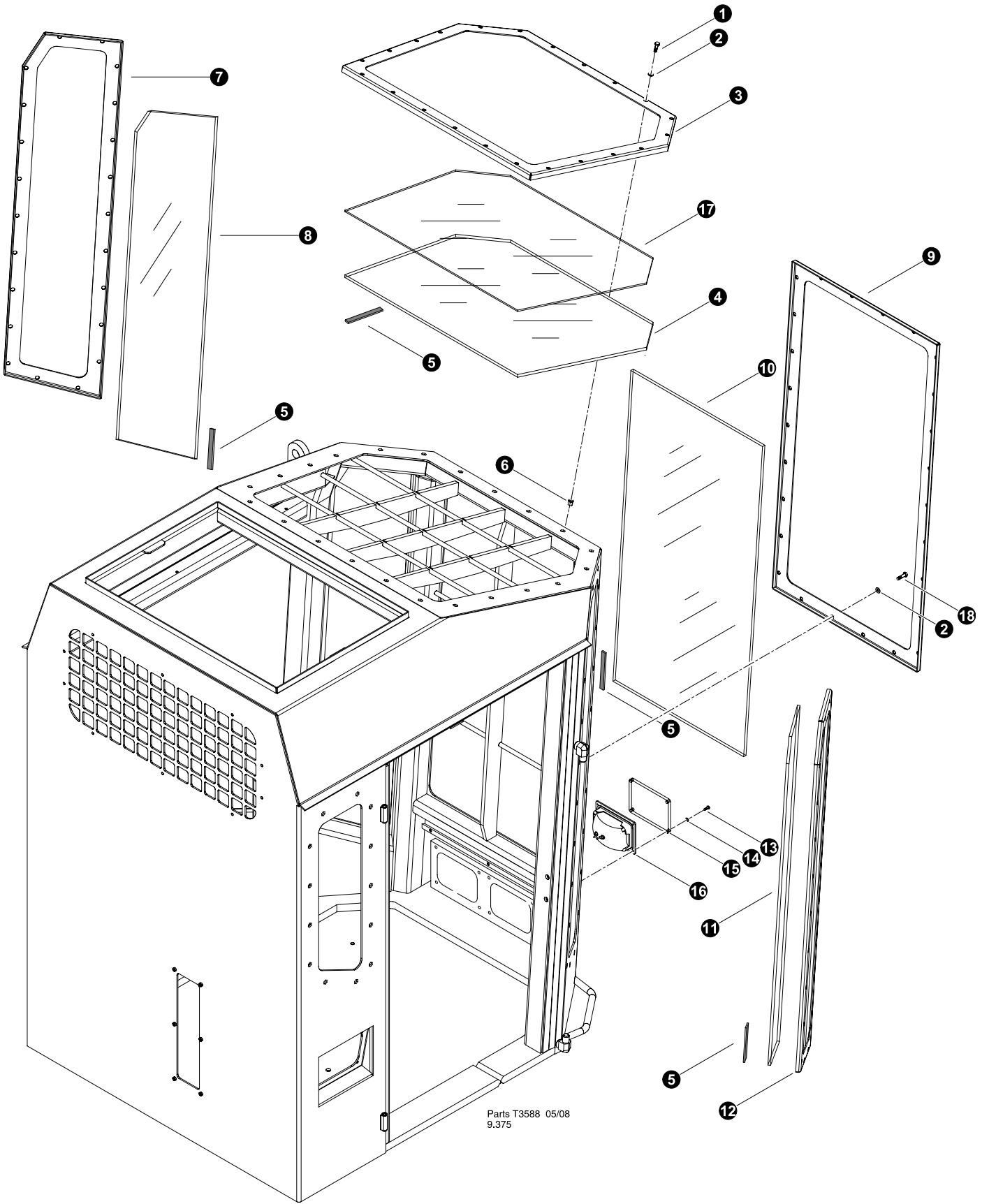
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20084-OC	22	BOLT - .375" X 1.75"	
2	15528-OC	92	WASHER, SAE FLAT - .375"	
3	42377-OC	1	FRAME, TOP WINDOW	
4	51697-OC	1	LEXAN, SKYLITE - 830	
5	42378-OC	AR	 WEATHERSTRIPPING, WINDOW 5/16 X 3/4 X 5	
6	51810-OC	92	INSERT, THREADED - 3/8"-16	
7	42373-OC	1	FRAME, FRONT L.H. SIDE WINDOW - 830	
8	51692-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830	
9	53258-OC	1	FRAME, FRONT WINDOW (.5" Lexon)	
-	53226-OC	1	FRAME, FRONT WINDOW (1.25" Lexon)	
10	53224-OC	1	LEXON, FRONT WINDOW (.5") - 42.75" x 23-15/16"	
-	53225-OC	1	LEXAN, FRONT WINDOW (1.25") - 42.75" x 23-15/16"	
11	51692-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830	
12	42372-OC	1	FRAME, FRONT R.H. SIDE WINDOW	
13	15576-OC	8	BOLT - .25" X 1"	
14	10757-OC	8	WASHER, SAE FLAT - .25"	
15	16811-OC	2	LEXON, LIGHT GUARD	
16	REF	2	 LIGHT ES	
17	51698-OC	1	LEXAN, SKYLITE - SCRATCH GUARD - 830	
18	10731-OC	70	BOLT - .375" X 1.5" (.5" Lexon)	
-	23265-OC	26	BOLT - .375" X 2.25" (1.25" Lexon)	



See referenced page for component or assembly breakdown.







Bulk material - order length required in feet or meters.

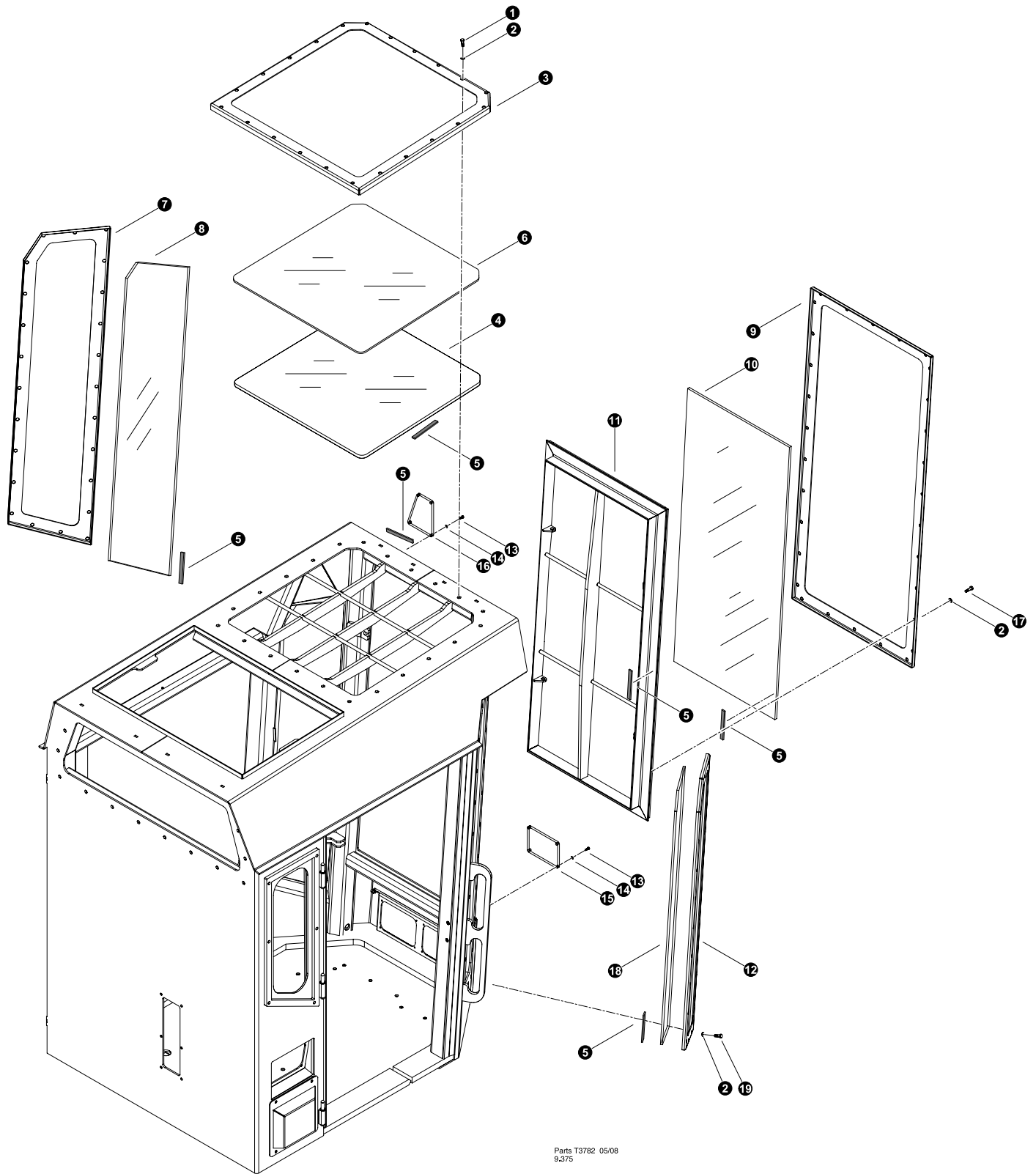


Parts T3588 05/08
9,375

WINDOW INSTALLATION
(Front Window Installation)
(used on machines built after 05/13/08
and before 04/12/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	20084-OC	22	BOLT - .375" X 1.75"	
2	15528-OC	92	WASHER, SAE FLAT - .375"	
3	42377-OC	1	FRAME, TOP WINDOW	
4	51697-OC	1	LEXAN, SKYLITE - 830	
5	42378-OC	AR	 WEATHERSTRIPPING, WINDOW 5/16 X 3/4 X 5	
6	51810-OC	92	INSERT, THREADED - 3/8"-16	
7	42373-OC	1	FRAME, FRONT L.H. SIDE WINDOW - 830	
8	51692-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830	
9	42371-OC	1	FRAME, FRONT WINDOW - B SERIES (.5" Lexon - Standard)	
-	51855-OC	1	FRAME, FRONT WINDOW - B SERIES (1.25" Lexon) LEXAN,	
10	51691-OC	1	FRONT WINDOW - STD (.5" Lexon) - 46.75" X 23.75"	
-	51808-OC	1	LEXON, FRONT WINDOW (1.25" Lexon) - 46.75" X 23.75"	
11	51692-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830	
12	42372-OC	1	FRAME, FRONT R.H. SIDE WINDOW	
13	15576-OC	8	BOLT - .25" X 1"	
14	10757-OC	8	WASHER, SAE FLAT - .25"	
15	16811-OC	2	LEXON, LIGHT GUARD	
16	REF	2	 LIGHT ES	
17	51698-OC	1	LEXAN, SKYLITE - SCRATCH GUARD - 830	
18	10731-OC	70	BOLT - .375" X 1.5" (.5" Lexon)	
-	23265-OC	26	BOLT - .375" X 2.25" (1.25" Lexon)	

-  See referenced page for component or assembly breakdown.
-  Bulk material - order length required in feet or meters.



Parts T3782 05/08
9.375

WINDOW INSTALLATION
(Front Window Installation)
(used on machines built after 04/12/09)

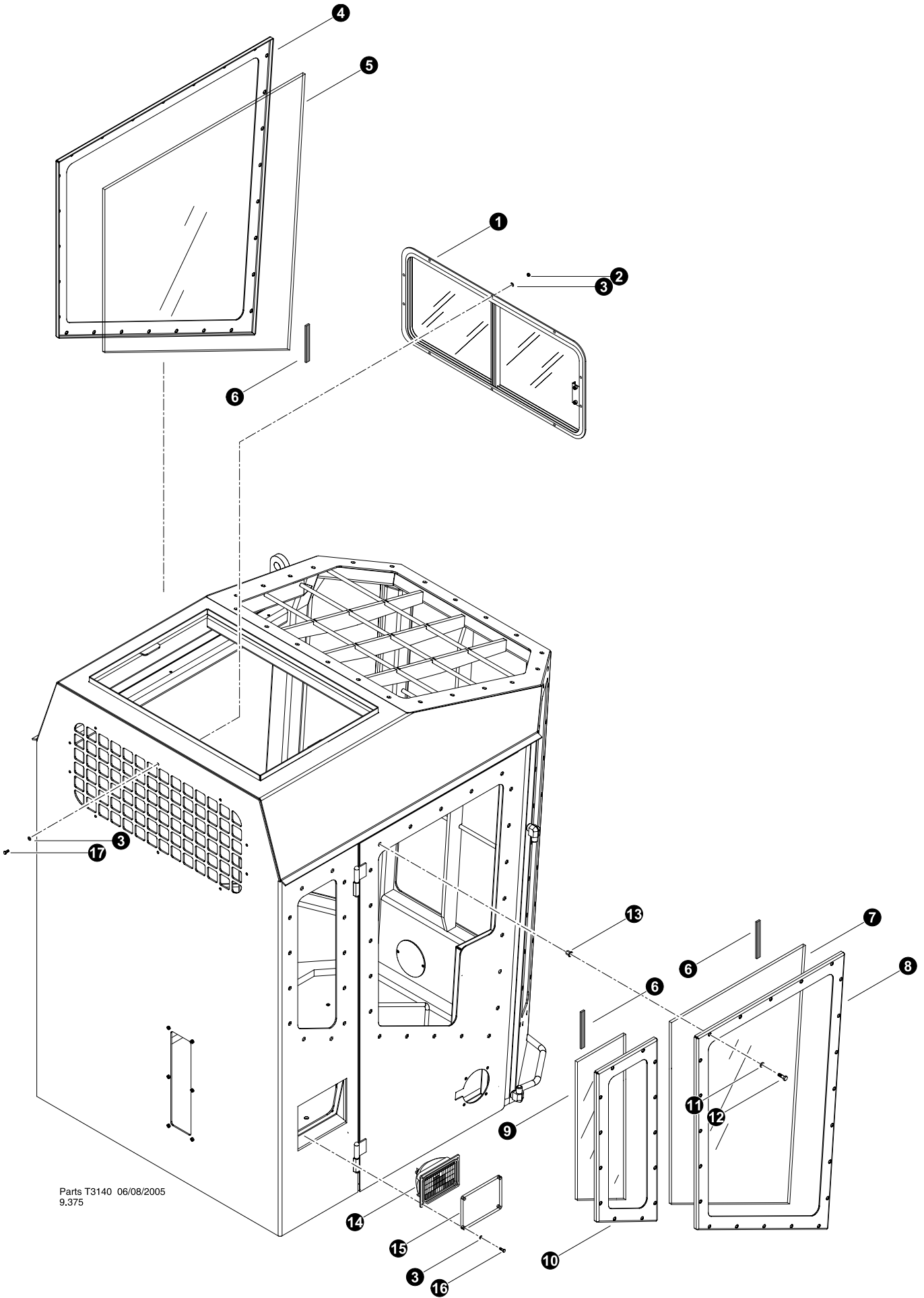
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15529-OC	22	BOLT - .375" X 2"	
2	15528-OC	100	WASHER, SAE FLAT - .375"	
3	13244-00-OC	1	FRAME, TOP WINDOW	
4	53810-OC	1	LEXAN, SKYLITE - FLAT TOP (.75")	
5	18126-OC	AR	✂ WEATHERSTRIPPING, WINDOW	
6	53811-OC	1	LEXAN, SKYLITE - SCRATCH GD	
7	12238-00-OC	1	FRAME, LH ANGLED WINDOW	
8	53814-OC	1	LEXAN, LH AND RH FRONT WINDOW - FLAT	
9	53851-OC	1	FRAME, FRONT WINDOW - Standard	
9	53852-OC	1	FRAME, FRONT WINDOW - 1.25" (Optional)	
10	53812-OC	1	LEXON, FRONT WINDOW - Standard	
10	-OC	1	LEXON, FRONT WINDOW - 1.25" (Optional)	
11	13246-00-OC	1	WELDMENT, Kickout Front Window	
12	12239-00-OC	1	FRAME, FRONT R.H. SIDE WINDOW	
13	18309-OC	16	BOLT - .25" X 1.25"	
14	10757-OC	16	WASHER, SAE FLAT - .25"	
15	16811-OC	2	LEXON, LIGHT GUARD	
16	53816-OC	2	LEXAN, TOP CAB LIGHT	
17	15542-OC	30	BOLT - .375" X .75" (standard front window)	
17	20084-OC	30	BOLT - .375" X 1.75" (1.25" front window)	
18	53814-OC	1	LEXAN, LH AND RH FRONT WINDOW - 830 FLAT	
19	20084-OC	48	BOLT - .375" X 1.75" (1.25" front window)	



See referenced page for component or assembly breakdown.





Bulk material - order length required in feet or meters.



Parts T3140 06/08/2005
9.375

WINDOW INSTALLATION
(Rear and Side Window Installation)
(used on machines built before 04/12/09)

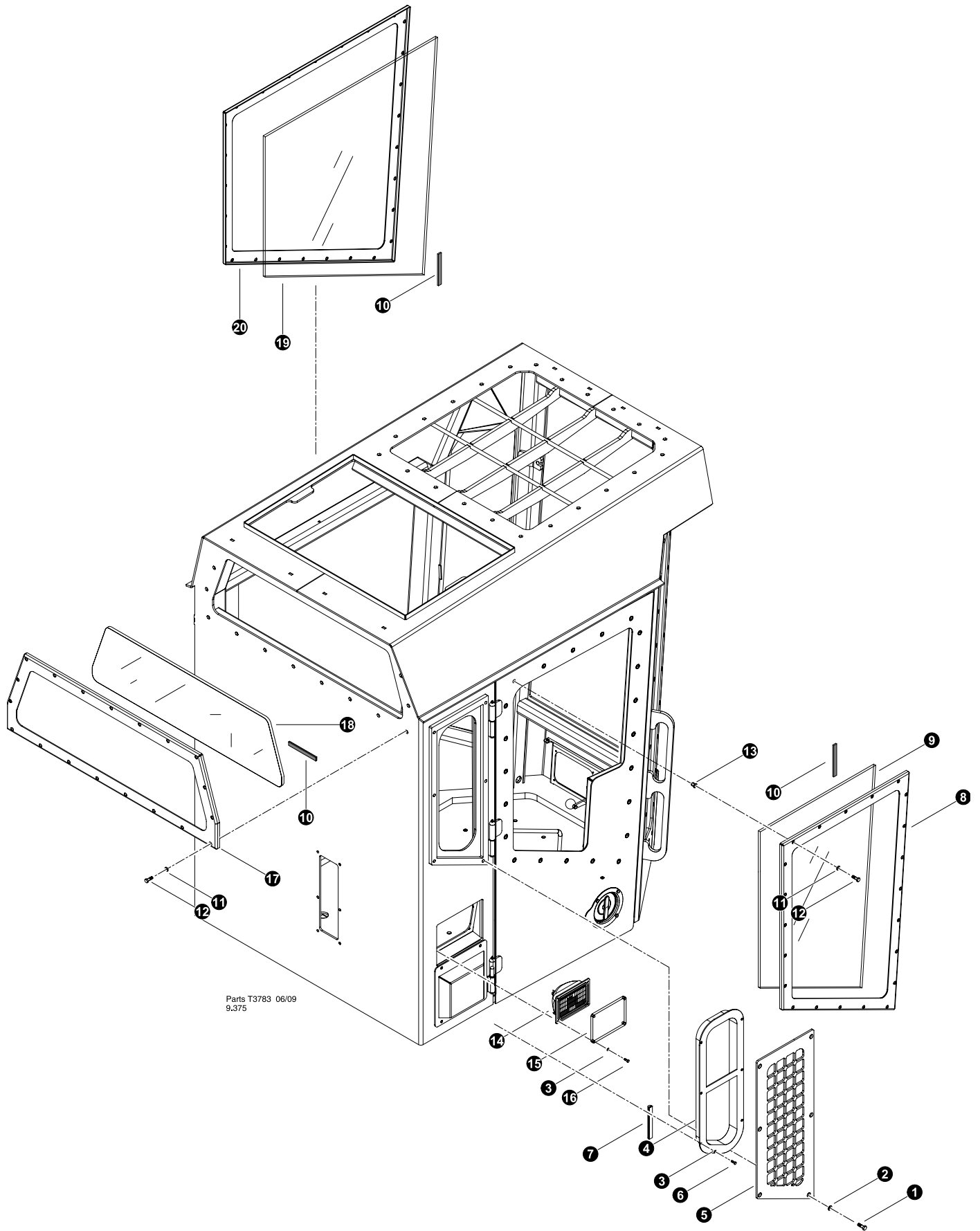
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51719-OC	1	WINDOW, SLIDING - TF830	
2	10811-OC	10	NUT, LOCK - .25"	
3	10757-OC	20	WASHER, SAE FLAT - .25"	
4	42376-OC	1	FRAME, BOOM SIDE WINDOW	
5	51694-OC	1	LEXAN, LH (BOOM SIDE) WINDOW - 830	
6	42378-OC	AR	 WEATHERSTRIPPING, WINDOW 5/16 X 3/4 X 5	
7	51695-OC	1	LEXAN, DOOR WINDOW - 830	
8	42374-OC	1	FRAME, DOOR WINDOW	
9	51696-OC	1	LEXAN, RH AFT DOOR SIDE WINDOW - 830	
10	42375-OC	1	FRAME, OPERA WINDOW - 830	
11	15528-OC	62	WASHER, SAE FLAT - .375"	
12	10731-OC	62	BOLT - .375" X 1.5"	
13	51810-OC	62	INSERT, THREADED - 3/8"-16	
14	REF	1	 LIGHT ES	
15	16811-OC	1	LEXON, LIGHT GUARD	
16	15576-OC	4	BOLT - .25" X 1"	
17	15604-OC	10	BOLT - .25" X .75"	



Bulk material - order length required in feet or meters.






See referenced page for component or assembly breakdown.



Parts T3783 06/09
9.375

WINDOW INSTALLATION
(Rear and Side Window Installation)
(used on machines built after 04/12/09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10783-OC	6	BOLT - .5" X 1"	
2	15534-OC	6	WASHER, SAE FLAT - .5"	
3	10757-OC	10	WASHER, SAE FLAT - .25"	
4	53817-OC	1	WINDOW, SLIDING OPERA-FLAT TOP CAB	
5	13245-00-OC	1	GUARD, Sliding Side Window	
6	15604-OC	6	BOLT - .25" X .75"	
7	18126-OC	AR	 WEATHERSTRIPPING (Door Seal)	
8	42374-OC	1	FRAME, DOOR WINDOW	
9	51695-OC	1	LEXAN, DOOR WINDOW	
10	18126-OC	AR	 WEATHERSTRIPPING, WINDOW	
11	15528-OC	68	WASHER, SAE FLAT - .375"	
12	20084-OC	68	BOLT - .375" X 1.75"	
13	51810-OC	68	INSERT, THREADED - 3/8"-16	
14	REF	1	 LIGHT ES	
15	16811-OC	1	LEXON, LIGHT GUARD	
16	15576-OC	4	BOLT - .25" X 1"	
17	13243-00-OC	1	FRAME, REAR WINDOW	
18	53815-OC	1	LEXON, REAR WINDOW	
19	51694-OC	1	LEXAN, LH (BOOM SIDE) WINDOW	
20	42376-OC	1	FRAME, BOOM SIDE WINDOW	



Bulk material - order length required in feet or meters.

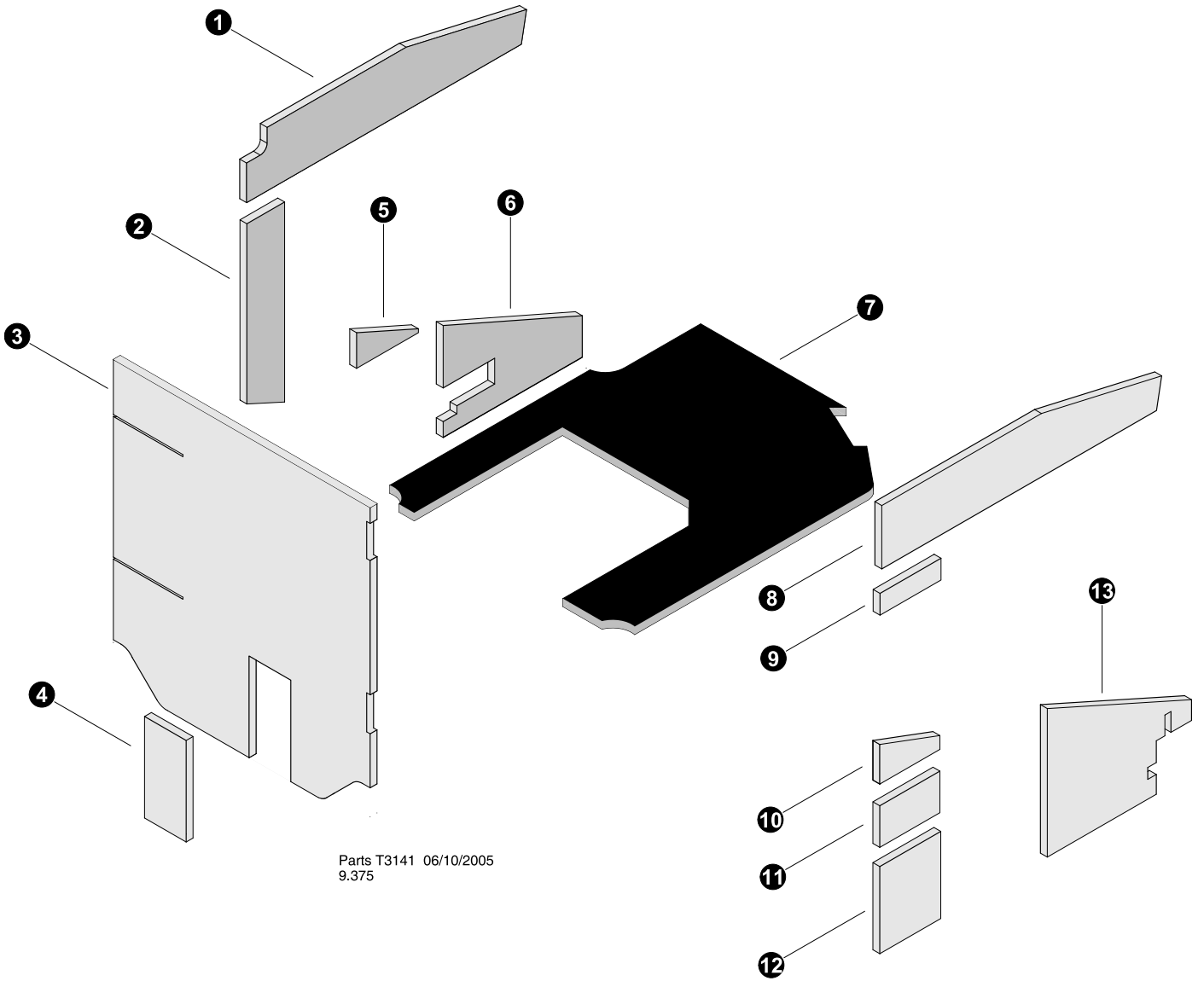


See referenced page for component or assembly breakdown.

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Section OC-3

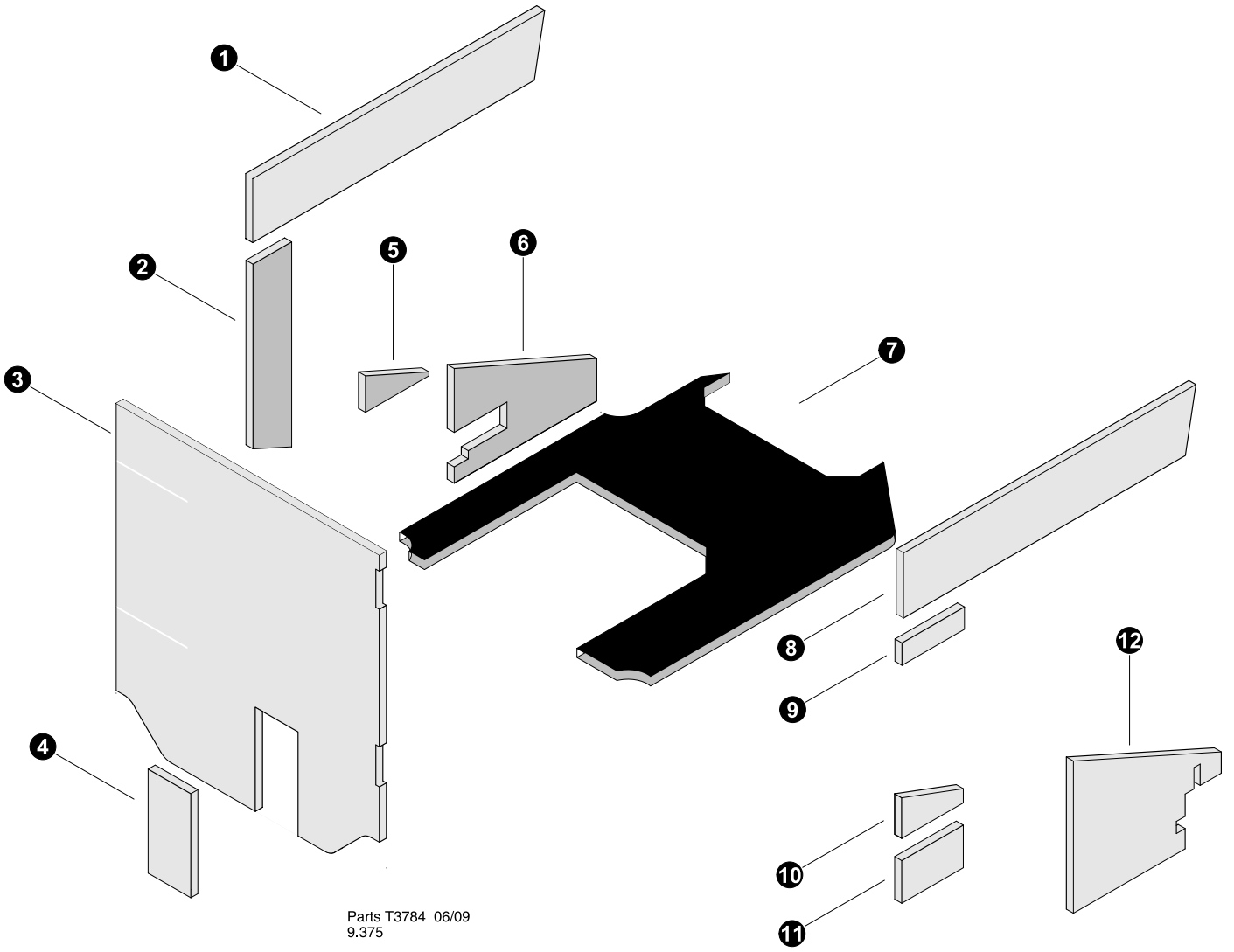
Operator's Cab - Interior Components



INTERIOR TRIM & FLOORMAT (Machines built before 04-12-09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51707-OC	1	<input type="checkbox"/> KIT, CAB INSULATION - 630/830	
1	42681-OC	1	TRIM, PANEL - UPPER LEFT DASH	
2	42673-OC	1	TRIM, PANEL - LEFT REAR	
3	42676-OC	1	TRIM, PANEL - REAR CAB	
4	42682-OC	1	TRIM, PANEL - REAR BULKHEAD PLATE	
5	42675-OC	1	TRIM, PANEL - ABOVE ELECTRICAL PANEL	
6	42679-OC	1	TRIM, PANEL - LEFT CAB WALL	
7	42543-OC	1	FLOORMAT, 830/630 (1.0") Used before May 14th 2008	
7	53267-OC	1	FLOORMAT, WHEELED MACH (1.0") New CAB used after May 13 2008	
8	42680-OC	1	TRIM, PANEL - UPPER RIGHT DASH	
9	42669-OC	1	TRIM, PANEL - UPPER RIGHT SIDE WINDOW	
10	42670-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #1	
11	42671-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #2	
12	42672-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #3	
13	42679-OC	1	TRIM, PANEL - CAB DOOR	

Assembly or Kit - includes all items indented underneath.

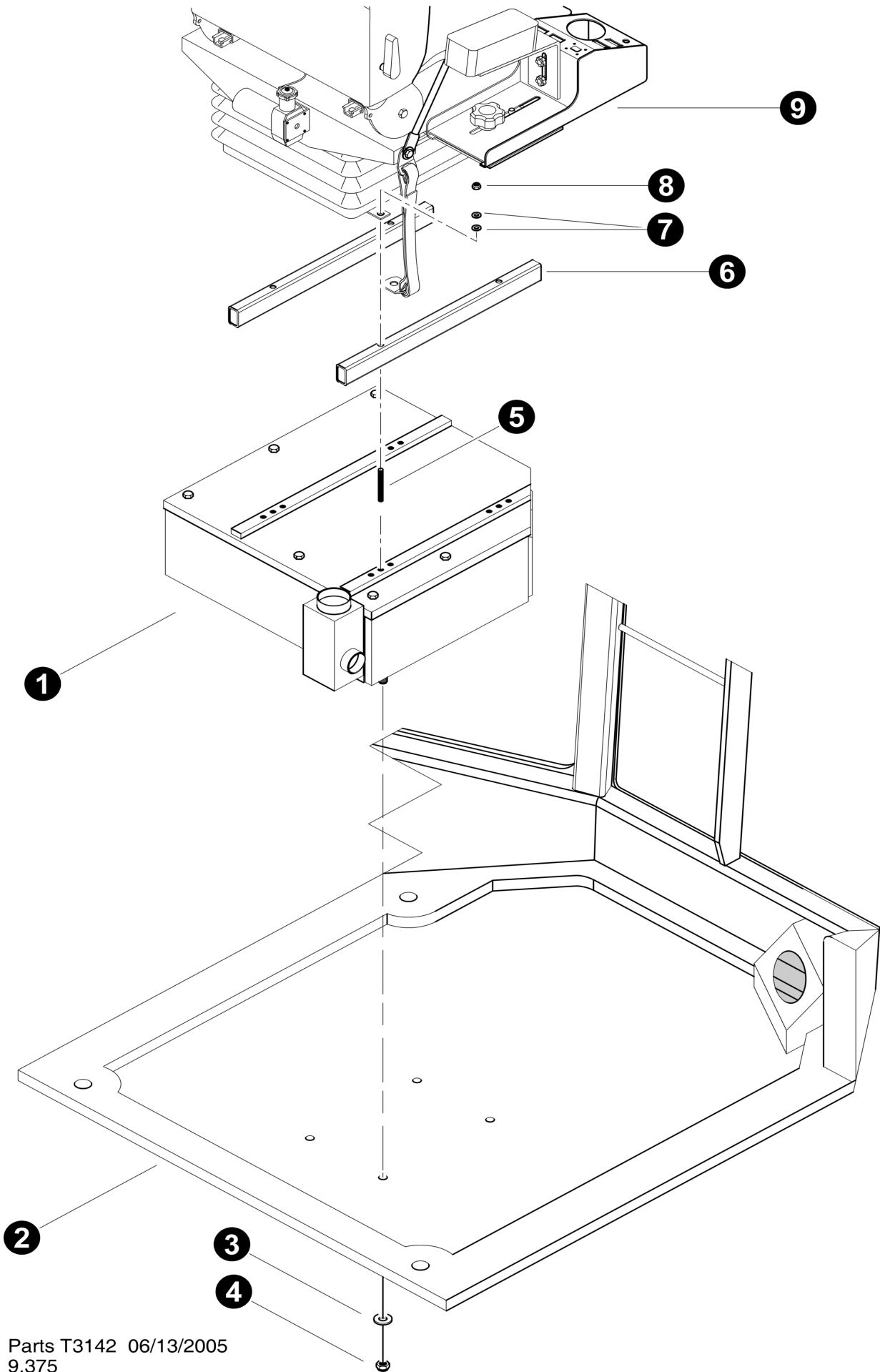


Parts T3784 06/09
9.375

INTERIOR TRIM & FLOORMAT (Machines built after 04-12-09)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	53833-OC	1	<input type="checkbox"/> KIT, CAB INSULATION - 630/830	
1	43763-OC	1	TRIM, PANEL - UPPER LEFT DASH	
2	42673-OC	1	TRIM, PANEL - LEFT REAR	
3	42676-OC	1	TRIM, PANEL - REAR CAB	
4	42682-OC	1	TRIM, PANEL - REAR BULKHEAD PLATE	
5	42675-OC	1	TRIM, PANEL - ABOVE ELECTRICAL PANEL	
6	42679-OC	1	TRIM, PANEL - LEFT CAB WALL	
7	53831-OC	1	FLOORMAT, TRACK Flat Top CAB	
8	43762-OC	1	TRIM, PANEL - UPPER RIGHT DASH	
9	42669-OC	1	TRIM, PANEL - UPPER RIGHT SIDE WINDOW	
10	42670-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #1	
11	42671-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #2	
12	42672-OC	1	TRIM, PANEL - LOWER RIGHT SIDE WINDOW #3	
13	42679-OC	1	TRIM, PANEL - CAB DOOR	

Assembly or Kit - includes all items indented underneath.

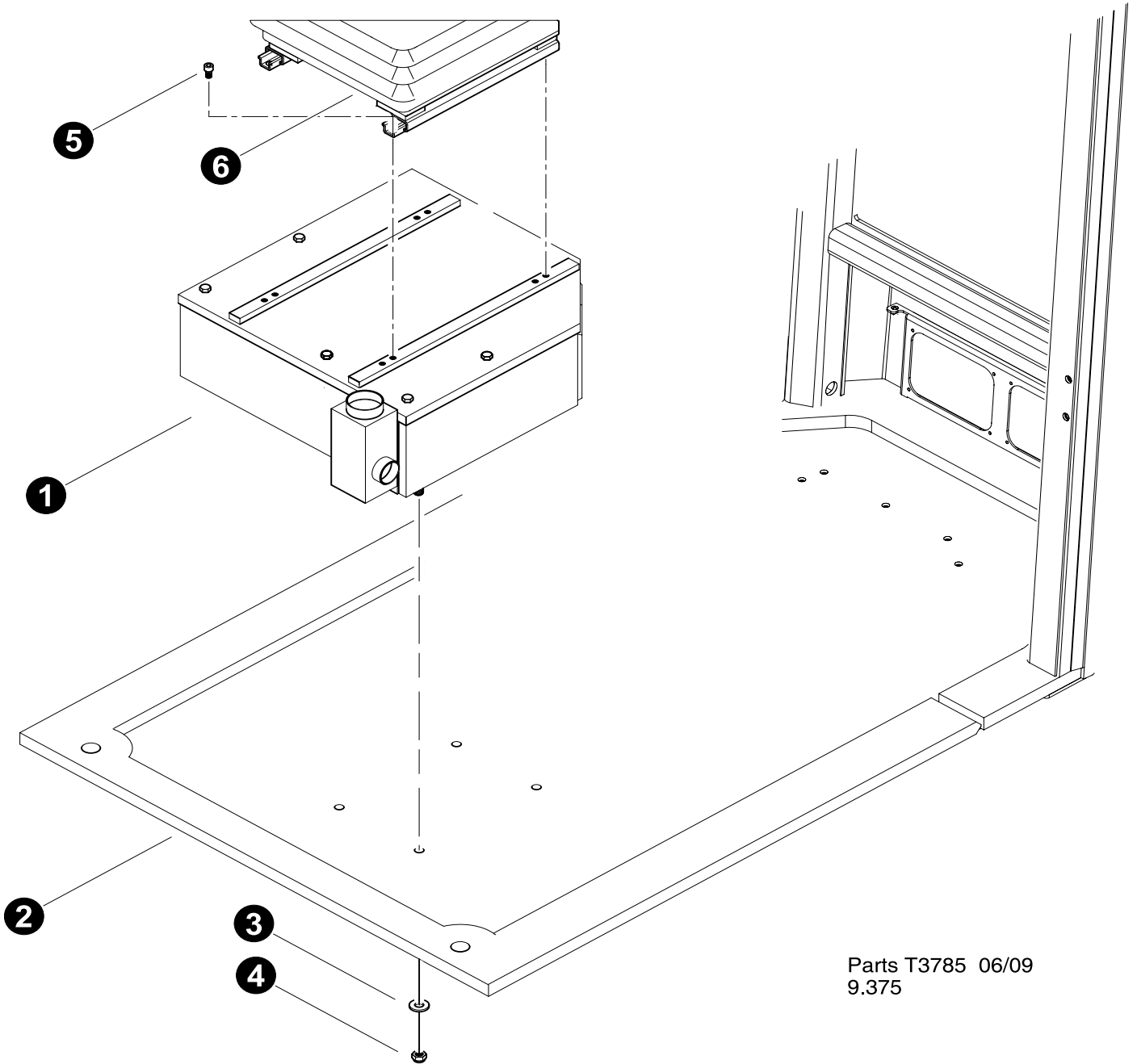


Parts T3142 06/13/2005
9.375

OPERATOR'S SEAT INSTALLATION**(Seats Inc seat mounting)**




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AC / HEATER UNIT ASSEMBLY	OC-4
2	REF.	1	 Operators Cab	OC-1
3	22666-OC	4	WASHER, SAE FLAT - .5" (EXTRA THICK)	
4	10815-OC	4	NUT, LOCK - .5"	
5	52585-OC	4	STUD, 5/16" x 3"	
6	52503-OC	2	SPACER, Seat riser	
7	15559-OC	8	WASHER, SAE FLAT - .3125"	
8	10812-OC	4	NUT, LOCK - .3125"	
9	REF.	1	 OPERATOR'S SEAT	OC-1


 See referenced page for component or assembly breakdown.

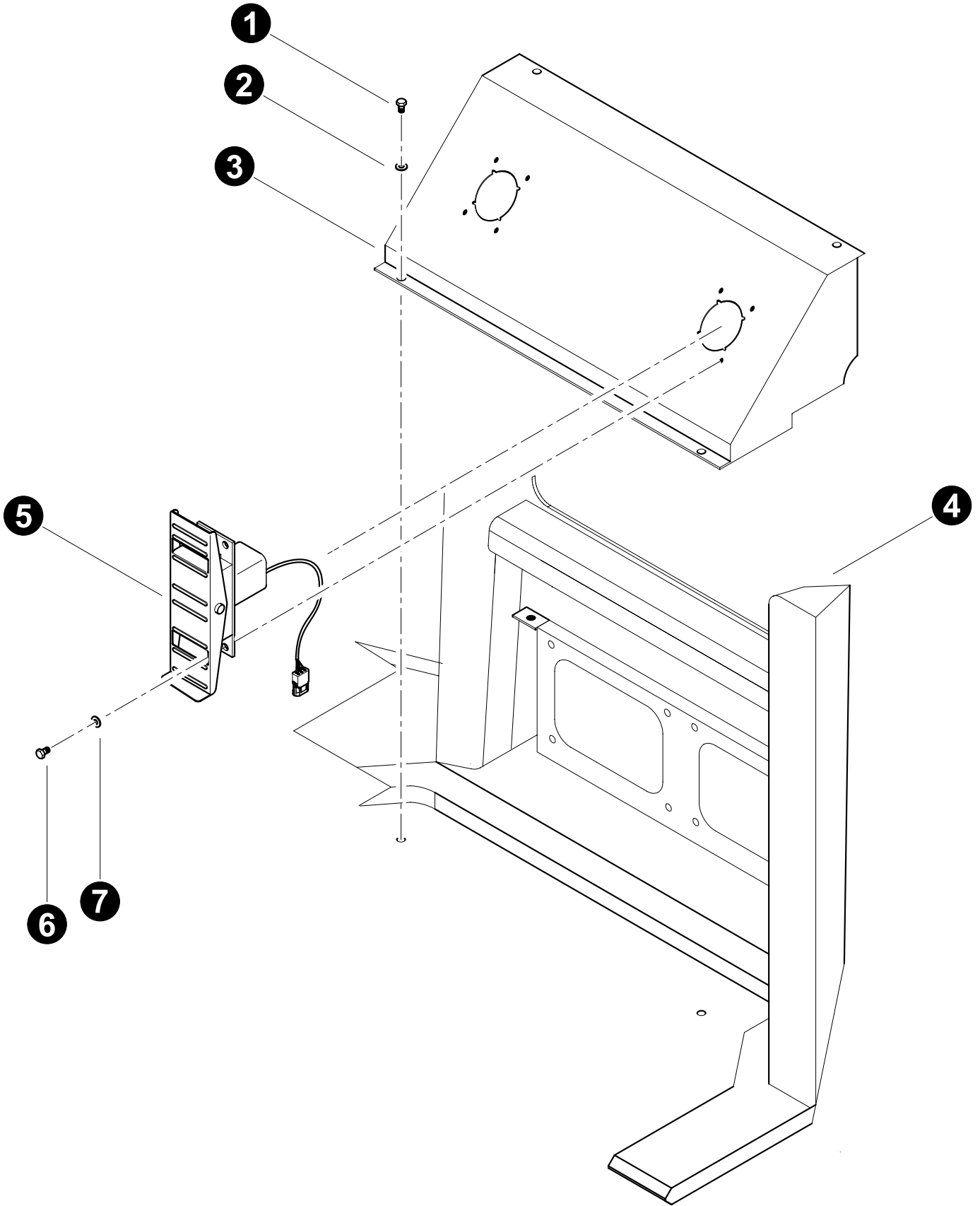


Parts T3785 06/09
9.375

OPERATOR'S SEAT INSTALLATION (Optional KAB seat mounting)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AC / HEATER UNIT ASSEMBLY	OC-4
2	REF.	1	 Operators Cab	OC-1
3	22666-OC	4	WASHER, SAE FLAT - .5" (EXTRA THICK)	
4	10815-OC	4	NUT, LOCK - .5"	
5	53906-OC	4	BOLT, ALLEN HEAD - .3125" X .5"	
6	REF.	1	 OPERATOR'S SEAT.....	OC-1


 See referenced page for component or assembly breakdown.

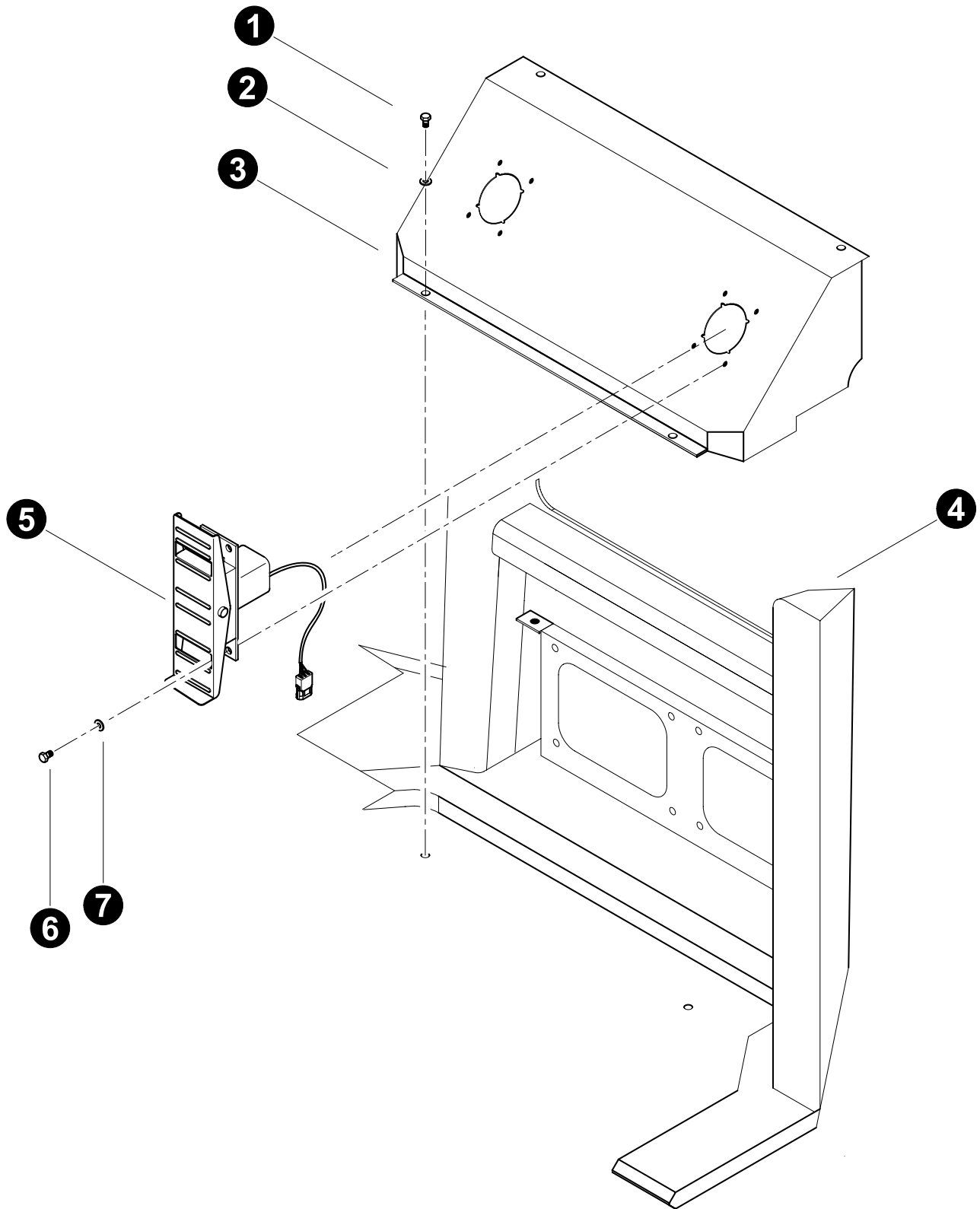


Parts T3723 10/08
12.5

FOOT PEDALS INSTALLATION (Machines built before 04-12-09)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15604-OC	8	BOLT - .25" X .75"	
2	10757-OC	8	WASHER, SAE FLAT - .25"	
3	53715-OC	1	 BRACKET, FOOT PEDAL - OTTO PEDAL TRACK	
4	REF.	1	 OPERATOR'S CAB	OC-1
5	REF.	1	 TRACK DRIVE FOOT CONTROL	ES
6	15604-OC	8	BOLT - .25" X .75"	
7	10757-OC	8	WASHER, SAE FLAT - .25"	

 See referenced page for component or assembly breakdown.

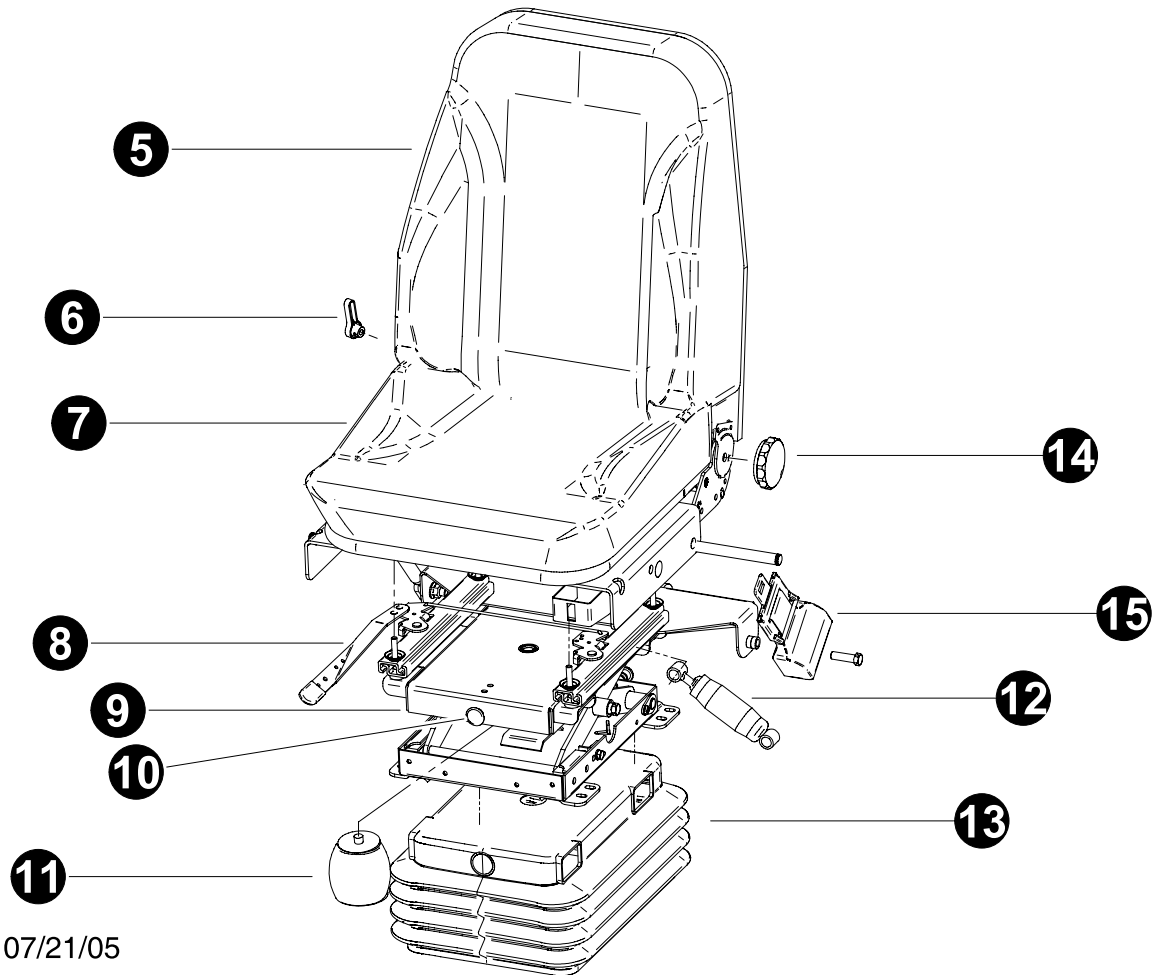
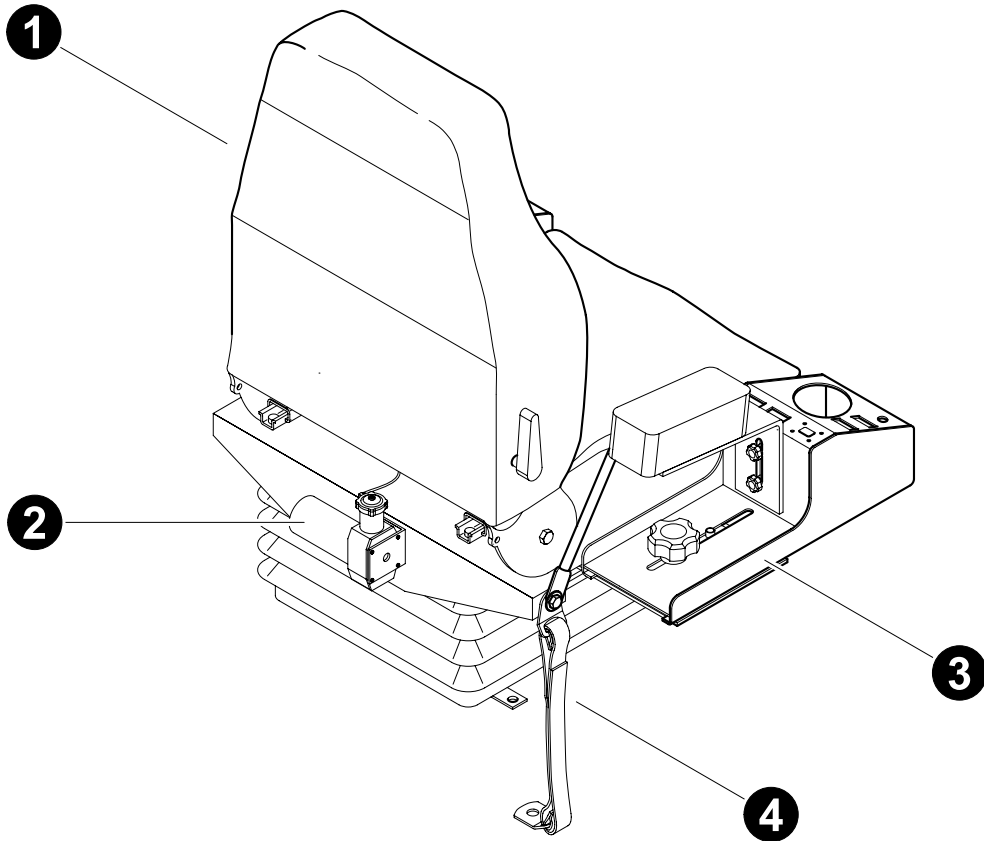


Parts T3786 07/09
12.5

**FOOT PEDALS INSTALLATION
Wheeled Machines Only
(Machines built after 04-12-09)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15604-OC	8	BOLT - .25" X .75"	
2	10757-OC	8	WASHER, SAE FLAT - .25"	
3	53850-OC	1	 BRACKET, FOOT PEDAL - OTTO PEDAL TRACK - Flat Top Cab	
4	REF.	1	 OPERATOR'S CAB	OC-1
5	REF.	1	 TRACK DRIVE FOOT CONTROL	ES
6	15604-OC	8	BOLT - .25" X .75"	
7	10757-OC	8	WASHER, SAE FLAT - .25"	

 See referenced page for component or assembly breakdown.



Parts T3207 07/21/05
18.75

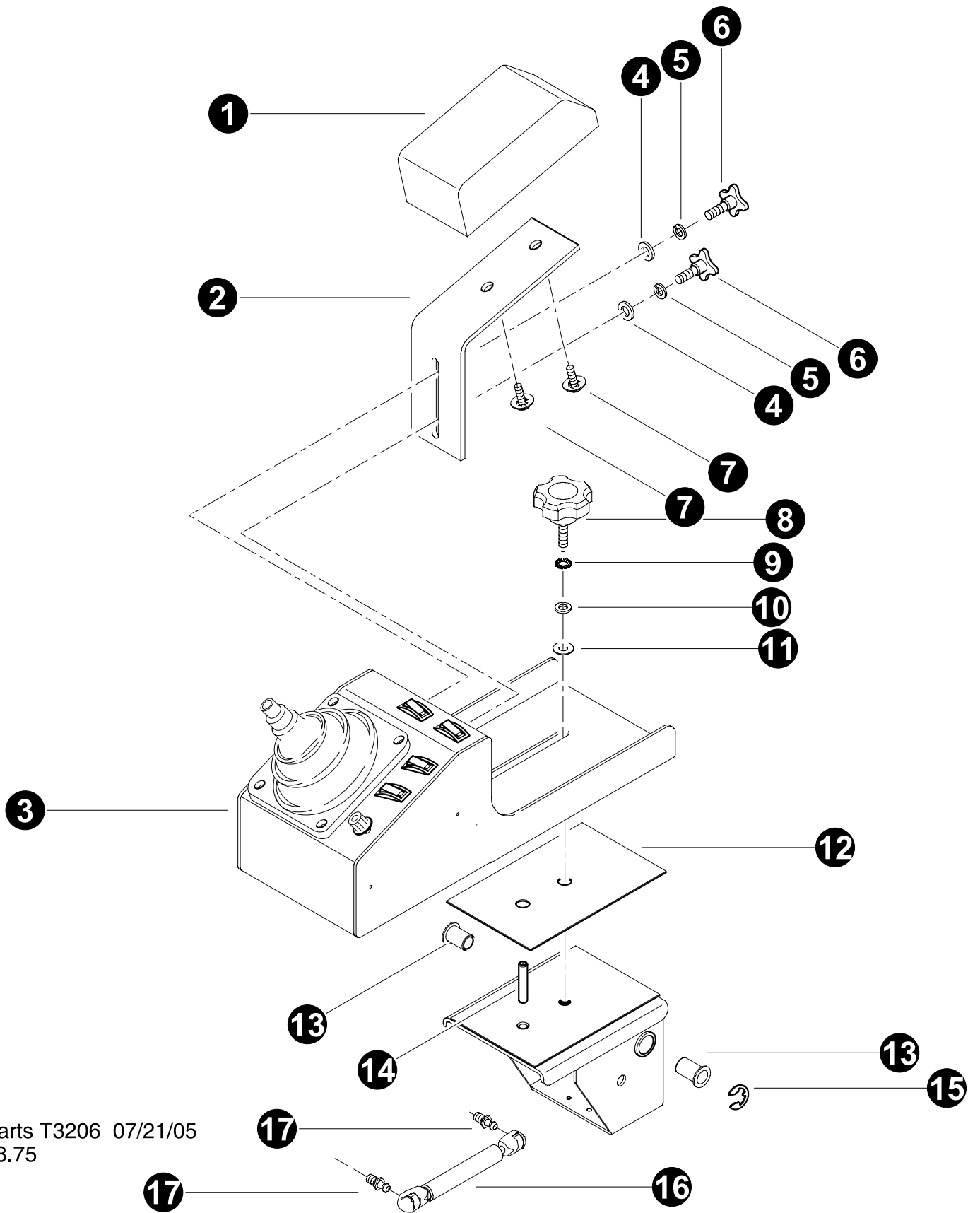
OPERATOR'S SEAT BREAKDOWN (Seats Inc - Standard)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51633-OC	1	<input type="checkbox"/> SEAT ASSY, AIR RIDE and HEATER	
2	52077-OC	1	COMPRESSOR, air ride seat (24 VOLT)	
3	REF.	1	<input type="checkbox"/> JOYSTICK CONTROL ARM ASSEMBLY.....	OC-3
4		1	KIT, tethers (104949 PS)	
5		1	COVER, top seat back (308098 DN)	
6		1	LEVER, lumbar adjustment	
7		1	COVER, bottom seat (307025 DN)	
8		1	TRACK SET, adjustable slides (179837 PS)	
9		1	<input type="checkbox"/> SUSPENTION, low profile w/air (108106 PS)	
10		1	VALVE, air ride with hardware (102715 PS)	
11		1	SPRING, air bag (103351 PS)	
12		1	SHOCK, heavy duty (102362 PS)	
13		1	BELLOWS, suspension cover (102805 PS)	
14		1	KNOB, recliner adjustment (101965 PS)	
15		1	SEAT BELT, retractable (103041 PS)	

Assembly or Kit - includes all items indented underneath.

See referenced page for component or assembly breakdown.


800750 KAB

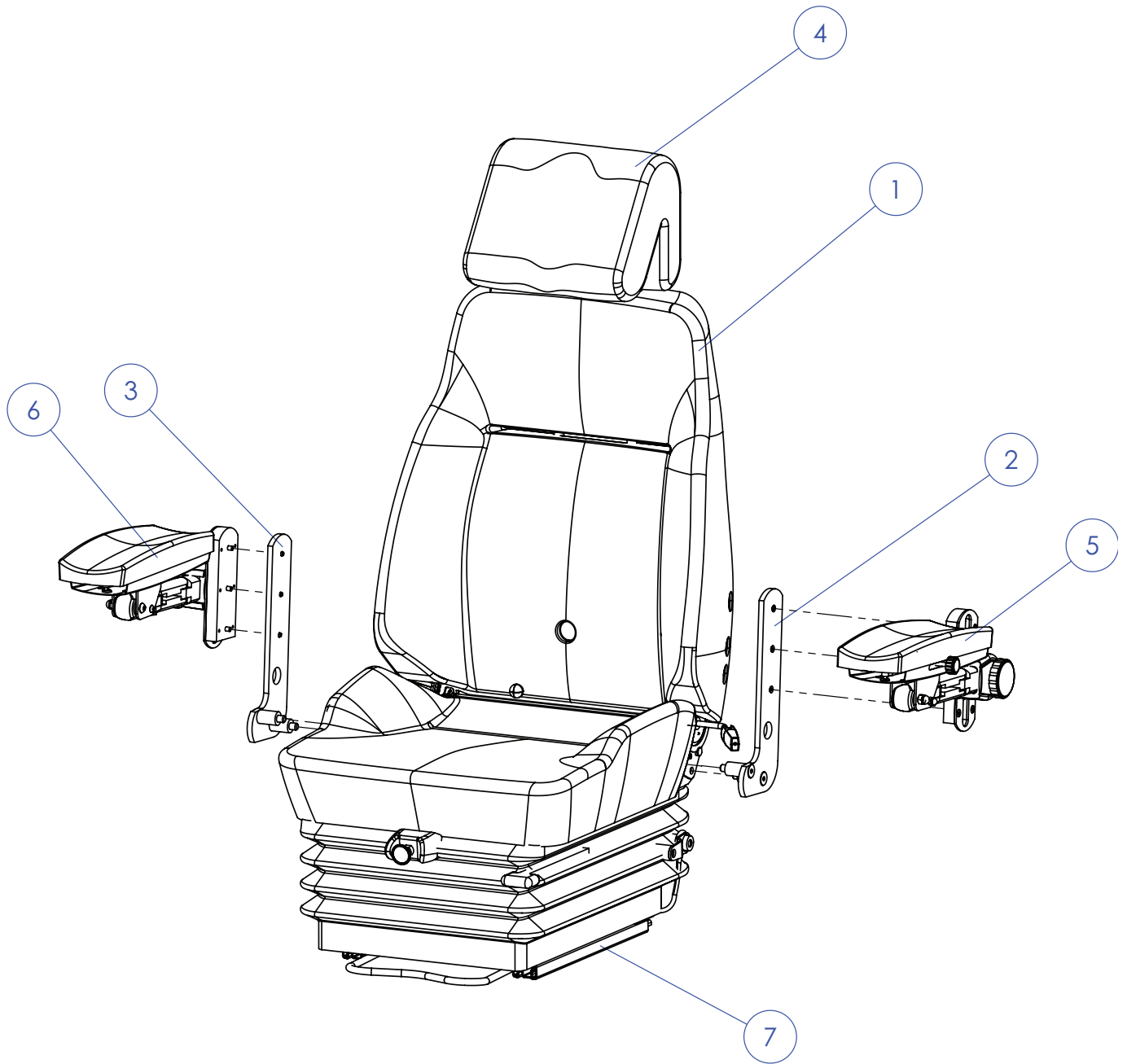


Parts T3206 07/21/05
18.75

OPERATOR'S CONTROL ARM BREAKDOWN (Standard Seats Inc)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1		1	PAD, arm rest	
2	51942-OC	1	BRACKET, ARM REST	
3	REF	1	JOYSTICK BRACKET ASSEMBLY	ES-3
4	15528-OC	2	WASHER, SAE FLAT - .375"	
5	10701-OC	2	WASHER, LOCK - .375"	
6		2	KNOB, arm rest adjustment	
7		2	BOLT,	
8		1	<input type="checkbox"/> KNOB, control arm adjustment (104089 PS)	
9		1	WASHER, serrated lock - .375"	
10	15528-OC	1	WASHER, SAE FLAT - .375"	
11		1	WASHER, plastic slide 3/8"	
12		1	SLIDER, control arm (505638 PS)	
13		2	BUSHING, plastic (707606 PS)	
14		1	PIN, roll (708325 PS)	
15		1	RING, retaining (707616 PS)	
16		1	<input type="checkbox"/> KIT, gas spring (104099 PS)	
17		2	BOLT, spring mounts	

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



OPERATOR'S SEAT BREAKDOWN (KAB - Optional)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	53692-OC	1	<input type="checkbox"/>	SEAT ASSEMBLY (KAB) Air Ride/Heater and Head Rest	
1	K197328-OC	1		KAB 569 Seat	
2	1914 800188-OC	1		Bracket LH	
3	1914 800189-OC	1		Bracket RH	
4	42030201-1-OC	1		Headrest Comfort	
5	8000 800170-OC	1		Armflex E 80 Left	
6	8000 800171-OC	1		Armflex E 80 Right	
7	K41123-OC	1		Slides KAB 500	
8	K82345R80-OC	1		Back rest cover	
9	K82345S800-OC	1		Seat cushion cover	
10	991609-OC	1		Head rest cover	

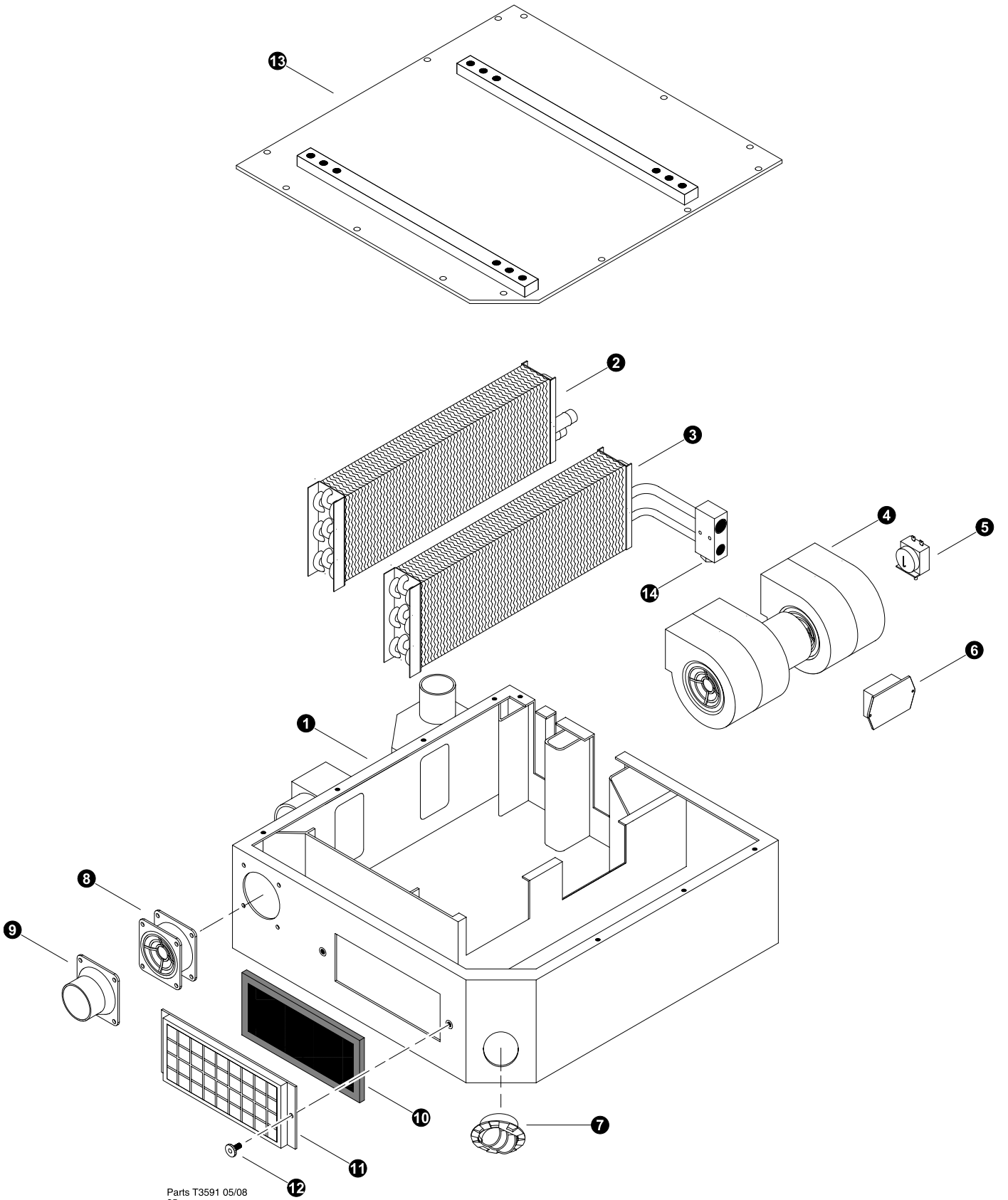
Assembly or Kit - includes all items indented underneath.

See referenced page for component or assembly breakdown.

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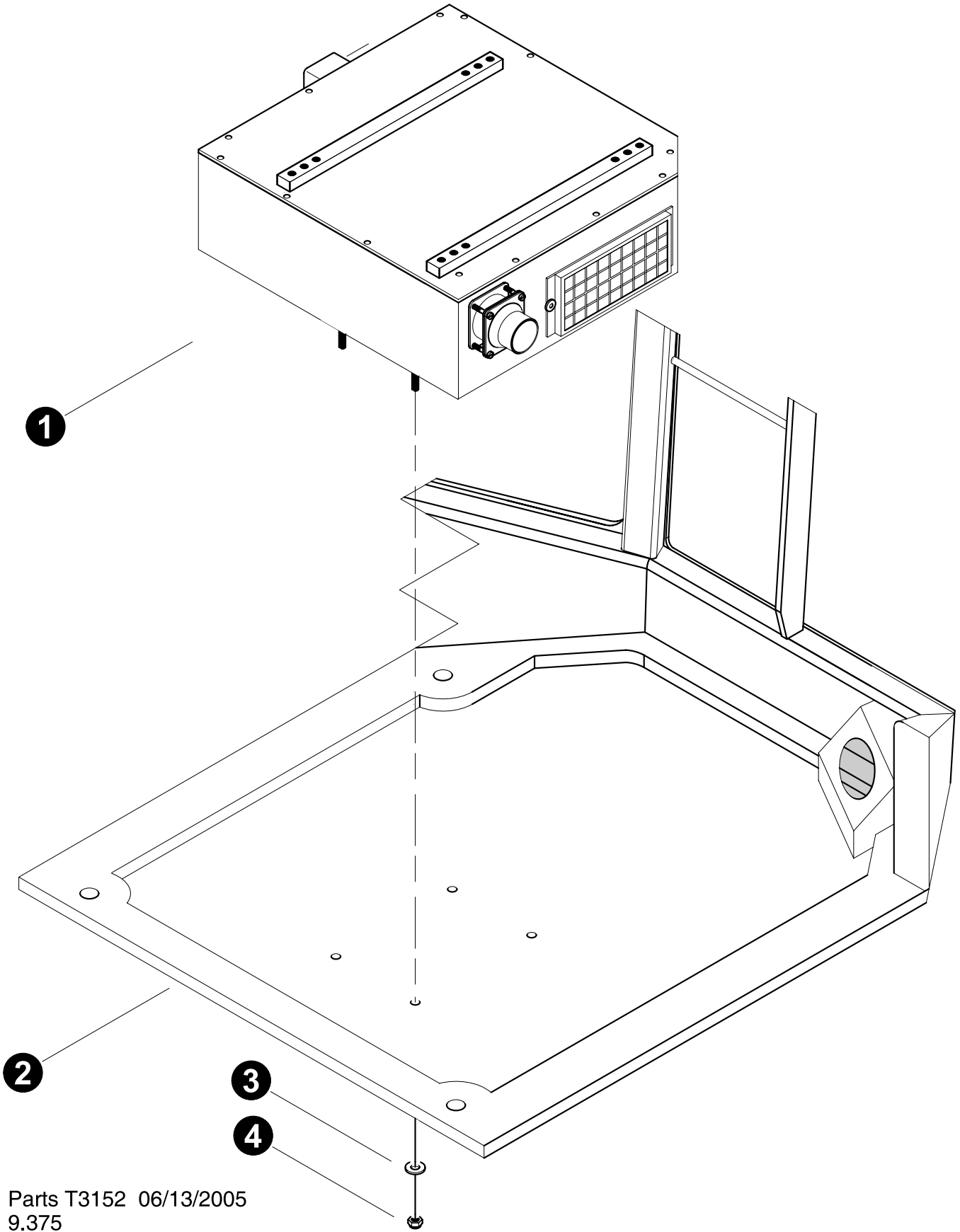
Section OC-4

Operator's Cab - Air Conditioner / Heater Unit





AIR CONDITIONER / HEATER UNIT

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	53194-OC	1	<input type="checkbox"/>	KIT, HEATER/AC - WHEELED/TRACK - NEW CAB	
1	-OC	1		BOX, A/C Heater	
2	-OC	1		HEATER CORE (BA6-1035)	
3	-OC	1		COIL, EVAPORATOR (BA6-1036)	
-	-OC	1		EXPANSION VALVE (BA1-2004)	
4	-OC	1		BLOWER ASSEMBLY - 24V (RD-3-7383-1)	
5	-OC	1		THEROSTAT (71R3200)	
6	-OC	1		SPEED CONTROL MODULE (RD-6-5558-0)	
7	-OC	1		DIFFUSER (BA2-2025)	
8	53164-OC	1		FAN, cab pressurizer (BT3-0130-4)	
9	-OC	1		ADAPTER, 3" HOSE	
10	-OC	1		FILTER, A/C - HEATER (BA8-0104)	
11	-OC	1		BRACKET, A/C Filter (BA-788-0-24)	
12	-OC	1		THUMB SCREW (BT0-0787)	
13	-OC	1		COVER, A/C - Heater and Seat Mount (BA-788-016-4)	
14	53611-OC	1		VALVE, EXPANSION - BADGER (830/630)	

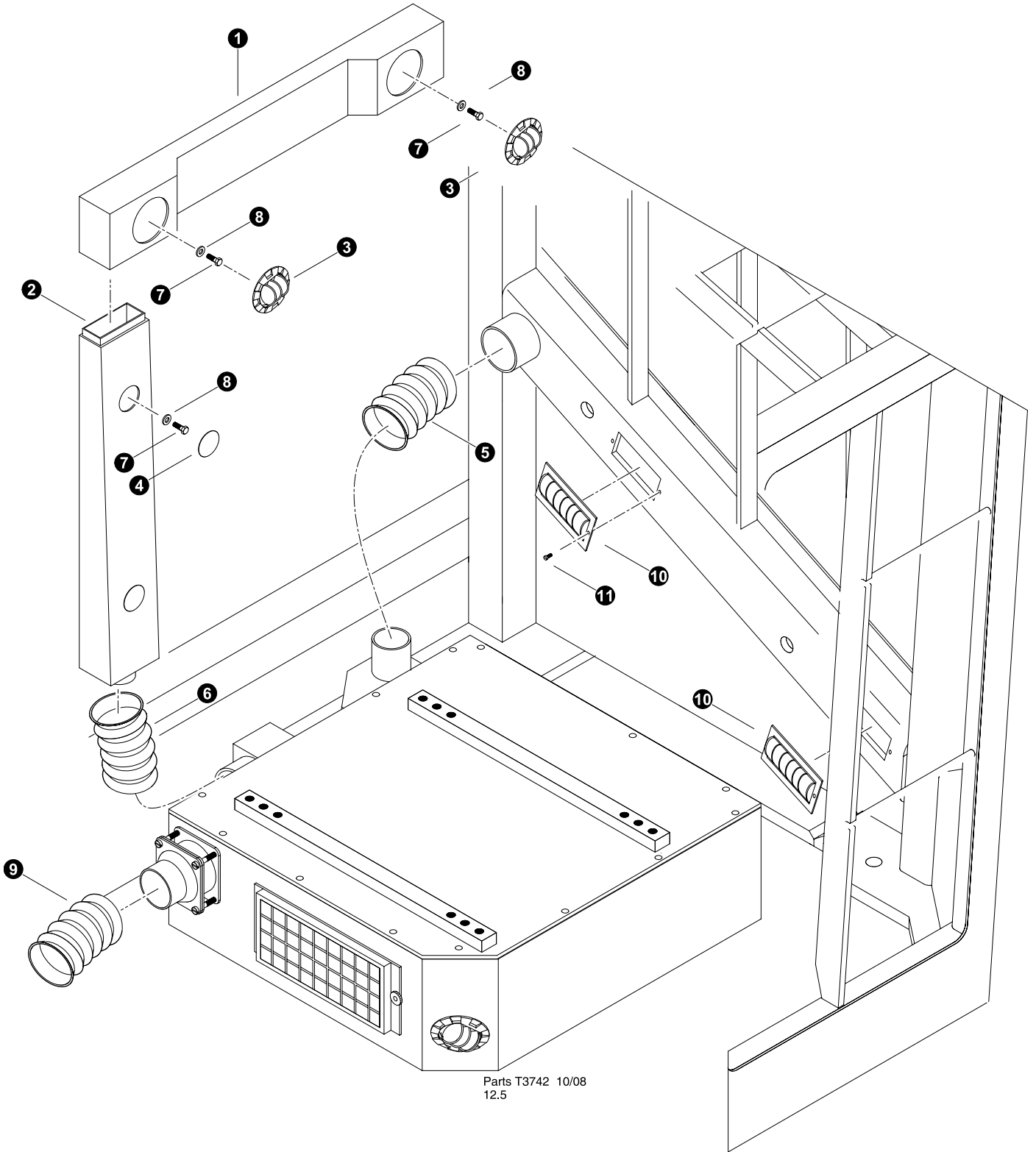


Parts T3152 06/13/2005
9.375

AIR CONDITIONER / HEATER UNIT (Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AIR CONDITIONER / HEATER UNIT.....	OC-4
2	REF.	1	 OPERATOR'S CAB ASSEMBLY	OC-1
3	22666-OC	4	WASHER, SAE FLAT - .5" Thick	
4	10815-OC	4	NUT, LOCK - .5"	

Kit or Assembly includes all items Underneath



AIR CONDITONER / HEATER DUCT INSTALLATION**(used on machines built before 07/01/09)**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	52731-OC	1	☐	DUCT ASSY. - CAB (CURRENT)	
1	-OC	1		DUCT, HEATER/AC TUBE HORZ. TUBE	
2	-OC	1		DUCT, HEATER/AC VERTICAL TUBE	
3	57833-OC	4		VENT, LOUVER (COYOTE INT'L / 26-2003)	
4	52499-OC	2		PLUG, HEATER A/C TUBING	
5	-OC	AR	✂	HOSE, flexible - 2.5" (78R0250SB)	
6	-OC	AR	✂	HOSE, flexible - 3" (78R0300SB)	
7	23264-OC	4		BOLT - .25" X .5"	
8	10800-OC	4		WASHER, FLAT - .25"	
9	-OC	AR	✂	HOSE, flexible - 3" (78R0300SB)	
10	51640-OC	4		VENT, LOUVER - CAB HEAT (TF830)	
11	-OC	8		SCREW, self-tapping - #6 x 1/2" (84933)	



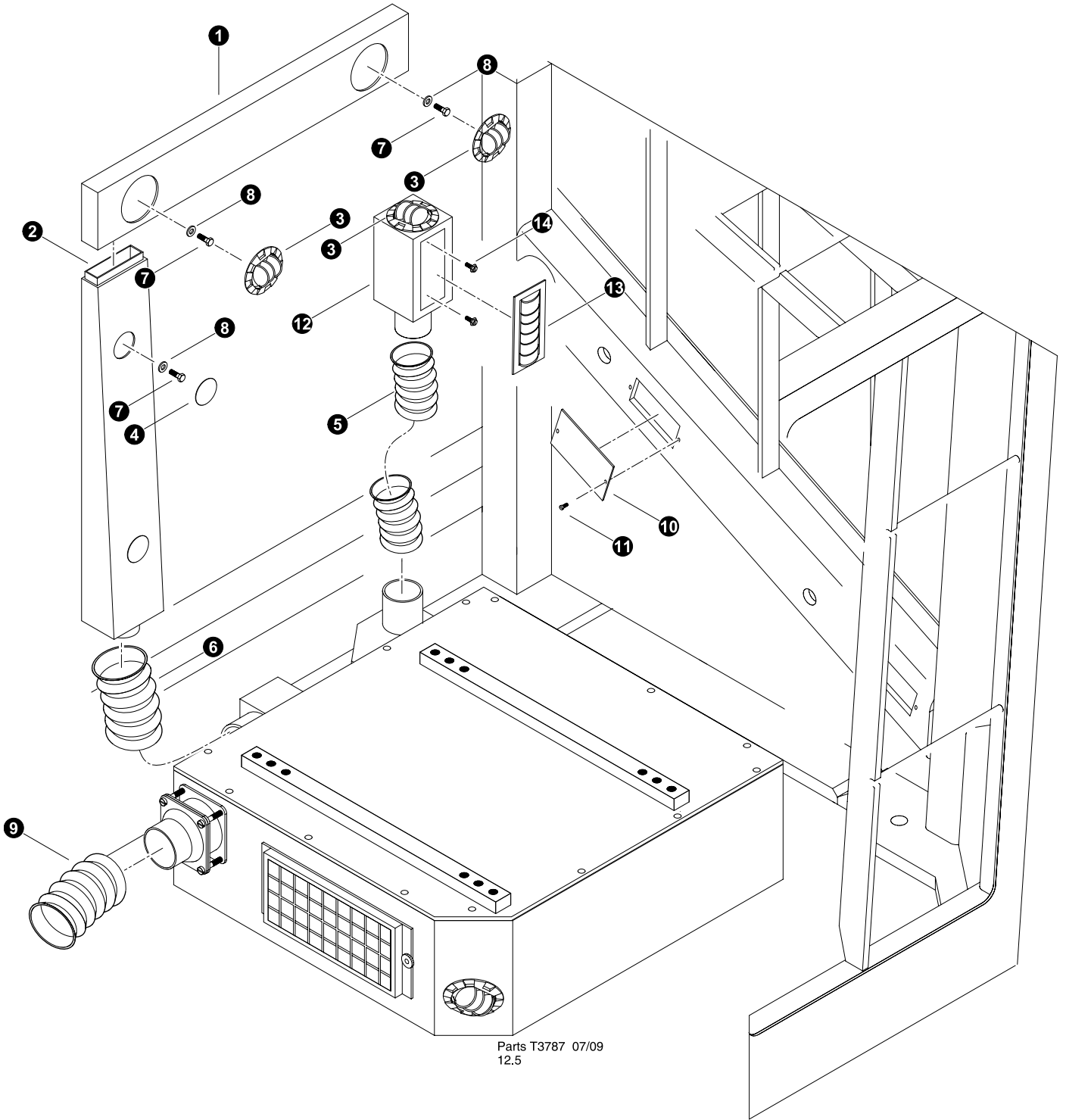
Built material - order length required in feet or meters.



Kit or Assembly - includes all items indented underneath.



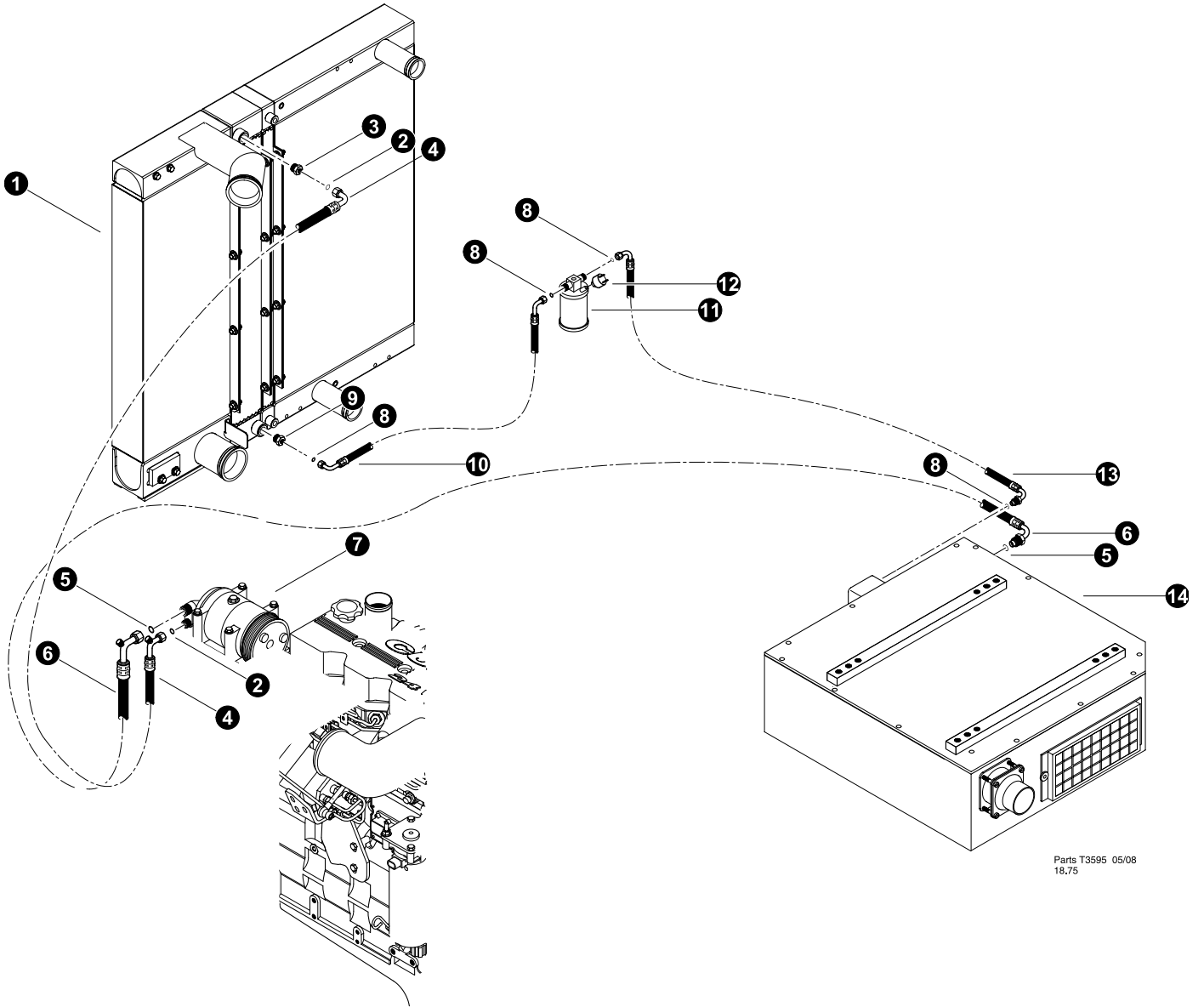
See referenced page for component or assembly breakdown.



AIR CONDITONER / HEATER DUCT INSTALLATION**(used on machines built after 07/01/09)**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	52731-OC	1	☐	DUCT ASSY. - CAB (CURRENT)	
1	-OC	1		DUCT, HEATER/AC TUBE HORZ. TUBE	
2	-OC	1		DUCT, HEATER/AC VERTICAL TUBE	
3	57833-OC	4		VENT, LOUVER (COYOTE INT'L / 26-2003)	
4	52499-OC	2		PLUG, HEATER A/C TUBING	
5	-OC	AR	✂	HOSE, flexible - 2.5" (78R0250SB)	
6	-OC 23264-	AR	✂	HOSE, flexible - 3" (78R0300SB)	
7	OC 10800-	4		BOLT - .25" X .5"	
8	OC	4		WASHER, FLAT - .25"	
9	-OC	AR	✂	HOSE, flexible - 3" (78R0300SB)	
10	-OC	2		PLATE, vent cover	
11	-OC	8		SCREW, self-tapping - #6 x 1/2" (84933)	
12	72r3600-OC	1	☐	BOX, A/C Heater Vent (72r3600)	
13	-OC 17255-	1		VENT, LOUVER - CAB	
14	OC	2		SCREW, SELF TAPPING - #10-24 X .75"	

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

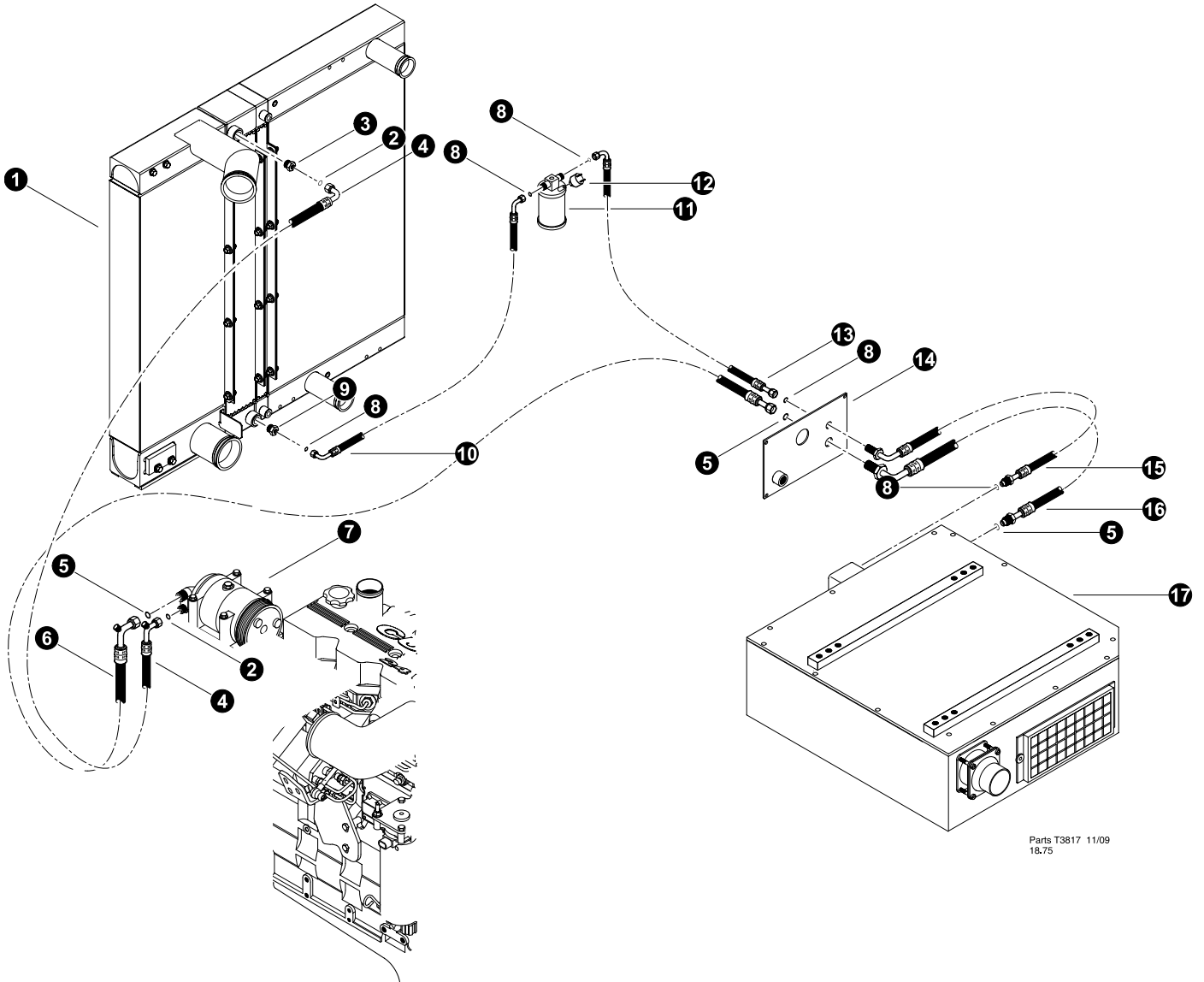


Parts T3595 05/08
18.75

AIR CONDITIONER LINES
(Cab Interior and Exterior)
Machines built before 10/27/09

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	RADIATOR / AC / OIL COOLER ASSEMBLY.....	UP-3
2	-UP	1	O-RING #08 (405863)	
3	-OC	1	Fitting 7/8" -14 X #8 ORB (BT0-770)	
4	-OC	1	HOSE, air conditioner - #8 x 41" (Female 90°/Female 90°) (TP-100) (Compressor to Condensor tubing inlet)	
5		2	O-RING #10 (405864)	
6	-OC	1	HOSE, air conditioner - #12 x 118" (Female 90°/Female 90°) (TP-101 B) (Compressor to Cab Bulkhead)	
7	REF	1	CUMMINS QSC ENGINE ASSEMBLY.....	EE-1
8		5	O-RING #06 (405862)	
9	-OC	1	Fitting 7/8" -14 X #8 ORB (BT0-770)	
10	-OC	1	HOSE, air conditioner - #6 x 24" (Female 90°/Female 90°) (TP-102) (Condensor tubing outlet to Drier inlet)	
11	50937-OC	1	DRIER, A/C	
12	50951-OC	1	SWITCH, binary	
13	-OC	1	HOSE, air conditioner - #6 x 76" (Female 90°/Female 90°R) (TP-103B) (Drier outlet to Cab Bulkhead)	
14	REF	1	AC / HEATER ASSEMBLY.....	OC-4-1

See referenced page for component or assembly breakdown.

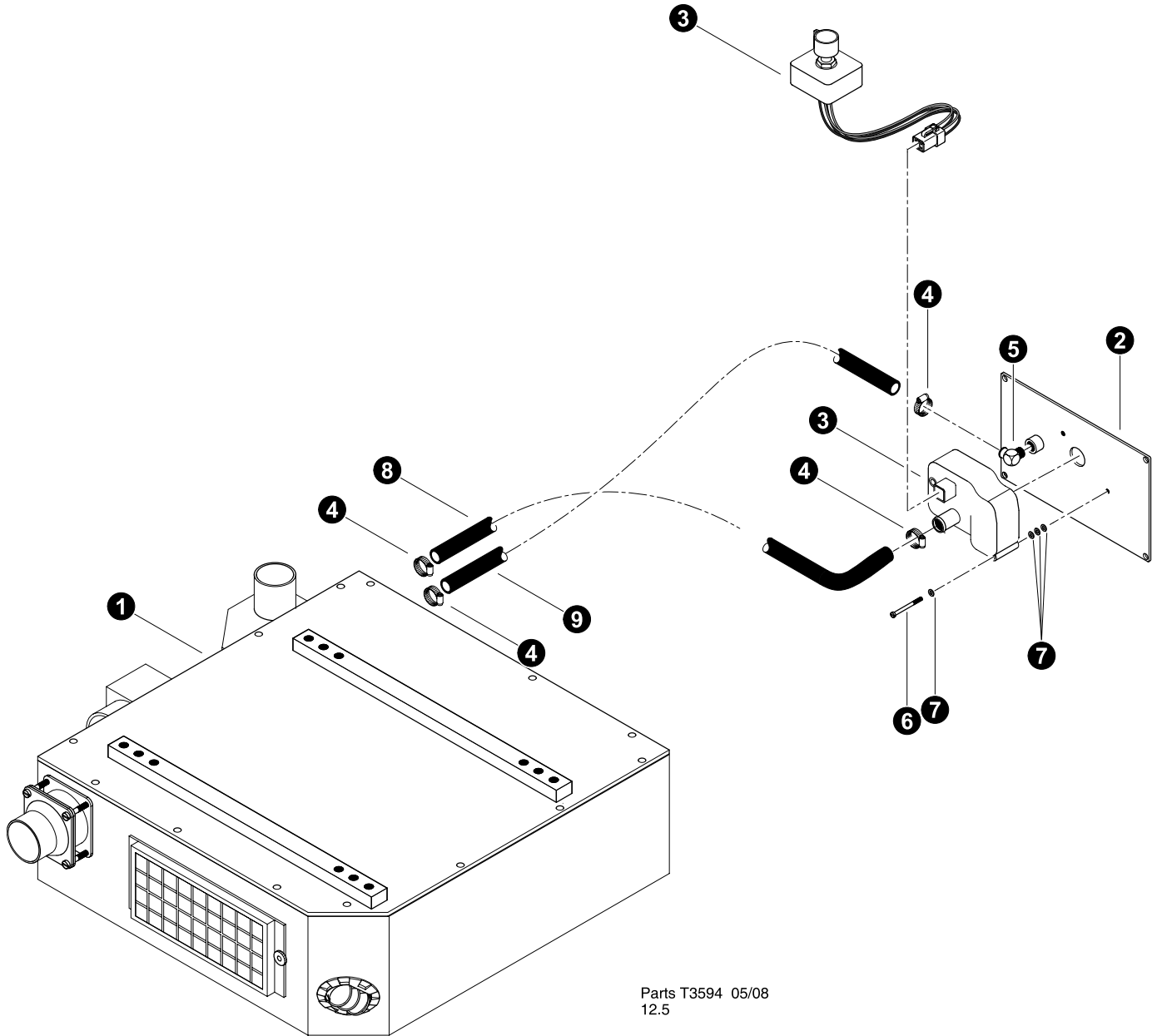


Parts T3817 11/09
18.75

AIR CONDITIONER LINES
(Cab Interior and Exterior)
Machines built after 10/27/09




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	RADIATOR / AC / OIL COOLER ASSEMBLY.....	UP-3
2	-UP	1	O-RING #08 (405863)	
3	-OC	1	Fitting 7/8" -14 X #8 ORB (BT0-770)	
4	-OC	1	HOSE, air conditioner - #8 x 41 " (Female 90°/Female 90°) (TP-100) (Compressor to Condensor tubing inlet)	
5		2	O-RING #10 (405864)	
6	-OC	1	HOSE, air conditioner - #12 x 113" (Female 90°/Female 90°) (BH-167) (Compressor to Cab Bulkhead)	
7	REF	1	CUMMINS QSC ENGINE ASSEMBLY.....	EE-1
8		5	O-RING #06 (405862)	
9	-OC	1	Fitting 7/8" -14 X #8 ORB (BT0-770)	
10	-OC	1	HOSE, air conditioner - #6 x 24" (Female 90°/Female 90°) (TP-102) (Condensor tubing outlet to Drier inlet)	
11	50937-OC	1	DRIER, A/C	
12	50951-OC	1	SWITCH, binary	
13	-OC	1	HOSE, air conditioner - #6 x 87" (Female 90°/Female 90°R) (BH-168) (Drier outlet to Cab Bulkhead)	
14	53961-OC	1	BULKHEAD PLATE, CAB SIDE - CURRENT	
15	-OC	1	HOSE, air conditioner - #6 x 15.5" (Bulkhead 90° to male STR) (BH-166) (EXPANSION Valve to Cab Bulkhead)	
16	-OC	1	HOSE, air conditioner - #12 x 14.5" (Bulkhead 90° to male STR) (BH-165) (EXPANSION Valve to Cab Bulkhead)	
17	REF	1	AC / HEATER ASSEMBLY.....	OC-4-1



 See referenced page for component or assembly breakdown.

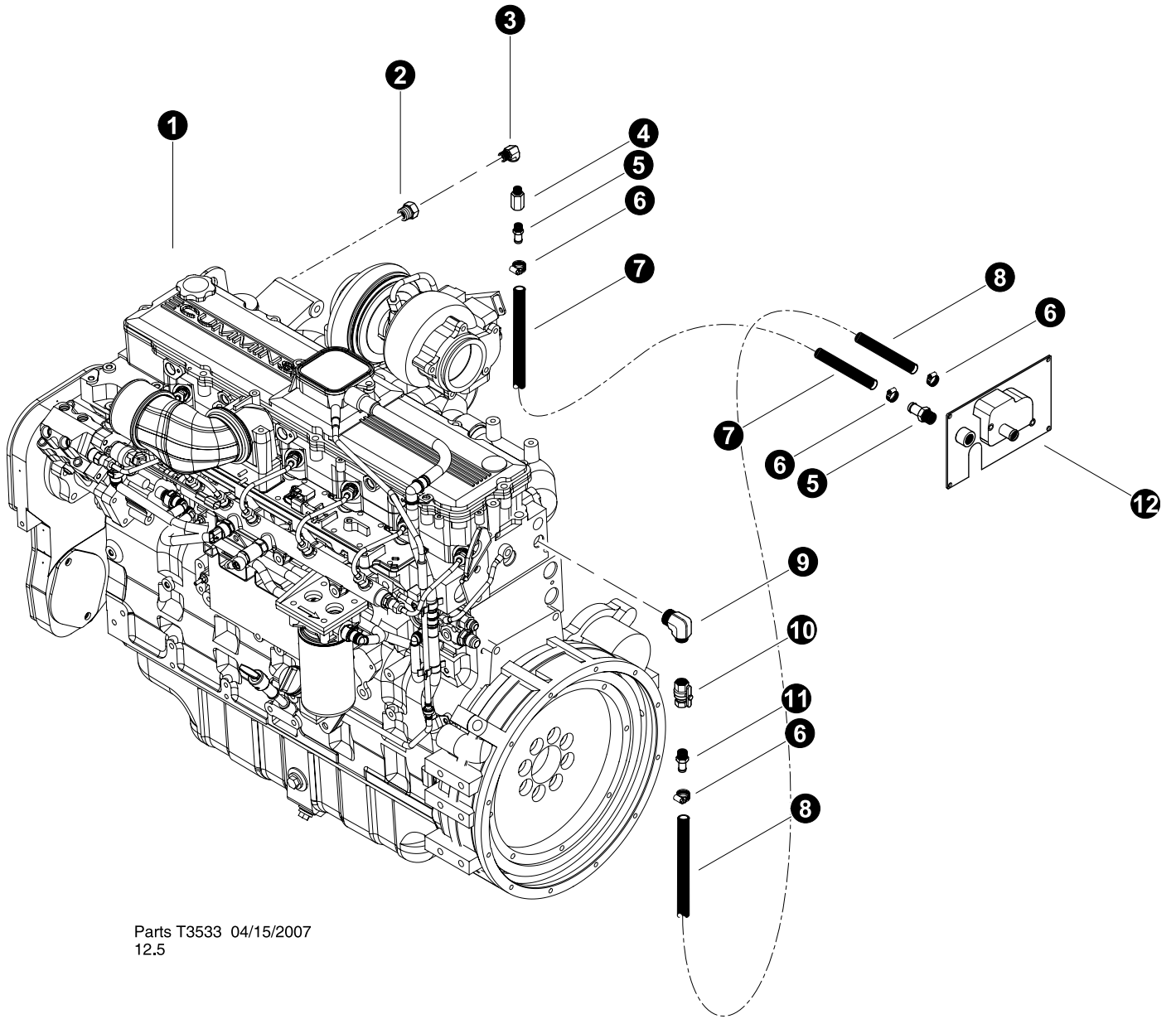


Parts T3594 05/08
12.5

HEATER LINES (Cab Interior)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AIR CONDITIONER / HEATER UNIT.....	OC-4
2	52957-OC	1	BULKHEAD PLATE, CAB SIDE - before 10/17/09	
2	53961-OC	1	BULKHEAD PLATE, CAB SIDE - after 10/27/09	
3	50936-OC	1	VALVE, WATER - KIT (24v Eagle with Electronic Thermostat control)	
4	10759-OC	2	CLAMP, hose - worm style - 7/8"	
5	52081-OC	1	ELBOW, 90 BRASS - NIPPLE #6 npt x 5/8	
6	16127-OC	2	SCREW, MACHINE - #10-24 X 1.25"	
7	10800-OC	8	WASHER, FLAT - .25"	
8	16717-OC	1	 HOSE, heater - 5/8" (<i>Bulkhead to Heater Coil</i>)	
9	16717-OC	1	 HOSE, heater - 5/8" (<i>Bulkhead to Heater Coil</i>)	




 Bulk material - order length required in feet or meters.
 See referenced page for component or assembly breakdown.



Parts T3533 04/15/2007
12.5

HEATER LINES

(Cab Exterior - Cummins QSC Tier 3)

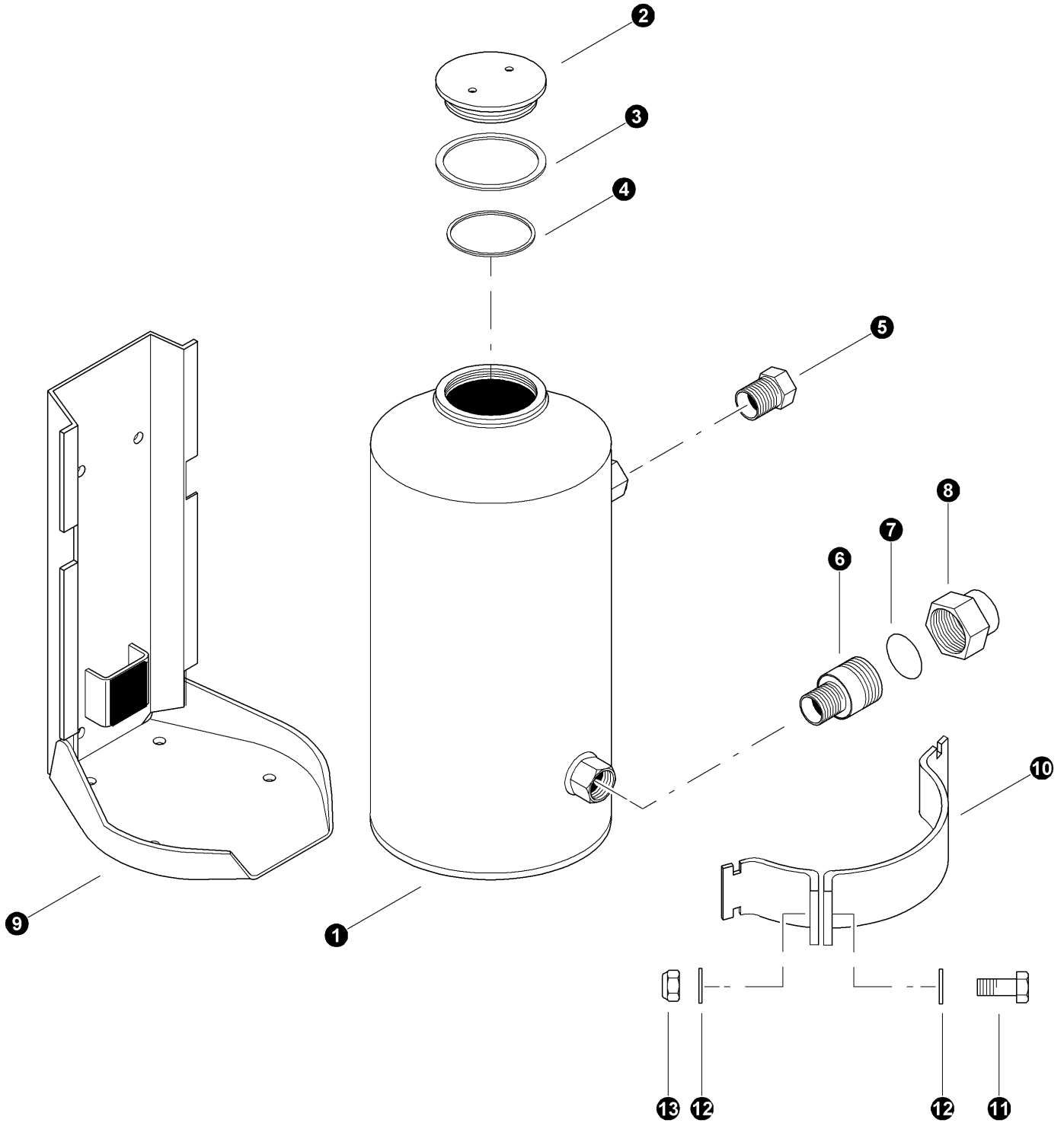
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	CUMMINS QSC ENGINE ASSEMBLY	EE-1
2	15513-OC	2	BUSHING, REDUCER - 5406-12-8	
3	-OC	2	ELBOW, 1/2" X 3/8" CD-S	
4	15652-OC	2	VALVE, CHECK	
5	51502-OC	3	NIPPLE, KING - 3/8" NPT X 5/8" HOSE	
6	10759-OC	4	CLAMP, hose - worm style - 7/8"	
7	16717-OC	1	 HOSE, heater - 5/8" (<i>Bulkhead to engine</i>)	
8	16717-OC	1	 HOSE, heater - 5/8" (<i>Bulkhead to engine</i>)	
9	-OC	1	ELBOW, 3/4" X 1/2" CR-S	
10	51714-OC	1	VALVE, BALL - WATER SHUT OFF HEATER 1/2"	
11	-OC	1	NIPPLE, KING - 1/2" NPT X 5/8" HOSE	
12	REF.	1	 BULKHEAD PLATE ASSEMBLY	OC-4

 Bulk material - order length required in feet or meters.

 See referenced page for component or assembly breakdown.

Section OC-5

Operator's Cab - Optional Fire Suppression System

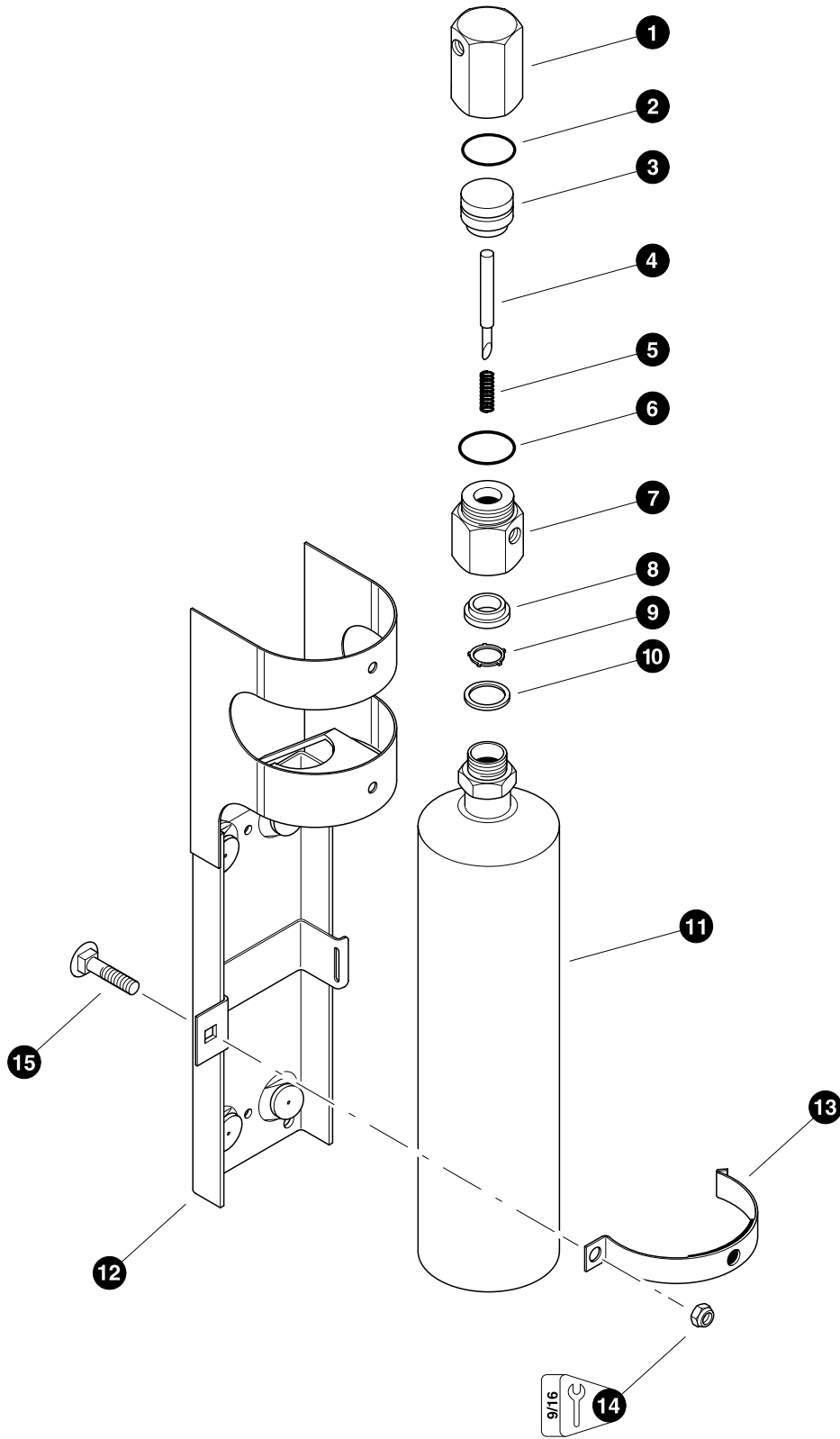


Parts T3376 04/04/2006
25.0

DRY CHEMICAL TANK (50 lbs systems)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
--	52239-OC	1	<input type="checkbox"/>	FIRE PROTECTION SYSTEM - ANSUL (50 lbs)	
1	-OC	1		DRY CHEMICAL TANK ASSEMBLY (A12107)	
-	21235-OC	1	<input type="checkbox"/>	FILL CAP ASSEMBLY	
2	NSS	1		CAP, fill	
3	21233-OC	1		GASKET	
4	21234-OC	1		RING, quad	
5	24290-OC	1		BUSHING, REDUCER - 5406-12-4	
-	21237-OC	1	<input type="checkbox"/>	BURSTING DISC UNION	
6	21238-OC	1		ADAPTER	
7	21239-OC	1		DISC, bursting	
8	21240-OC	1		RING, union tail piece	
-	21241-OC	1	<input type="checkbox"/>	DRY CHEMICAL TANK BRACKET	
9	NSS	1		BRACKET, dry chemical tank	
10	-OC	1		CLAMP. band	
11	10731-OC	2		BOLT - .375" X 1.5"	
12	15528-OC	4		WASHER, SAE flat - 3/8"	
13	15507-OC	2		NUT, nylock - 3/8"	

Kit or Assembly - includes all items indented underneath.

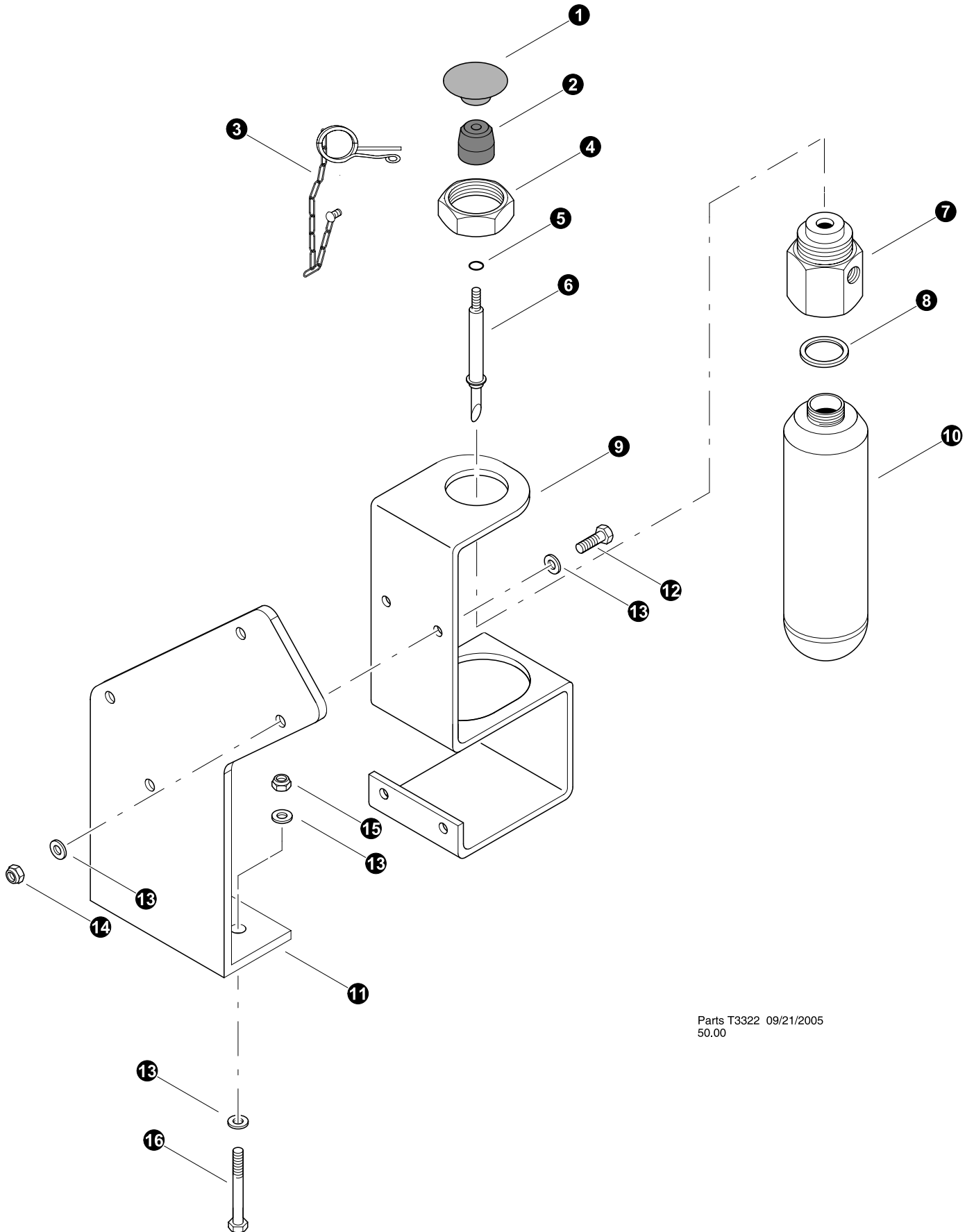


Parts 00596 10/17/2000
37.50

NITROGEN CYLINDER

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	24616-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	21248-OC	1	<input type="checkbox"/> PNEUMATIC ACTUATOR ASSEMBLY	
1	21249-OC	1	BODY, actuator - upper	
2	21250-OC	1	O-RING, slave piston	
3	21251-OC	1	PISTON, pneumatic slave	
4	21252-OC	1	PIN, puncture	
5	21253-OC	1	SPRING	
6	21254-OC	1	O-RING, actuator body	
7	21255-OC	1	BODY, actuator - lower	
8	21256-OC	1	WASHER	
9	21257-OC	1	RING, retaining	
10	21258-OC	1	GASKET	
11	21276-OC	1	CARTRIDGE, nitrogen <i>(Includes shipping cap)</i>	
--	21260-OC	1	<input type="checkbox"/> BRACKET ASSEMBLY, nitrogen tank	
12	NSS	1	BRACKET, nitrogen cylinder	
13	21261-OC	1	ARM, clamp	
	21262-OC	1	PAD, clamp arm	
14	15507-OC	1	NUT, nylock - 3/8"	
15	21263-OC	1	BOLT, carriage - 3/8" x 1"	

Kit or Assembly - includes all items indented underneath.

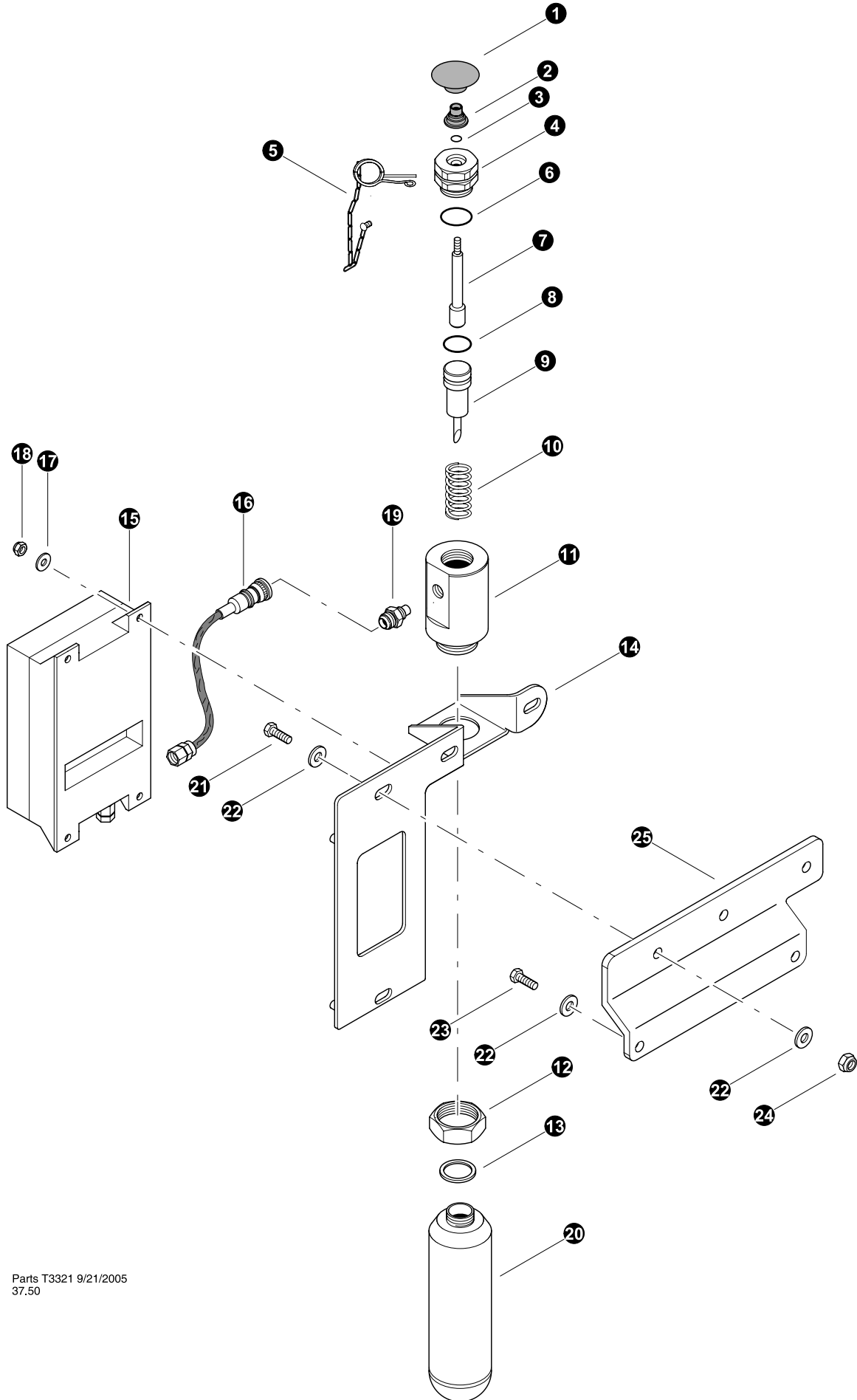


Parts T3322 09/21/2005
50.00

MANUAL ACTUATOR (Exterior Mount)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	24616-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	21264-OC	1	<input type="checkbox"/> MANUAL ACTUATOR ASSEMBLY	
1	21265-OC	1	KNOB	
2	21266-OC	1	BOOT	
3	21272-OC	1	PIN, safety ring	
	21273-OC	1	CHAIN	
	21274-OC	1	SCREW, drive	
	21275-OC	1	WIRE, lead seal (<i>Not shown</i>)	
4	21267-OC	1	NUT, jam	
5	21270-OC	1	O-RING, puncture pin	
6	21271-OC	1	PIN, puncture	
7	21269-OC	1	BODY, actuator	
8	21258-OC	1	GASKET	
9	21268-OC	1	BRACKET, manual actuator	
10	21259-OC	1	CARTRIDGE, manual actuator (<i>Includes shipping cap</i>)	
11	51937-OC	1	BRACKET, FIRE SUPPRESSION MANUAL ACTUATOR	
12	15576-OC	2	BOLT - .25" X 1"	
13	10757-OC	6	WASHER, SAE FLAT - .25"	
14	15509-OC	2	NUT, NYLOCK - .25"	
15	15509-OC	2	NUT, NYLOCK - .25"	
16	15568-OC	2	BOLT - .25" X 2"	

Kit or Assembly - includes all items indented underneath.

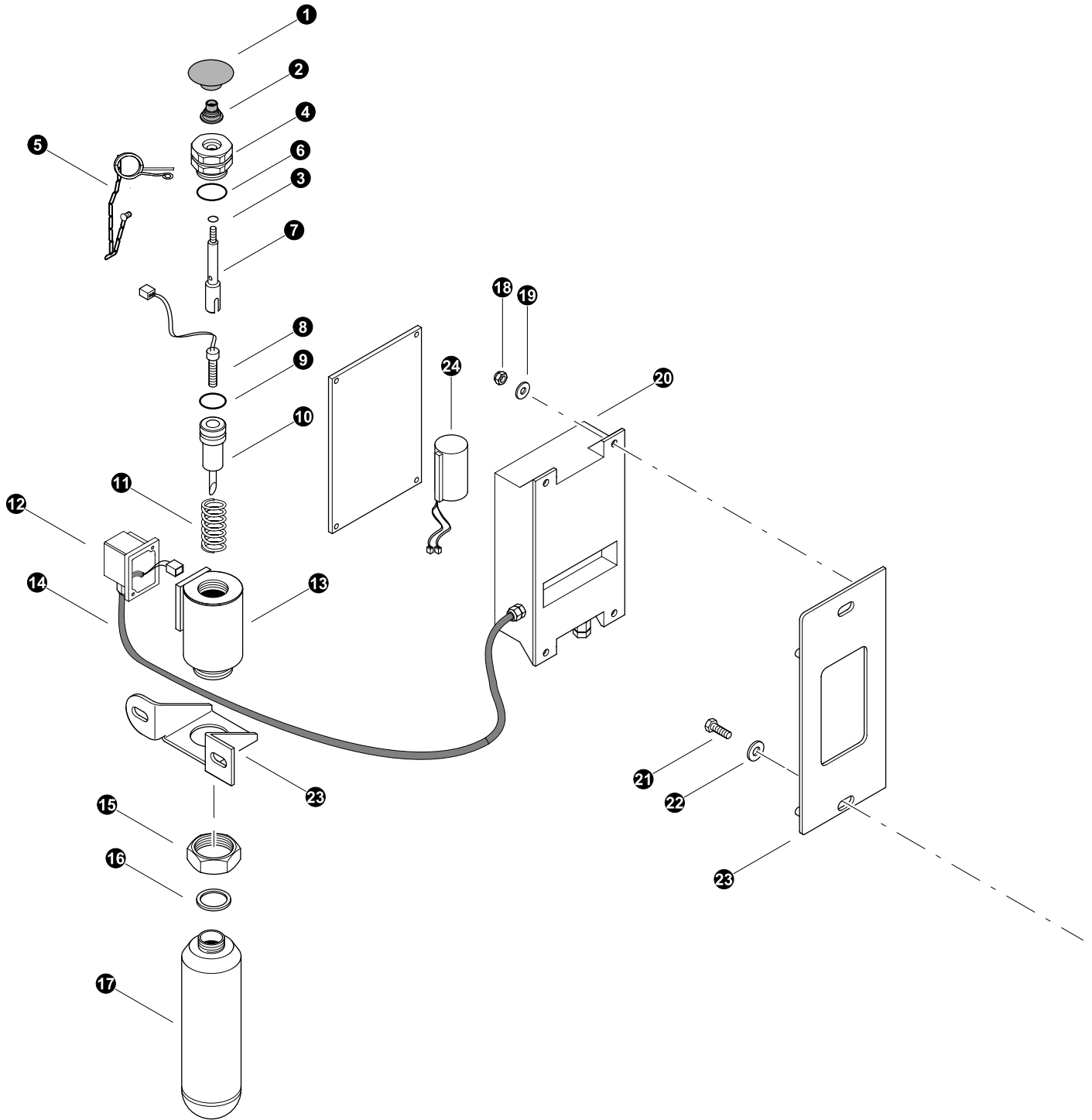


Parts T3321 9/21/2005
37.50

AUTO / MANUAL ACTUATOR
(Interior Mount)
(machines built before 09-24-09)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	52239-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	21294-OC	1	<input type="checkbox"/> AUTO / MANUAL ACTUATOR ASSEMBLY	
1	21265-OC	1	KNOB	
2	21277-OC	1	BOOT	
3	21279-OC	1	O-RING, stem	
4	21278-OC	1	ADAPTER, boot	
5	21272-OC	1	PIN, safety ring	
	21273-OC	1	CHAIN	
	21274-OC	1	SCREW, drive	
	21275-OC	1	WIRE, lead seal (<i>Not shown</i>)	
6	21280-OC	1	O-RING, adapter boot	
7	21281-OC	1	STEM	
8	21282-OC	1	O-RING, puncture pin	
9	21283-OC	1	PIN, puncture	
10	21284-OC	1	SPRING	
11	21285-OC	1	BODY, adapter	
12	21286-OC	1	NUT, jam	
13	21258-OC	1	GASKET	
14	----	1	BRACKET, auto / manual actuator	
15	NSS	1	CONTROL BOX ASSEMBLY	
16	24626-OC	1	CABLE, signal	
17	10810-OC	4	WASHER, SAE flat - 1/4"	
18	15509-OC	4	BOLT, nylock - 1/4"	
19	16515-OC	1	SQUIB	
20	21288-OC	1	CARTRIDGE, manual actuator (<i>Includes shipping cap</i>)	
21	15576-OC	2	BOLT - .25" X 1"	
22	10757-OC	6	WASHER, SAE FLAT - .25"	
23	15604-OC	2	BOLT - .25" X .75"	
24	15509-OC	2	NUT, NYLOCK - .25"	
25	52012-OC	1	BRACKET, FIRE SUPP AUTO / MANUAL ACT.	

Kit or Assembly - includes all items indented underneath.

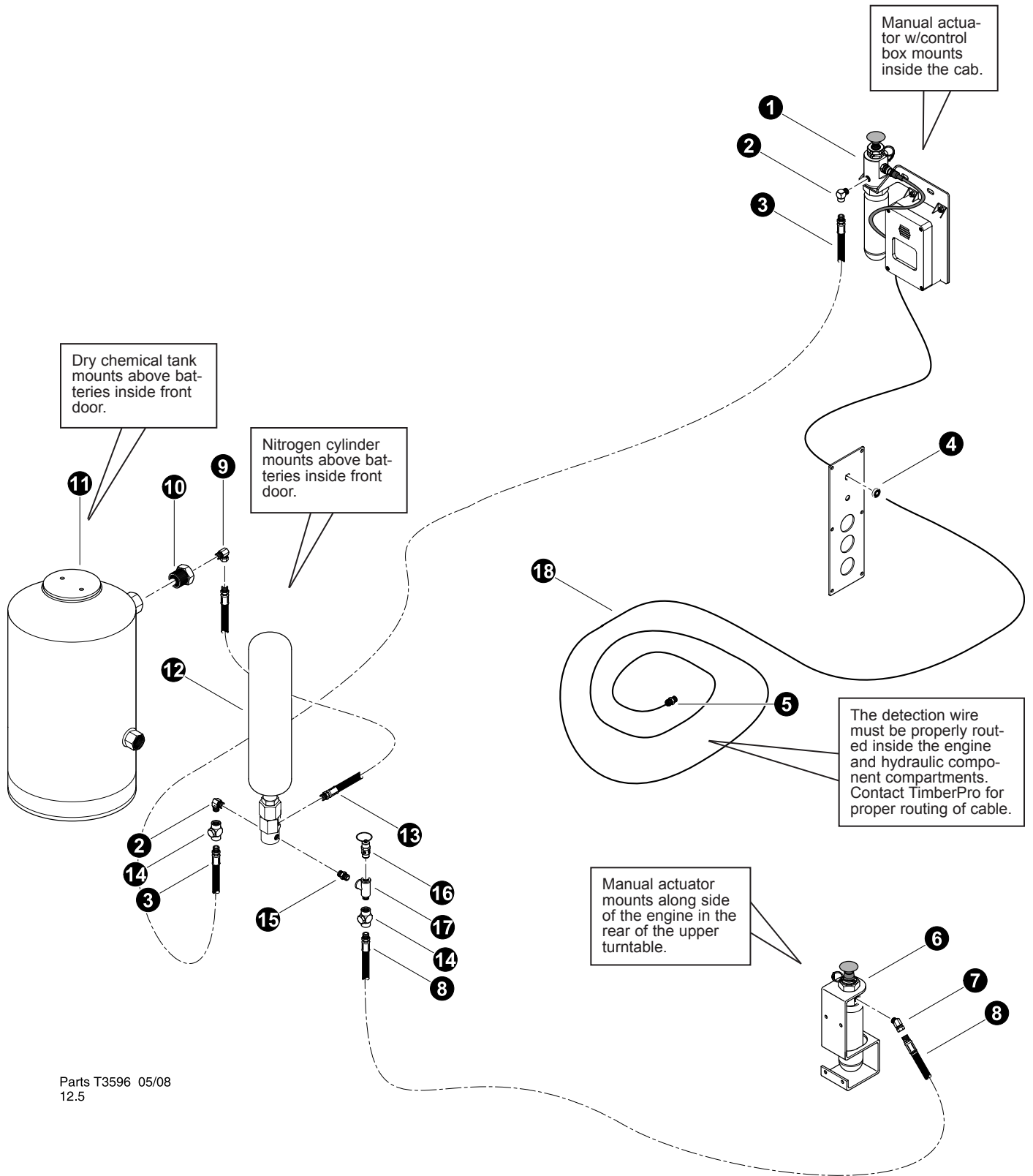


Parts T3808 09/09
37.50

AUTO / MANUAL ACTUATOR (PAD System)
(Interior Mount)
(machines built after 09-24-09)





REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	52239-OC	1	<input type="checkbox"/> FIRE PROTECTION SYSTEM - ANSUL (SC-N)	
--	53957-OC	1	<input type="checkbox"/> AUTO / MANUAL ACTUATOR ASSEMBLY	
1	21265-OC	1	KNOB	
2	21277-OC	1	BOOT	
3	21279-OC	1	O-RING, stem	
4	-OC	1	ADAPTER, boot (21964)	
5	21272-OC	1	PIN, safety ring	
	21273-OC	1	CHAIN	
	21274-OC	1	SCREW, drive	
	21275-OC	1	WIRE, lead seal (<i>Not shown</i>)	
6	21280-OC	1	O-RING, adapter boot	
7	-OC	1	STEM (436876)	
8	53958-OC	1	ACTUATION DEVICE, (PAD)	
9	21282-OC	1	O-RING, puncture pin (3469)	
10	-OC	1	PIN, puncture (435474)	
11	-OC	1	SPRING (24421)	
12	-OC	1	COVER, Connector Housing	
13	21285-OC	1	BODY, adapter	
14	-OC	1	CABLE, (PAD) (436114)	
15	21286-OC	1	NUT, jam	
16	21258-OC	1	GASKET (181)	
17	21288-OC	1	CARTRIDGE, actuator (<i>Includes shipping cap</i>)	
18	15509-OC	4	NUT, NYLOCK - .25"	
19	10757-OC	4	WASHER, SAE FLAT - .25"	
20	NSS	1	CONTROL BOX ASSEMBLY	
21	15509-OC	1	BOLT, nylock - 1/4"	
22	10810-OC	1	WASHER, SAE flat - 1/4"	
23	----	1	BRACKET, auto / manual actuator	
24		1	BATTERY MODULE, (427308)	

Kit or Assembly - includes all items indented underneath.



Parts T3596 05/08
12.5

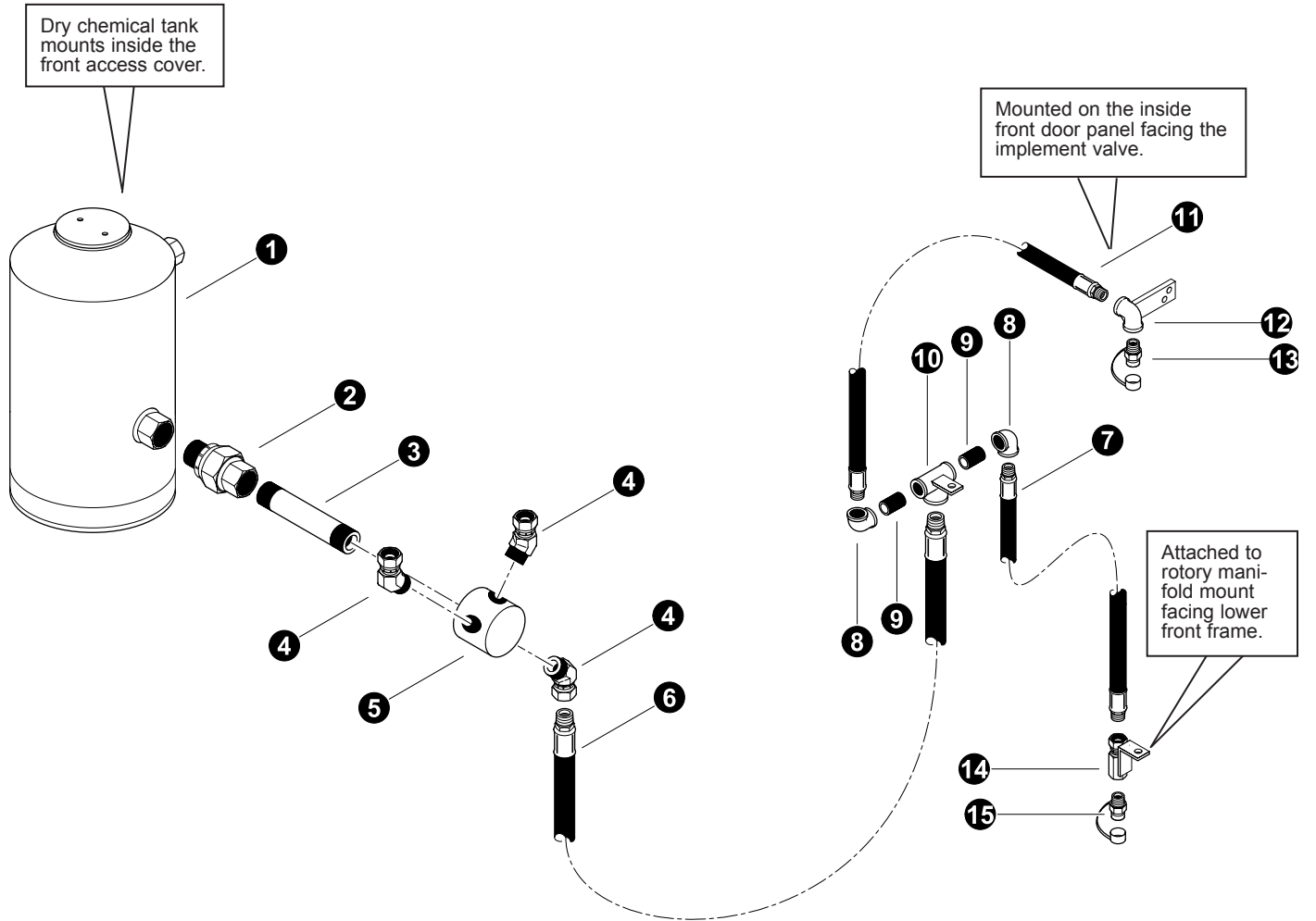
ACTUATION SYSTEM INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 AUTO / MANUAL ACTUATOR ASSEMBLY.....	OC-5
2	21147-OC	1	ELBOW, 90 STREET .25" NPT - BRASS	
3	-OC	1	HOSE ASSEMBLY - 2160 -04-04MP-04MS (<i>Interior auto / manual actuator to nitrogen cylinder</i>)	
4	42513-OC	1	GROMMET, .375 I.D.	
5	-OC	1	SQUIB, ELECTRICAL CONNECTOR (A12129)	
6	REF.	1	 MANUAL ACTUATOR ASSEMBLY	OC-5
7	11372-OC	1	ELBOW, 45 SWIVEL - 1503-4-4	
8	-OC	1	HOSE ASSEMBLY - 2099 -04-04MP-04MS (<i>Exterior manual actuator to nitrogen cylinder</i>)	
9	10320-OC	3	ELBOW, 90 SWIVEL - 1501-4-4	
10	24290-OC	1	BUSHING, REDUCER - 5406-12-4	
11	REF	1	 DRY CHEMICAL TANK ASSEMBLY	OC-5
12	REF.	1	 NITROGEN CYLINDER ASSEMBLY	OC-5
13	-OC		HOSE ASSEMBLY - 2011 -04-04MP-04MS (<i>Dry chemical tank to Nitrogen cylinder</i>)	
14	16778-OC	2	VALVE, check	
15	15567-OC	1	CONNECTOR, STR - 5404-4	
16	21299-OC	1	VALVE, safety relief	
17	16310-OC	1	TEE, BLACK - .25"	
18	50504-OC	40ft	WIRE, DETECTION - LINEAR	

 See reference page for component or assembly breakdown.


IMPORTANT NOTE !

Detection wire needs to be properly routed and isolated away from high temperature items (turbo & exhaust). Improper routing of the detection wire could cause system to not detect fire and to not operate properly. Wire also needs to be properly isolated away from items that could cause damage and wear to the wire. Contact TimberPro if you have any question on the routing of the detection wire.



Parts T3597 05/08
12.5

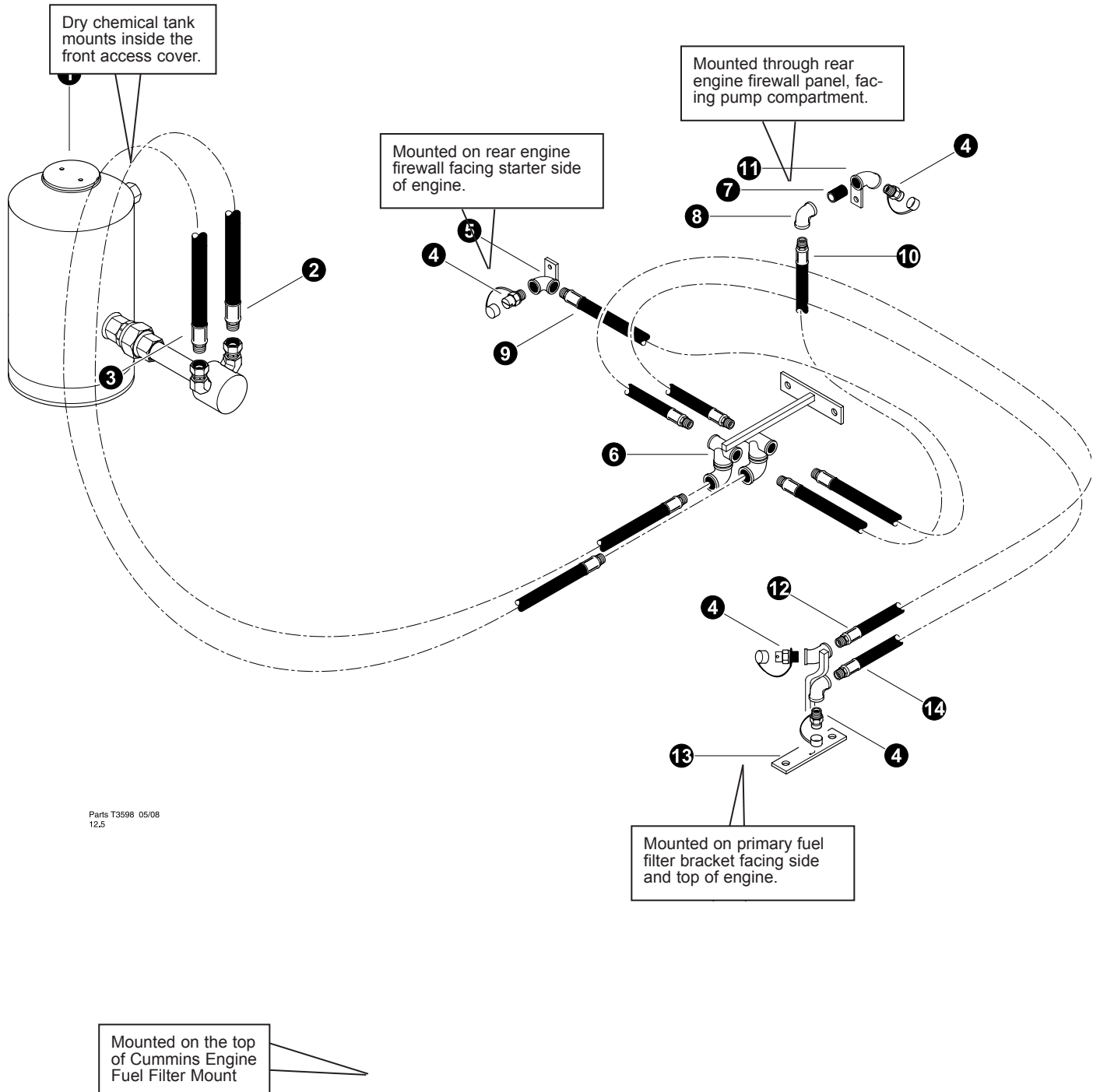
FIRE SUPPRESSION LINES (Dry Chemical Tank To Distributions Tee)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 DRY CHEMICAL TANK ASSEMBLY.	OC-5
2	21237-OC	1	UNION	
3	53123-OC	1	NIPPLE, BLACK PIPE - 1" x 4" FIRE SUP.	
4	53184-OC	3	FITTING, ELBOW - 45DEG MALE PIPE	
5	-OC	1	Distribution Block	
6	-OC	1	HOSE ASSEMBLY - 2066-12-12MP-12MS (Dry Chemical Tank distribution block to tee)	
7	-OC	1	HOSE ASSEMBLY - 2031-08-08MP-08MS (Dry Chemical Tank distribution block to tee)	
8	15660-OC	1	ELBOW, BLACK 90 STREET - .5"	
9	16126-OC	1	NIPPLE, CLOSE .5"	
10	53591-OC	1	TEE, FIRE SUPPRESSION - Valve Area	
11	-OC	1	HOSE ASSEMBLY - 2066 -08-08MS-08MP (Valve compartment tee to main control valve nozzle)	
12	53592-OC	1	BRACKET, FIRE NOZZEL - Valve Area	
13	17838-OC	3	NOZZLE, V pattern - .5"	
14	53593-OC	1	BRACKET, FIRE NOZZEL - Rotary Man	
15	16776-OC	1	NOZZLE, Cone pattern - .5"	


 See reference page for component or assembly breakdown.

IMPORTANT NOTE !

Proper routing of fire suppression hoses, nozzle placement and direction of nozzle pattern are very important in the proper operation of the fire suppression system. Please contact TimberPro for any questions you have on proper installation of fire suppression components.



FIRE SUPPRESSION LINES (Distribution Tee To Engine & Pump Compartments)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 DRY CHEMICAL TANK ASSEMBLY.	OC-5
2	-OC	1	HOSE ASSEMBLY - 2087-12-12MP-12MS (Dry Chemical Tank distribution block to engine tee)	
3	-OC	1	HOSE ASSEMBLY - 2090-12-12MP-12MS (Dry Chemical Tank distribution block to engine tee)	
4	17838-OC	1	NOZZLE, V pattern - .5"	
5	53597-OC	1	BRACKET, FIRE NOZZEL - Starter	
6	53594-OC	1	TEE, FIRE SUPPRESSION - Engine	
7	16126-OC	1	NIPPLE, CLOSE .5"	
8	15660-OC	1	ELBOW, BLACK 90 STREET - .5"	
9	-OC	1	HOSE ASSEMBLY - 2035 -08-08MS-08MP (Engine Compartment tee to starter side engine nozzle)	
10	-OC	1	HOSE ASSEMBLY - 2038 -08-08MS-08MP (Engine Compartment tee to pump compartment nozzle)	
11	53595-OC	1	BRACKET, FIRE NOZZEL - pump compartment	
12	-OC	1	HOSE ASSEMBLY - 2050 -08-08MS-08MP (Engine Compartment tee to turbo nozzle)	
13	53596-OC	1	BRACKET, FIRE NOZZEL - Fuel Filter	
14	-OC	1	HOSE ASSEMBLY - 2052 -08-08MS-08MP (Engine Compartment tee to fuel filter side of engine nozzle)	

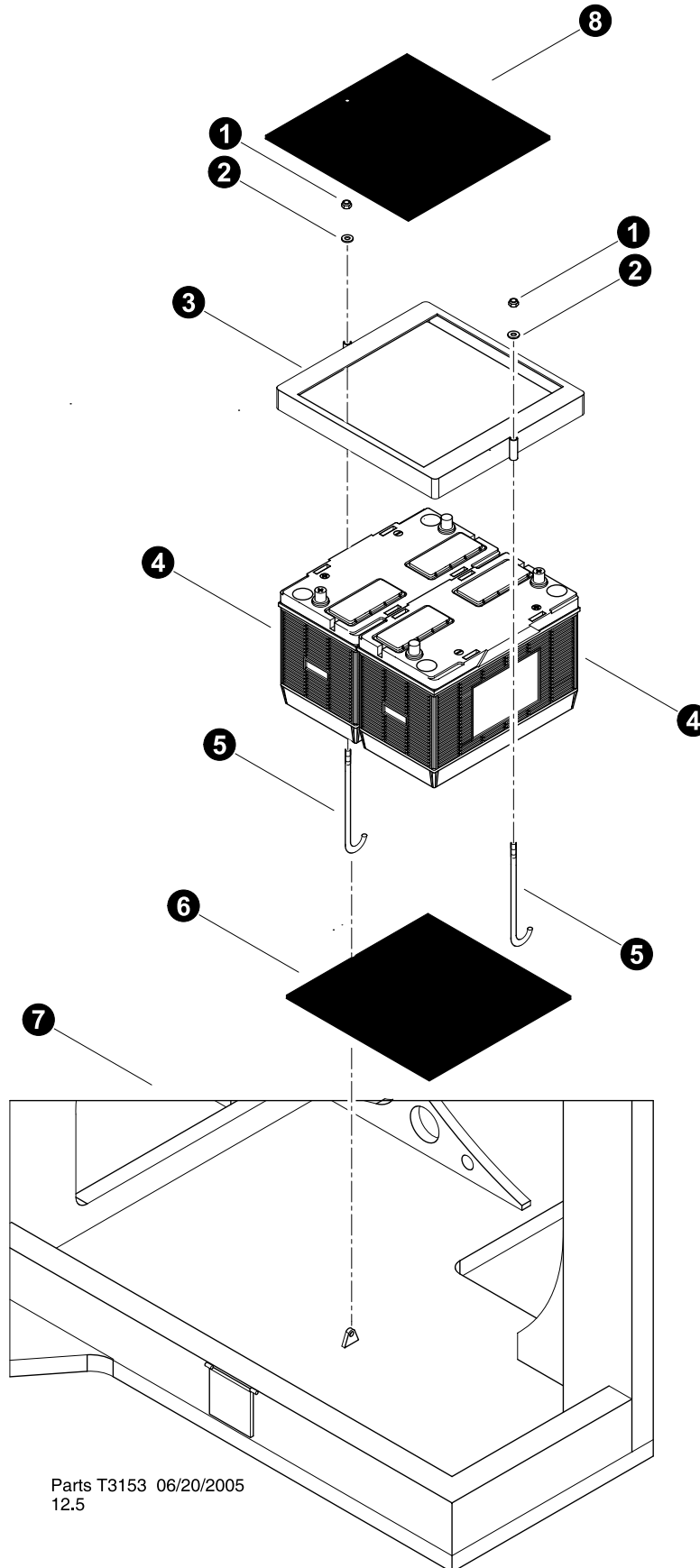
 See reference page for component or assembly breakdown.

IMPORTANT NOTE !

Proper routing of fire suppression hoses, nozzle placement and direction of nozzle pattern are very important in the proper operation of the fire suppression system. Please contact TimberPro for any questions you have on proper installation of fire suppression components.


Section ES-1

Electrical System - Engine Compartment

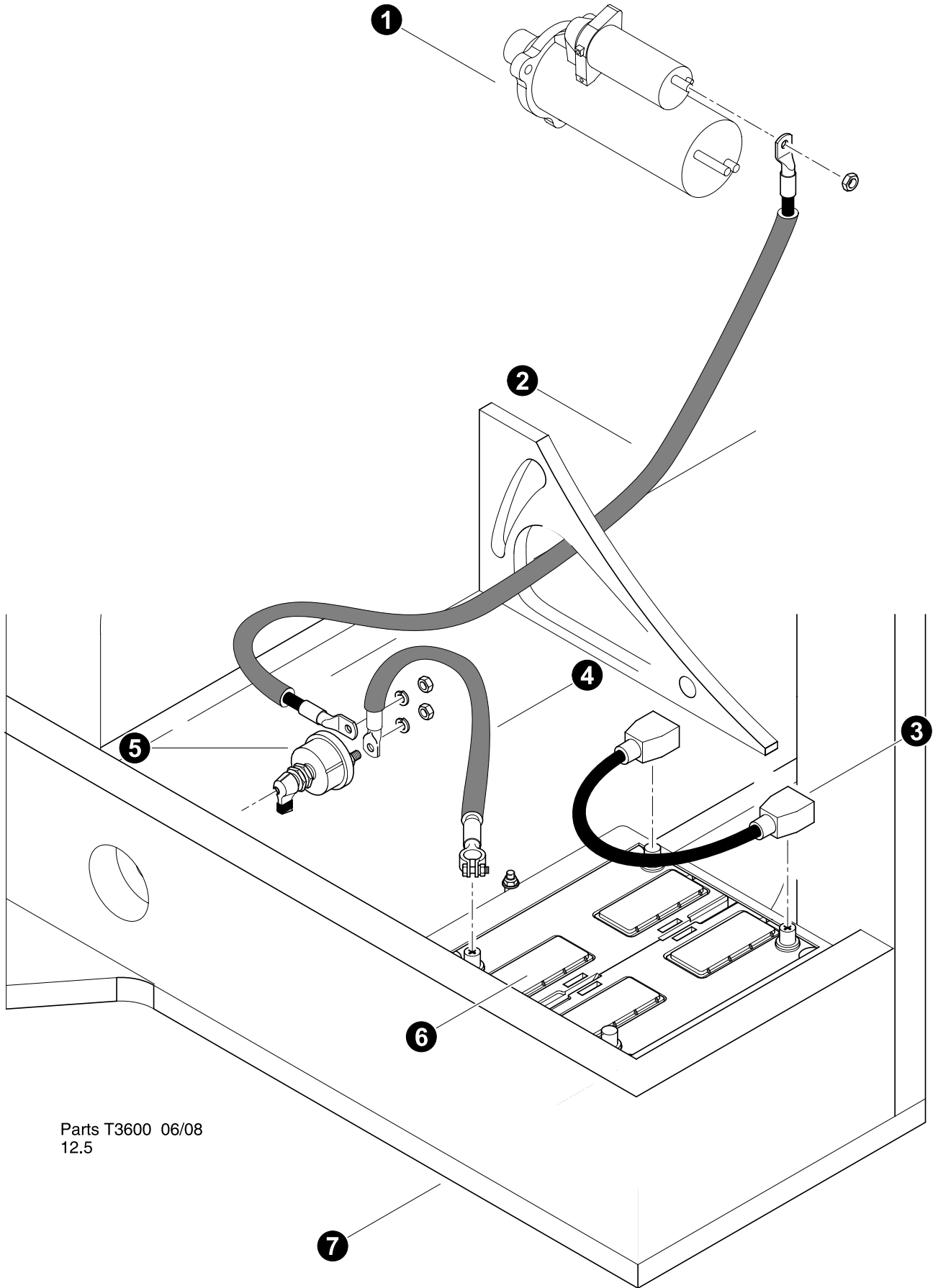


Parts T3153 06/20/2005
12.5

ENGINE ELECTRICAL SYSTEM Battery Installation

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	10788-ES	2	NUT, NYLOCK - .3125"	
2	15559-ES	2	WASHER, SAE FLAT - .3125"	
3	51759-ES	1	BRACKET, BATTERY HOLD DOWN	
4	17150-ES	2	BATTERY, HEAVY DUTY	
5	51722-ES	1	HOLD DOWN, BATTERY - 830/630 (2 PER PACK)	
6	51861-ES	1	RUBBER PAD, 1/4"	
7	REF.	1	 UPPER TURNTABLE ASSEMBLY	UP-1
8	51861-ES	1	RUBBER PAD, 1/4"	




 See referenced page for component or assembly breakdown.



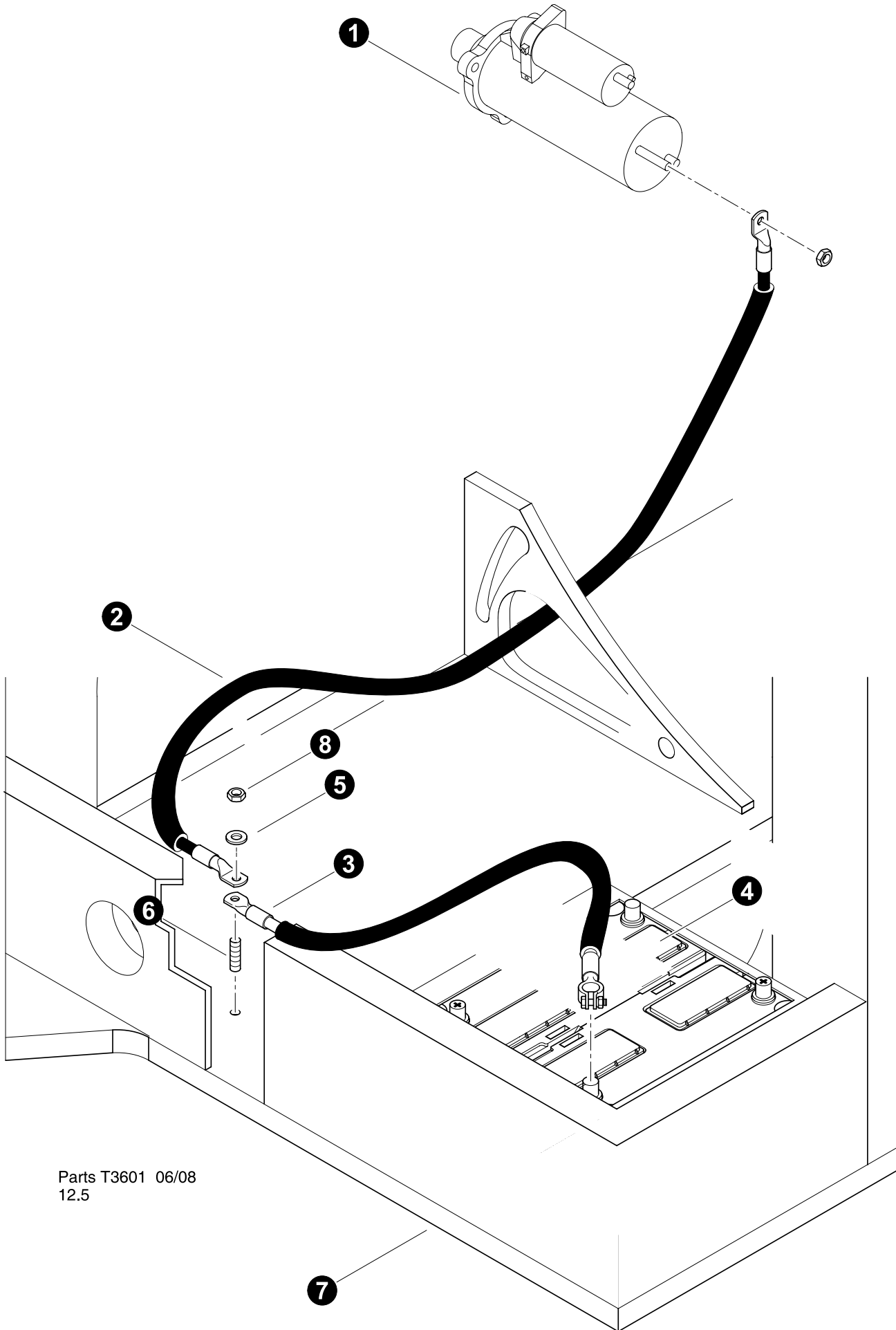
Parts T3600 06/08
12.5

ENGINE ELECTRICAL SYSTEM

Battery Positive to Starter

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 STARTER	EE
2	52988-ES	1	CABLE, MASTER DISC. TO STARTER POS	
3	24300-ES	1	CABLE, BATTERY POS/NEG JUMPER	
4	52990-ES	1	CABLE, BAT. POSITIVE TO MAST. DISCONNECT	
5	25200-ES	1	SWITCH, MASTER SHUT-OFF(1/2" STUD)	
6	REF	1	 BATTERY ASSEMBLY	ES-1
7	REF.	1	 UPPER TURNTABLE ASSEMBLY	UP-1




 See referenced page for component or assembly breakdown.



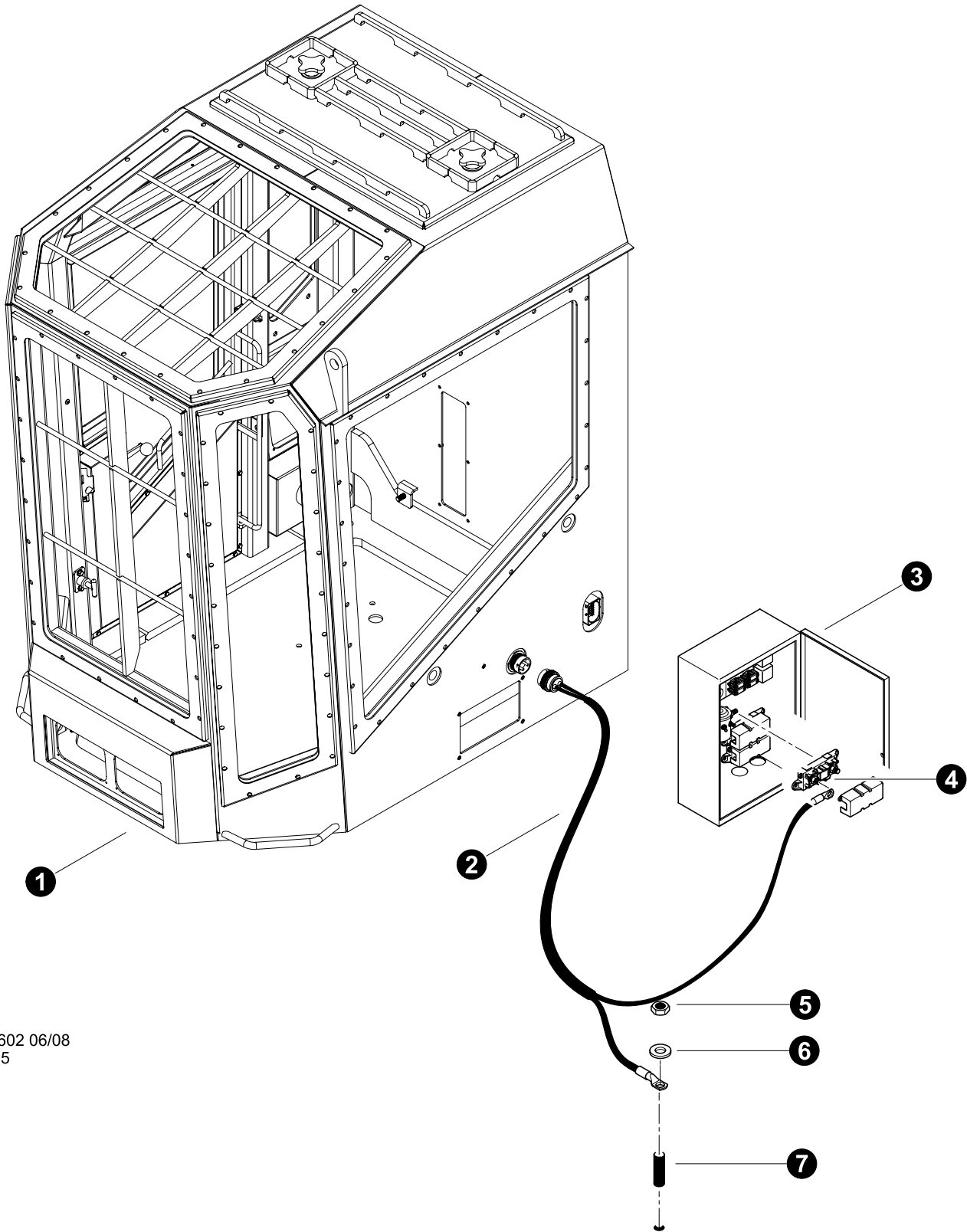
Parts T3601 06/08
12.5

ENGINE ELECTRICAL SYSTEM

Battery Negative to Main Grounding Stud

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 UPPER TURNTABLE ASSEMBLY	UP-1
2	52987-ES	1	CABLE, GROUND TO STARTER NEG. (830/630)	
3	52989-ES	1	CABLE, BATTERY NEG. TO GROUND STUD	
4	REF	1	 BATTERY ASSEMBLY	ES-1
5	15534-ES	2	WASHER, SAE FLAT - .5"	
6	53082-ES	1	STUD, MAIN GROUND (NEW 830 UPPER)	
7	REF.	1	 UPPER TURNTABLE ASSEMBLY	UP-1



 See referenced page for component or assembly breakdown.



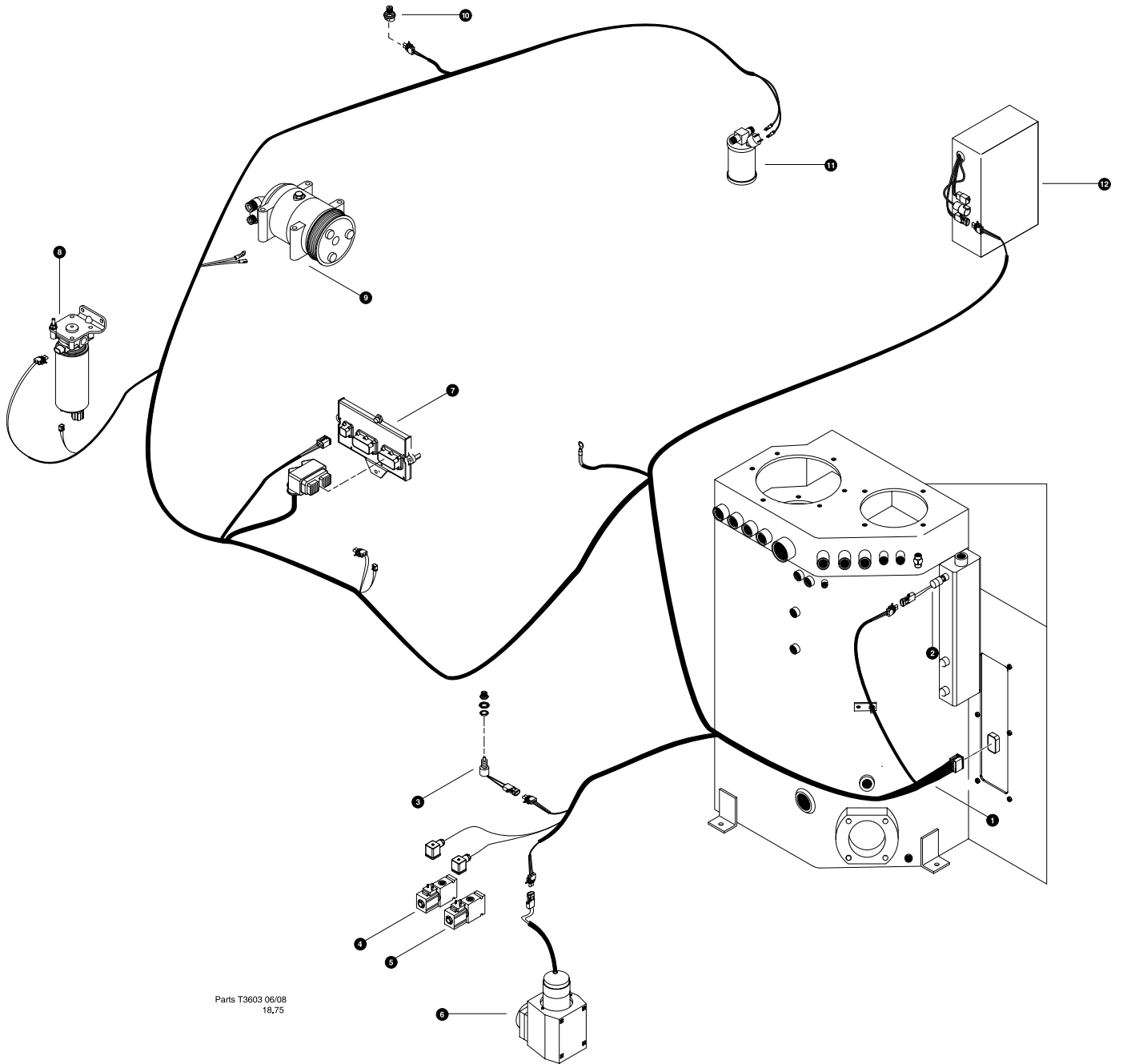
T3602 06/08
6.25

ENGINE ELECTRICAL SYSTEM

Cab Load Center Power Harness










REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 CAB ASSEMBLY.....	OC-1
2	52963-ES	1	HARNESS, CAB LOAD CENTER FEED (830/630)	
3	REF.	1	 ENGINE ELECTRICAL CENTER ASSEMBLY.....	ES-1
4	23619-ES	1	FUSE, MAIN CAB LOAD CENTER - 100 AMP (MEGA)	

 See referenced page for component or assembly breakdown.

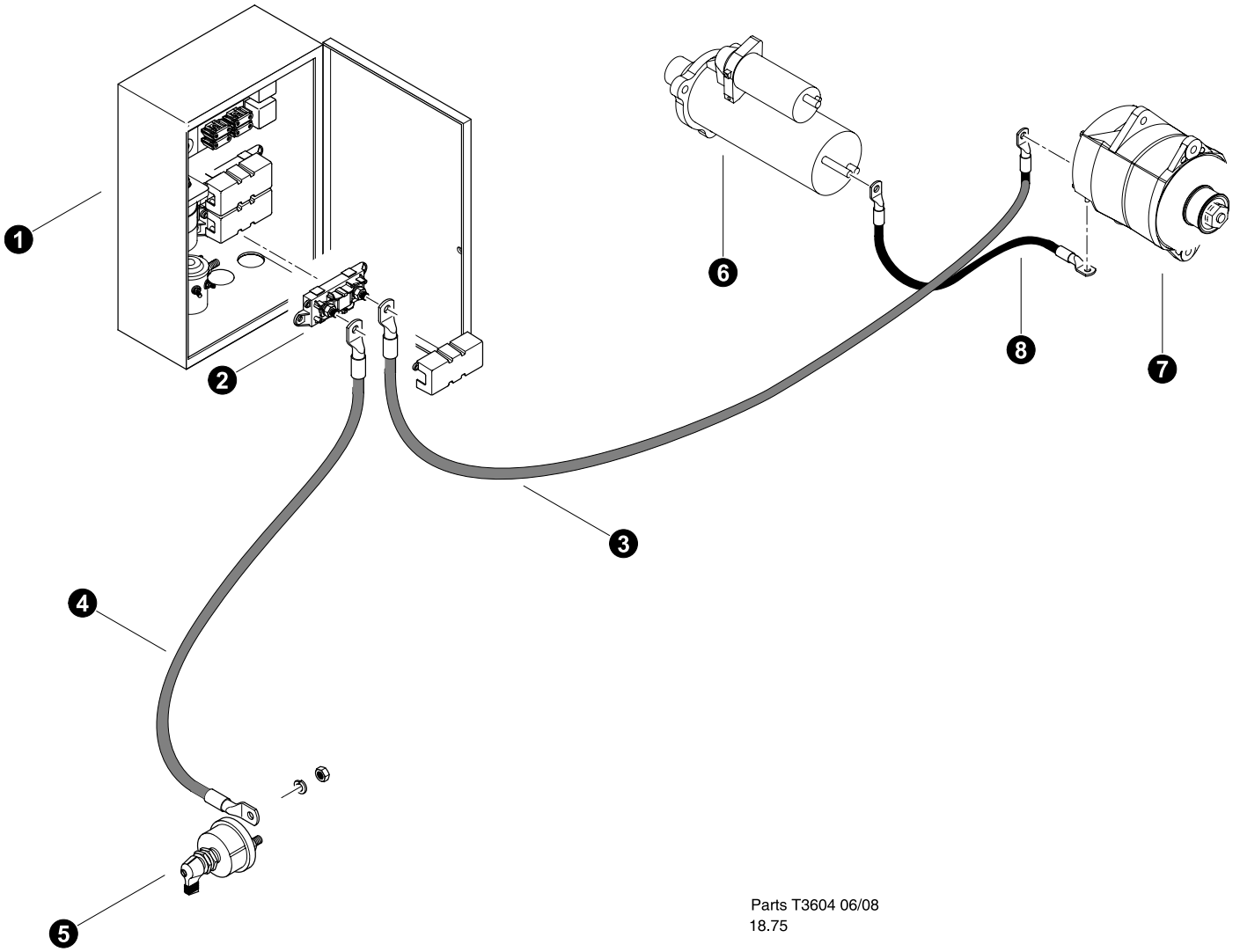


Parts T3603 06/08
13,75

ENGINE ELECTRICAL SYSTEM
Main Engine Electrical Harness
(Cummins QSC Tier3)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52932-ES	1	HARNESS, ENGINE COMP - 830/630 (MDL)	
	REF	1	 LIGHT ASSEMBLY	ES-1
2	REF	1	 VACUUM PRESSURE SWITCH (tank assembly)	UP-2
3	25104-ES	1	SWITCH, FILL PUMP	
4	REF.	1	 VENT VALVE	UP-2
5	REF.	1	 VACUUM VALVE	UP-2
6	REF.	1	 VACUUM PUMP	UP-2
7	REF.	1	 ENGINE ECU	EE-1
8	REF	1	 FUEL HEATER / FILTER ASSEMBLY	EE-1
9	REF.	1	 AC COMPRESSOR	EE-1
10	52661-ES	1	SENSOR, LOW COOLANT - TIER 3	
11	REF	1	DRIER, AC System	OC-3
12	REF	1	 ENGINE ELECTRICAL CENTER	ES-1


 See referenced page for component or assembly breakdown.

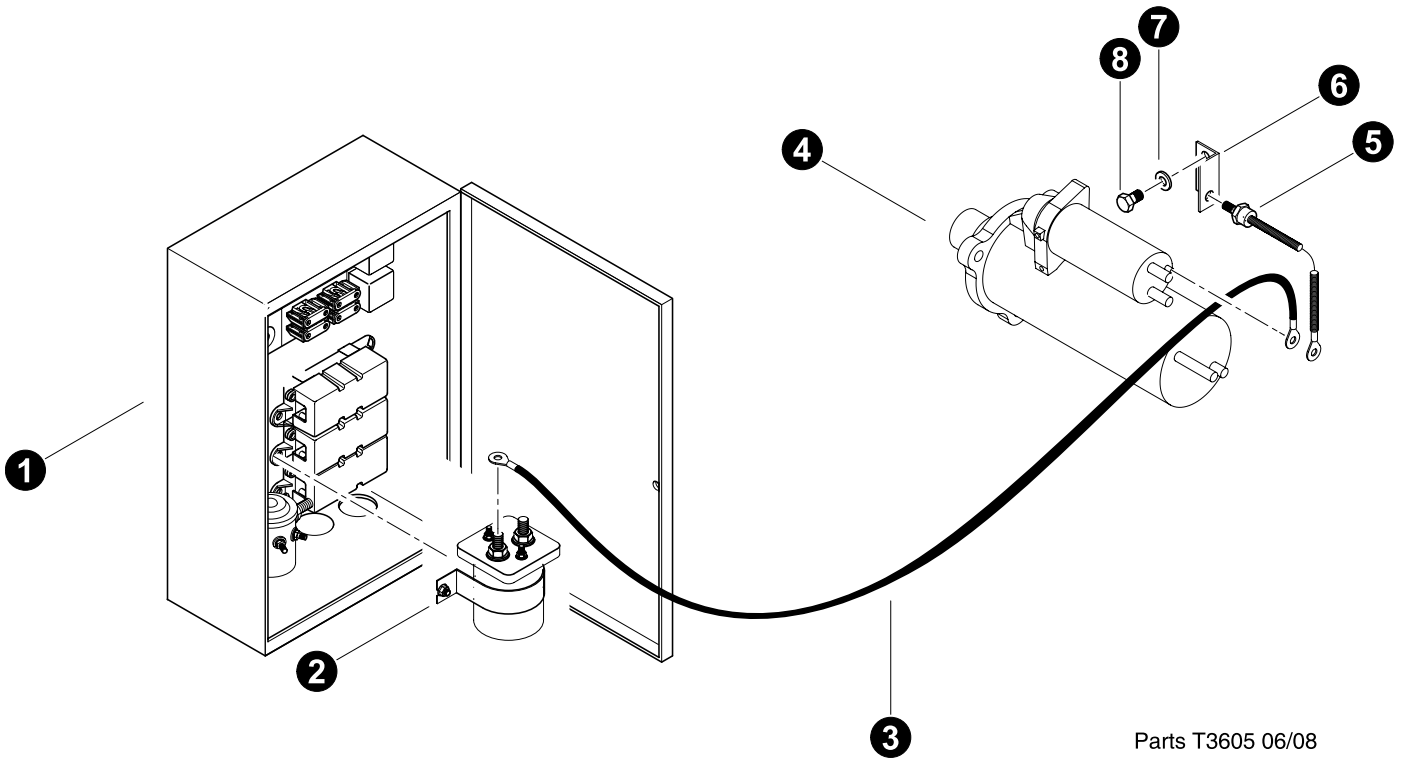


Parts T3604 06/08
18.75

ENGINE ELECTRICAL SYSTEM
Alternator Electrical
(Cummins QSC)




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE ELECTRICAL CENTER ASSEMBLY.....	ES-1
2	23619-ES	1	FUSE, 100 AMP (MEGA)	
3	53020-ES	1	CABLE, STARTER TO FUSE (830-630)	
4	52388-ES	1	CABLE, FUSE to Disconnect Switch (830-630)	
5	25200-ES	1	SWITCH, MASTER SHUT-OFF(1/2" STUD)	
6	REF.	1	 STARTER.....	EE
7	REF.	1	 ALTERNATOR.....	EE
8	24304-ES	1	CABLE, ALTERNATOR GROUND	

 See referenced page for component or assembly breakdown.

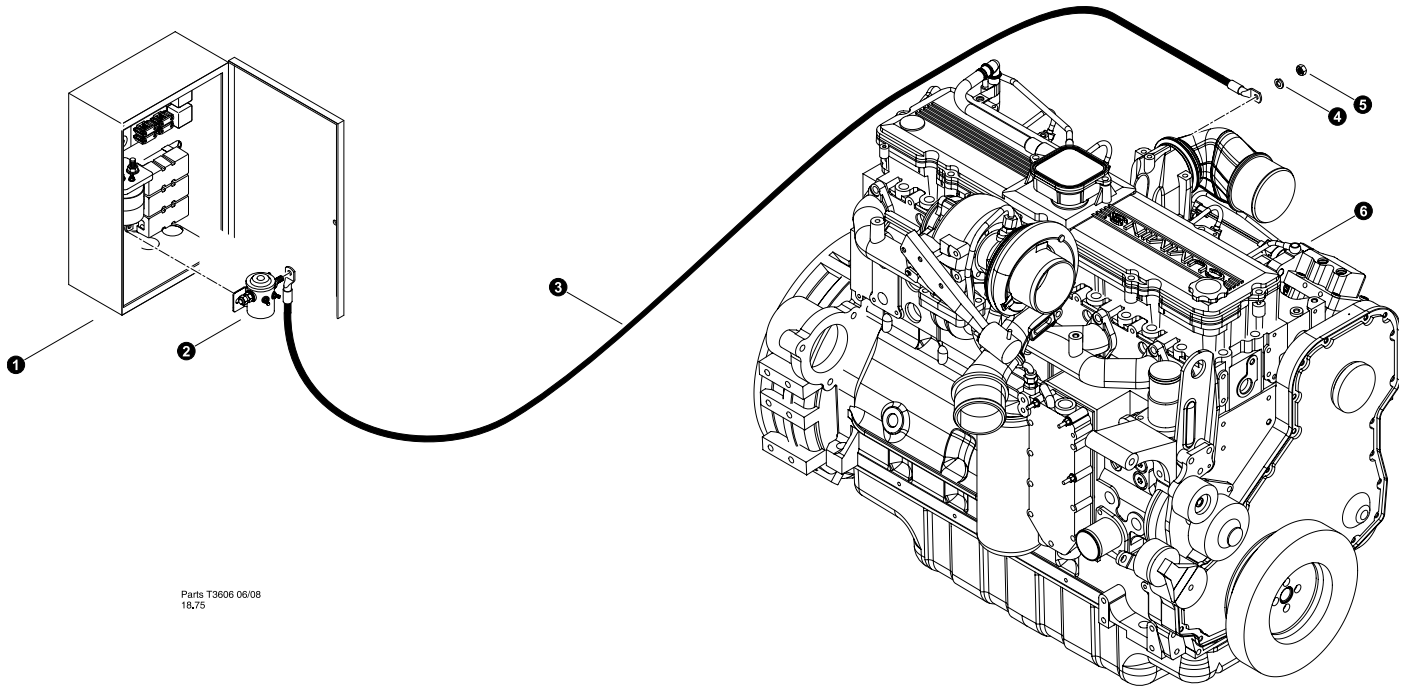


Parts T3605 06/08
18.75

ENGINE ELECTRICAL SYSTEM
Starter Electrical
(Cummins QSC)



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		ENGINE ELECTRICAL CENTER ASSEMBLY.....	ES-1
2	REF.	1		STARTER RELAY.....	ES-1
3	51750-ES	1		CABLE, START RELAY TO STARTER SOL.	
4	REF.	1		STARTER.....	EE
5	25052-ES	1		DIODE, assembly engine start relay	
6	25058-ES	1		BRACKET, DIODE MOUNTING (CUM. C ENG.)	
7	15528-ES	1		WASHER, SAE FLAT - .375"	
8	18416-ES	1		BOLT - 10MM-1.5P X 25MM	


 See referenced page for component or assembly breakdown.

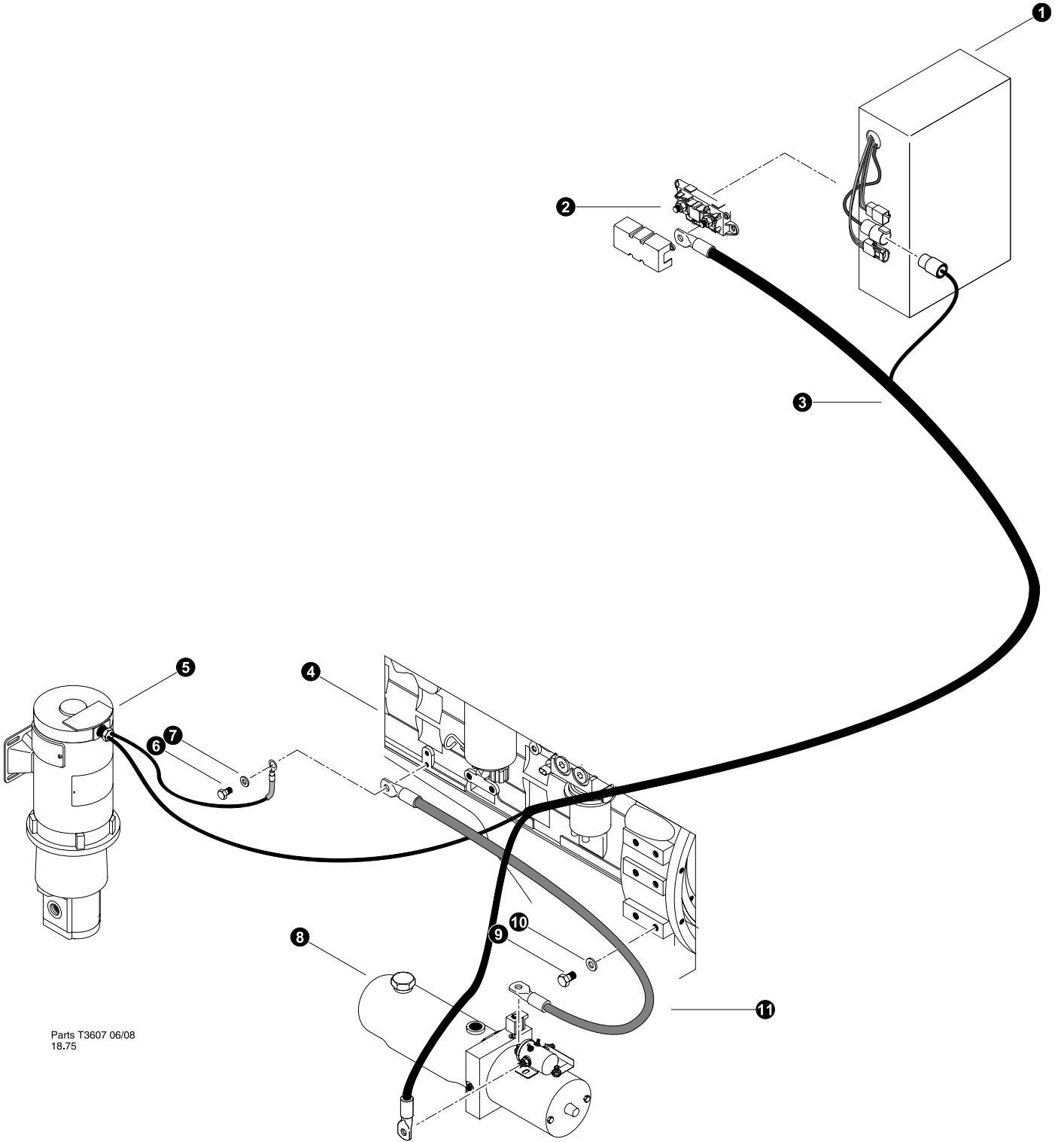


Parts T3606 06/08
18,75

ENGINE ELECTRICAL SYSTEM
Grid Heater Cable
(Cummins QSC)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE ELECTRICAL CENTER ASSEMBLY.....	ES-1
2	25199-ES	1	RELAY, GRID HEATER - 24 volt (COLE HERSEE)	
3	53018-ES	1	CABLE, GRID HEATER (830/630)	
4	10756-ES	1	WASHER, LOCK - .25"	
5	16117	1	NUT, HEX - 6MM	
6	REF.	1	 ENGINE	EE-1





 See referenced page for component or assembly breakdown.




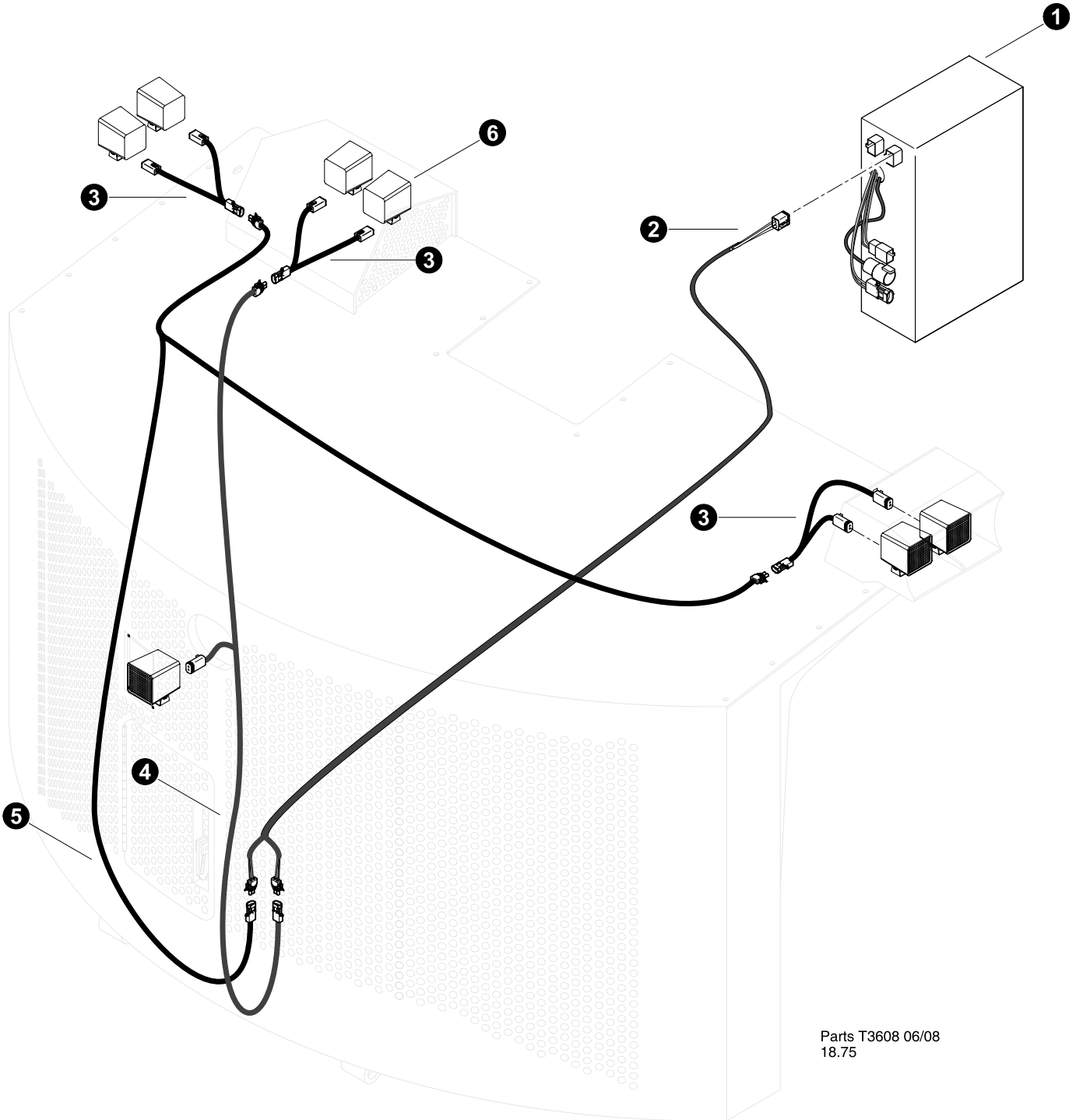
Parts T3607 06/08
18.75

ENGINE ELECTRICAL SYSTEM

Fill Pump and Gull Wing Lift Pump Harness



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		ENGINE ELECTRICAL CENTER ASSEMBLY.....	ES-1
2	23619-ES	1		FUSE, 100 AMP (MEGA)	
3	53019-ES	1		CABLE, FILL PUMP/DOOR PUMP	
4	REF.	1		ENGINE ASSEMBLY	EE
5	REF.	1		FILL PUMP ASSEMBLY	UP-2
6	15556-ES	1		BOLT - 12MM-1.75P X 20MM	
7	15534-ES	1		WASHER, SAE FLAT - .5"	
8	REF	1		GULL WING DOOR LIFT PUMP ASSEMBLY	UP-3
9	15556-ES	1		BOLT - 12MM-1.75P X 20MM	
10	15534-ES	1		WASHER, SAE FLAT - .5"	
11	51875-ES	1		CABLE, GROUND - LIFT PUMP 830/630	


 See referenced page for component or assembly breakdown.

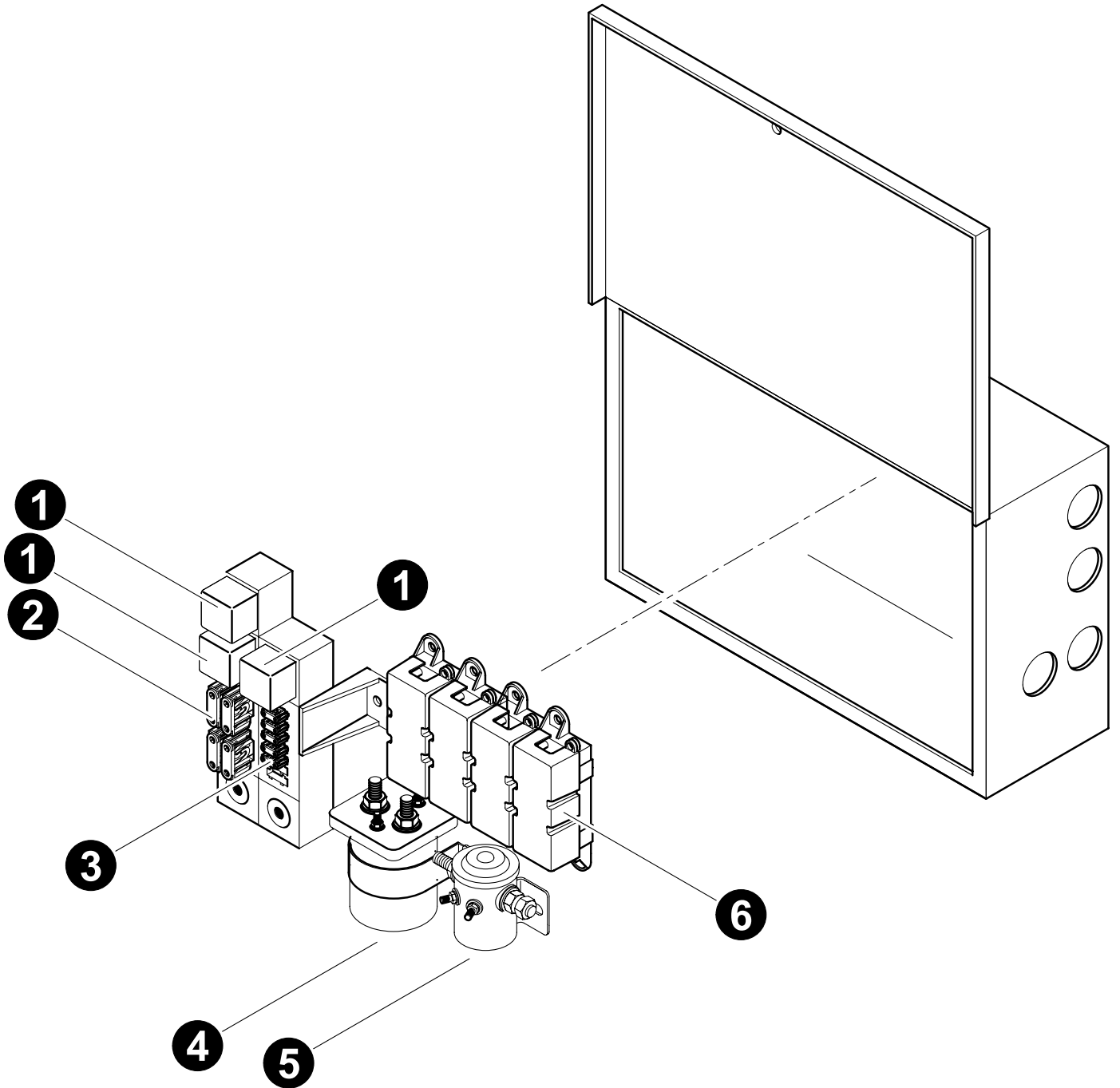


Parts T3608 06/08
18.75

GULLWING LIGHT HARNESSES

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ENGINE ELECTRICAL CENTER ASSEMBLY.....	ES-1
2	53125-ES	1	HARNESS, LIGHT - Electrical Center to Canopy	
3	53211-ES	3	HARNESS, LIGHT - Y Adapter	
4	53209-ES	1	HARNESS, LIGHT - Canopy Lights	
5	53210-ES	1	HARNESS, LIGHT - "Optional" Side Canopy Lights	
6	REF.	1	 LIGHTS	ES-1

 See referenced page for component or assembly breakdown.



Parts T3161 06/21/2005

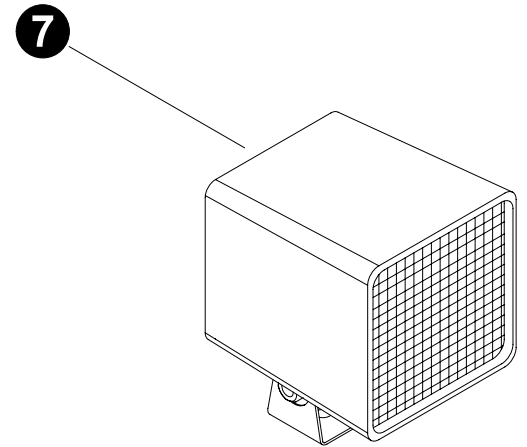
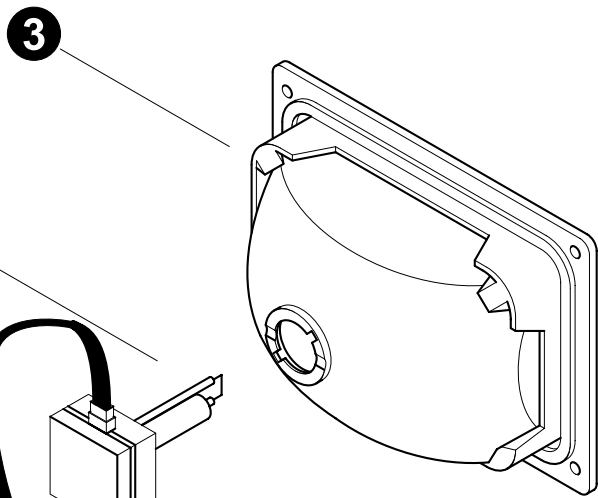
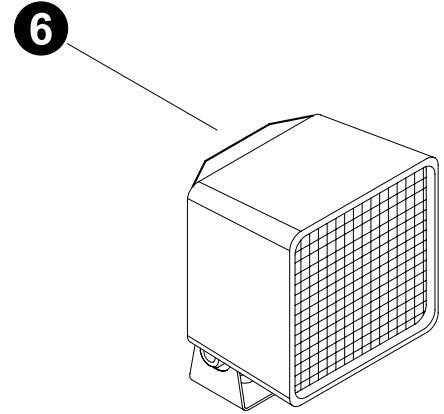
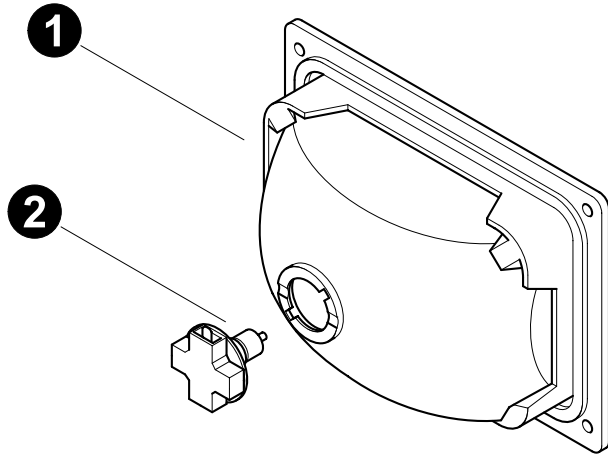
ENGINE ELECTRICAL SYSTEM

Engine Electrical Center Breakdown

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51765-ES	1	LOAD CENTER - ENGINE COMPARTMENT(830/630)	
1	51755-ES	3	RELAY, 70 AMP - LIGHTS / IGNITION / ACCESORY / Fill Pump	
2	21892-ES	1	FUSE, MAXI - 30 AMP (Engine)	
	21894-ES	1	FUSE, MAXI - 40 AMP (lights)	
	21893-ES	1	FUSE, MAXI - 50 AMP (starter)	
	53142-ES	1	FUSE, MAXI - 60 AMP (fill pump)	
3	24512-ES	4	FUSE, ATO - 10 AMP (lights)	
	51754-ES	1	FUSE, ATO - 10 AMP (Espar Pre Heater)	
4	25117-ES	1	RELAY, STARTER - 24 volt (WHITE/ROGERS)	
5	25199-ES	1	RELAY, GRID HEATER - 24 volt (COLE HERSEE)	
6	23619-ES	4	FUSE, 100 AMP - MEGA (cab power supply, gull wing lift pump, grid heater, alternator)	



See referenced page for component or assembly breakdown.



Parts T3162 06/21/2005

ENGINE ELECTRICAL SYSTEM

Lights

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	23604-ES	1	<input type="checkbox"/>	LIGHT, FLUSH MOUNT - 24V (ABL)	
2	24819-ES	1		BULB, FLUSH MOUNT LIGHT - 24V	
3	51324-ES	1	<input type="checkbox"/>	LIGHT, FLUSH MOUNT - 24V (XENON) ABL	
4	26858-ES	1		BULB, HID (all HID Lights)	
5	51396-ES	1		BALLAST, assembly 24 volt HID (ABL-21.577)	
6	53208-ES	1	<input type="checkbox"/>	LIGHT, FLOOD - NON-XENON (ABL)	
-	24819-ES	1		BULB	
7	52653-ES	1	<input type="checkbox"/>	LIGHT, XENON TRAP - ABL	
-	-ES	1		BULB - XENON	
-	-ES	1		BALLAST	



See referenced page for component or assembly breakdown.

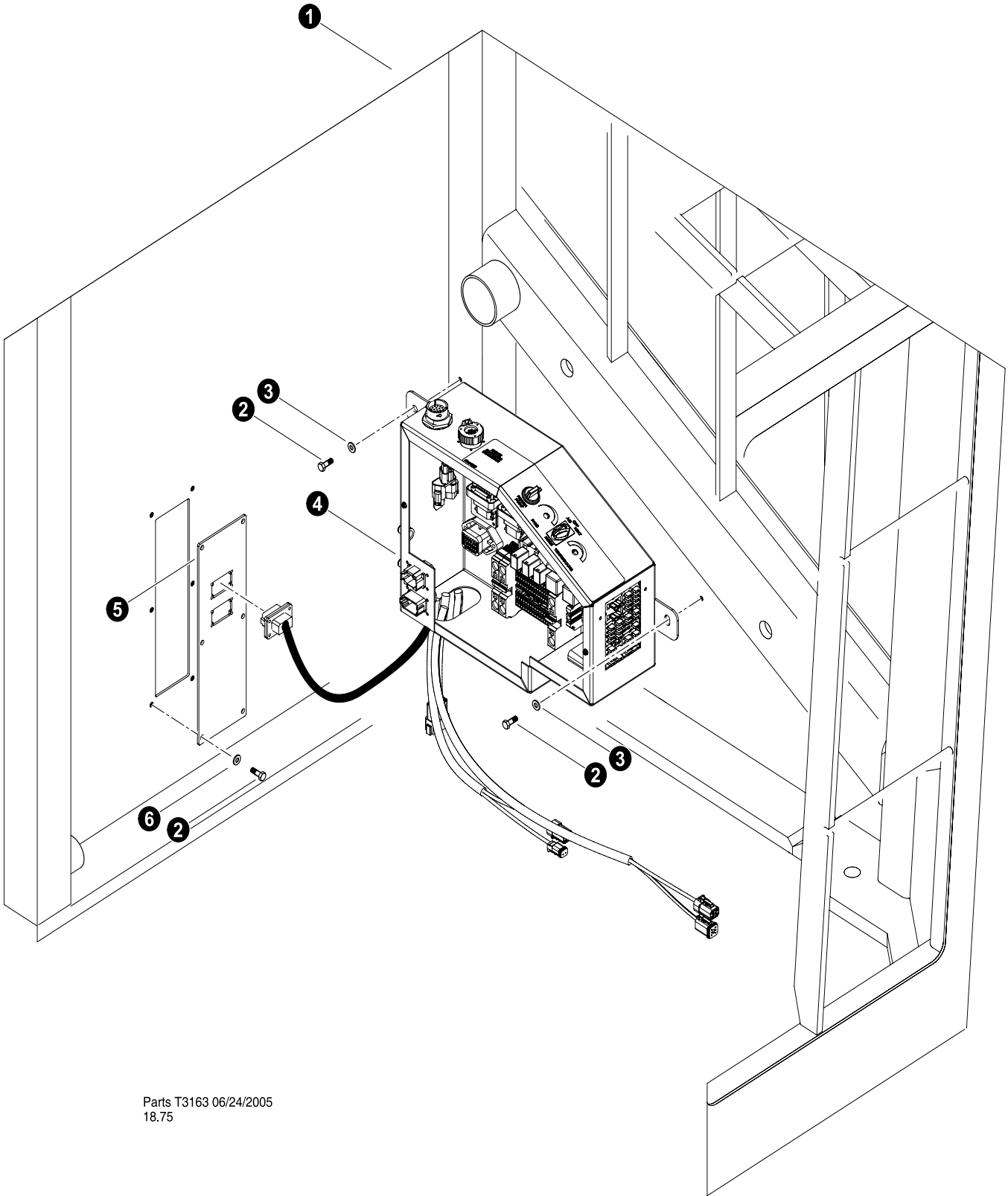


Assembly that includes all items indented below.

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Section ES-2



Electrical System - Operator's Cab

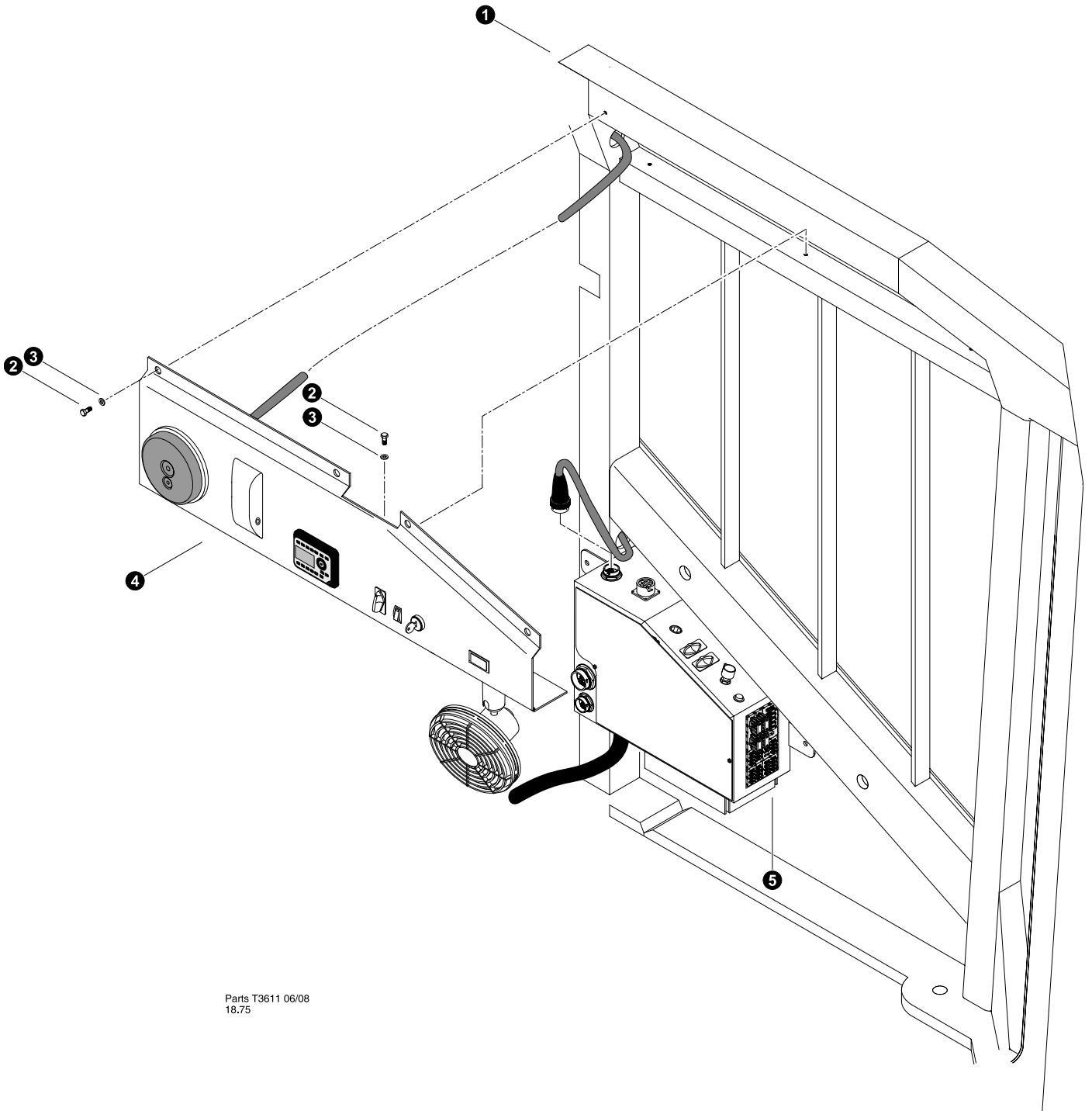


Parts T3163 06/24/2005
18.75

MAIN ELECTRICAL CENTER INSTALLATION




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 OPERATOR'S CAB ASSEMBLY	OC-1
2	15604-ES	8	BOLT - .25" X .75"	
3	10800-ES	8	WASHER, FLAT - .25"	
4	REF	1	 MAIN ELECTRICAL CENTER ASSEMBLY	ES-2
5	52755-ES	1	BULKHEAD PLATE, CAB REAR - MDL	
6	10757-ES	8	WASHER, SAE FLAT - .25"	



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

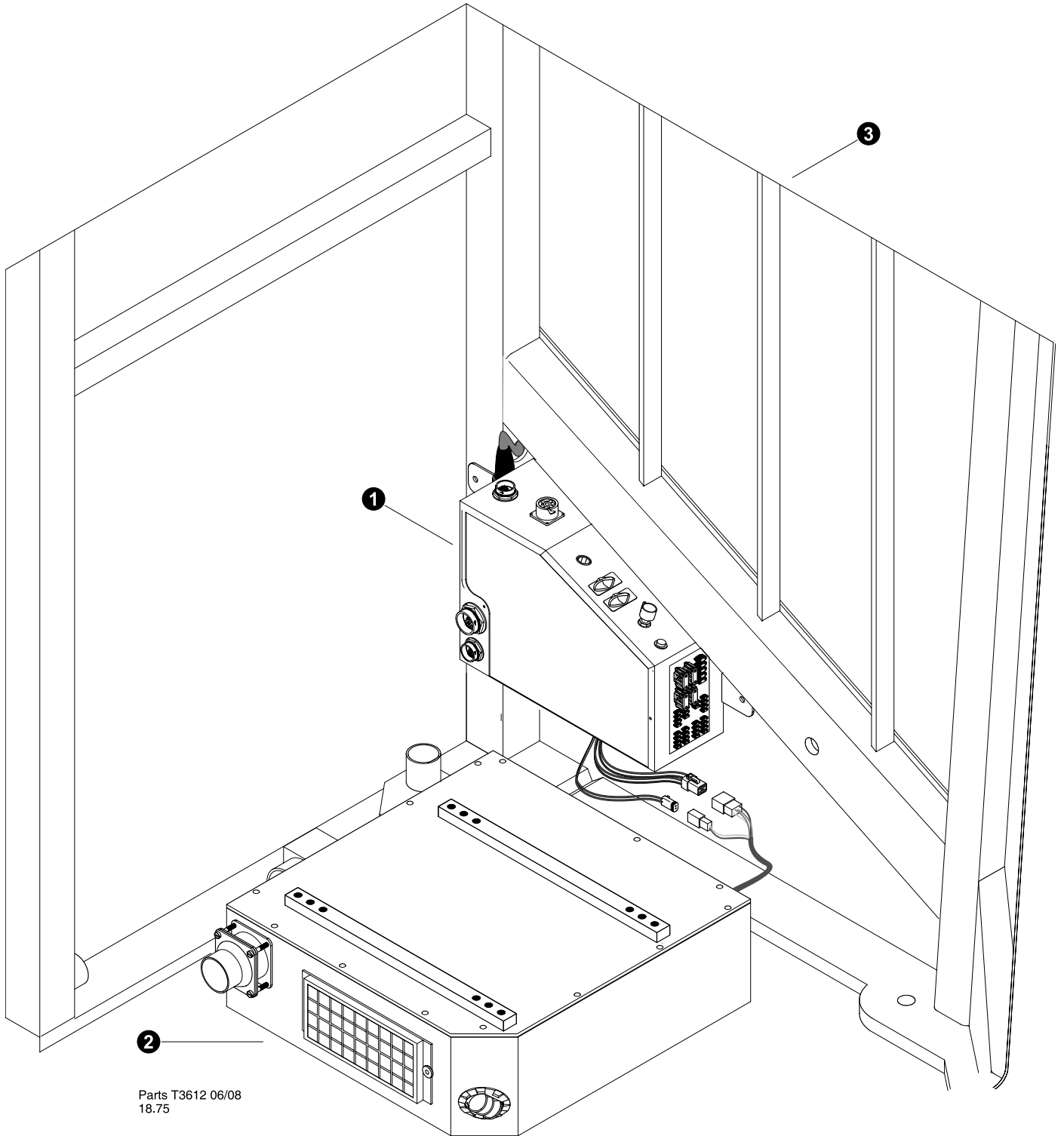


Parts T3611 06/08
18.75




UPPER DASH INSTALLATION



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 OPERATOR'S CAB ASSEMBLY	OC-1
2	15604-ES	7	BOLT - .25" X .75"	
3	10757-ES	7	WASHER, SAE FLAT - .25"	
4	REF	1	 UPPER DASH ASSEMBLY.....	ES-2
5	REF	1	 MAIN ELECTRICAL CENTER ASSEMBLY	ES-2

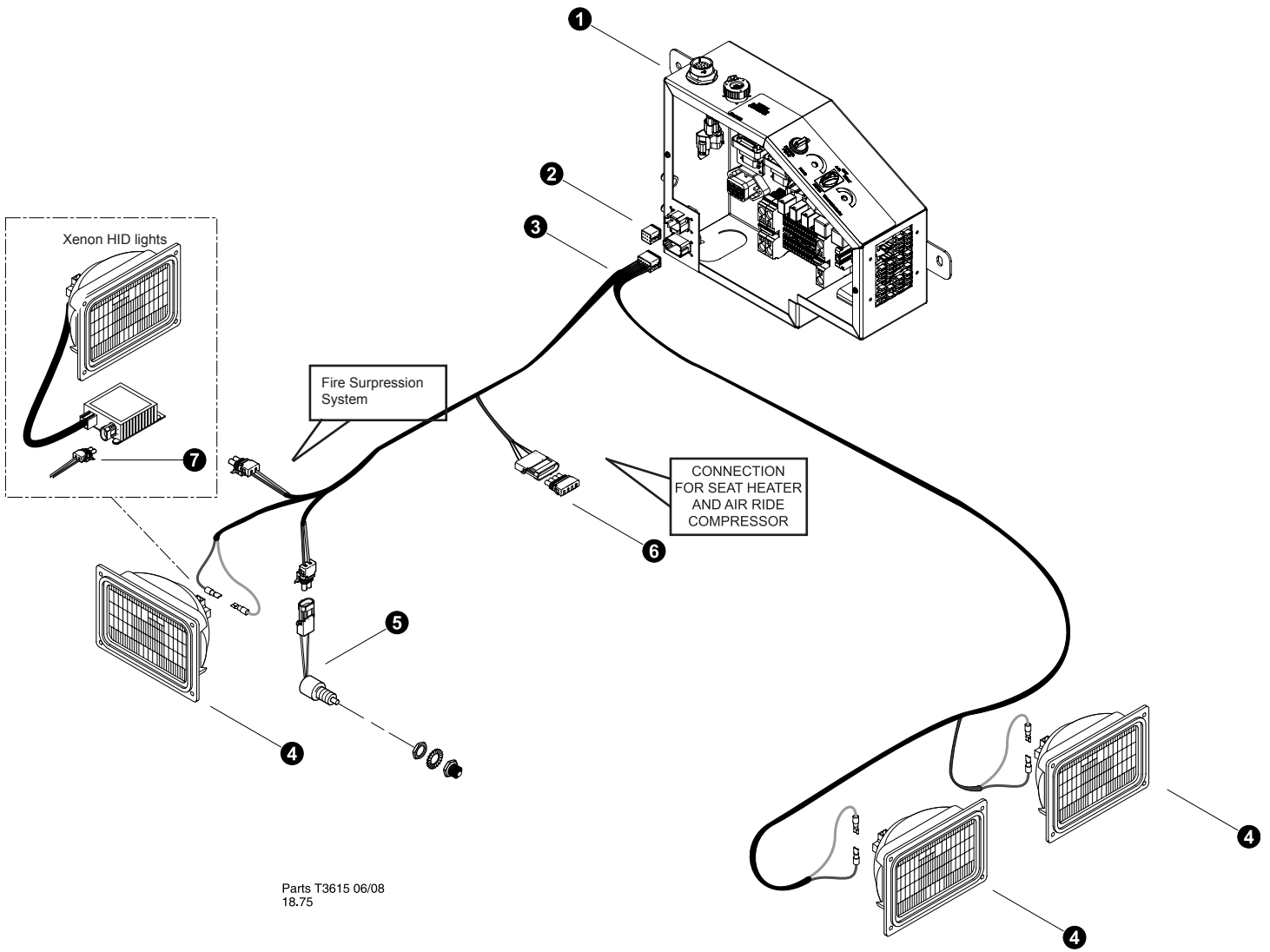
-  Kit or Assembly - includes all items indented underneath.
-  See referenced page for component or assembly breakdown.



A/C AND HEATER CONNECTIONS


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 MAIN ELECTRICAL CENTER ASSEMBLY	ES-2
2	REF	1	 HEATER A/C UNIT ASSEMBLY	OC-2
3	REF	1	 OPERATORS CAB	OC-1



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

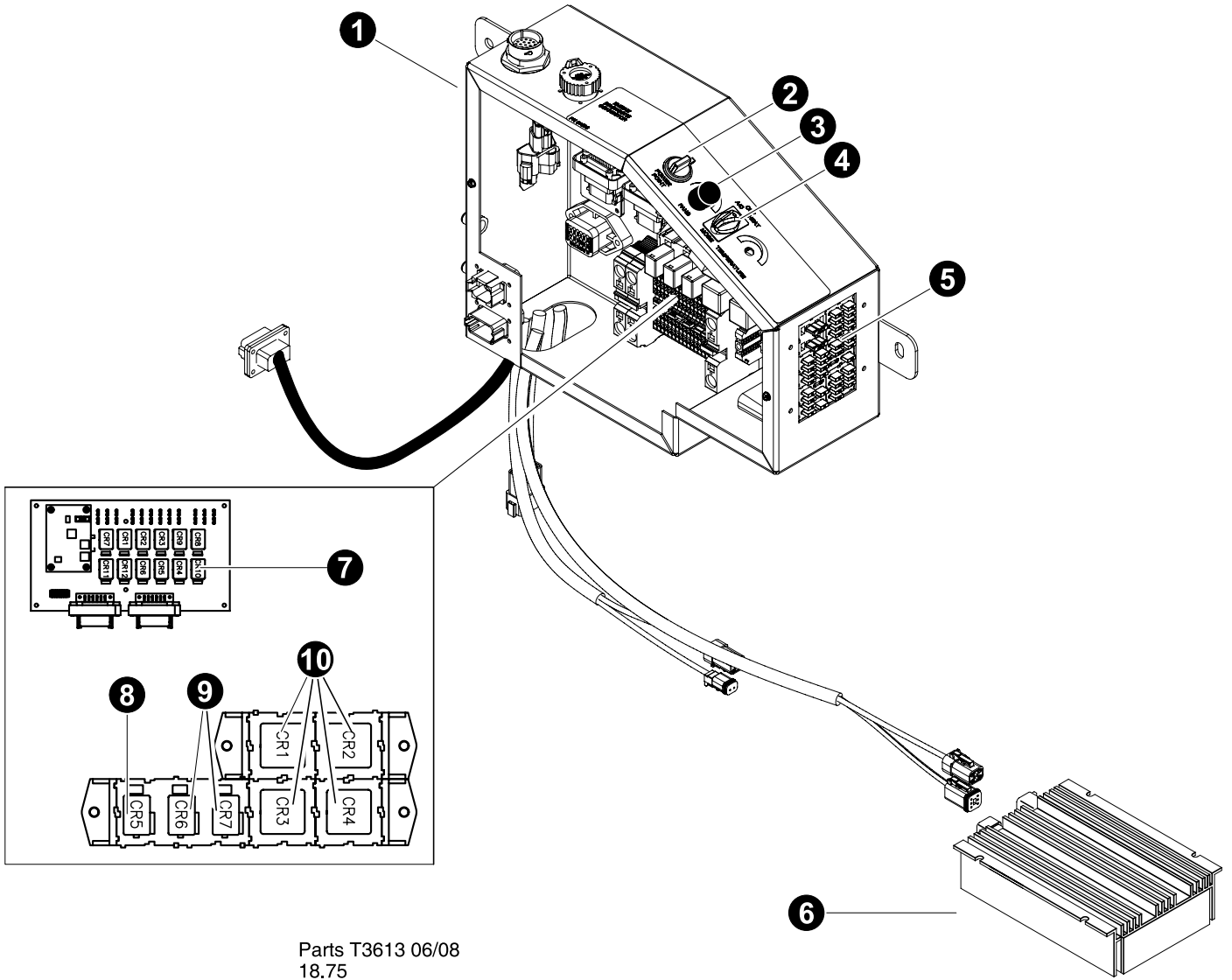


Parts T3615 06/08
18.75

OPERATOR'S CAB ELECTRICAL HARNESS (Lights and Radio)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1		MAIN ELECTRICAL CENTER ASSEMBLY	ES-2
2	53260-ES	1		CONNECTOR, DEUTCH DT06-08	
3	52933-ES	1		HARNESS, CAB - Lower MDL	
4	REF	3		LIGHT ASSEMBLIES	ES-2
5	25104-ES	1		SWITCH, FILL PUMP	
6	23132-ES	1		PLUG, MALE - 4 CONTACT (WEATHER PACK)	
-	23135-ES	4		TERMINAL, FEMALE (WEATHER PACK)	
-	22225-ES	4		SEAL, WIRE END (WEATHER PACK)	
7	53171-ES	1		CONNECTOR, SEALED - GT150 3F - FLUSH HID	

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

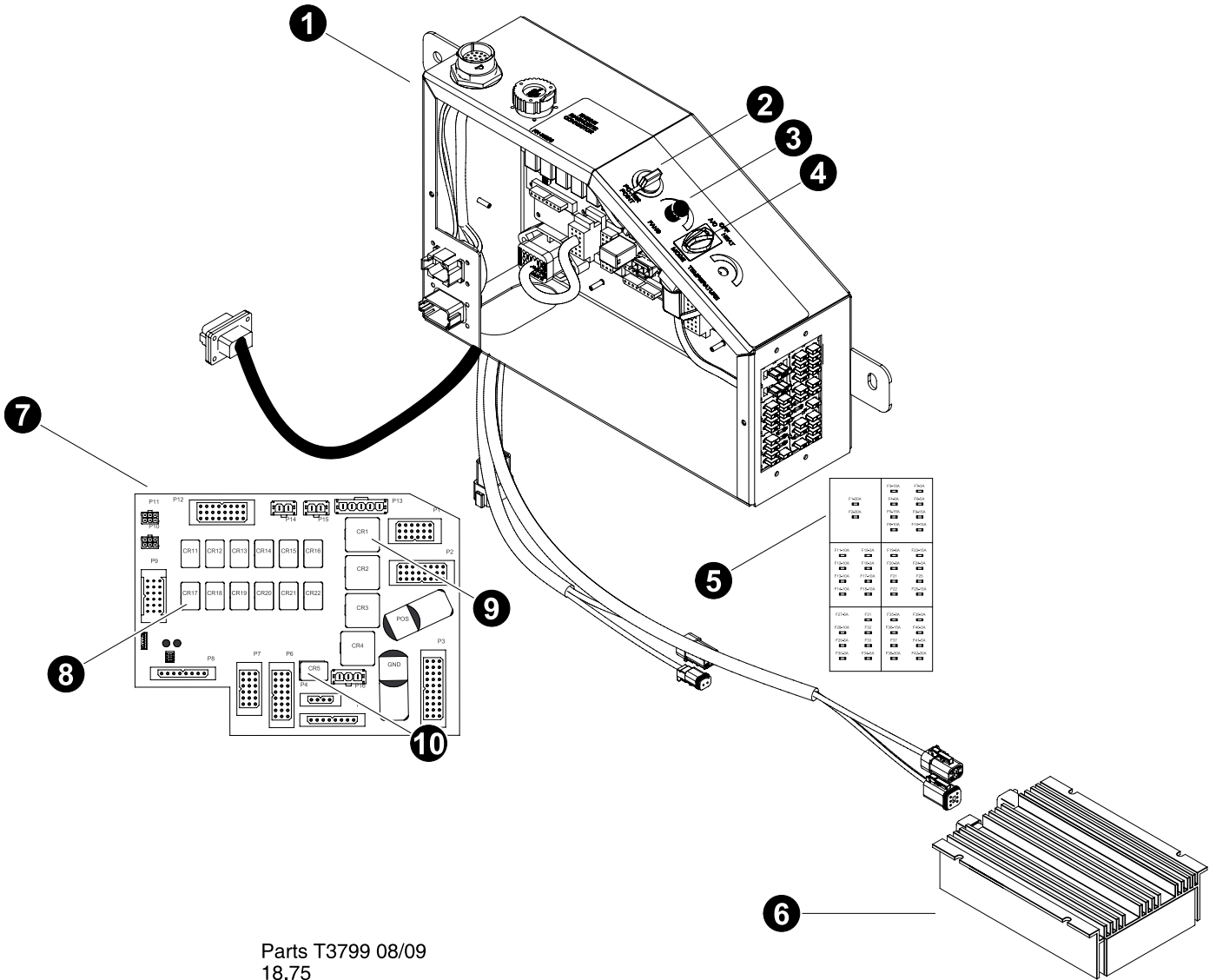


MAIN ELECTRICAL CENTER BREAKDOWN
 (830B-0316-081309 and before)
 (735B-0030-090309 and before)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52551-ES	1	☐	MAIN ELECTRICAL LOAD CENTER-MDL (830/630)	
2	-ES	1		Power Supply Connector	
3	-ES	1		FAN CONTROL (BT1-0147)	
4	51671-ES	1		SWITCH, AC/HEAT MODE - OTTO	
5	21892-ES	1		FUSE, maxi - 30 amp (<i>Green</i>)	
	21894-ES	1		FUSE, maxi - 40 amp (<i>Orange</i>)	
	24321-ES	5		FUSE, MINI - 3 AMP (<i>Purple</i>)	
	21890-ES	5		FUSE, mini - 5 amp (<i>Light brown</i>)	
	21888-ES	2		FUSE, mini - 7.5 amp (<i>Dark Brown</i>)	
	22658-ES	12		FUSE, mini - 10 amp (<i>Red</i>)	
	21887-ES	7		FUSE, mini - 15 amp (<i>Blue</i>)	
	53607-ES	1		FUSE, MINI - 30 AMP	
6	23324-ES	1		CONVERTER, 24V TO 12V - CURRENT 25AMP	
7	-ES	12		RELAY, AZ988-1C-24DE-C1 / American Zettler	
8	-ES	1		RELAY, AZ988-1A-12DS-C1 / American Zettler	
9	-ES	2		RELAY, AZ988-1C-24DE-C1 / American Zettler	
10	-ES	4		RELAY, 897-1AH-C-001 / Song Chuan	
-	51753-ES	1		KIT, ELECTRICAL- FUSE/RELAY- 830/630 24V	

☐ Kit or Assembly - includes all items indented underneath.

📖 See referenced page for component or assembly breakdown.



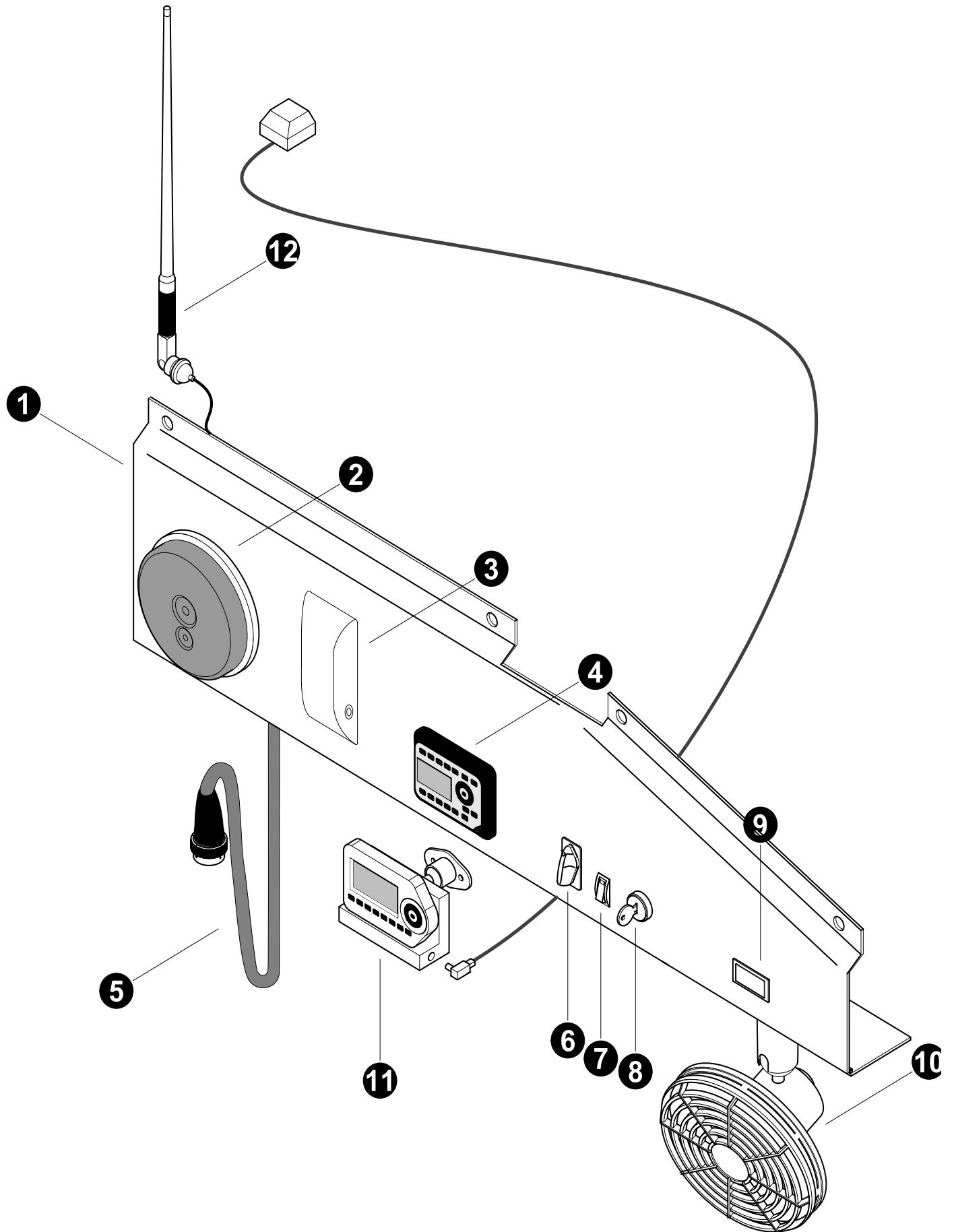
Parts T3799 08/09
18.75

MAIN ELECTRICAL CENTER BREAKDOWN
 (830B-0317-082509 and after)
 (735B-0031-and after)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52551-ES	1	☐ MAIN ELECTRICAL LOAD CENTER-MDL (830/630)	
2	-ES	1	Power Supply Connector	
3	-ES	1	FAN SPEED CONTROL (BT1-0147)	
4	51671-ES	1	SWITCH, AC/HEAT MODE - OTTO	
5	21892-ES	2	FUSE, maxi - 30 amp (<i>Green</i>)	
	24321-ES	10	FUSE, mini - 3 amp (<i>Purple</i>)	
	21890-ES	6	FUSE, mini - 5 amp (<i>Light brown</i>)	
	22658-ES	8	FUSE, mini - 10 amp (<i>Red</i>)	
	21887-ES	6	FUSE, mini - 15 amp (<i>Blue</i>)	
	53607-ES	2	FUSE, mini - 30 amp (<i>Green</i>)	
6	23324-ES	1	CONVERTER, 24V TO 12V - CURRENT 25AMP	
7	-ES	1	CIRCUIT BOARD, Load Center	
8	53645-ES	12	RELAY, AZ988-1CT-24DE-C1 (SPDT 30A 24VDC)	
9	24323-ES	3	RELAY, 896H-1CH-D-24VDC (SPDT 30/50A 24VDC)	
10	53645-ES	1	RELAY, AZ988-1CT-24DE-C1 (SPDT 30A 24VDC)	
-	51753-ES	1	KIT, ELECTRICAL- FUSE/RELAY- 830/630 24V	

☐ Kit or Assembly - includes all items indented underneath.

📖 See referenced page for component or assembly breakdown.

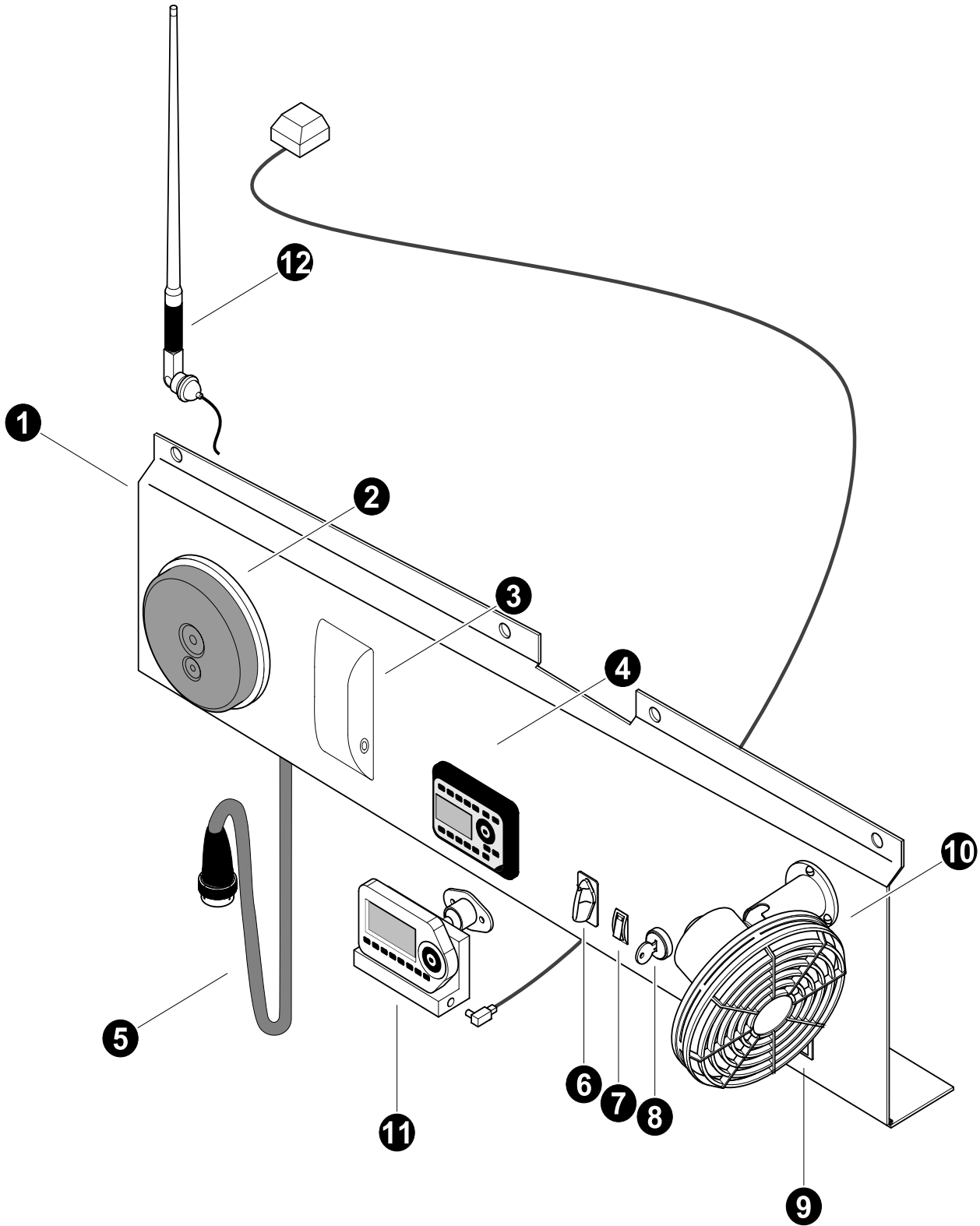


UPPER DASH BREAKDOWN
 (830B-0302-041609 and before)
 (725B-0024-040709 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52654-ES	1	DASH, ASSEMBLY - UPPER LH (MDL CONTROL)	
-	52530-ES	1	PANEL, DASH L.H. MDL SYSTEM	
-	53009-ES	1	DECAL, CAB Upper Left Dash MDL (ALL)	
2	24710-ES	1	SPEAKER	
3	23614-ES	1	LIGHT, DOME - 24V	
4	52640-ES	1	RADIO, HEAVY DUTY - AM/FM/WB (ASA)	
5	52931-ES	1	HARNES, DASH - UPPER (MDL STYLE)	
6	51673-ES	1	SWITCH, VENT/ VACUUM	
7	51664-ES	1	SWITCH, LIGHT	
8	52414-ES	1	 SWITCH, IGNITION	
-	52417-ES	2	KEY, IGNITION	
9	15025-ES	1	GAUGE, HOURMETER	
10	23279-ES	1	 FAN, WINDSHIELD DEFROST - 24V	
11	52680-ES	1	RADIO KIT, XM - ASA	
12	24583-ES	1	ANTENNA, radio 1" hole	



 Kit or Assembly - includes all items indented underneath.



 See referenced page for component or assembly breakdown.

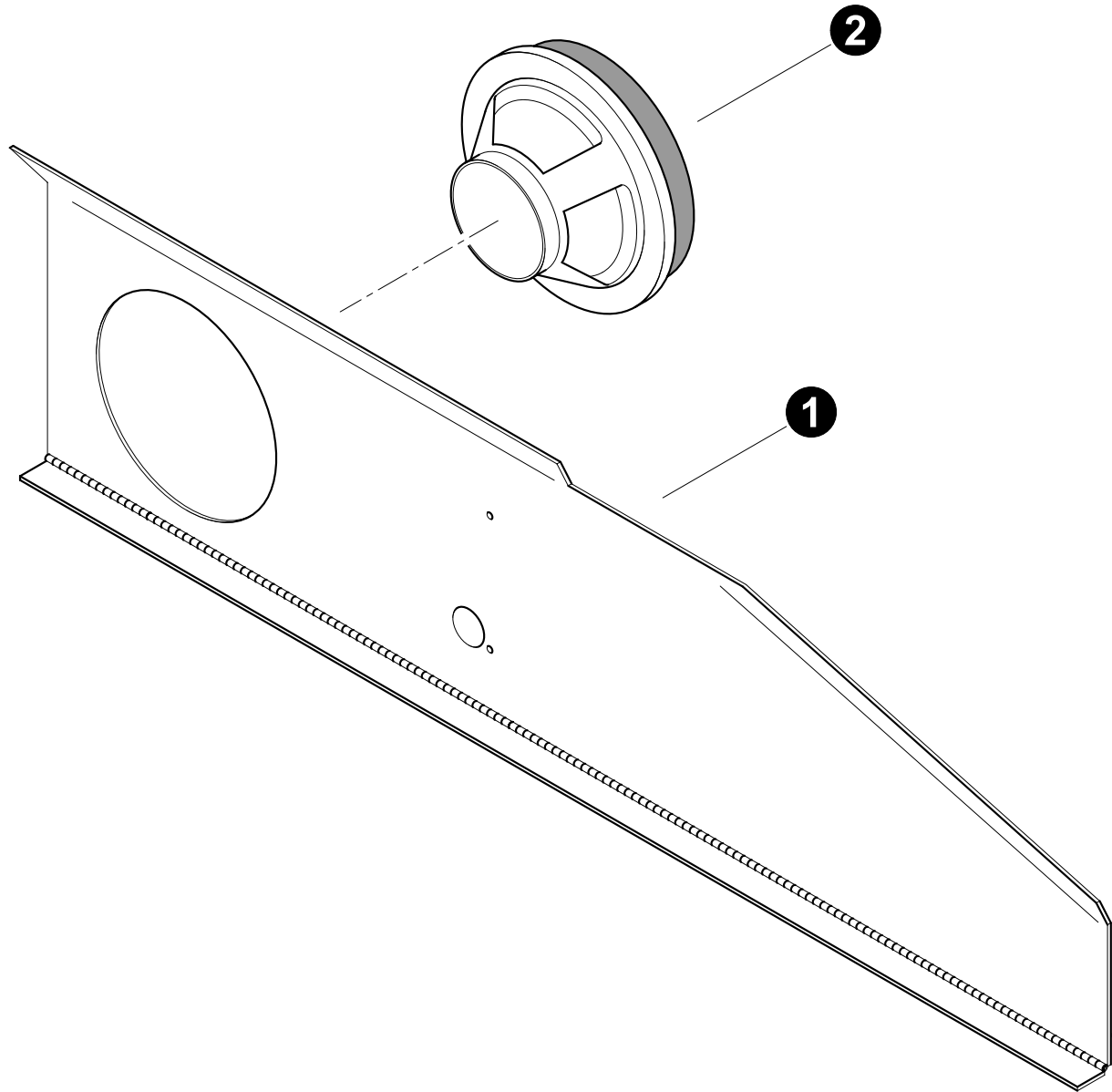


Parts T3801 08/09
18.75

UPPER DASH BREAKDOWN
 (830B-0303-041609 and after)
 (725B-0025-041309 and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53840-ES	1	DASH ASSEMBLY UPPER LH 830 MDL FLAT TOP	
-	REF	1	DECAL, Dash	UP-4
2	24710-ES	1	SPEAKER	
3	23614-ES	1	LIGHT, DOME - 24V	
4	52640-ES	1	RADIO, HEAVY DUTY - AM/FM/WB (ASA)	
5	52931-ES	1	HARNESS, DASH - UPPER (MDL STYLE)	
6	51673-ES	1	SWITCH, VENT/ VACUUM	
7	51664-ES	1	SWITCH, LIGHT	
8	52414-ES	1	 SWITCH, IGNITION	
-	52417-ES	2	KEY, IGNITION	
9	15025-ES	1	GAUGE, HOURMETER	
10	23279-ES	1	 FAN, WINDSHIELD DEFROST - 24V	
11	52680-ES	1	RADIO KIT, XM - ASA	
12	24583-ES	1	ANTENNA, radio 1" hole	

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

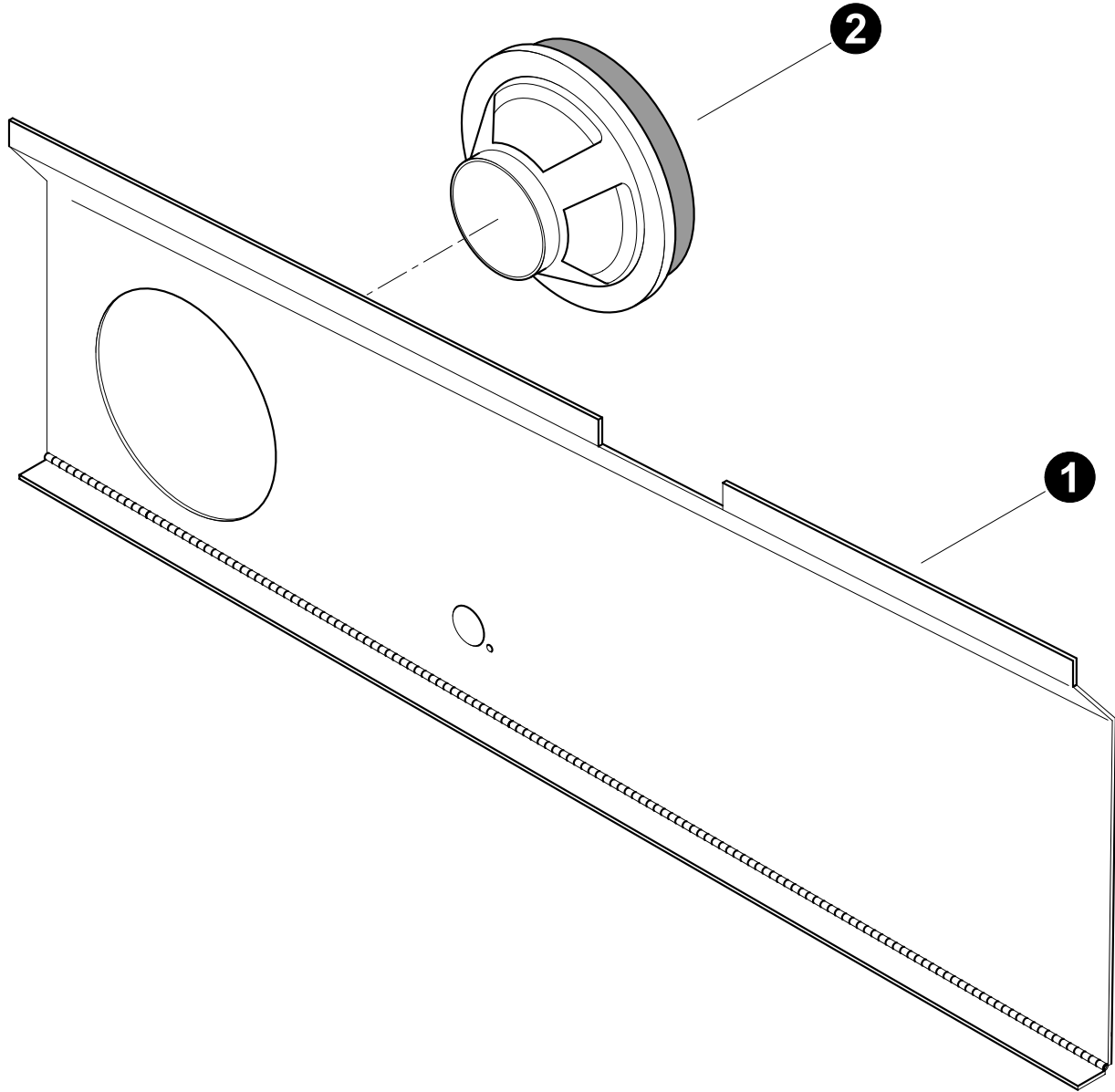


Parts T3614 06/08
18.75

UPPER DASH BREAKDOWN
 (830B-0302-041609 and before)
 (725B-0024-040709 and before)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53022-ES	1	<input type="checkbox"/>	DASH ASSEMBLY - UPPER RH (830)	
-	51686-ES	1		PANEL, DASH R.H.	
-	52717-ES	1		DECAL, CAB Upper Right Dash 830 MDL	
2	24710-ES	1		SPEAKER	



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

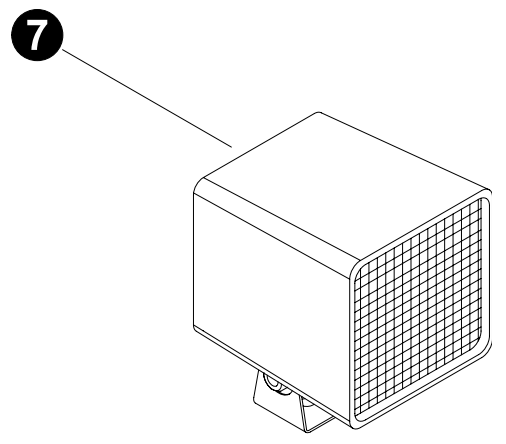
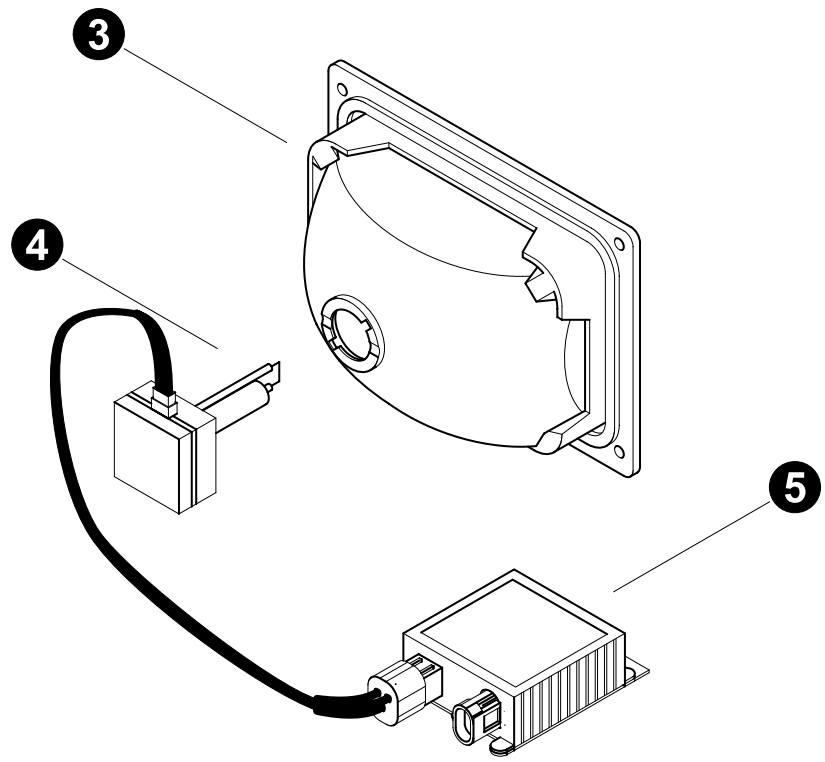
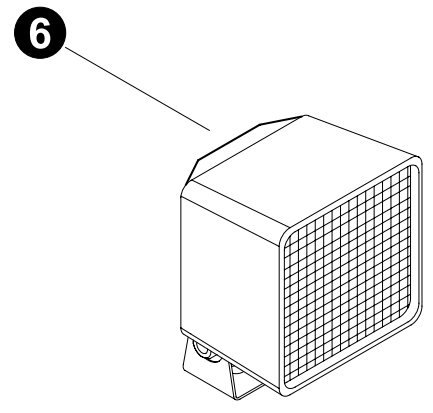
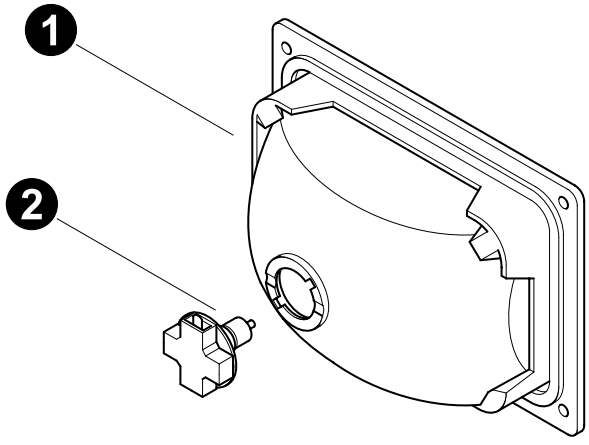


Parts T3614 06/08
18.75

UPPER DASH BREAKDOWN
 (830B-0303-041609 and after)
 (725B-0025-041309 and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53806-ES	1	DASH ASSEMBLY - RH 830 MDL-FLAT TOP CAB	
-	REF	1	DECAL, Dash	UP-4
2	24710-ES	1	SPEAKER	

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



Parts T3162 06/21/2005

CAB LIGHTS BREAKDOWN

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	23604-ES	1	<input type="checkbox"/>	LIGHT, FLUSH MOUNT - 24V (ABL)	
2	24819-ES	1		BULB, FLUSH MOUNT LIGHT - 24V	
3	51324-ES	1	<input type="checkbox"/>	LIGHT, FLUSH MOUNT - 24V (XENON) ABL	
4	26858-ES	1		BULB, HID (all HID Lights)	
5	51396-ES	1		BALLAST, assembly 24 volt HID (ABL-21.577)	
6	53208-ES	1	<input type="checkbox"/>	LIGHT, FLOOD - NON-XENON (ABL)	
-	24819-ES	1		BULB	
7	52653-ES	1	<input type="checkbox"/>	LIGHT, XENON TRAP - ABL	
-	-ES	1		BULB - XENON	
-	-ES	1		BALLAST	



See referenced page for component or assembly breakdown.

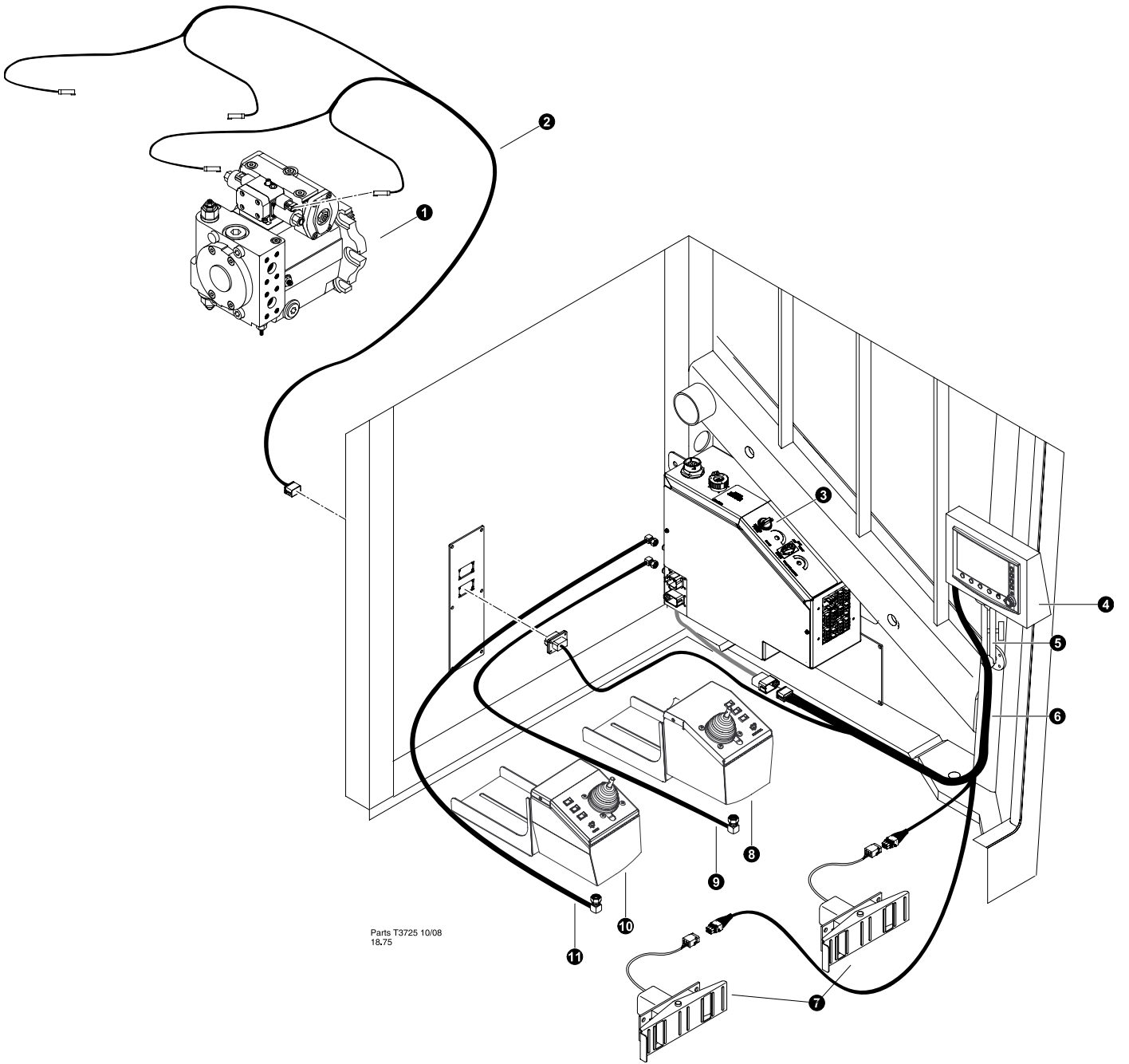


Assembly that includes all items indented below.

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Section ES-3

Electrical System - IQAN Control System

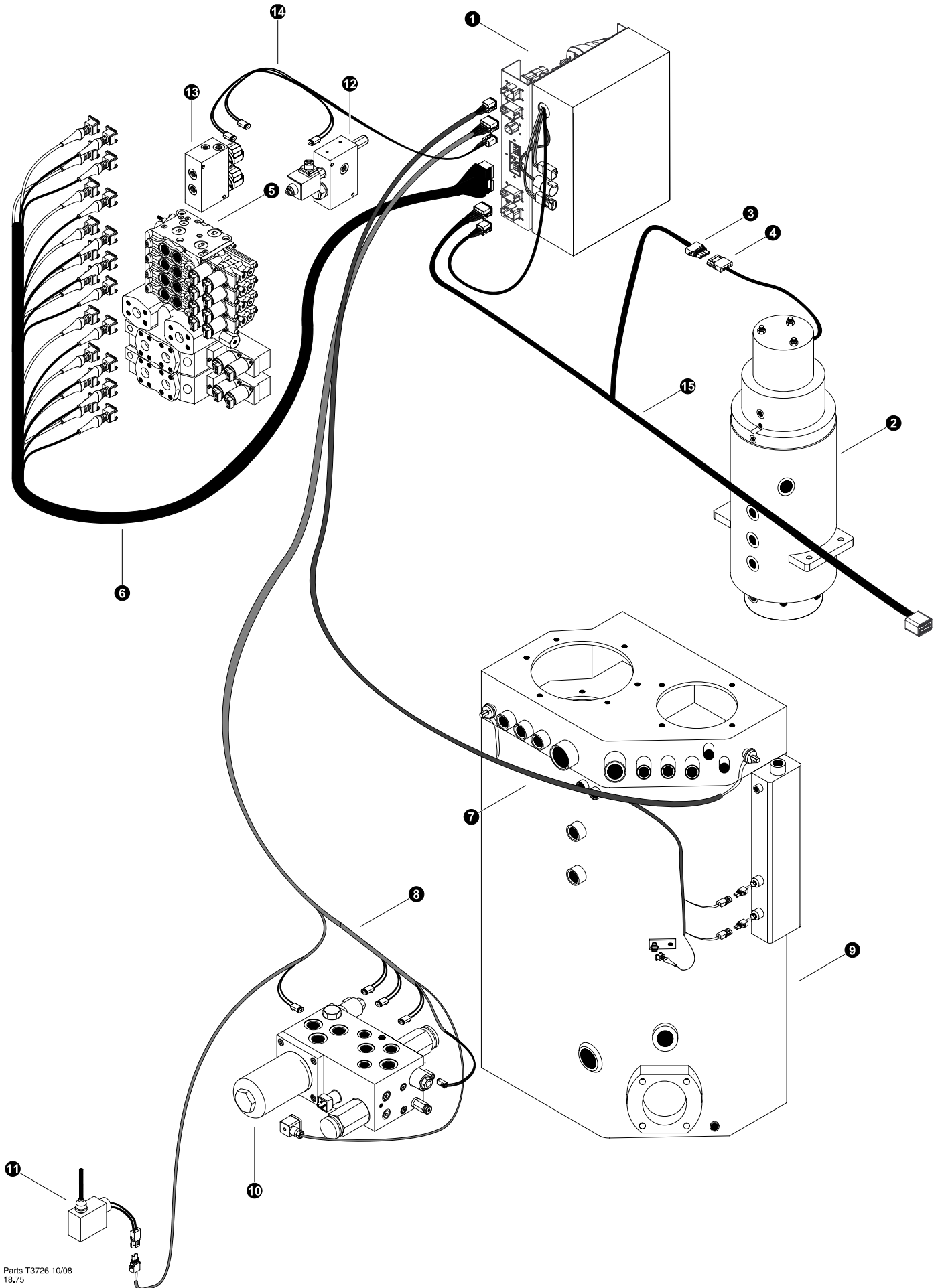


Parts T3725 10/08
18.75

IQAN - CAB CONTROL HARNESS







REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 WHEEL DRIVE PUMP	WD-1
2	52948-ES	1	HARNESS, Hydro Pumps (MDL)	
3	REF.	1	 CAB ELECTRICAL CENTER	ES-2
4	REF.	1	 MDL PANEL ASSEMBLY	ES-3
5	53092-ES	1	MOUNT, RAM - MDL SCREEN	
6	53024-ES	1	HARNESS, MDL Harness - Track MDL	
7	REF.	1	 DRIVE PEDAL CONTROL	ES-3
8	REF.	1	 LEFT JOYSTICK CONTROL POD	ES-3
9	53619-ES	1	CABLE, Joystick pod - 1 meter (M06288-001)	
10	REF.	1	 RIGHT JOYSTICK CONTROL POD	ES-3
11	53620-ES	1	CABLE, Joystick pod - 2 meter (M06288-002)	

 See referenced page for component or assembly breakdown.

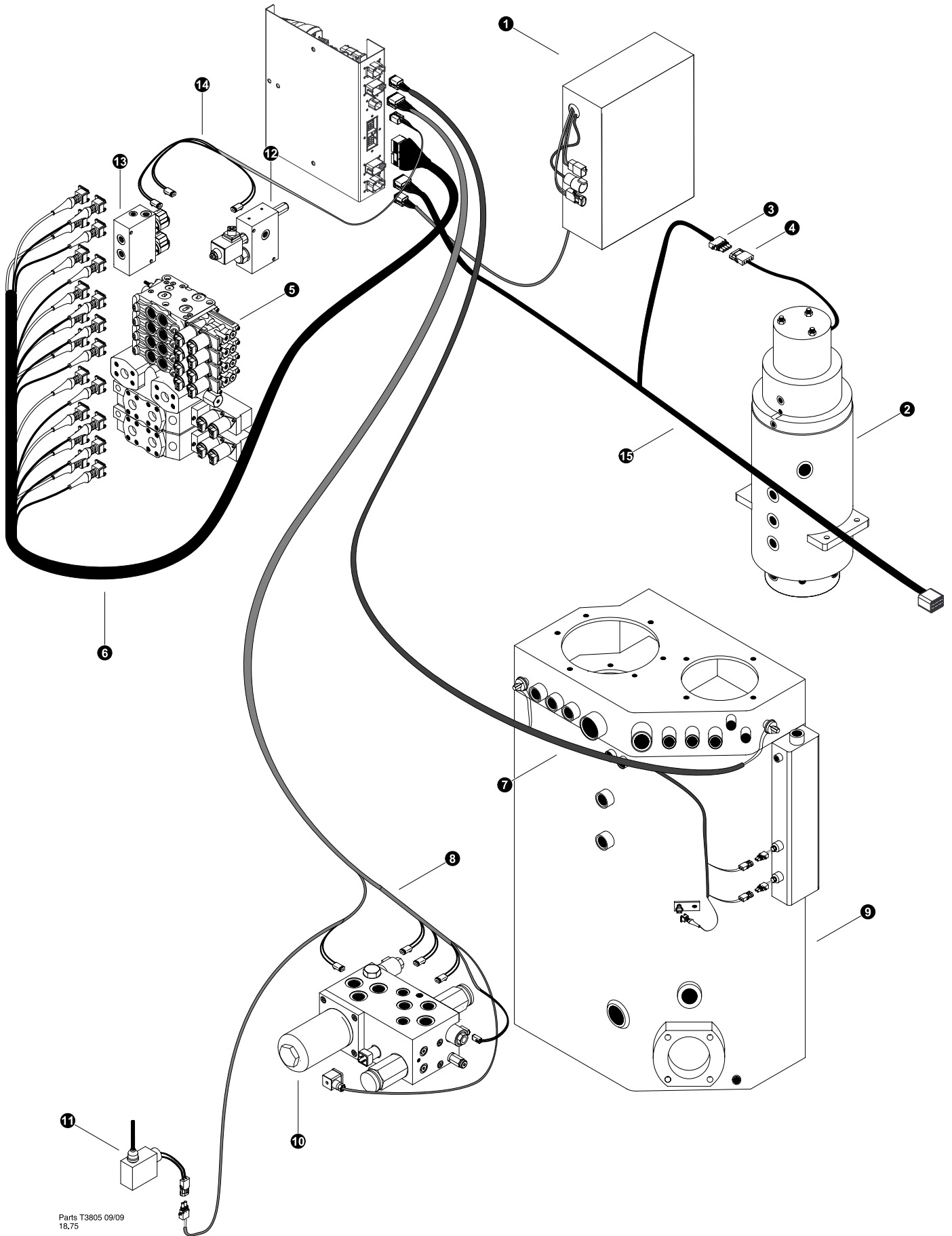


Parts T3726 10/08
18.75

IQAN - ENGINE COMPARTMENT HARNESS
(Machine TL725B-0025-041309 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	XA2 PANEL ASSEMBLY.....	ES-3
2	REF	1	ROTORY MANIFOLD.....	UP-1
3	23131-ES	1	PLUG, FEMALE - 4 CONTACT (WEATHER PACK)	
-	25212-CB	4	TERMINAL, FEMALE 14-16 GA (METRI PACK)	
-	22225-CB	4	SEAL, terminal	
4	23132-ES	1	PLUG, MALE - 4 CONTACT (WEATHER PACK)	
-	22226-CB	4	TERMINAL, male	
-	22225-CB	4	SEAL, terminal	
4	REF	1	 SWING MOTOR ASSEMBLY.....	LH//HH
5	REF.	1	 MAIN CONTROL VALVE.....	LH/HH
6	52953-ES	1	HARNESS, control valve - 830/630 MDL	
7	52954-ES	1	HARNESS, Hyd Tank - 830/630 MDL	
8	52955-ES	1	HARNESS, Charge/Fan Valve - 830/630 MDL	
9	REF	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
10	REF.	1	 WHEEL DRIVE CHARGE VALVE ASSEMBLY.....	WD
11	51933-ES	1	SWITCH, LIMIT-GULLWING DOOR SAFETY	
12	REF.	1	 DISC SAW STOP VALVE ASSEMBLY.....	HH
13	REF.	1	 PARKING BRAKE/MOTOR SHIFT VALVE ASSEMBLY.....	WD
14	53205-ES	1	HARNESS, Tr MS PB Disc Cable	
15	53023-ES	1	HARNESS, Cab to XA2 Panel - TRACK MDL	







 See referenced page for component or assembly breakdown.



Parts T3805 09/09
18,75

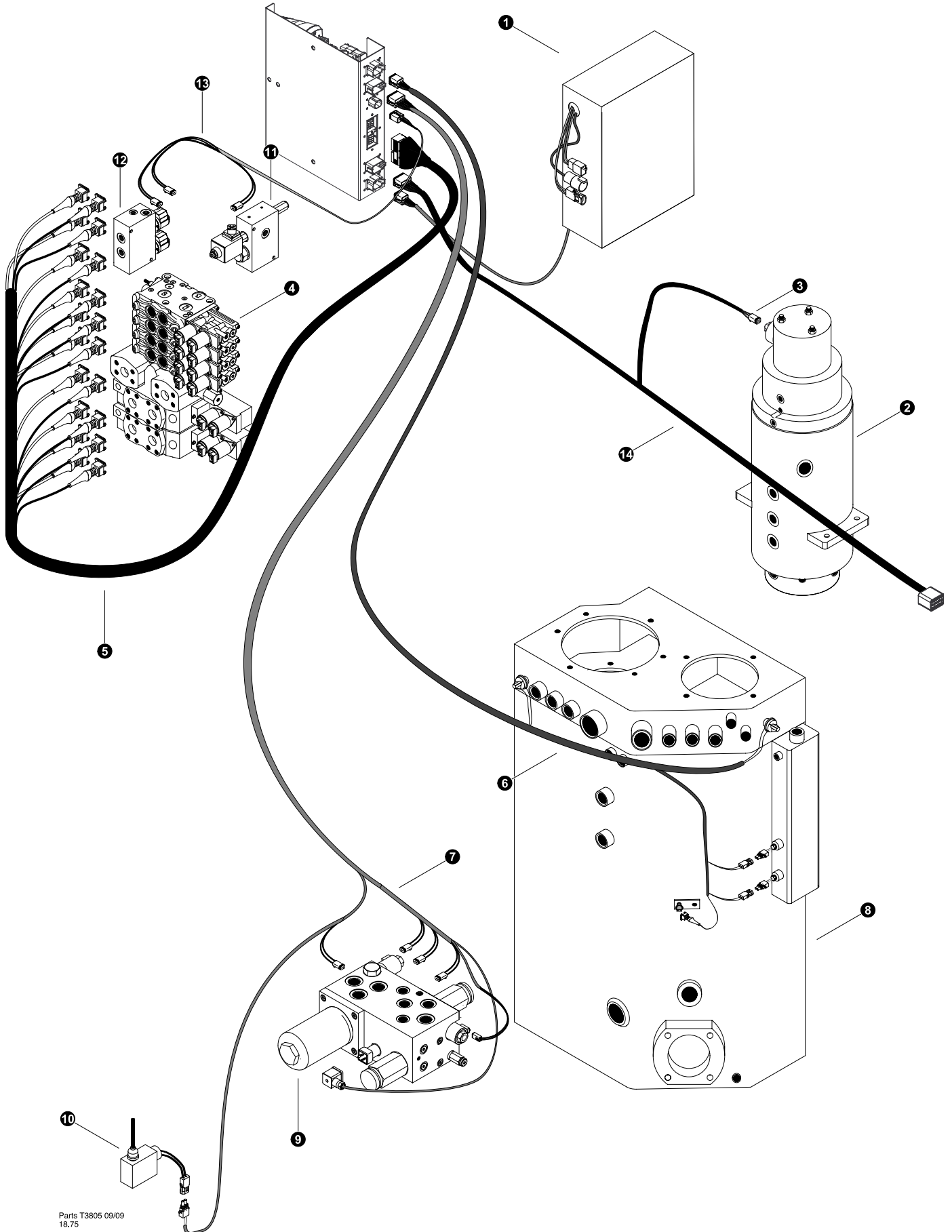
IQAN - ENGINE COMPARTMENT HARNESS

(Machine TL725B-0026-051909 to TL735B-0044-022510)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	XA2 PANEL ASSEMBLY.....	ES-3
2	REF	1	ROTARY MANIFOLD.....	UP-1
3	23131-ES	1	PLUG, FEMALE - 4 CONTACT (WEATHER PACK)	
-	25212-CB	4	TERMINAL, FEMALE 14-16 GA (METRI PACK)	
-	22225-CB	4	SEAL, terminal	
4	23132-ES	1	PLUG, MALE - 4 CONTACT (WEATHER PACK)	
-	22226-CB	4	TERMINAL, male	
-	22225-CB	4	SEAL, terminal	
4	REF	1	 SWING MOTOR ASSEMBLY.....	LH//HH
5	REF.	1	 MAIN CONTROL VALVE.....	LH/HH
6	52953-ES	1	HARNESS, control valve - 830/630 MDL	
7	52954-ES	1	HARNESS, Hyd Tank - 830/630 MDL	
8	52955-ES	1	HARNESS, Charge/Fan Valve - 830/630 MDL	
9	REF	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
10	REF.	1	 WHEEL DRIVE CHARGE VALVE ASSEMBLY.....	WD
11	51933-ES	1	SWITCH, LIMIT-GULLWING DOOR SAFETY	
12	REF.	1	 DISC SAW STOP VALVE ASSEMBLY.....	HH
13	REF.	1	 PARKING BRAKE/MOTOR SHIFT VALVE ASSEMBLY.....	WD
14	53205-ES	1	HARNESS, Tr MS PB Disc Cable	
15	53023-Rev0-ES	1	HARNESS, Cab to XA2 Panel - TRACK MDL (Waytek Connector)	








See referenced page for component or assembly breakdown.

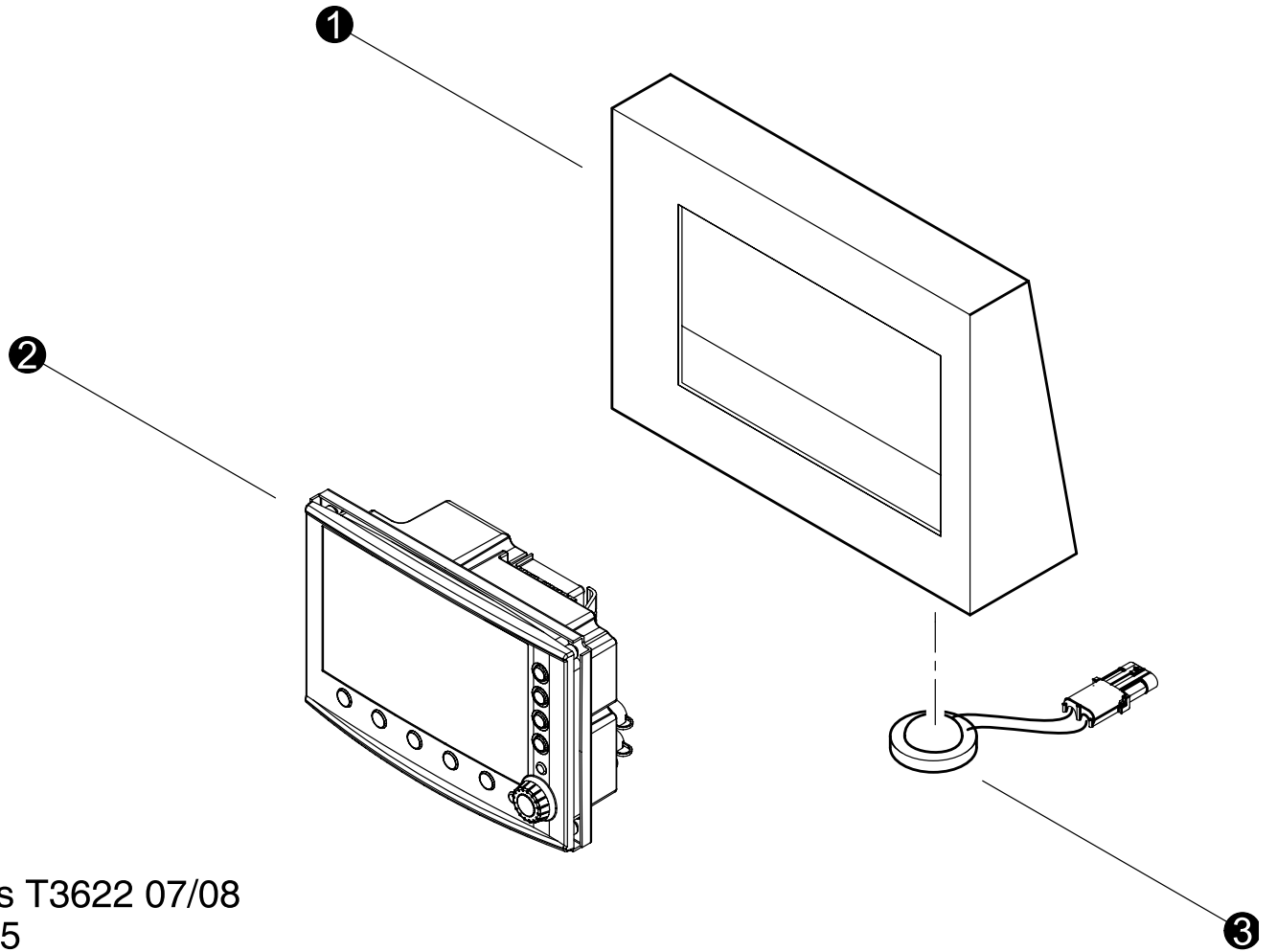


Parts T3805 09/09
18,75

IQAN - ENGINE COMPARTMENT HARNESS
(Machine TN725B-0045-031510 and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	XA2 PANEL ASSEMBLY.....	ES-3
2	REF	1	ROTARY MANIFOLD.....	UP-1
3	AD13070-2	1	PLUG, FEMALE - 4 CONTACT (Deutch)	
-	AD13005	4	TERMINAL, FEMALE 14-16 GA (Deutch)	
-	AD13071-1	1	WEDGE LOCK - 4 contact	
4	REF.	1	 MAIN CONTROL VALVE	LH/HH
5	52953-ES	1	HARNESS, control valve - 830/630 MDL	
6	52954-ES	1	HARNESS, Hyd Tank - 830/630 MDL	
7	52955-ES	1	HARNESS, Charge/Fan Valve - 830/630 MDL	
8	REF	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
9	REF.	1	 WHEEL DRIVE CHARGE VALVE ASSEMBLY.....	WD
10	51933-ES	1	SWITCH, LIMIT-GULLWING DOOR SAFETY	
11	REF.	1	 DISC SAW STOP VALVE ASSEMBLY	HH
12	REF.	1	 PARKING BRAKE/MOTOR SHIFT VALVE ASSEMBLY.....	WD
13	53205-ES	1	HARNESS, Tr MS PB Disc Cable	
14	53023-rev1-ES	1	HARNESS, Cab to XA2 Panel - TRACK MDL (Deutch Connector)	

 See referenced page for component or assembly breakdown.



Parts T3622 07/08
18.75

IQAN - MDL panel

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53002-ES	1	ENCLOSURE, MDL	
-	53112-ES	1	Software, Dealer MDL (IQAN Active Studio)	
2	52783-ES	1	MODULE, MDL SCREEN	
3	53025-ES	1	SIREN, WARNING MDL Panel	



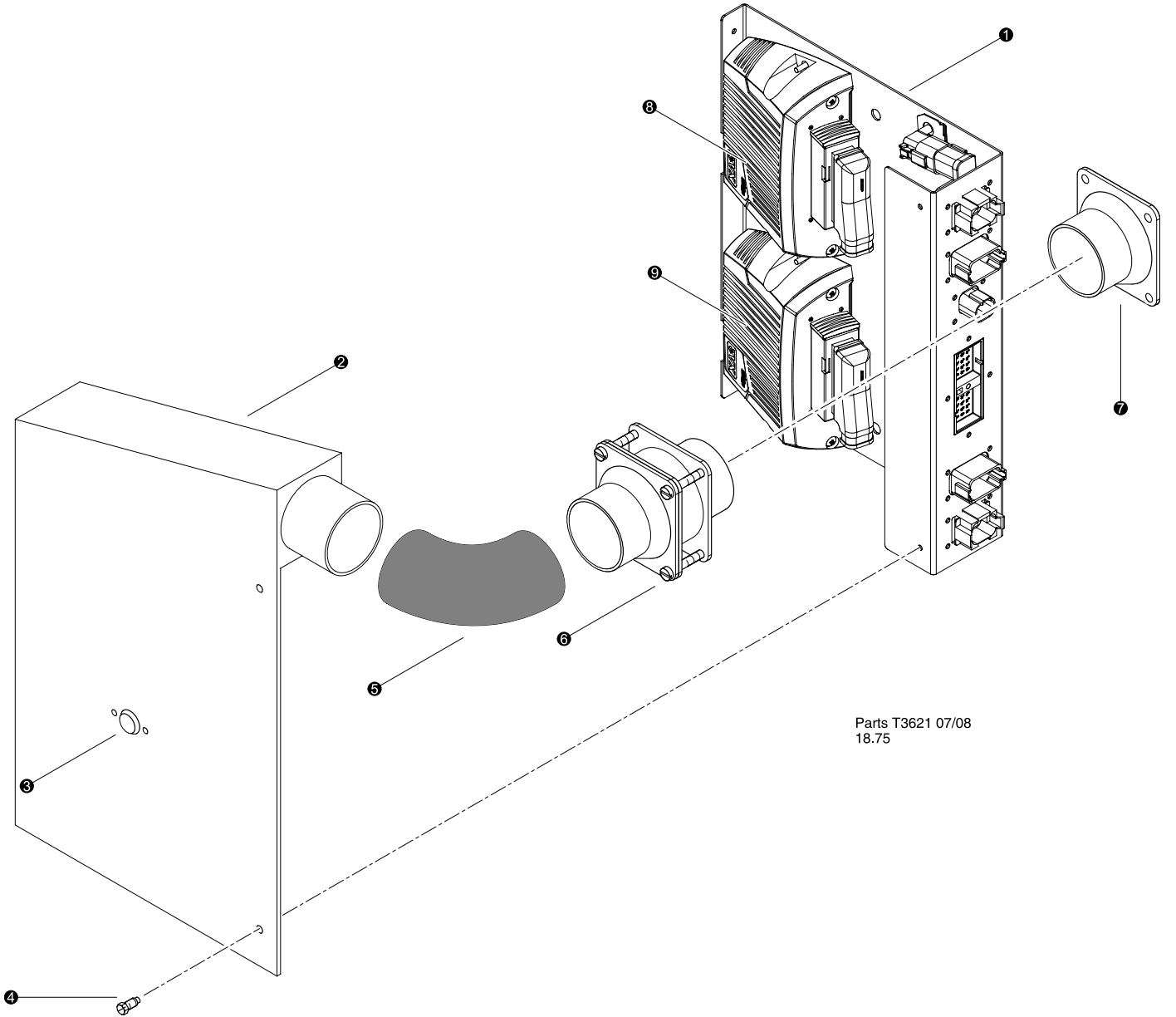
See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.






Included in repair kit

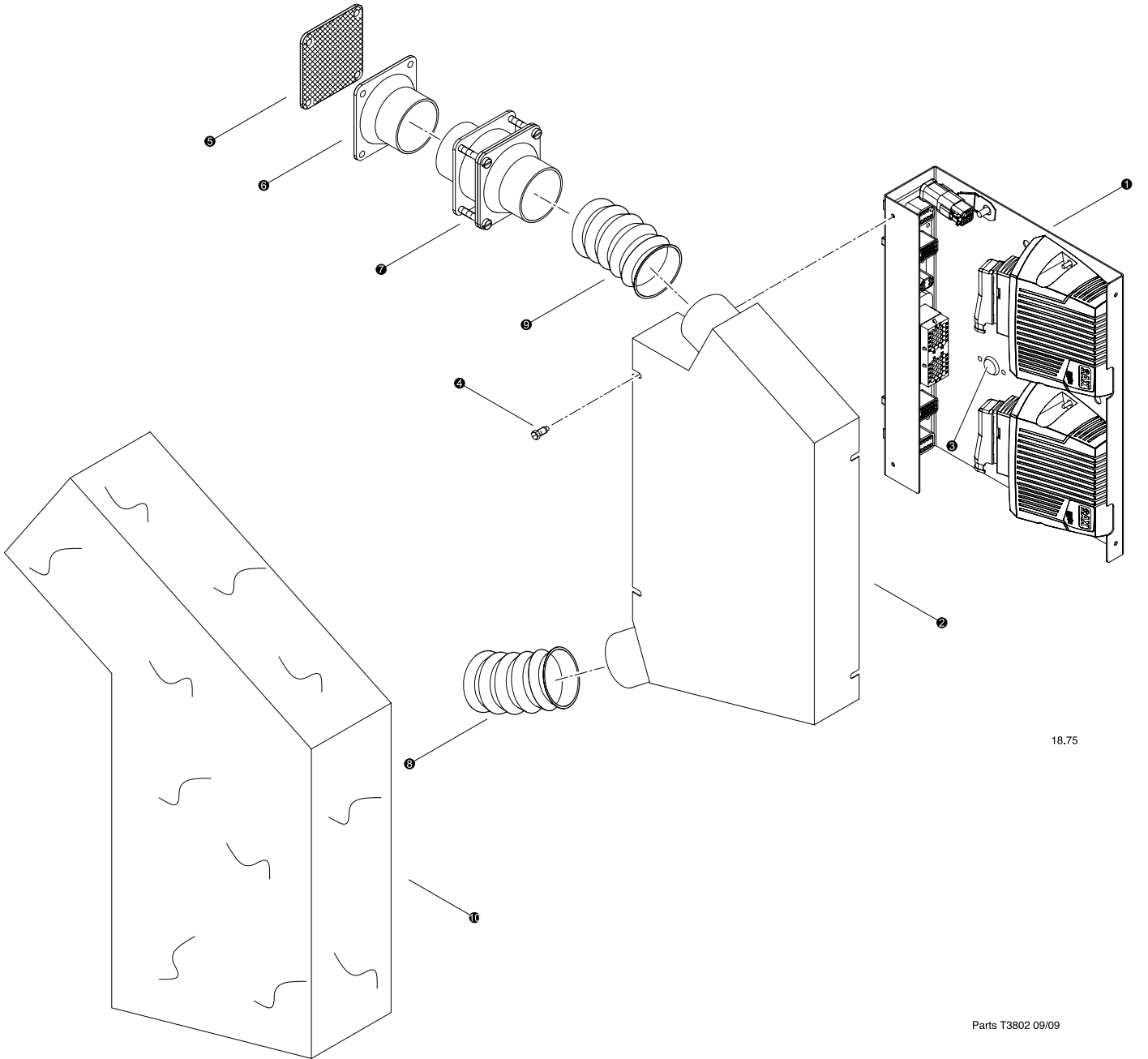


Parts T3621 07/08
18.75

IQAN - XA2 Panel
 (Machine TL735B-0030-090309 and before)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53621-ES	1	☐	PANEL, XA2 MDL SYSTEM	
-	53095-ES	2		MODULE, XA2 - IQAN	
2	53147-ES	1		COVER, FAN MOUNT XA2 PANEL	
3	53166-ES	1		SWITCH, THERMO SNAP - 130 F IQAN COOLER	
4	17254-ES	4		SCREW, SELF TAPPING - #10-24 X .5"	
5	53165-ES	1		ELBOW, RUBBER 90 - 3" IQAN COOLER SYSTEM	
6	53164-ES	1		FAN, BOOSTER - IQAN COOLING / CAB PRESSU	
7	53160-ES	1		FLANGE, AIR INLET XA2 PANEL	
-	53161-ES	1		SCREEN, AIR INLET XA2 PANEL	

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



18.75

Parts T3802 09/09

IQAN - XA2 Panel
(Machine TL735B-0031- and after)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53621-ES	1	☐	PANEL, XA2 MDL SYSTEM	
-	53095-ES	2		MODULE, XA2 - IQAN	
2	53147-ES	1		COVER, FAN MOUNT XA2 PANEL	
3	53166-ES	1		SWITCH, THERMO SNAP - 130 F IQAN COOLER	
4	17254-ES	4		SCREW, SELF TAPPING - #10-24 X .5"	
5	53161-ES	1		SCREEN, AIR INLET XA2 PANEL	
6	53160-ES	1		FLANGE, AIR INLET XA2 PANEL	
7	53164-ES	1		FAN, BOOSTER - IQAN COOLING / CAB PRESSU	
8	53939-ES	1		DUCT, Cooling - Iqan Modules	
9	53939-ES	1		DUCT, Cooling - Iqan Modules	
10	54153-ES	1		INSULATION, IQAN MODULE BOX XA2 CURRENT	



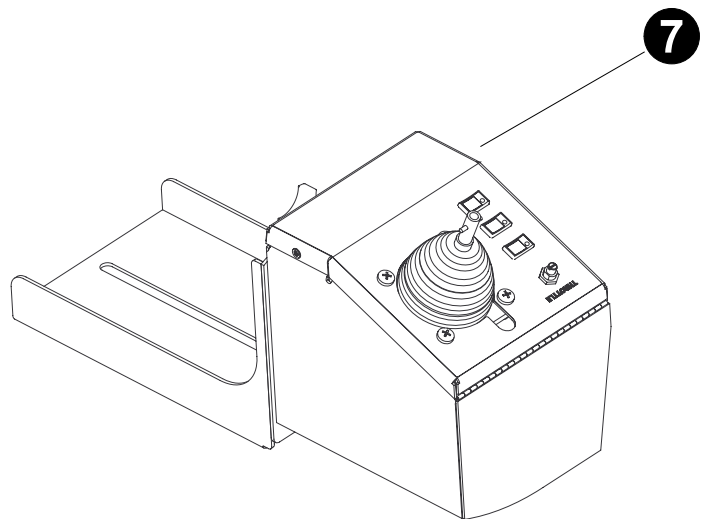
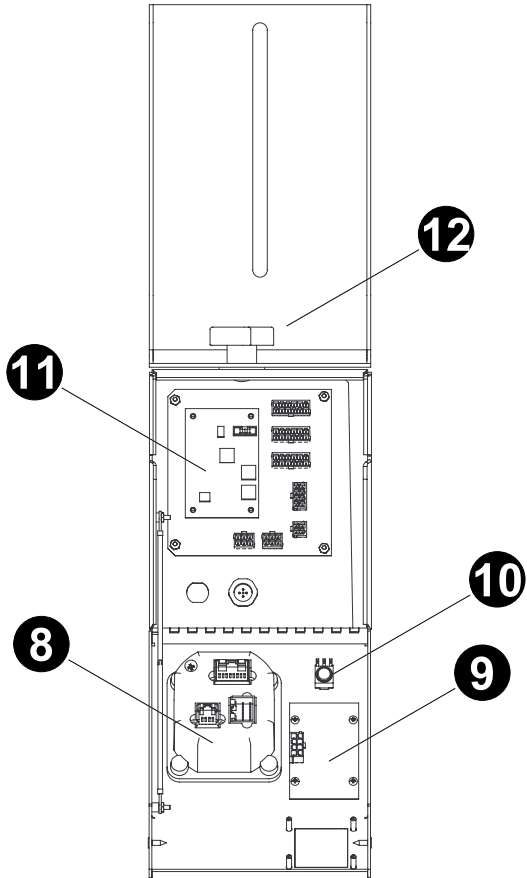
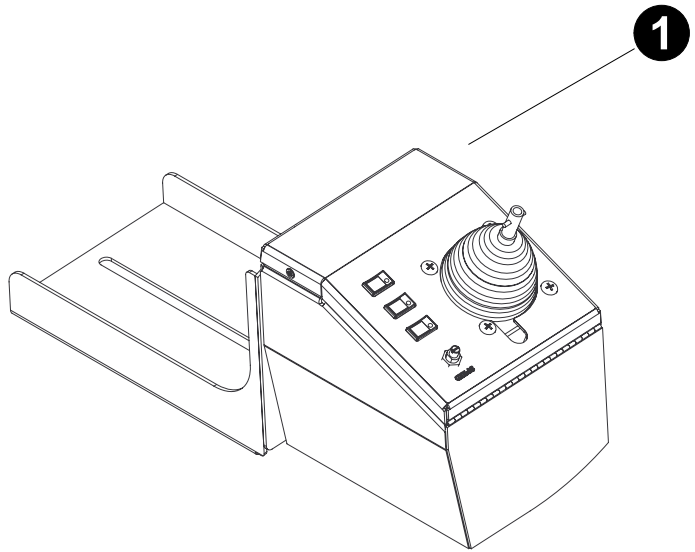
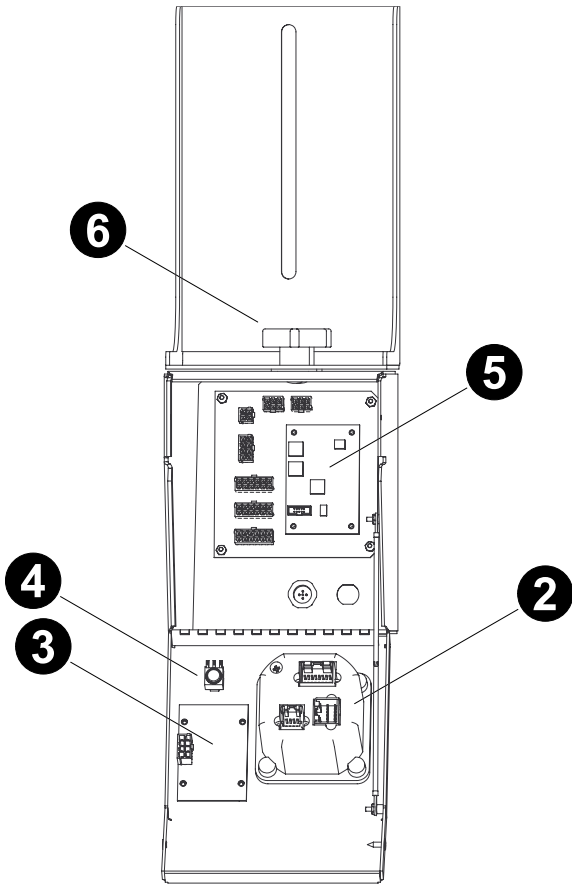
See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Included in repair kit



Parts T3756 07/08
18.75

IQAN - LEFT AND RIGHT CONTROL PANELS

(Machine TL735B-0030-090309 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	-ES	1	☐ POD, ASSEMBLY - Right Joystick - Track (GS06220-020)	
2	52905-ES	1	JOYSTICK, (JC6000-GEN0028)	
-	-ES	1	HARNESS, Joystick (M06220035RevA)	
-	-ES	1	HARNESS, control handle (M06220032RevB)	
3	53818-ES	1	Panel, 3-Switch (26030-24)	
-	-ES	1	HARNESS, 3-Switch panel (M06220031RevB)	
4	-ES	1	POT, Detented (GS06220036REVB)	
5	53676-ES	1	BOARD, CAN Driver (GS06464-041REVC) "Dip Switches set 0 & 1"	
-	-ES	1	HARNESS, CAN Driver Board (M06220030RevB)	
6	-ES	1	KNOB, 4 prong plastic (DK-57)	
7	-ES	1	☐ POD, ASSEMBLY - Left Joystick - Track (GS06220-010)	
8	52905-ES	1	JOYSTICK, (JC6000-GEN0028)	
-	-ES	1	HARNESS, Joystick (M06220035RevA)	
-	-ES	1	HARNESS, control handle (M06220032RevB)	
9	53818-ES	1	Panel, 3-Switch (26030-24)	
-	-ES	1	HARNESS, 3-Switch panel (M06220031RevB)	
10	-ES	1	POT, Detented (GS06220036REVB)	
11	53676-ES	1	BOARD, CAN Driver (GS06464-041REVC) "Dip Switches set 0 & 0"	
-	-ES	1	HARNESS, CAN Driver Board (M06220030RevB)	
12	-ES	1	KNOB, 4 prong plastic (DK-57)	



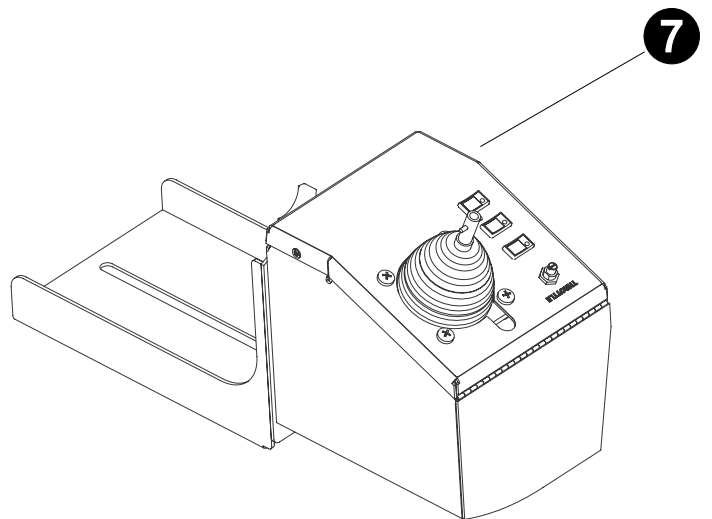
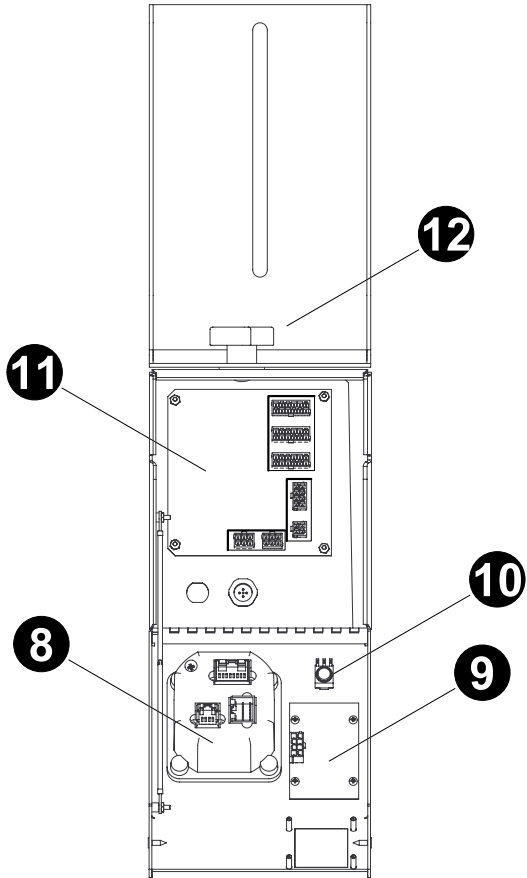
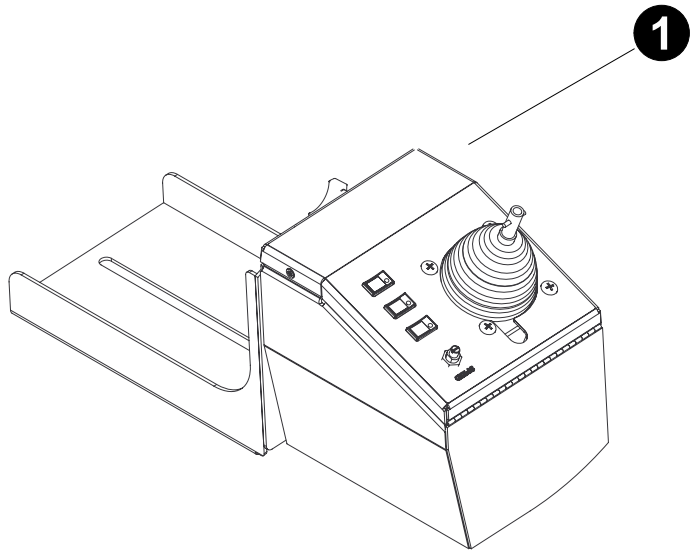
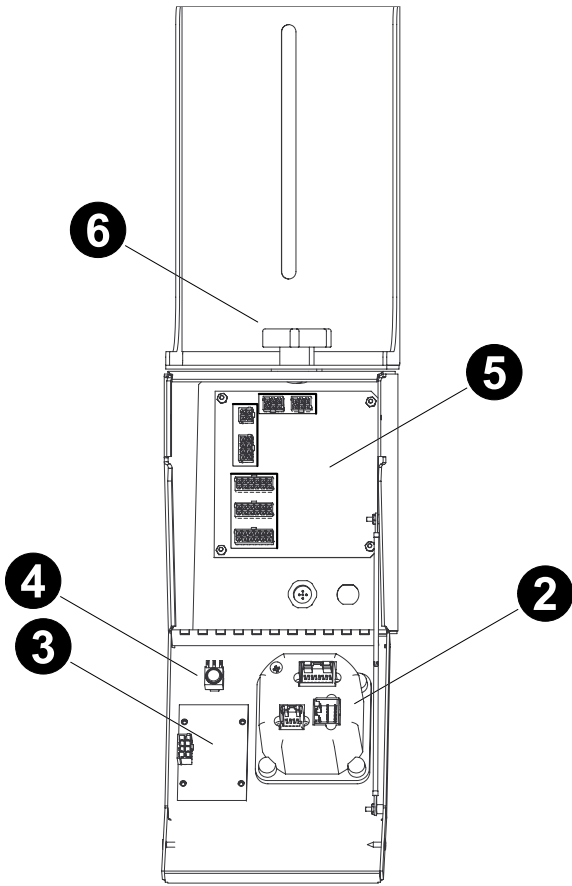
See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.






Included in repair kit

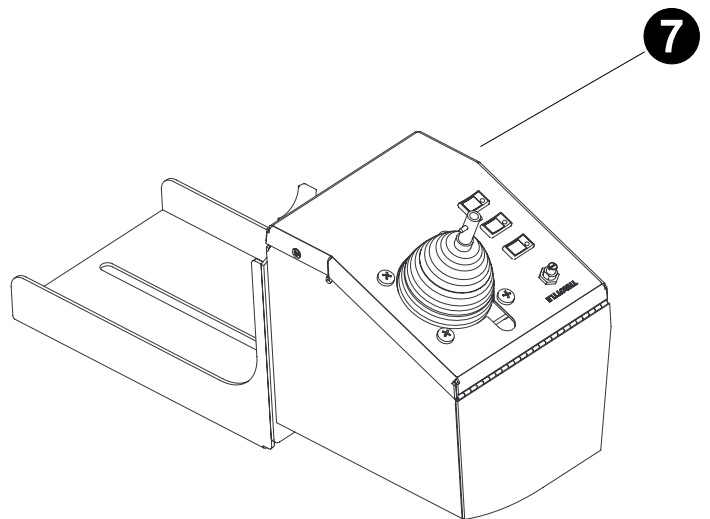
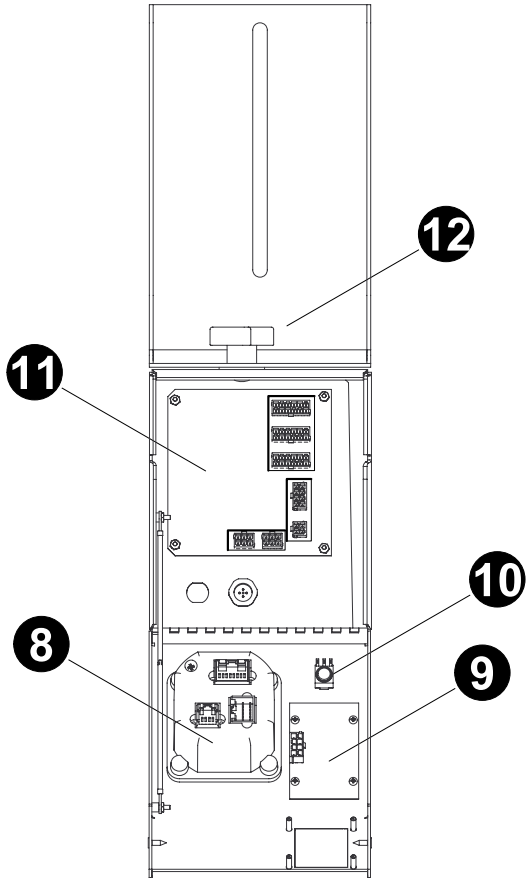
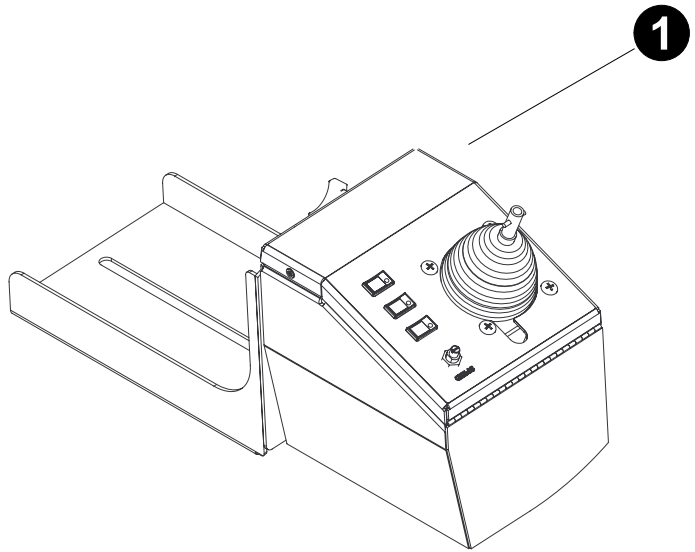
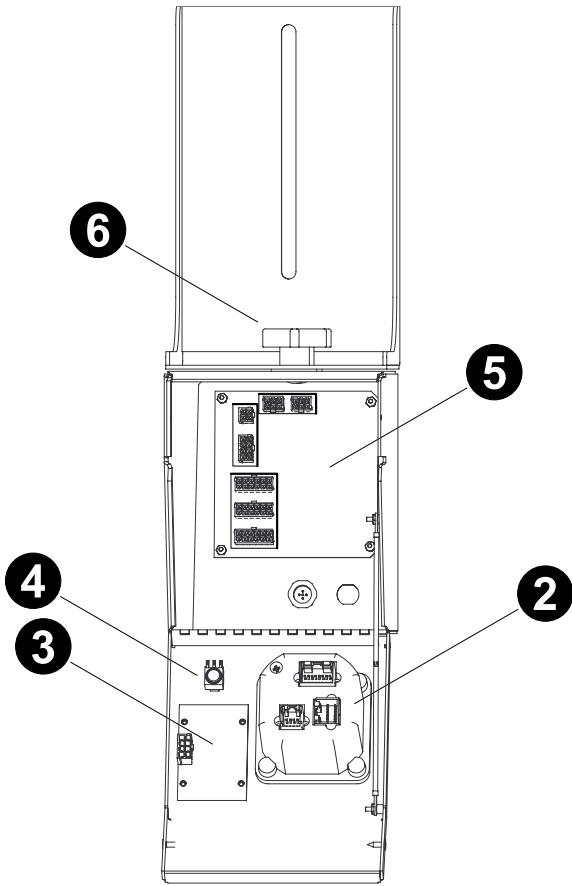


Parts T3806 09/09
18.75

IQAN - LEFT AND RIGHT CONTROL PANELS (Machine TL735B-0031- to TL725B-0050)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53900-ES	1	☐ POD, ASSEMBLY - Right Joystick	
2	52905-ES	1	JOYSTICK, (JC6000-GEN0028)	
-	-ES	1	HARNESS, Joystick (M06220035RevA)	
-	-ES	1	HARNESS, control handle (M06220032RevB)	
3	53818-ES	2	Panel, 3-Switch (M09312-200 Rev A)	
-	-ES	1	HARNESS, 3-Switch panel (M09351-331 Rev A)	
4	-ES	1	POT, Detented (GS06220036REVB)	
5	53931-ES	1	BOARD, CAN Driver (jumper wire installed)	
-	-ES	4	SPACER, non-treaded (67714451)	
-	-ES	1	HARNESS, CAN Driver Board (M06220030RevB)	
-	-ES	4	SPACERS, threaded (6738484)	
-	-ES	1	PLATE, CAN Board protection (M09351213REVA)	
-	-ES	4	NUT, nylock	
6	-ES	1	KNOB, 4 prong plastic (DK-57)	
7	53901-ES	1	☐ POD, ASSEMBLY - Left Joystick (GS07207-010)	
8	52905-ES	1	JOYSTICK, (JC6000-GEN0028)	
-	-ES	1	HARNESS, Joystick (M06220035RevA)	
-	-ES	1	HARNESS, control handle (M06220032RevB)	
9	53818-ES	2	Panel, 3-Switch (M09312-200 Rev A)	
-	-ES	1	HARNESS, 3-Switch panel (M09351-331 Rev A)	
10	-ES	1	POT, Detented (GS06220036REVB)	
11	53932-ES	1	BOARD, CAN Driver (jumper wire removed)	
-	-ES	4	SPACER, non-treaded (67714451)	
-	-ES	1	HARNESS, CAN Driver Board (M06220030RevB)	
-	-ES	4	SPACERS, threaded (6738484)	
-	-ES	1	PLATE, CAN Board protection (M09351213REVA)	
-	-ES	4	NUT, nylock	
12	-ES	1	KNOB, 4 prong plastic (DK-57)	

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




Parts T3806 09/09
18.75

IQAN - LEFT AND RIGHT CONTROL PANELS

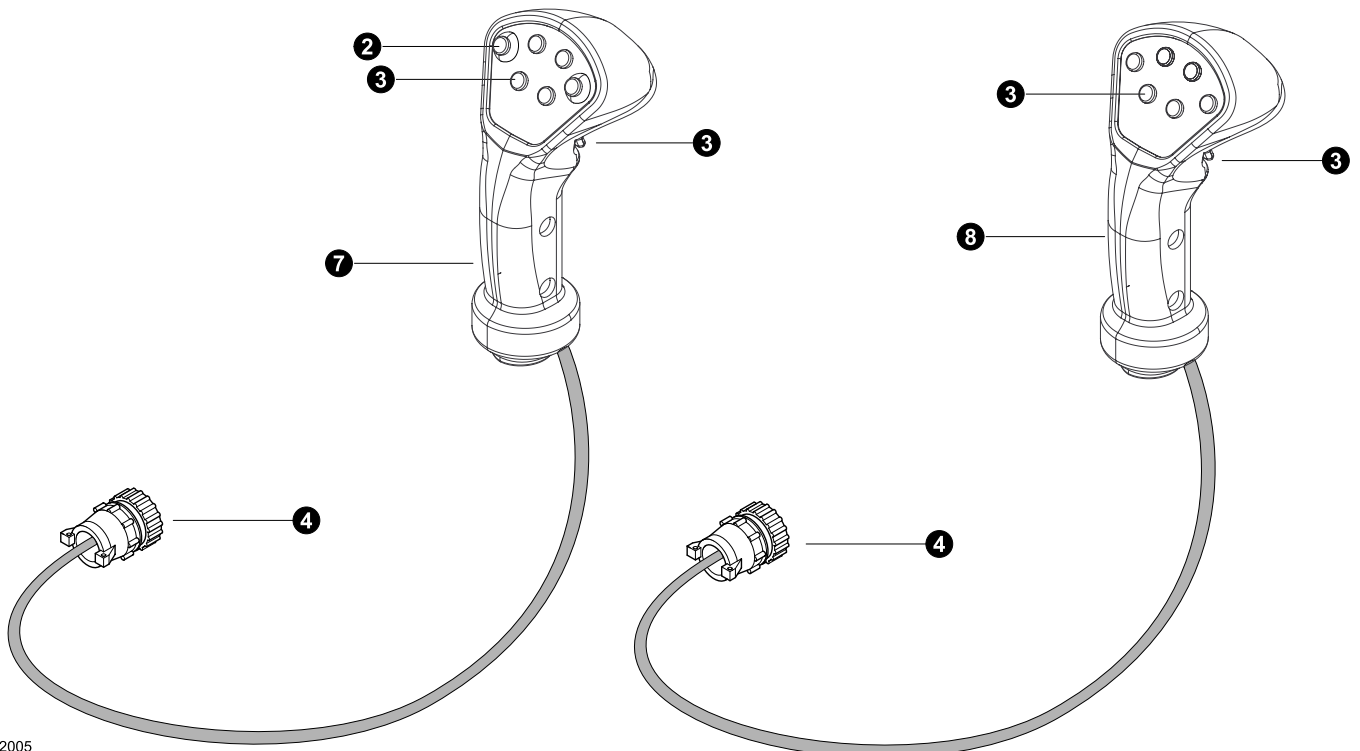
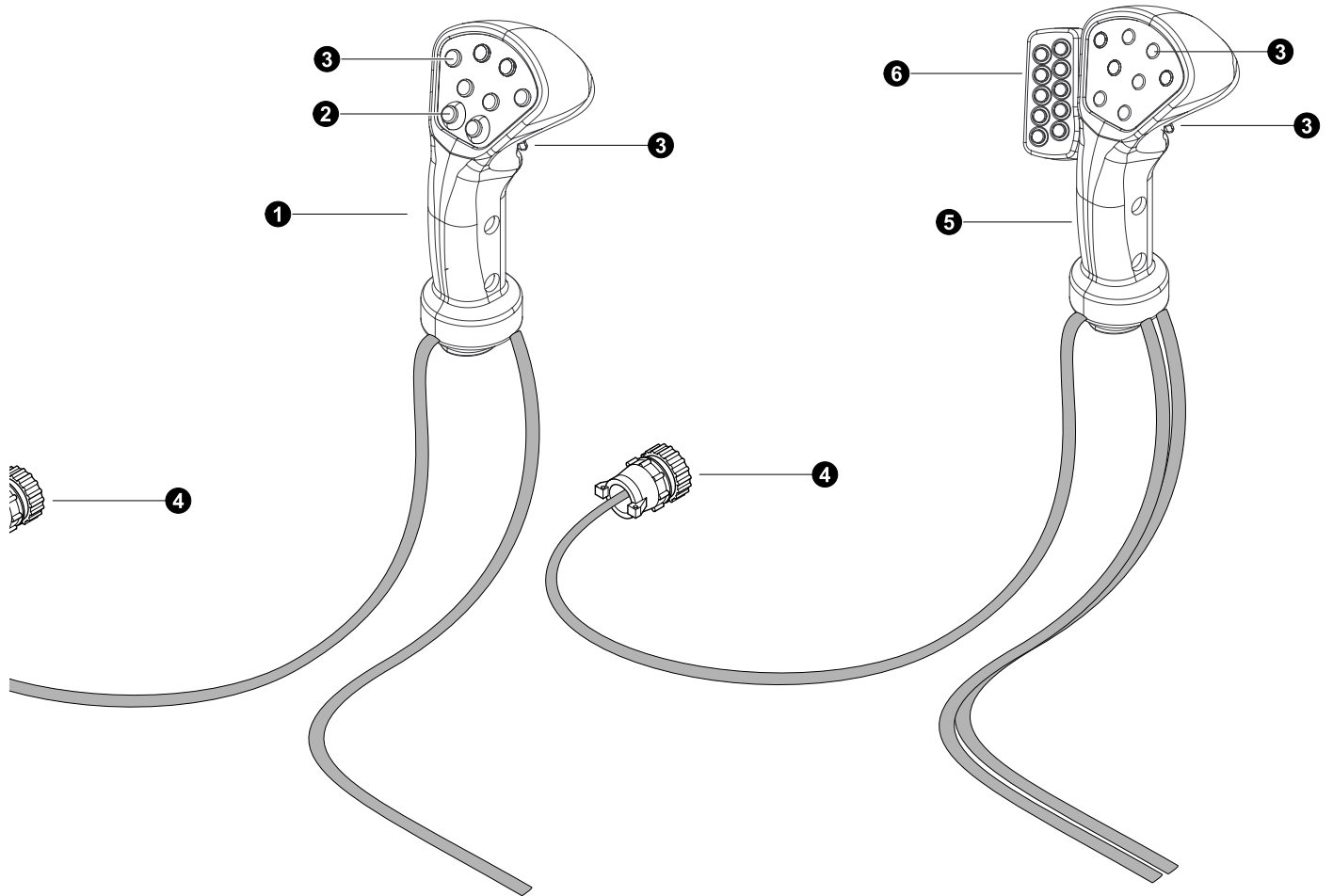
(Machine TL725B-0051- and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53900-ES	1	☐ POD, ASSEMBLY - Right Joystick	
2	54126-ES	1	JOYSTICK, MDL (P&G) CAN RIGHT	
-	54124-ES	1	HARNESS, JOYSTICK - MDL CAN	
-	-ES	1	HARNESS, control handle (M06220032RevB)	
3	53818-ES	2	Panel, 3-Switch (M09312-200 Rev A)	
-	-ES	1	HARNESS, 3-Switch panel (M09351-331 Rev A)	
4	-ES	1	POT, Detented (GS06220036REVB)	
5	53931-ES	1	BOARD, CAN Driver (jumper wire installed)	
-	-ES	4	SPACER, non-treaded (67714451)	
-	-ES	1	HARNESS, CAN Driver Board (M06220030RevB)	
-	-ES	4	SPACERS, threaded (6738484)	
-	-ES	1	PLATE, CAN Board protection (M09351213REVA)	
-	-ES	4	NUT, nylock	
6	-ES	1	KNOB, 4 prong plastic (DK-57)	
7	53901-ES	1	☐ POD, ASSEMBLY - Left Joystick (GS07207-010)	
8	54125-ES	1	JOYSTICK, MDL (P&G) CAN LEFT	
-	54124-ES	1	HARNESS, JOYSTICK - MDL CAN	
-	-ES	1	HARNESS, control handle (M06220032RevB)	
9	53818-ES	2	Panel, 3-Switch (M09312-200 Rev A)	
-	-ES	1	HARNESS, 3-Switch panel (M09351-331 Rev A)	
10	-ES	1	POT, Detented (GS06220036REVB)	
11	53932-ES	1	BOARD, CAN Driver (jumper wire removed)	
-	-ES	4	SPACER, non-treaded (67714451)	
-	-ES	1	HARNESS, CAN Driver Board (M06220030RevB)	
-	-ES	4	SPACERS, threaded (6738484)	
-	-ES	1	PLATE, CAN Board protection (M09351213REVA)	
-	-ES	4	NUT, nylock	
12	-ES	1	KNOB, 4 prong plastic (DK-57)	

 See referenced page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.

 Included in repair kit



06/2005

HANDCONTROL BREAKDOWN

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51567-ES	1	HAND CONTROL, SURE GRIP - LH (LOGMAX)	
2	51947-ES	2	SWITCH, PUSH BUTTON REPAIR KIT (PROPORTIONAL)	
-	52094-ES	2	KIT, REPAIR - PROPORTIONAL BUTTON COVER	
3	20961-ES	8	SWITCH, PUSH BUTTON (DIGITAL)	
4	50372-ES	1	CONNECTOR, PLUG - 14 POS AMP	
5	51566-ES	1	HAND CONTROL, SURE GRIP - RH W/KEYPAD (LOGMAX)	
6	52095-ES	10	SWITCH, PUSH BUTTON (SURE GRIP KEYPAD)	
7	51809-ES	1	HAND CONTROL, UPPER - SURE GRIP - Digital and Proportional	
8	53986-ES	1	HAND CONTROL, UPPER - SURE GRIP - Digital Buttons Only	



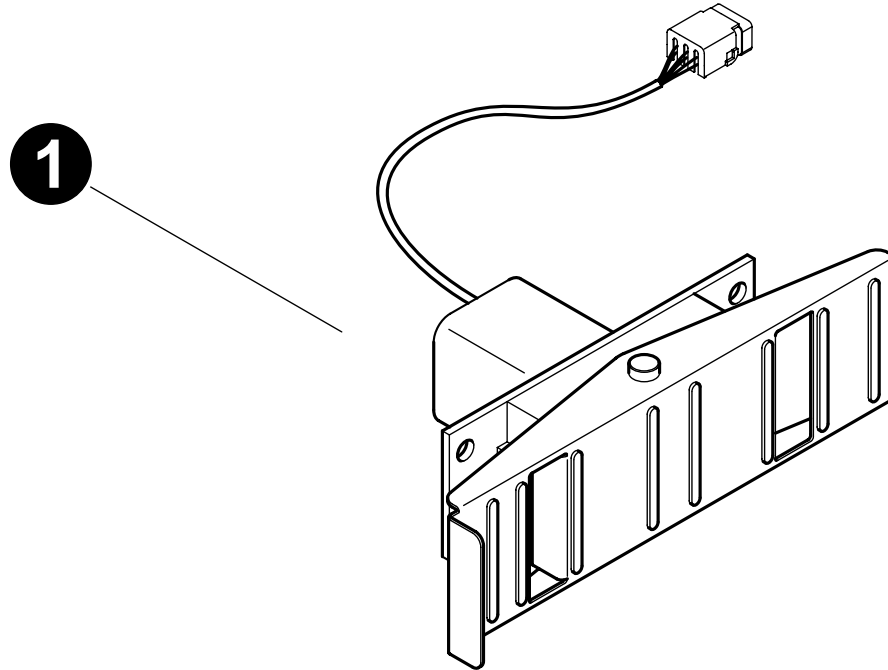
See referenced page for component or assembly breakdown.



Kit or Assembly - includes all items indented underneath.



Included in repair kit



Parts T3176 07/06/2005
50.00

WHEEL DRIVE CONTROL PEDAL

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51491-ES	1	PEDAL, FOOT CONTROL - DUAL AXIS , OTTO CONTROLS (SEALED)	

Disassembly of these components is not recommended.

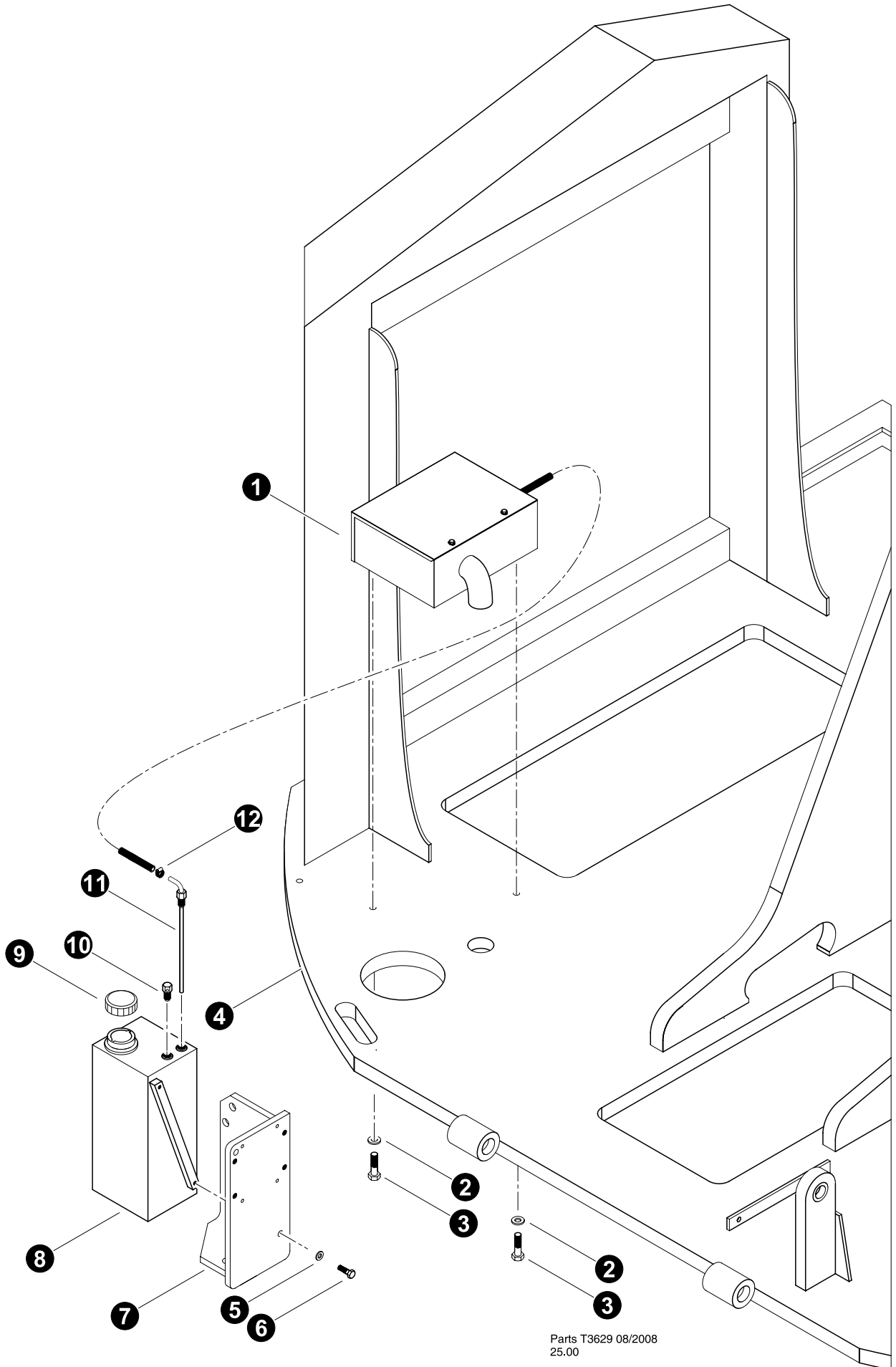


See referenced page for component or assembly breakdown.

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Section OH-1



Optional Heaters- Espar Heater Installation

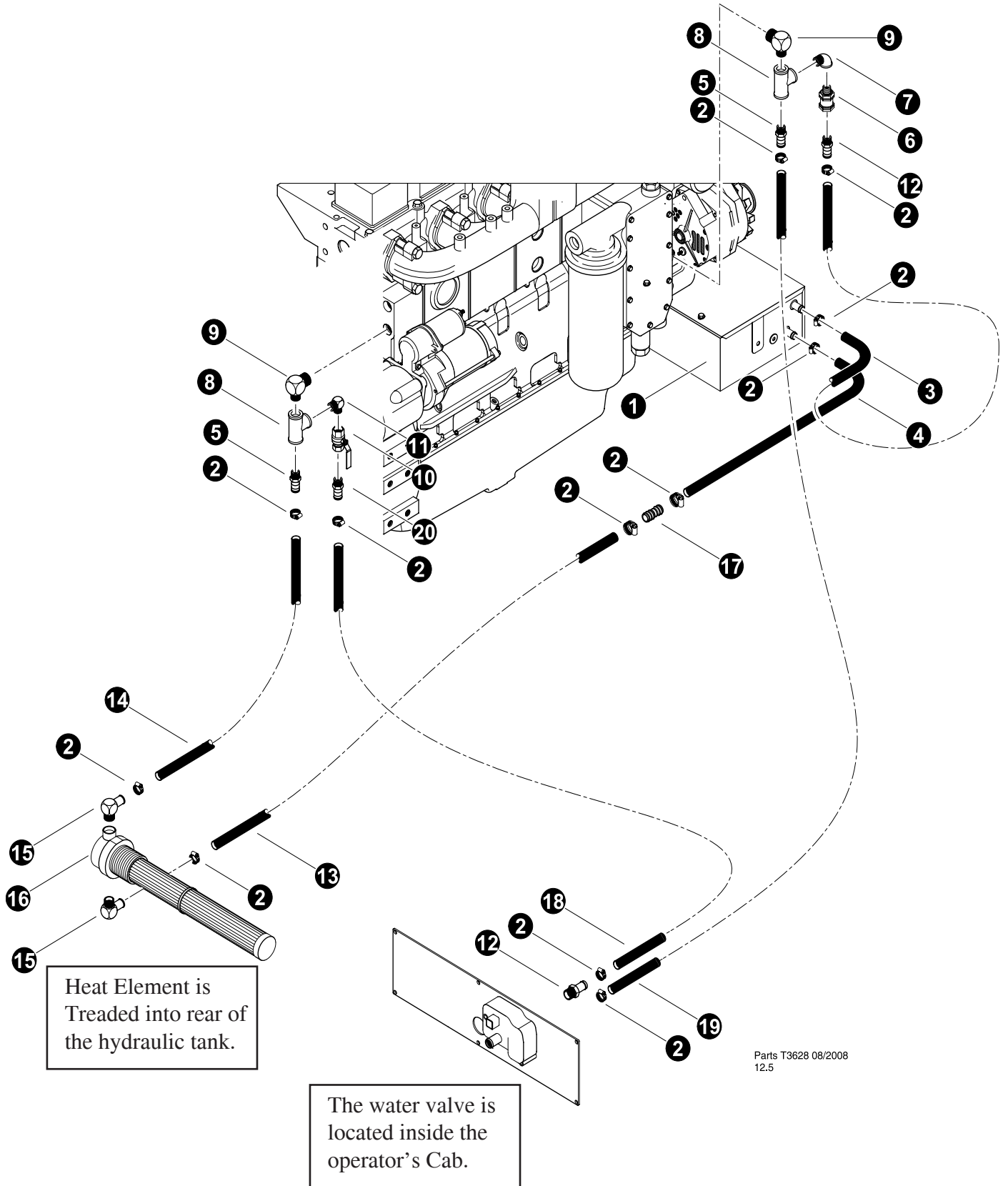


Parts T3629 08/2008
25.00




Espar Heater (Heater Installation)




REF	PART #	QTY	DESCRIPTION
1	REF	1	 ESPAR PRE-HEATER SYSTEM OH-2
2	15528-OH	2	WASHER, SAE FLAT - .375"
3	15529-OH	2	BOLT - .375" X 2"
4	REF	1	 UPPER TURNTABLE UP-1
5	10801-OH	2	WASHER, FLAT - .3125"
6	15589-OH	2	BOLT - .3125" X 1"
7	REF	1	 MOUNT, FRONT ENGINE EE-1
8	52930-OH	1	TANK, PROHEAT FUEL
9	52965-OH	1	CAP, ESPAR FUEL TANK
10	22906-OH	1	BEATHER, fuel vent
11	-OH	1	SUCTION TUBE, ESPAR FUEL TANK
12	10759-OH	1	CLAMP, HOSE - WORM STYLE - .875"

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



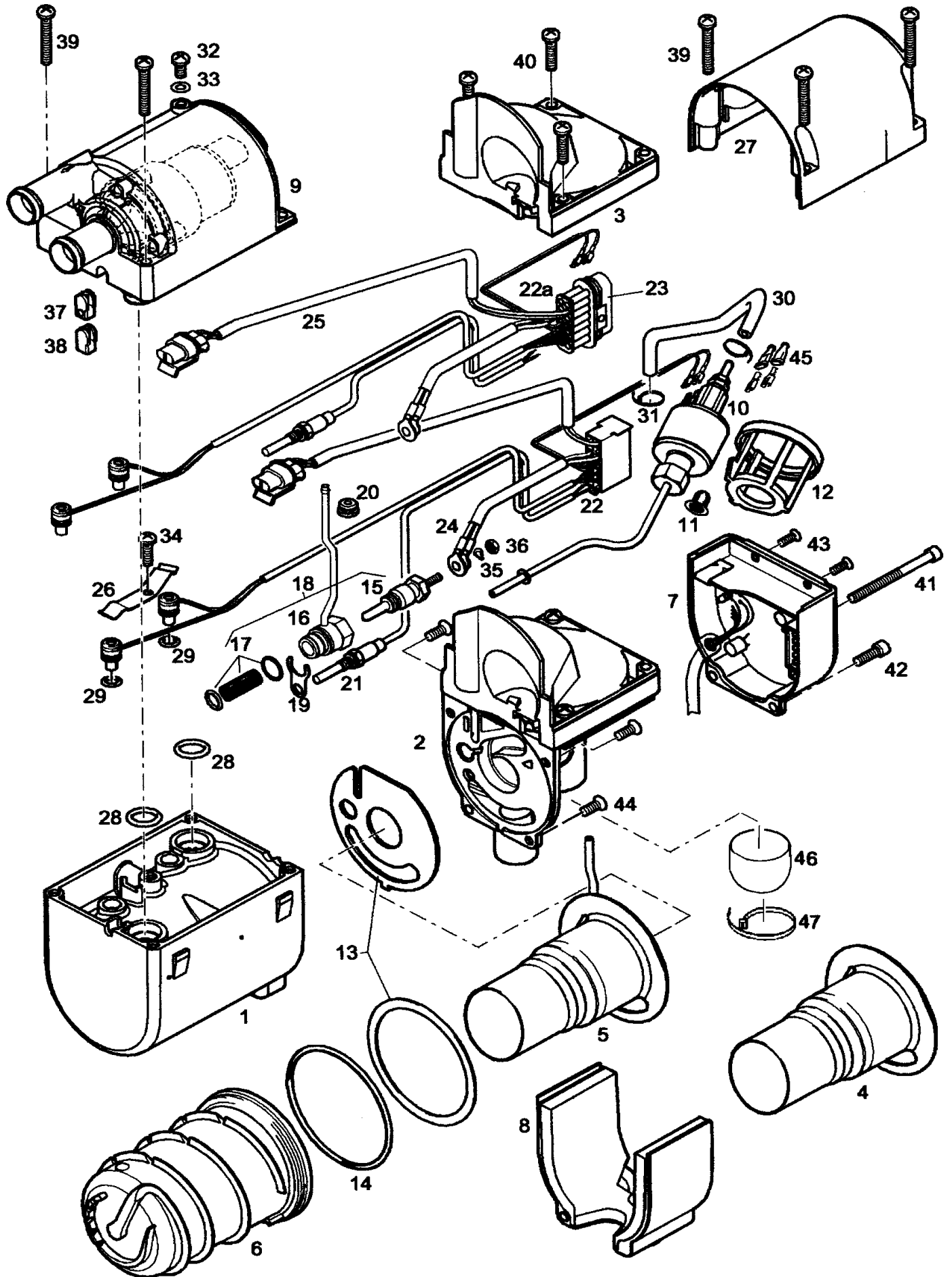
**Espar Heater
(Heater Installation)
Cummins QSC 8.3L**

REF	PART #	QTY	DESCRIPTION
1	REF	1	 ESPAR PRE-HEATER SYSTEM OH-2
2	16256-OH	12	CLAMP, HOSE - WORM STYLE - 1"
3	52035-OH	1	HOSE, 90 degree (18075)
4	52036-OH	1	HOSE, 90 degree (28470)
5	51774-OH	2	NIPPLE, KING - .38NPT X .63 HOSE
6	15652-OH	1	VALVE, CHECK - HYDRAULIC/FUEL TANK
7	52786-OH	1	ELBOW, 90° STREET -1/2 X 3/8 CD-S
8	16125-OH	2	TEE, BLACK - .5"
9	52785-OH	2	ELBOW, MALE PIPE - 3/4 X 1/2 CR-S
10	51714-OH	1	VALVE, BALL - WATER SHUT OFF HEATER 1/2"
11	16305-OH	1	ELBOW, BLACK 90 - .5"
12	51502-OH	2	NIPPLE, KING - .38NPT X .63 HOSE
13	16717-OH	33"	 HOSE, HEATER - (BULK ROLL) .625" X 250'
14	52736-OH	35"	HOSE, HEATER - 5/8" X 35" - WRAPPED
15	51974-OH	1	ELBOW, 90 - 4501-10-12
16	51437-OH	1	HEATER, element - Artic Fox
17	52578-OH	1	HOSE BARB 5/8" BRASS SPLICER
18	52739-OH	1	HOSE, HEATER - 3/4" X 110" WRAPPED
19	16717-OH	80"	 HOSE, HEATER - (BULK ROLL) .625" X 250'
20	53075-OH	1	NIPPLE - 125HBL12-8

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

Section OH-2

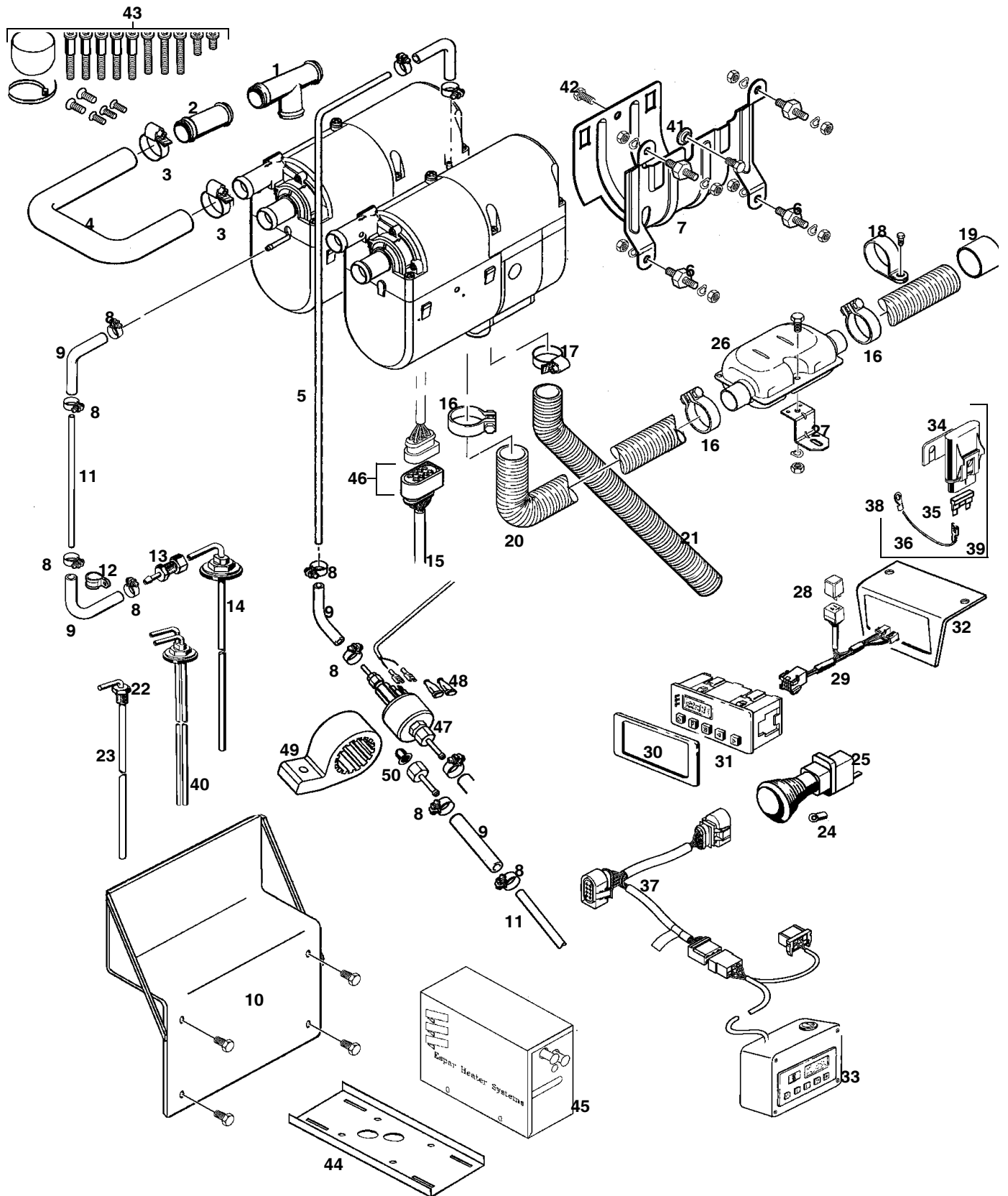
Optional Heaters- Espar Parts Breakdown



Espar hydronic - Pre Heater (heater breakdown)

REF	PART #	QTY	DESCRIPTION
-	51578-OH	1	<input type="checkbox"/> KIT, PREHEATER - ESPAR (24V)
1		1	OUTER CASING (251922010101)
2		1	CUMBUSTION AIR BLOWER with COVER (252146991500) .
3		1	COVER (252137010002)
4		1	BURNER
5		1	BURNER (252146100000)
6		1	HEAT EXCHANGER (251922060001)
7		1	CONTROL UNIT (225202001003)
8		1	COVER
9		1	WATER PUMP (252118250000)
10		1	FUEL METERING PUMP (251942450000)
11		1	STRAINER
12		1	PUMP HOLDER (251864990021)
13		1	SEAL & GASKET (251864990021)
14		1	O-RING (32075104)
15		1	GLOW PIN (252107011000)
16		1	GLOW PIN CONNECTION
17		1	LINING AND 2 O-RINGS
18		1	PLUG CONNECTION COMPLETE (252147011300)
19		1	HOLDER (201752010004)
20		1	SLEEVE (201752010002)
21		1	FLAME SENSOR (251920350000)
22		1	OVERHEAT & TEMP SENSORS \ CABLE & CONNECTORS (252147012000)
23		1	CONTROL UNIT PLUG - COMPLETE (221000301010)
24		1	CABLE SECTION, GLOW PLUG (251920011800)
25		1	CABLE, WATER PUMP (201753011800)
26		1	SPRING LEAF (251922010005)
27		1	COVER FUEL METERING PUMP (251917010003)
28		1	ORING (32075119)
29		1	ORING, SENSOR (32075111)
30		1	FUEL HOSE (251917010011)
31		1	HOSE CLIP (20931071)
32		1	BLEED SCREW (251917250012)
33		1	BLEED SCREW WASHER
34		1	TAPITE SCREW (10910104)
35		1	SPRING WASHER (17122112)
36		1	NUT (11010024)
37		1	SLEEVE (251917010005)
38		1	GROMMET
39		1	BOLT M5X35 (10910027)
40		1	BOLT M5X25 (10910102)
41		1	BOLT (10010300)
42		1	BOLT M5X16 (10910101)
43		1	SCREW M4X10 (10910100)
44		1	SCREW (10210400)
45		1	BOOT (32031120)
46		1	DUST COVER (CA000073)

Kit or Assembly - includes all items indented underneath.

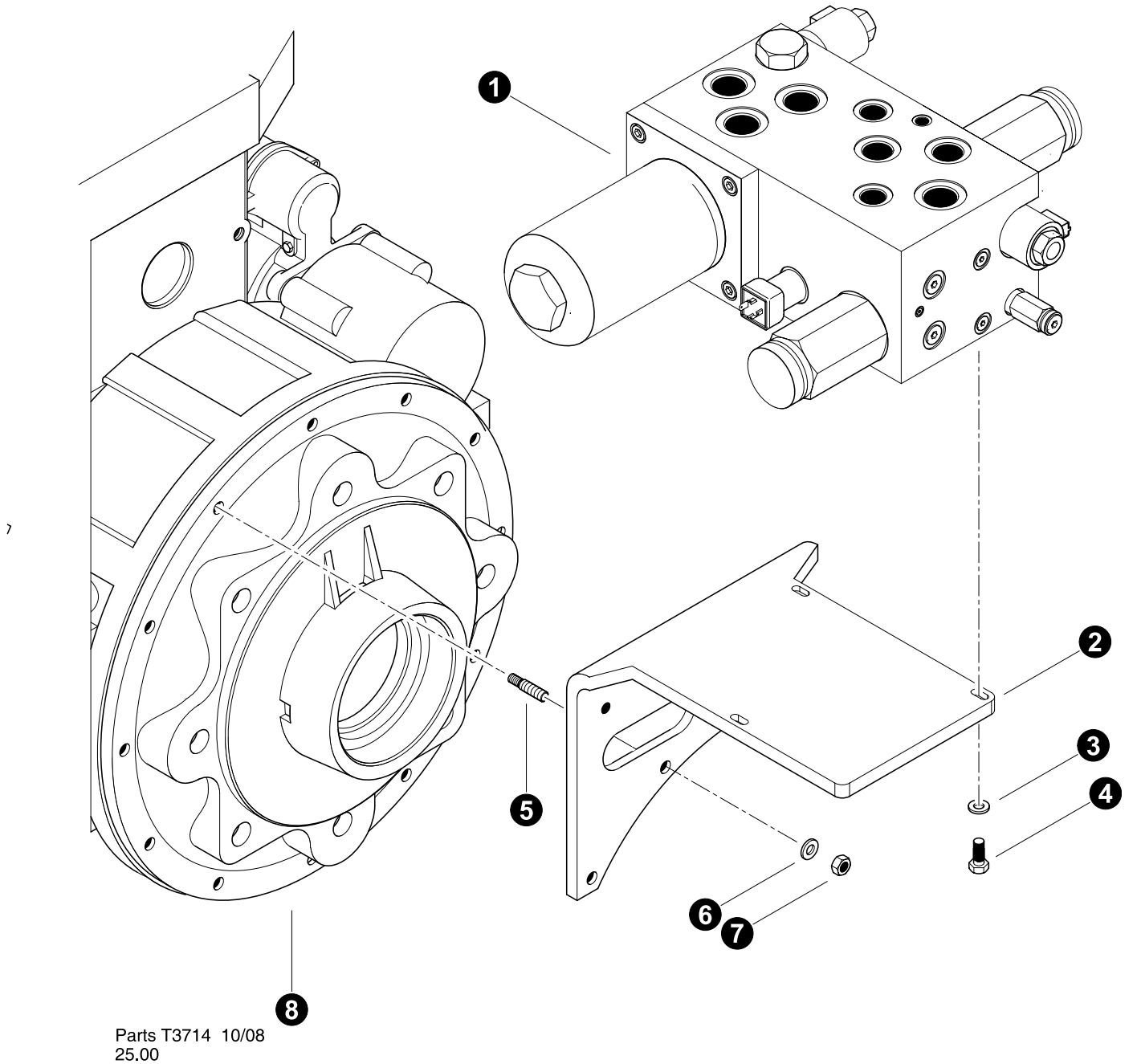


Espar hydronic - Pre Heater (heater breakdown)

REF	PART #	QTY	DESCRIPTION
-	51578-OH	1	<input type="checkbox"/> KIT, PREHEATER - ESPAR (24V
1		1	T-PIECE 20MM (201673801100)
2		1	CONNECTING PIPE (201534880001)
3		1	CLAMP 20MM-32MM (102065020032)
4		1	HOSE (251917800001)
5		1	1.5M PLASTIC FUEL LINE (09031118)
6		1	MOUNT (201185000001)
7		1	HEATER BRACKET (251864800001)
8		1	HOSE CLAMP 9 MM (102063009098)
9		1	HOSE, FUEL (36075300)
10		1	BRACKET (CA010085)
11		1	FUEL LINE 2MM (09031117)
12		1	CLAMP, PIPE 10MM (15200147)
13		1	FUEL PIPE REDUCER (CA012092)
14		1	FUEL PICK UP (CA012056)
15		1	MAIN HEATER HARNESS (CA160502-001)
16		1	EXHAUST CLAMP 27-30MM (15261102)
17		1	INTAKE HOSE CLAMP102064016025)
18		1	C CLAMP 28MM (15210051)
19		1	EXHAUST SLEEVE (251729800600)
20		1	EXHAUST HOSE (36061299)
21		1	INTAKE HOSE (36000099)
22		1	COMPRESSION FITTING
23		1	STRAIT PICKUP TUBE
24		1	BULB 24V (20700006)
25		1	SWITCH 24V (CA100004)
26		1	MUFFLER (251864810100)
27		1	CLAMP (201533880007)
28		1	RELAY 24V (20300092)
29		1	HARNESS ADAPTER, TIMER (CA160008001)
30		1	BEZEL, TIMER (251482700700)
31		1	TIMER, 7 DAY (221000303600) KIT WHARNESS (CA100136)
32		1	BRACKET, TIMER (CA010061)
33		1	FAULT CODE DEVICE (CA105020)
34		1	MAIN FUSE HOLDER (CA107001)
35		1	FUSE (CA107005)
36		1	WIRE, RED (CA161908)
37		1	HARNESS, FAULT CODE (CA105028)
38		1	TERMINAL 3/8" (CA190014)
39		1	FUSE LINK HARNESS (CA165108)
40		1	DOUBLE PICKUP (CA012057001)
41		1	SPACER (251864800002)
42		1	SCREW (CA300103)
43		1	REPLACEMENT HARDWARE KIT (CA100190)
44		1	BRACKET, FRAME MOUNT (CA010028)
45		1	BOX, BASE (CA010101) LID (CA010102)
46		1	PLUG CABLES - COMPLETE (221000301021)
47		1	FUEL PUMP 24V (221000500300)
48		1	BOOT SLEEVE (32031120)
49		1	FUEL PUMP HOLDER (221000500300)
50		1	FILTER, FUEL (224502000100)

Section DH-1

Drive Hydraulics - Charge Pressure Circuit

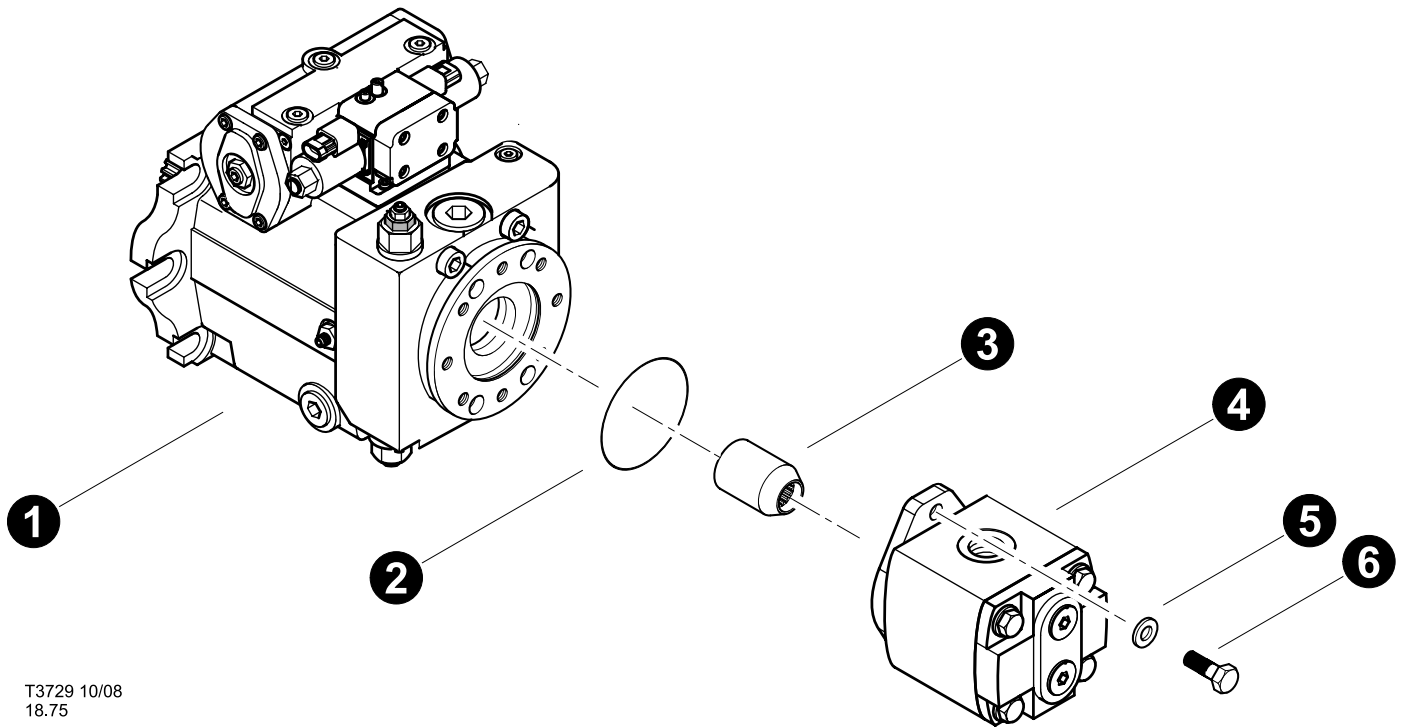


CHARGE FILTER MANIFOLD INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	VALVE, FAN CONTROL.....	UP-3
2	52515-DH	1	BRACKET, CHARGE/FAN VALVE	
3	15528-DH	3	WASHER, SAE FLAT - .375"	
4	11707-DH	3	BOLT - .375" X 1"	
5	15531-DH	3	STUD, threaded - 10mm x 45mm (See Note #1 below)	
6	15528-DH	3	WASHER, SAE flat - 3/8"	
7	15530-DH	3	NUT, hex - 10mm (See Note #2 below) (Torque to 40 ft.lbs. (53 Nm))	
8	REF	1	PUMP DRIVE TRANSMISSION.....	EE-4



 See referenced page for component or assembly breakdown.


 Kit or Assembly - includes all items indented underneath.

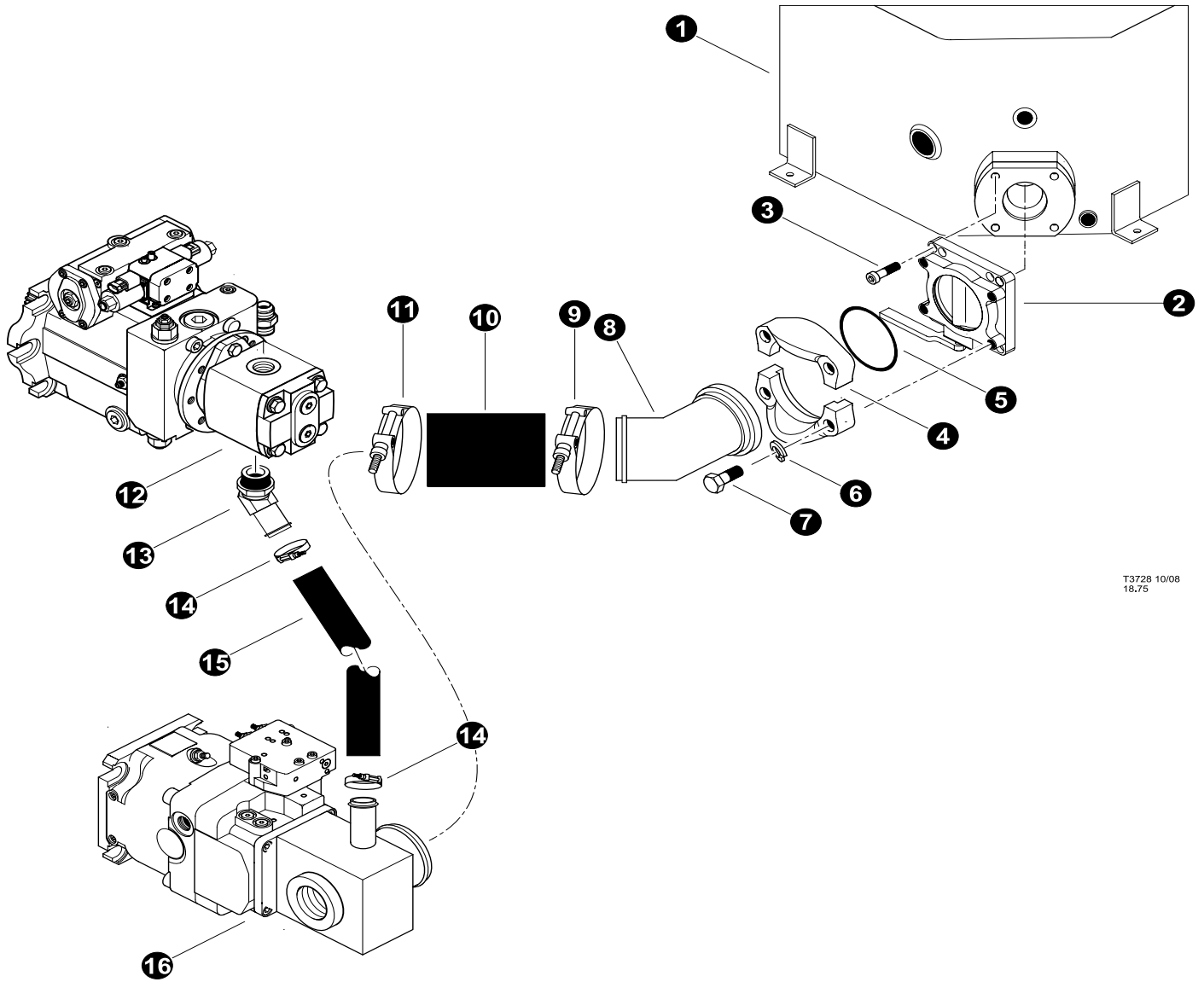


T3729 10/08
18.75

CHARGE PUMP INSTALLATION





REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 TRACK DRIVE PUMP	DH-3
2	21624-DH	1	O-RING, CHARGE PUMP PILOT (AA4VG90)	
3	21621-DH	1	COUPLING,	
4	REF	1	 CHARGE PUMP ASSEMBLY.....	DH-4
5	18735-DH	2	WASHER, FLAT - 12MM	
6	18415-DH	2	BOLT - 12MM-1.75P X 30MM	



 See referenced page for component or assembly breakdown.

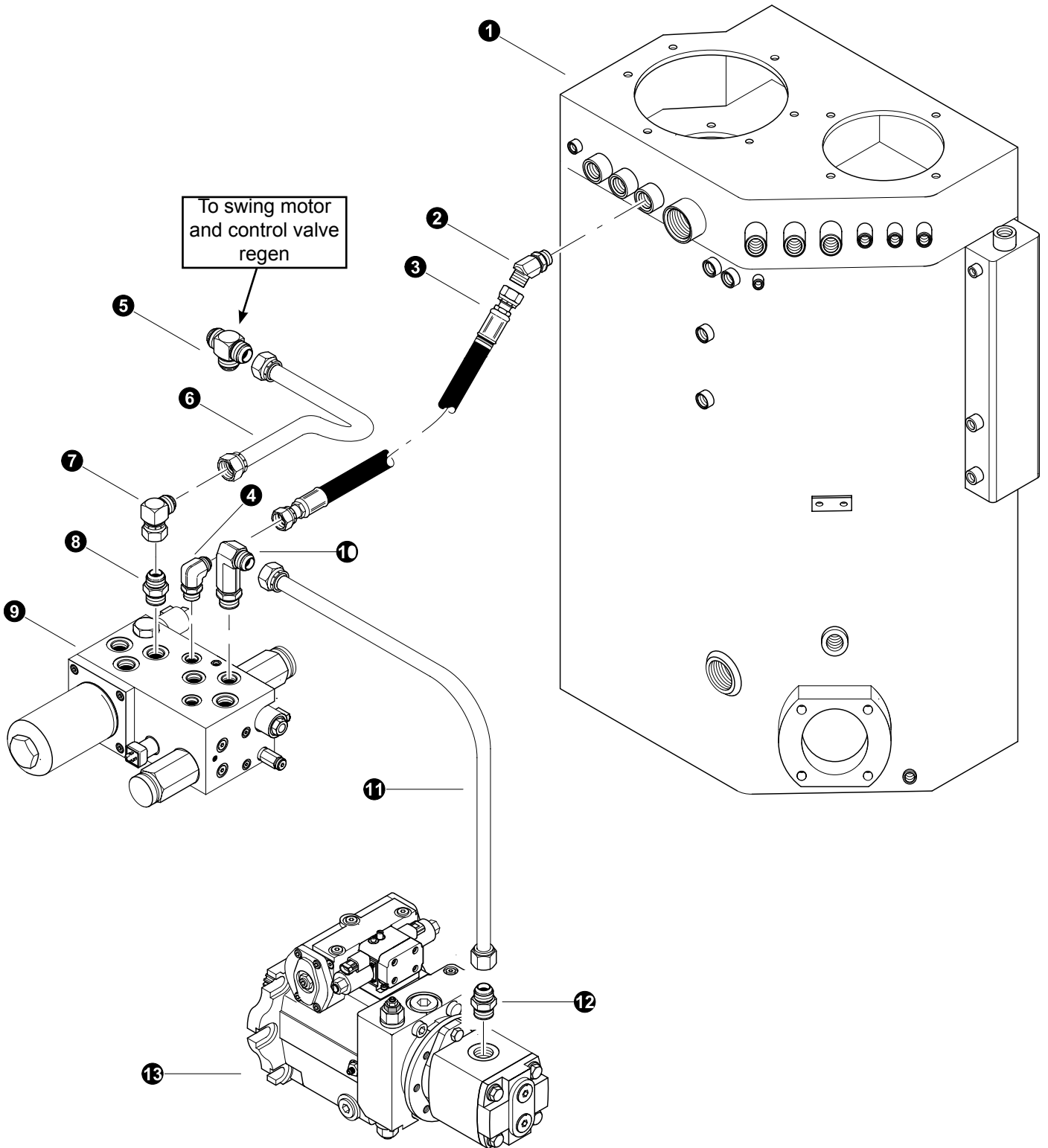


T3728 10/08
18,75

CHARGE PUMP INLET (SUCTION)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
2	51619-DH	1	VALVE, SHUT OFF - BUTTERFLY (4")	
3	23095-DH	4	BOLT, ALLEN HEAD - .625" x 2"	
4	51625-DH	1	 KIT, FLANGE - SUCTION TUBE (4")	
5		1	O-RING - SUCTION TUBE (4")	
6	10721-DH	4	WASHER, LOCK - .625"	
7	15526-DH	4	BOLT - .625" X 2"	
8	52507-DH	1	TUBE, SUCTION 180 DEG 3.0" TRACK MACH	
9	17717-FF	1	CLAMP, STRAP BAND - 4.75"	
10	-DH	1	HOSE ASSEMBLY - 2008-64-0-0	
11	17717-FF	1	CLAMP, STRAP BAND - 4.75"	
12	REF.	1	 WHEEL DRIVE CHARGE PUMP.....	DH-4
13	26317-DH	1	MALE ORB 90 DEGREE HOSE BARB #12	
14	15641-DH	2	CLAMP, strap band - 2"	
15	-DH	1	HOSE ASSEMBLY - 2008-24-0-0	
16	REF.	1	 IMPLEMENT PUMP.....	HH-1

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



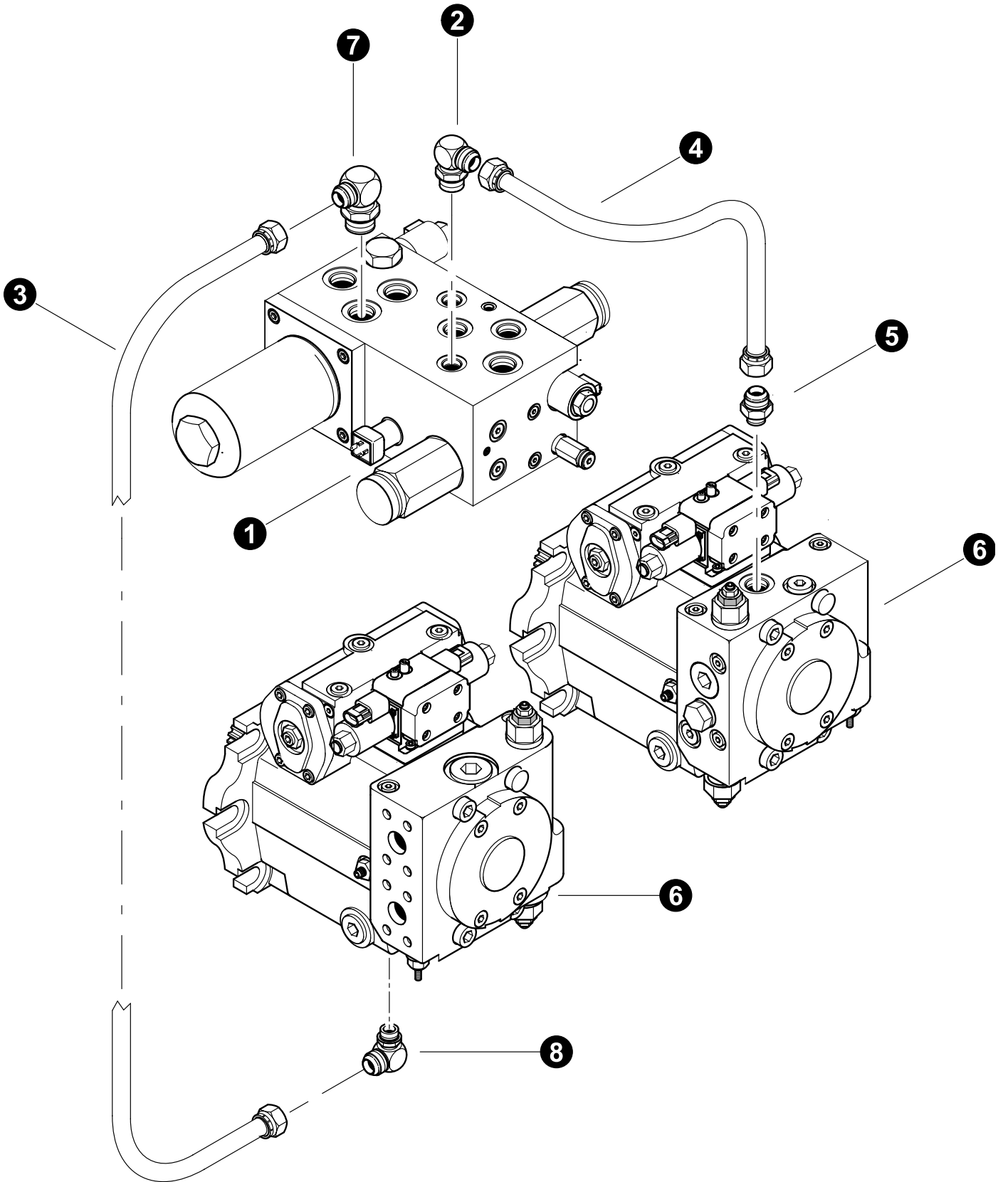
Parts T3415 10/08
18.75

CHARGE CIRCUIT (Pressure, Tank, and Regen)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	19127-DH	1	ELBOW, 45 - FF2068T-1212S	
3	-DH	1	HOSE ASSEMBLY - 2136 12 12OS 1204 (T2 port to Hyd Tank Return)	
4	15484-DH	1	ELBOW, 90 - 16 C5OX-S	
5	52970-DH	1	TEE, UNION - 16 JTXO	
6	53128-DH	1	TUBELINE, CHARGE/FAN MANIFOLD 'T1' PORT	
7	52968-DH	1	ELBOW, 90 - 16 C6XO JIC	
8	15497-DH	1	CONNECTOR, STR - 16 F5OX-S	
9	REF	1	FAN CONTROL MANIFOLD.....	UP-3
10	52971-DH	1	ELBOW, 90 - 16 CC5OX JIC/ORB (LONG)	
11	53129-DH	1	TUBELINE, CHARGE PUMP - Track Machine	
12	15498-DH	1	CONNECTOR, STR - 6400-16-20	
13	REF	1	TRACK DRIVE CHARGE PUMP.....	DH-4


 See referenced page for component or assembly breakdown.

Kit or Assembly - includes all items indented underneath.

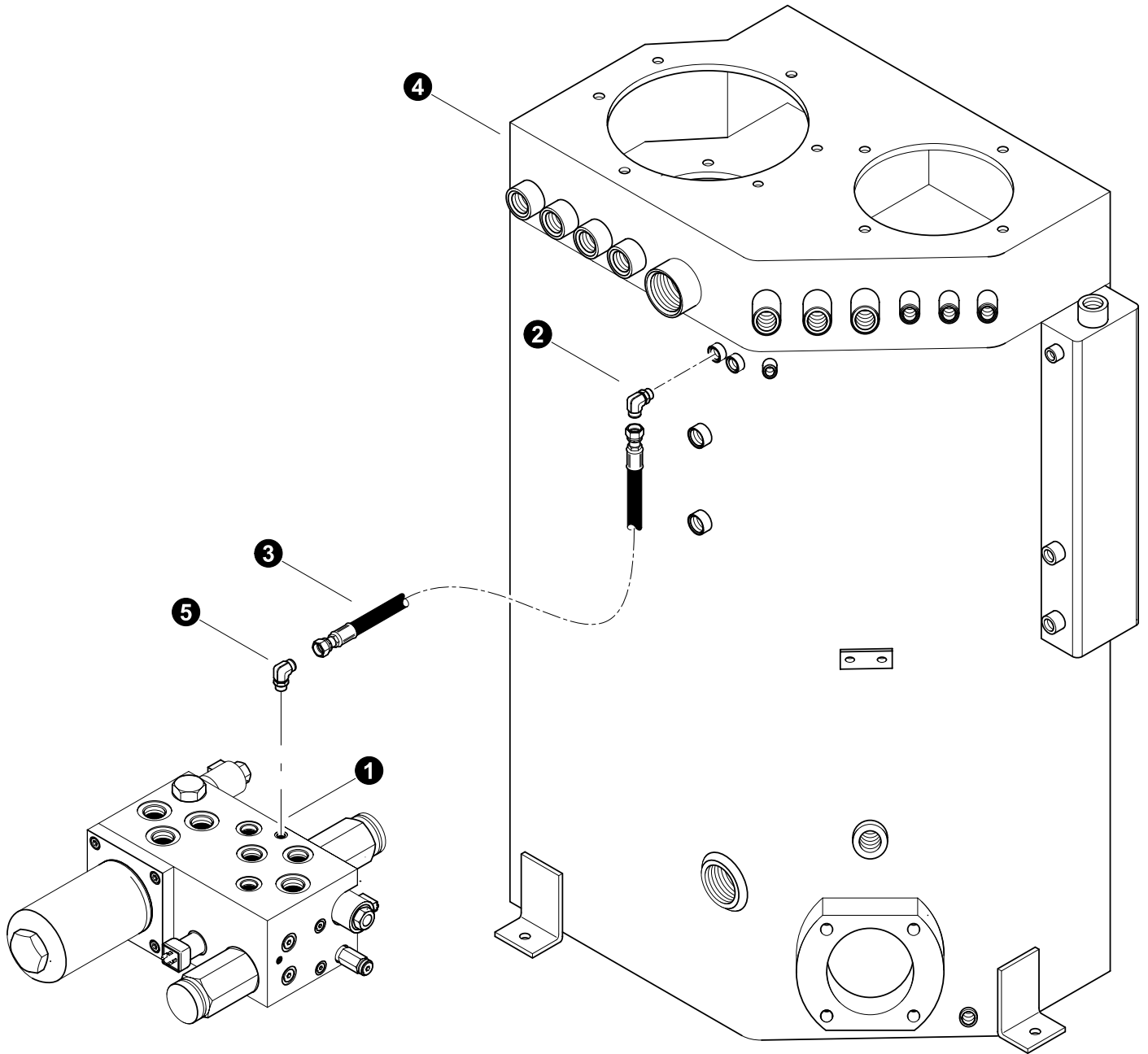


Parts T3727 10/08
18.75

WHEEL DRIVE PUMP CHARGE PRESSURE INLET

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL / CHARGE MANIFOLD	UP-3
2	11306-DH	1	ELBOW, 90 12 C5OX-S	
3	52593-DH	1	TUBELINE, CHARGE (LH PUMP) / F1 MANIFOLD	
4	53594-DH	1	TUBELINE, CHARGE (LH PUMP) / F1 MANIFOLD	
5	15494-DH	1	CONNECTOR, STR - 6400-12-10	
6	REF.	1	 TRACK DRIVE PUMP	DH-4
7	53033-DH	1	ELBOW, 90 - 12 JIC X 16 ORB	
8	53032-DH	1	ELBOW, 90 - 12 JIC X 10 ORB	


 See referenced page for component or assembly breakdown.



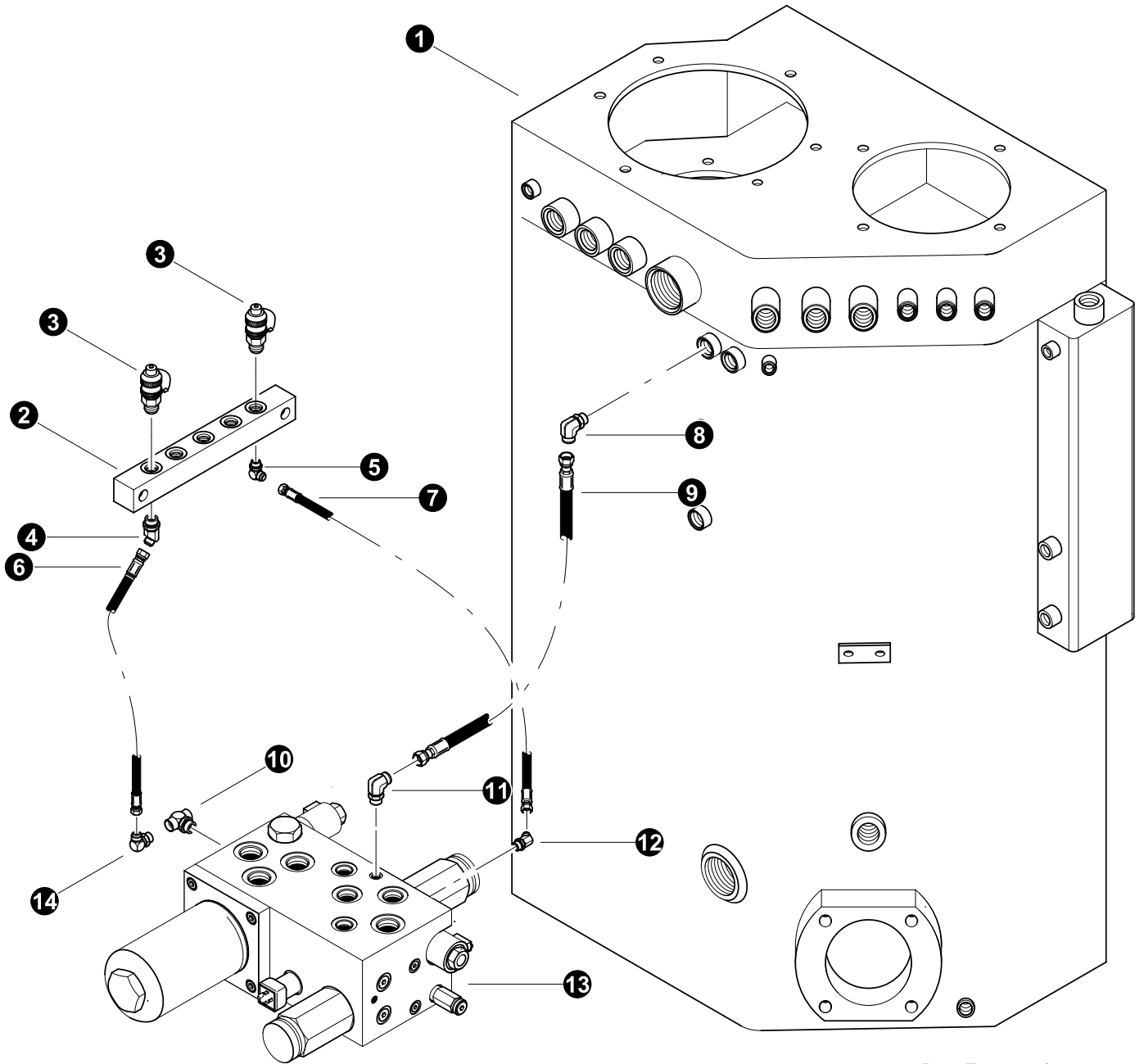
Parts T3625 08/08
18.75

CHARGE FILTER MANIFOLD DRAIN LINE

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FAN CONTROL / CHARGE MANIFOLD	UP-3
2	20031-DH	1	ELBOW, 90 - 6-8 C5OLO-S	
3	-DH	1	HOSE ASSEMBLY - 2026 06 06OS 06OS	
4	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
5	16296-DH	1	ELBOW, 90 - FF1868T-0606S	

 See referenced page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.



Parts T3716 10/08
18.75

CHARGE FILTER MANIFOLD GAUGE PORT LINE

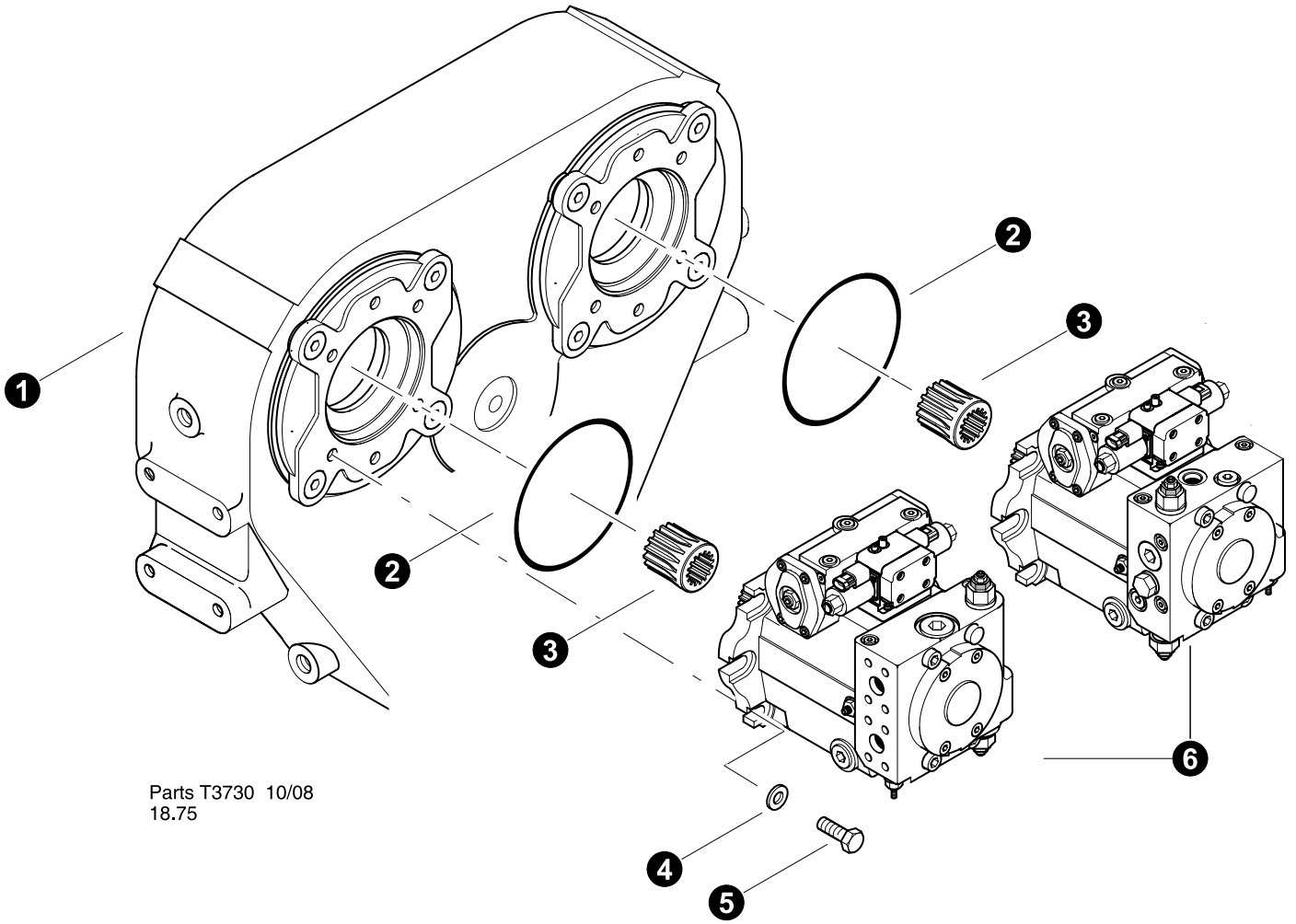
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	HYDRAULIC TANK ASSEMBLY.....	UP-2
2	22287-DH	1	MANIFOLD, PRESSURE CHECK	
3	16037-DH	2	Gauge Tap 1/4" Sae	
4	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
5	51931-DH	1	ELBOW, 90 - 4-6 C50X-S (JIC)	
6	-DH	1	HOSE ASSEMBLY - 2008 02 04JS 04JS	
7	-DH	1	HOSE ASSEMBLY - 2015 02 04JS 04JS	
8	20031-DH	1	ELBOW, 90 - 6-8 C5OLO-S	
9	-DH	1	HOSE ASSEMBLY - 2022 06 06OS 06OS	
10	24293-DH	1	TEE - 4-G5G5JAO-S	
11	16296-DH	1	ELBOW, 90 - FF1868T-0606S	
12	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
13	REF	1	FAN CONTROL MANIFOLD.....	DH-4
14	15480-DH	1	ELBOW, 90 - 6801-6	



See referenced page for component or assembly breakdown.



Section DH-2


Drive Hydraulics - Track Drive Pump Circuit

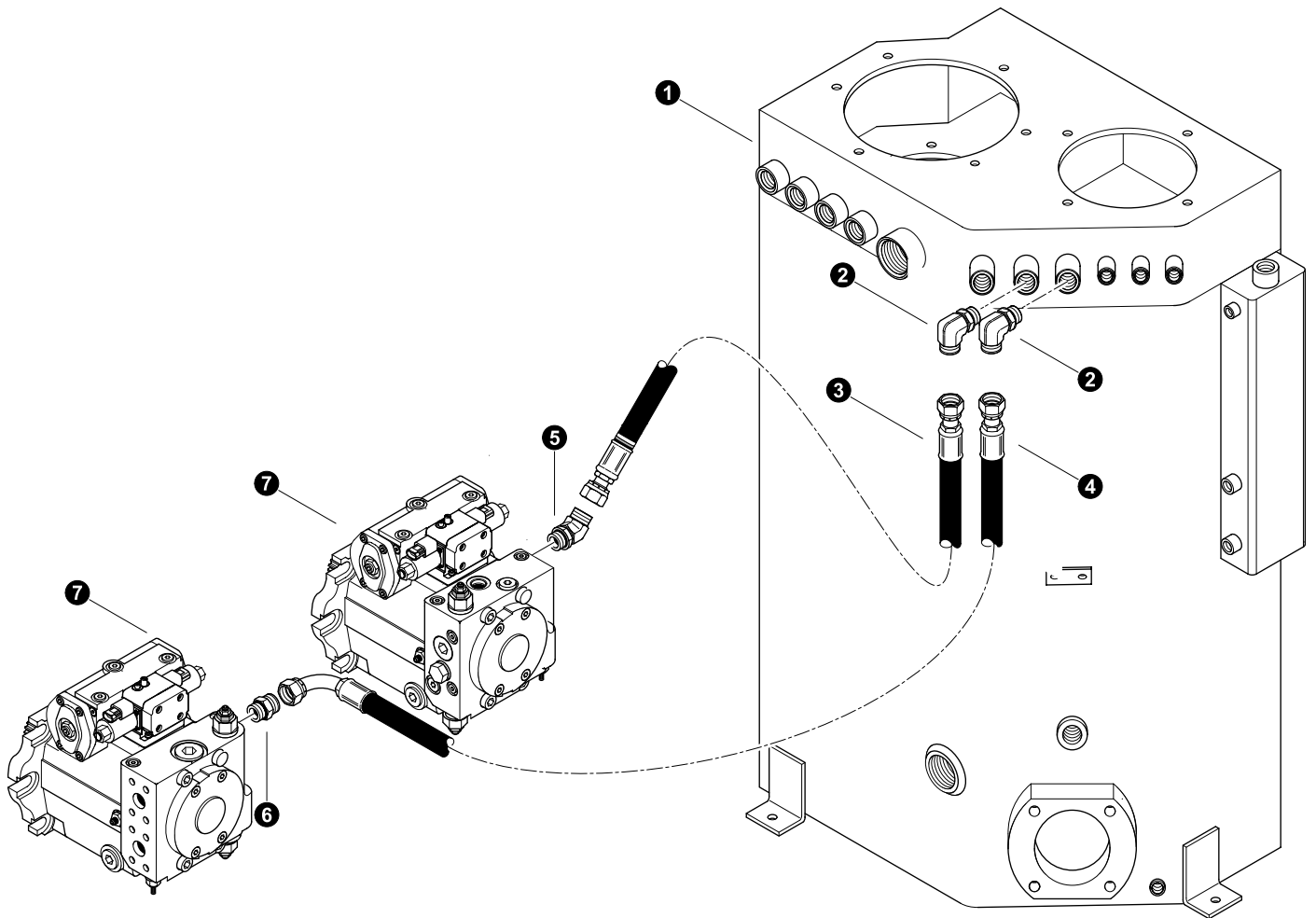


Parts T3730 10/08
18.75

TRACK DRIVE PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 TRANSMISSION tripple pump drive.	EE-4
2	53718-DH	2	ORING, track drive pump pilot	
3	4028056-DH	2	ADAPTER, Sleeve 14 tooth "C"	
4	-DH	4	WASHER,	
5	-DH	2	BOLT -	
6	REF.	1	 TRACK DRIVE PUMP	DH-4



 See referenced page for component or assembly breakdown.



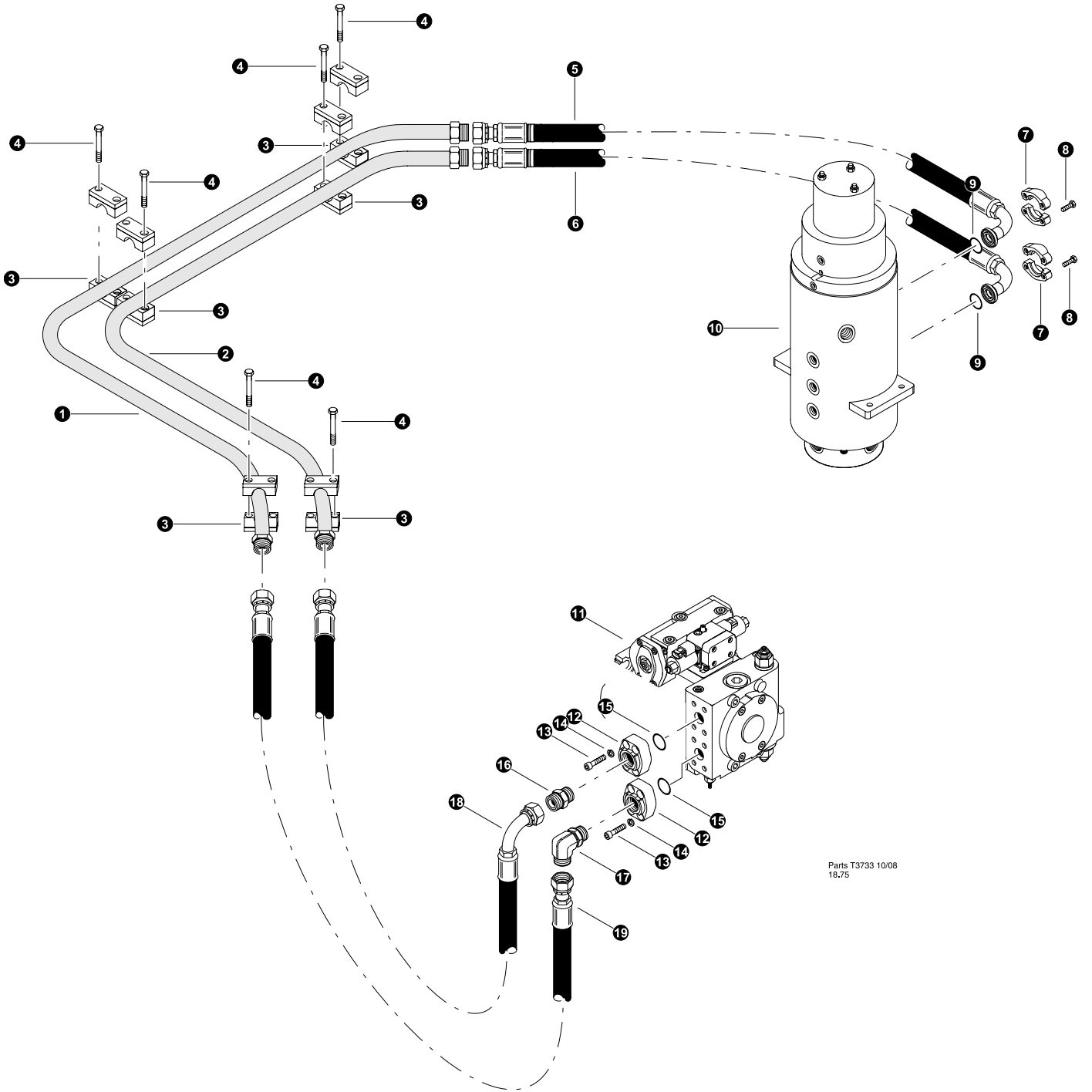
Parts T3731 10/08
18.75

TRACK DRIVE SYSTEM

Case Drain Hose

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 HYDRAULIC TANK ASSEMBLY.....	UP-2
2	17688-DH	2	ELBOW, 90 - FF1868T-1212S	
3	-DH	1	HOSE ASSEMBLY - 2021 12-12OS-12OS Pump Case to Hydraulic Tank	
4	-DH	1	HOSE ASSEMBLY - 2042 12-12OS-12O9 Pump Case to Hydraulic Tank	
5	19127-DH	1	ELBOW, 45 - FF2068T-1212S	
6	15152-DH	1	CONNECTOR, STR - FF1852T-1212S	
7	REF.	1	 TRACK DRIVE PUMP	DH-4

 See referenced page for component or assembly breakdown.



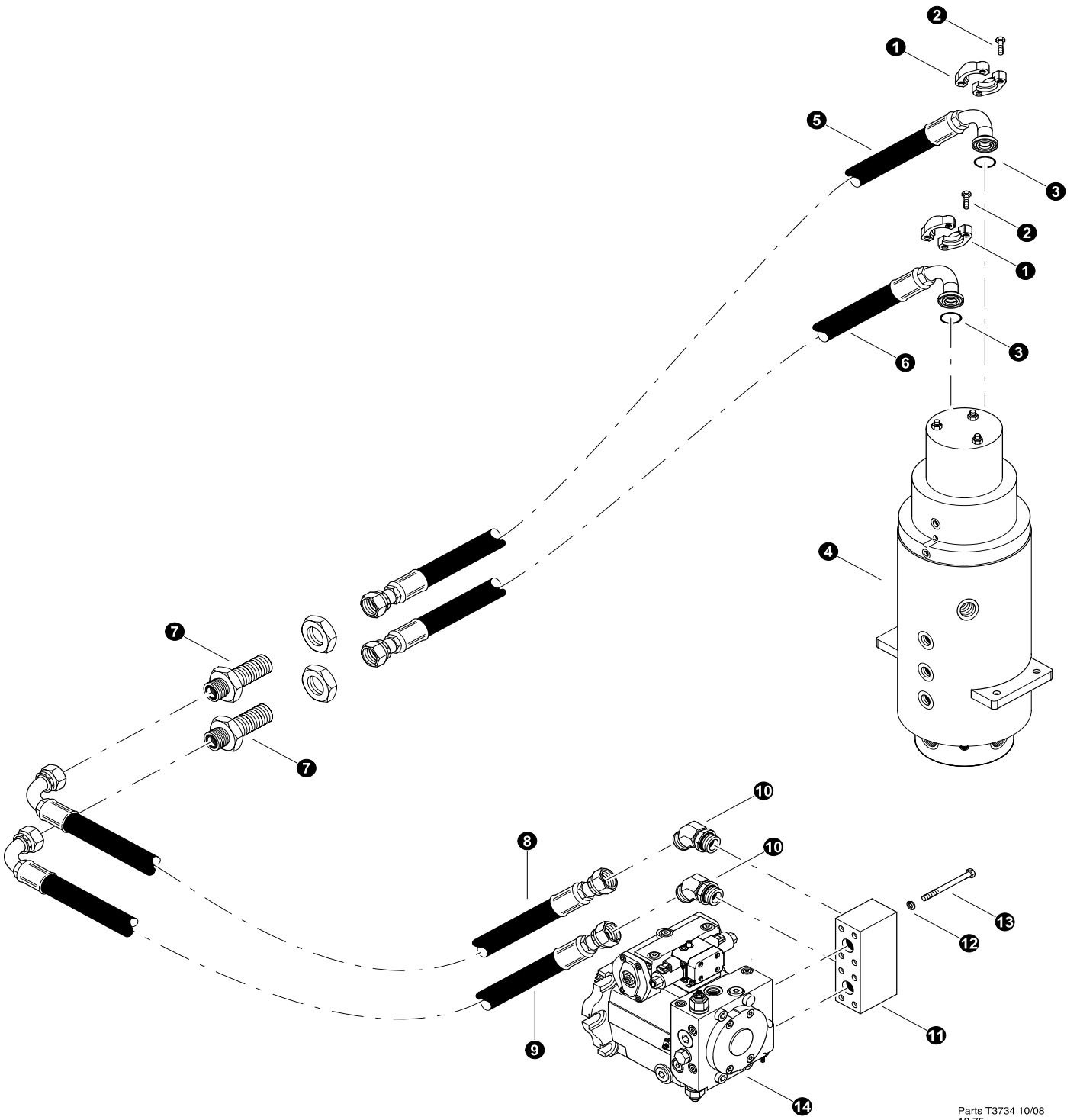
Parts T3733 10/08
18,75

TRACK DRIVE SYSTEM

Left Drive Pump Pressure Connections

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52601-DH	1	TUBELINE, TRACK DRIVE - LH PUMP / TOP	
2	52602-DH	1	TUBELINE, TRACK DRIVE - LH PUMP / BOTTOM	
3	52372-DH	6	☐ CLAMP, STEEL TUBELINES (TRACK DRIVE)	
4	16365-DH	12	BOLT - .375" X 2.75"	
5	-DH	1	HOSE ASSEMBLY - 6022.5 16-16OS-16PH9 Outside to RM 11	
6	-DH	1	HOSE ASSEMBLY - 6020 16-16OS-16PH9 Inside to RM 9	
7	15113-DH	2	KIT, SPLIT FLANGE - 1" (CODE 62)	
8	15551-DH	8	BOLT - 12MM-1.75P X 40MM	
9	15377-DH	2	O-RING - 1" SF (CODE 61/62)	
10	REF.	1	📖 ROTORY MANIFOLD	UP-1
11	REF.	1	📖 TRACK DRIVE PUMP	DH-4
12	18397-DH	2	☐ CONNECTOR, FLANGE PAD - W48-16-16U(C 62)	
13	-DH	8	BOLT,	
14	-DH	8	WASHER, lock	
15	-DH	2	O-RING - 1" SF (CODE 61/62)	
16	15225-DH	1	CONNECTOR, STR - FF1852T-1616S	
17	15228-DH	1	ELBOW, 90 - FF1868T-1616S	
18	-DH	1	HOSE ASSEMBLY - 6048 16-16OS-16O9 TRACK Drive Pump Top	
19	-DH	1	HOSE ASSEMBLY - 6044 16-16OS-16OS TRACK Drive Pump Bottom	



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





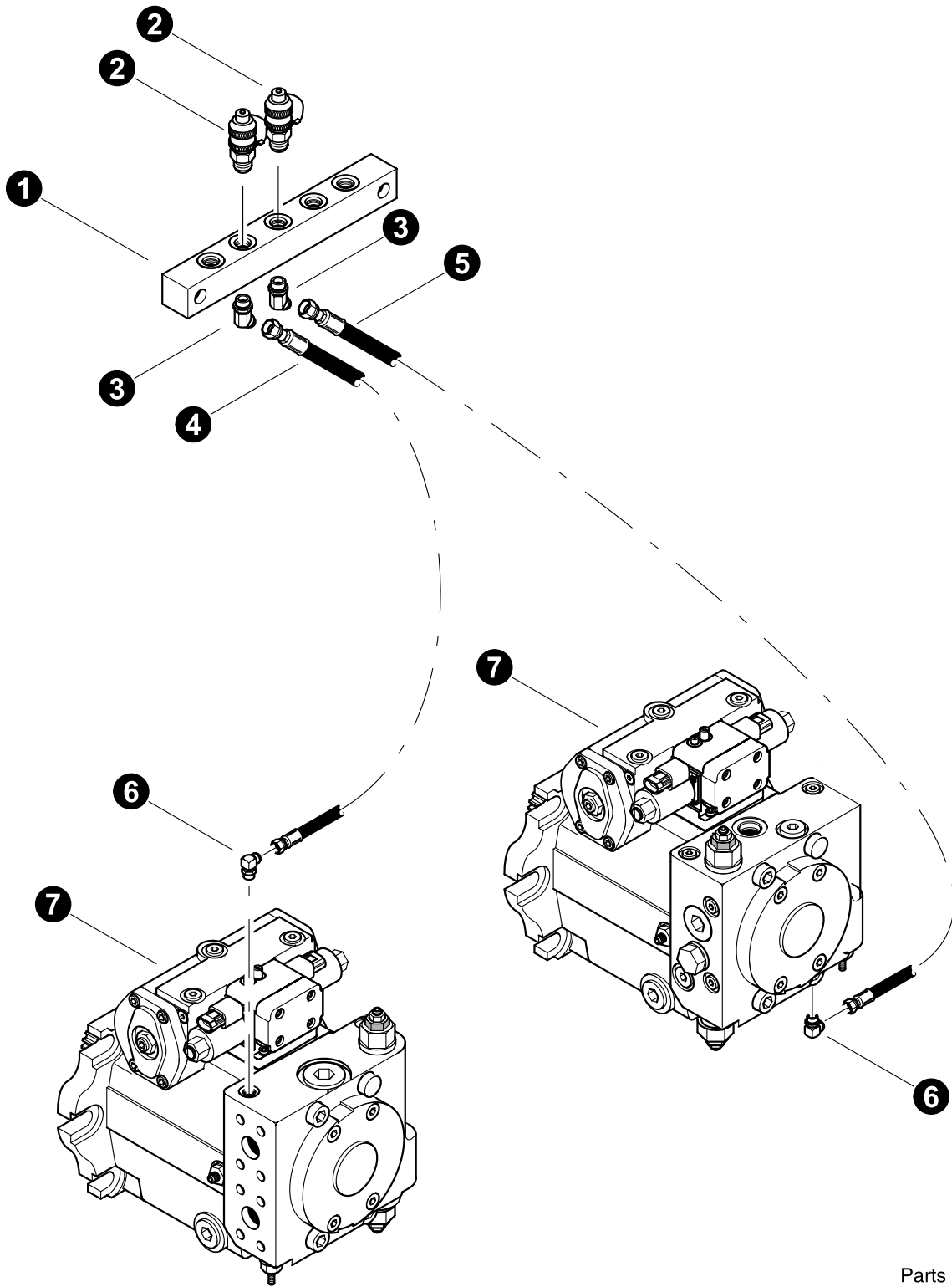
Parts T3734 10/08
18.75

TRACK DRIVE SYSTEM

Right Drive Pump Pressure Connections


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15113-DH	2	KIT, SPLIT FLANGE - 1" (CODE 62)	
2	15551-DH	8	BOLT - 12MM-1.75P X 40MM	
3	15377-DH	2	O-RING - 1" SF (CODE 61/62)	
4	REF.	1	 ROTORY MANIFOLD	UP-1
5	-DH	1	HOSE ASSEMBLY - 6032 16-16OS-16PH9 Top to RM 11	
6	-DH	1	HOSE ASSEMBLY - 6031.5 16-16OS-16PH9 Bottom to RM 9	
7	20033-DH	2	CONNECTOR, STR BULKHEAD - 832-TT-16	
8	-DH	1	HOSE ASSEMBLY - 6044.5 16-16OS-16O9 TRACK Drive Pump Top	
9	-DH	1	HOSE ASSEMBLY - 6043 16-16OS-16O9 TRACK Drive Pump Bottom	
10	16460-DH	2	ELBOW, 45 - FF2068T-1616S	
11	53646-DH	1	MANIFOLD, TRACK DRIVE - HYDRO PUMP	
12	10796-DH	8	WASHER, LOCK - .4375"	
13	53717-DH	8	BOLT - .4375 X 6.5"	
14	REF.	1	 TRACK DRIVE PUMP	DH-4

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



Parts T3732 10/08
18.75

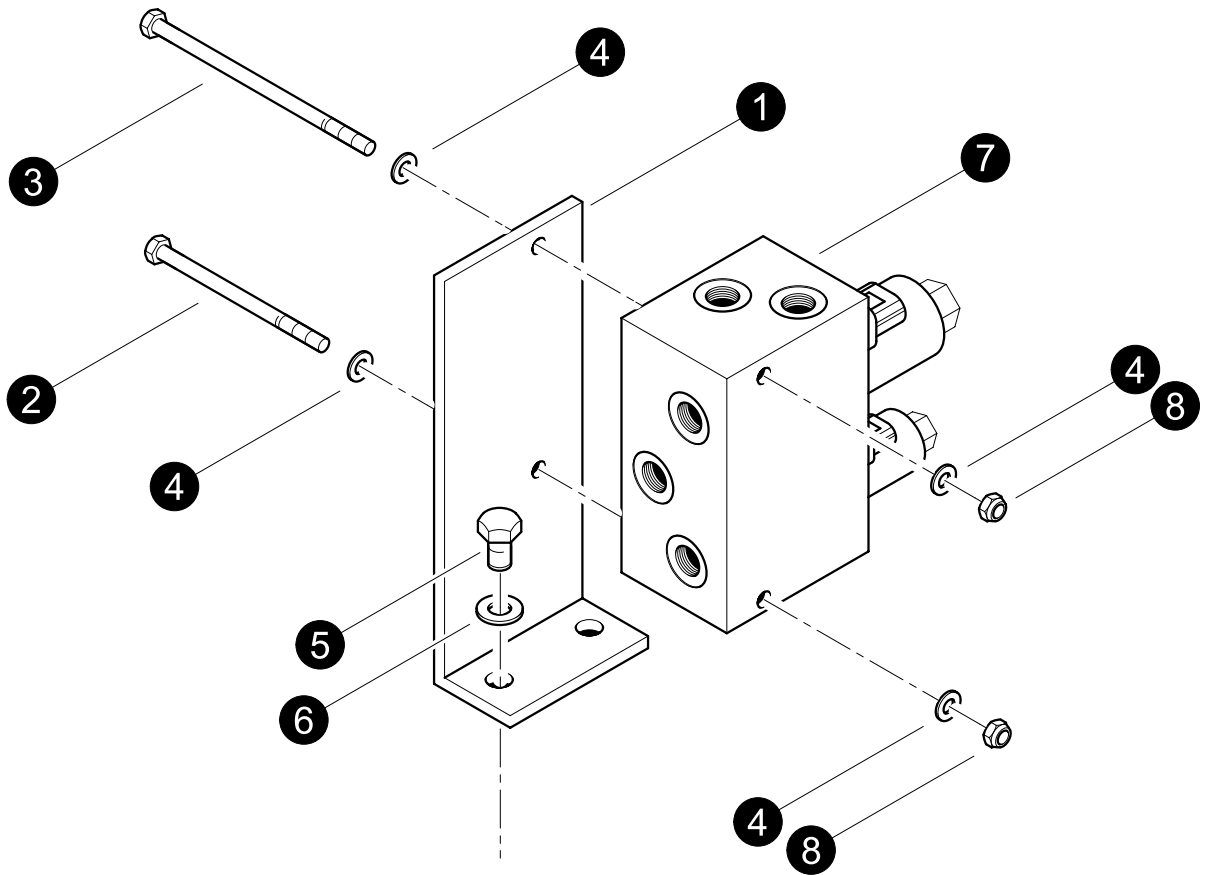
TRACK DRIVE PUMP GAUGE PORTS

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	16037-DH	1	TAP, gauge port (1/4" ORB)	
2	22287-DH	1	MANIFOLD, PRESSURE CHECK	
3	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
4	-DH	1	HOSE ASSEMBLY - 2043-02-04JS-04JS (LEFT TRACK Drive Pump gauge port to pressure check manifold) Part of kit #53141	
5	-DH	1	HOSE ASSEMBLY - 2032-02-04JS-04JS (RIGHT TRACK Drive Pump gauge port to pressure check manifold) Part of kit #53141	
6	51889-DH	1	ELBOW, 90 - (4C50X-S)	
7	REF.	1	 TRACK Drive Pump	DH-4

 See referenced page for component or assembly breakdown.

Section DH-3

Drive Hydraulics - Motor Shift, Parking Brake, and Flushing



Parts T3750 11/08
25.00

**Motor Shift, Parking Brake, and Flushing Circuits
(Brake / Shift Manifold Mounting)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52546-DH	1	BRACKET, SAW STOP VALVE MOUNT T/M	
2	10818-DH	1	BOLT - .25" X 3"	
3	50076-DH	1	BOLT - .25" X 5"	
4	10757-DH	10	WASHER, SAE FLAT - .25"	
5	15542-DH	2	BOLT - .375" X .75"	
6	15528-DH	2	WASHER, SAE FLAT - .375"	
7	REF	1	MANIFOLD, BRAKE / SHIFT W/FLUSH TRACK.....	DH-3
8	10811-DH	2	NUT, LOCK - .25"	



See referenced page for component breakdown.



Kit or Assembly - includes all items indented underneath.





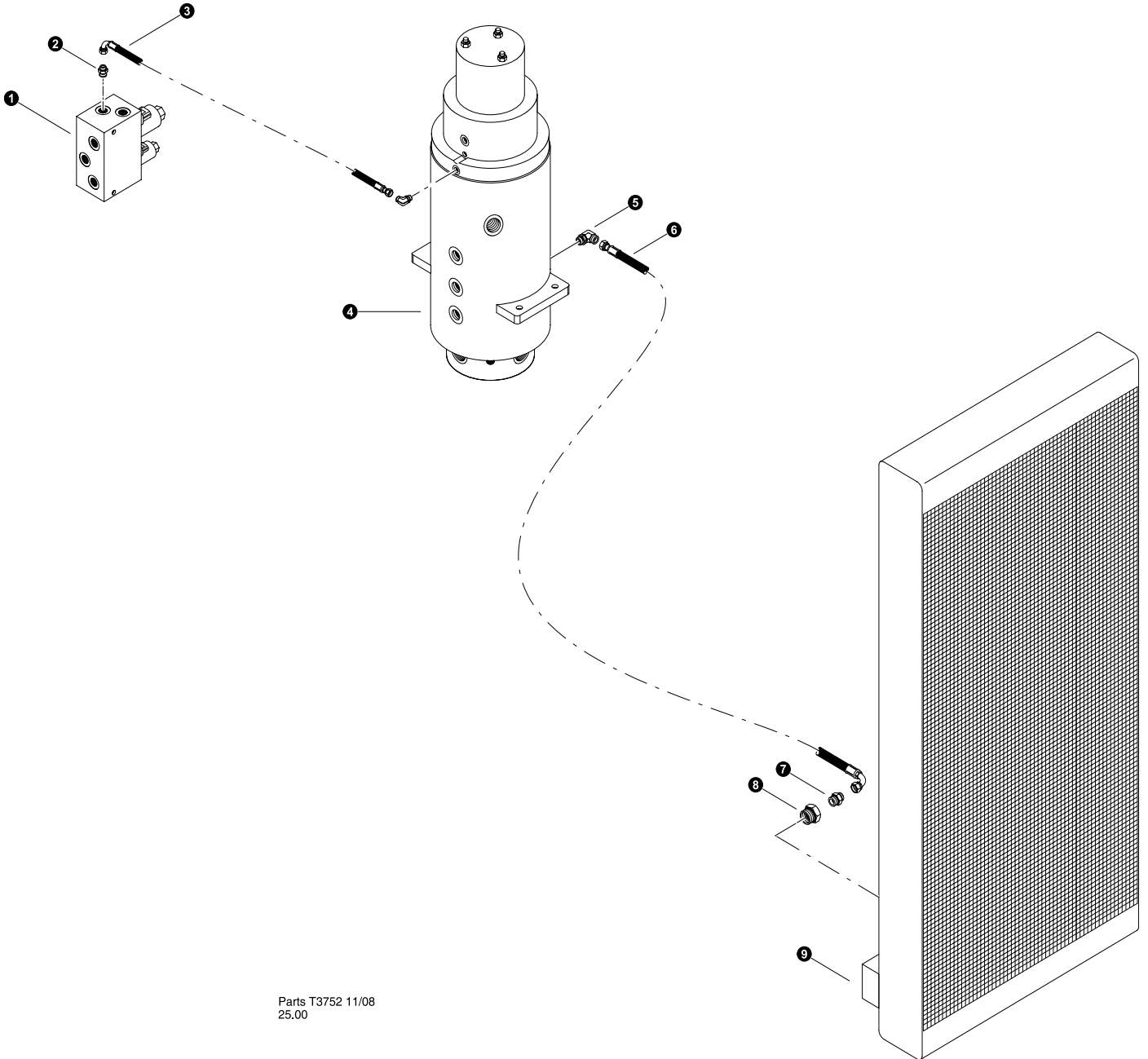
Parts T3751 11/08
18.75

Motor Shift, Parking Brake, and Flushing Circuits

(BRAKE / SHIFT MANIFOLD - PRESSURE AND TANK)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	MANIFOLD, BRAKE / SHIFT W/FLUSH TRACK.....	DH-3
2	16296-DH	1	ELBOW, 90 - FF1868T-0606S	
3	-DH	1	HOSE ASSEMBLY - 2034-06-06OS-06O4 (swing motor break release tee to Parking Brake / Motor Shift manifold P1)	
4	REF	1	SWING MOTOR ASSEMBLY.....	FH-3
5	52900-DH	1	SWIVEL, NUT BRANCH TEE #6	
6	53124-DH	1	FITTING, MALE CONNECTOR ISO 6149	
7	-DH	1	HOSE ASSEMBLY - 2068-06-06OS-06O4 (swing motor break release tee to Charge Manifold G1)	
8	16541-DH	1	CONNECTOR, STR - FF1852T-0404S	
9	24293-DH	1	TEE - 4-G5G5JAO-S	
10	REF.	1	 CHARGE VALVE / FILTER ASSEMBLY.....	DH-3
11	52450-DH	1	MANIFOLD, CASE DRAIN (3) #8 PORTS	
12	16360-DH	1	ELBOW, 90 - FF1868T-0808S	
13	-DH	1	HOSE ASSEMBLY - 2051-06-0609-08FJ (Parking Brake / Motor Shift manifold T1 to drain manifold tube)	

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



Parts T3752 11/08
25.00

Motor Shift, Parking Brake, and Flushing Circuits (MOTOR FLUSHING RETURN)

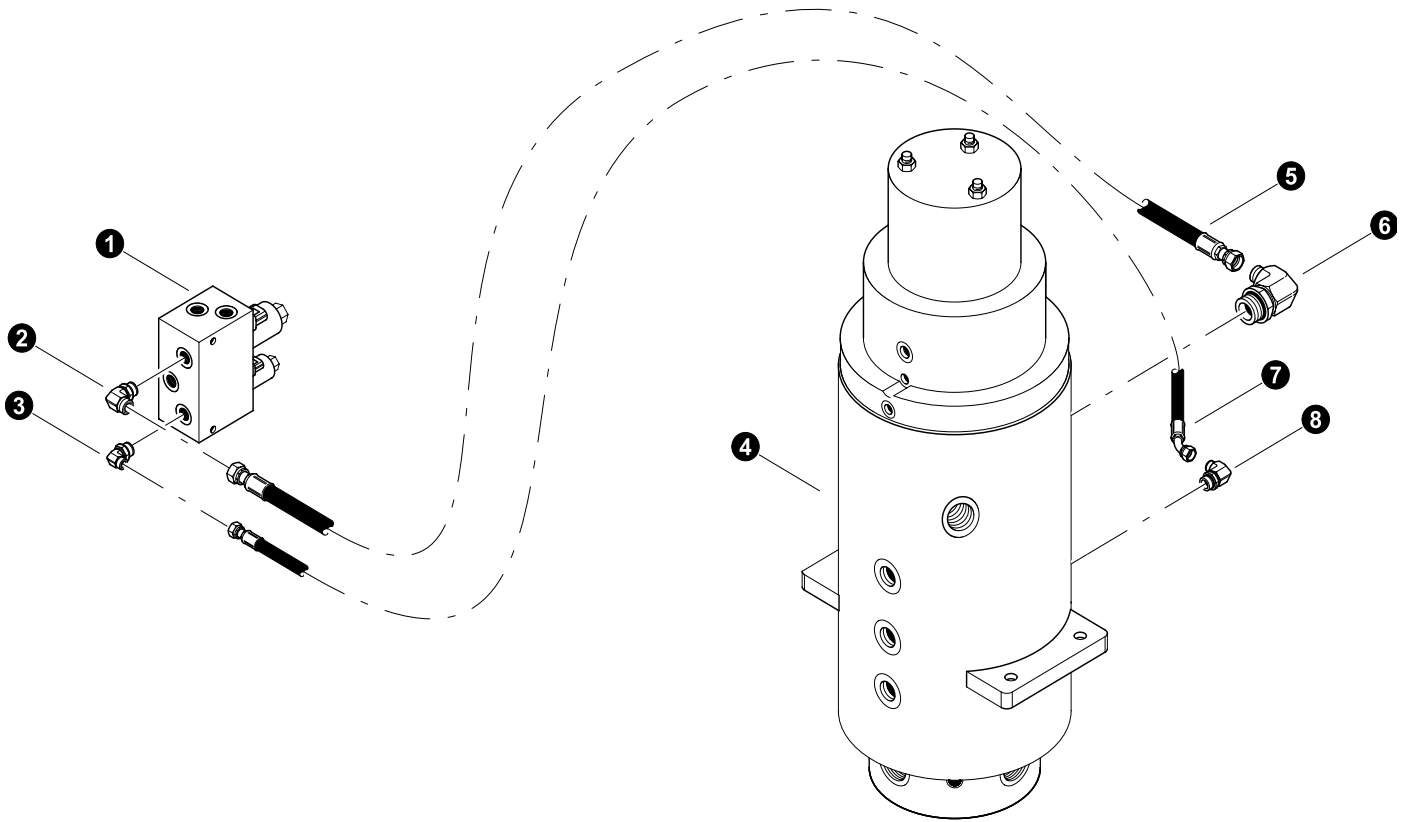
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	MANIFOLD, BRAKE / SHIFT W/FLUSH TRACK.....	DH-3
2	15124-DH	1	CONNECTOR, STR - FF1852T-0406S	
3	-DH	1	HOSE ASSEMBLY - 2030-04-040S-0409 (Brake / Shift manifold tank port to rotary manifold drain port)	
4	16540-DH	1	ELBOW, 90 - FF1868T-0404S	
5	16296-DH	1	ELBOW, 90 - FF1868T-0606S	
6	-DH	1	HOSE ASSEMBLY - 2068-06-060S-0609 (Rotary manifold #1 to motor flushing return port on oil cooler)	
7	22902-HH	1	CONNECTOR, STR - 848-TT-08X06	
8	20067-HH	1	BUSHING, REDUCER - 6410-12-8	
9	REF.	1	 OIL COOLER	UP-3



See referenced page for component breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3753 11/08
25.00

Motor Shift, Parking Brake, and Flushing Circuits (Parking Brake and Motor Shift Connections)

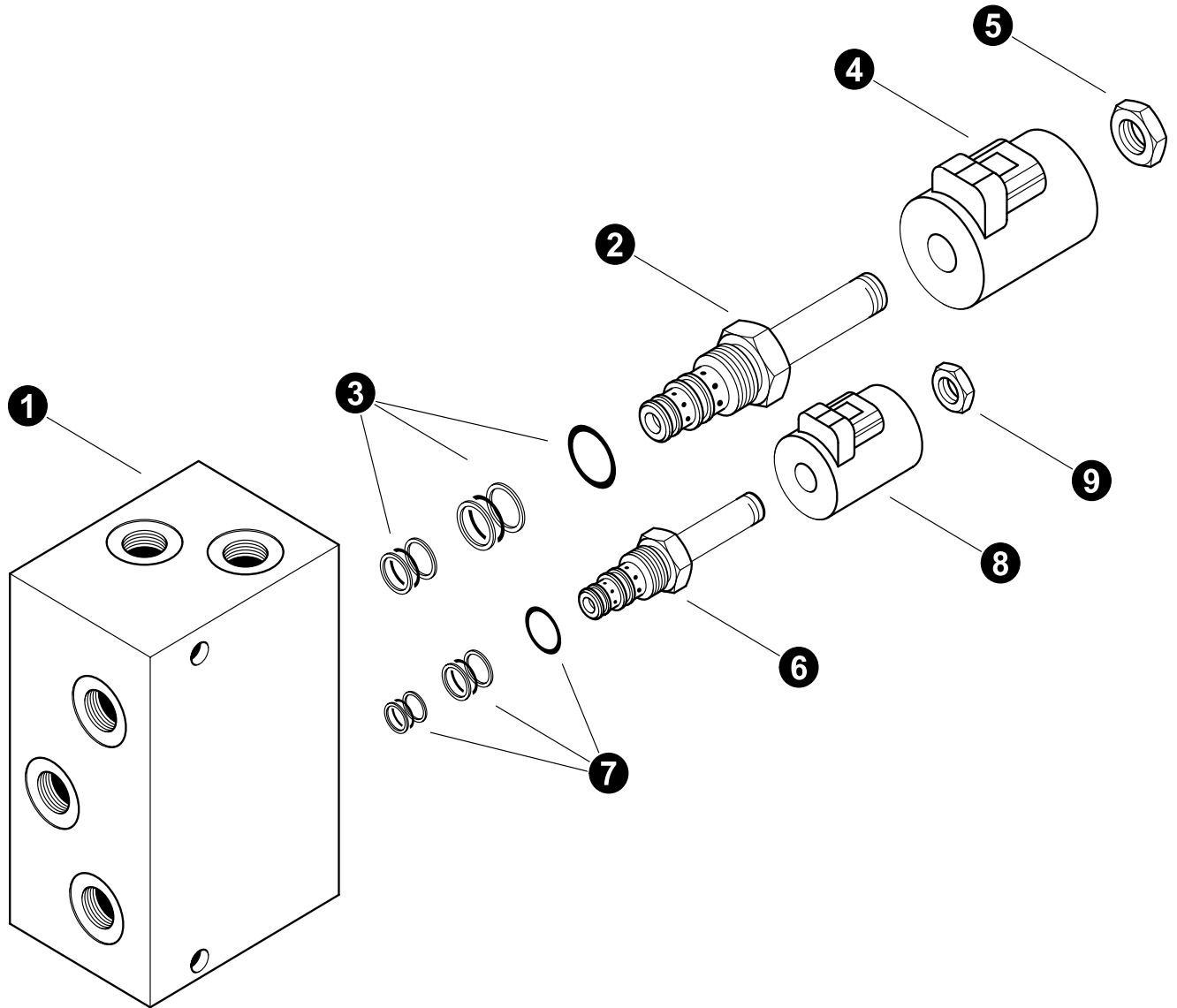
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	MANIFOLD, BRAKE / SHIFT W/FLUSH TRACK.....	DH-3
2	16296-DH	1	ELBOW, 90 - FF1868T-0606S	
3	15133-DH	1	ELBOW, 90 - FF1868T-0406S	
4	REF	1	ROTARY MANIFOLD	UP-1
5	-DH	1	HOSE ASSEMBLY - 2027-06-060S-060S (Rotary manifold #7 to BR port on parking brake motor shift manifold)	
6	53604-DH	1	FITTING, ELBOW - 90DEG FF6801-06-12	
7	-DH	1	HOSE ASSEMBLY - 2068-06-060S-0609 (Rotary manifold #3 to MS port on parking brake motor shift manifold)	
8	15133-DH	1	ELBOW, 90 - FF1868T-0406S	



See referenced page for component breakdown.



Kit or Assembly - includes all items indented underneath.



Parts T3754 11/08
50

Motor Shift, Parking Brake, and Flushing Circuits (Brake / Shift Manifold Breakdown)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52581-DH	1	MANIFOLD, BRAKE / SHIFT W/FLUSH TRACK	
2	53733-DH	1	VALVE, SOLENOID - Parking Brake - TM	
3	53735-DH	1	KIT, seal - parking brake solenoid (SK10-3X-MM)	
4	53736-DH	1	COIL, (4304124)	
5	-DH	1	NUT, (7004400)	
6	53734-DH	1	VALVE, SOLENOID - Motor Shift - TM	
7	52228-DH	1	KIT, seal - parking brake solenoid (SK08-3X-MM)	
8	53737-DH	1	COIL, (4304024)	
9	-DH	1	NUT, (7004400)	



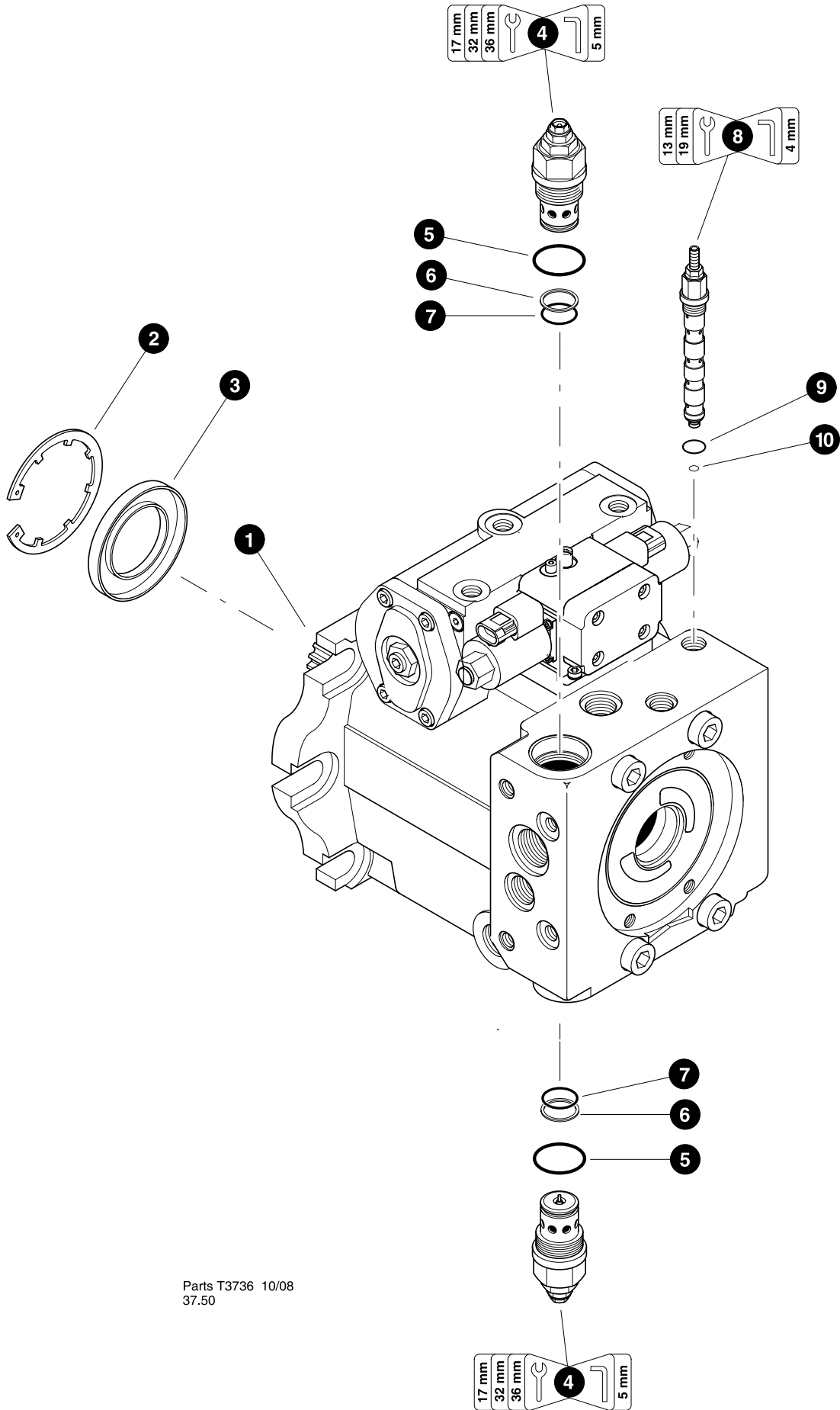
See referenced page for component breakdown.



Kit or Assembly - includes all items indented underneath.

Section DH-4

Drive Hydraulics - Drive System Components



TRACK DRIVE PUMP - AA4VG90 (Forward Cast Housing Components)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	26623-DH	1	☐	PUMP, TRACK DRIVE (NON-Thru drive Left Hand)	
	52540-DH	1	☐	PUMP, TRACK DRIVE (Left Hand) - B/B Thru drive (for Disc Saw Pump)	
	52539-DH	1	☐	PUMP, TRACK DRIVE (Right Hand) W/BB THRU (for Charge Pump)	
2	53726-DH	1		RING, seal retaining (R902600001)	
3	53727-DH	1	⌘	SEAL, shaft (R909830978)	
4	53724-DH	2	☐	CARTRIDGE, high pressure relief valve R902602249	
5	-DH	1	⌘	O-RING, HPRV cartridge (Body)	
6	-DH	1	⌘	RING, back-up - HPRV cartridge (Chamber)	
7	-DH	1	⌘	O-RING, HPRV cartridge (Chamber)	
8	53725-DH	1	☐	CARTRIDGE, POR relief valve R909437084	
9	-DH	1	⌘	O-RING, POR relief valve cartridge (Body)	
10	-DH	1	⌘	O-RING, POR relief valve cartridge (Chamber)	
-	53640-DH	1		KIT, SEAL REPAIR -TRACK DRIVE PUMP-VTG90	

Note:

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



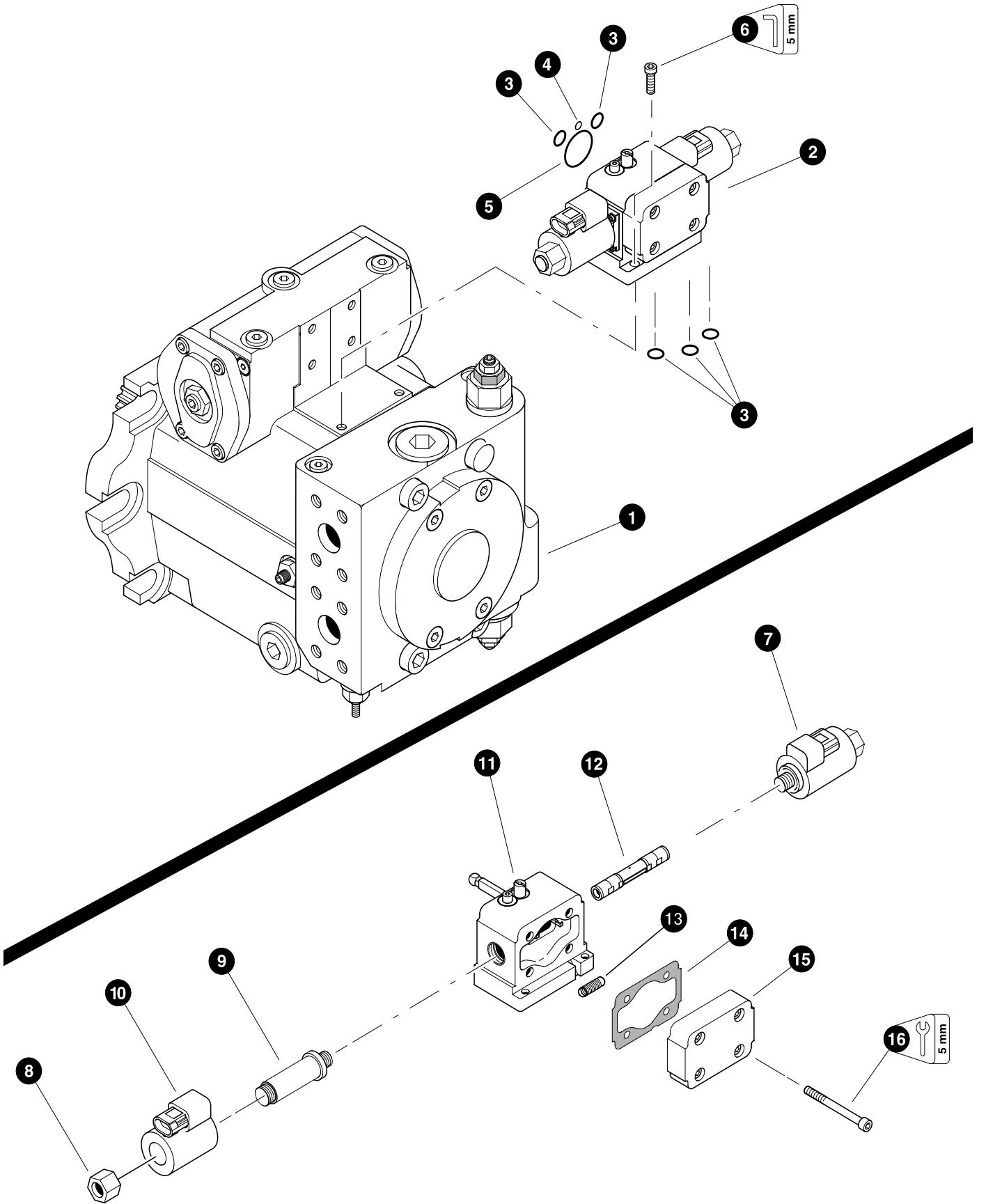
See referenced page for component breakdown.









Kit or Assembly - includes all items indented underneath.



Included in seal repair kit Part # 53640-WD






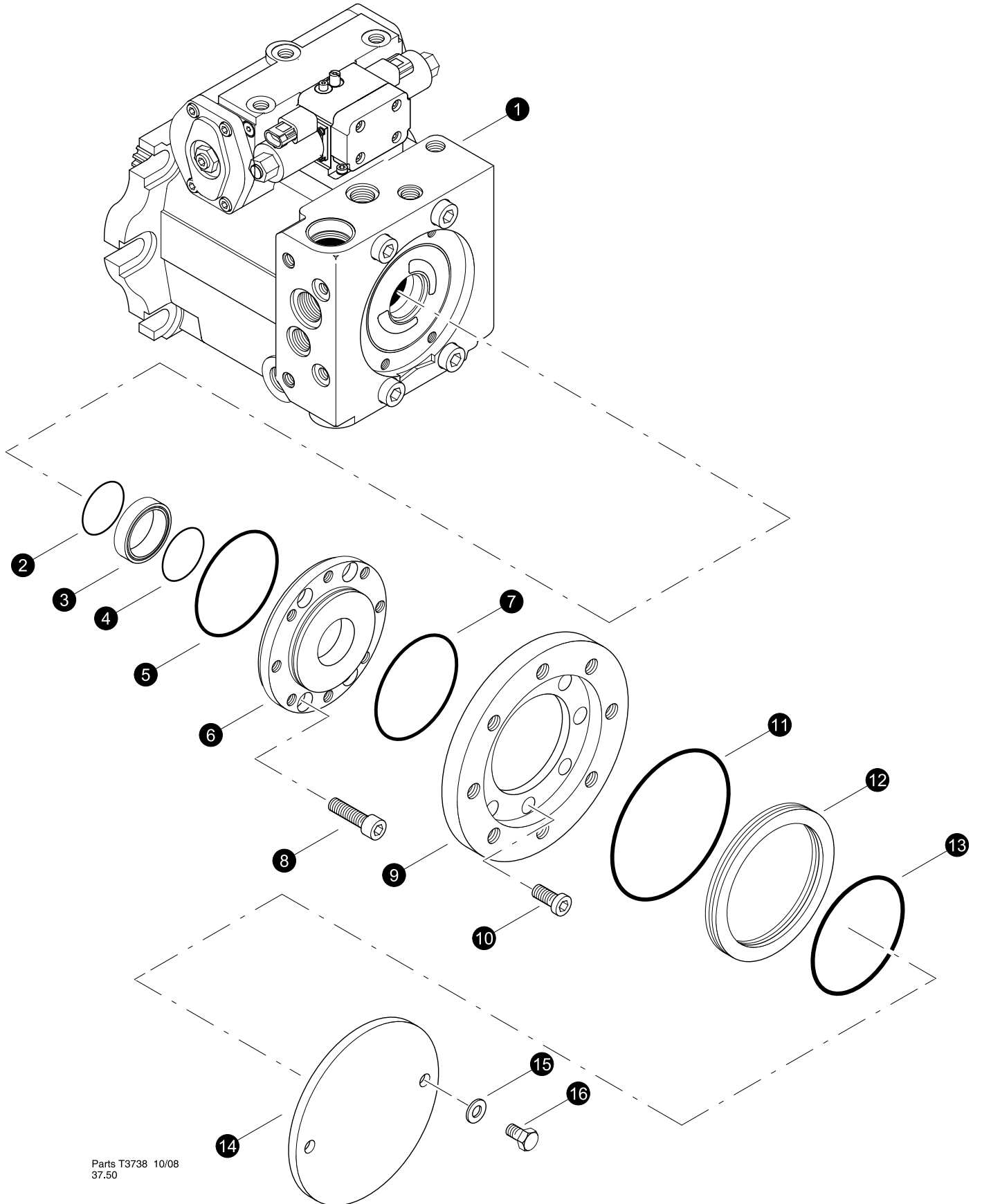
TRACK DRIVE PUMP - AA4VG90 (Stroke Control Assembly)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		TRACK DRIVE PUMP -	DH-4-1
2	53729-DH	1		VALVE, STROKE CONTROL - AA4VG90 24V	
3	-DH	5		O-RING, stroke control	
4	-DH	1		O-RING, stroke control	
5	-DH	1		O-RING, stroke control	
6	-DH	2		BOLT, allen head - 6mm x 20mm	
7	53730-DH	2		SOLENOID, CONTROL Assembly - AA4VG90	
8	-DH	2		NUT, coil stem	
9	-DH	2		COIL STEM	
10	-DH	2		COIL, solenoid - 24V	
11	-DH	1		CONTROL MODULE - AA4VG90 24V (R902106746)	
12	-DH	1		CONTROL PISTON (R902107090)	
13	-DH	1		SPRING, stroke centering (R902068150)	
14	-DH	1		GASKET, (R902066611)	
15	-DH	1		COVER, (R902107492)	
16	-DH	4		BOLT, allen head - 6mm (R909085831)	
-	53640-DH	1		KIT, SEAL REPAIR -TRACK DRIVE PUMP-VTG90	

Note:

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

-  See referenced page for component breakdown.
-  Kit or Assembly - includes all items indented underneath.
-  Included in seal repair kit Part # 53640-WD



Parts T3738 10/08
37.50

TRACK DRIVE PUMP - AA4VG90 (Thru Drive Components)

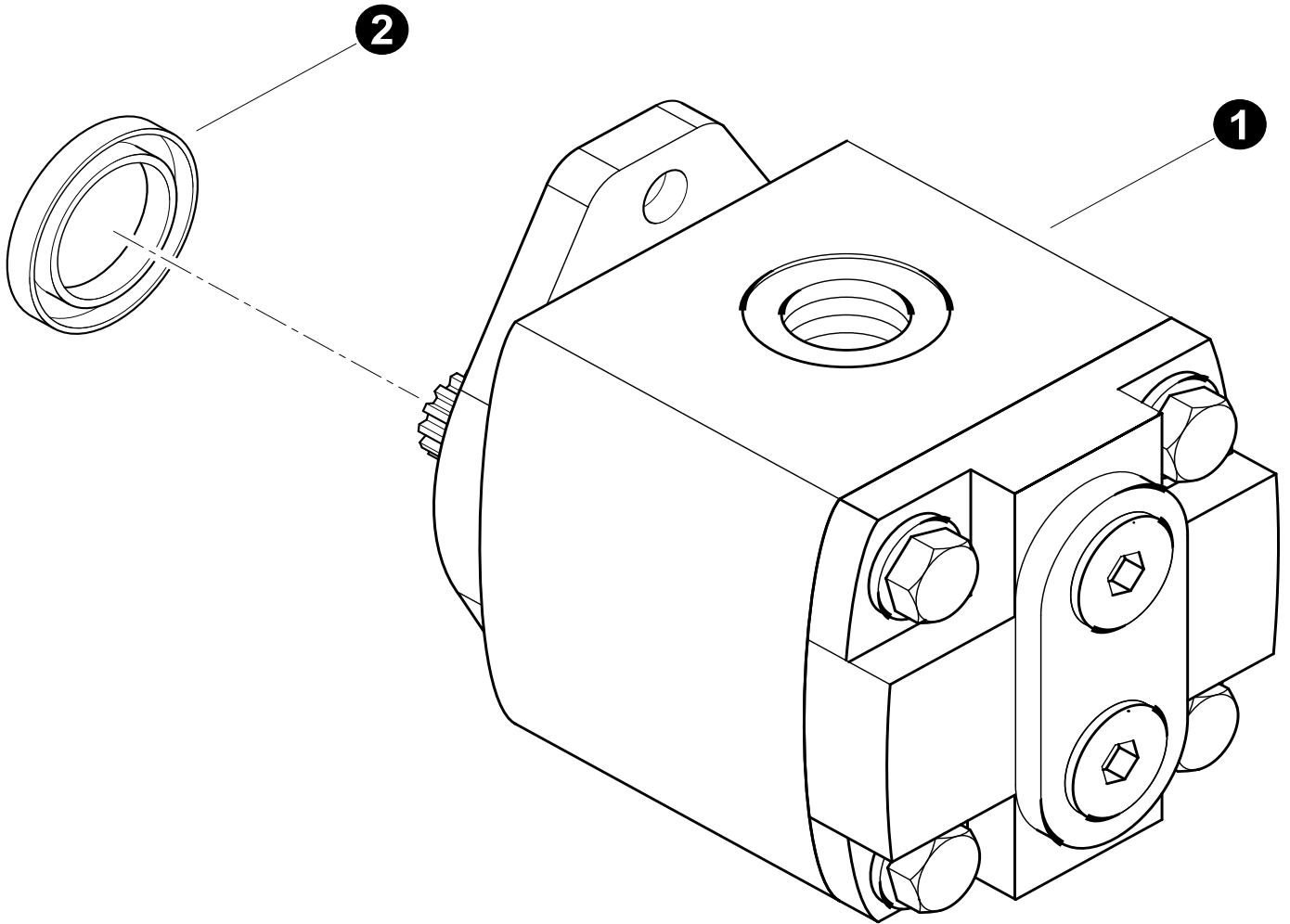
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	1		TRACK DRIVE PUMP -	DH-4-1
2	R909084484	1		O-Ring	
3	R9094430651	1		SEAL RING	
4	R909084484	1		O-Ring	
5	R909086679	1		O-Ring	
6	R902077958	1		COVER, Pump AA4VG90	
7	R909085360	1		O-Ring	
8	R909083060	4		Bolt,	
9	R909444589	1		FLANGE, Intermediate	
10	R909083189	6		Bolt	
11	R909085363	1		O-Ring	
12	R909431554	1		RING, Centering	
13	R909154589	1		O-Ring	
14	18414-DH	1		COVER, THRU DRIVE - REXROTH	
15	18040-DH	2		WASHER, flat - .5"	
16	10783-DH	2		BOLT - .5" X 1"	
-	53640-DH	1		KIT, SEAL REPAIR -TRACK DRIVE PUMP-VTG90	

R909830978

Note:

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

- See referenced page for component breakdown.
- Kit or Assembly - includes all items indented underneath.
- Included in seal repair kit Part # 53640-WD

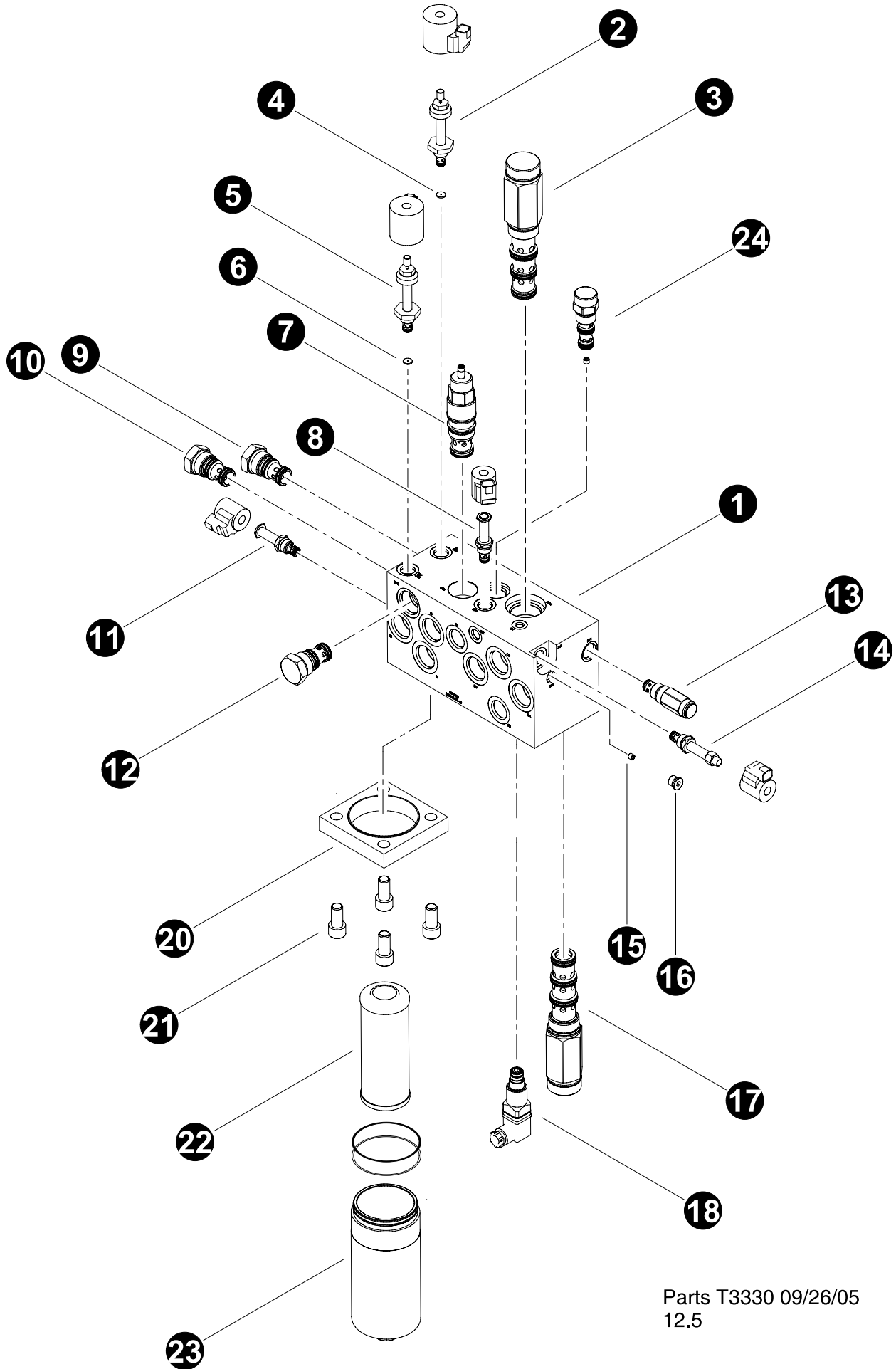


Parts T3739 10/08
50.00

Charge Pump Breakdown

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52566-DH	1	<input type="checkbox"/> PUMP, CHARGE TRACK MACHINE	
2	-DH	1	SEAL, shaft (R98640012P)	

Kit or Assembly - includes all items indented underneath.



Parts T3330 09/26/05
12.5

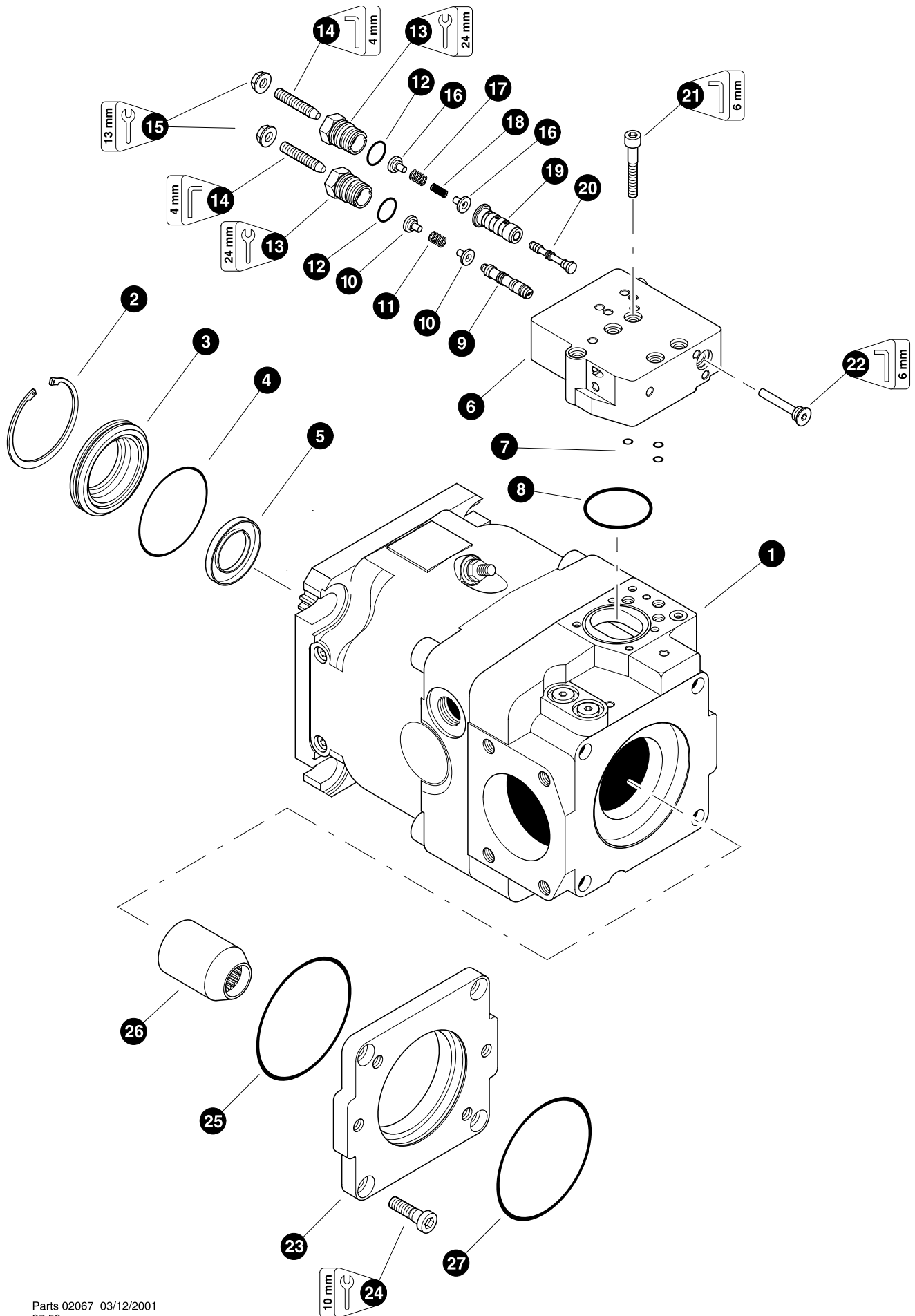
Fan / Charge System Control Valve Breakdown

(Used on Serial Number 0129 and Up)

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

Section FH-1

Feller Buncher Hydraulics - Implement Pump and Control Valve



Parts 02067 03/12/2001
37.50

IMPLEMENT PUMP (Rexroth 145cc)

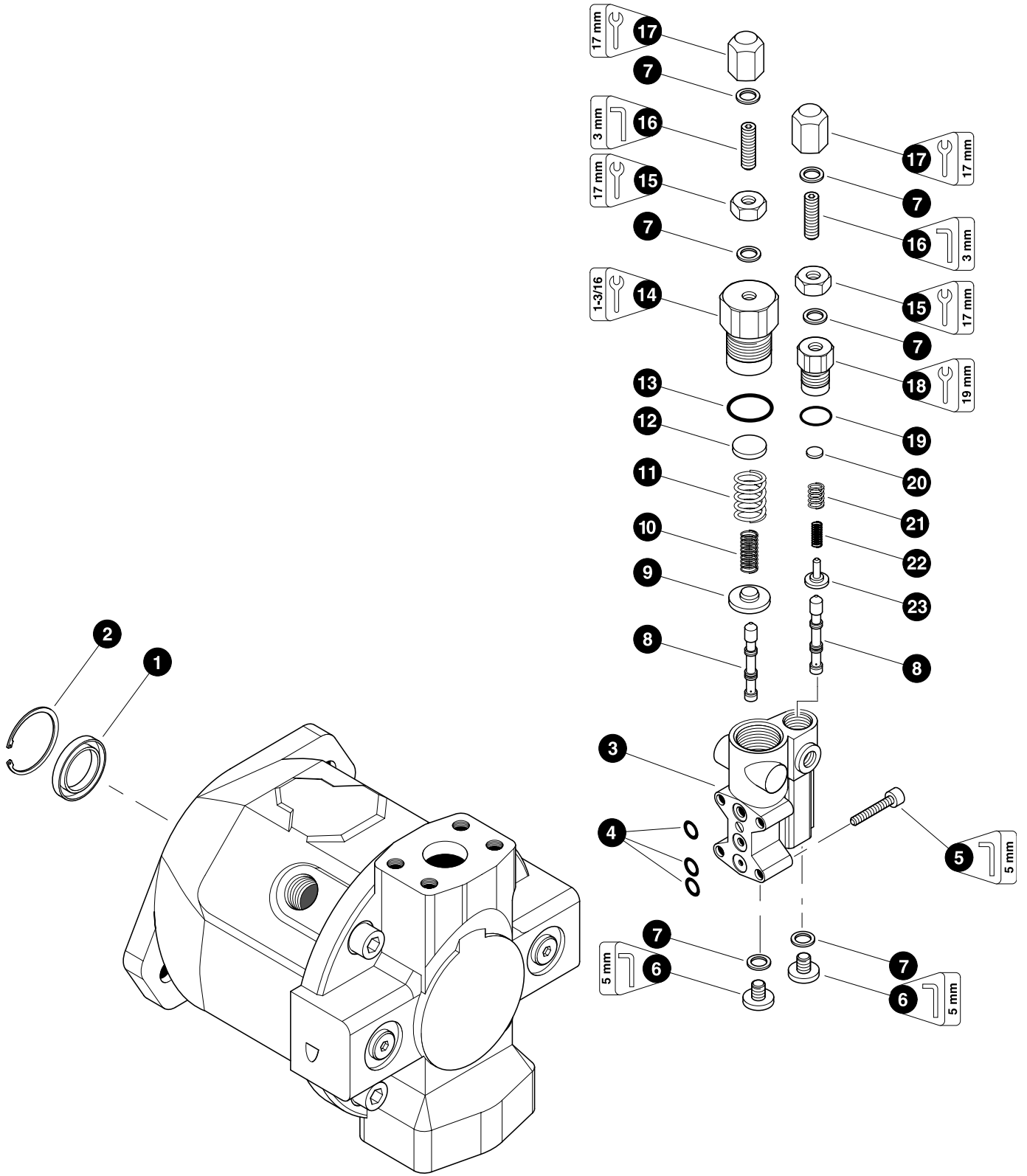
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	24505-FH	1	☐	PUMP, implement - Rexroth 145cc	
2	21546-FH	1		RING, seal retaining	
3	21547-FH	1		COVER, front	
4	21548-FH	1	⌘	O-RING, front cover	
5	18687-FH	1	⌘	SEAL, shaft	
6	18681-FH	1	☐	COMPENSATOR	
7	20809-FH	3	⌘	O-RING, quad	
8	20808-FH	1	⌘	O-RING, compensator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

☐ Kit or Assembly - includes all items indented underneath.

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

Note:

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

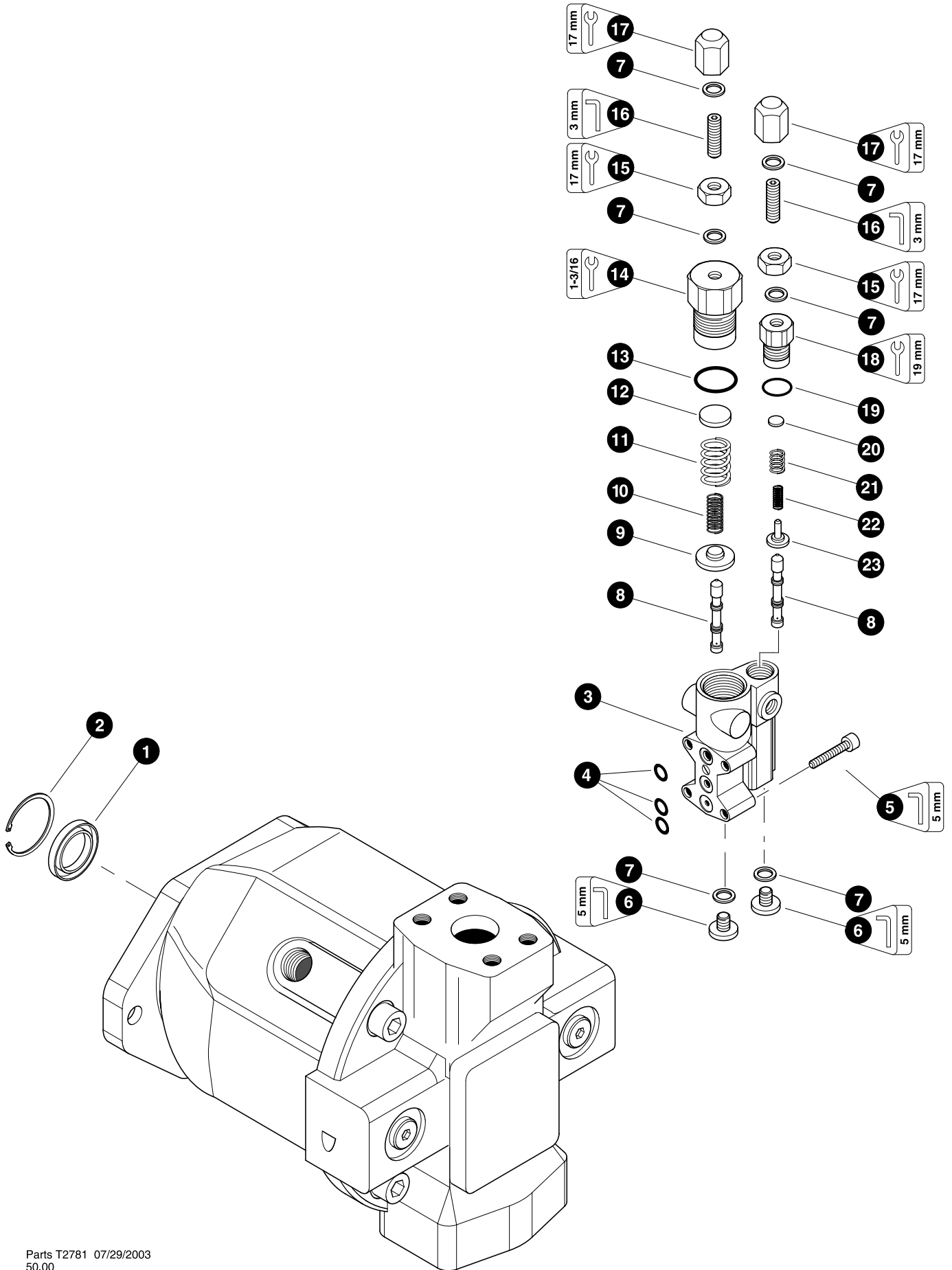


Parts 00867 01/01/2001
50.00

AUX - DISC SAW PUMP (45 cc)

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

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



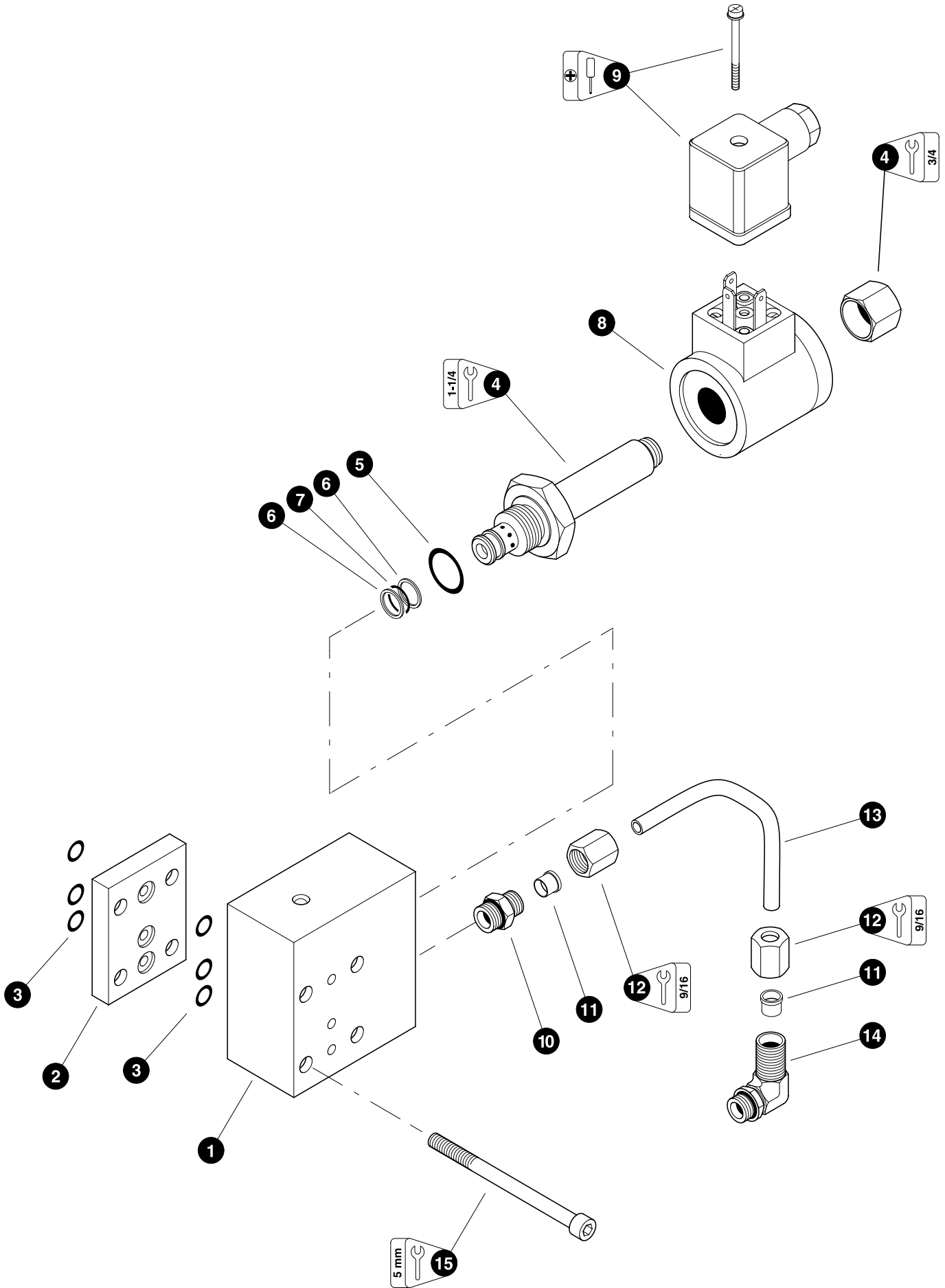
Parts T2781 07/29/2003
50.00

AUX - BRUSH PUMP (71 cc)

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

☐ Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit Part # 16712-OD.



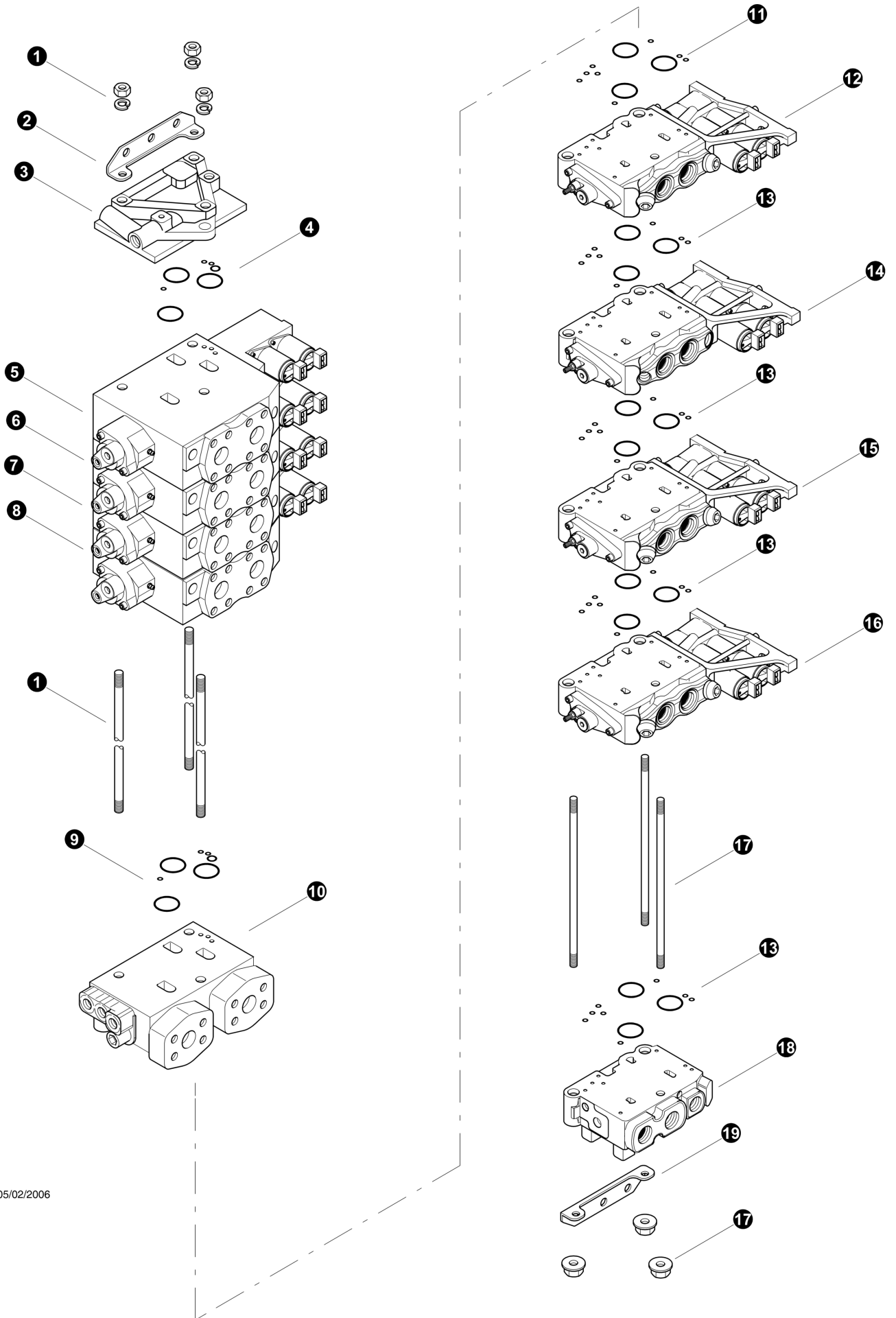
Parts 01325 01/01/2001
75.00

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

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

☐ Kit or Assembly - includes all items indented underneath.










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




Parts T3467 05/02/2006
25.00

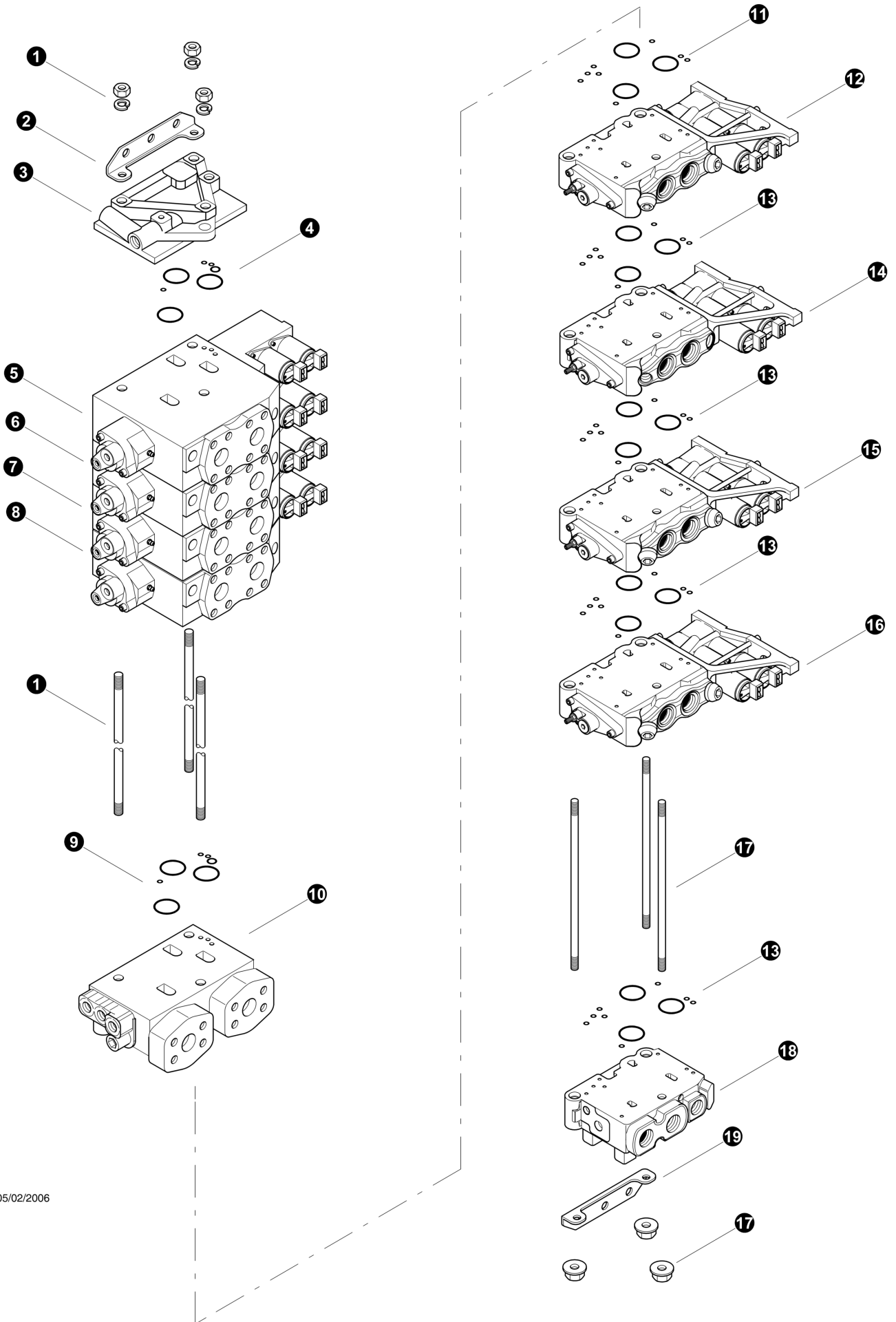
MAIN CONTROL VALVE
(Fixed Harvester - 725B - 735B)

TN725B-0025-041309 and Before

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

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










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





Parts T3467 05/02/2006
25.00

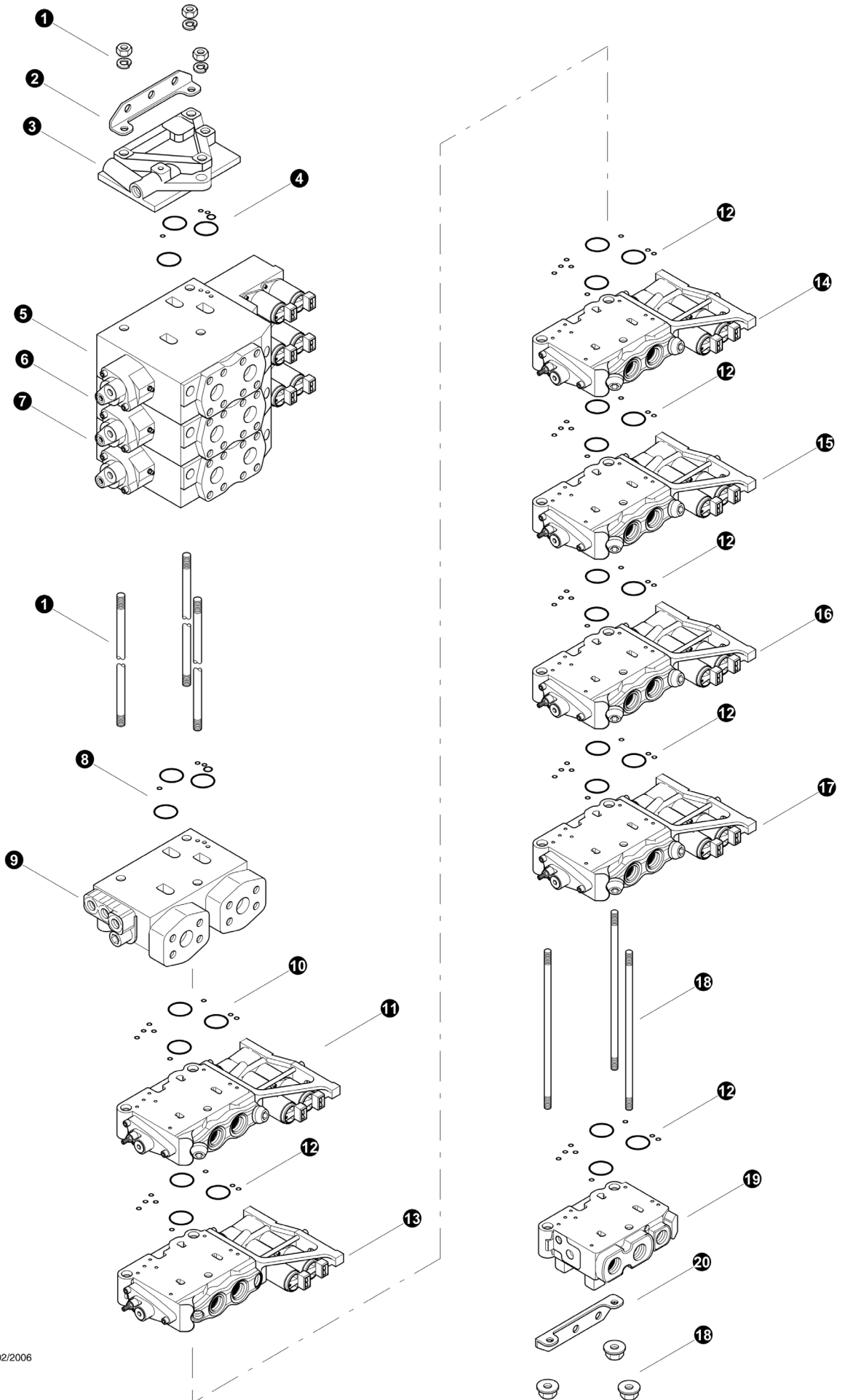
MAIN CONTROL VALVE
(Fixed Harvester - 725B - 735B)

TL725B-0026-051909 and after

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

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











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Parts T3468 05/02/2006
25.00

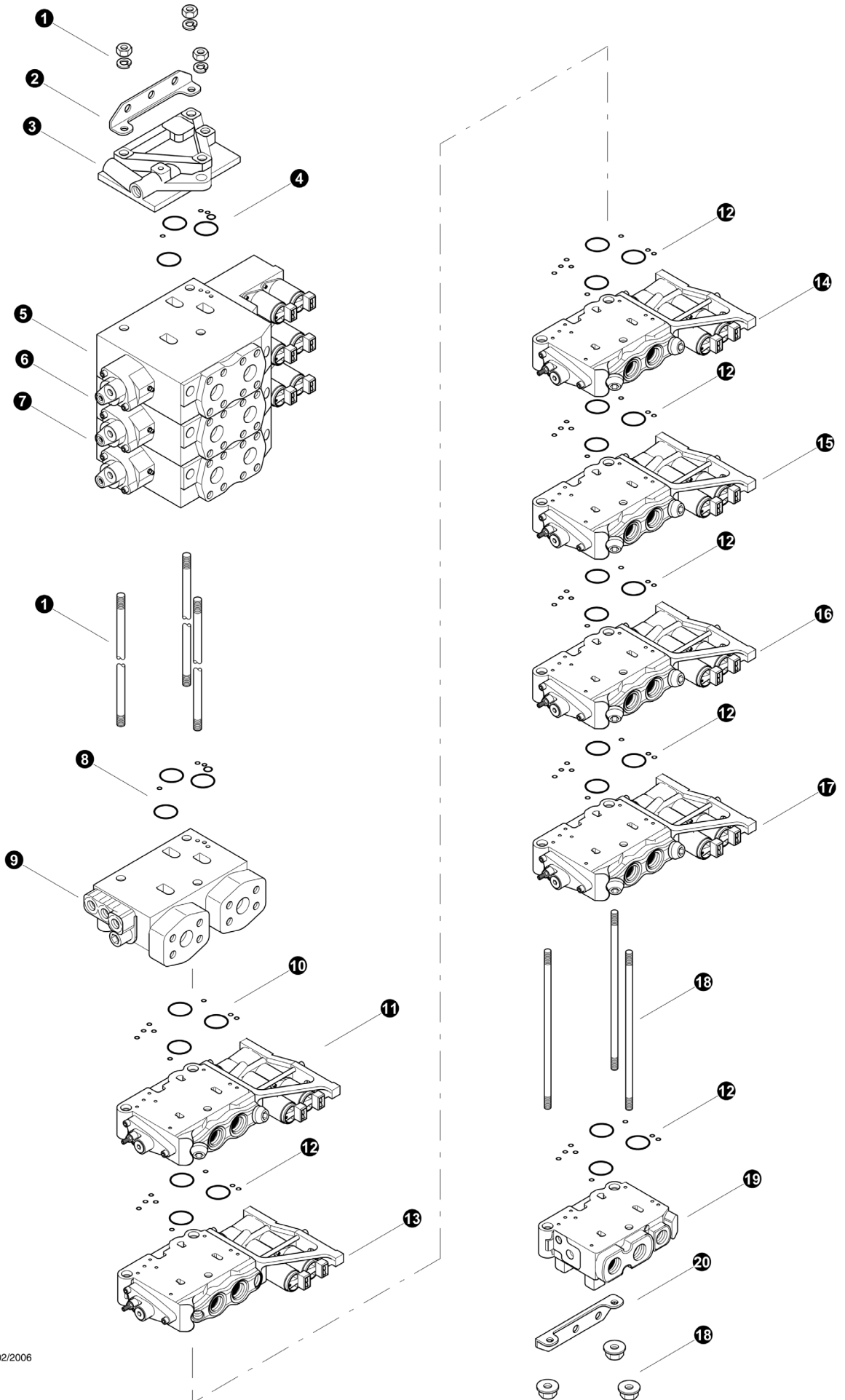
MAIN CONTROL VALVE (Disc Saw - 725B & 735B)

TN725B-0025-041309 and Before

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

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











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Parts T3468 05/02/2006
25.00

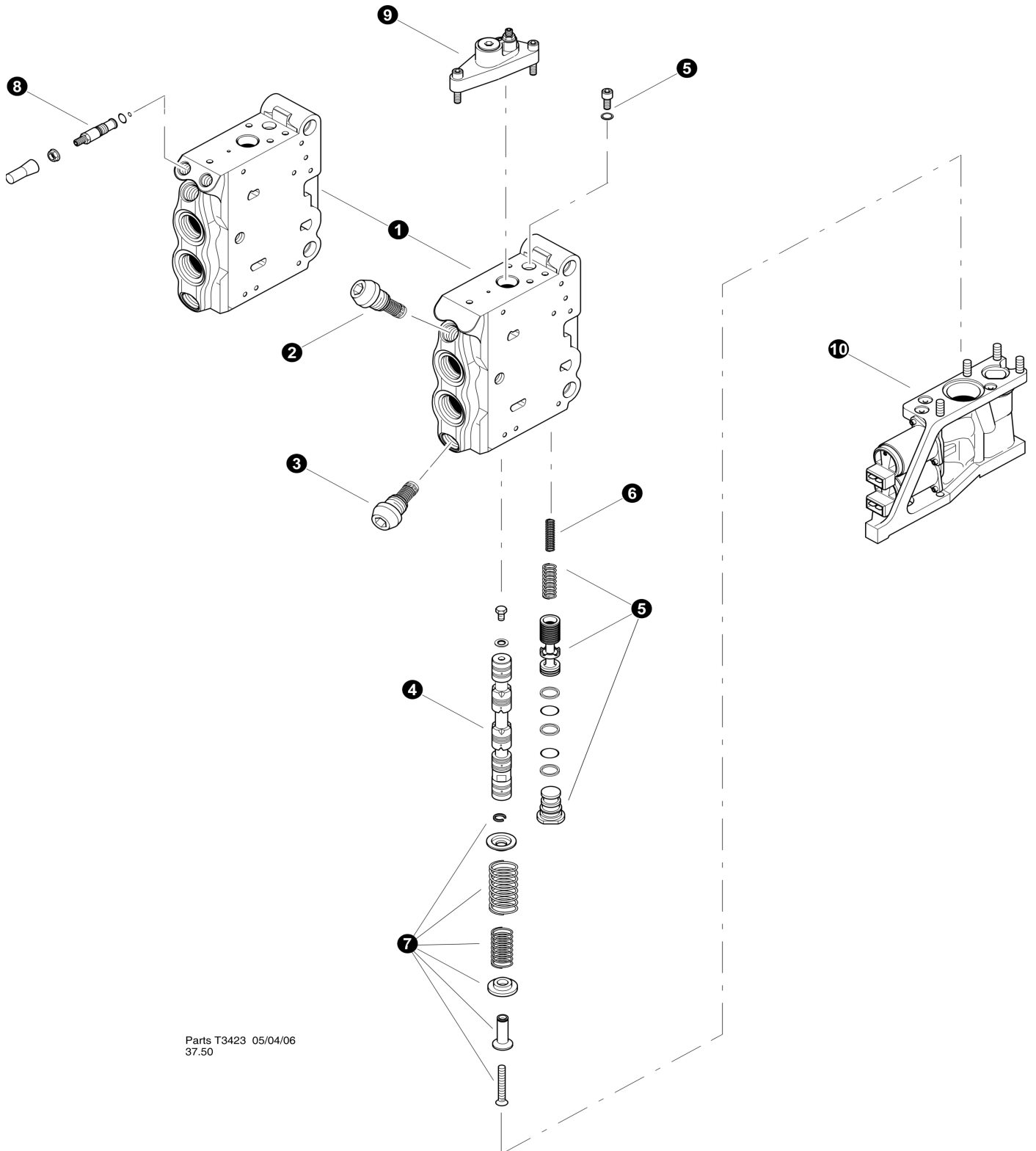
MAIN CONTROL VALVE
(Disc Saw - 725B & 735B)

TL725B-0026-051909 and after

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

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

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

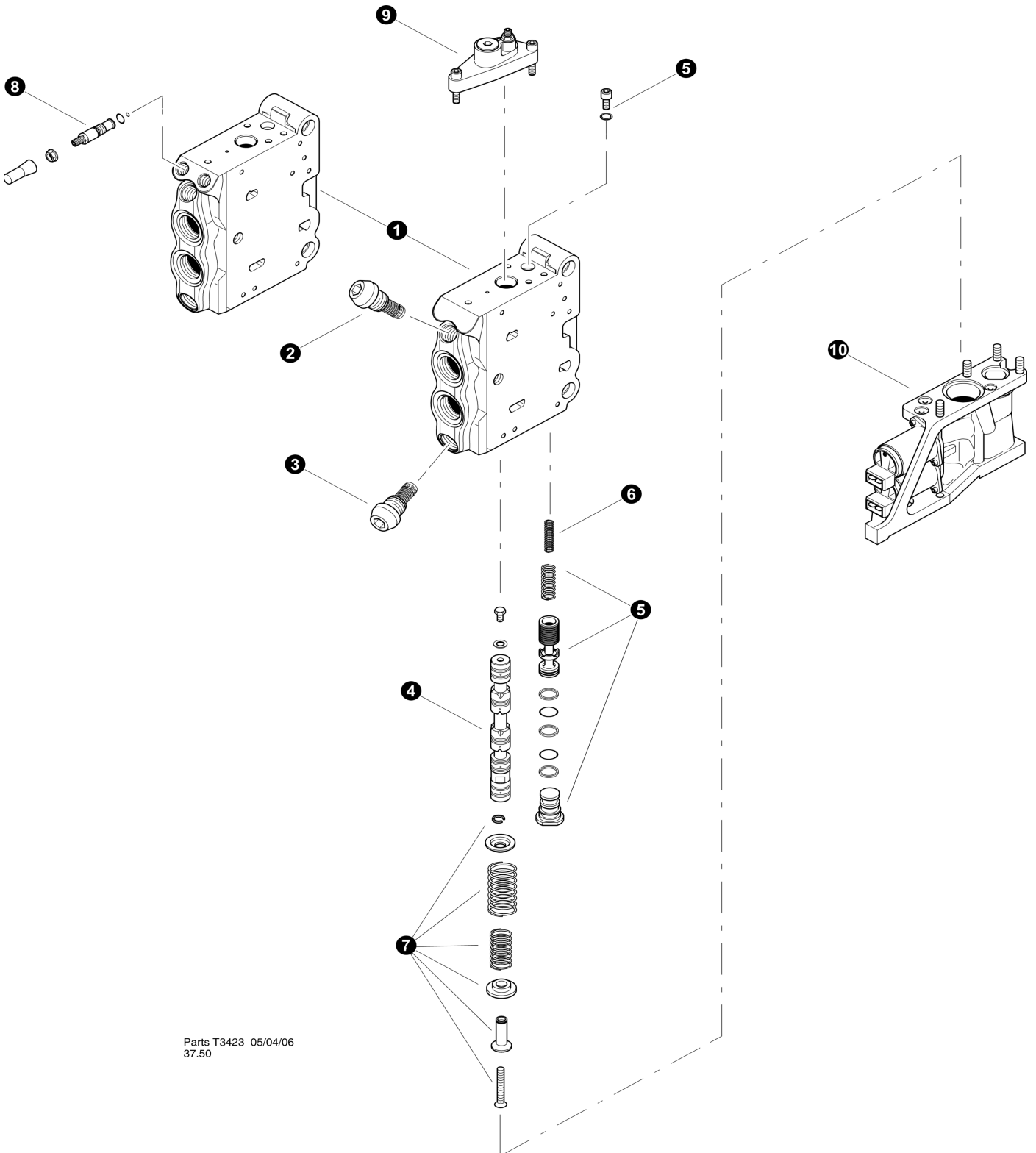


Parts T3423 05/04/06
37.50

L90LS VALVE SECTION

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

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

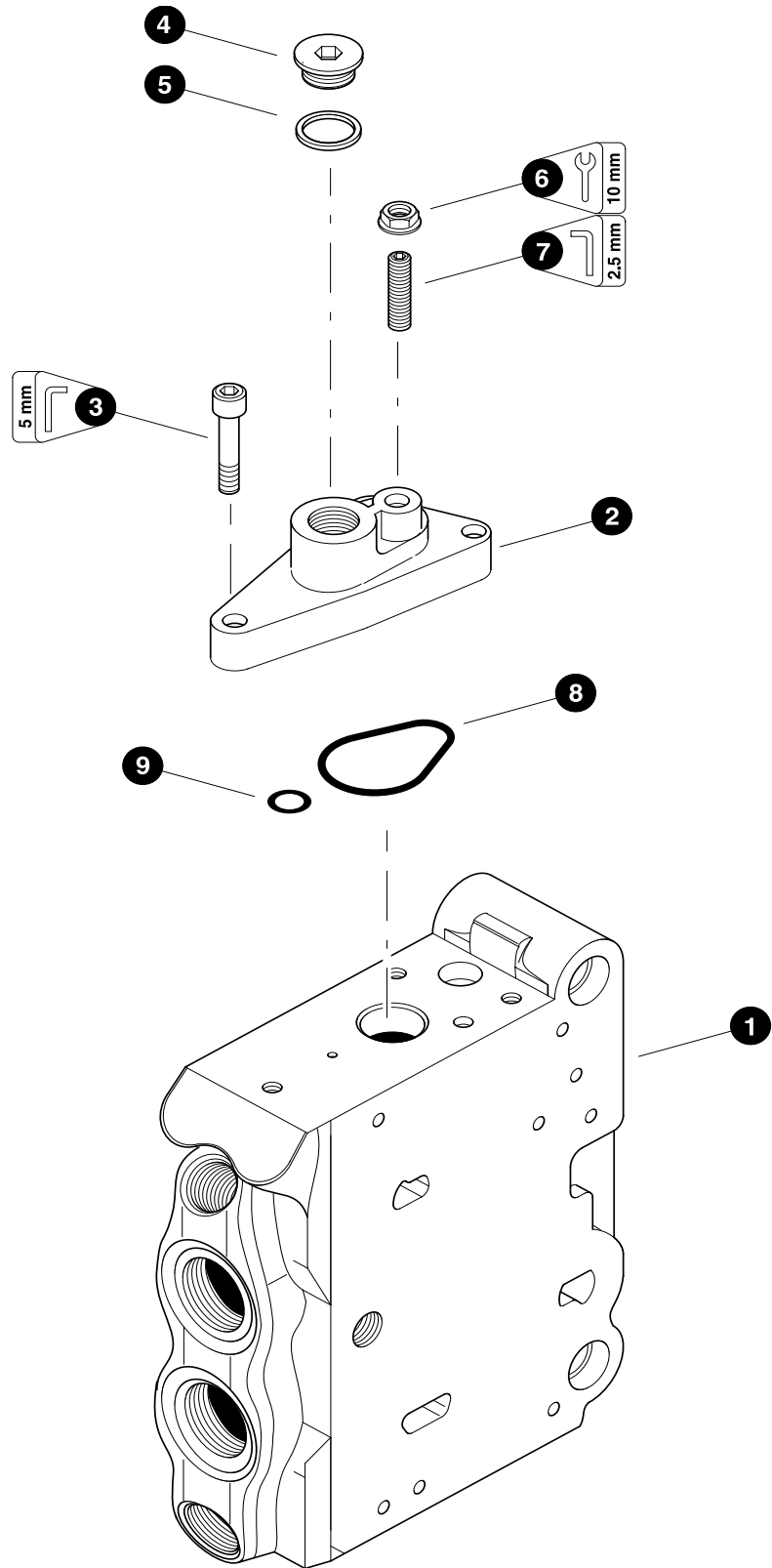


Parts T3423 05/04/06
37.50

L90LS VALVE SECTION continued.....





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



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

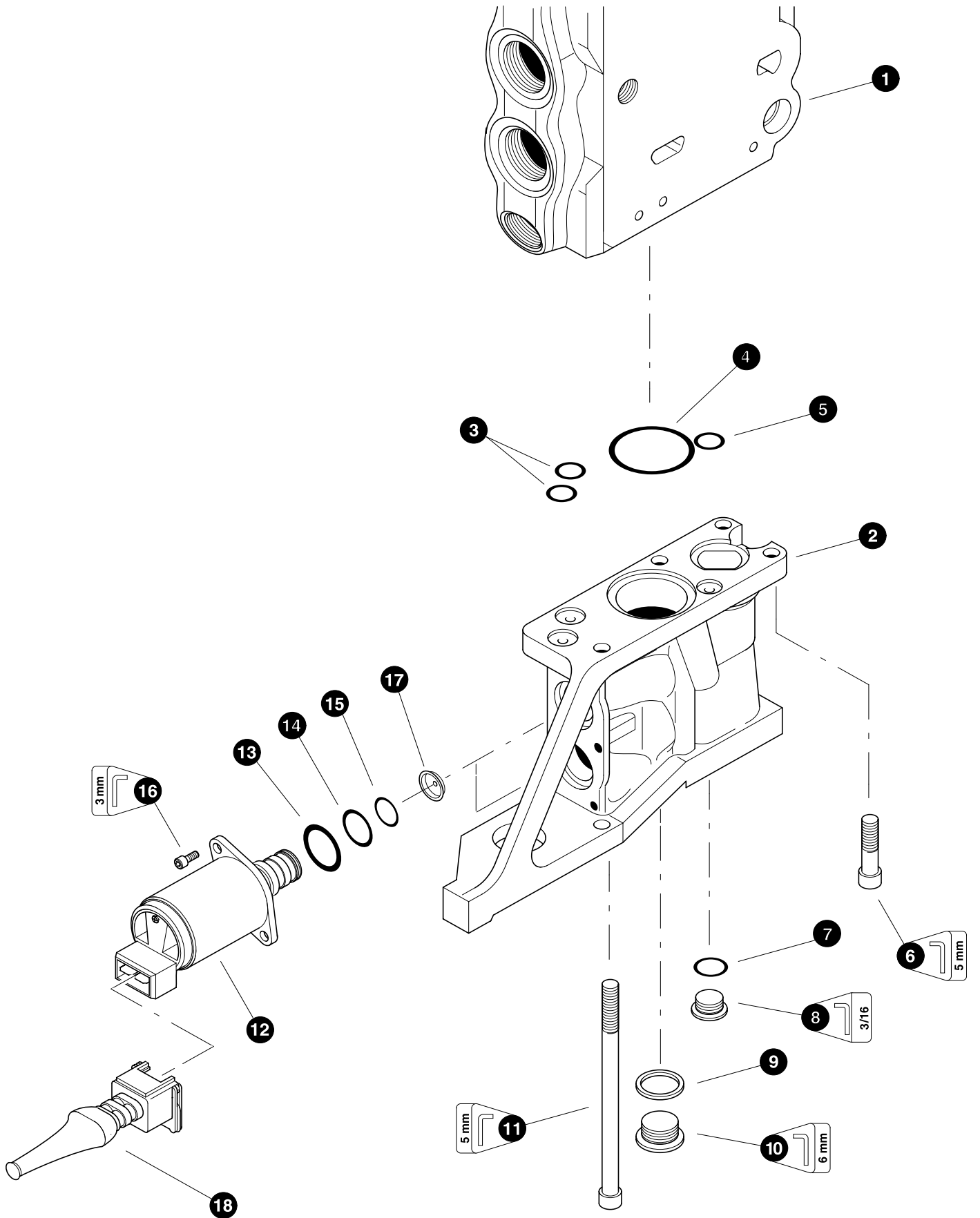


Parts 01734 08/08/2000
75.00

L90LS VALVE END CAP

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

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



L90LS VALVE CONTROL CAP

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	NSS	1		VALVE SECTION BODY	
-	23416-FH	1	☐	KIT, end cap - "B" port side	
2	-----	1		CAP, end	
3	-----	2	⌘	O-RING (Small)	
4	-----	1	⌘	O-RING (Large)	
5	-----	1	⌘	O-RING (Small)	
6	-----	2		BOLT, allen head - 6mm-1.0P x 20mm (0211124703)	
7	-----	1	⌘	O-RING	
8	11383-FH	1		PLUG - 6408-FHP-4	
9	-----	1	⌘	RING, seal	
10	-----	1		PLUG (0686644203)	
11	-----	2		SCREW, allen head - 6mm-1.0P x 100mm (0211126403)	
12	20976-FH	2		SOLENOID - 24V	
13	-----	2	◆	O-RING (Large)	
14	-----	2	◆	O-RING (Medium)	
15	-----	2	◆	O-RING (Small)	
16	-----	4		SCREW, allen head - 4mm-.75P x 12mm (0211117103)	
17	---	1		DAMPER, pilot restrictor orifice 0.6 mm (3762396) - 1 DOT	
17	---	1		DAMPER, pilot restrictor orifice 0.8 mm (3762397) - 2 DOT	
17	---	1		DAMPER, pilot restrictor orifice 1 mm (3762398) - 3 DOT	
17	---	1		DAMPER, pilot restrictor orifice 1.1 mm (3762609) - 4 DOT	
17	---	1		DAMPER, pilot restrictor orifice 3 mm (3763308)	
18	19179-FH	2		CONNECTOR, (kit) voac controll valve	
-	23417-FH	1		KIT, seal repair - "B" port side end cap	
-	23418-FH	1		KIT, seal repair - solenoid	

☐ See referenced page for component or assembly breakdown.

☐ Kit or Assembly - includes all items indented underneath.

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

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

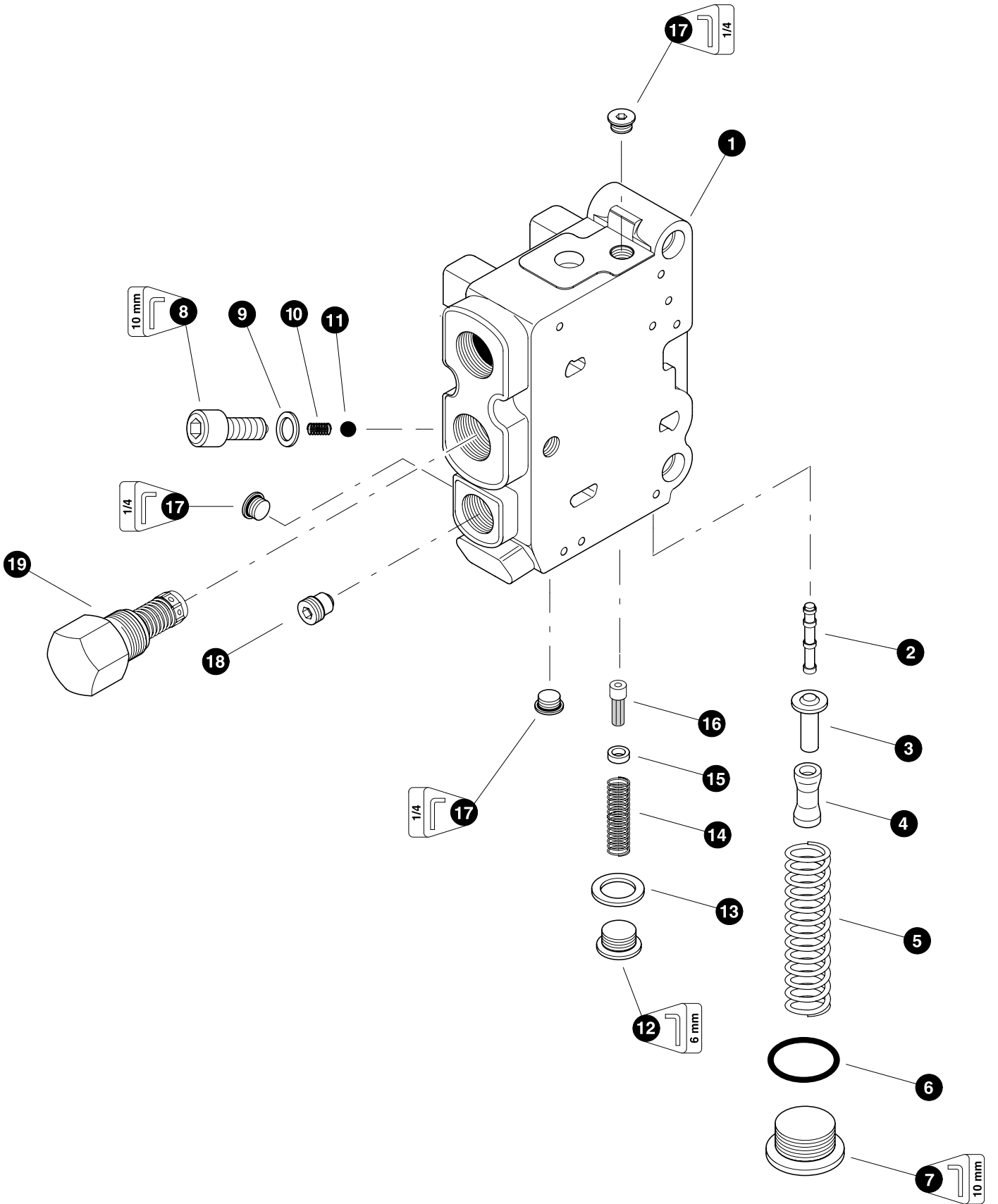
NOTE #1:

Orifice sizes vary depending upon function.

#3762396 0.6 mm

#3762397 0.8 mm

#3762398 1.0 mm



Parts 01319 09/16/99
62.00

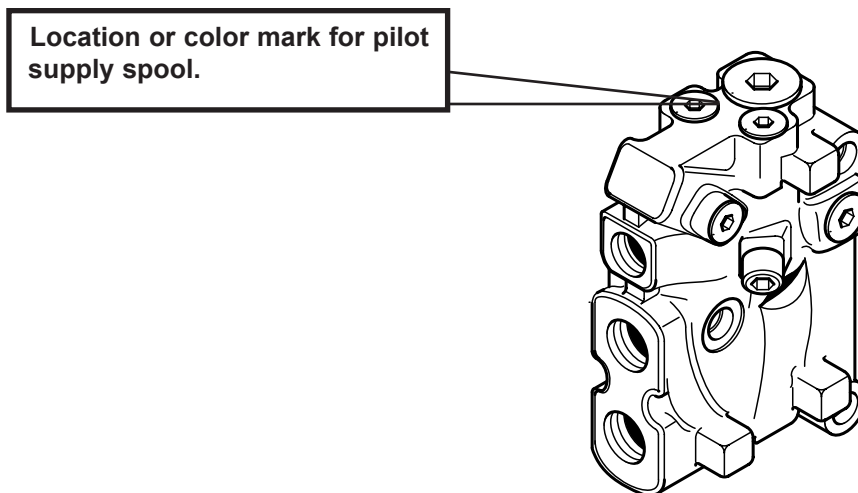
L90LS VALVE OUTLET

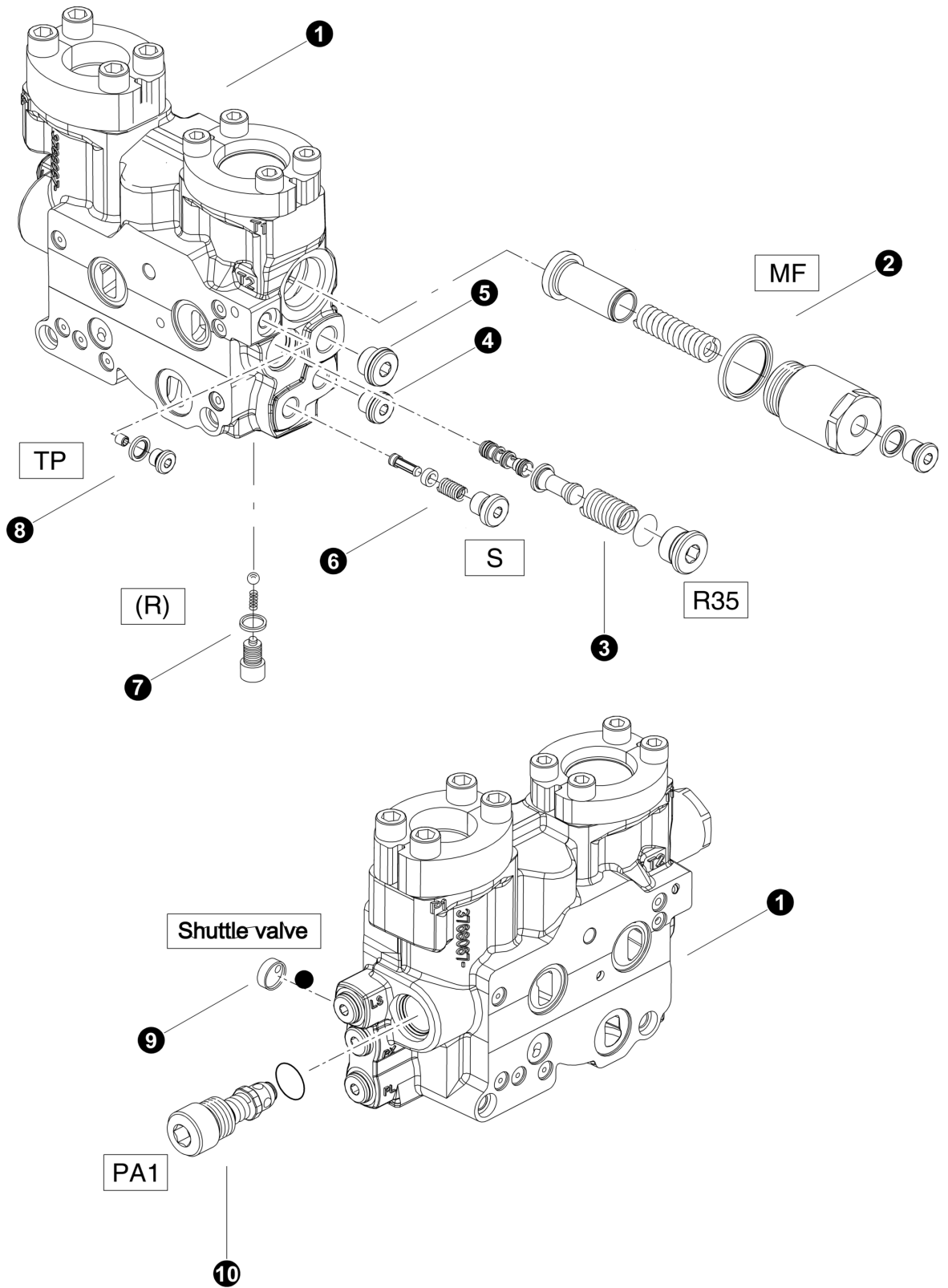
REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	23412-FH	1	<input type="checkbox"/>	VALVE SECTION, outlet	
1	NSS	1		BODY, valve section	
-	23431-FH	1	<input type="checkbox"/>	KIT, pilot supply reducer (Green)(35 bar)(see note #1)	
	23432-FH	1	<input type="checkbox"/>	KIT, pilot supply reducer (Red)(35 bar)(see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

Kit or Assembly - includes all items indented underneath.

NOTE #1

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





Parts T3422 05/02/2006
50.00

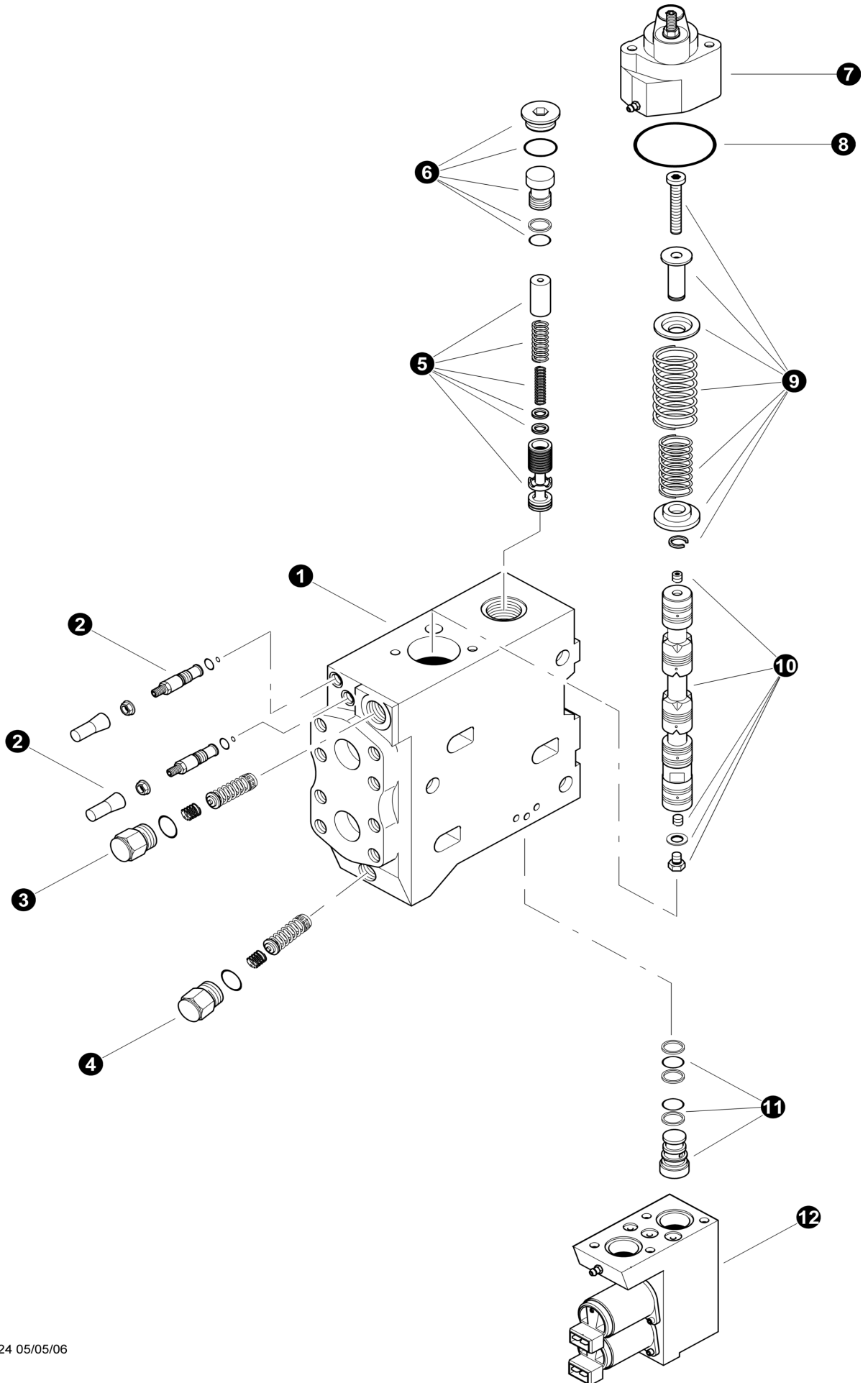
**MID INLET SECTION
K220 to L90**

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

Kit or Assembly - includes all items indented underneath.

NOTE #1

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



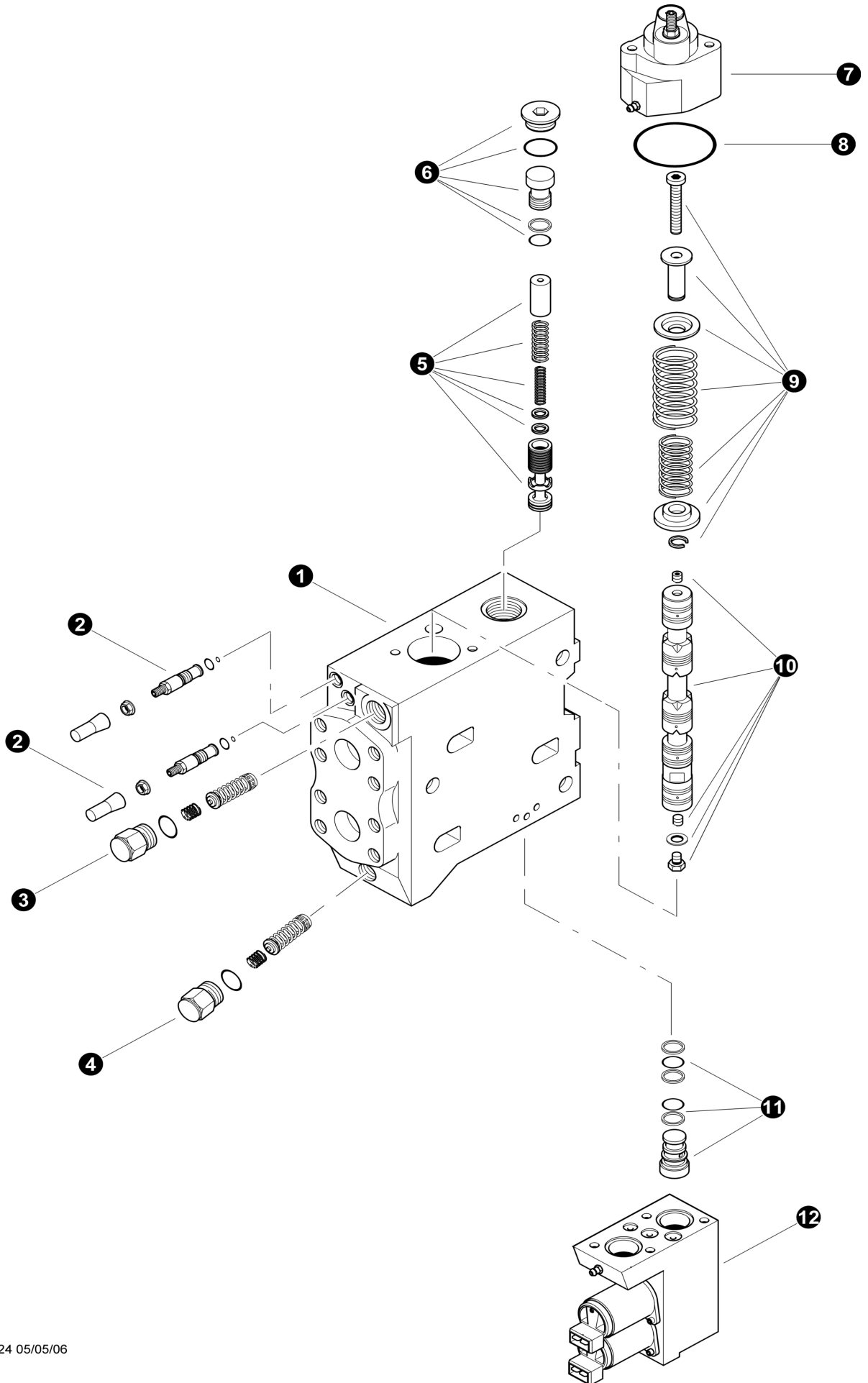
Parts T3424 05/05/06
37.5

VOAC K220 VALVE SECTION

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

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

9120092055

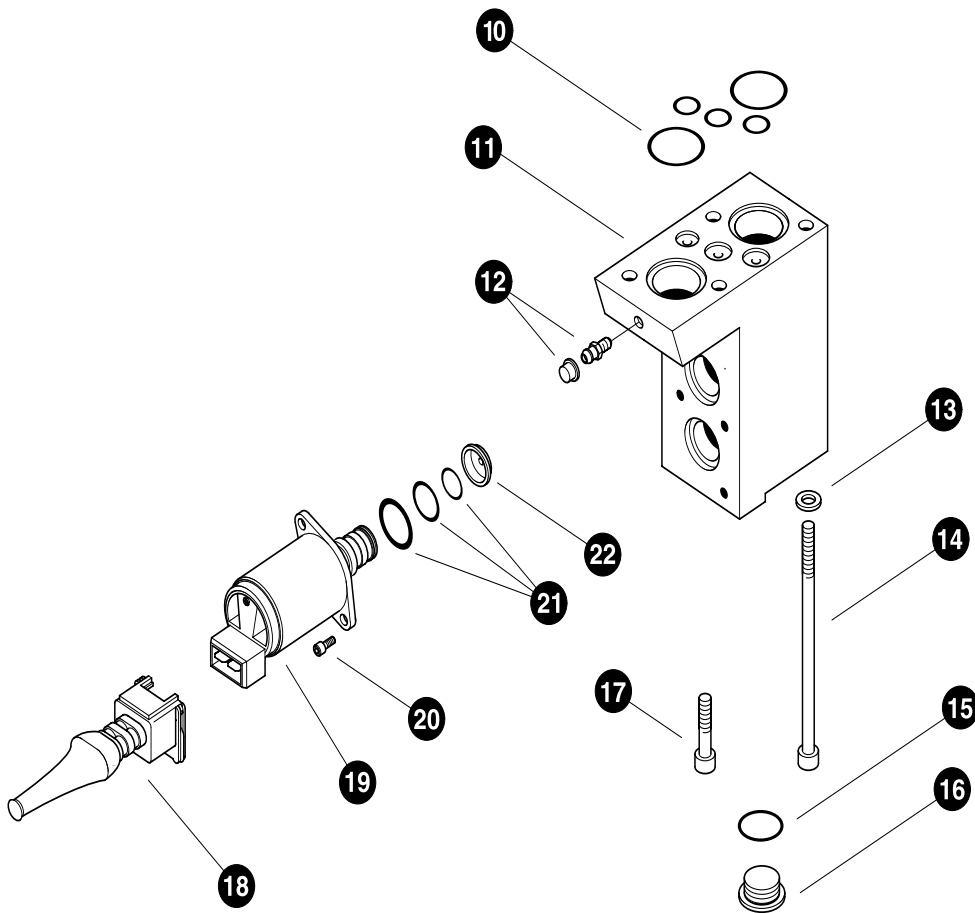
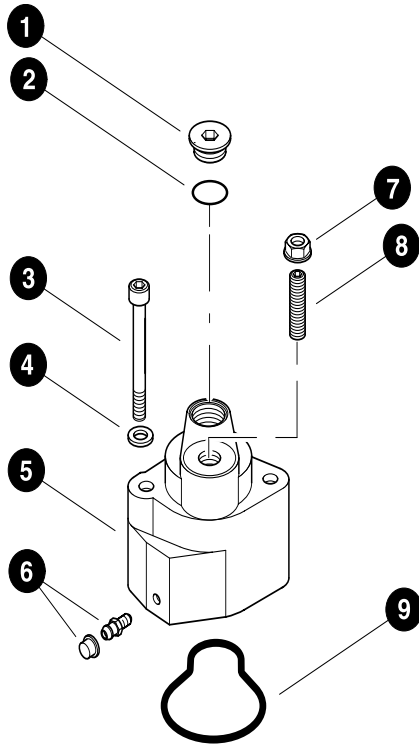


Parts T3424 05/05/06
37.5

VOAC K220 VALVE SECTION continued.....

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

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



Parts T2762 07/15/03
50.00

VOAC K220 VALVE END CAPS

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	51264-FH	1	☐	CUP, PILOT - K220 W / FLOW LIMIT	
1	---	1		PLUG	
2	---	1	⌘	O-RING	
3	---	2		BOLT, M6 X 35mm (3764640)	
4	---	2		WASHER, M6	
5	---	1		CAP	
6	---	1		BLEEDER	
7	---	1	⌘	NUT, seal M6 (91267109)	
8	---	1		SCREW	
9	26418-FH	1	⌘	KIT, cup seals - includes orings, seal nut and bleeder (9120092284)	
-	---	1	☐	KIT, CONTROL "A port side" K220	
10	26417-FH	1	◆	KIT, O-RING	
11	---	1		CAP	
12	---	1		BLEEDER	
13	---	4		WASHER, M6	
14	---	2		BOLT, M6 X 110mm (0211126603)	
15	---	1	◆	O-RING	
16	---	1		PLUG	
17	---	2		BOLT, M6 X 22mm (0211124803)	
18	19179-FH	2		KIT, CONNECTOR -VOAC solenoid	
-	20976-FH	2		KIT, SOLENOID VALVE 24V	
19	---	1		SOLENOID VALVE 24V	
20	---	2		SCREW, 4mm x 12mm (0211117103)	
21	---	1		KIT, SEAL -SOLENOID VALVE (393000K813)	
22	---	1		DAMPER, pilot restrictor orifice 0.6 mm (3762396) - 1 DOT	
22	---	1		DAMPER, pilot restrictor orifice 0.8 mm (3762397) - 2 DOT	
22	---	1		DAMPER, pilot restrictor orifice 1 mm (3762398) - 3 DOT	
22	---	1		DAMPER, pilot restrictor orifice 1.1 mm (3762609) - 4 DOT	
22	---	1		DAMPER, pilot restrictor orifice 3 mm (3763308)	

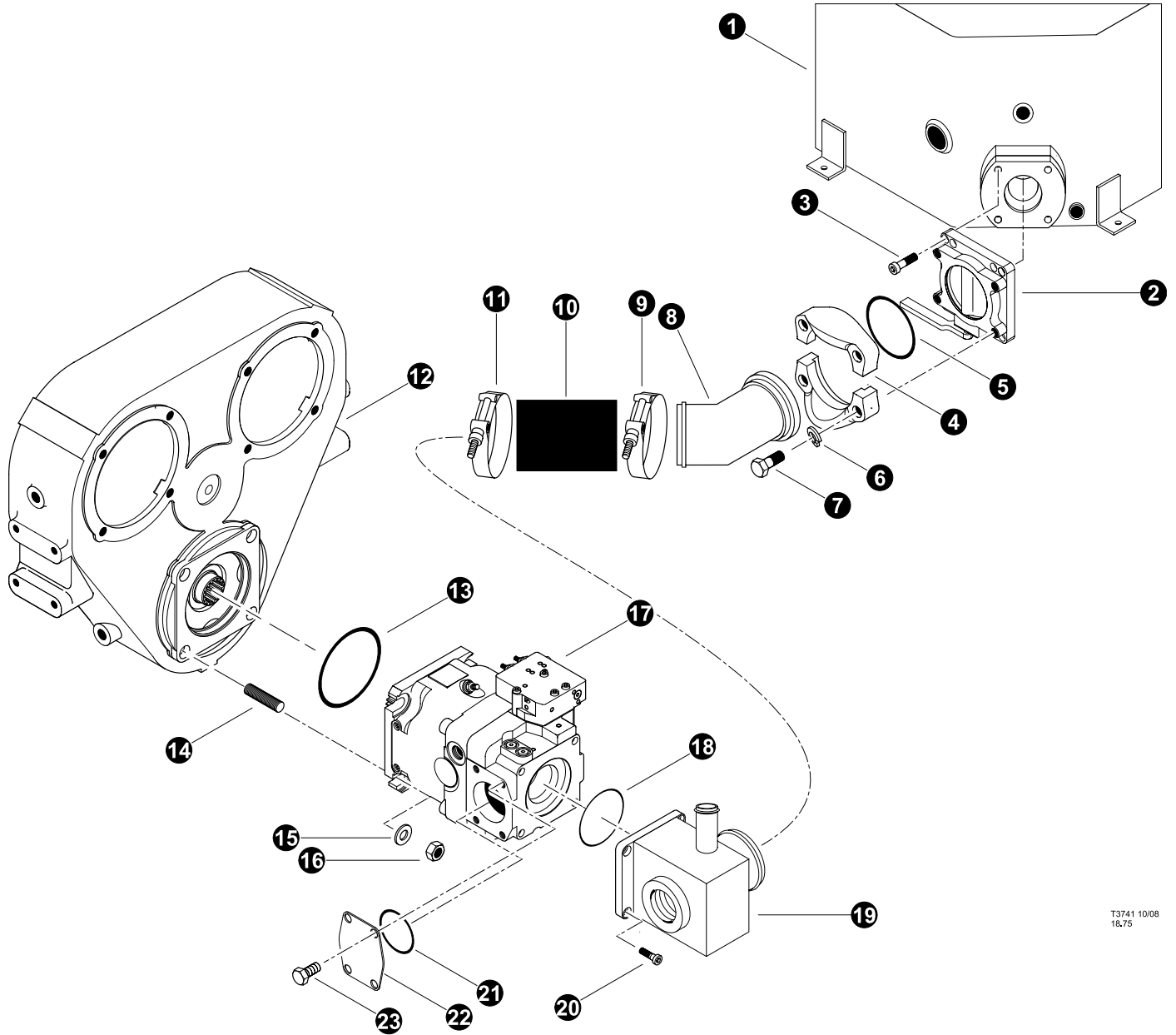
☐ Kit or Assembly - includes all items indented underneath.

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

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




Section FH-2

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




T3741 10/08
18.75

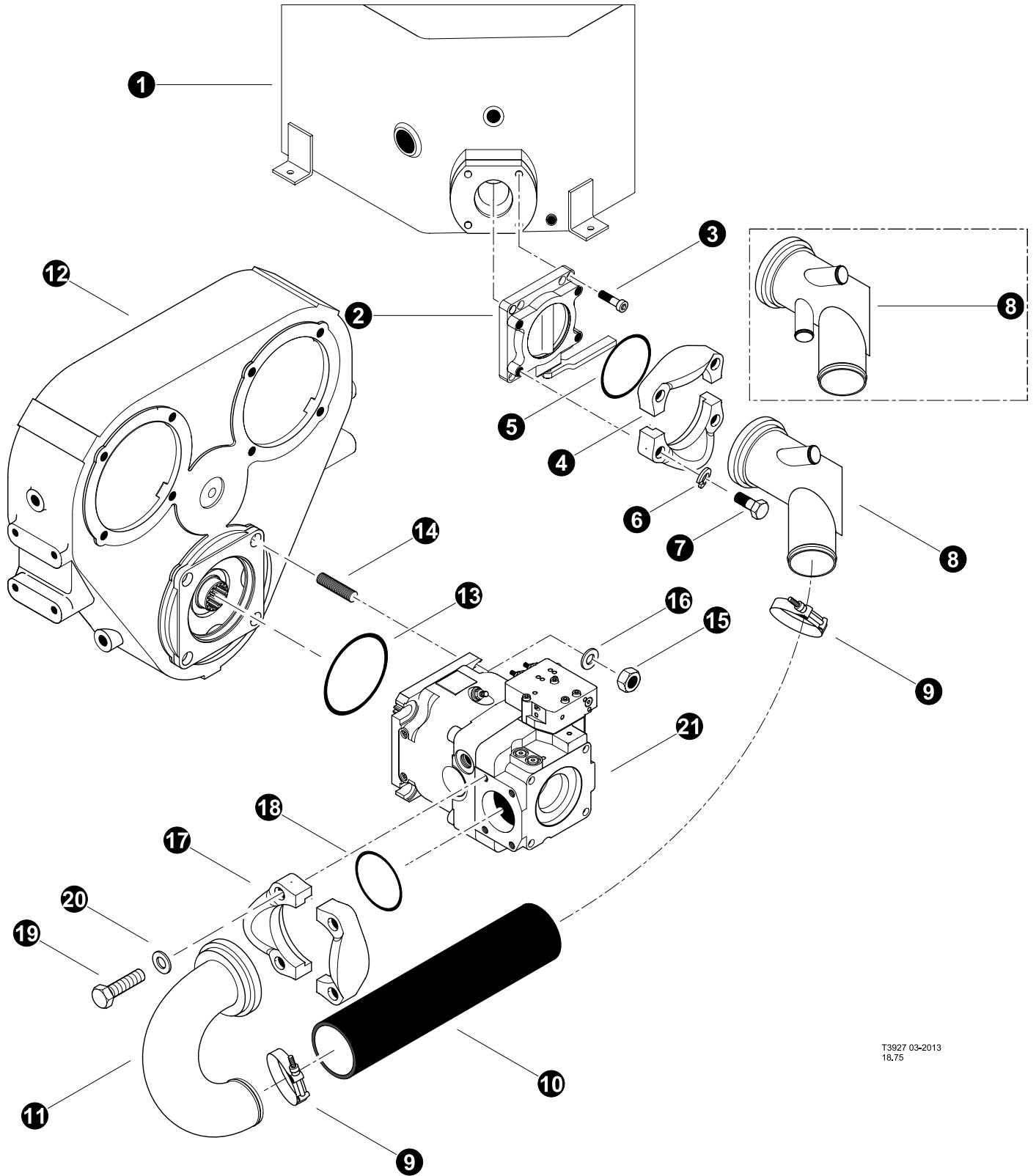
IMPLEMENT PUMP INSTALLATION Machine 0188-030813 and Before

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

 See referenced page for component or assembly breakdown.

 Bulk material - order length required in feet or meters.





 Kit or Assembly - includes all items indented underneath.






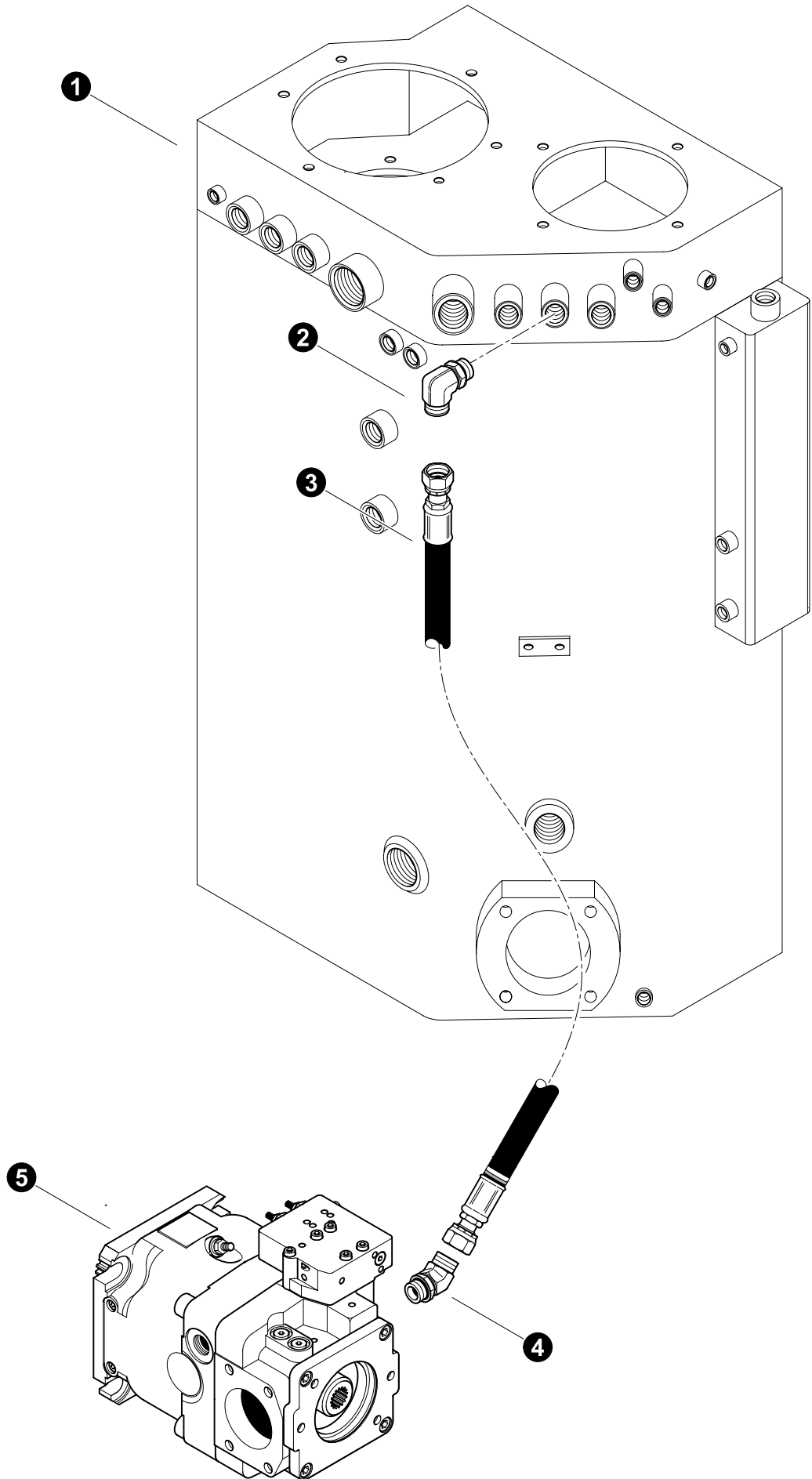
T3927 03-2013
18.75

IMPLEMENT PUMP INSTALLATION

Machine 0189 and After


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


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

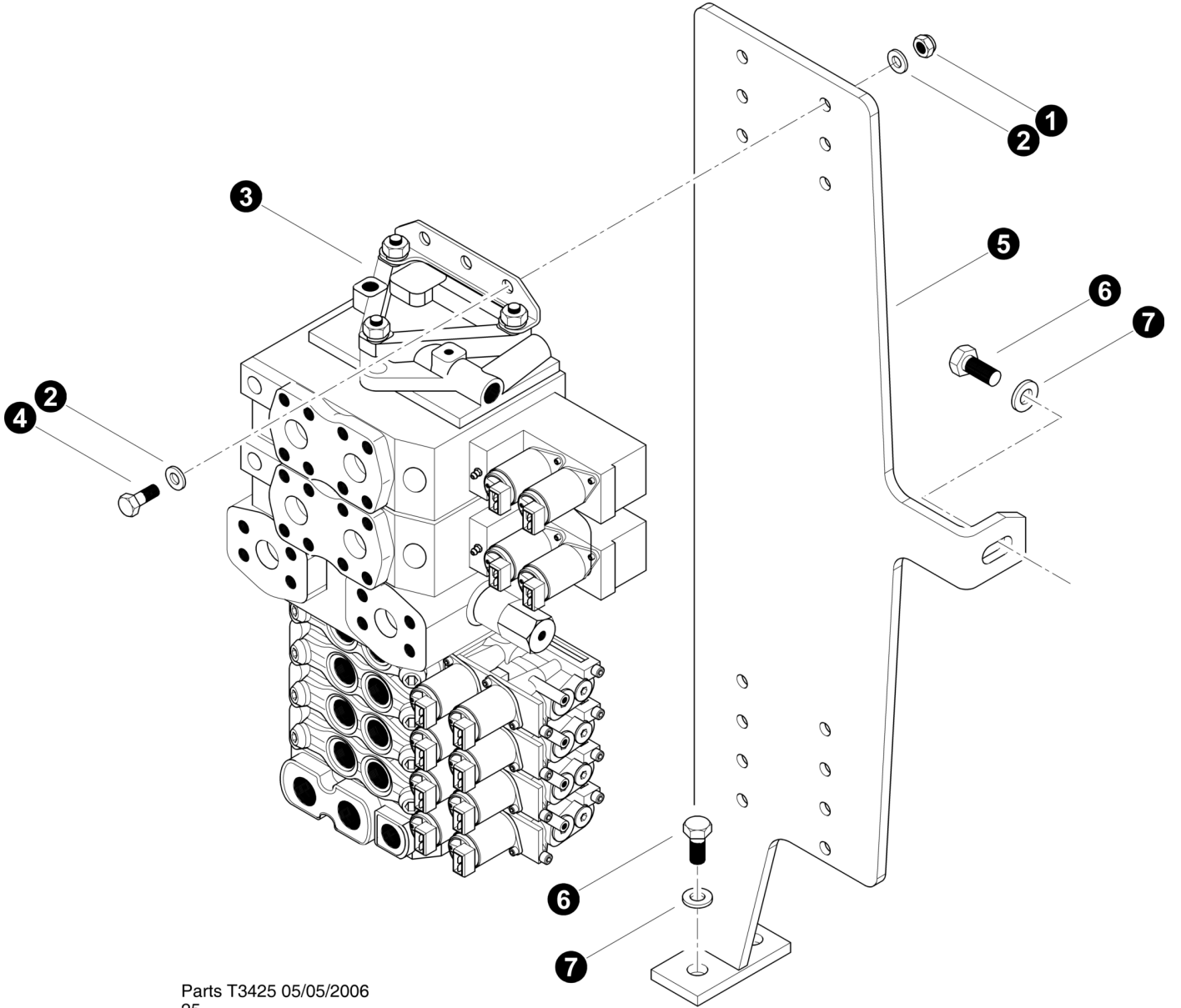


Parts T3743 08/08
18.75

IMPLEMENT PUMP CASE DRAIN LINE

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

 See referenced page for component or assembly breakdown.



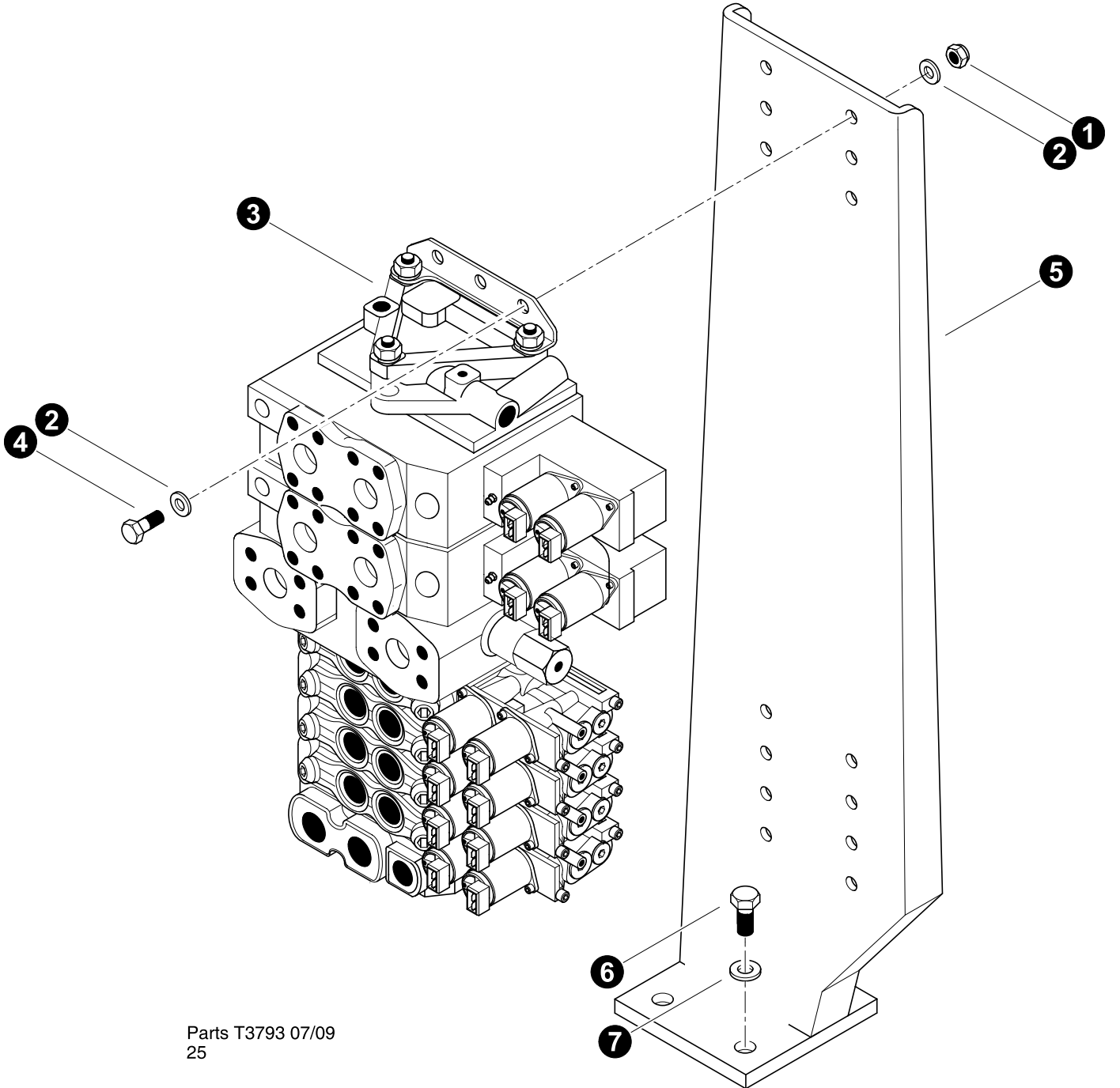
Parts T3425 05/05/2006
25

MAIN CONTROL VALVE MOUNTING

TN725B-0025-041309 and Before

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


See referenced page for component or assembly breakdown.




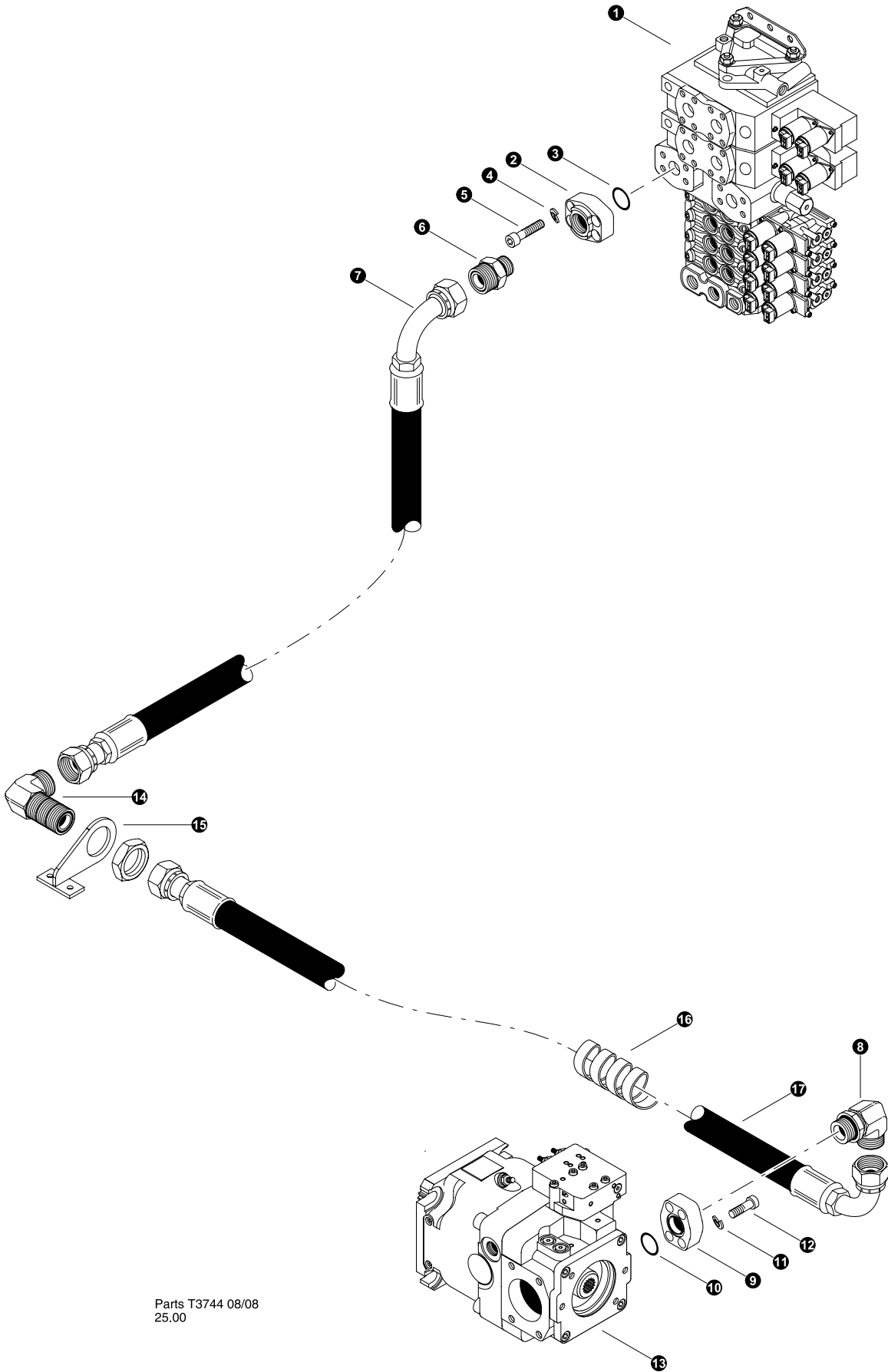
Parts T3793 07/09
25

MAIN CONTROL VALVE MOUNTING

TL725B-0026-051909 and after

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





 See referenced page for component or assembly breakdown.





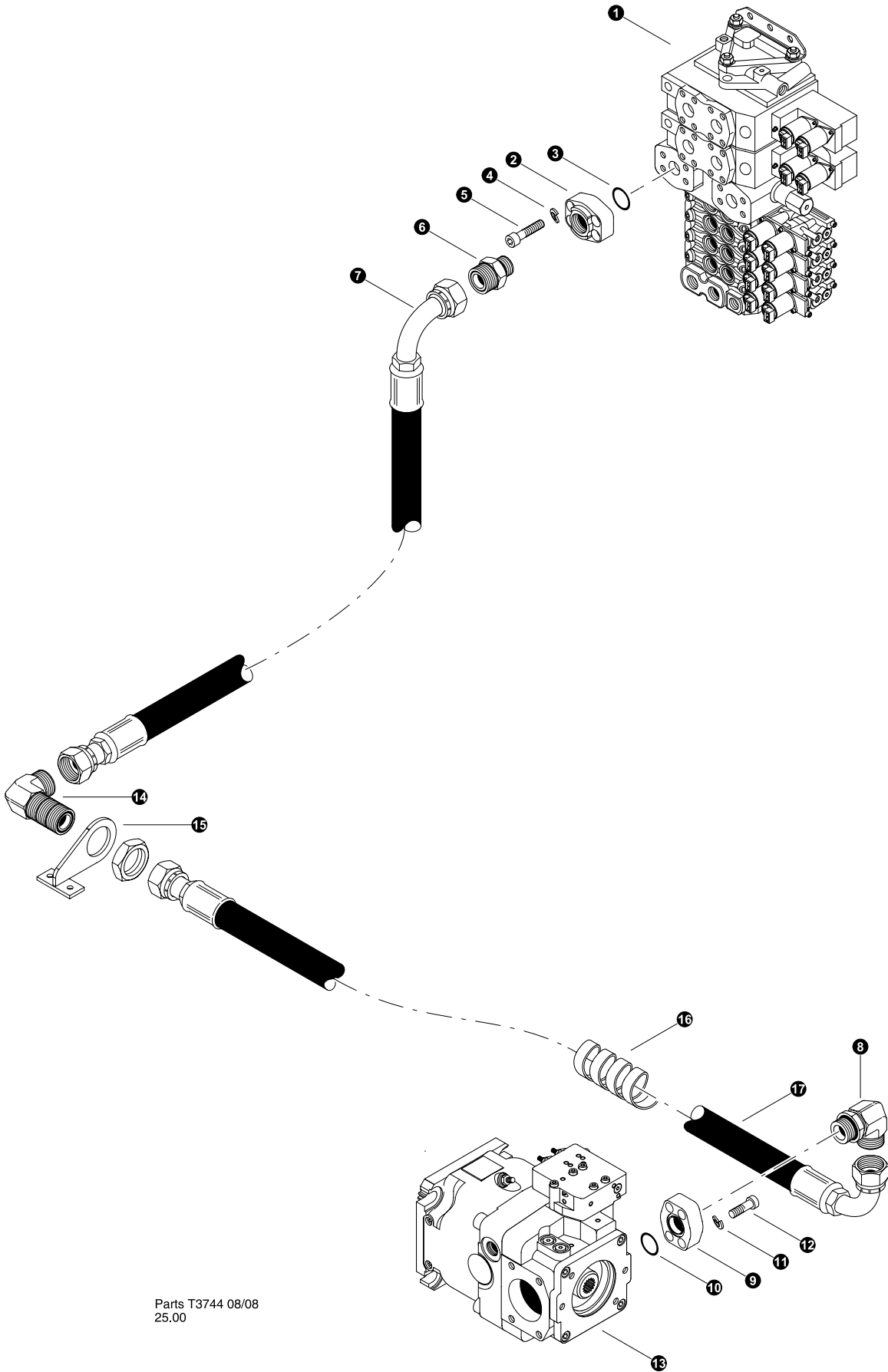
Parts T3744 08/08
25.00

IMPLEMENT PUMP PRESSURE LINE TO MAIN CONTROL VALVE

TN725B-0025-041309 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	18397-FH	1	 CONNECTOR, FLANGE PAD - 1" C 62	
3	15377-FH	1	O-RING - 1"	
4	-	4	WASHER, lock	
5	18988-FH	4	BOLT, ALLEN HEAD - 12MM-1.75P X 45MM	
6	17063-FH	1	CONNECTOR, STR - FF1852T-2016S	
7	-FH	1	HOSE ASSEMBLY - 4025-20-20OS-2009 (<i>Pump Pressure Bulkhead to main control valve pressure inlet port "P1"</i>)	
8	17055-FH	1	ELBOW, 90 - FF1868T-2020S	
9	17016-FH	1	 CONNECTOR, FLANGE PAD - 1.25" C 62	
10	-	1	O-RING - 1.25"	
11	-	4	WASHER, lock	
12	-	4	BOLT, ALLEN HEAD	
13	REF.	1	 IMPLEMENT PUMP.	FH-1
14	52429-FH	1	ELBOW, 90 BULKHEAD - #20 WELO-WLNL-S	
15	53121-FH	1	BRACKET, #20 BULKHEAD PUMP PRESSURE-T/M	
16	-FH	47"	WRAP, Plastic Spiral - SHW-32	
17	-FH	1	HOSE ASSEMBLY - 4049-20-20OS-2009 (<i>Pump Pressure Bulkhead to Implement Pump Pressure Port</i>)	





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





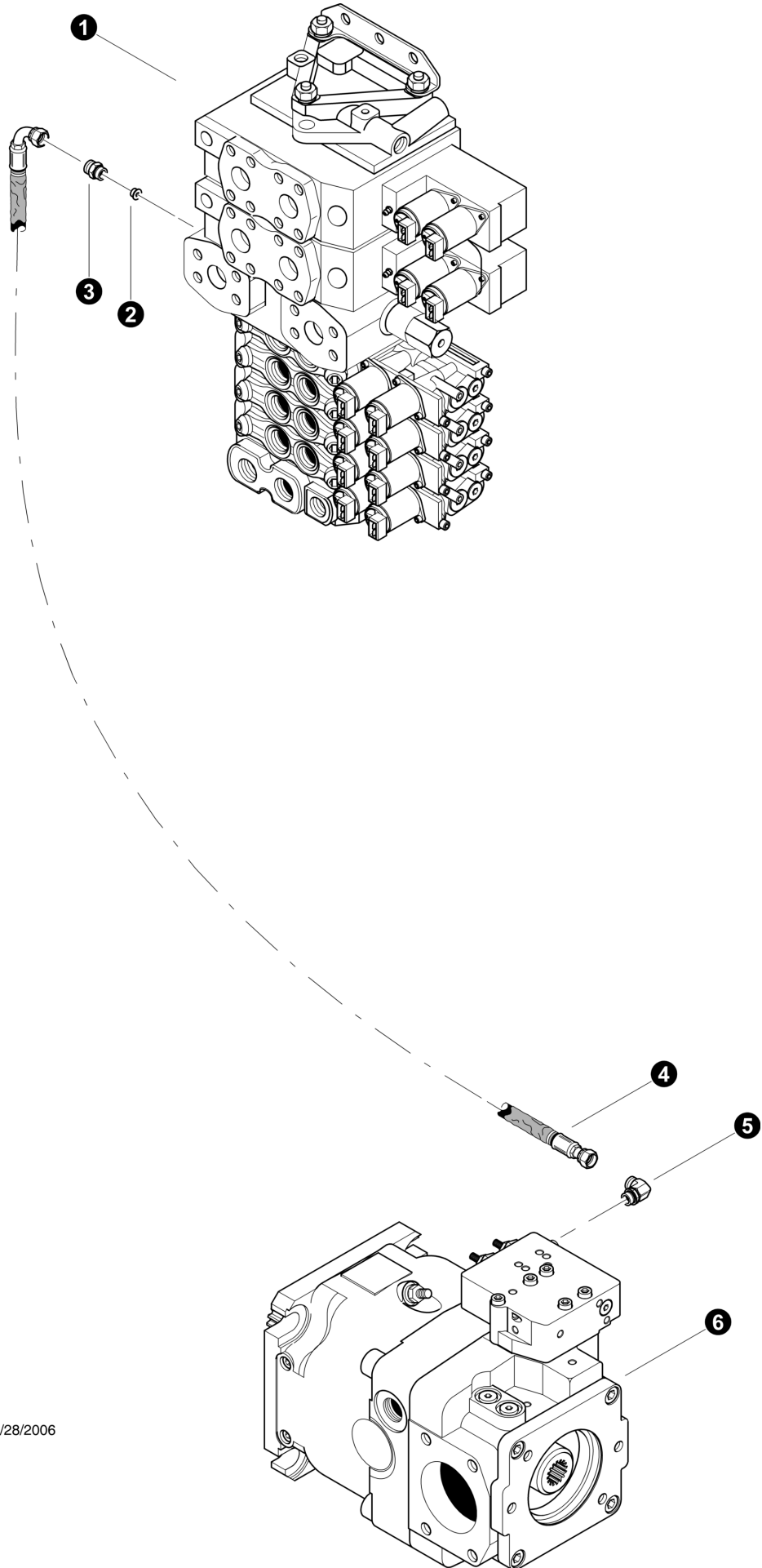
Parts T3744 08/08
25.00

IMPLEMENT PUMP PRESSURE LINE TO MAIN CONTROL VALVE

TL725B-0026-051909 and after



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-1
2	18397-FH	1	 CONNECTOR, FLANGE PAD - 1" C 62	
3	15377-FH	1	O-RING - 1"	
4	-	4	WASHER, lock	
5	18988-FH	4	BOLT, ALLEN HEAD - 12MM-1.75P X 45MM	
6	17063-FH	1	CONNECTOR, STR - FF1852T-2016S	
7	-FH	1	HOSE ASSEMBLY - 4029-20-20OS-2009 (<i>Pump Pressure Bulkhead to main control valve pressure inlet port "P1"</i>)	
8	17055-FH	1	ELBOW, 90 - FF1868T-2020S	
9	17016-FH	1	 CONNECTOR, FLANGE PAD - 1.25" C 62	
10	-	1	O-RING - 1.25"	
11	-	4	WASHER, lock	
12	-	4	BOLT, ALLEN HEAD	
13	REF.	1	 IMPLEMENT PUMP.	FH-1
14	52429-FH	1	ELBOW, 90 BULKHEAD - #20 WELO-WLNL-S	
15	53121-FH	1	BRACKET, #20 BULKHEAD PUMP PRESSURE-T/M	
16	-FH	47"	WRAP, Plastic Spiral - SHW-32	
17	-FH	1	HOSE ASSEMBLY - 4049-20-20OS-2009 (<i>Pump Pressure Bulkhead to Implement Pump Pressure Port</i>)	


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

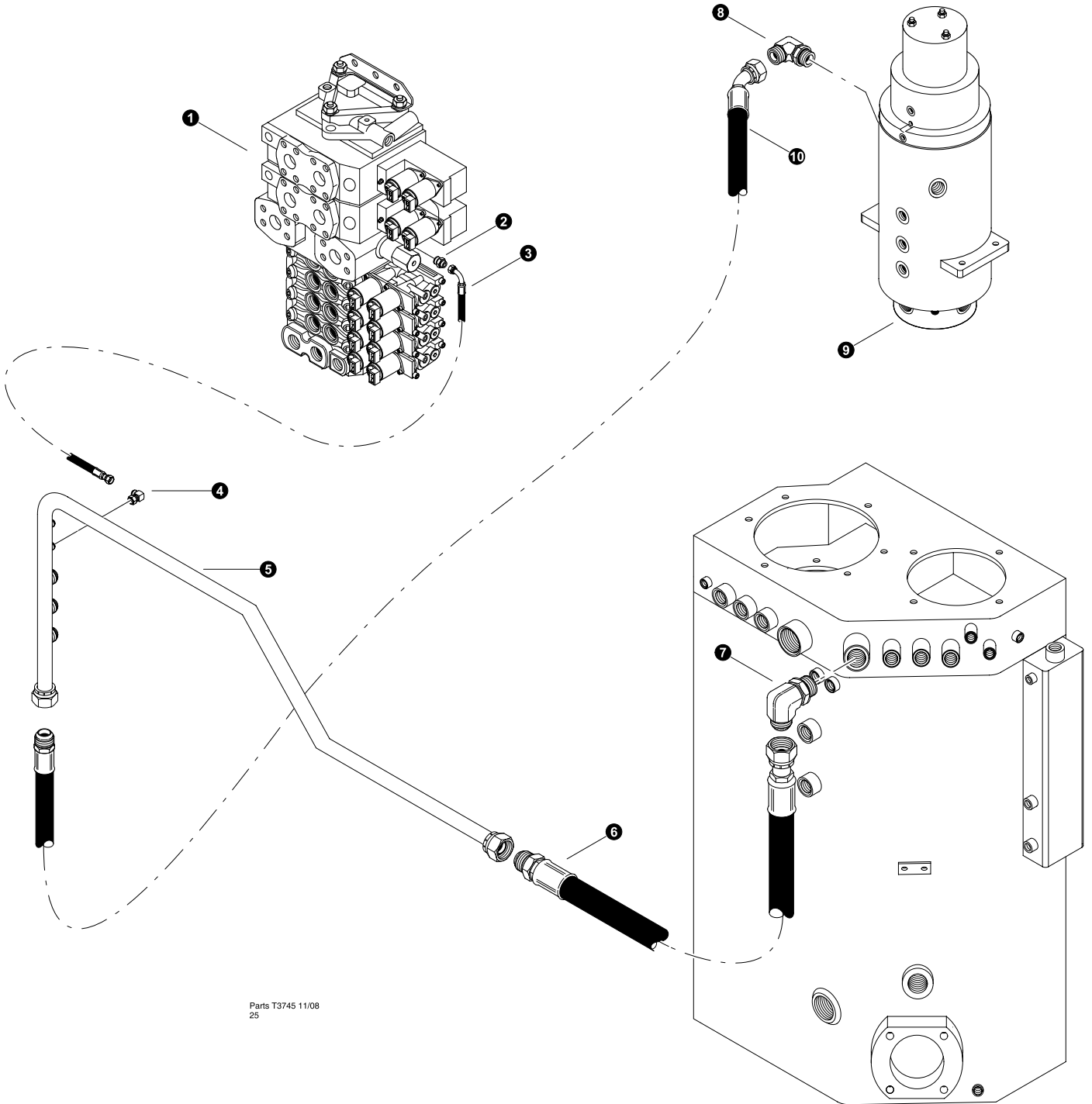


Parts T3430 05/28/2006
25.00


MAIN CONTROL VALVE LOAD SENSE LINE


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

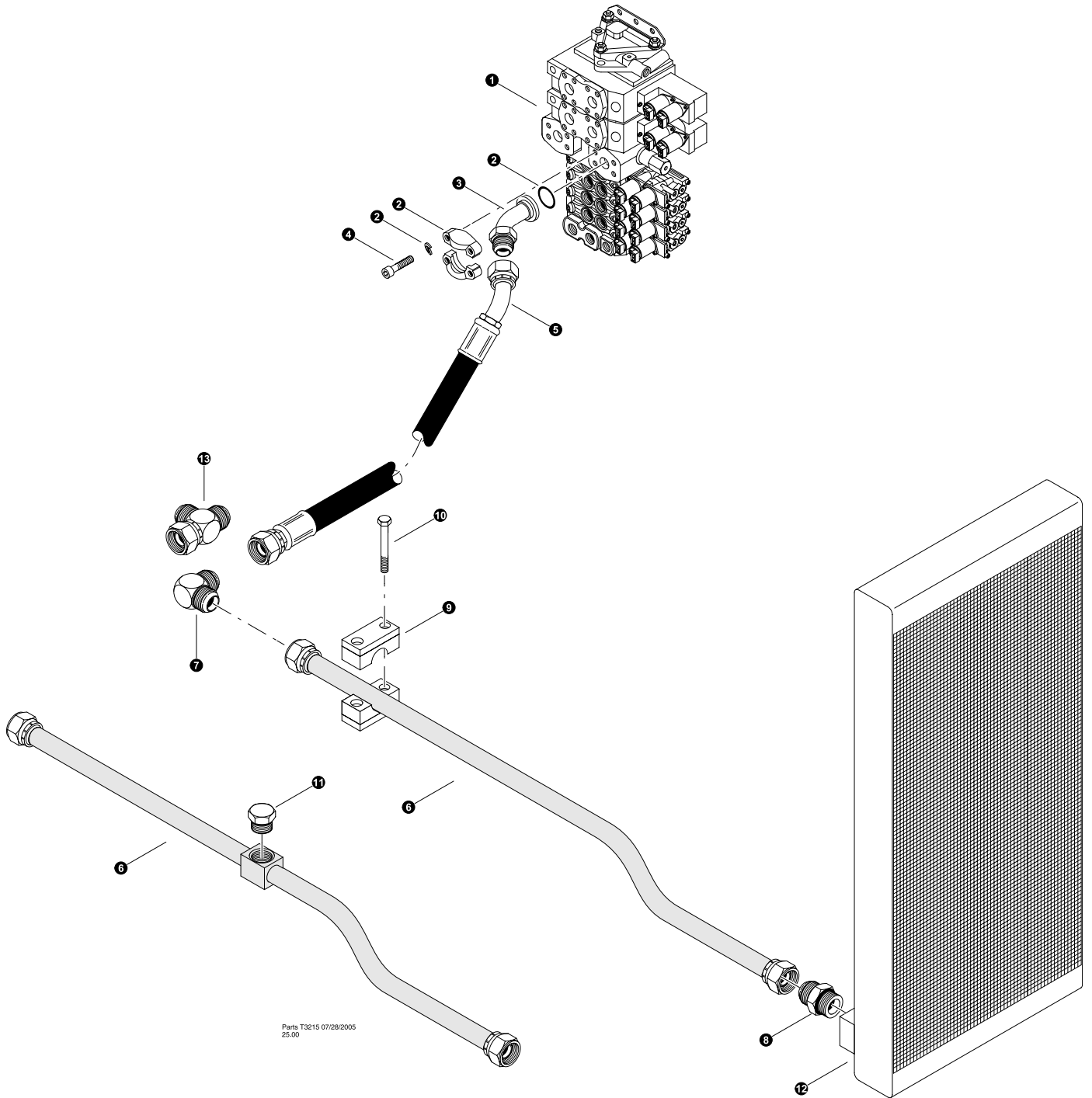
 See referenced page for component or assembly breakdown.



MAIN CONTROL VALVE PILOT DRAIN LINE




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



 See referenced page for component or assembly breakdown.

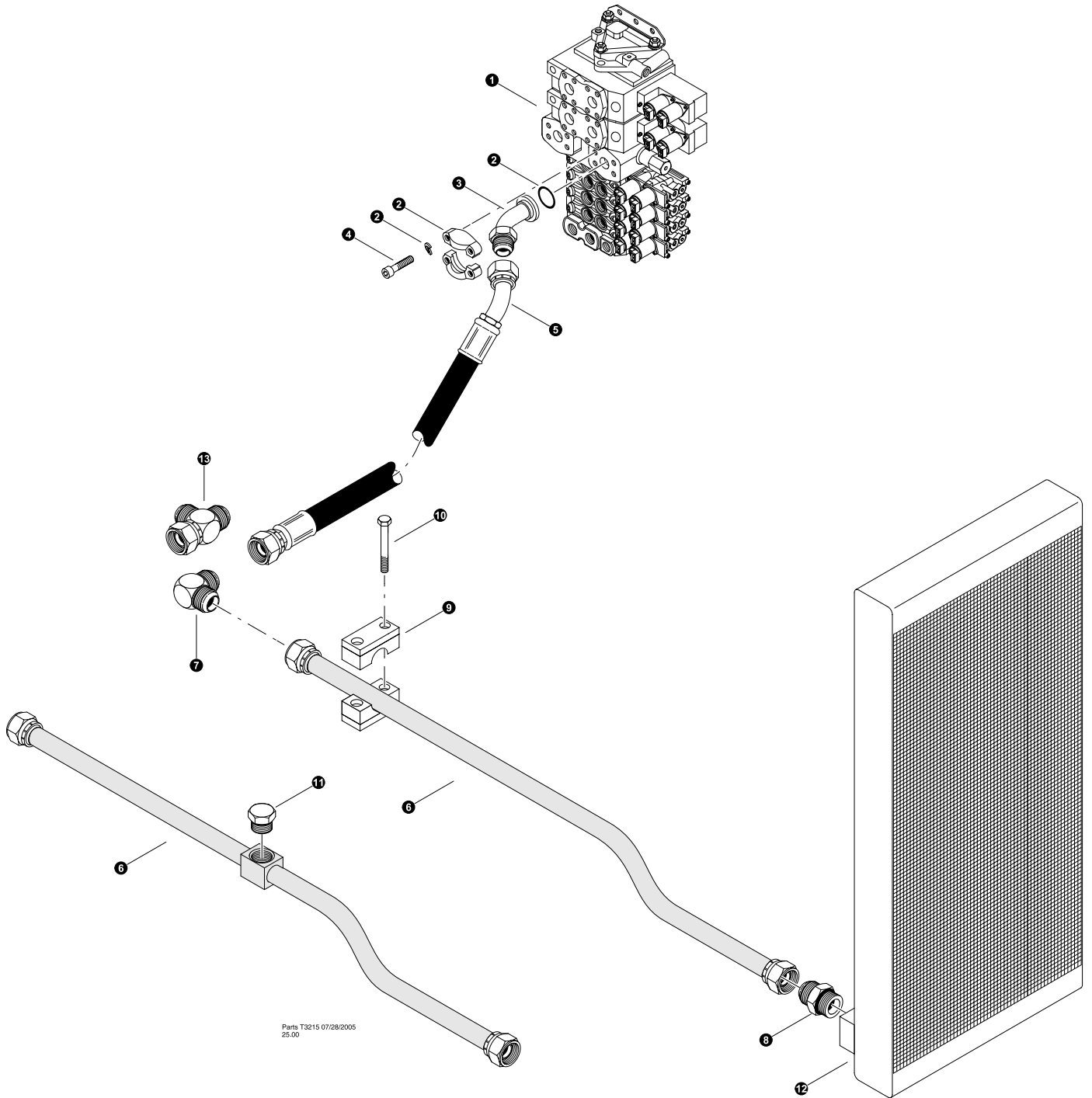


MAIN CONTROL VALVE RETURN LINE

TN725B-0025-041309 and Before




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



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

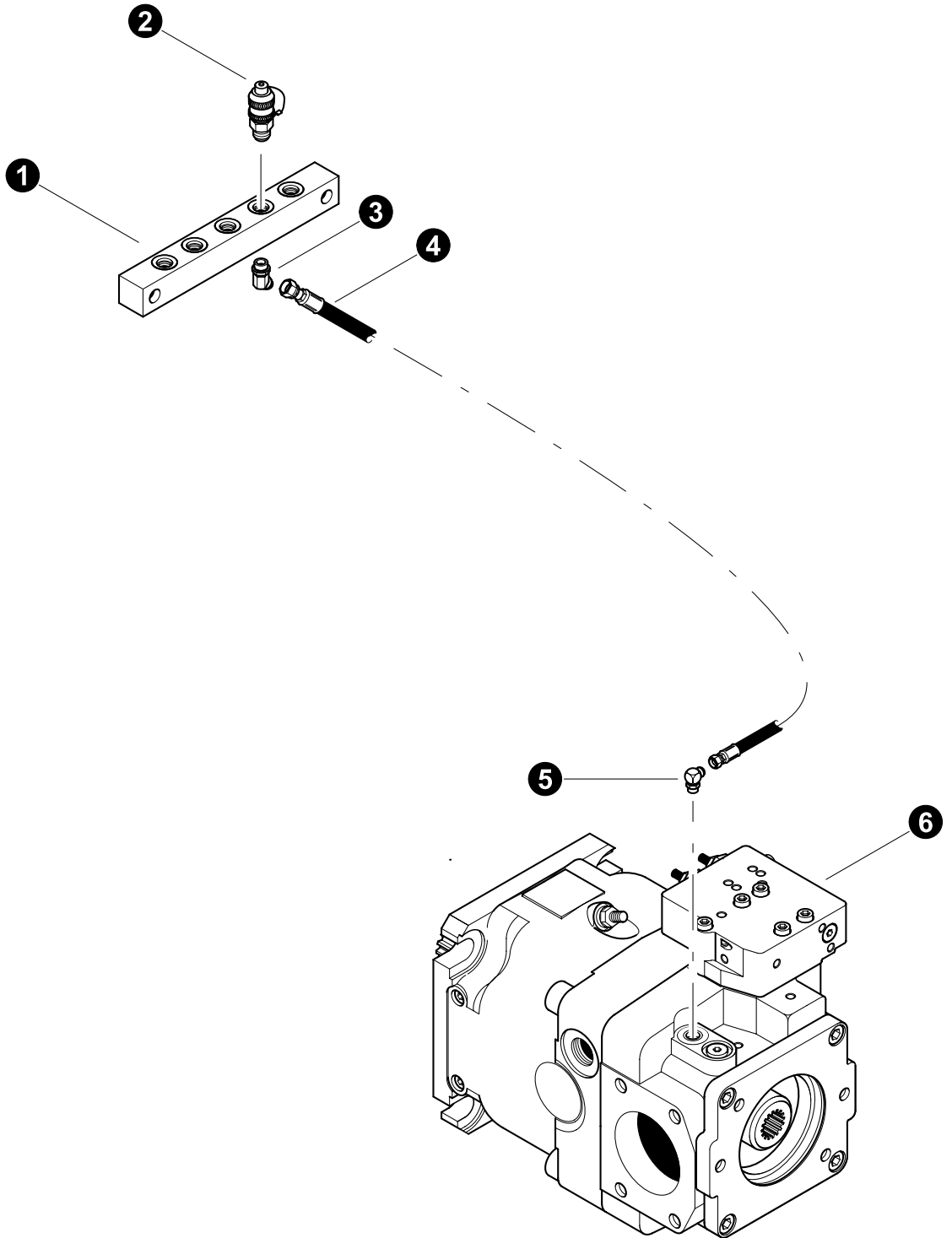


MAIN CONTROL VALVE RETURN LINE

TL725B-0026-051909 and after


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


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



Parts T3746 11/08
18.75

IMPLEMENT PUMP GAUGE PORT

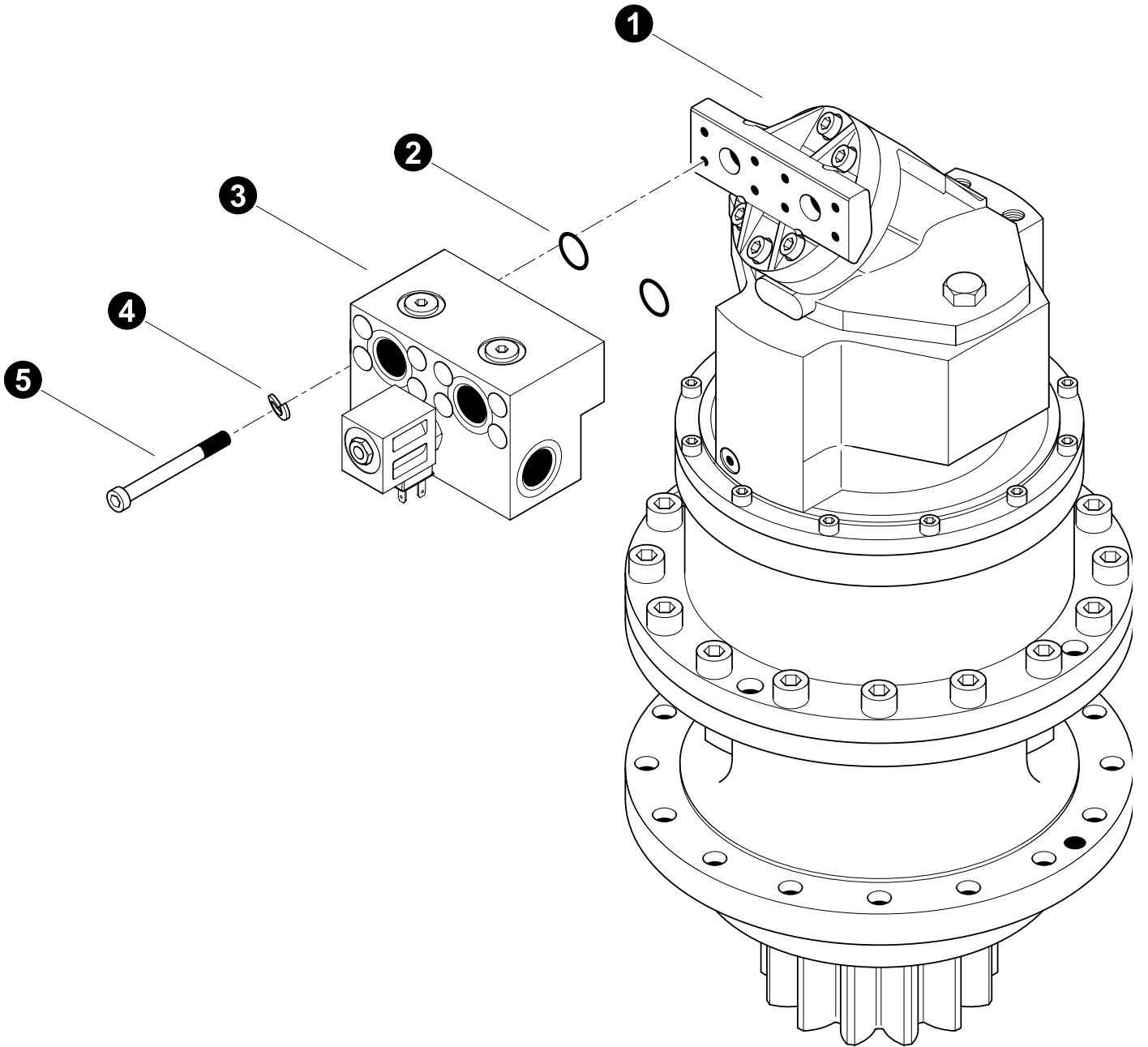
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	22287-DH	1	MANIFOLD, PRESSURE CHECK	
2	16037-FH	1	TAP, gauge port (1/4" ORB)	
3	51884-DH	1	ELBOW, 45 - (4 V50X-S)	
4	-FH	1	HOSE ASSEMBLY - 2048-02-04JS-04JS (Implement Pump to pressure check manifold) Part of kit #52203	
5	51889-FH	1	ELBOW, 90 - (4C50X-S)	
6	REF.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

 See referenced page for component or assembly breakdown.

 Kit or Assembly - includes all items indented underneath.



Section FH-3

Feller Buncher Hydraulics - Swing Motor Hydraulics



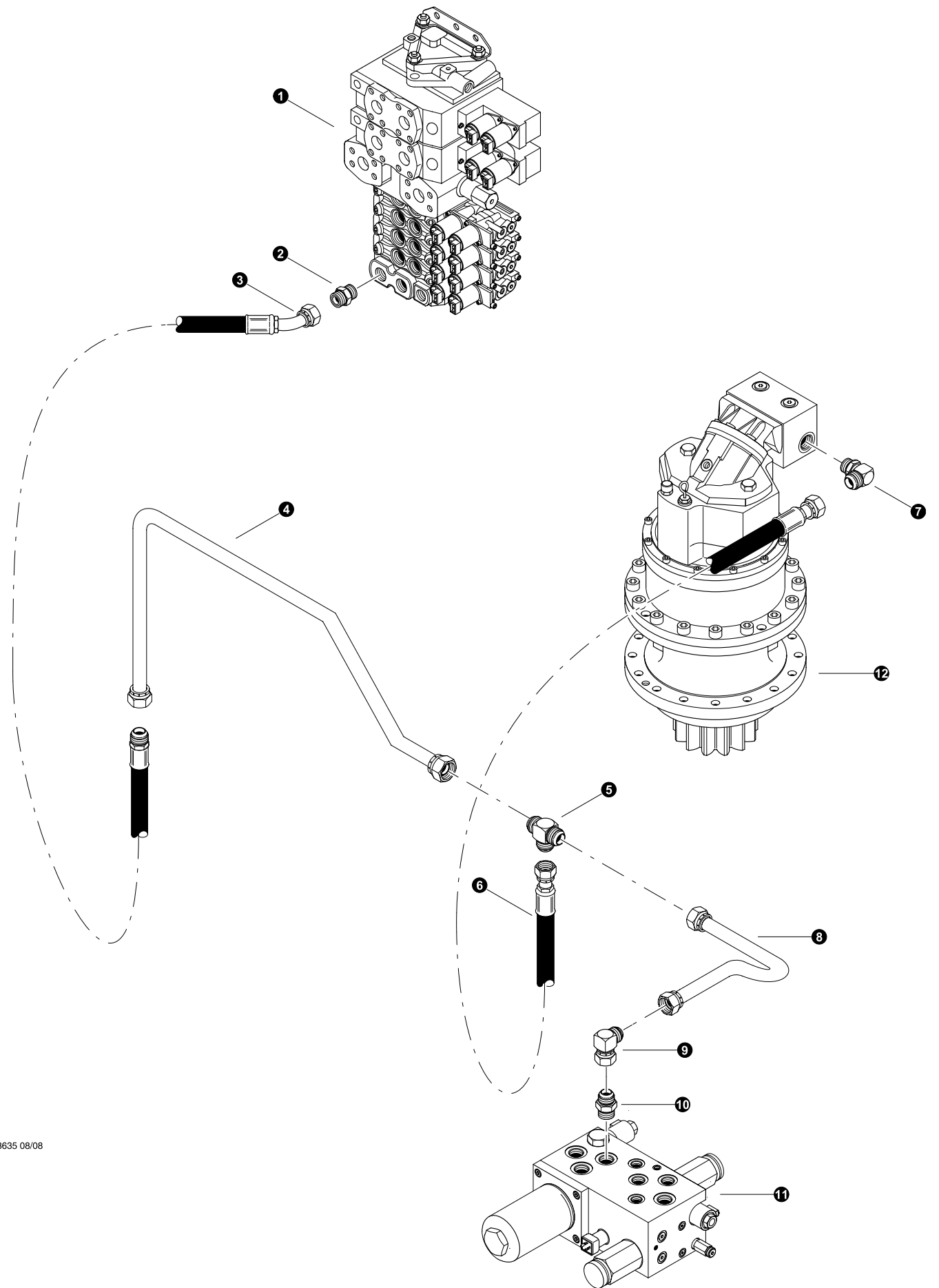
Parts T3234 07/29/2005
25.00

SWING MOTOR HYDRAULICS (anti-cavitation valve installation)

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





See referenced page for component or assembly breakdown.

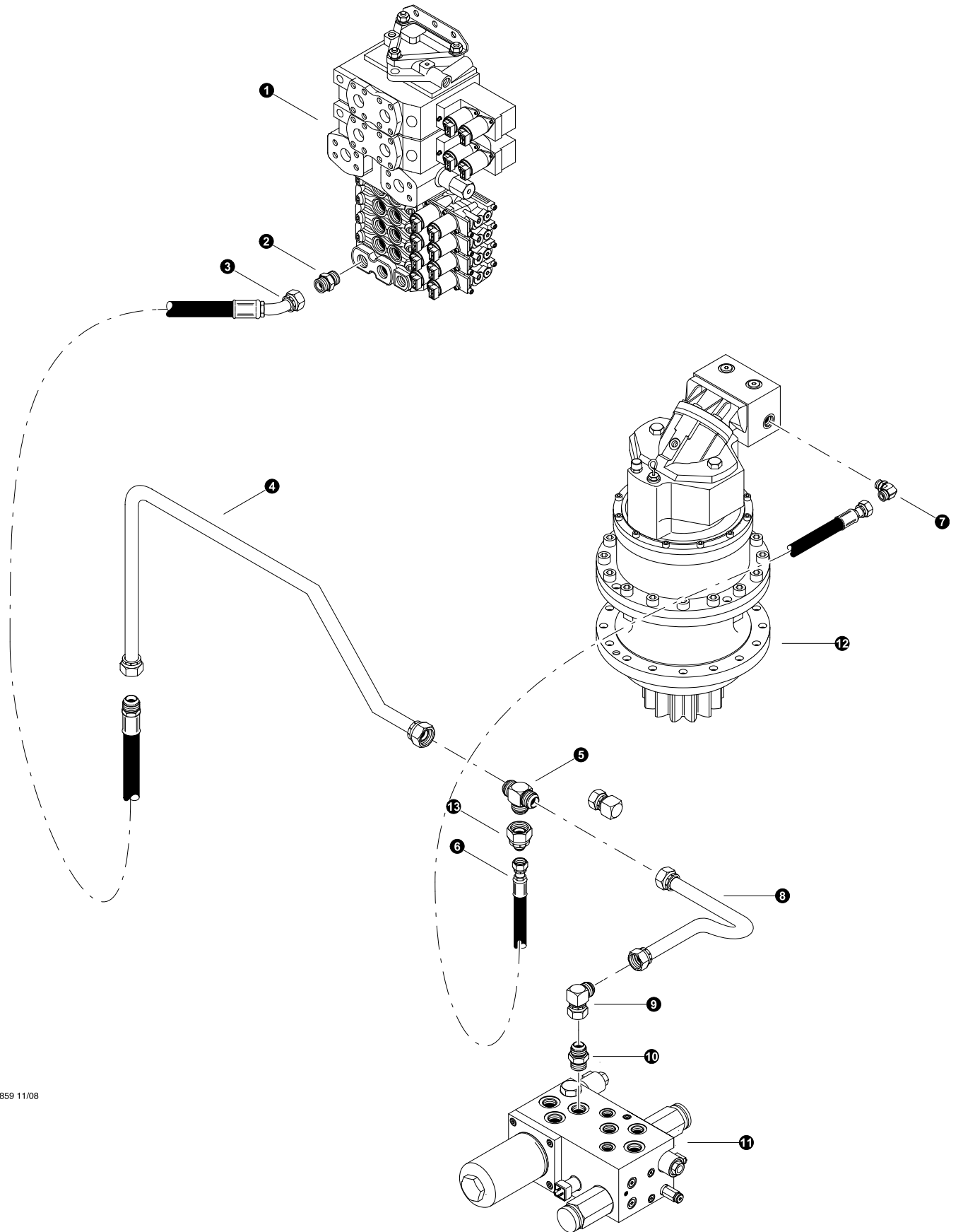


Parts T3635 08/08
25.00

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



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


 See referenced page for component or assembly breakdown.

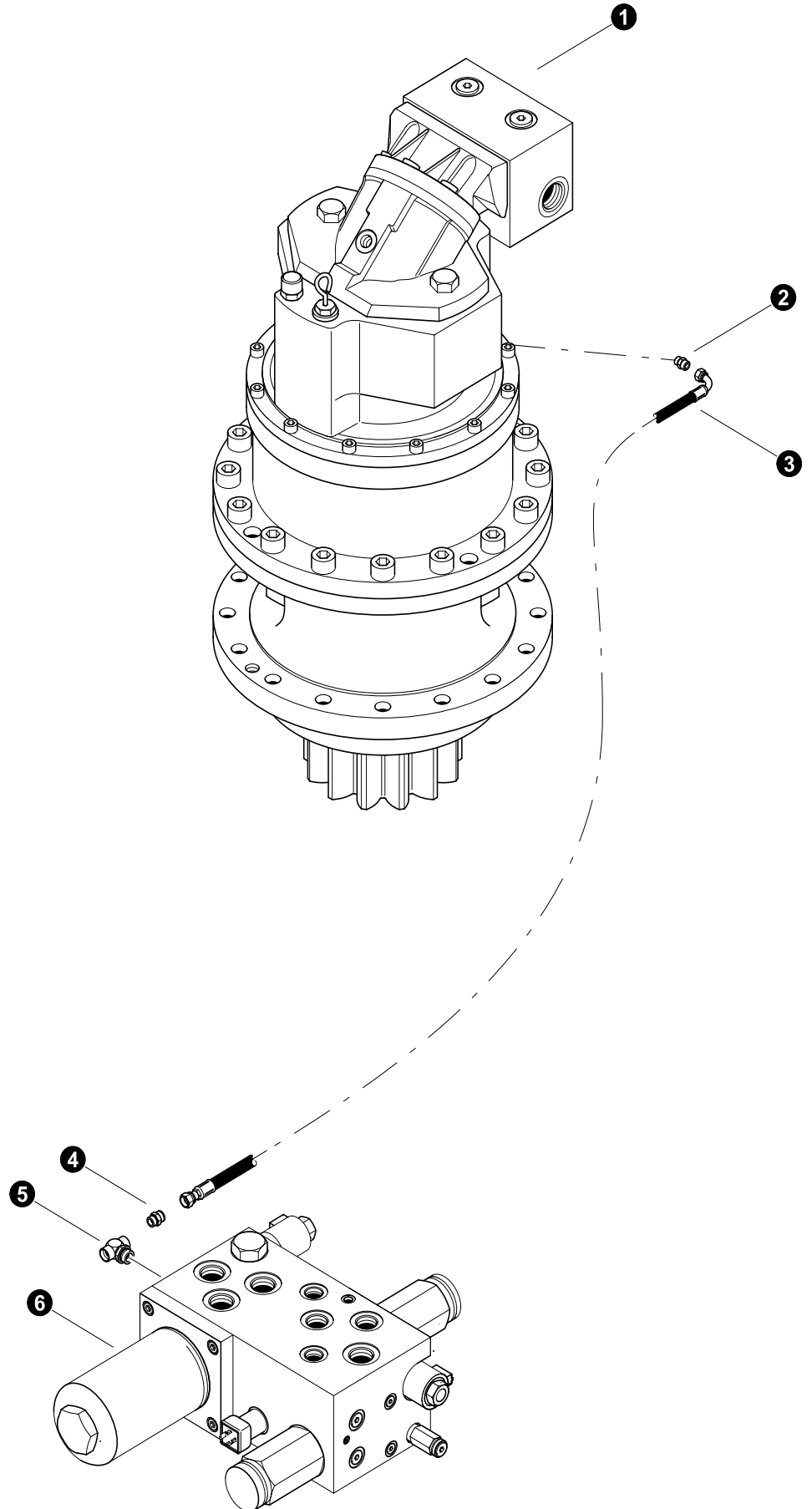


Parts T3859 11/08
25.00

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



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

 See referenced page for component or assembly breakdown.

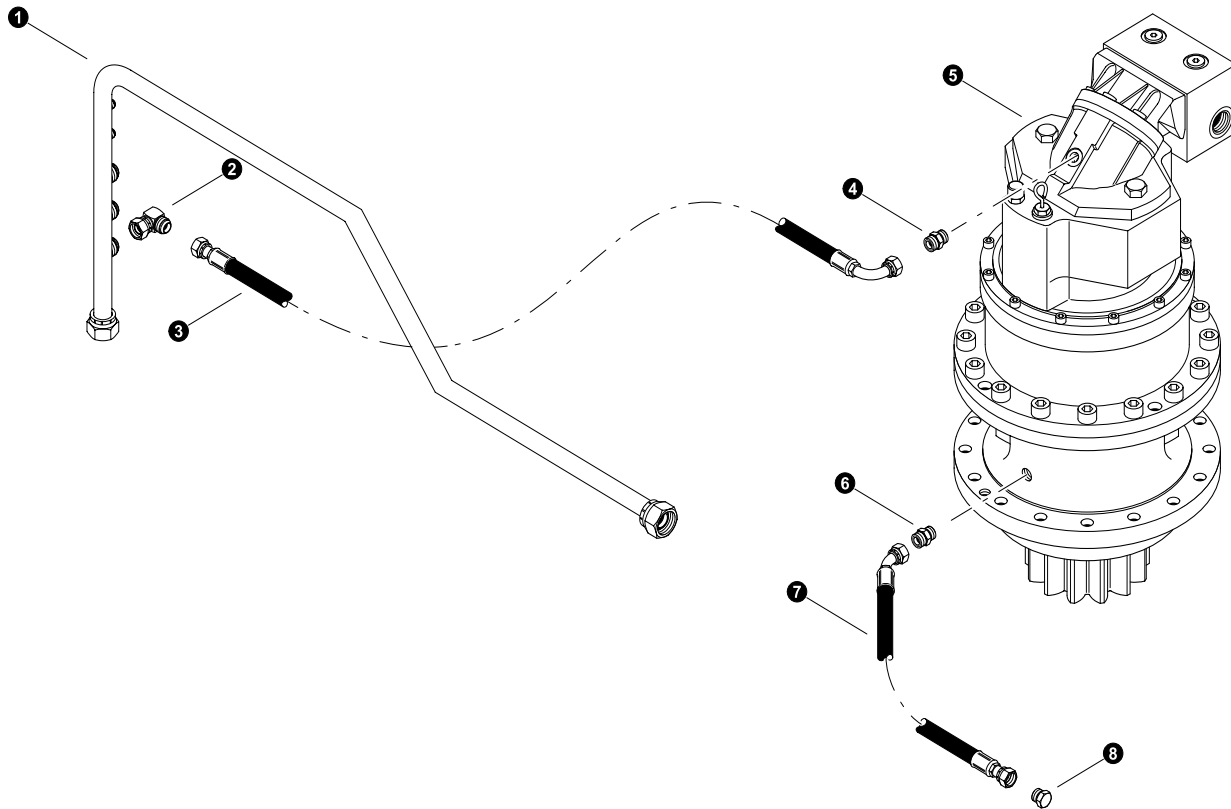


Parts T3636 08/08
25

SWING MOTOR HYDRAULICS (swing gearbox brake release)


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

 See referenced page for component or assembly breakdown.

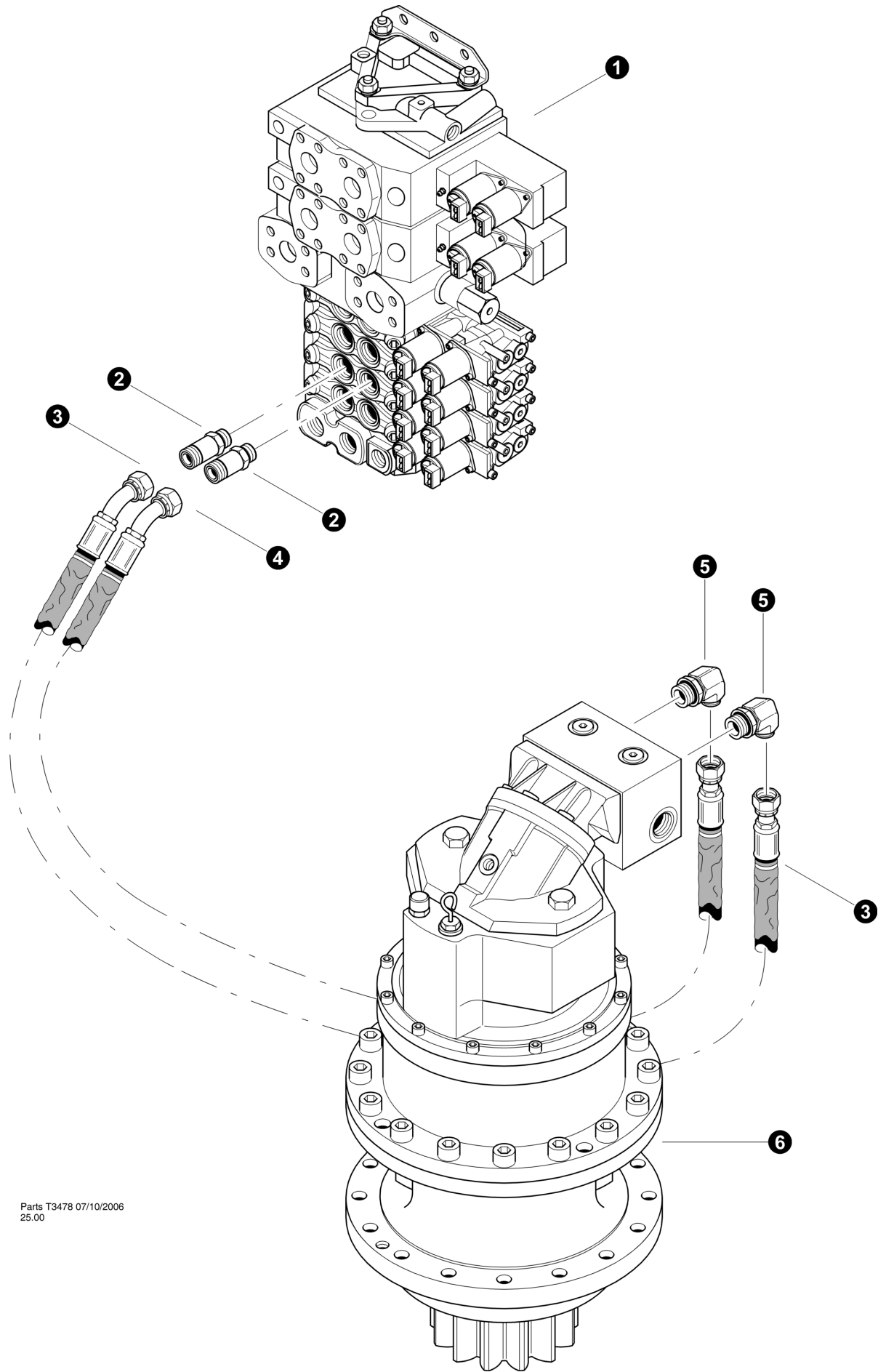


Parts T3637 08/08
25.00

SWING MOTOR HYDRAULICS (swing motor drain)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52942-FH	1	MANIFOLD, CASE DRAIN (3) #8 PORTS	
2	16360-FH	1	ELBOW, 90 - FF1868T-0808S	
3	-FH	1	HOSE ASSEMBLY - 2054-08-08JS-0809 (swing motor case drain to drain manifold tube)	
4	24182-FH	1	CONNECTOR, STR - 6002-08-8BSPP	
5	REF.	1	 MOTOR/GEARBOX - SWING	FH-3
6	24182-FH	1	CONNECTOR, STR - 6002-08-8BSPP	
7	-FH	1	HOSE ASSEMBLY - 2025-08-08OS-0804 (swing motor gearbox drain)	
8	11390-FH	1	PLUG - 2408-8	

 See referenced page for component or assembly breakdown.

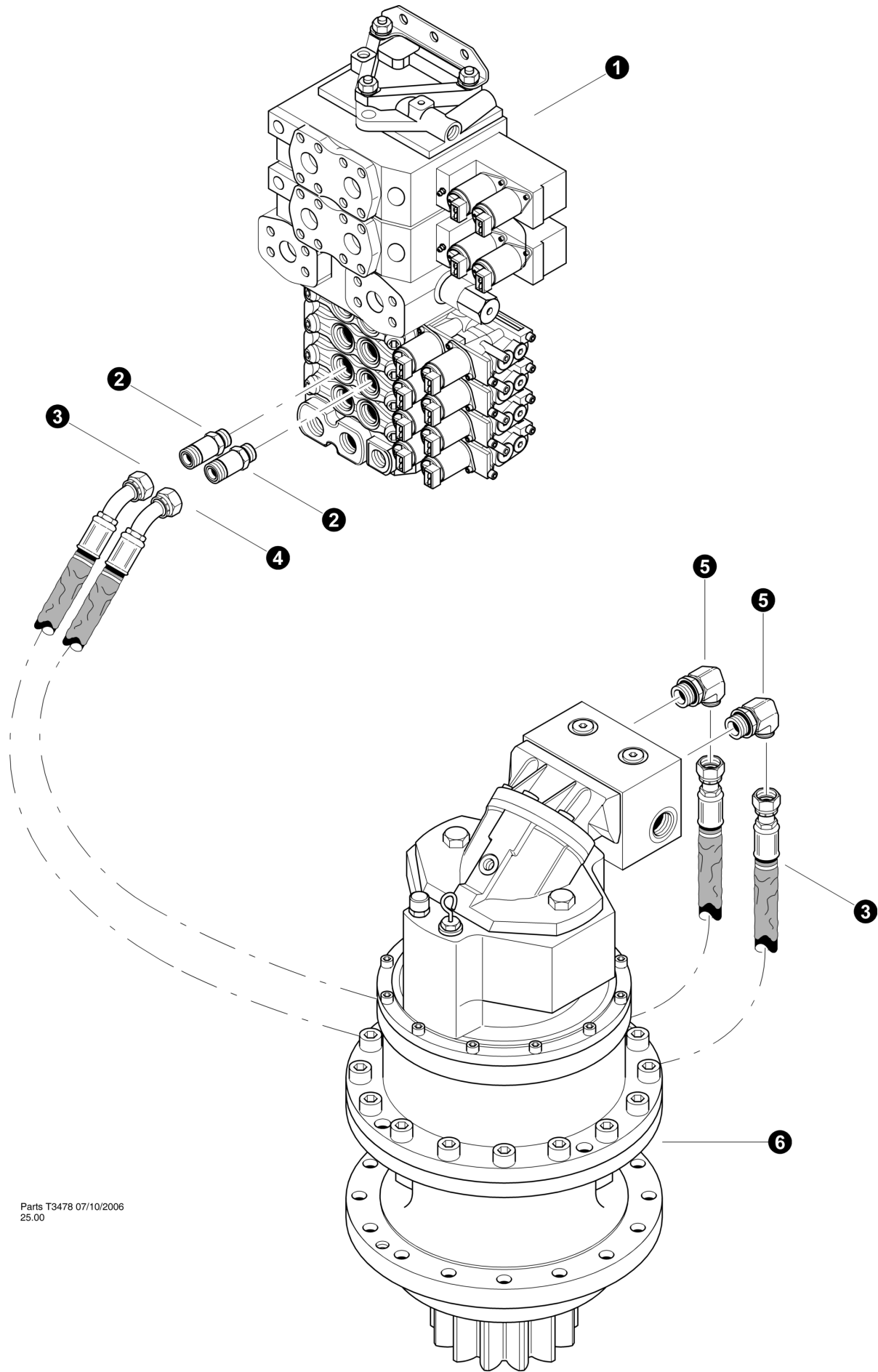


Parts T3478 07/10/2006
25.00

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



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


 See referenced page for component or assembly breakdown.

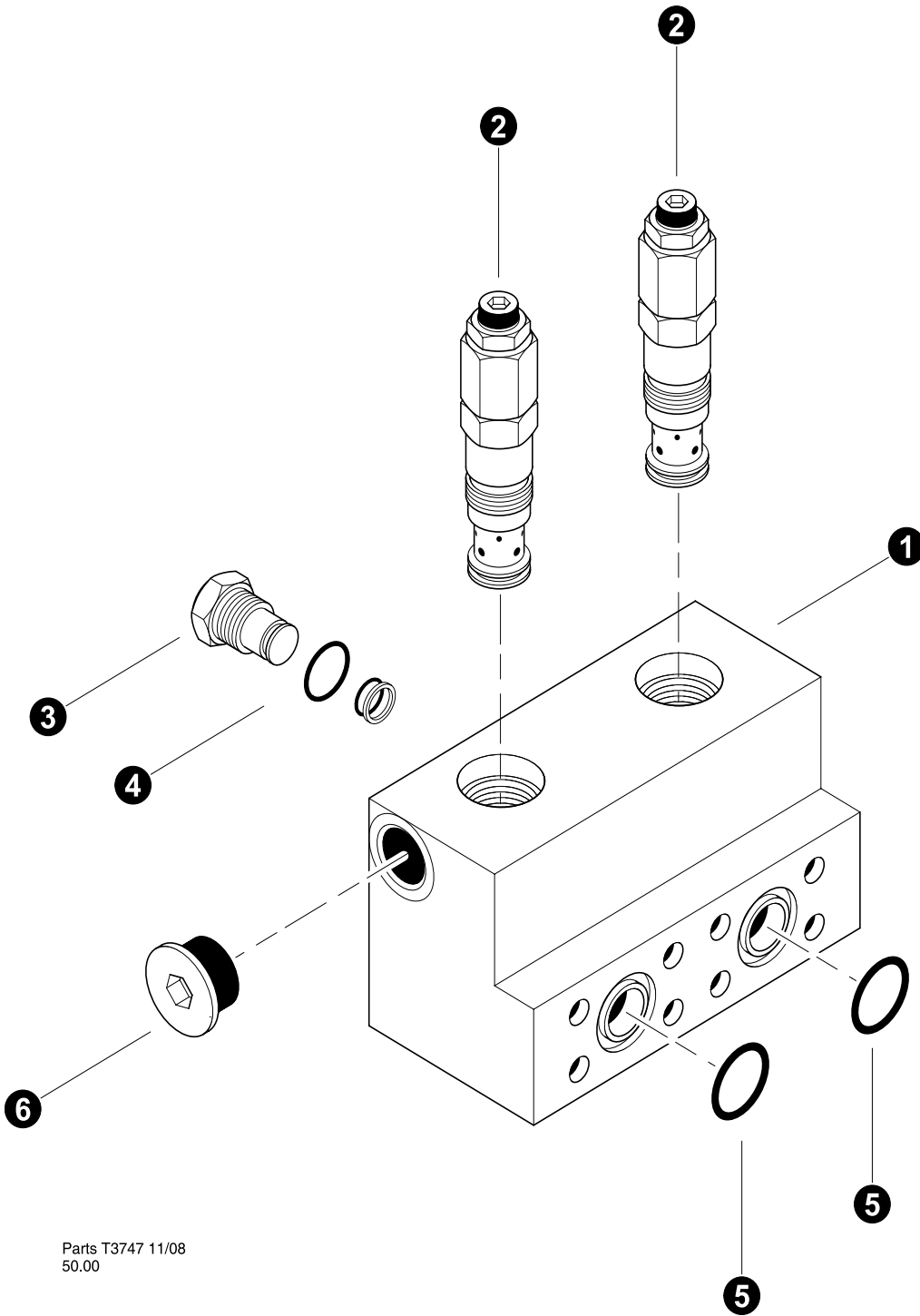


Parts T3478 07/10/2006
25.00

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

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

 See referenced page for component or assembly breakdown.



Parts T3747 11/08
50.00

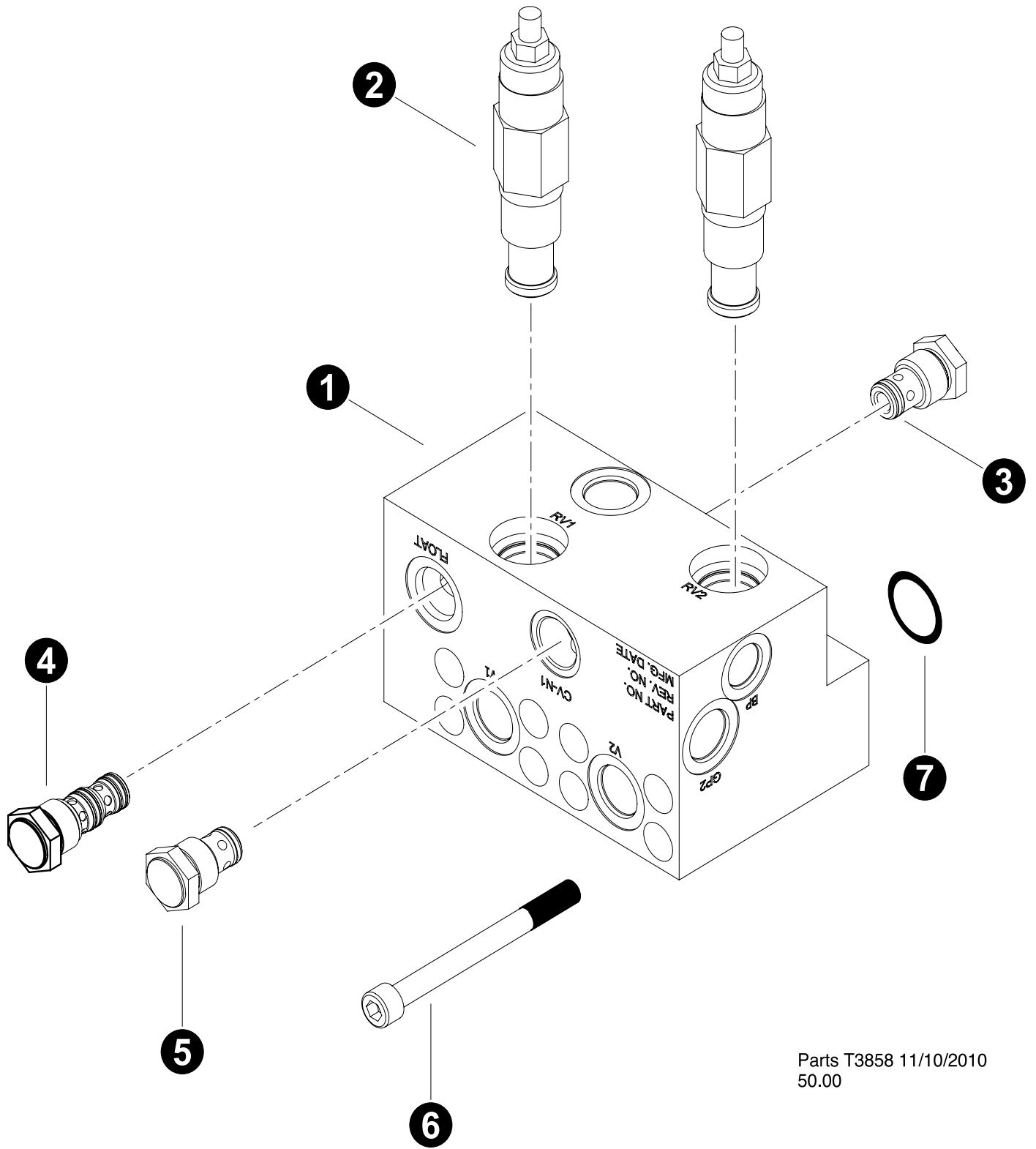
**SWING MOTOR HYDRAULICS
(anti-cavitation valve)
SN 0073 and Before**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52015-FH	1		VALVE, SWING ANTI/CAV W/FLOAT LOW MOUNT	
2	51507-FH	2		CARTRIDGE, Anti-Cav (51055-20 D03 B)	
3	53652-FH	2	<input type="checkbox"/>	PLUG, CAVITY SWING MOTOR - TRACK MACHINE	
4	-FH	1	⌘	KIT, SEAL - Cavity Plug	
5	-FH	2		O-RING - 3/4" code 62	
6	11385-FH	1		PLUG - 6408-12	

Kit or Assembly - includes all items indented underneath.

Note:

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



Parts T3858 11/10/2010
50.00

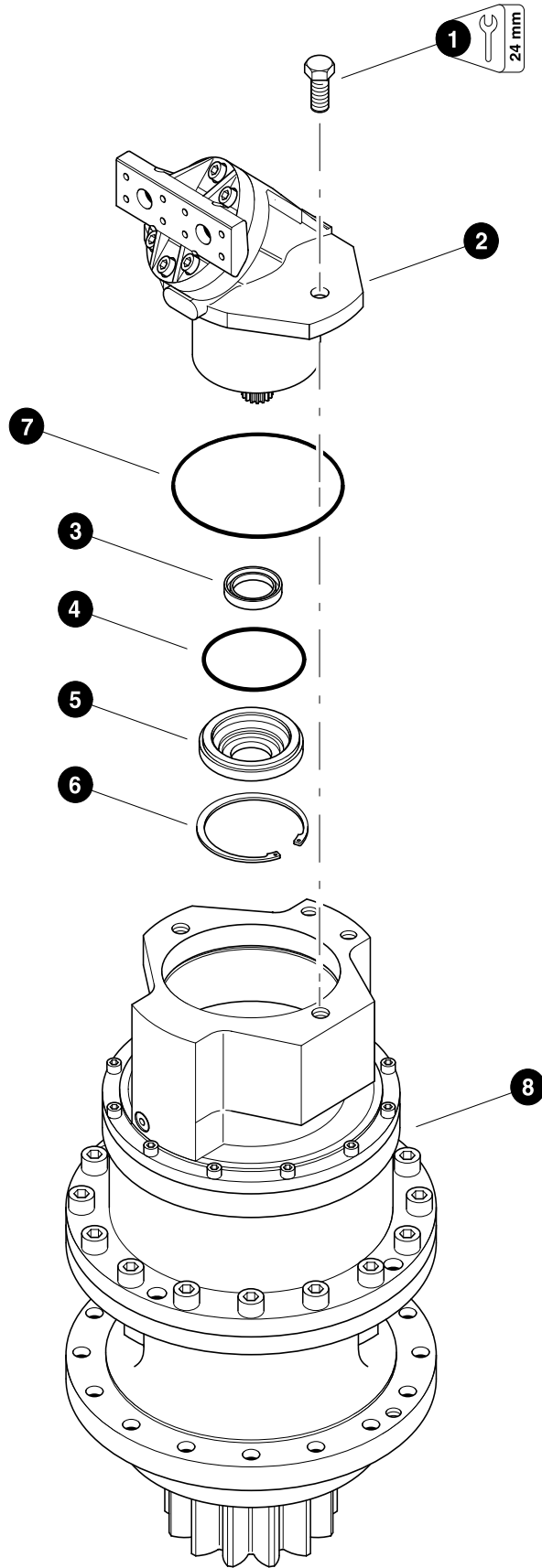
**SWING MOTOR HYDRAULICS
(anti-cavitation valve)
SN 0074 and After**

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

Kit or Assembly - includes all items indented underneath.

Note:

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



SWING MOTOR HYDRAULICS (swing motor installation)

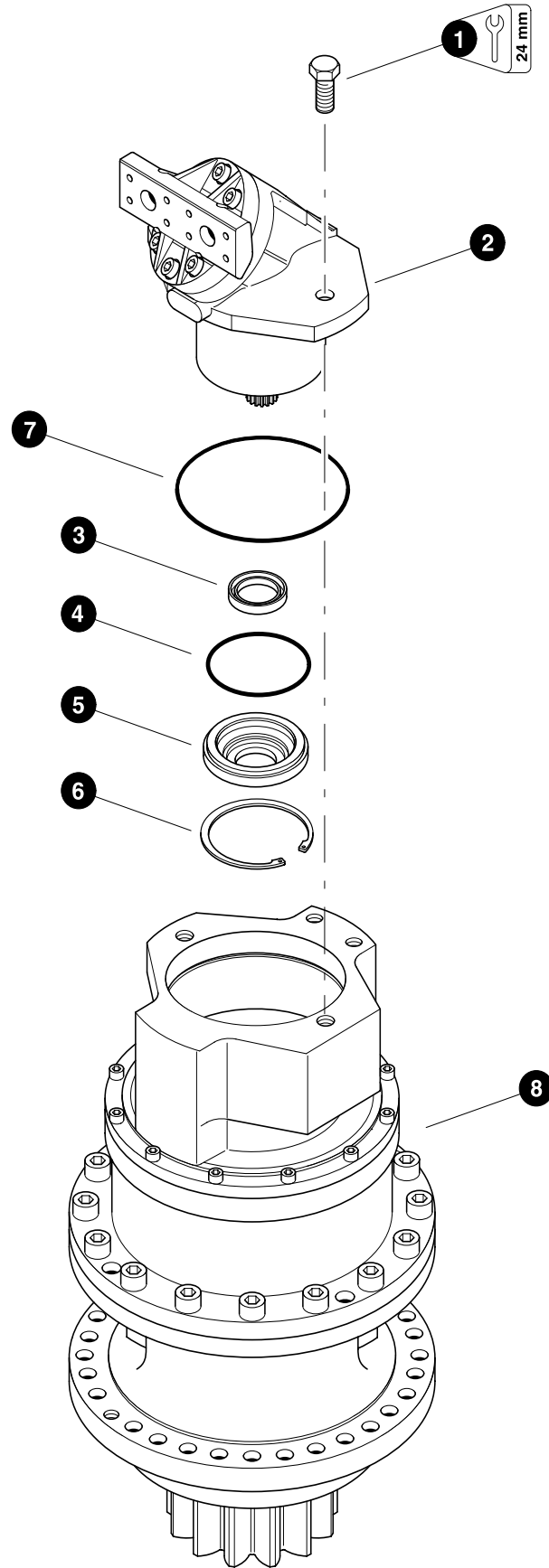
(Machine 0327-123109 and before)

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

Kit or Assembly - includes all items indented underneath.

Note:

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



SWING MOTOR HYDRAULICS (swing motor installation)

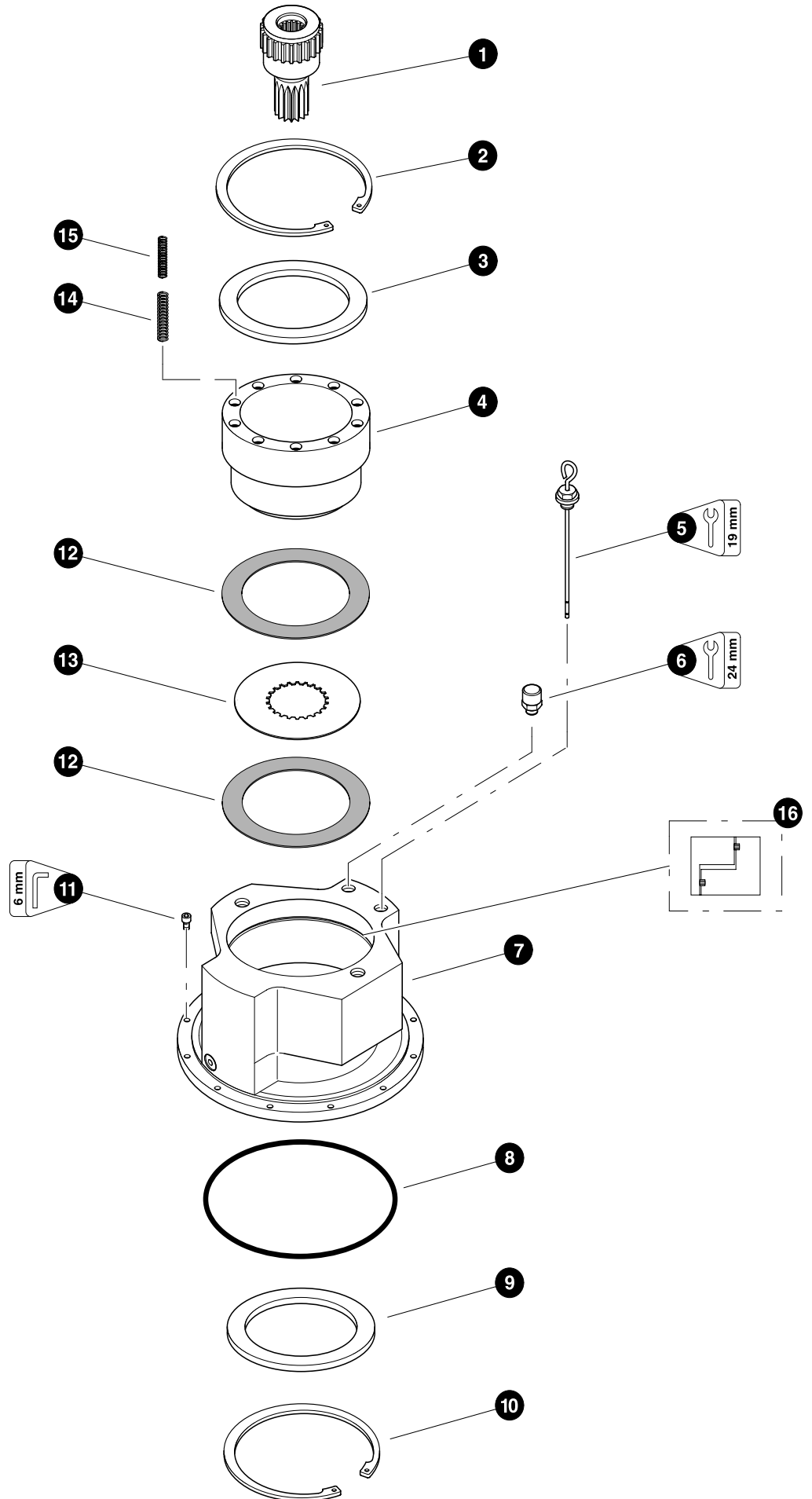
(Machine 0328-021010 and after)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
--	52745-LH	1	<input type="checkbox"/> MOTOR, SWING - ECCENTRIC L&S W/56 MOTOR	
1	20661-LH	1	BOLT - 16mm-2.0P x 35mm	
2	17238-LH	1	<input type="checkbox"/> MOTOR, hydraulic - Rexroth A2FE56 cc	
3	21576-LH	1	SEAL, shaft - 45cc	
	51638-LH	1	SEAL, shaft - 56cc	
4	21577-LH	1	O-RING, front cover - 45cc	
	51639-LH	1	O-RING, front cover - 56cc	
5	21578-LH	1	COVER, front	
6	21579-LH	1	RING, seal retaining	
7	21580-LH	1	O-RING, motor pilot	
8	-LH	1	GEARBOX - Lohmann	

Kit or Assembly - includes all items indented underneath.

Note:

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



Parts 00626 11/10/2000
25.00

SWING MOTOR HYDRAULICS (swing gearbox breakdown)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	22694-FH	1		GEARBOX - Lohmann (Machine 0327-123109 and before)	
-	-FH	1		GEARBOX - Lohmann (Machine 0328-021010 and after)	
1	21565-FH	1		SHAFT, brake	
2	21566-FH	1		RING, snap - upper brake	
3	21567-FH	1		PLATE, back-up - upper brake	
4	21568-FH	1		PISTON, brake	
5	21569-FH	1	☐	DIPSTICK	
	21571-FH	1		RING, seal	
6	21570-FH	1	☐	BREATHER	
	21571-FH	1		RING, seal	
7	NSS	1		HOUSING, brake	
8	21572-FH	1		O-RING, brake housing	
9	21573-FH	1		PLATE, back-up - lower brake	
10	21574-FH	1		RING, snap - lower brake	
11	21575-FH	12		BOLT, allen head - 8mm x 25mm	
12	NSS	5	⌘	DISC, brake	
13	NSS	4	⌘	DISC, spacer	
14	NSS	10	⌘	SPRING, outer	
15	NSS	10	⌘	SPRING, inner	
--	21418-FH	1		KIT, repair - brake disc	

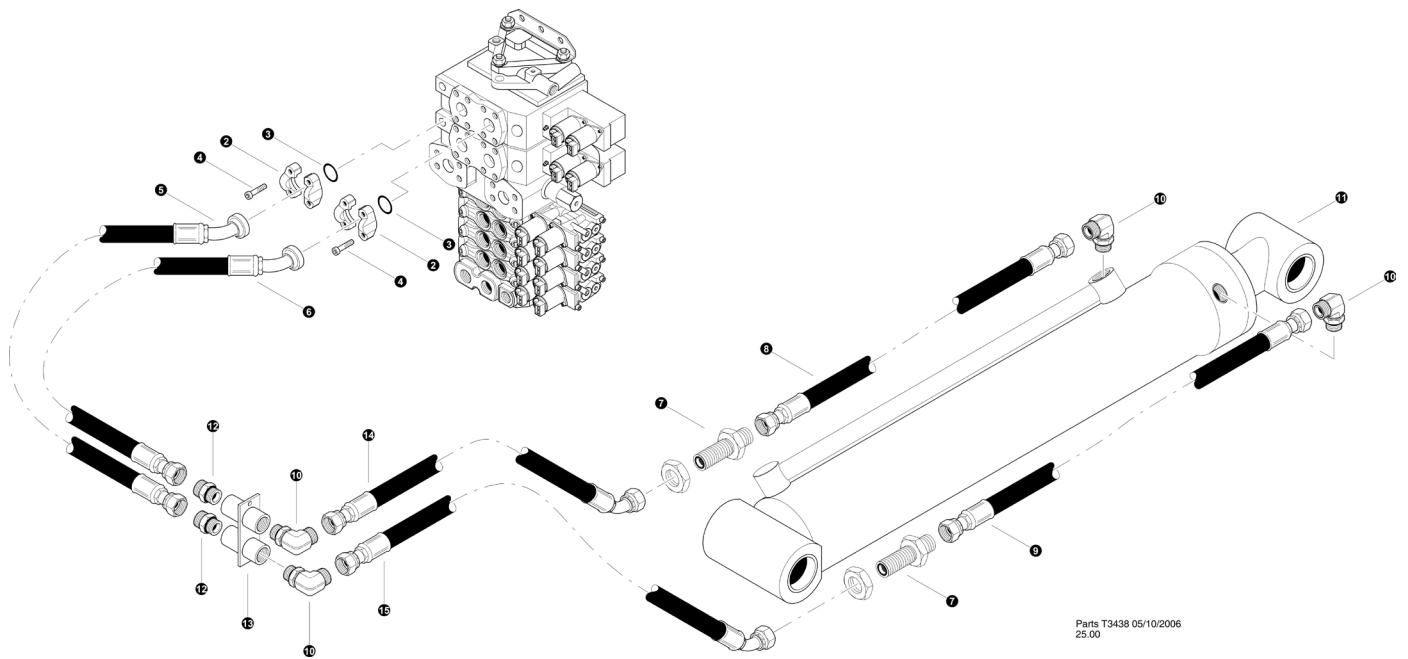
- ☐ Kit or Assembly - includes all items indented underneath.
 ⌘ Included in disc brake kit PN# 20788-UP.

Note:

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

Section FH-4




Feller Buncher Hydraulics - Implement Connections - Common



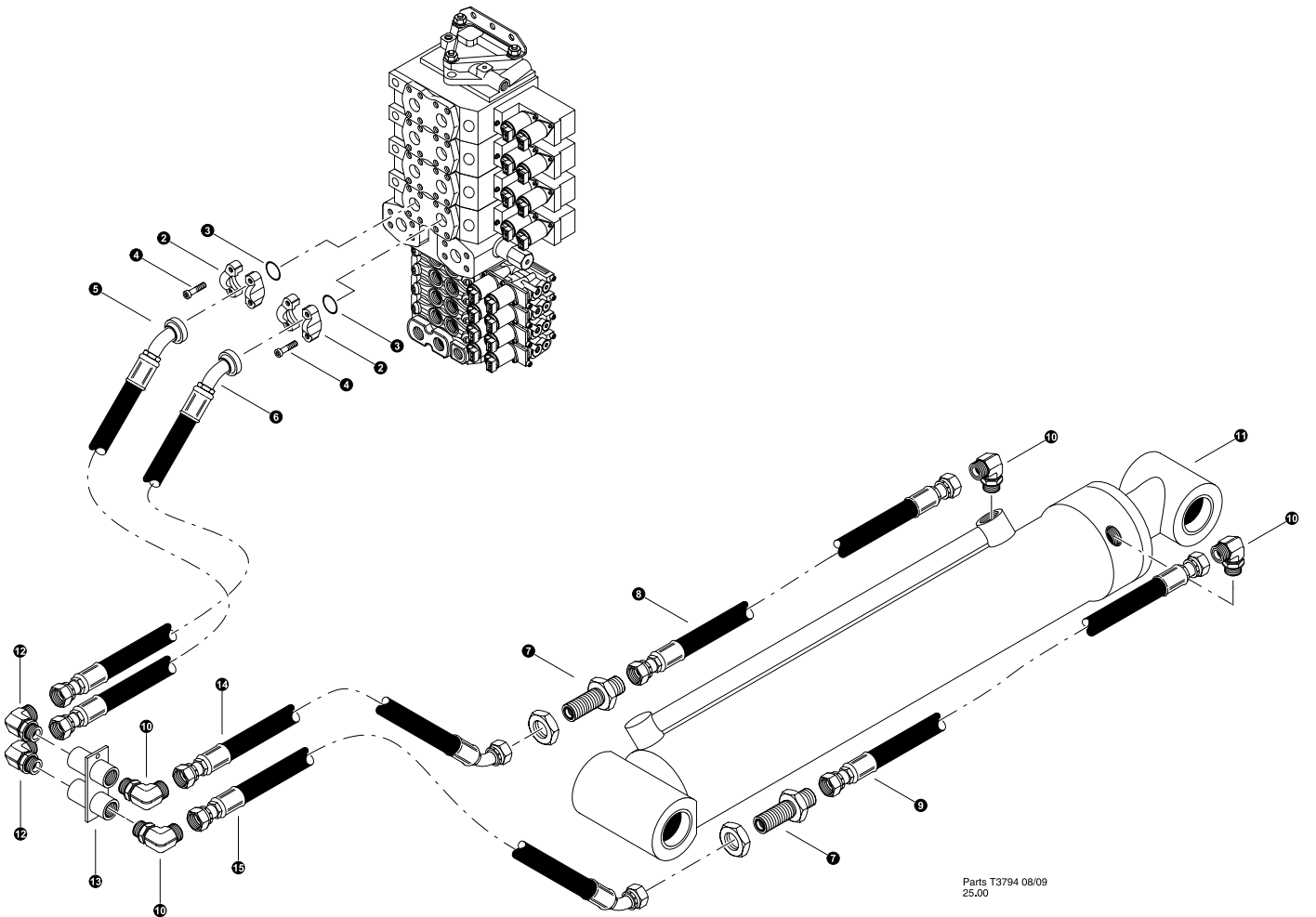
Parts T3438 05/10/2006
25.00

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

TN725B-0025-041309 and Before




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


 See referenced page for component or assembly breakdown.

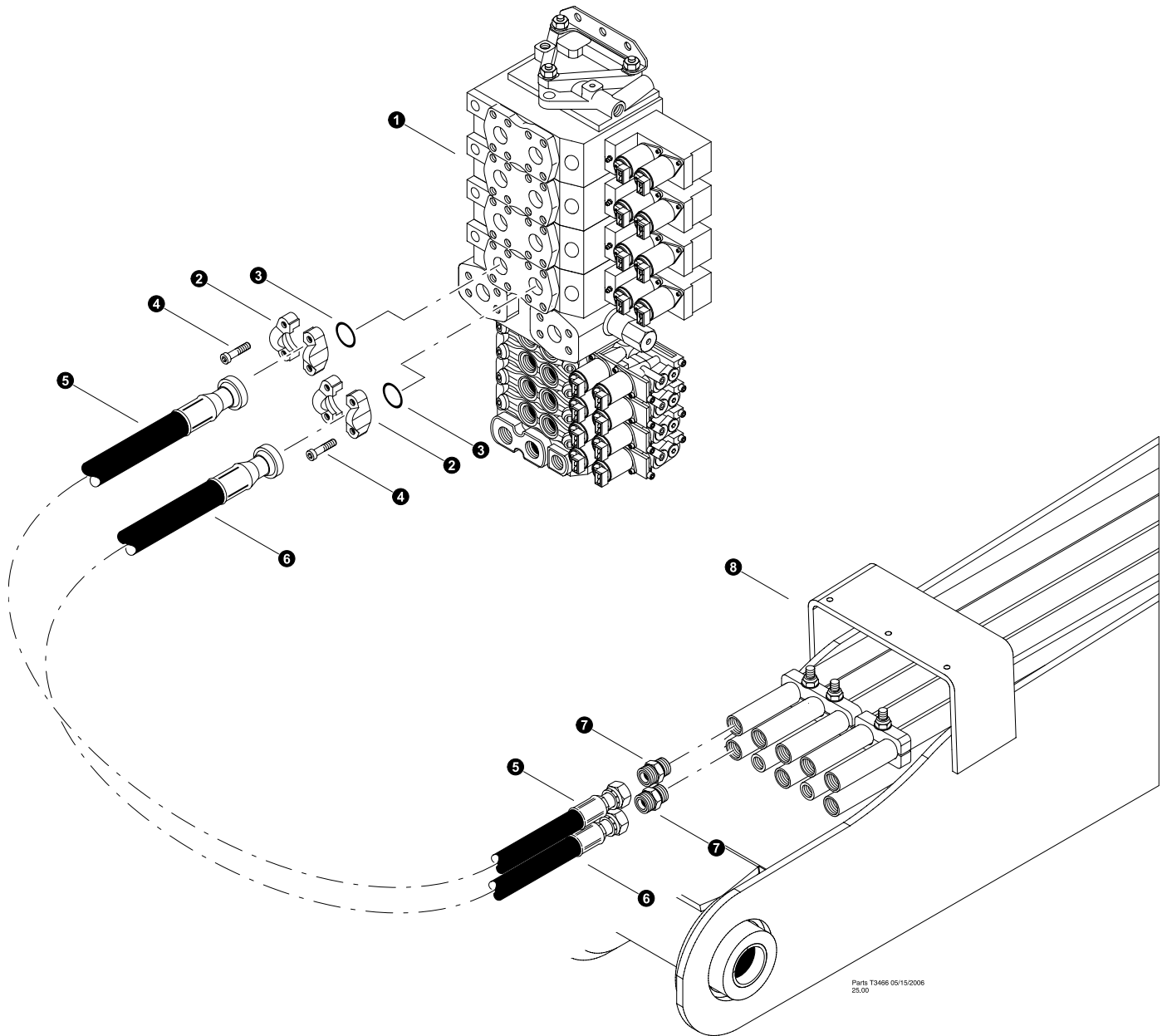


MAIN BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom (Hoist) Cylinder)

TL725B-0026-051909 and after

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




 See referenced page for component or assembly breakdown.



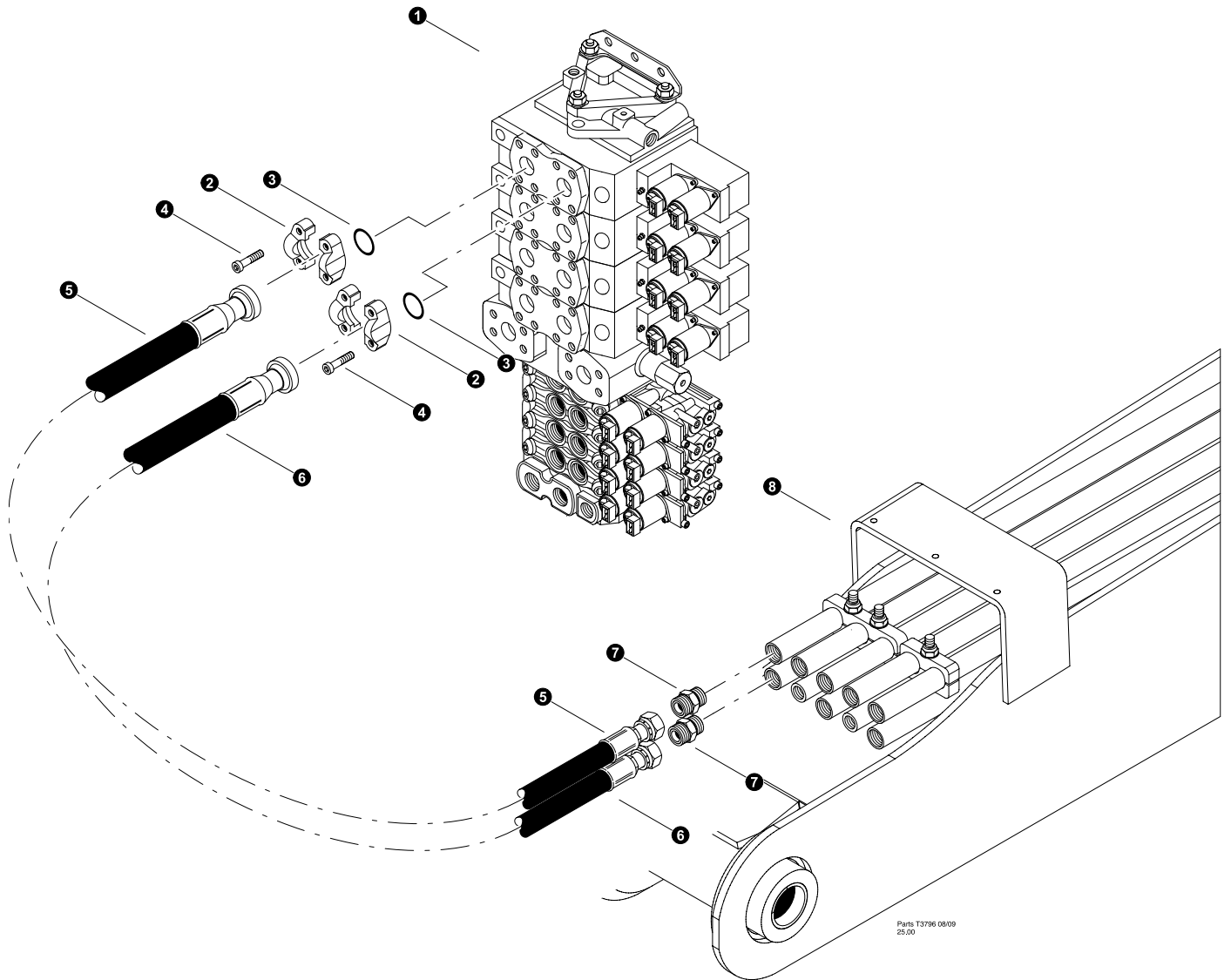
Parts T3466 05/19/2006
25.00

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

TN725B-0025-041309 and Before




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

 See referenced page for component or assembly breakdown.

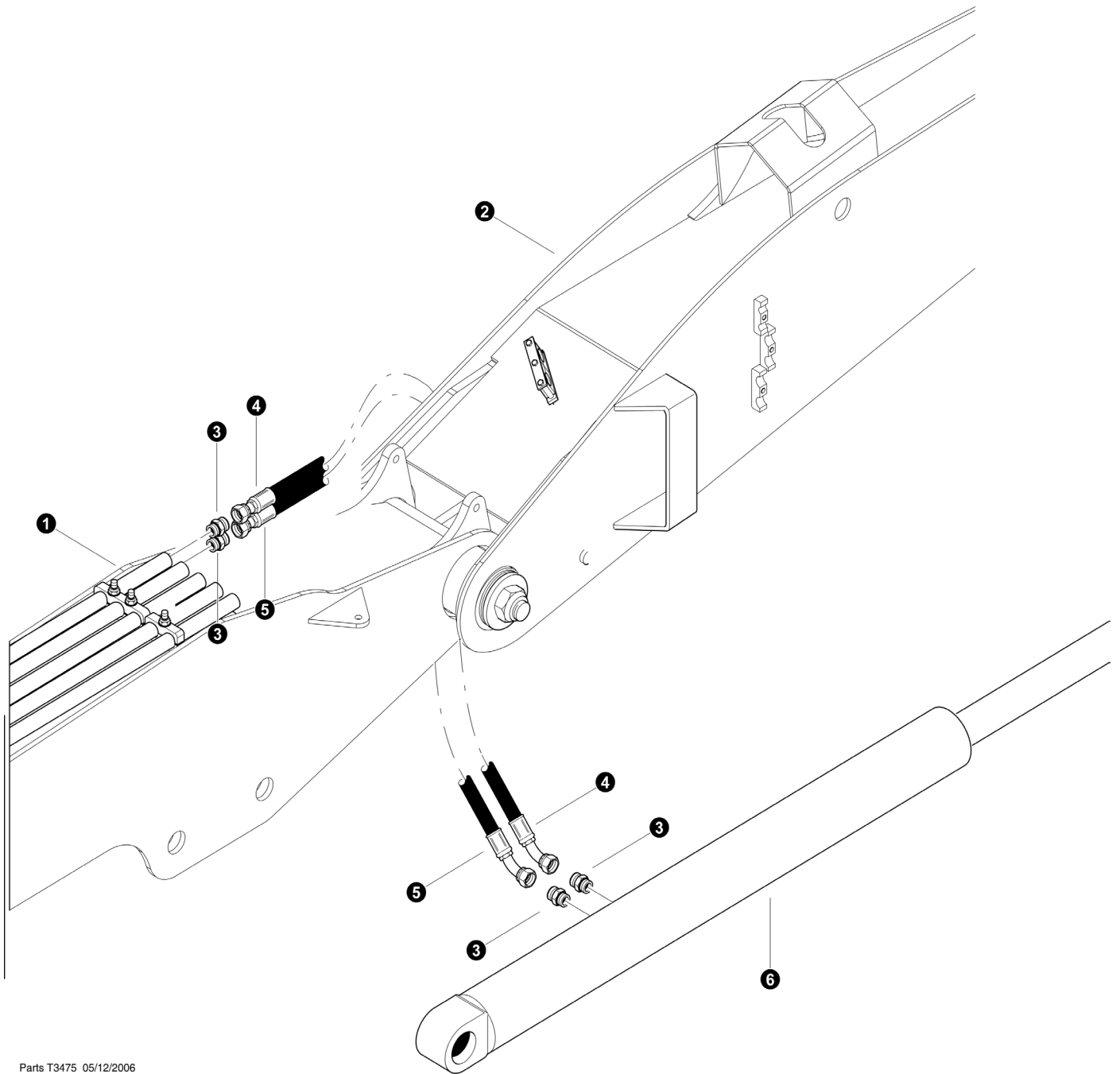


STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

TL725B-0026-051909 and after




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


 See referenced page for component or assembly breakdown.

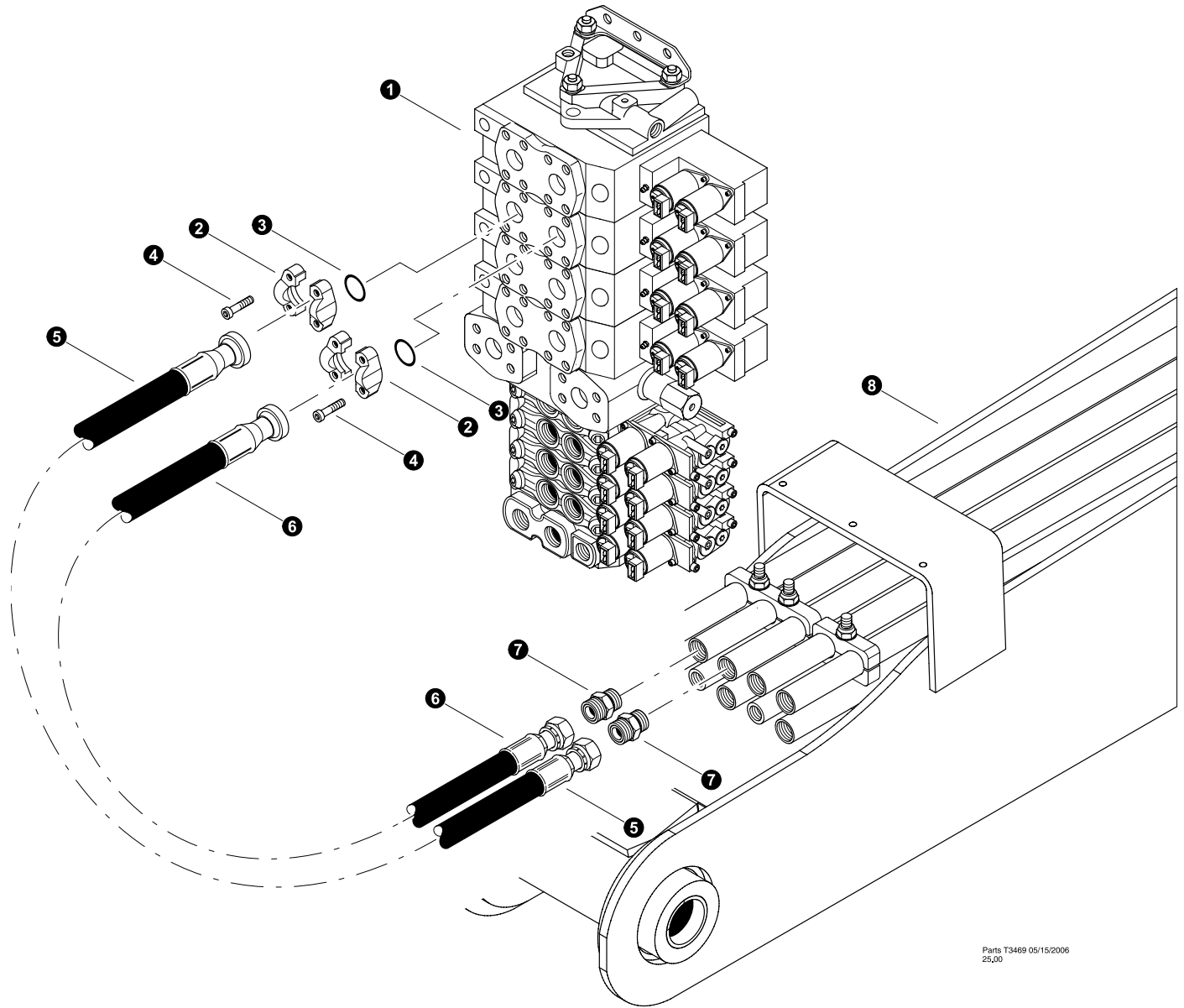


Parts T3475 05/12/2006
12.5

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




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


 See referenced page for component or assembly breakdown.

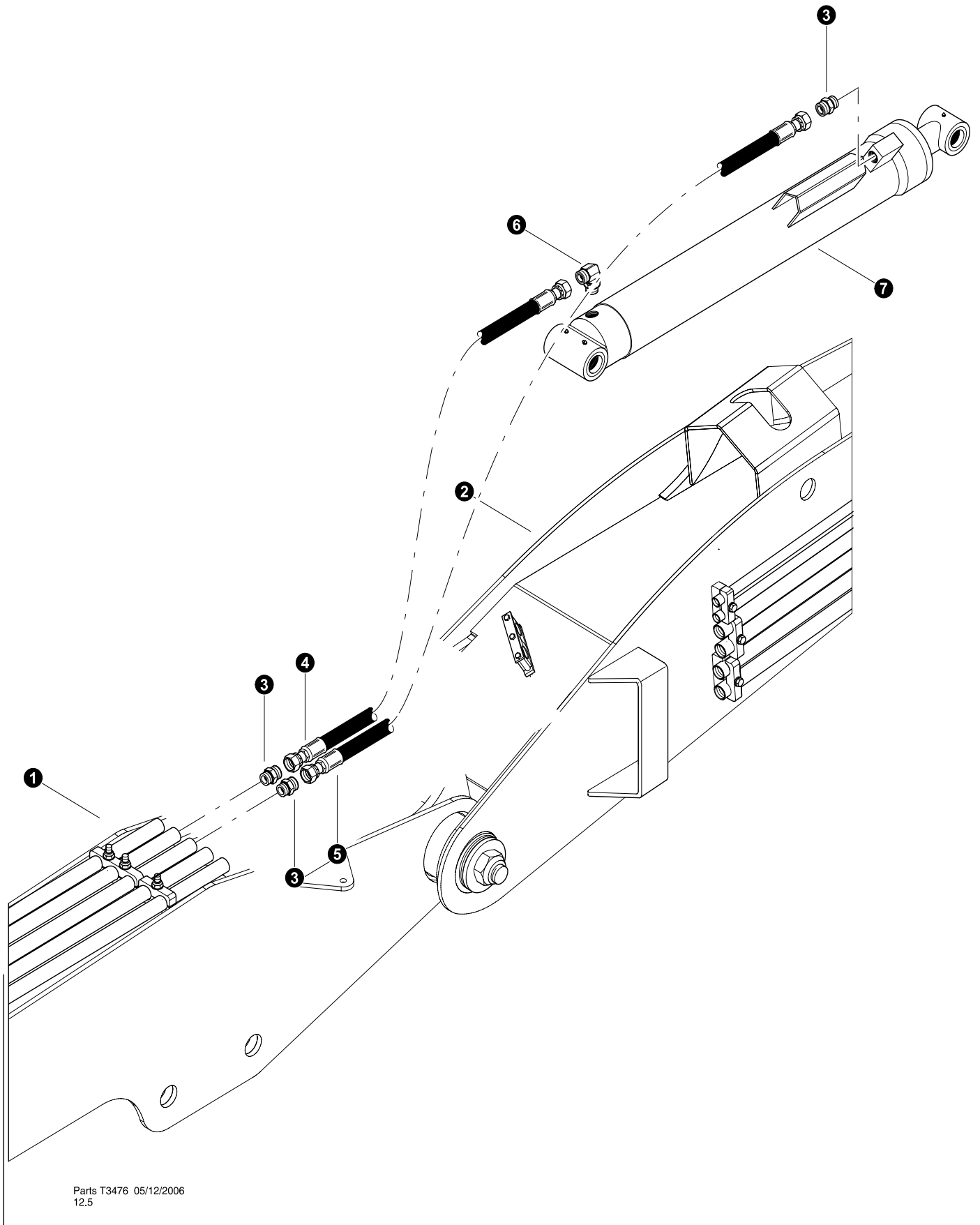


Parts T3469 05/15/2006
25,00

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




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

 See referenced page for component or assembly breakdown.

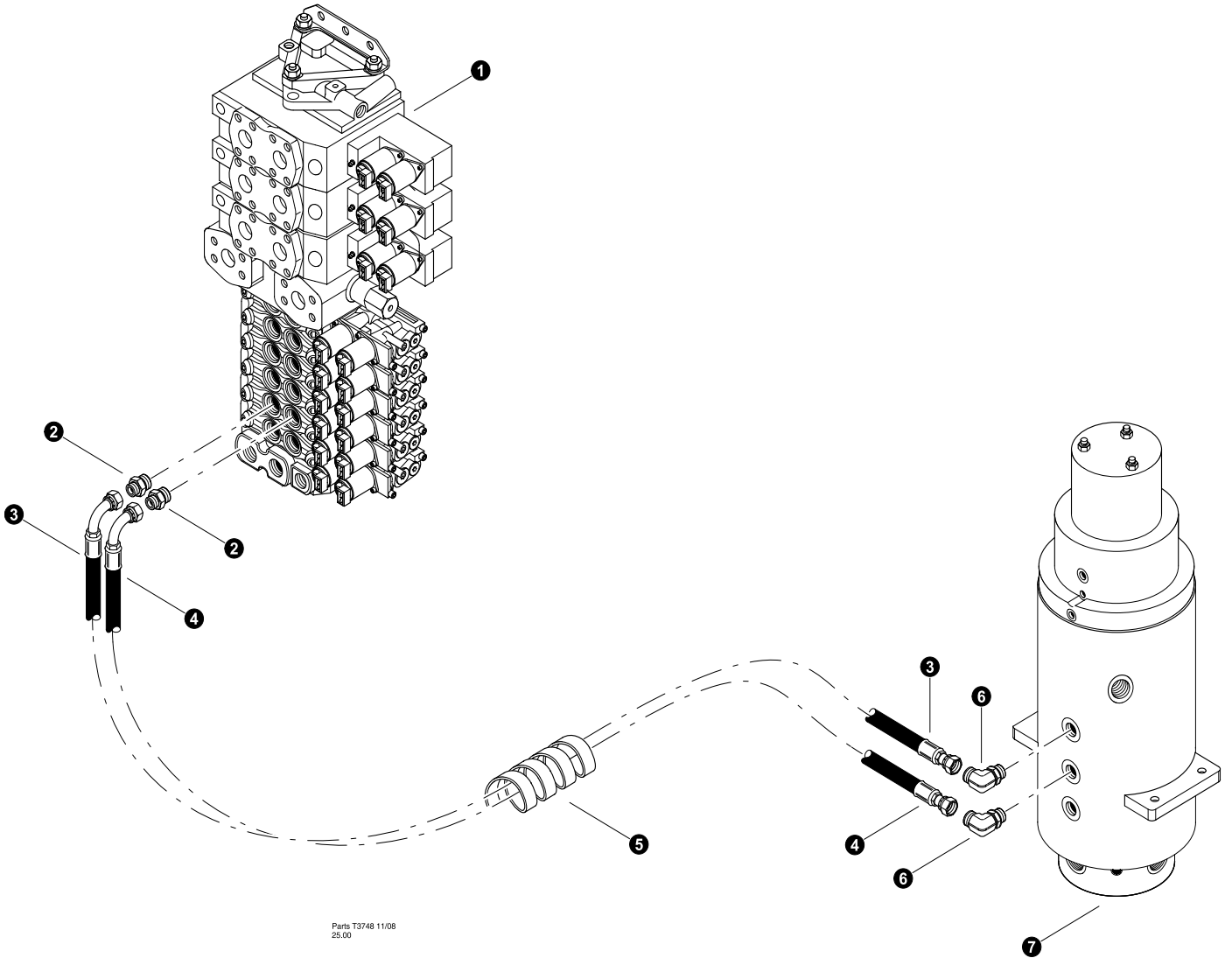


Parts T3476 05/12/2006
12.5



TOOL CYLINDER FUNCTION (Main Boom To Tool Cylinder)

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

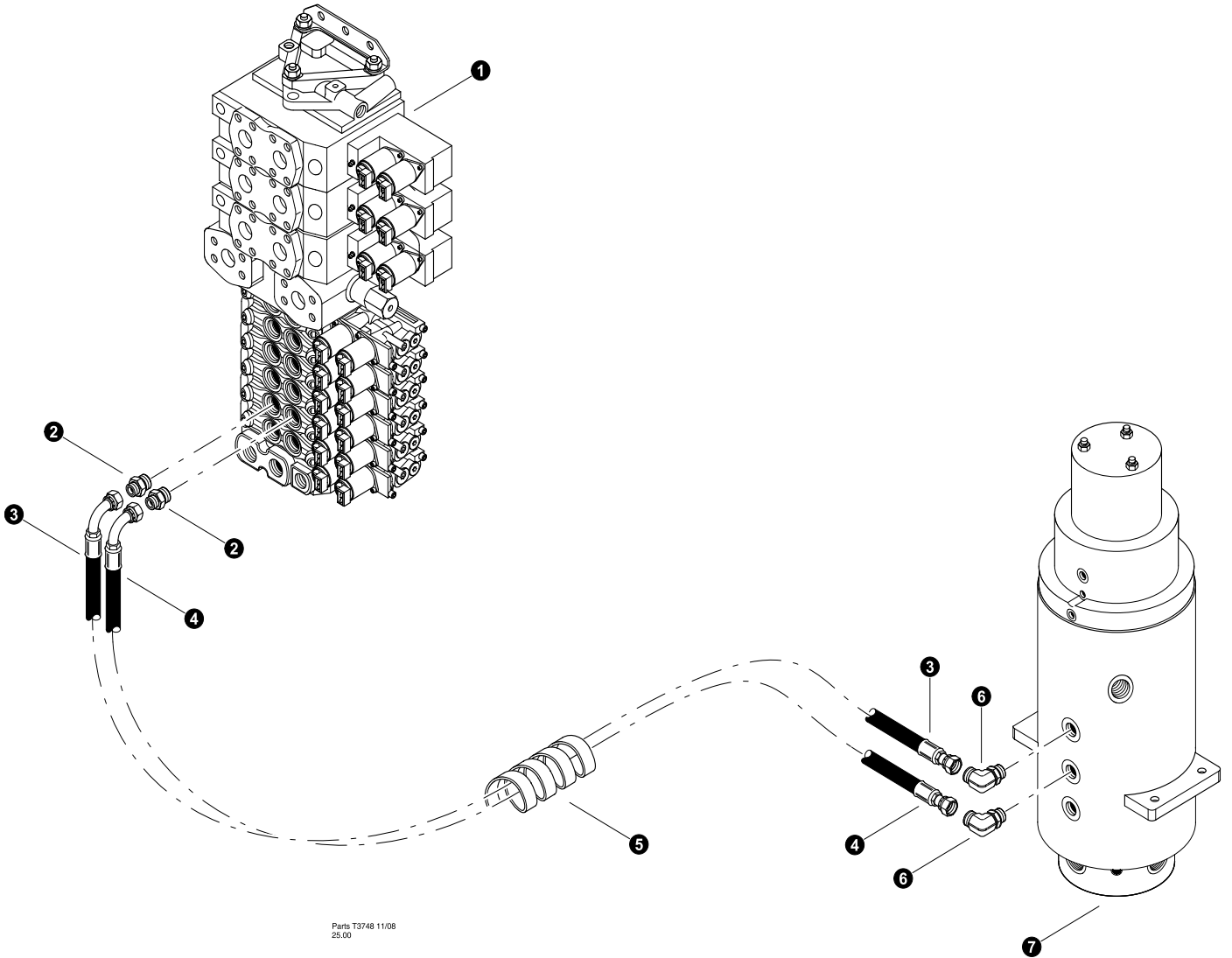
 See referenced page for component or assembly breakdown.





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

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

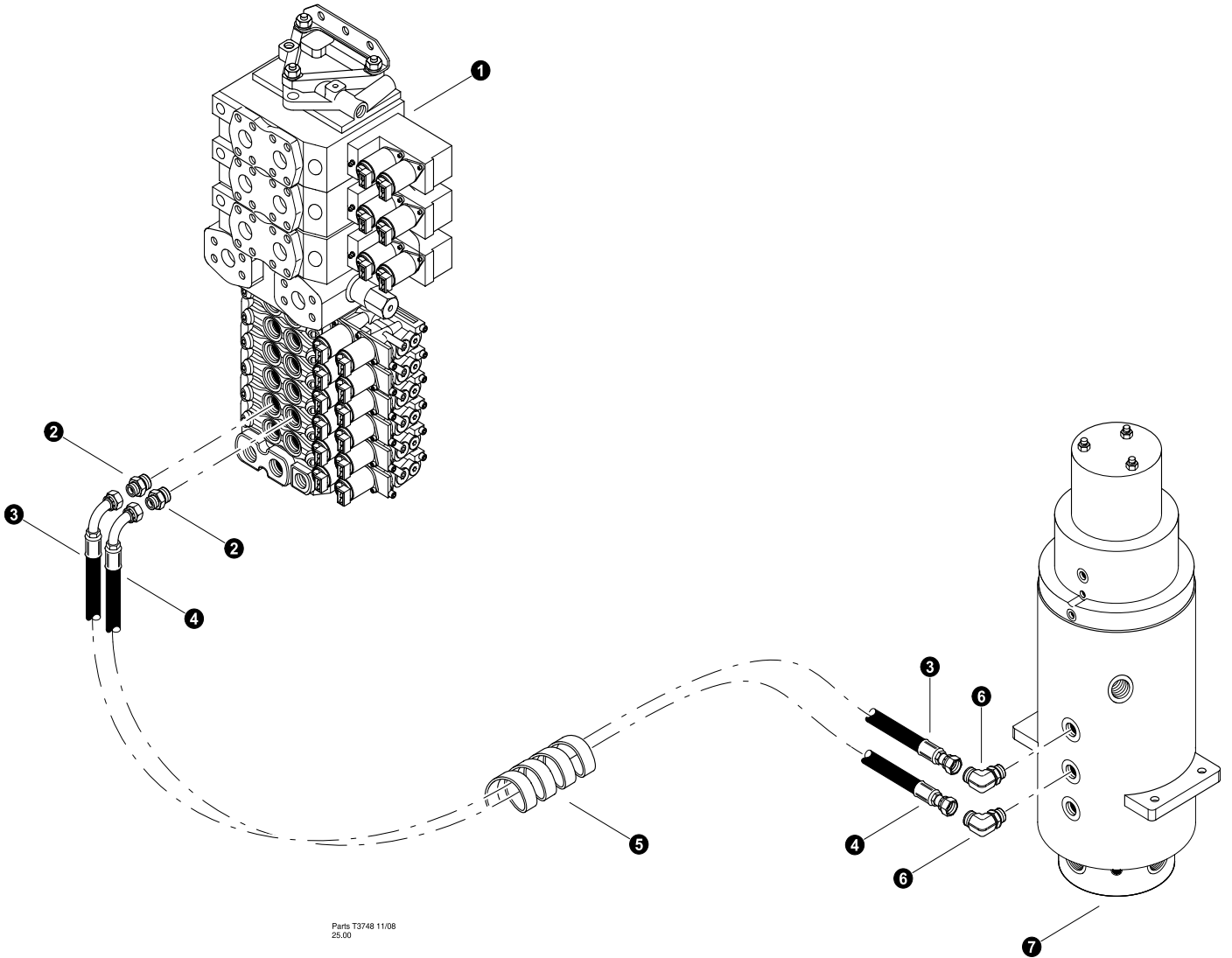
 See referenced page for component or assembly breakdown.





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

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

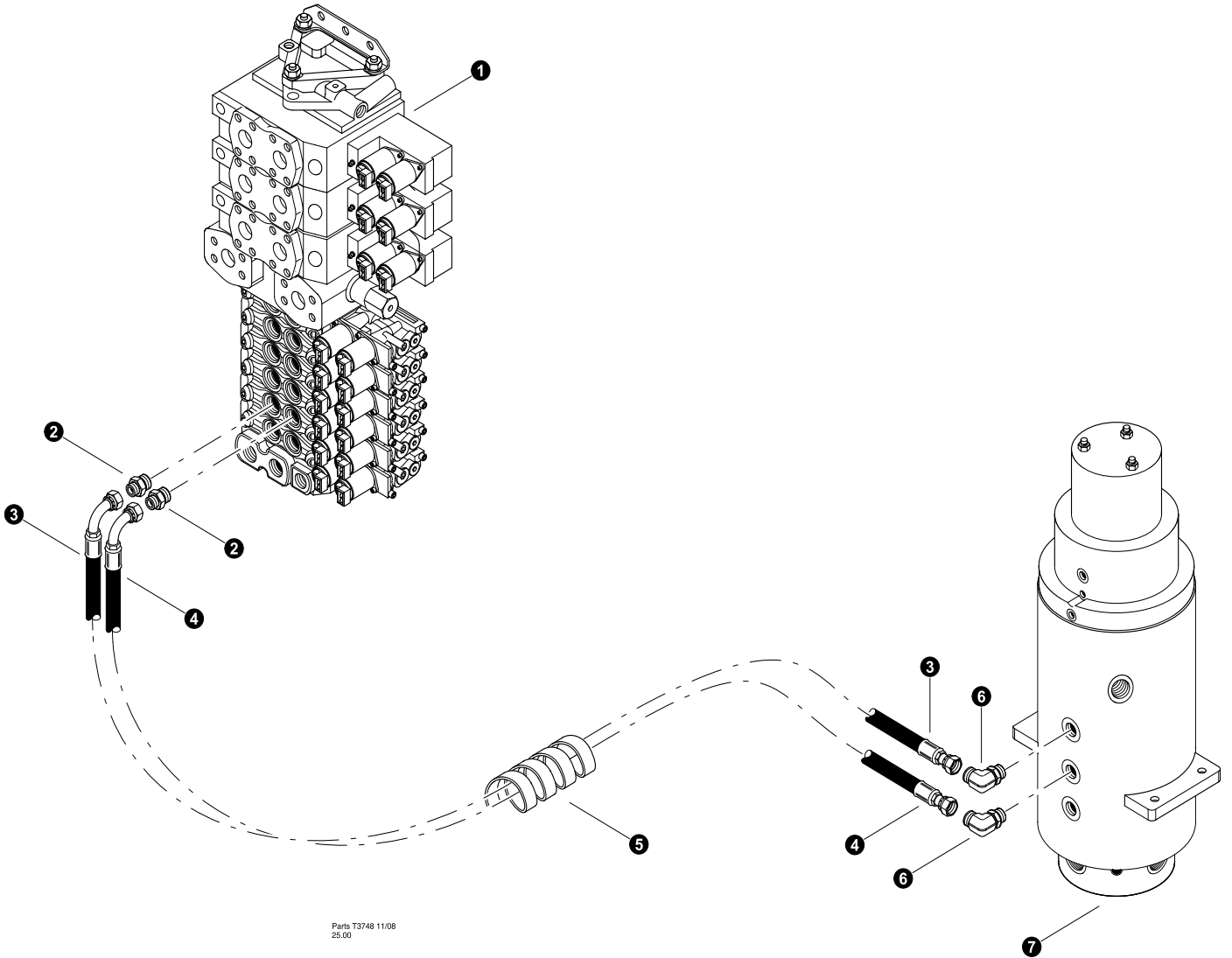
 See referenced page for component or assembly breakdown.





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

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

 See referenced page for component or assembly breakdown.



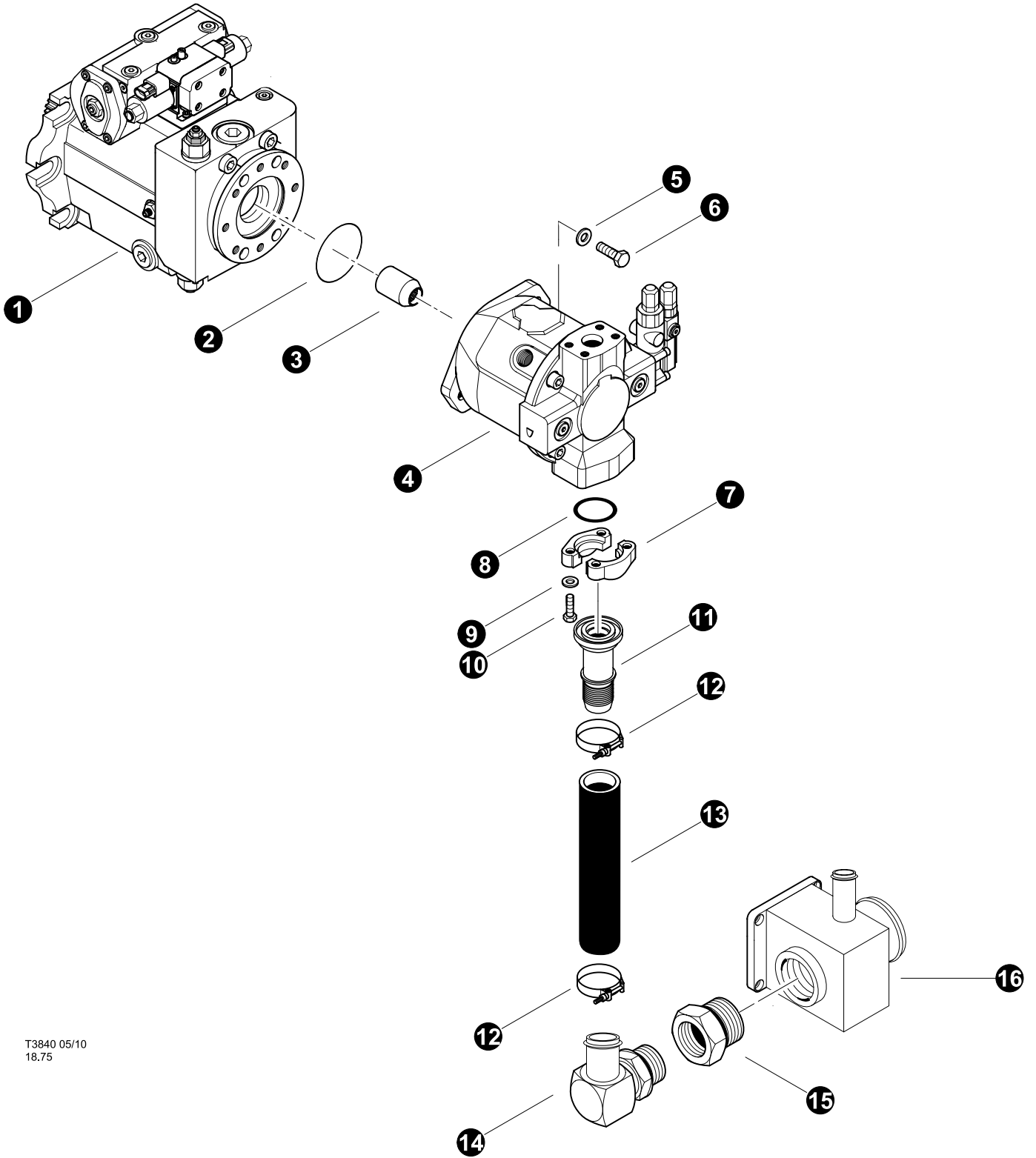
CAB LEVELING FUNCTION - OPTIONAL
(Main Control Valve To Rotary Manifold)
Right Cylinder
TL725B-0026-051909 and after

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

 See referenced page for component or assembly breakdown.





Section FH-5



Feller Buncher Hydraulics - Implement Function Connections - Disc Saw

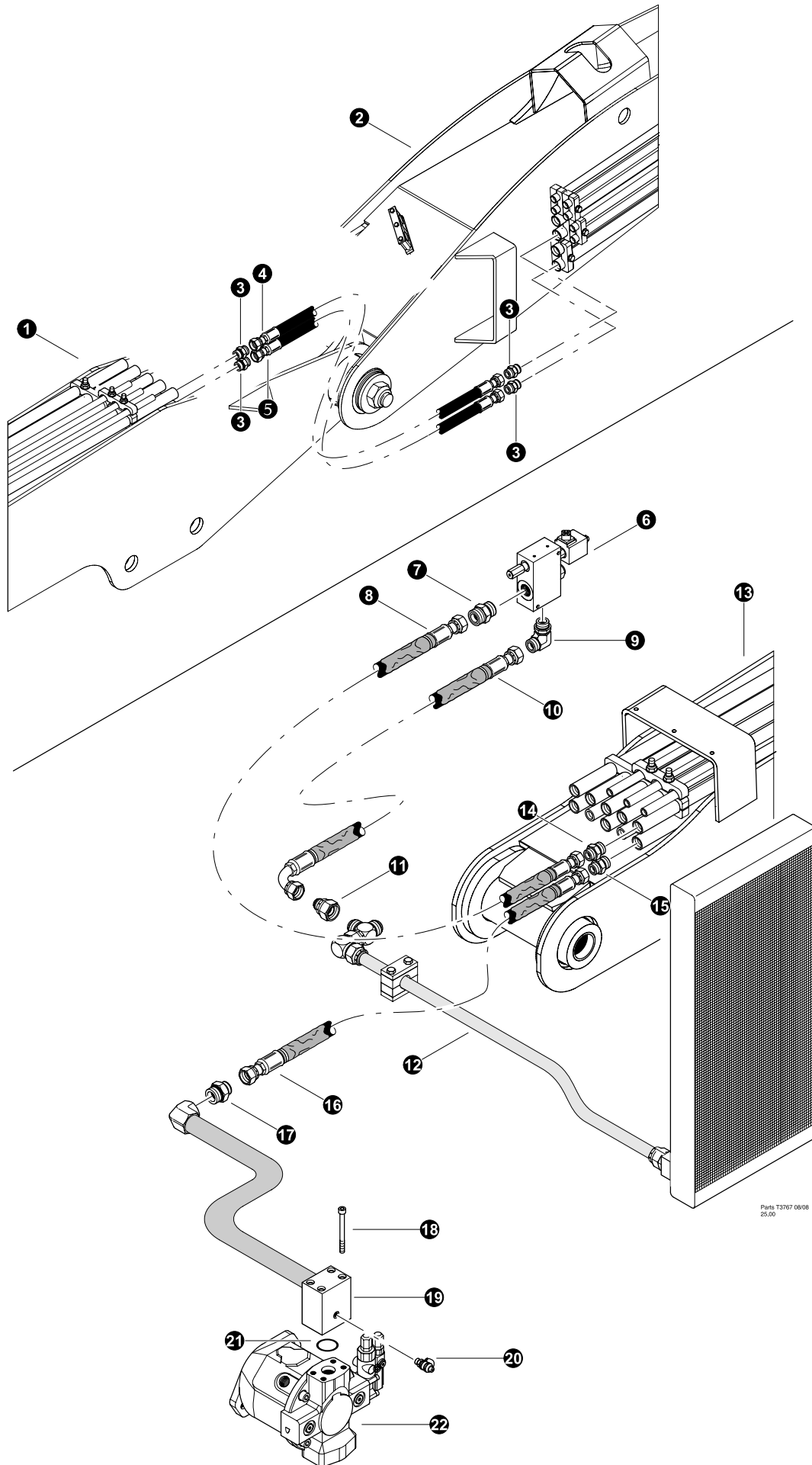


T3840 05/10
18.75

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

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

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









Parts T3767 08/08
25.00

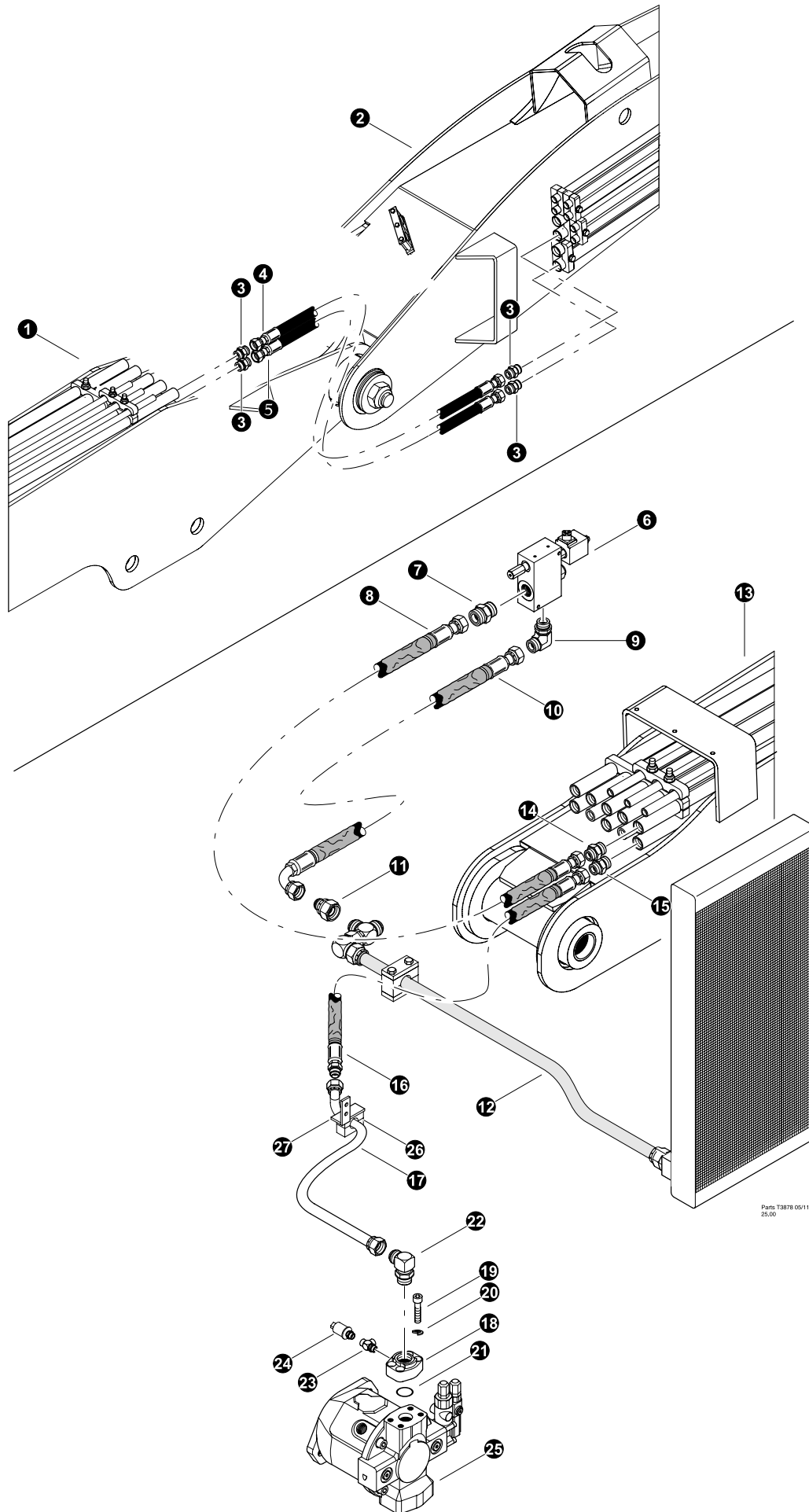
FELLER BUNCHER - DISC SAW HYDRAULICS

(Pressure and Tank Connections)

(Machines Built before May 2011)

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

 See referenced page for component or assembly breakdown.









Parts T3B78 0011
25,00

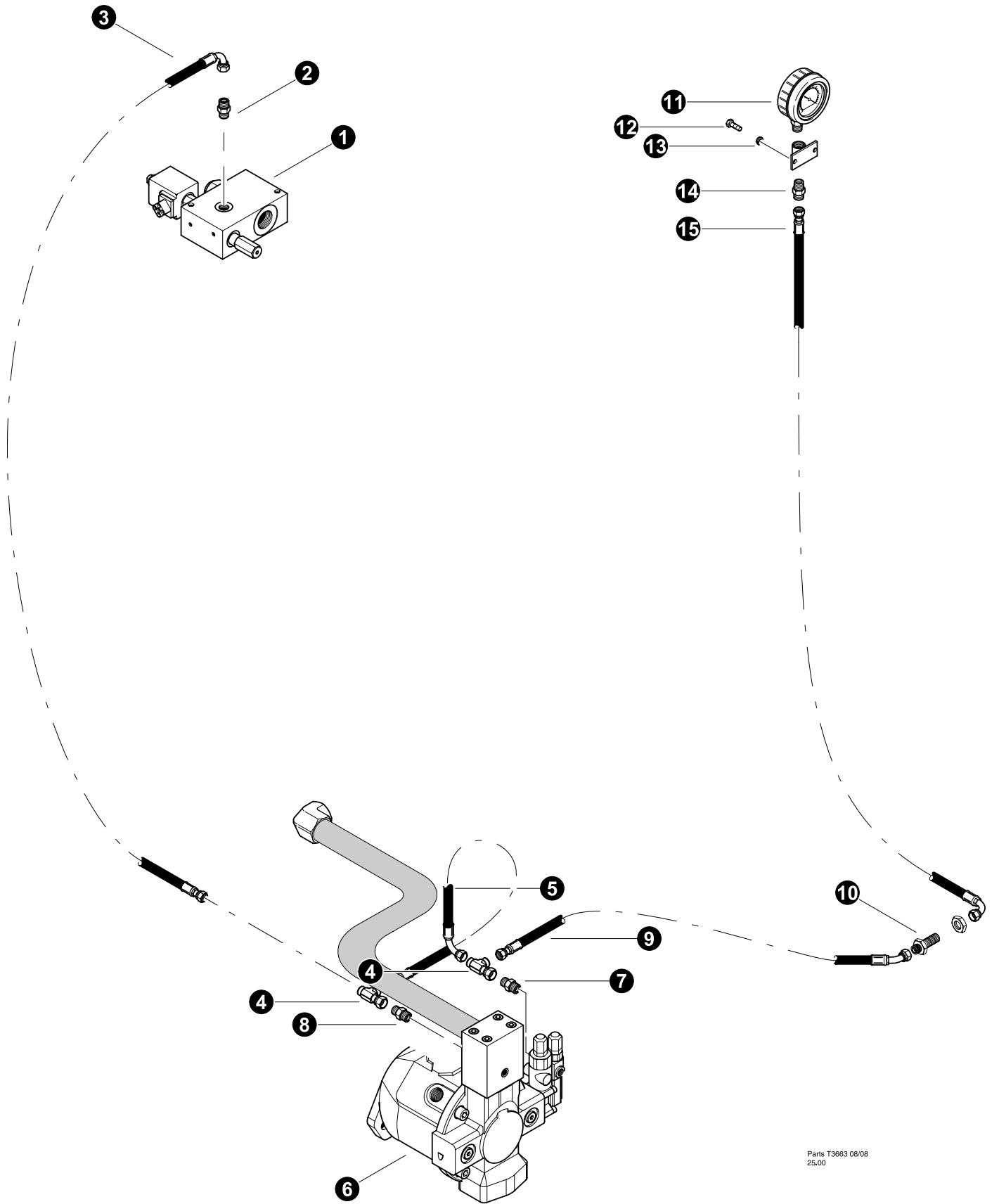
FELLER BUNCHER - DISC SAW HYDRAULICS

(Pressure and Tank Connections)

(Machines Built May 2011 and After)


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

 See referenced page for component or assembly breakdown.

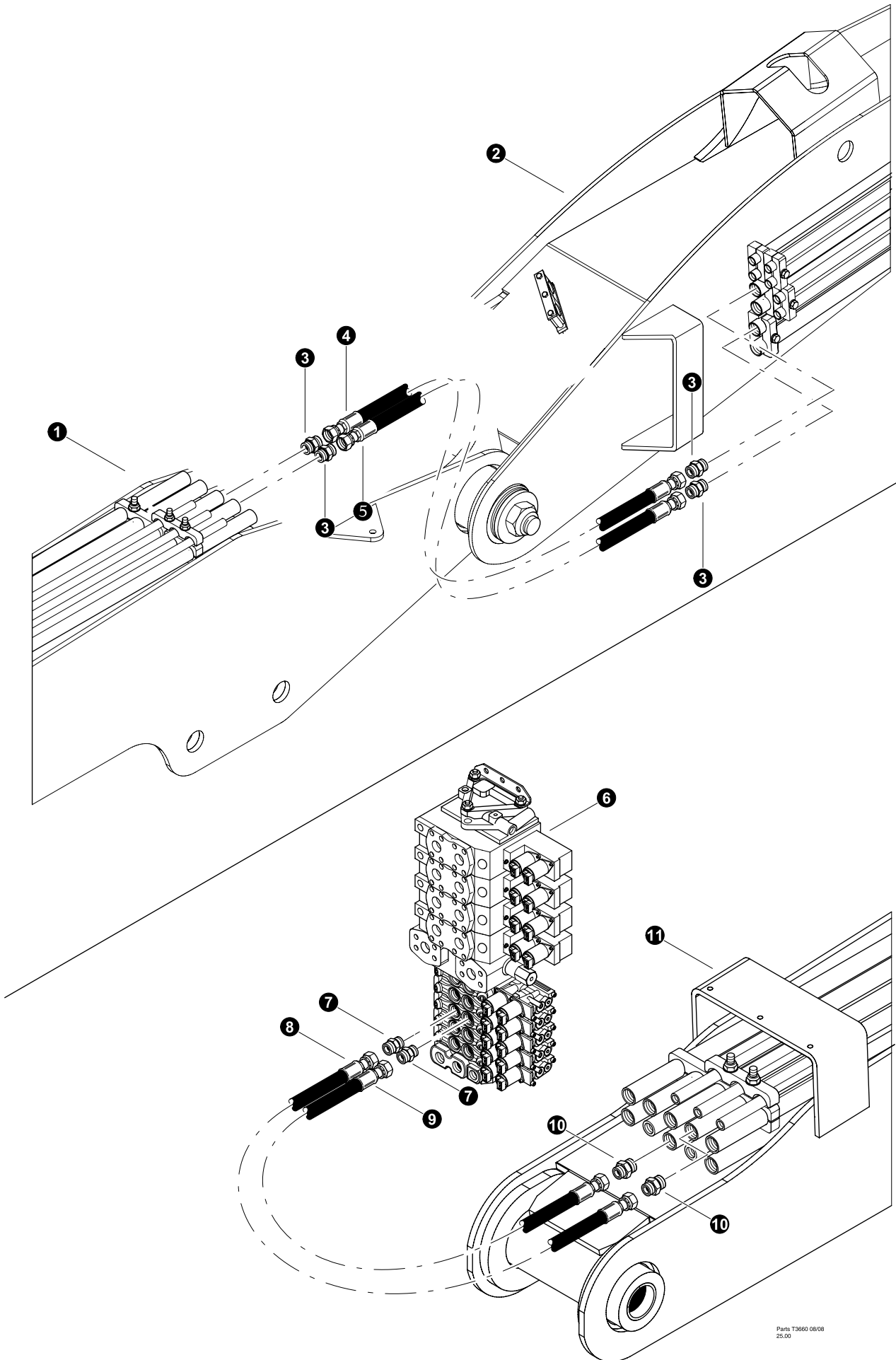


Parts T3663 08/08
25.00

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

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





 See referenced page for component or assembly breakdown.



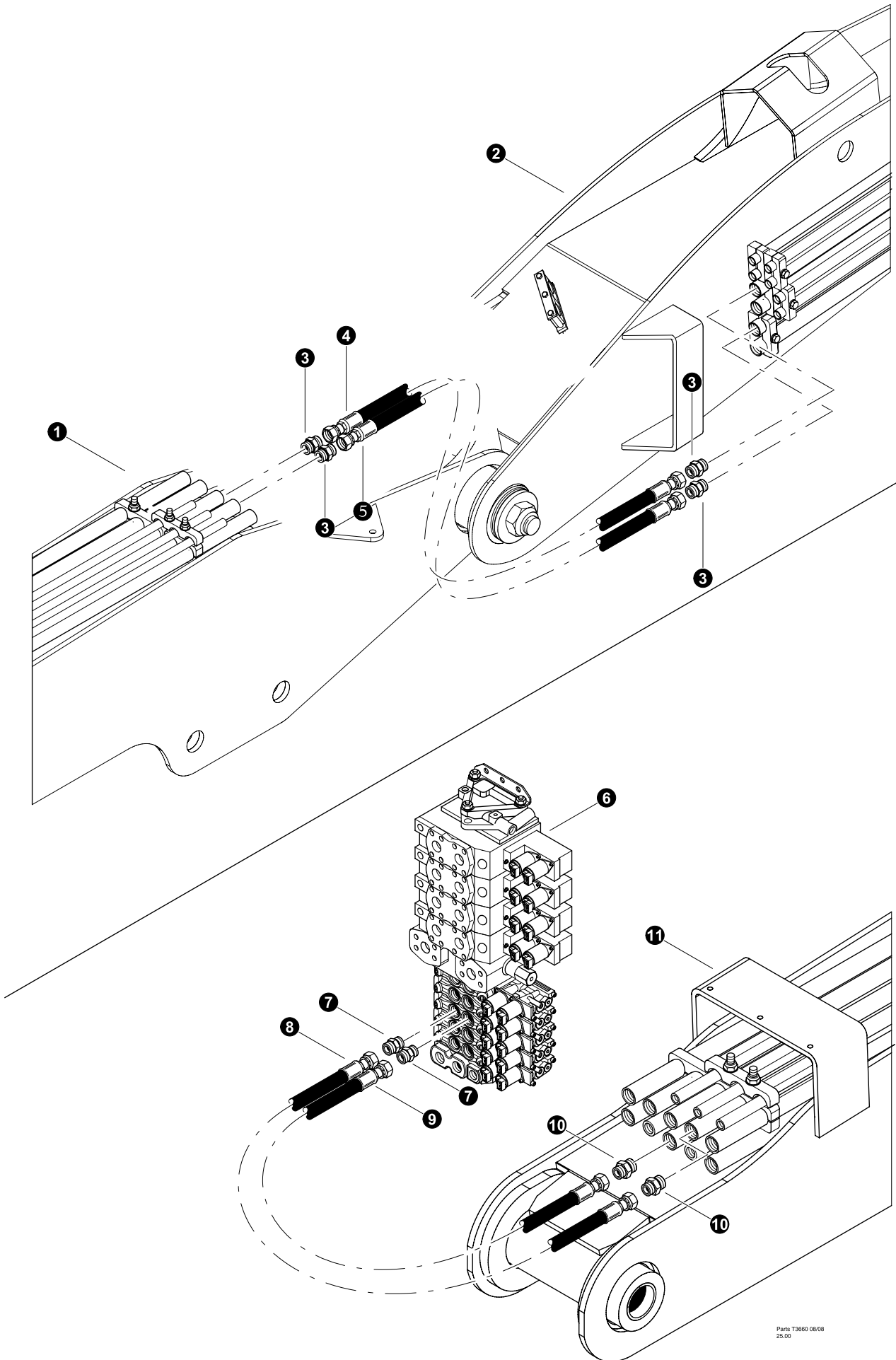
Parts T3660 08/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS (Clamp Cylinder Connection)

TN725B-0025-041309 and Before

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

 See referenced page for component or assembly breakdown.







Parts T3660 08/08
25.00

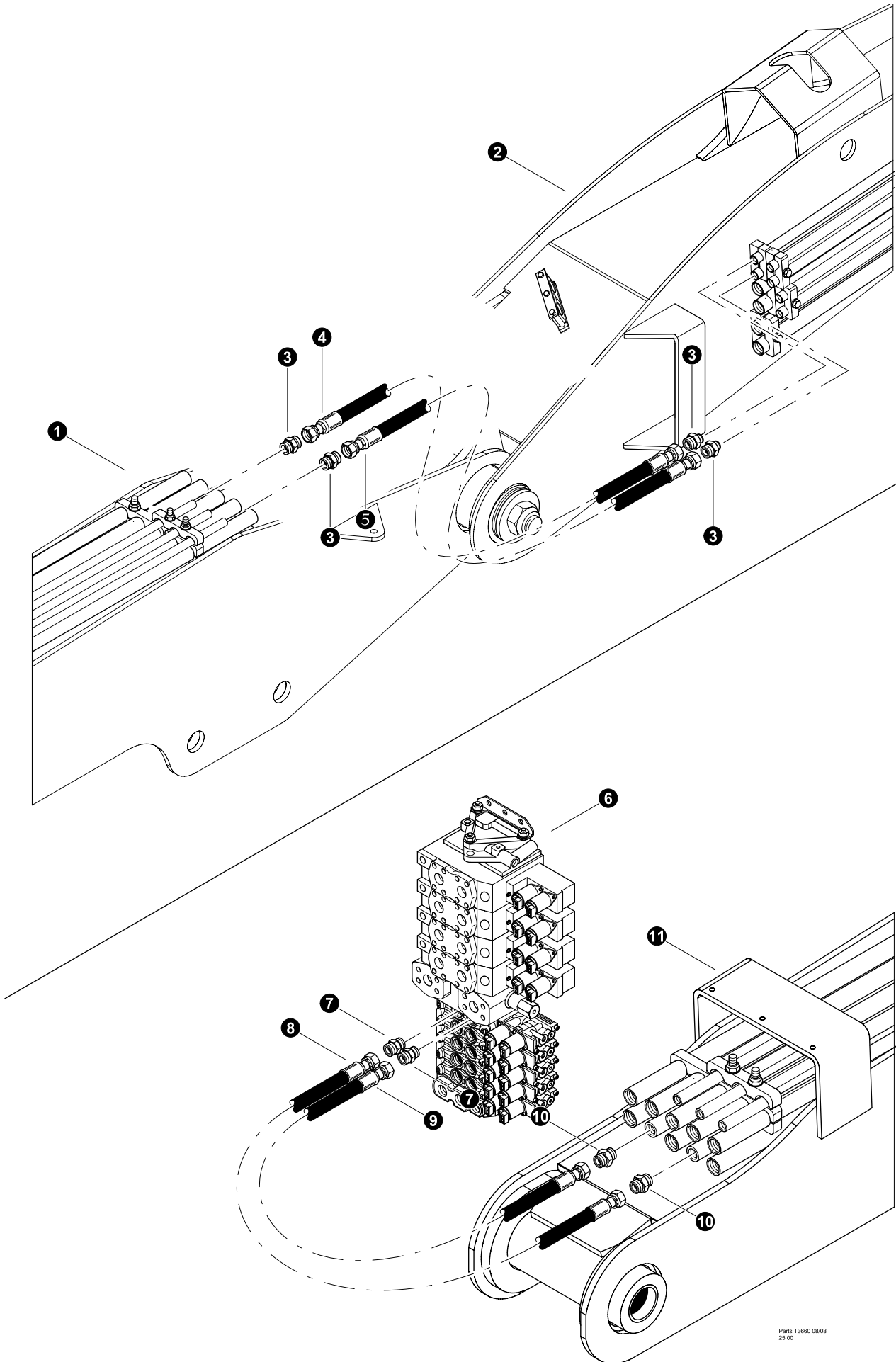
FELLER BUNCHER - DISC SAW HYDRAULICS

(Clamp Cylinder Connection)

TL725B-0026-051909 and after

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

 See referenced page for component or assembly breakdown.







Parts T3660 08/08
25.00

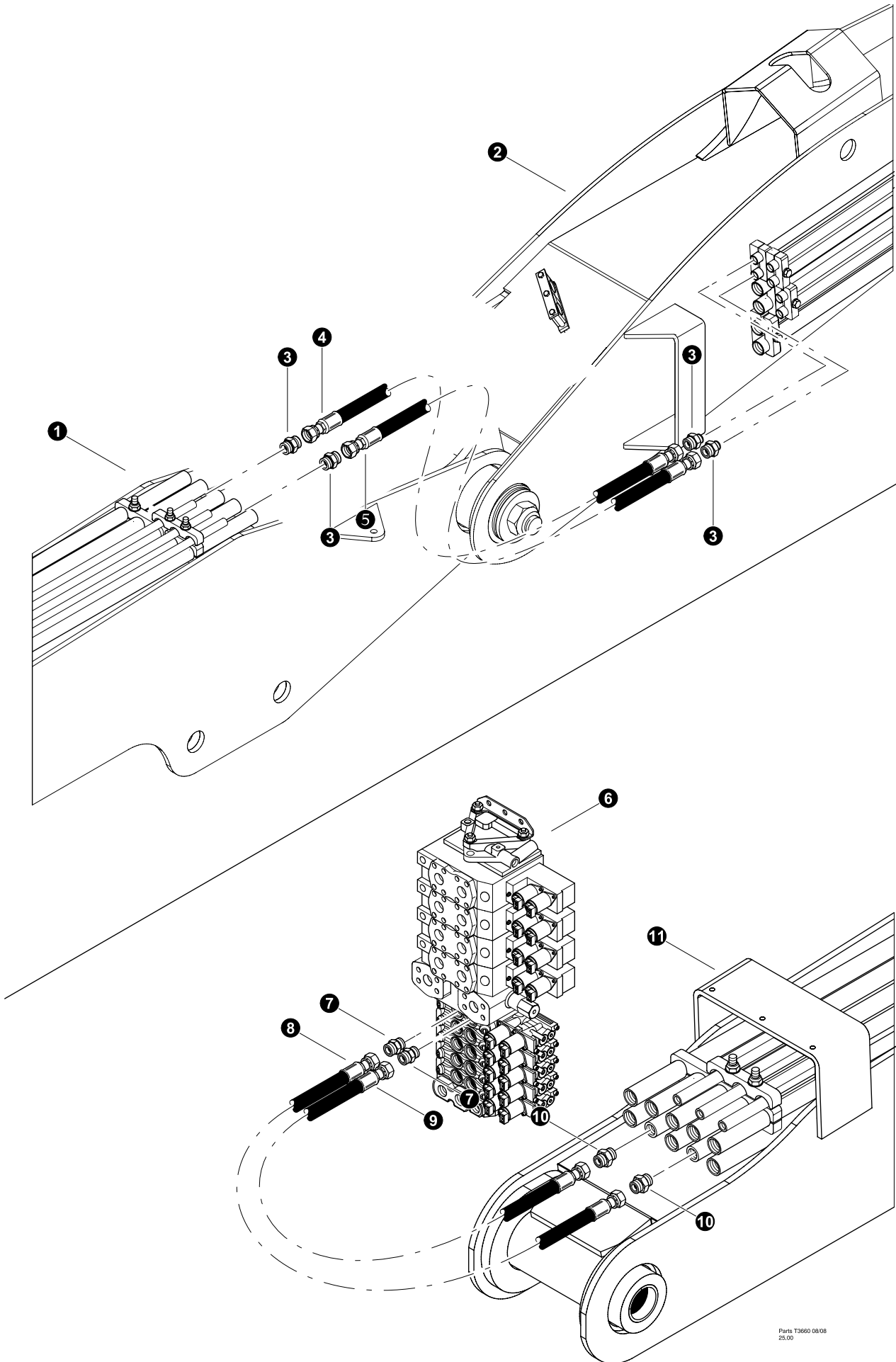
FELLER BUNCHER - DISC SAW HYDRAULICS

(Accumulator Cylinder Connection)

TN725B-0025-041309 and Before

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





 See referenced page for component or assembly breakdown.



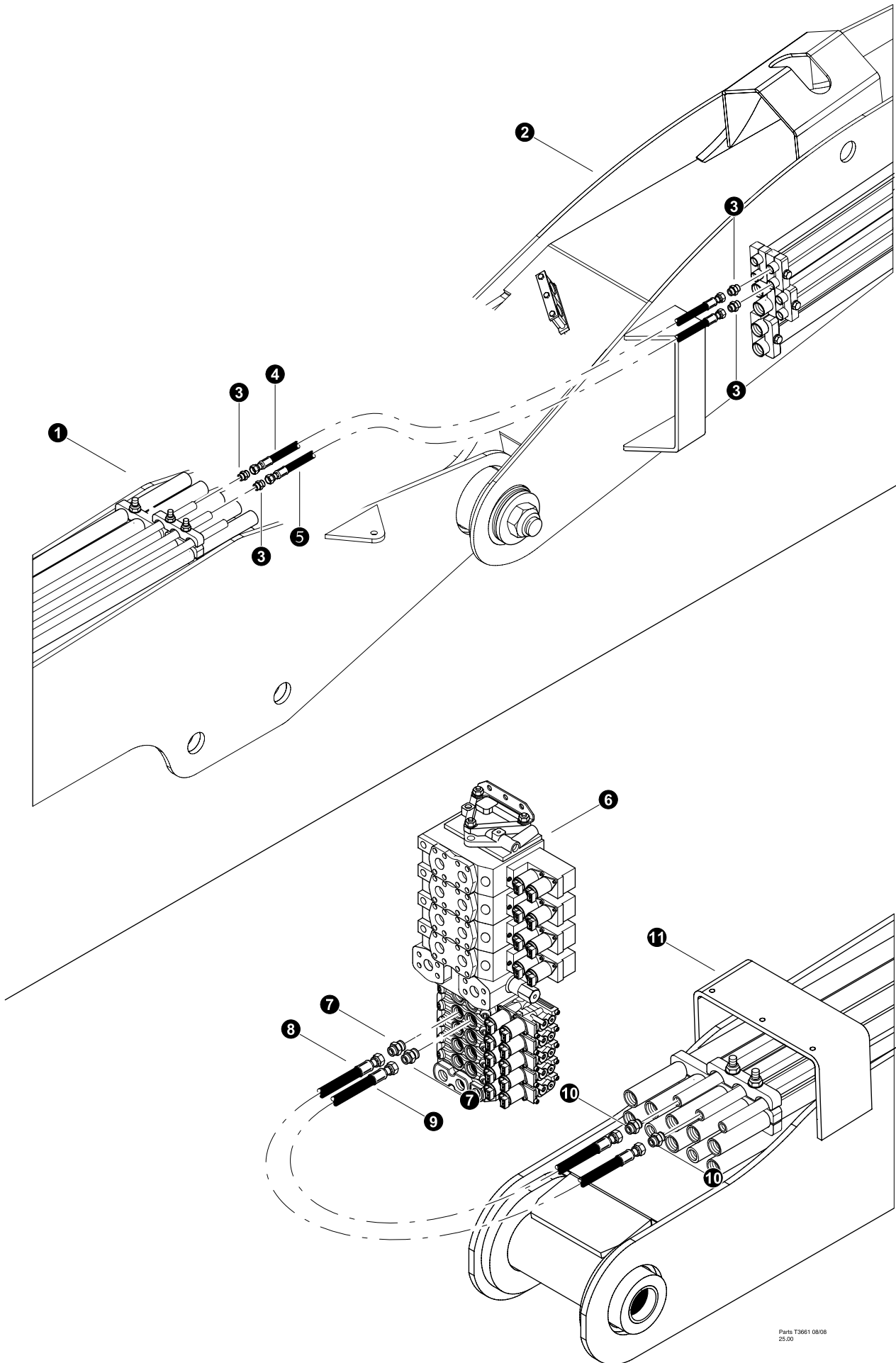
Parts T33660 08/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS (Accumulator Cylinder Connection)

TL725B-0026-051909 and after

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





 See referenced page for component or assembly breakdown.



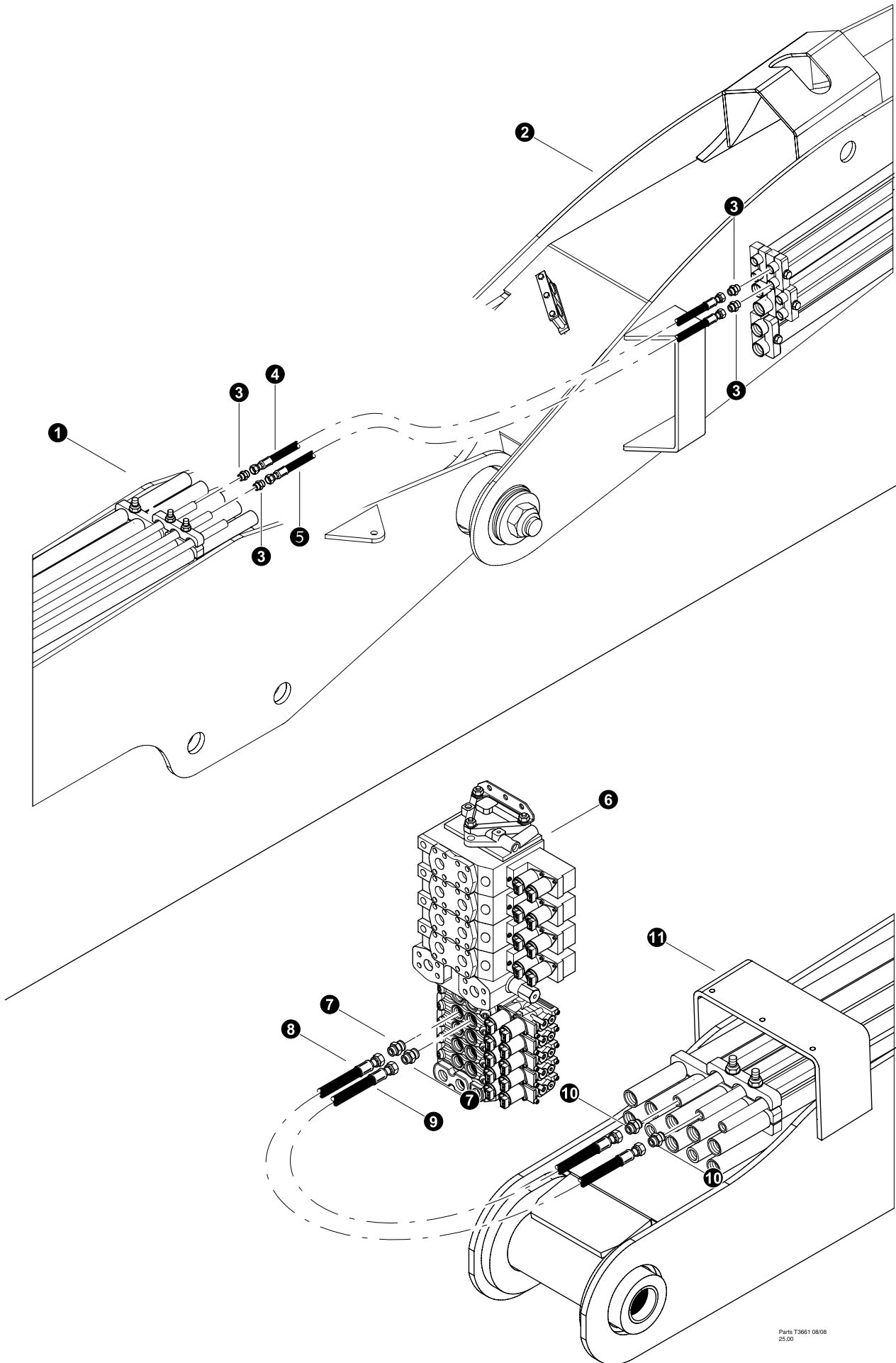
Parts T3661 08/08
25/00

FELLER BUNCHER - DISC SAW HYDRAULICS (Lateral Tilt Connection)

TN725B-0025-041309 and Before

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





 See referenced page for component or assembly breakdown.



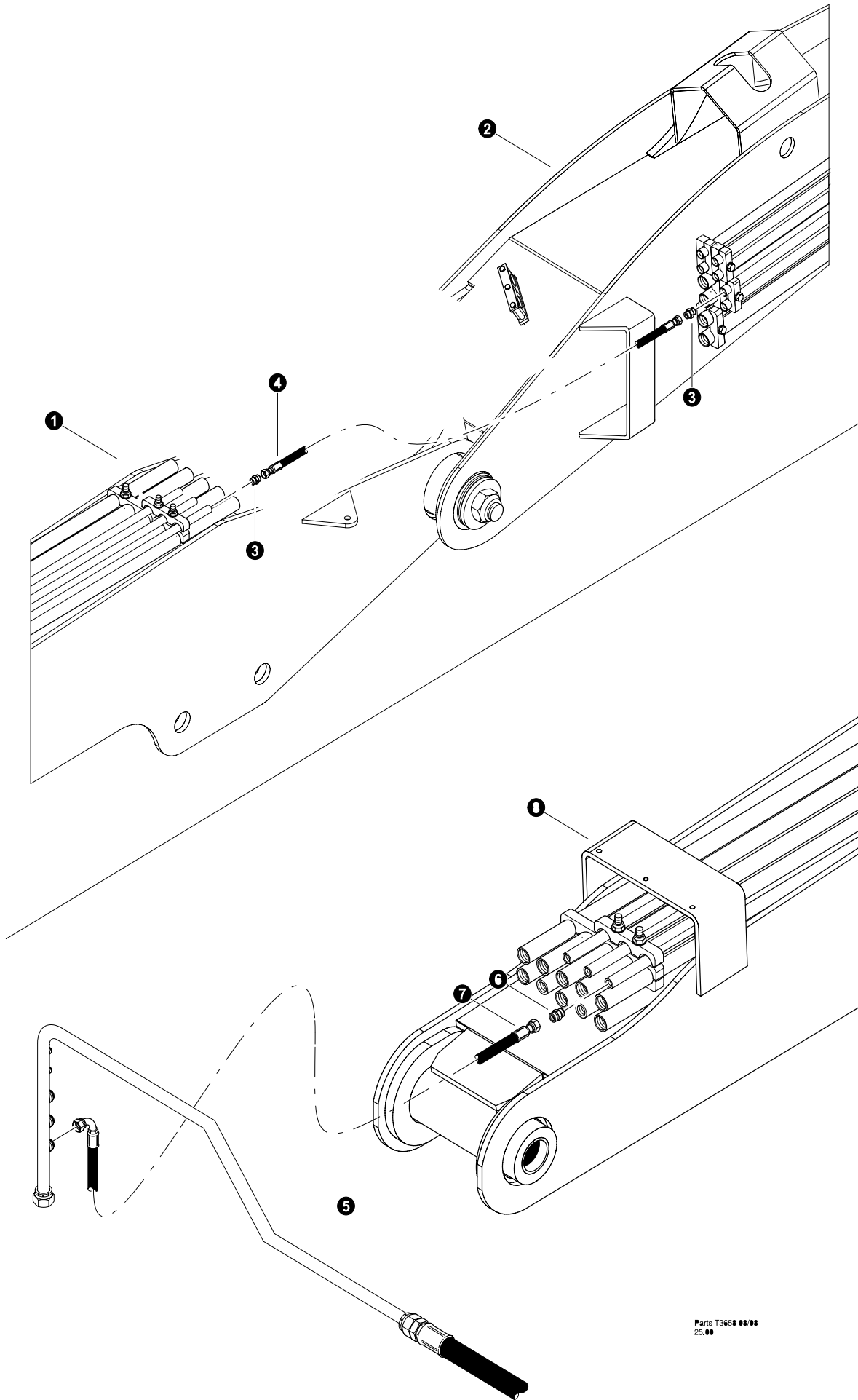
Parts T3661 08/08
25/00

FELLER BUNCHER - DISC SAW HYDRAULICS (Lateral Tilt Connection)

TL725B-0026-051909 and after





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

 See referenced page for component or assembly breakdown.

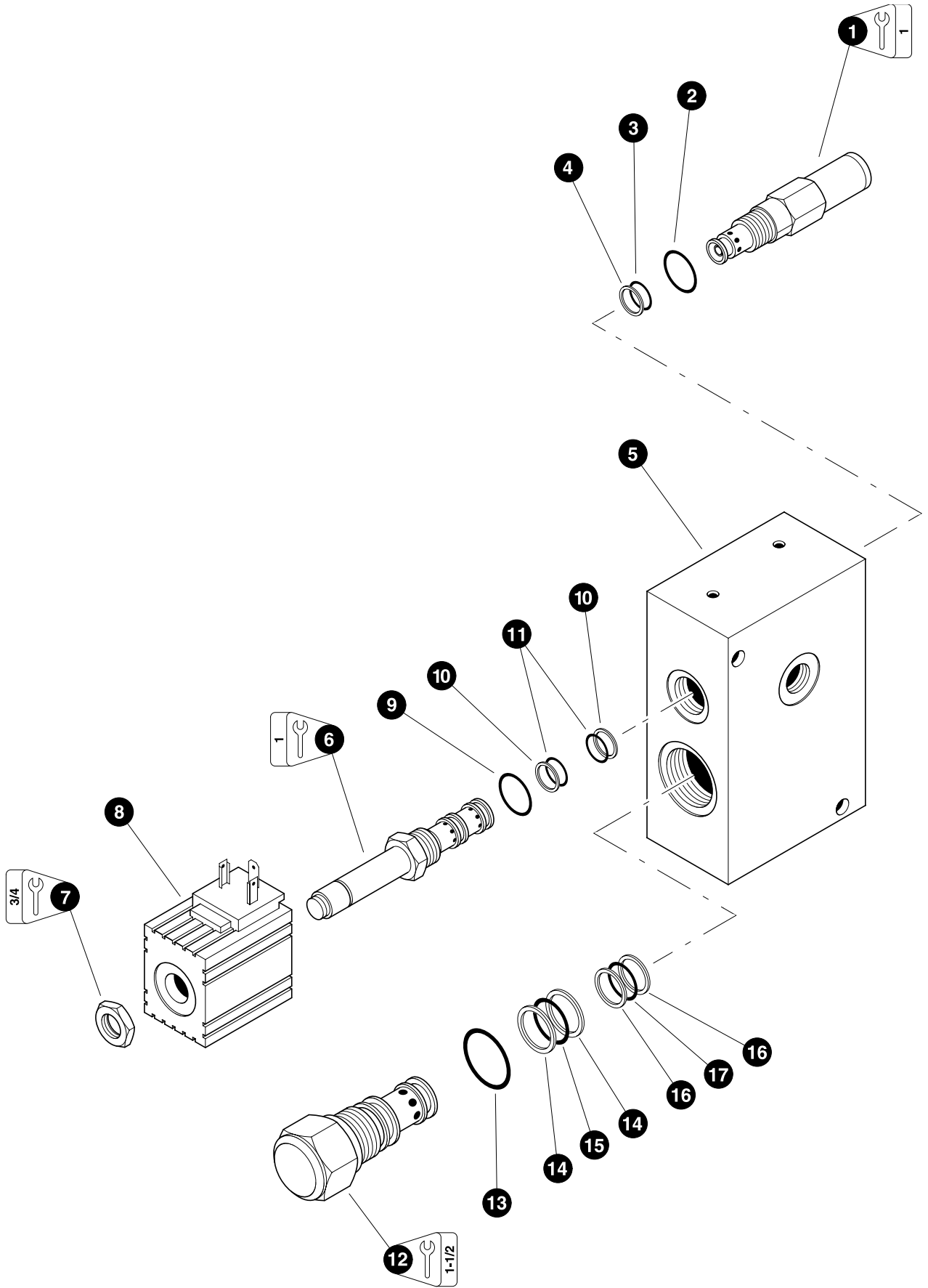


Parts T3658 02/08
25.00

FELLER BUNCHER - DISC SAW HYDRAULICS
(Case Drain Connection)

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

 See referenced page for component or assembly breakdown.



FELLER BUNCHER - DISC SAW HYDRAULICS (Saw Stop Valve)

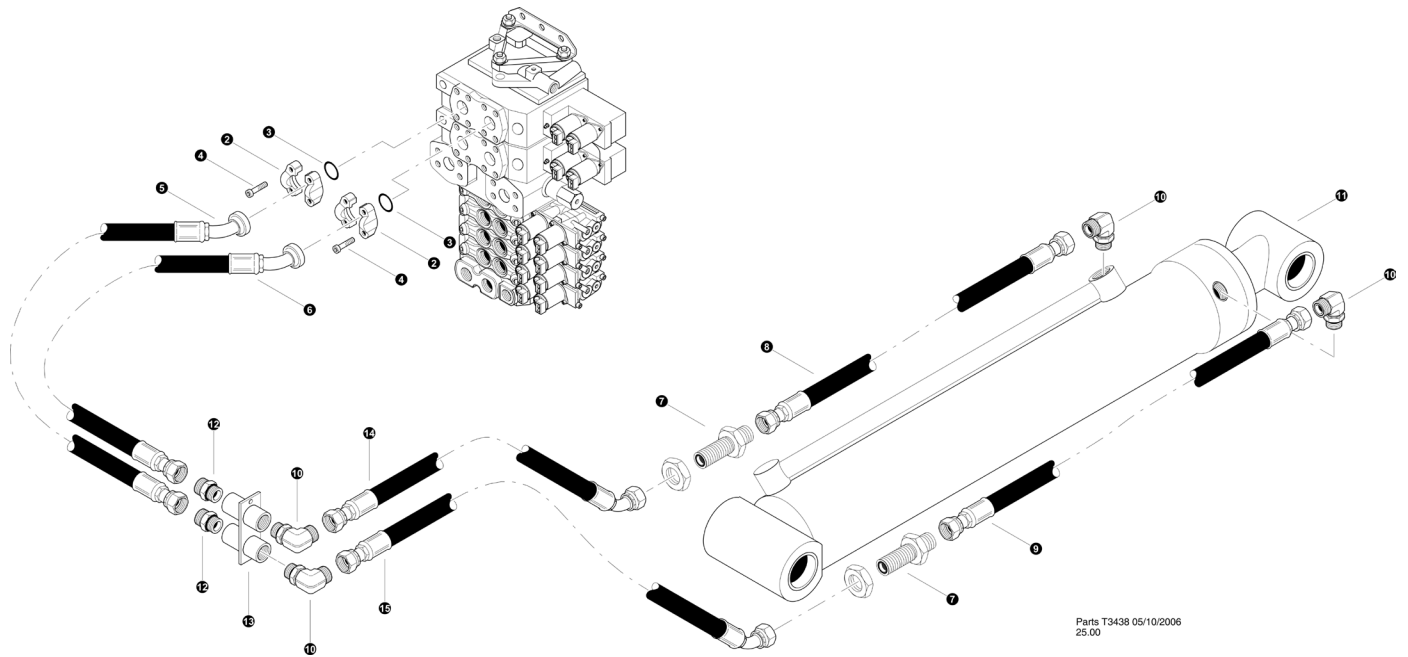
REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	23782-FH	1	☐ VALVE, SAW STOP - 24 Volt	
1	-FH	1	☐ CARTRIDGE, relief valve (RV08-20A-0-N-5 Hydraforce)	
2	NSS	1	⌘ O-RING, body	
3	NSS	1	⌘ O-RING, chamber	
4	NSS	1	⌘ RING, back-up - chamber	
5	NSS	1	HOUSING, valve body (204010901-40 M&W)	
6	-FH	1	☐ CARTRIDGE, saw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

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

 See referenced page for component or assembly breakdown.




Section FH-6

Feller Buncher Hydraulics - Implement Function Connections - Dangle Harvester

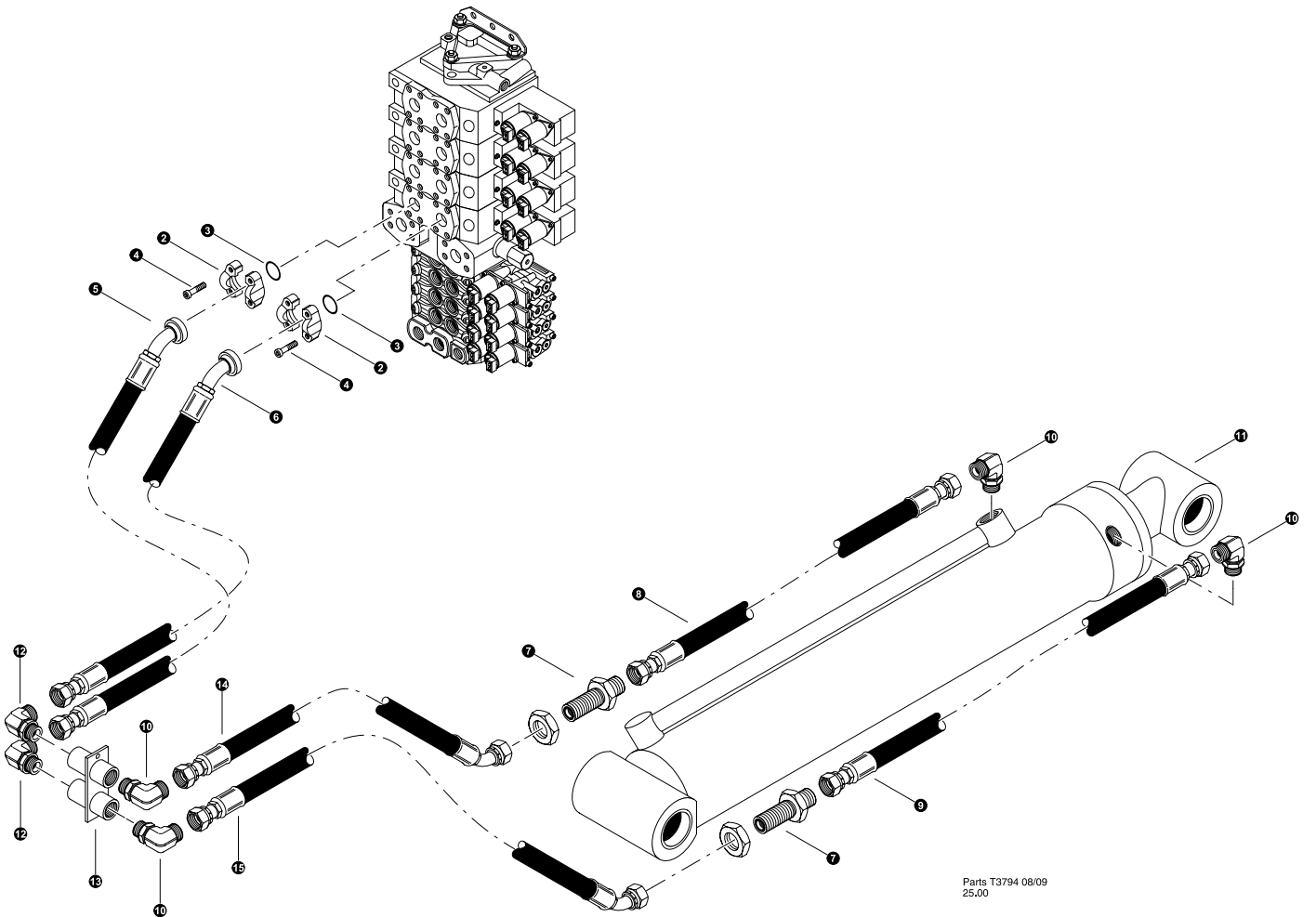


MAIN BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom (Hoist) Cylinder)

TN725B-0025-041309 and Before

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




 See referenced page for component or assembly breakdown.



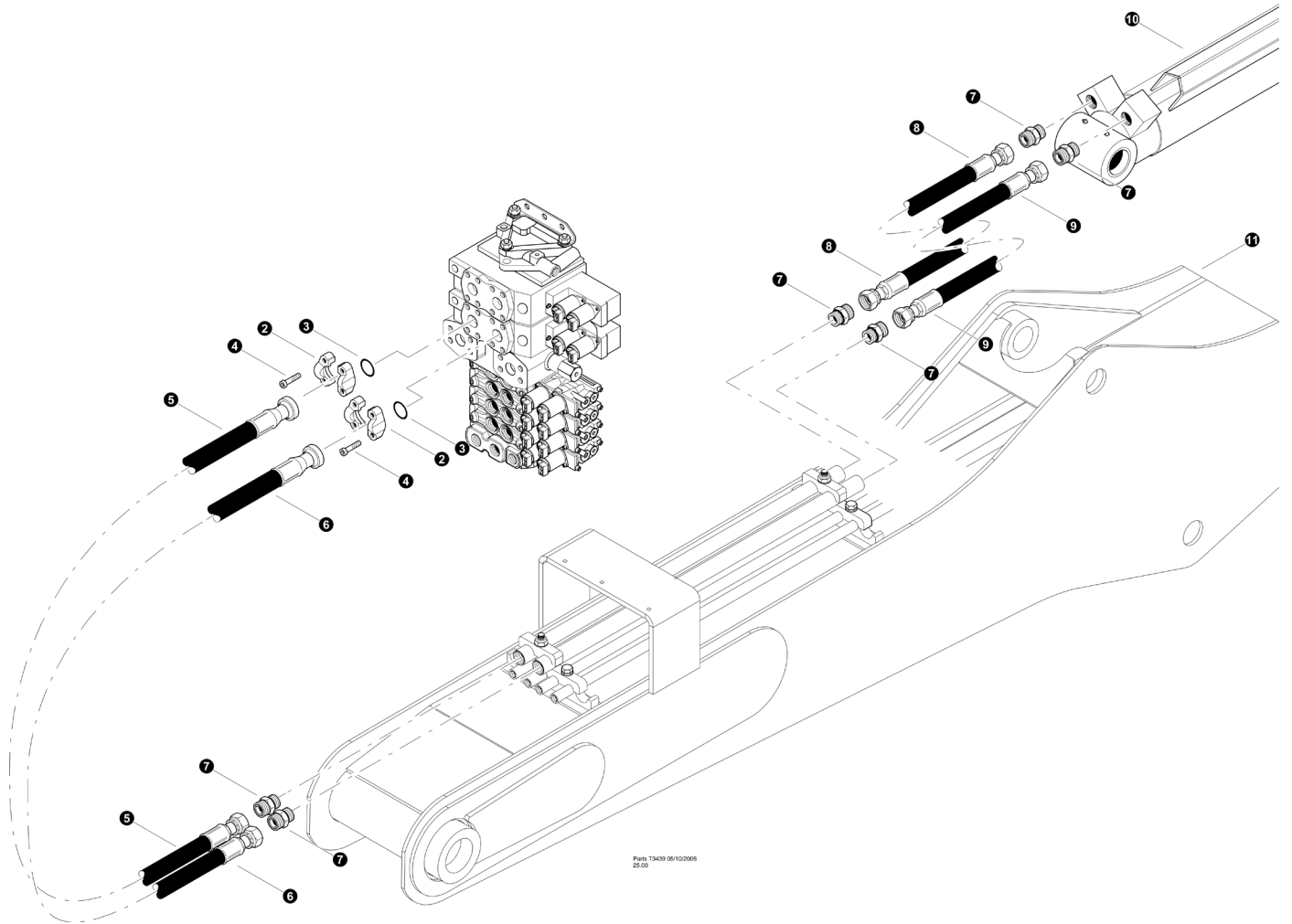
Parts T3794 08/09
25.00

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

TL725B-0026-051909 and after






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

 See referenced page for component or assembly breakdown.

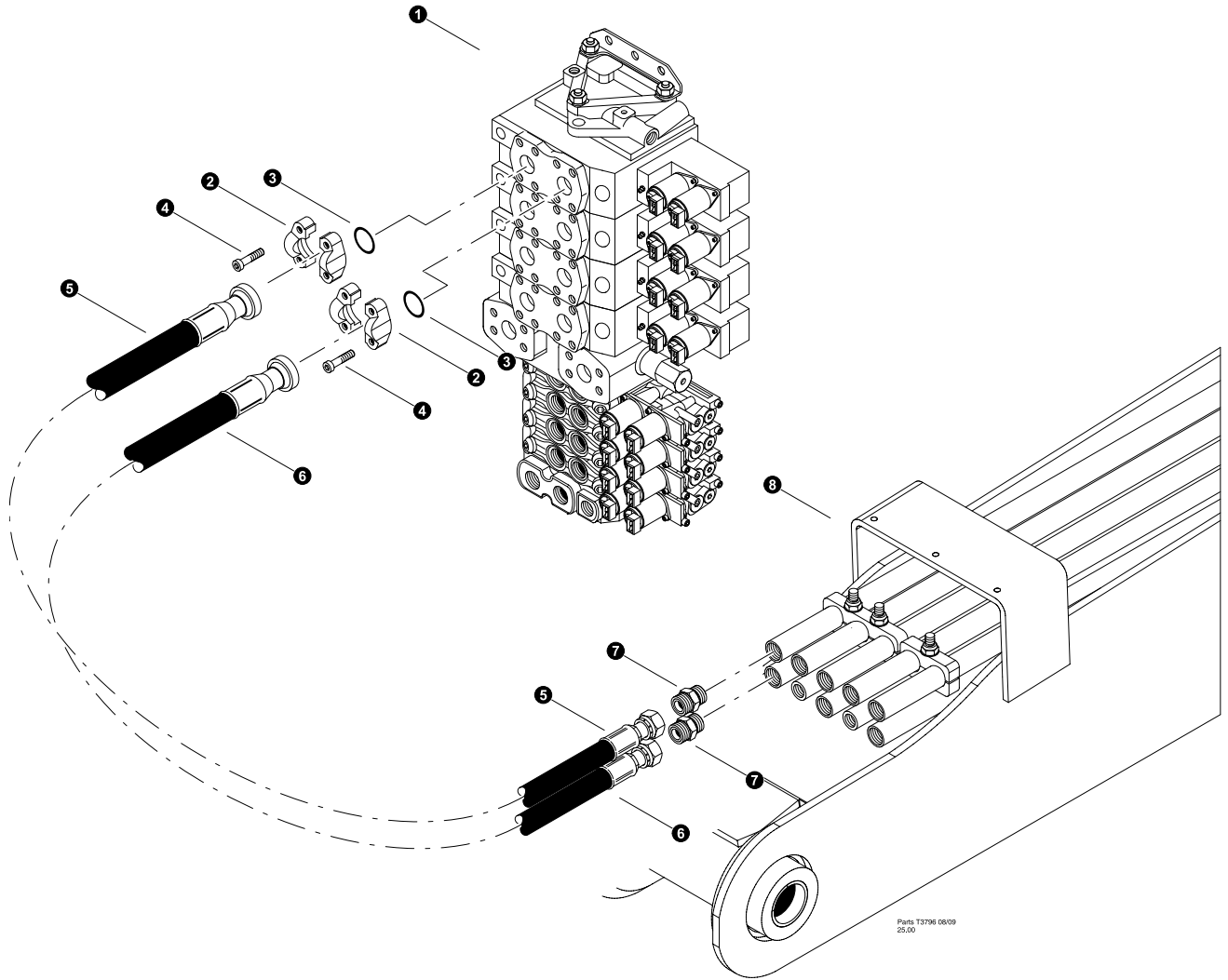


STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

TN725B-0025-041309 and Before






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

 See referenced page for component or assembly breakdown.

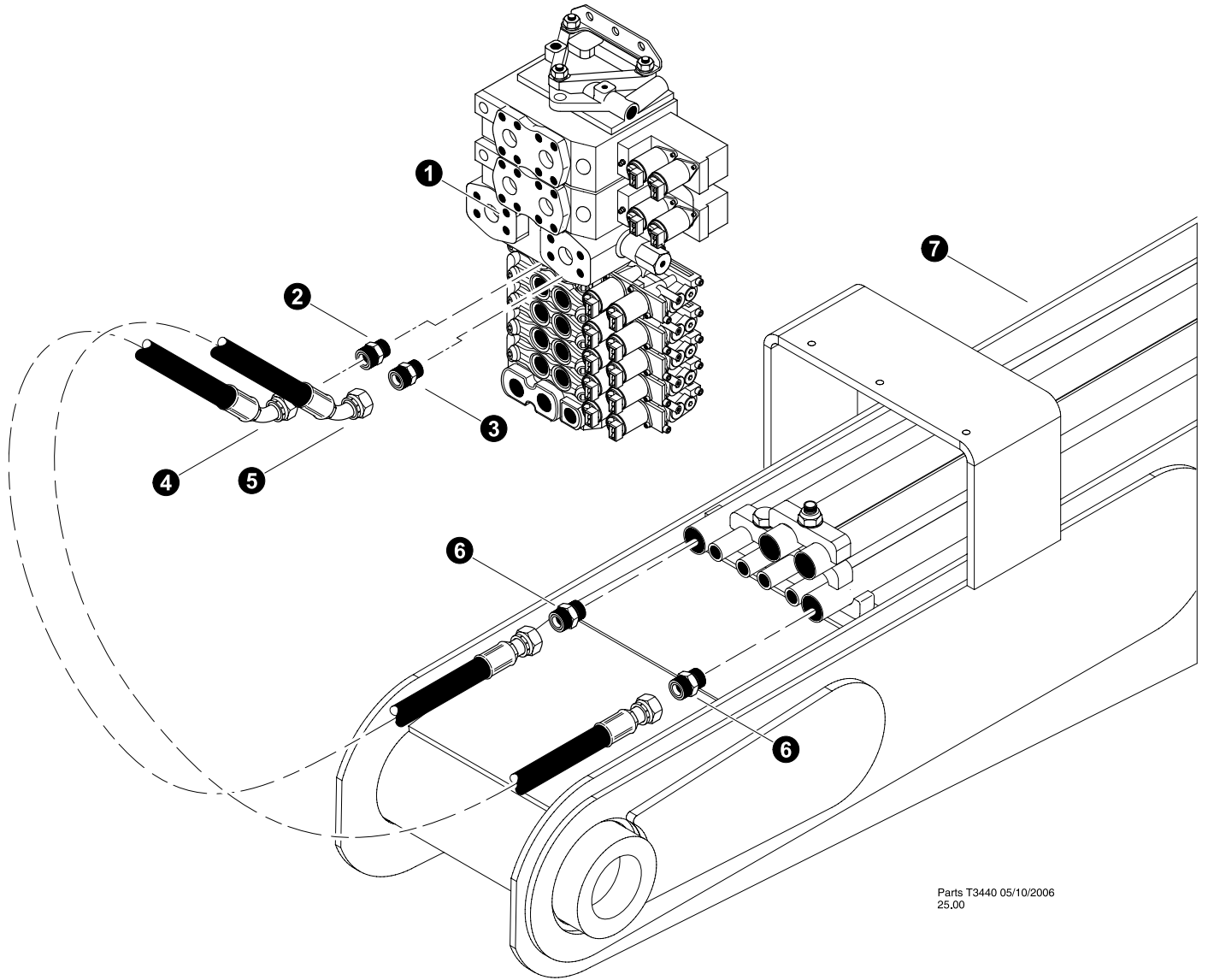


STICK BOOM CYLINDER FUNCTION (Main Control Valve To Main Boom Tube Lines)

TL725B-0026-051909 and after



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


 See referenced page for component or assembly breakdown.

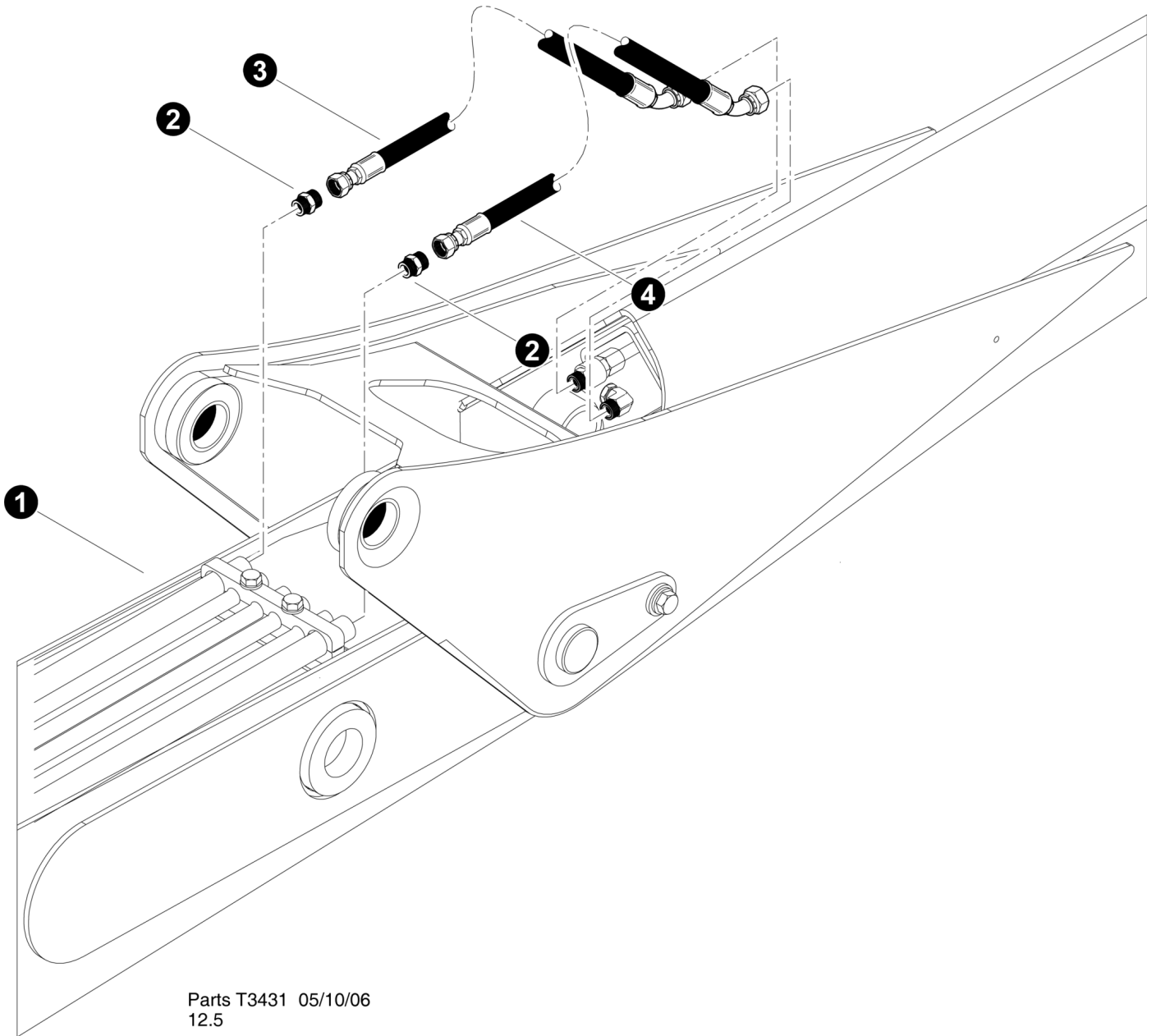


Parts T3440 05/10/2006
25.00


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

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

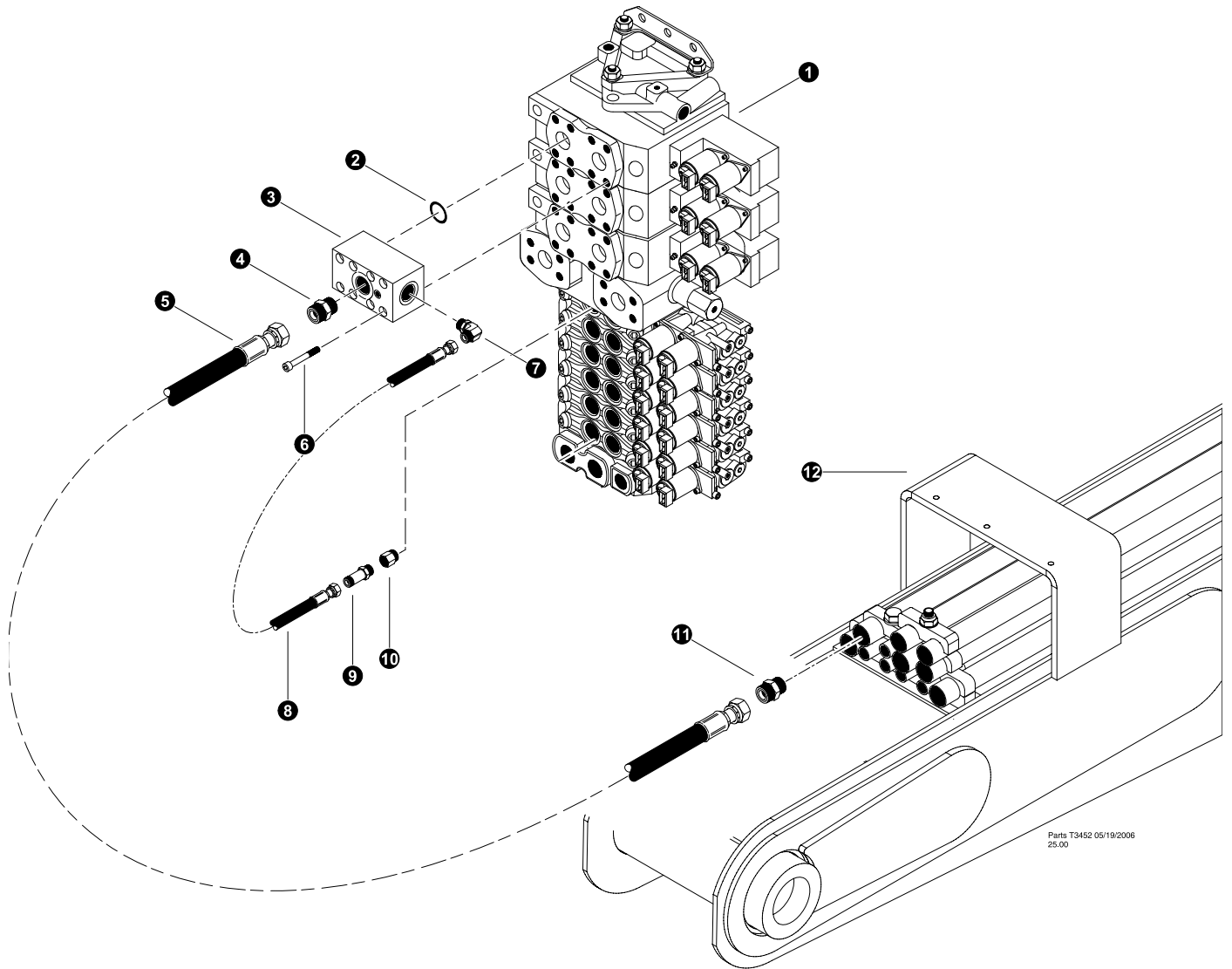
 See referenced page for component or assembly breakdown.



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



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

 See referenced page for component or assembly breakdown.

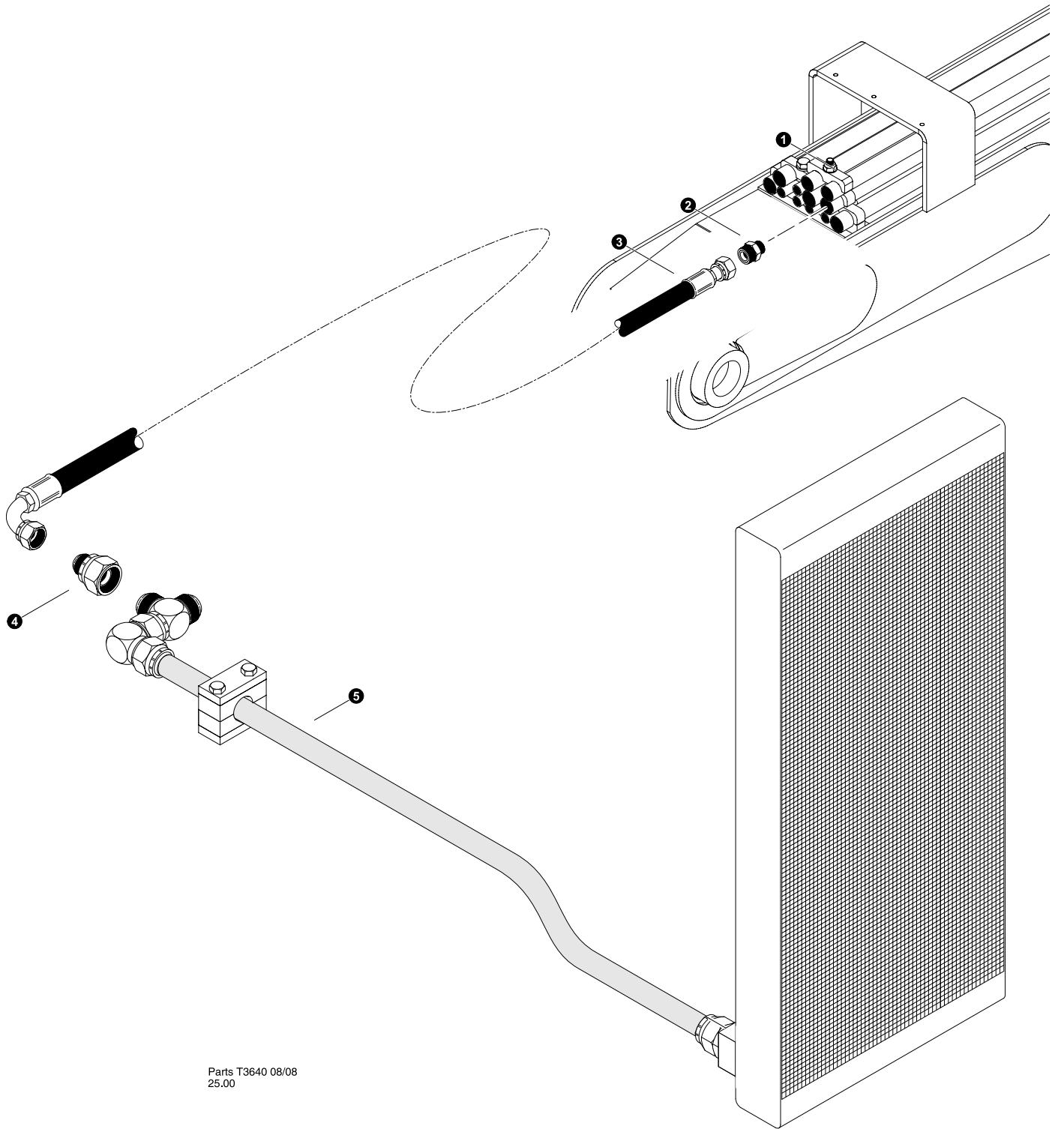


Parts T3452 05/19/2006
25.00

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



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


 See referenced page for component or assembly breakdown.

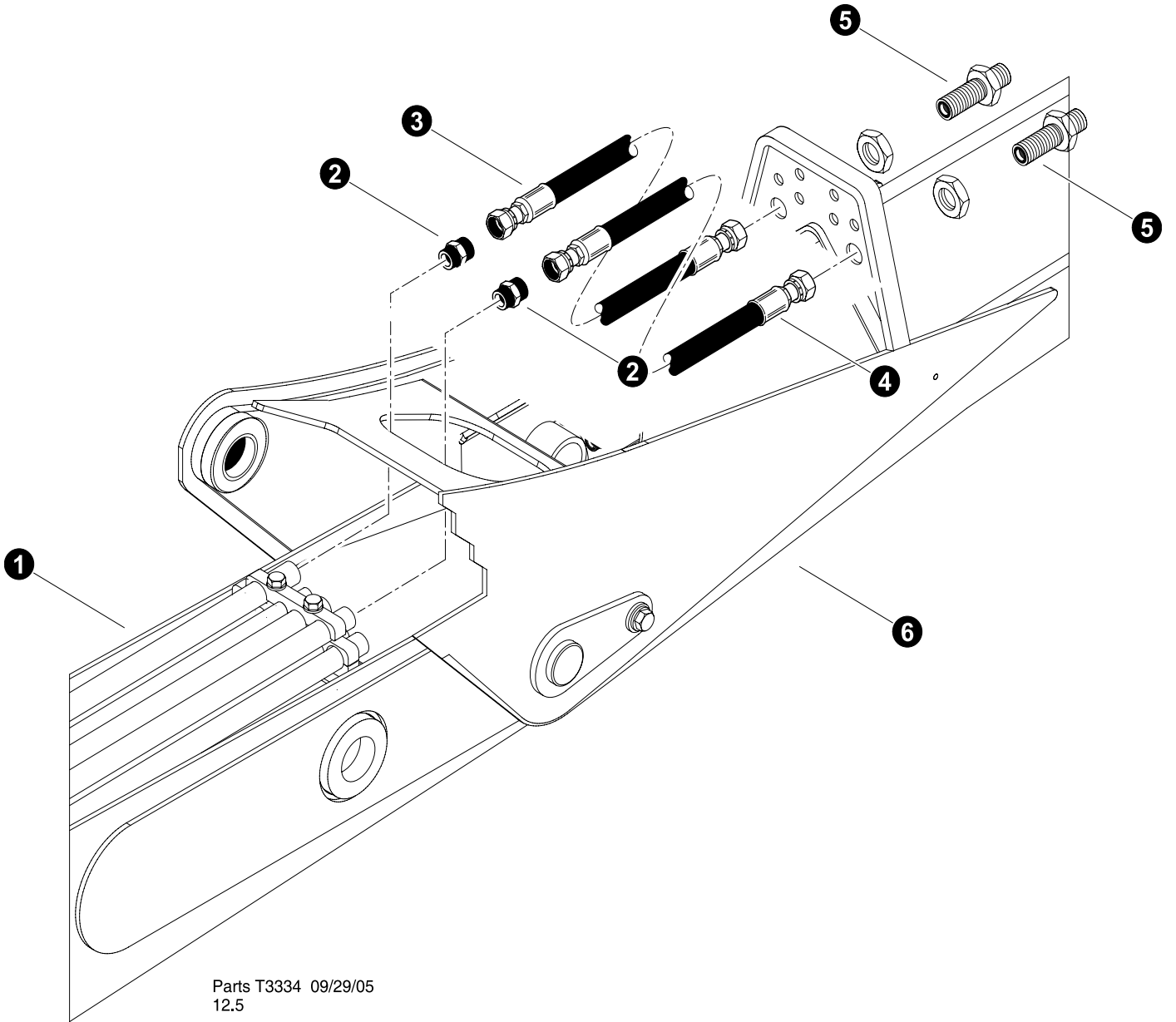


Parts T3640 08/08
25.00



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

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

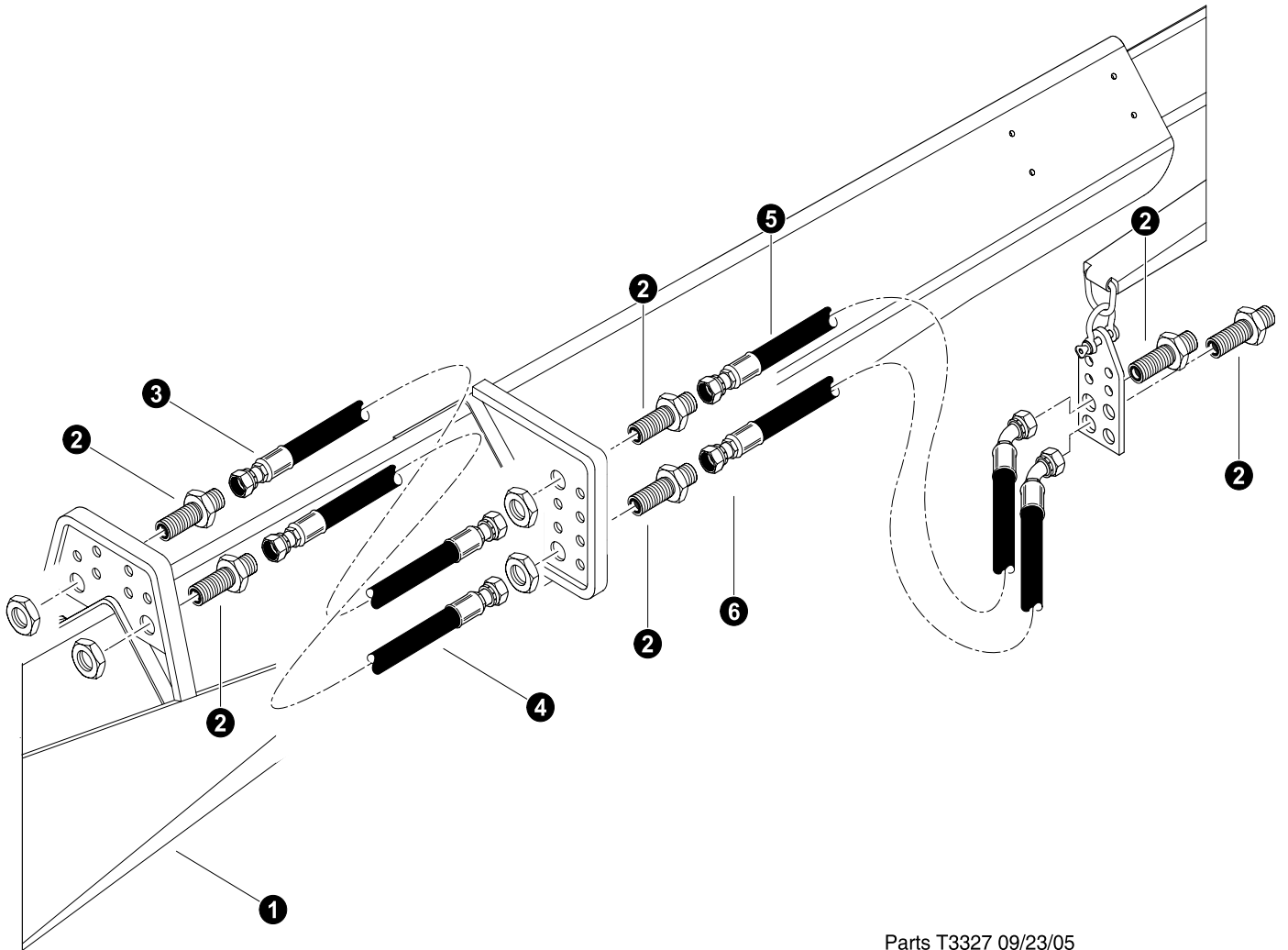
 See referenced page for component or assembly breakdown.



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


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


 See referenced page for component or assembly breakdown.

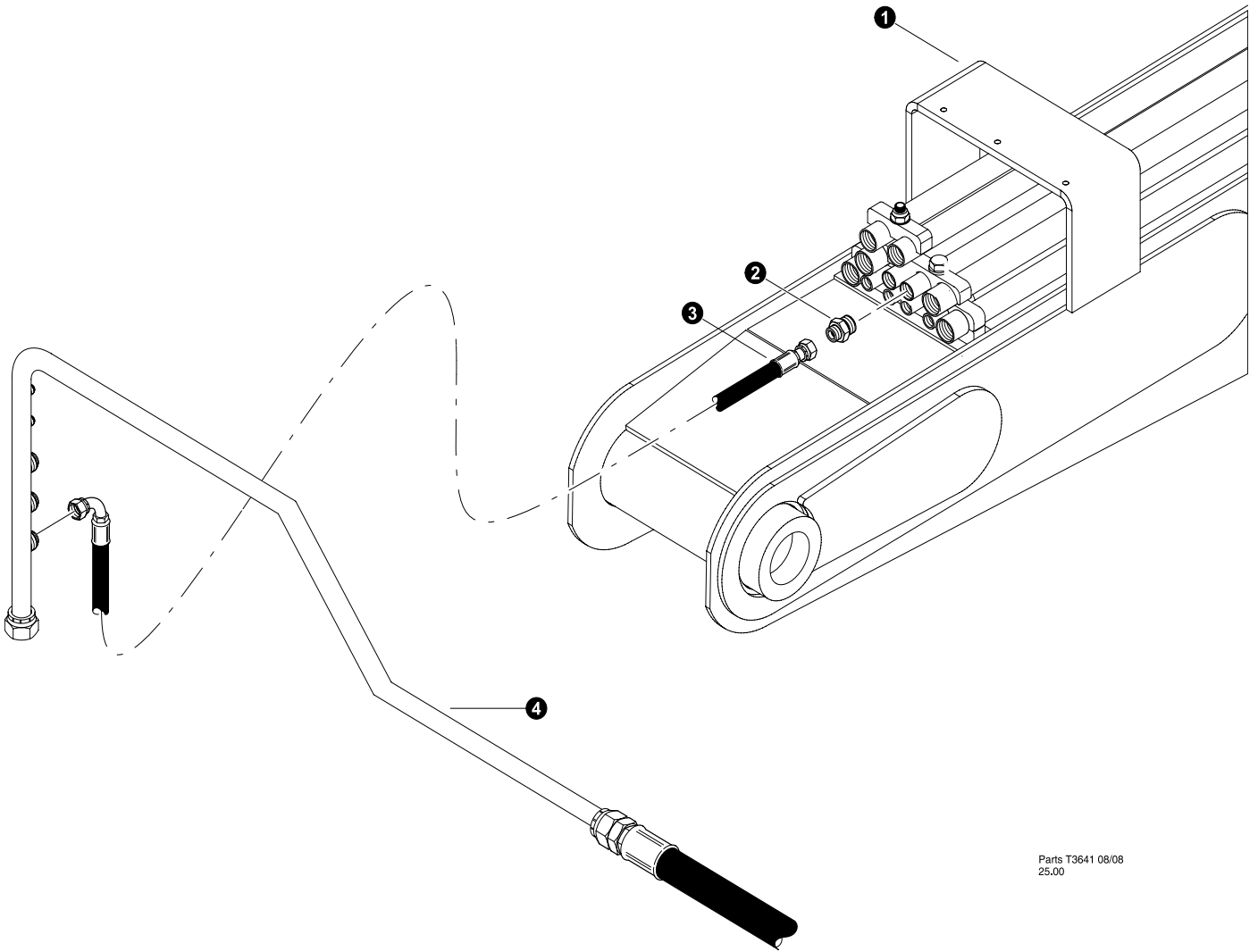


Parts T3327 09/23/05
12.5

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



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


 See referenced page for component or assembly breakdown.

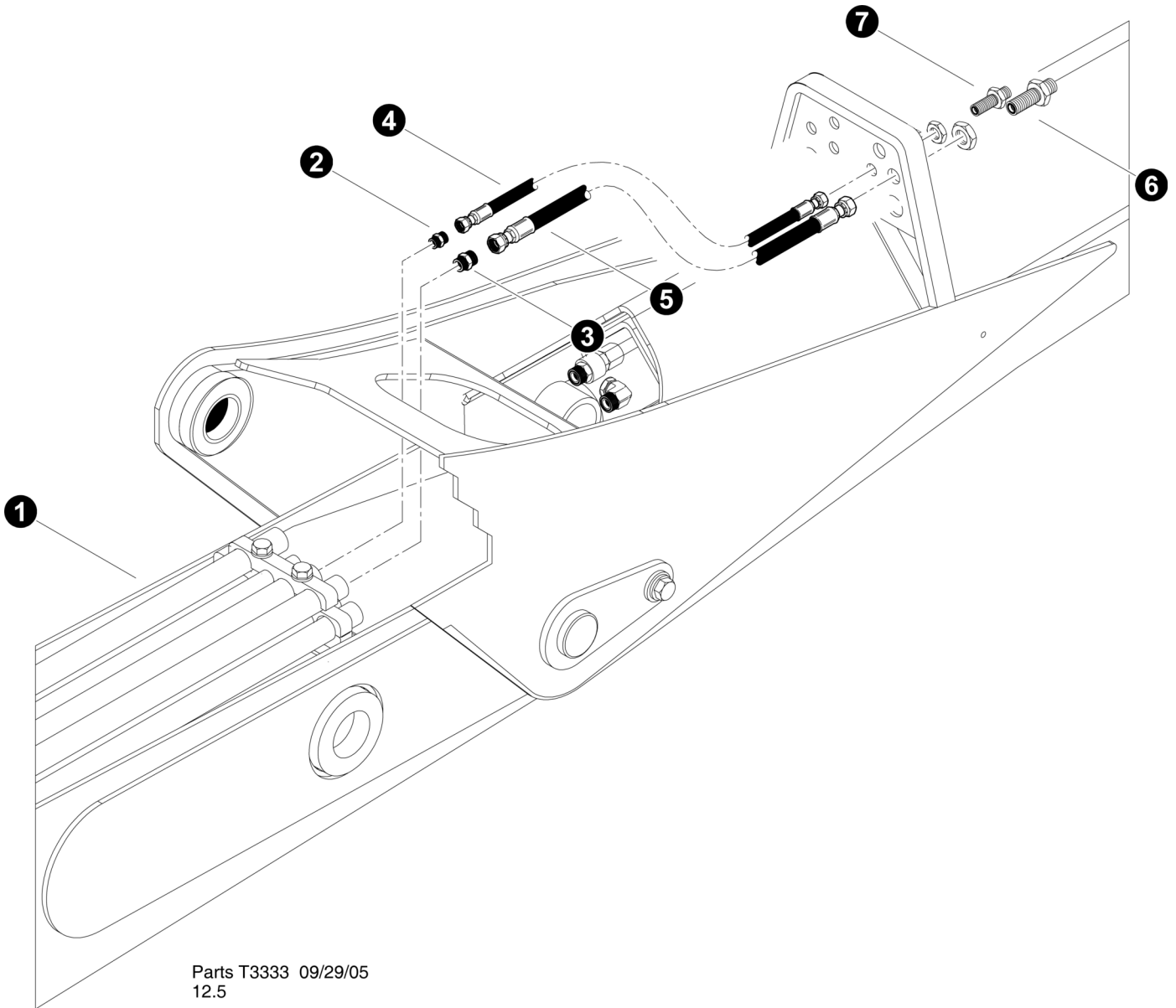


Parts T3641 08/08
25.00


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

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

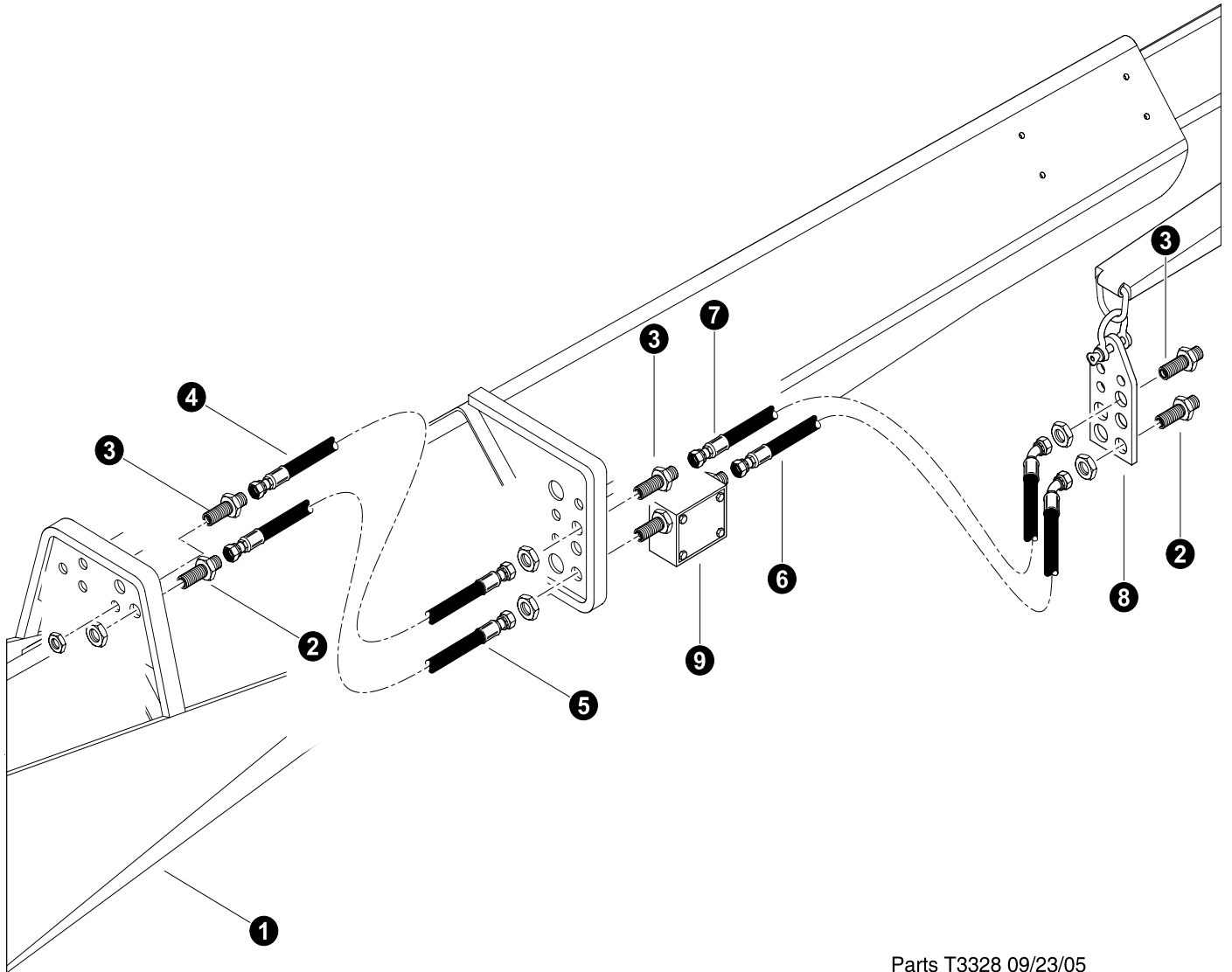
 See referenced page for component or assembly breakdown.



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


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
3	15152-FH	1	CONNECTOR, STR - FF1852T-1212S	
4	-FH	1	HOSE ASSEMBLY - 4049-12-120S-120S (<i>Case Drain Main Boom tube line to Squirt Boom</i>)	
5	-FH	1	HOSE ASSEMBLY - 2049-12-120S-120S (<i>Wire tube line to Squirt Boom</i>)	
6	19754-FH	1	CONNECTOR, STR BULKHEAD - 12 WLO-WLNL-S	
7	19754-FH	1	CONNECTOR, STR BULKHEAD - 12 WLO-WLNL-S	


 See referenced page for component or assembly breakdown.

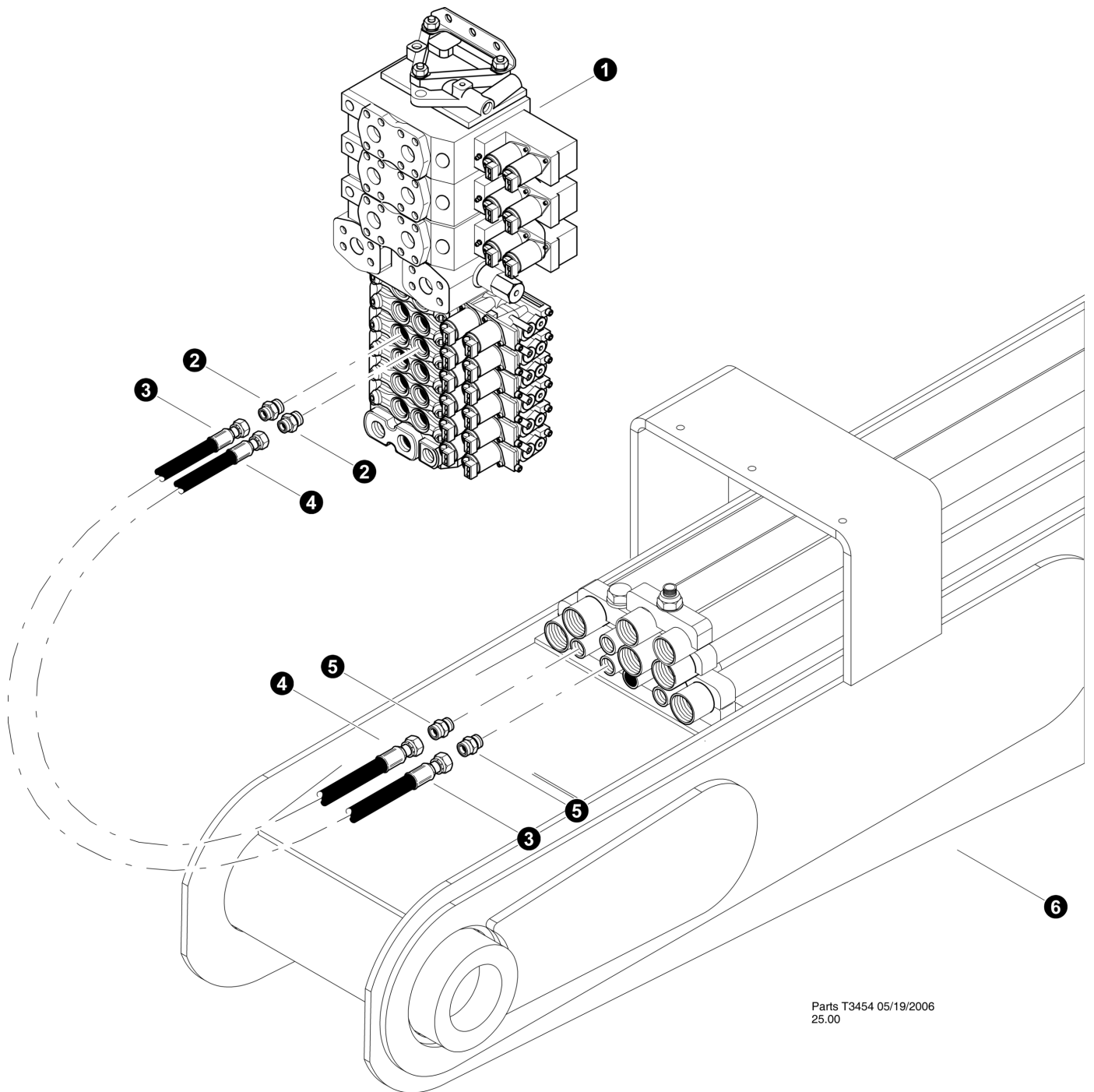


Parts T3328 09/23/05
12.5

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



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

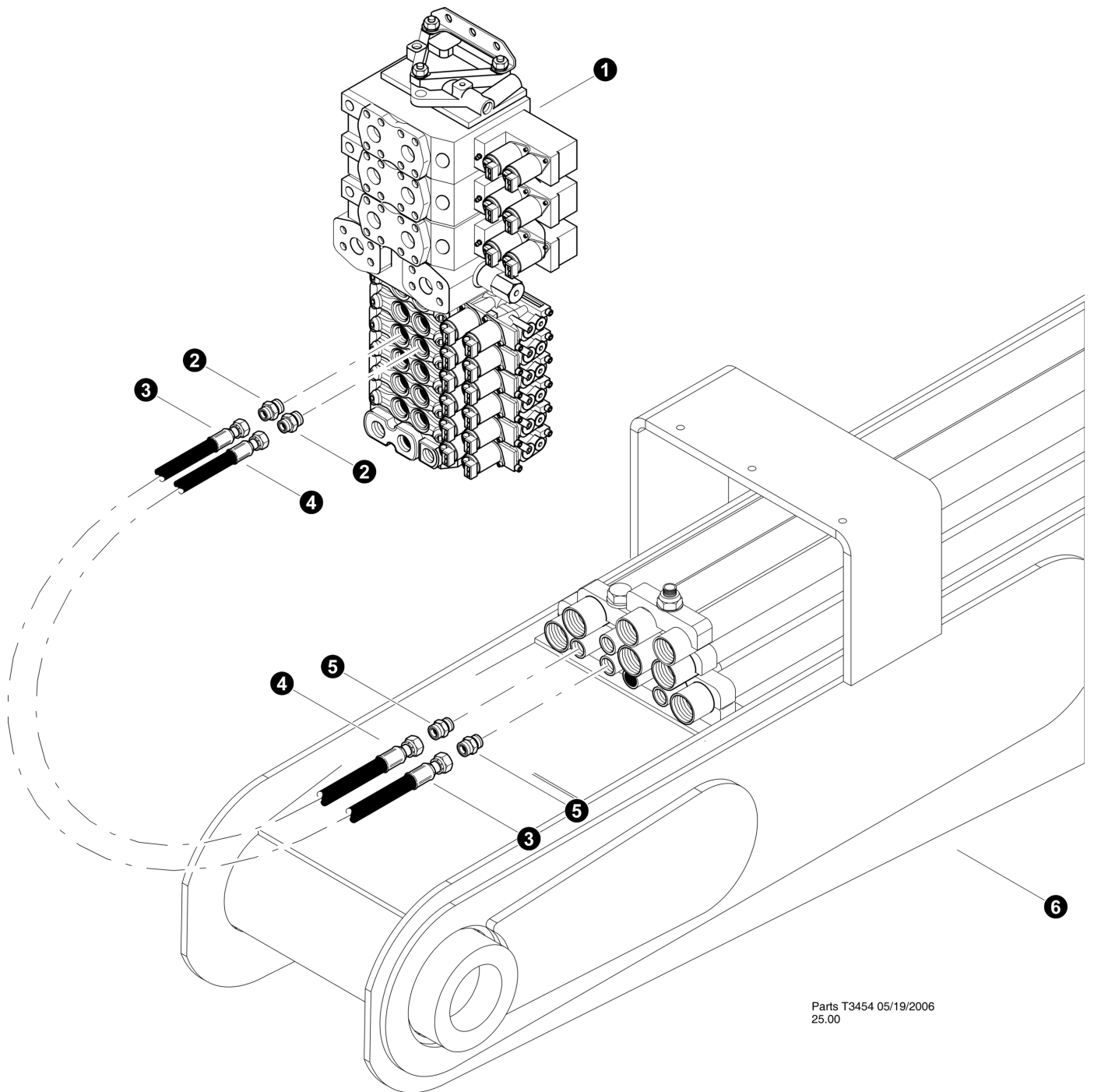
 See referenced page for component or assembly breakdown.



Parts T3454 05/19/2006
25.00



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

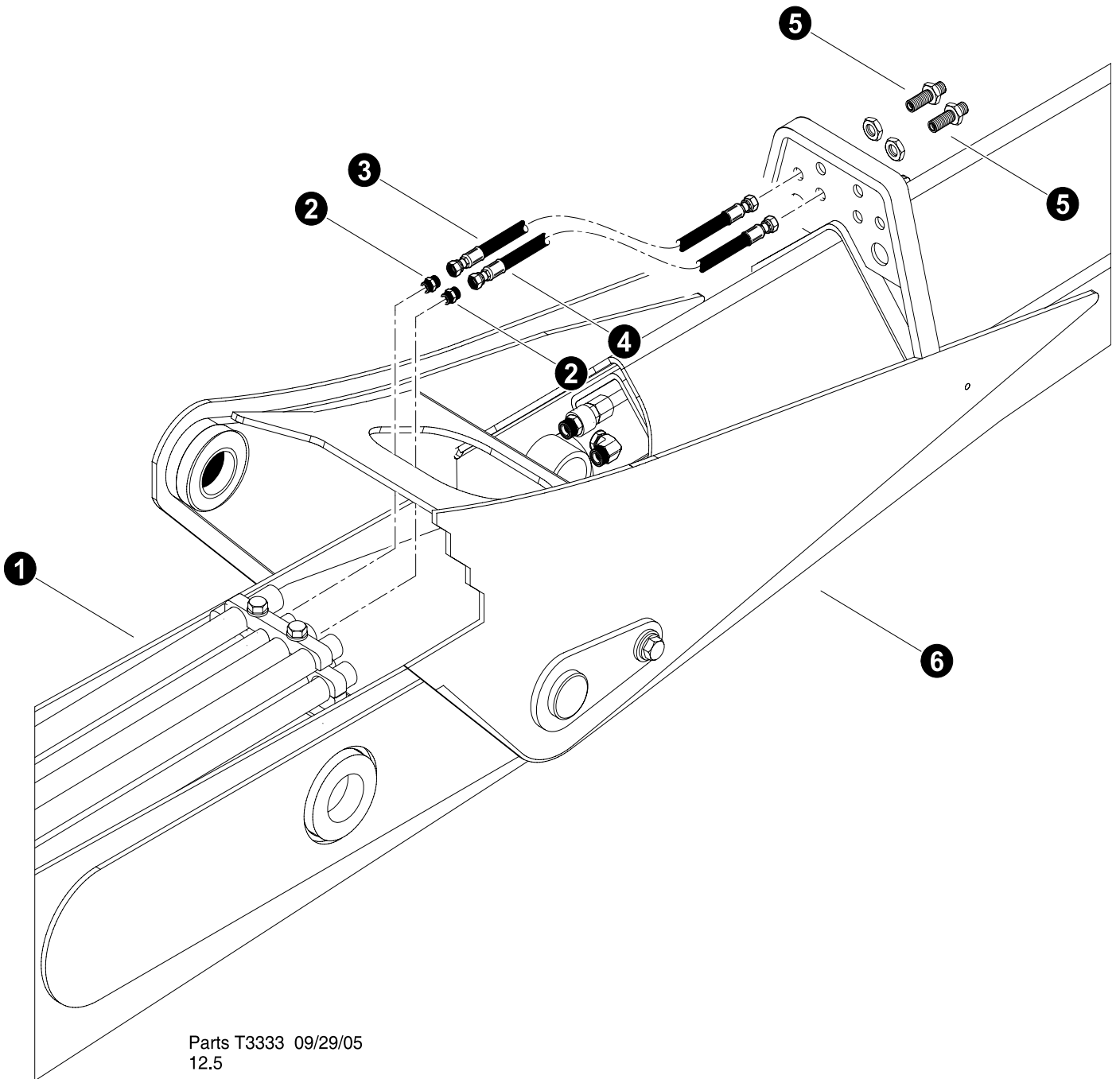
REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN CONTROL VALVE	FH-2
2	15115-FH	2	CONNECTOR, straight - FF1852T-0810S	
3	-FB	1	HOSE ASSEMBLY - 4057-08-080S-080S (<i>Rotate valve section work port "A" to main boom left inside tube line</i>)	
4	-FB	1	HOSE ASSEMBLY - 4056-08-080S-080S (<i>Rotate valve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





Parts T3454 05/19/2006
25.00

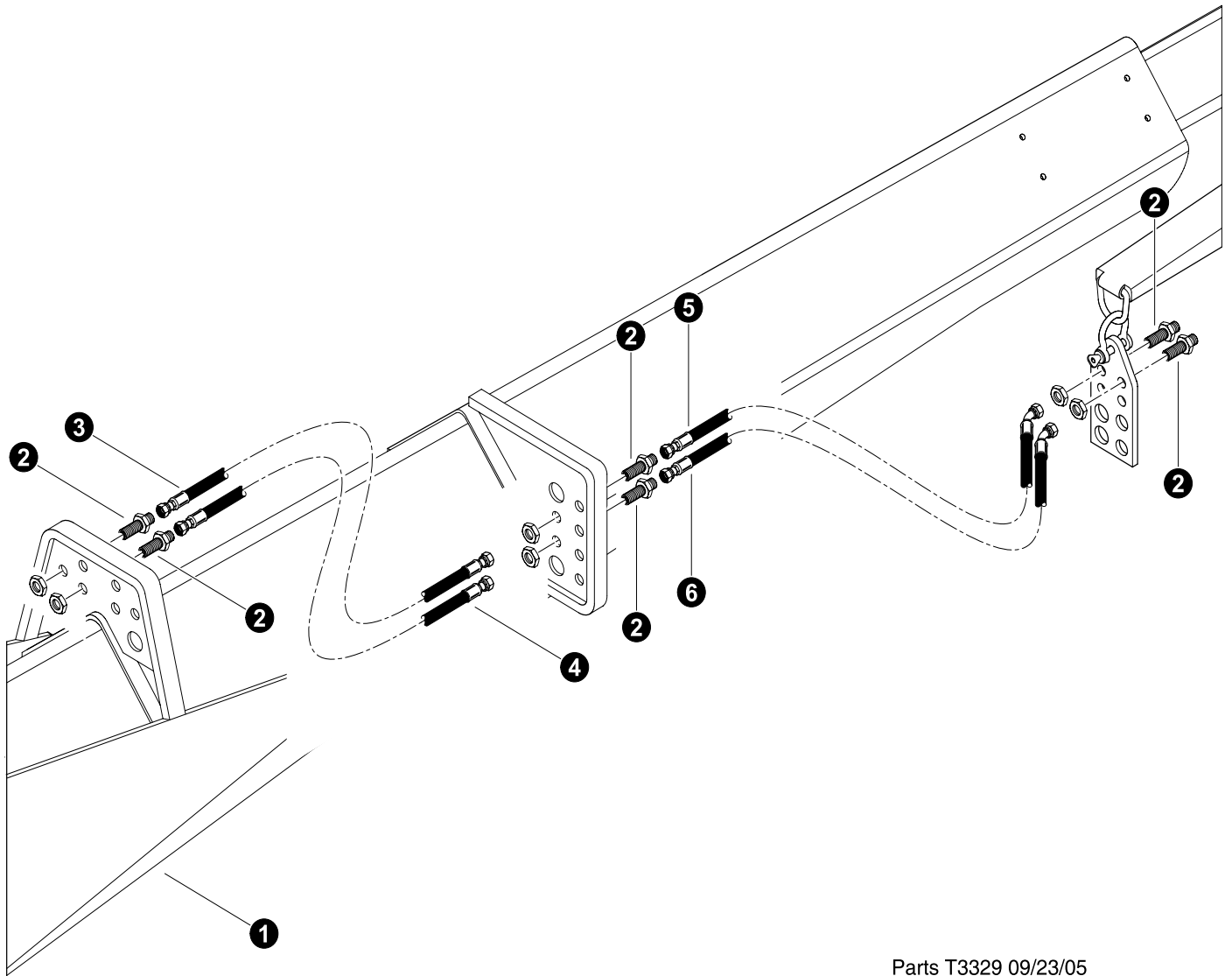
HARVESTER WITH SQUIRT BOOM CONNECTIONS
(Main Boom - Head Rotate Connections)
TL725B-0026-051909 and after

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




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

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



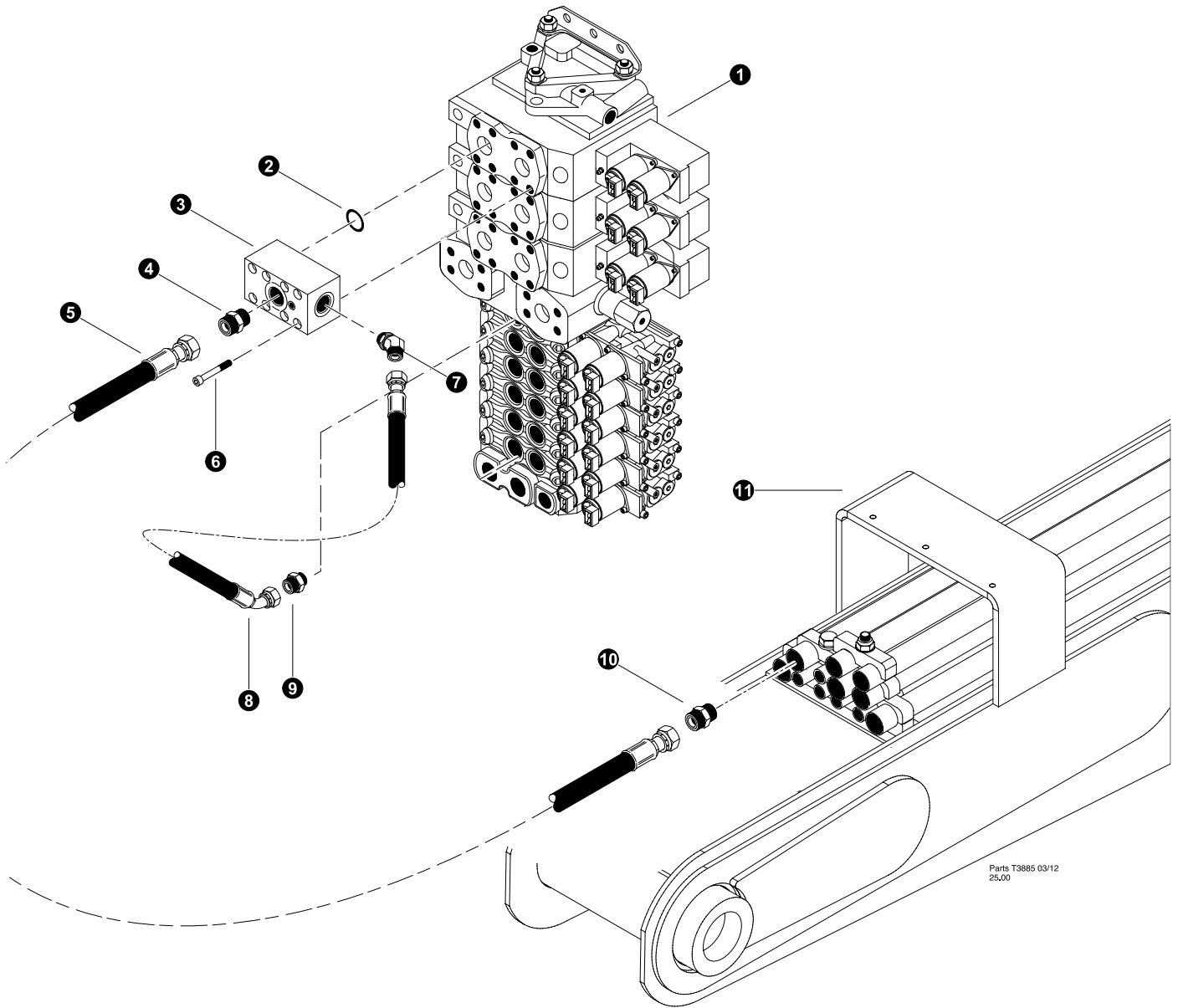
Parts T3329 09/23/05
12.5

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

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



Section FH-7

Feller Buncher Hydraulics - Implement Function Connections - Rolly II

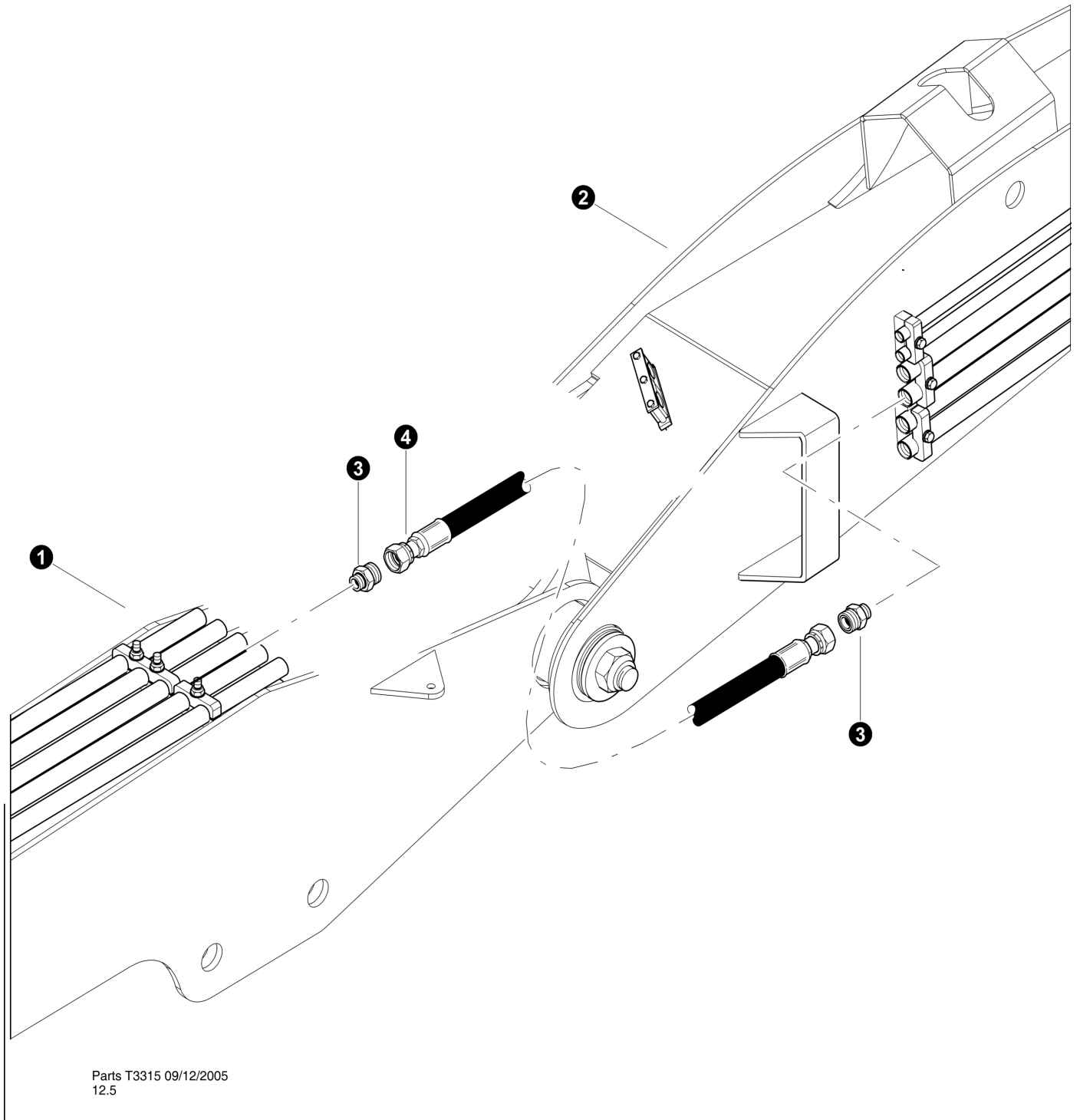


Parts T3885 03/12
25.00



HARVESTER ATTACHMENT PRESSURE (Valve to Main Boom)

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

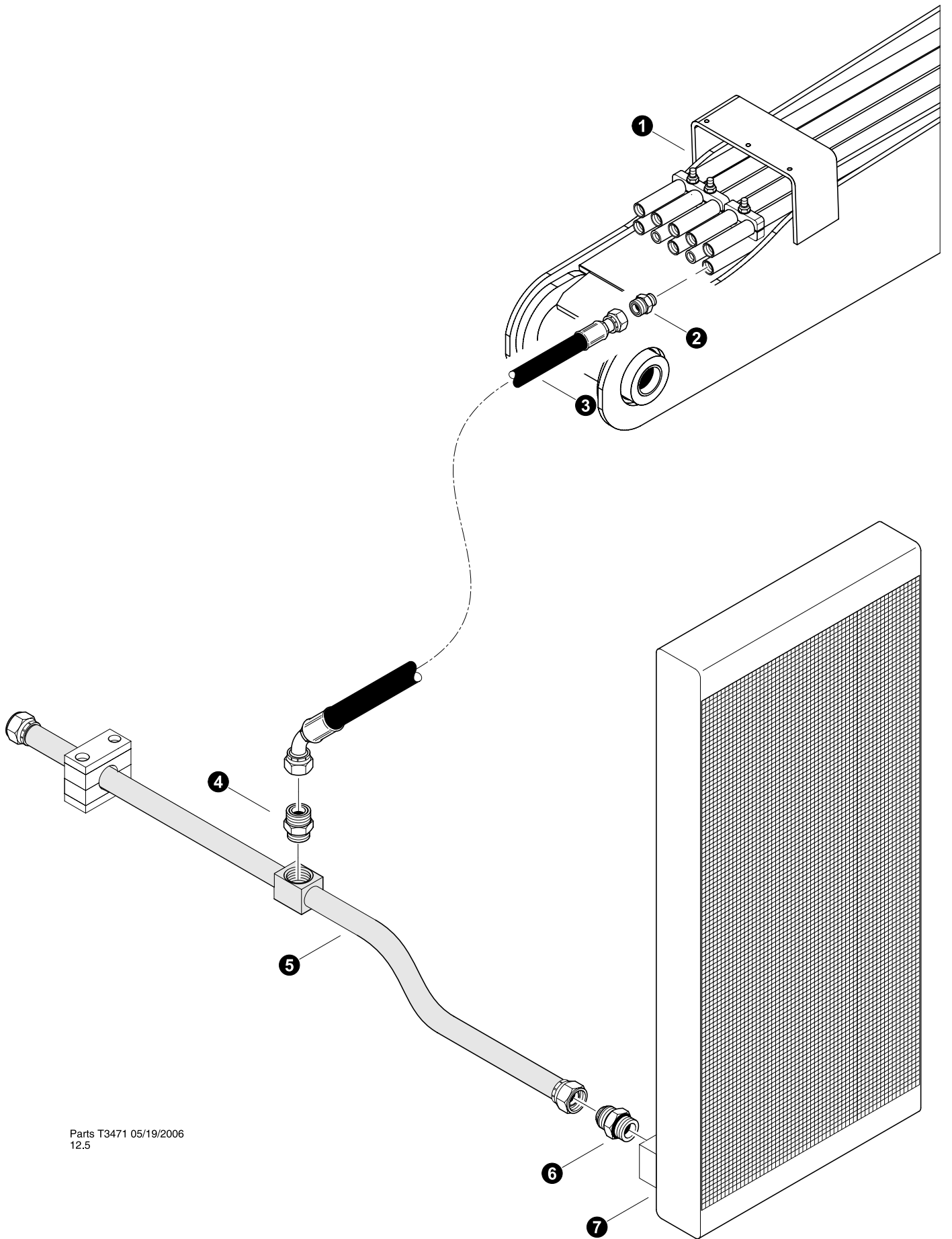
 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT PRESSURE (Main Boom to Stick Boom)




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

 See referenced page for component or assembly breakdown.

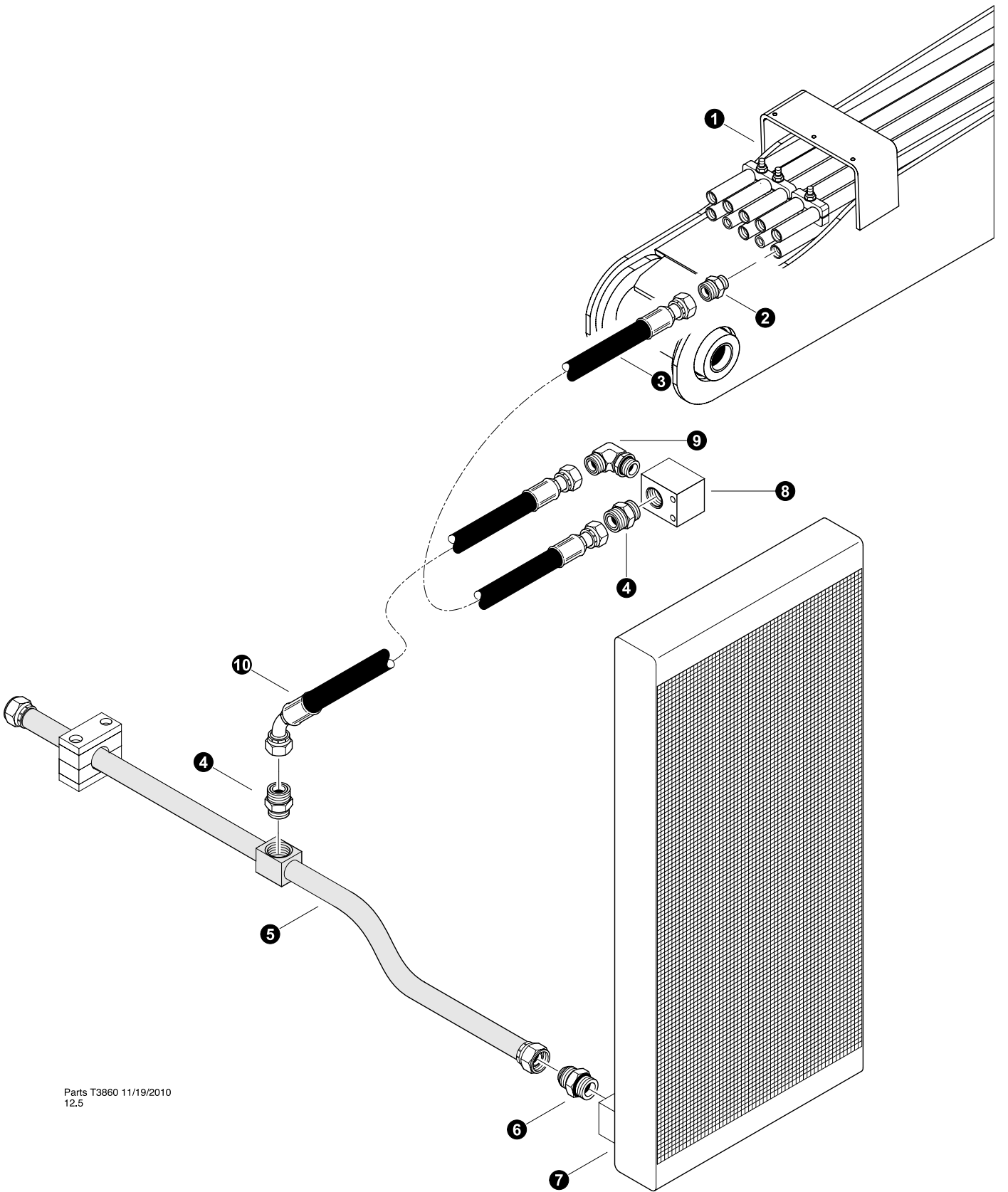


Parts T3471 05/19/2006
12.5

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




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

 See referenced page for component or assembly breakdown.

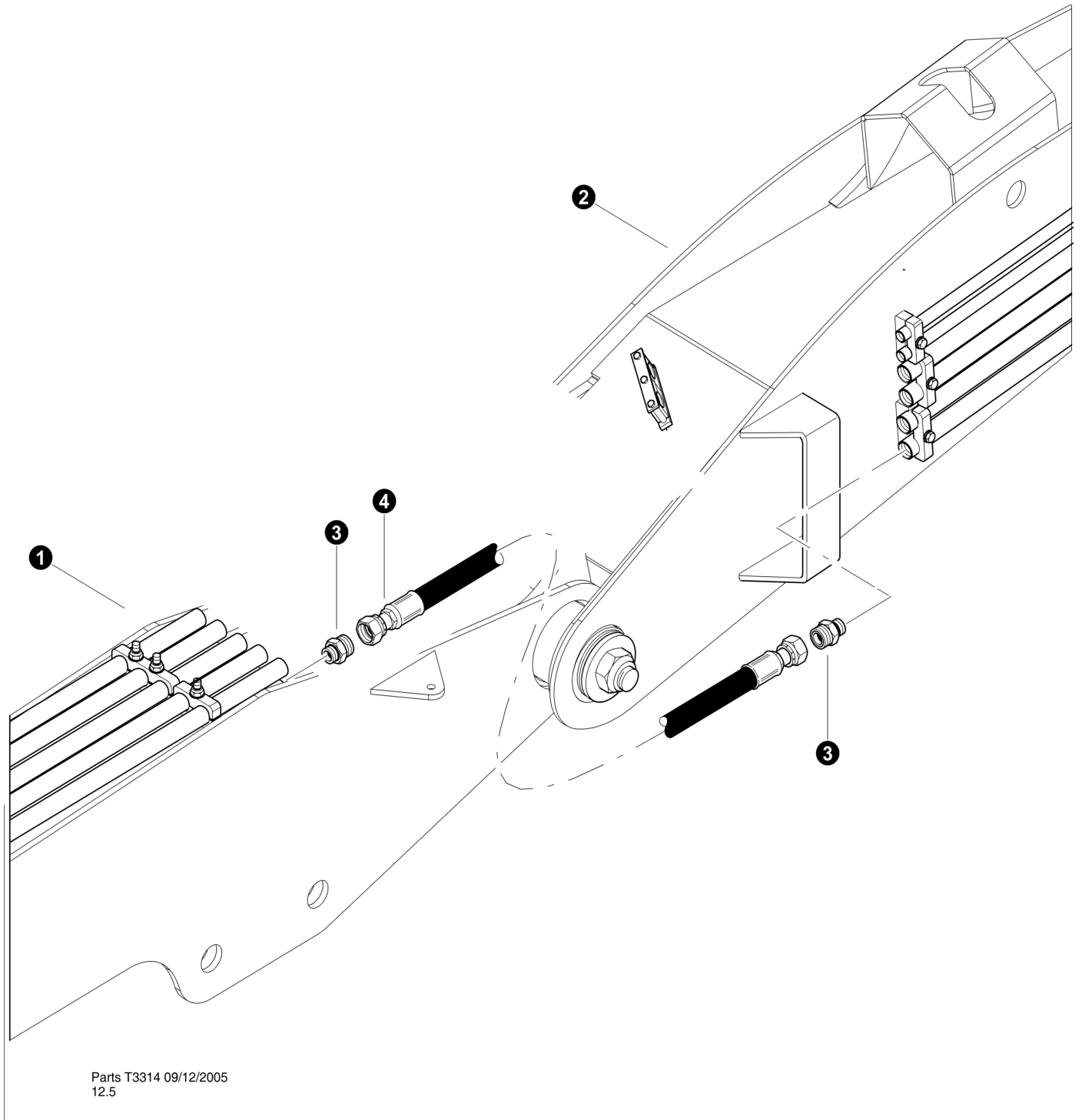


Parts T3860 11/19/2010
12.5



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

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

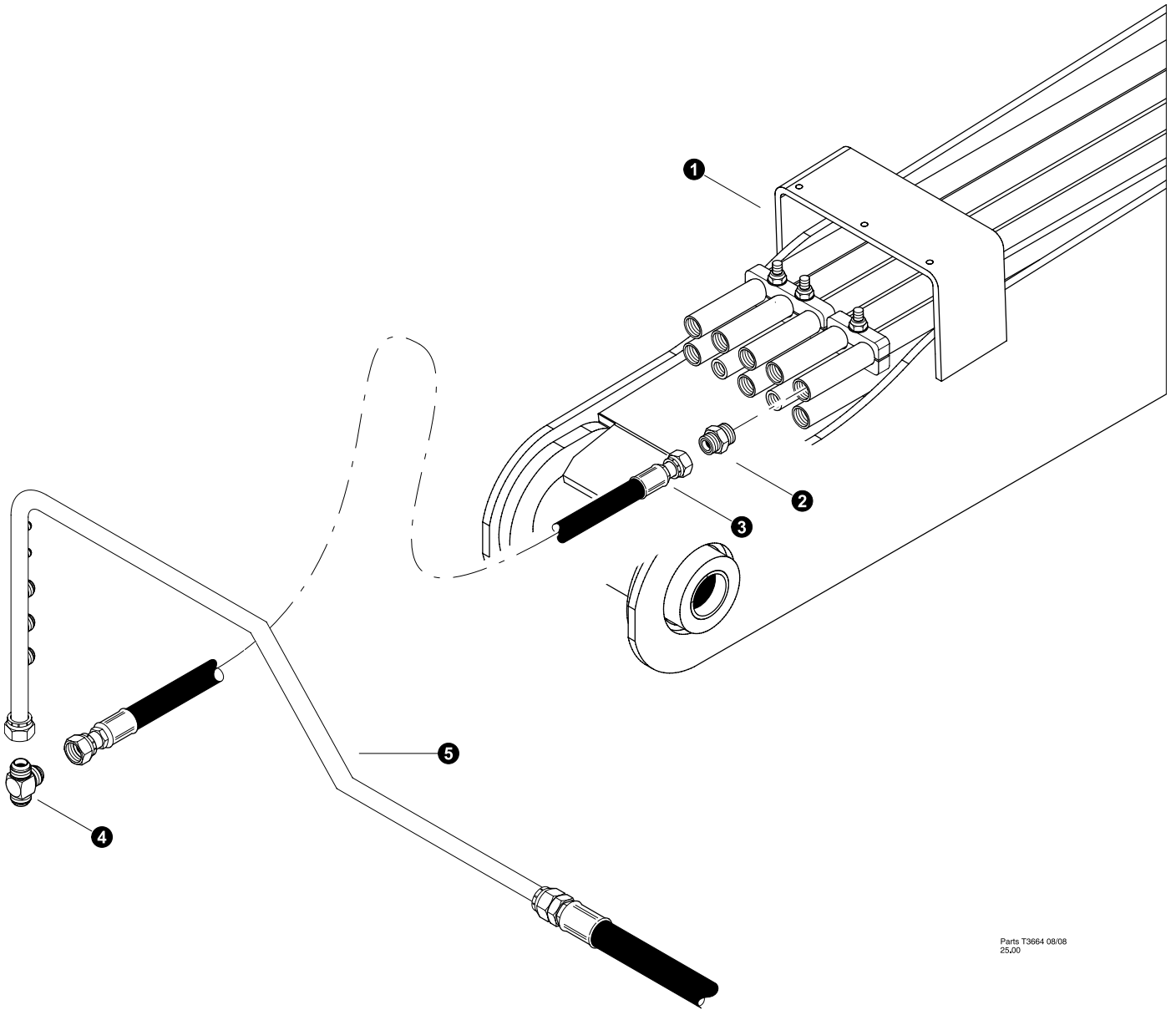
 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT RETURN (Main Boom to Stick Boom)



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


 See referenced page for component or assembly breakdown.

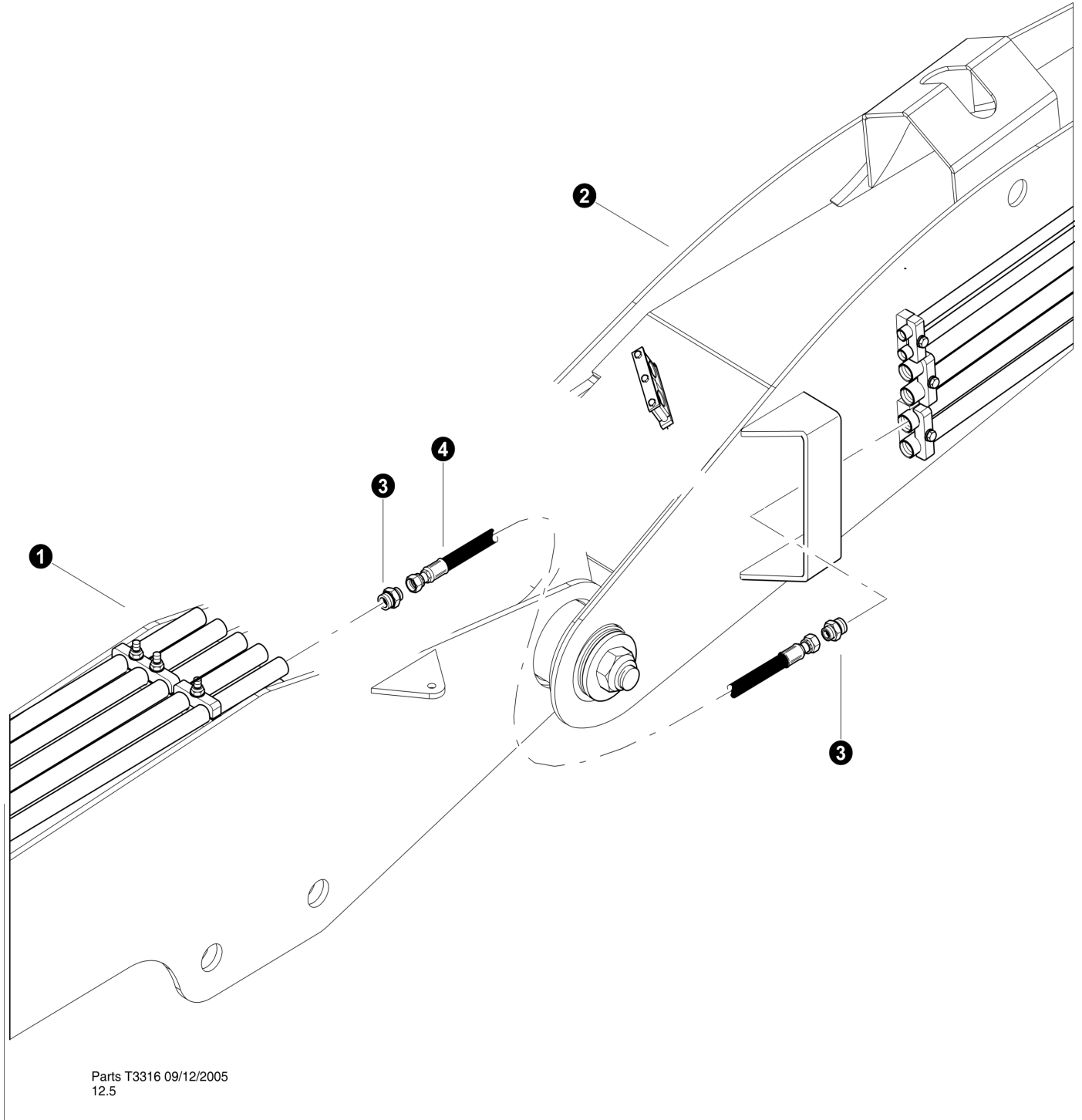


Parts T3664 08/08
25.00



HARVESTER ATTACHMENT CASE DRAIN (Oil Tank to Main Boom)

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

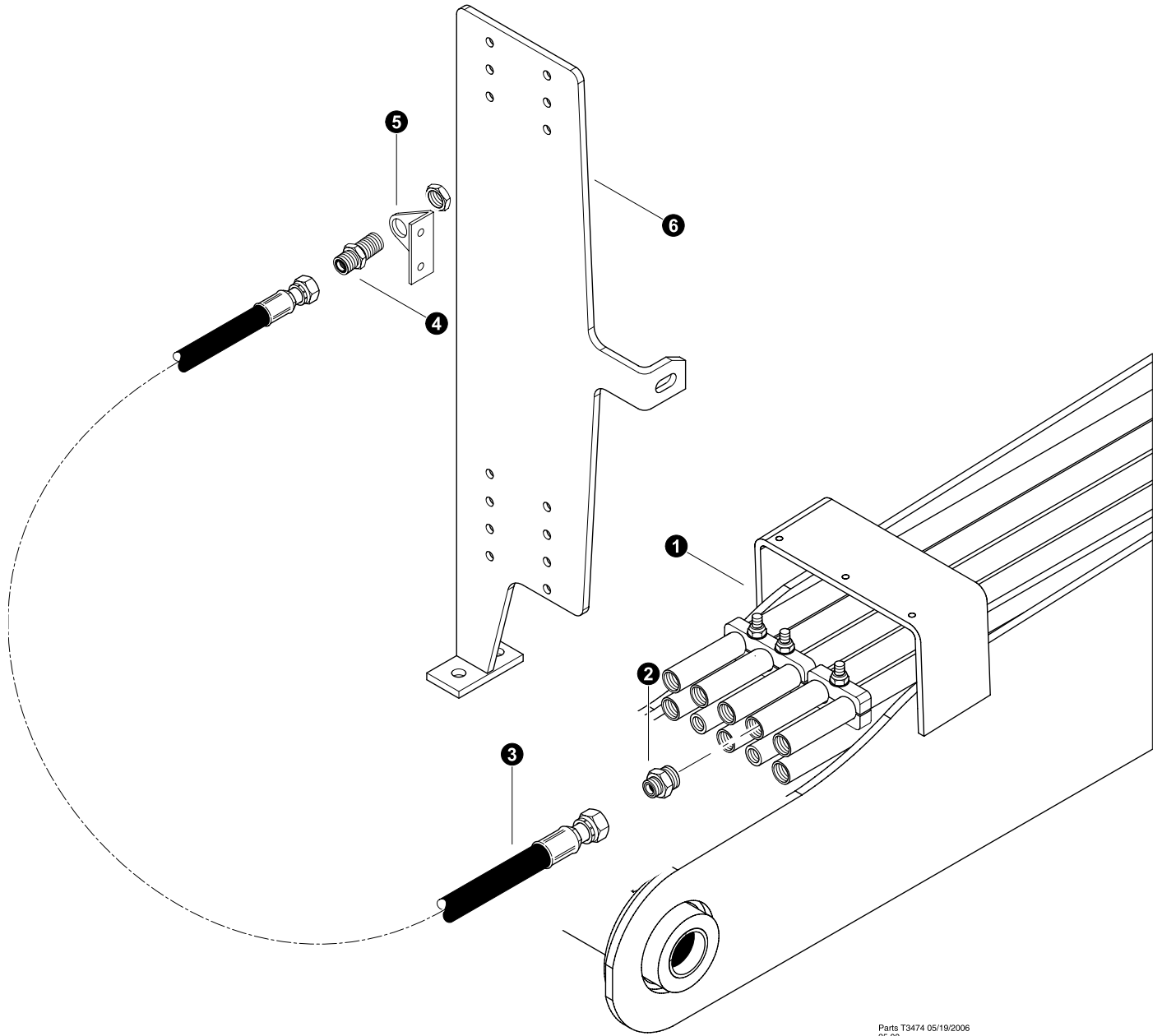
 See referenced page for component or assembly breakdown.



HARVESTER ATTACHMENT CASE DRAIN (Main Boom to Stick Boom)


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


 See referenced page for component or assembly breakdown.

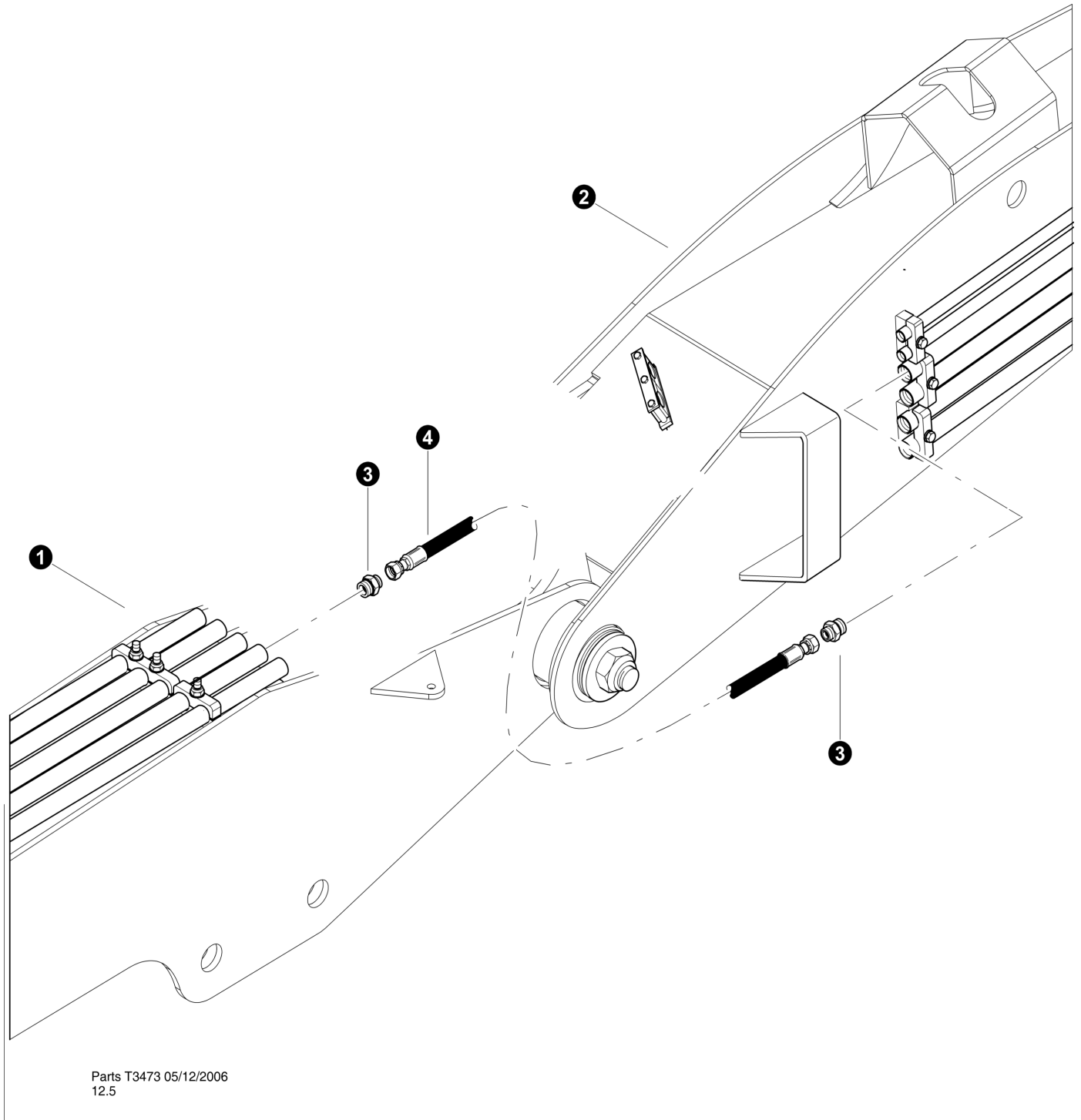


Parts T3474 05/19/2006
25.00



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

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

 See referenced page for component or assembly breakdown.



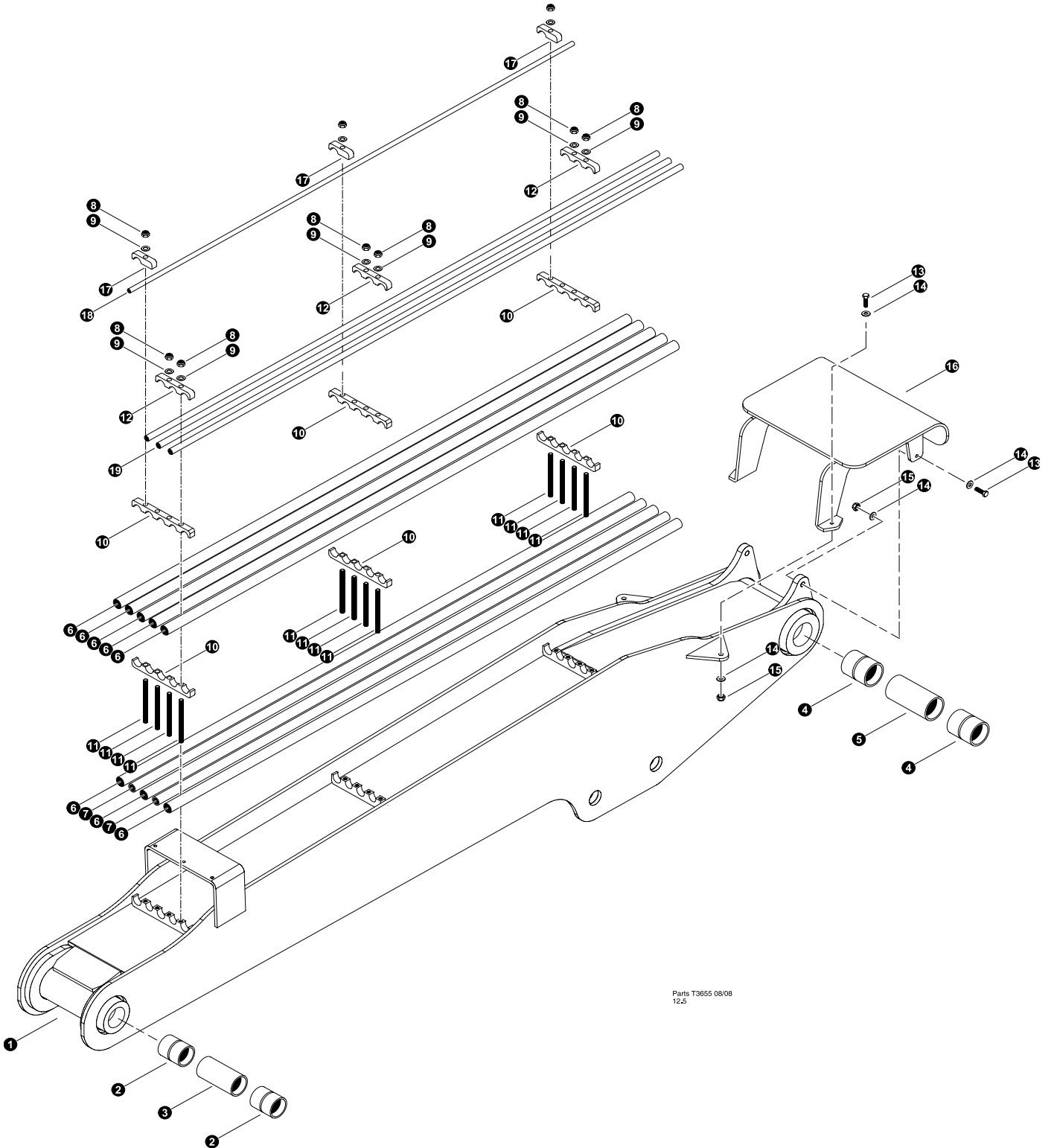
HARVESTER ATTACHMENT WIRE HOSE (Main Boom to Stick Boom)

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

 See referenced page for component or assembly breakdown.

Section FB-1

Feller Buncher Booms - Main Boom

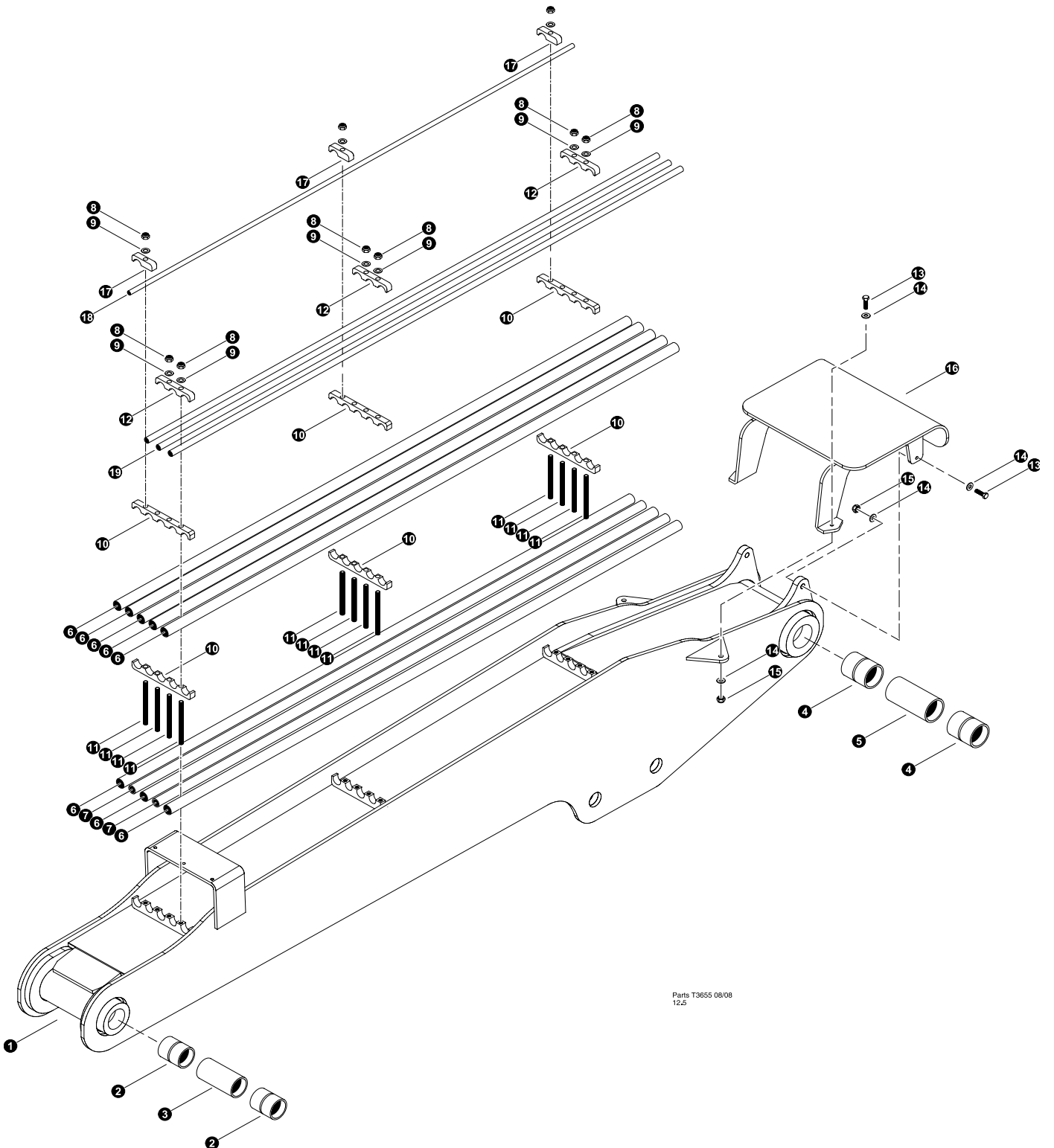


Parts T3655 08/08
12.5

MAIN BOOM COMPONENTS
Shown with optional 1/2" tubelines
(Machine TL735B-0030-090309 and Older)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52692-FB	1	<input type="checkbox"/> WELDMENT, MAIN BOOM	
2	42485-FB	2	BUSHING - 3.5" X 3.0" X 4.25" UNDERSIZE	
3	12365-FB	1	SPACER, base - 3" x 7-1/2"	
4	18564-FB	2	BUSHING - 3.5" X 4.25"	
5	42410-FB	1	SPACER, 3.5 X 7.44	
6	51833-FB	8	TUBELINE - 1" X 108" FB MAIN TF830	
7	51834-FB	2	TUBELINE - .75" X 108" FB MAIN TF830	
8	15563-FB	9	NUT, nylock - 5/8"	
9	10771-FB	9	WASHER, SAE flat - 5/8"	
10	52155-FB	6	CLAMP, SADDLE - DRILLED (5-1" TUBES)	
11	17062-FB	12	STUD - .625" X 8"	
12	85086-FB	3	CLAMP, SADDLE TOP TUBE - 1"/1"/1"	
13	15517-FB	4	BOLT - .625" X 2.5"	
14	10771-FB	8	WASHER, SAE flat - 5/8"	
15	10816-FB	4	NUT, LOCK - .625"	
16	51988-FB	1	GUARD, HOSE - MAIN BOOM (FB) 630/830	
17	23222-FB	3	CLAMP, SADDLE TOP TUBE - .5" (1 TUBE)	
18	53116-FB	1	TUBELINE - .375" X 108" - BLACK PIPE	
19	51835-FB	3	TUBELINE - .5" X 108" FB MAIN TF830	

Kit or Assembly - includes all items indented underneath.

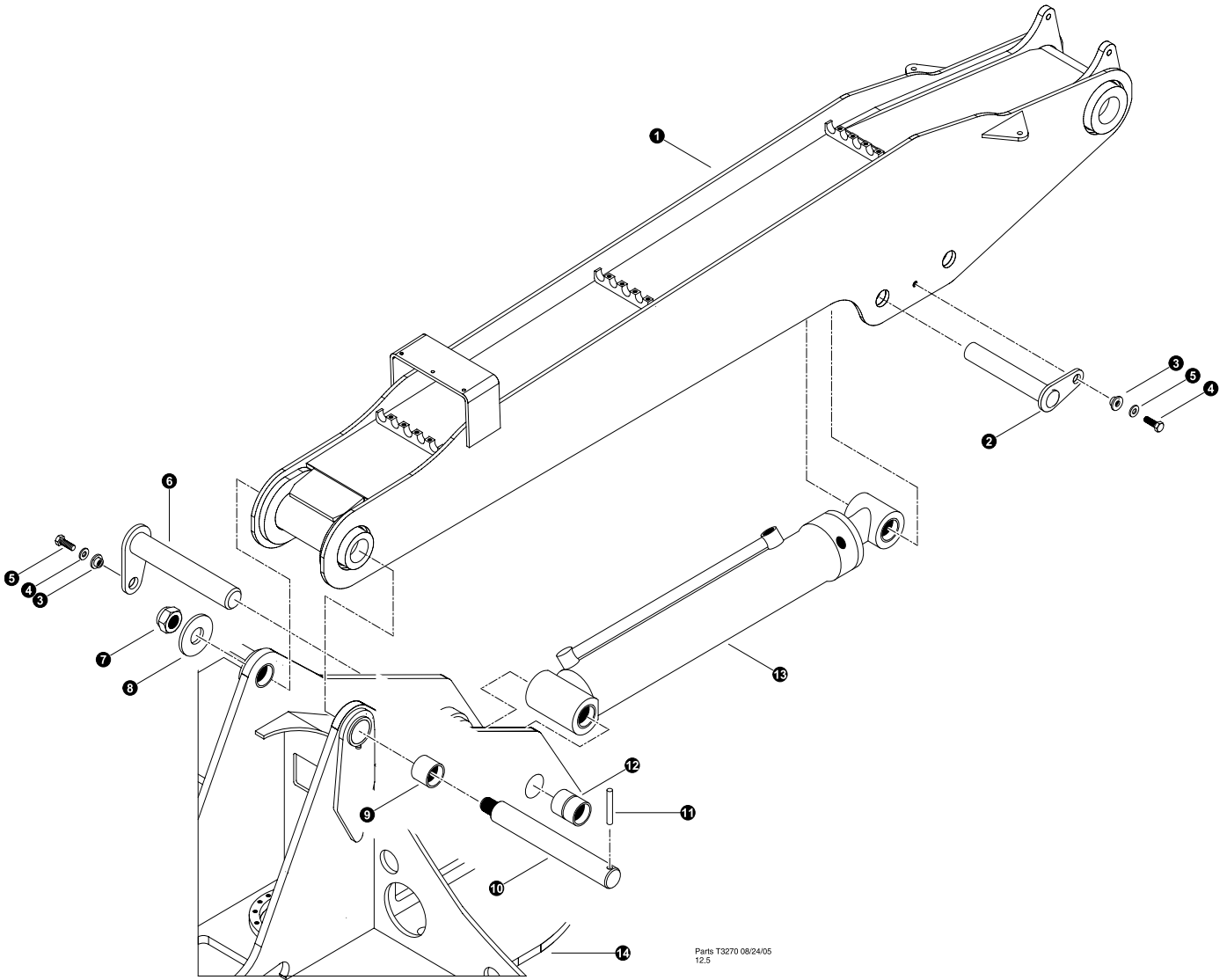


Parts T3655 08/08
12.5



MAIN BOOM COMPONENTS
Shown with optional 1/2" tubelines
(Machine TL735B-0031-092509 and newer)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53919-FB	1	<input type="checkbox"/> WELDMENT, MAIN BOOM	
2	42485-FB	2	BUSHING - 3.5" X 3.0" X 4.25" UNDERSIZE	
3	12365-FB	1	SPACER, base - 3" x 7-1/2"	
4	18564-FB	2	BUSHING - 3.5" X 4.25"	
5	42410-FB	1	SPACER, 3.5 X 7.44	
6	51833-FB	8	TUBELINE - 1" X 108" FB MAIN TF830	
7	51834-FB	2	TUBELINE - .75" X 108" FB MAIN TF830	
8	15563-FB	9	NUT, nylock - 5/8"	
9	10771-FB	9	WASHER, SAE flat - 5/8"	
10	52155-FB	6	CLAMP, SADDLE - DRILLED (5-1" TUBES)	
11	17062-FB	12	STUD - .625" X 8"	
12	85086-FB	3	CLAMP, SADDLE TOP TUBE - 1"/1"/1"	
13	15517-FB	4	BOLT - .625" X 2.5"	
14	10771-FB	8	WASHER, SAE flat - 5/8"	
15	10816-FB	4	NUT, LOCK - .625"	
16	53927-FB	1	GUARD, HOSE - MAIN BOOM (FB)(53919 BOOM)	
17	23222-FB	3	CLAMP, SADDLE TOP TUBE - .5" (1 TUBE)	
18	53116-FB	1	TUBELINE - .375" X 108" - BLACK PIPE	
19	51835-FB	3	TUBELINE - .5" X 108" FB MAIN TF830	

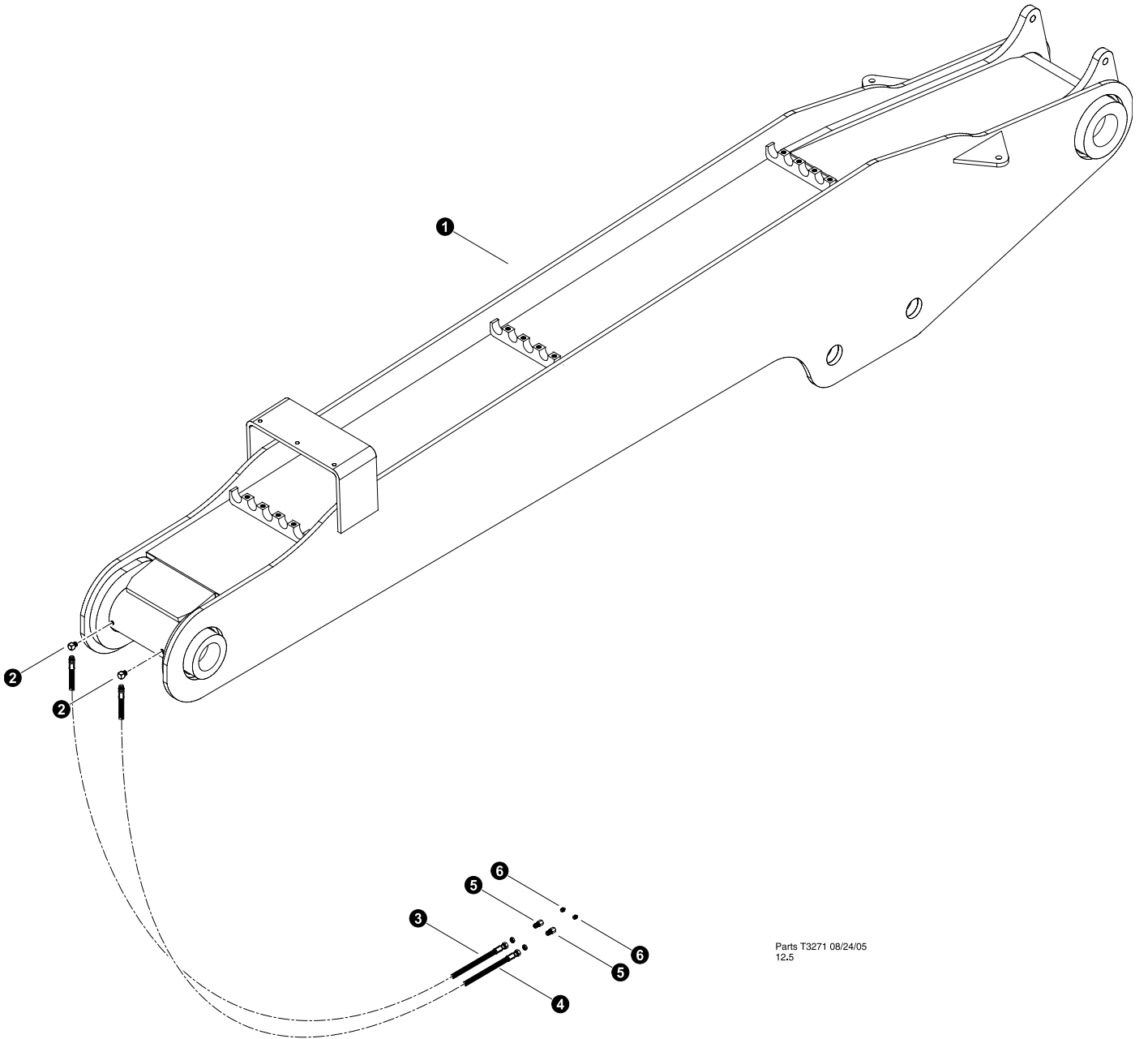
Kit or Assembly - includes all items indented underneath.



MAIN BOOM INSTALLATION



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 MAIN BOOM ASSEMBLY	FB-1
2	51653-LB	1	PIN ASSEMBLY, 2.99 DIA X 14.25" (TL735B-0030-090309 and newer)	
2	53926-LB	1	PIN ASSEMBLY, 2.99 DIA X 15.38" (TL735B-0031-092509 and newer)	
3	18570-LB	2	WASHER, PIN RETAINING	
4	15550-LB	2	WASHER, SAE FLAT - .75"	
5	15549-LB	2	BOLT - .75" X 2.0	
6	51575-LB	1	PIN ASSEMBLY, 2.99 DIA X 18.63"	
7	10728-LB	1	NUT, NYLOCK - 2" (ZINC PLATED)	
8	19384-LB	1	WASHER, BURNED - 2.12" ID X 6" OD X .5"	
9	42484-LB	2	BUSHING - 3.5" X 3.0" X 2.0" UNDERSIZE	
10	51952-LB	1	PIN ASSEMBLY, 2.99 DIA X 24.63"	
11	51953-LB	1	PIN, DOWEL 1 DIA X 5 LG	
12	42485-LB	2	BUSHING - 3.5" X 3.0" X 4.25" UNDERSIZE	
13	REF.	1	MAIN BOOM CYLINDER (Feller Buncher)	FB-3
14	REF.	1	 UPPER TURNTABLE WELDMENT.	UP-1



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

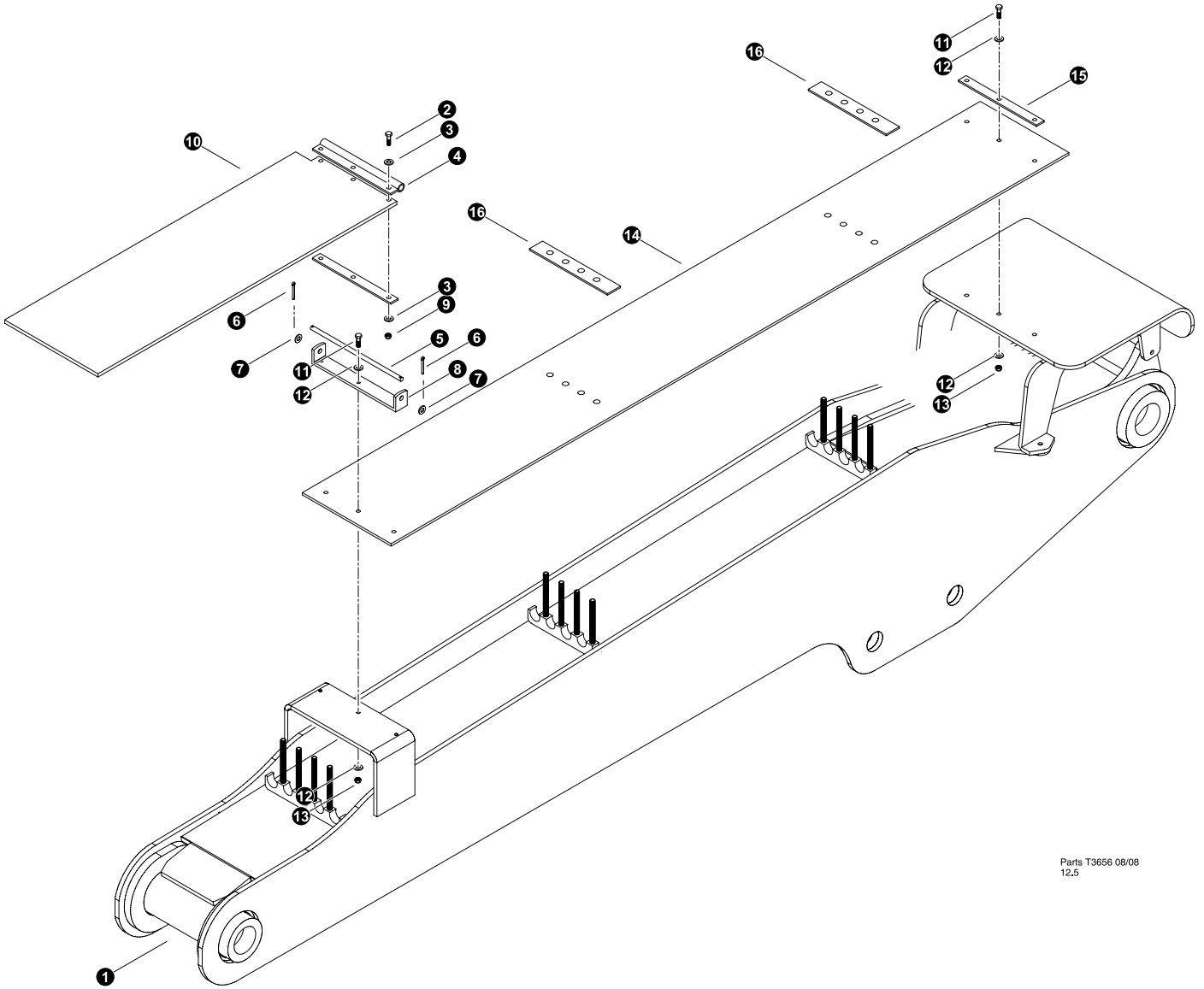


Parts T3271 08/24/05
12.5

MAIN BOOM GREASE LINES



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 MAIN BOOM ASSEMBLY	FB-1
2	22281-FB	6	FITTING, 90° - 5546132	
-	51977-FB	1	 KIT, hose - grease lines - <i>Feller Buncher</i>	
3	-FB	2	HOSE ASSEMBLY 2060-02-02PS-04JS	
4	-FB	2	HOSE ASSEMBLY 2052-02-02PS-04JS	
5	15658-FB	2	CONNECTOR, straight bulkhead - 2239-2-4S	
6	10704-FB	7	FITTING, straight grease - 1/8" pipe thread	



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



Parts T3656 08/08
12.5

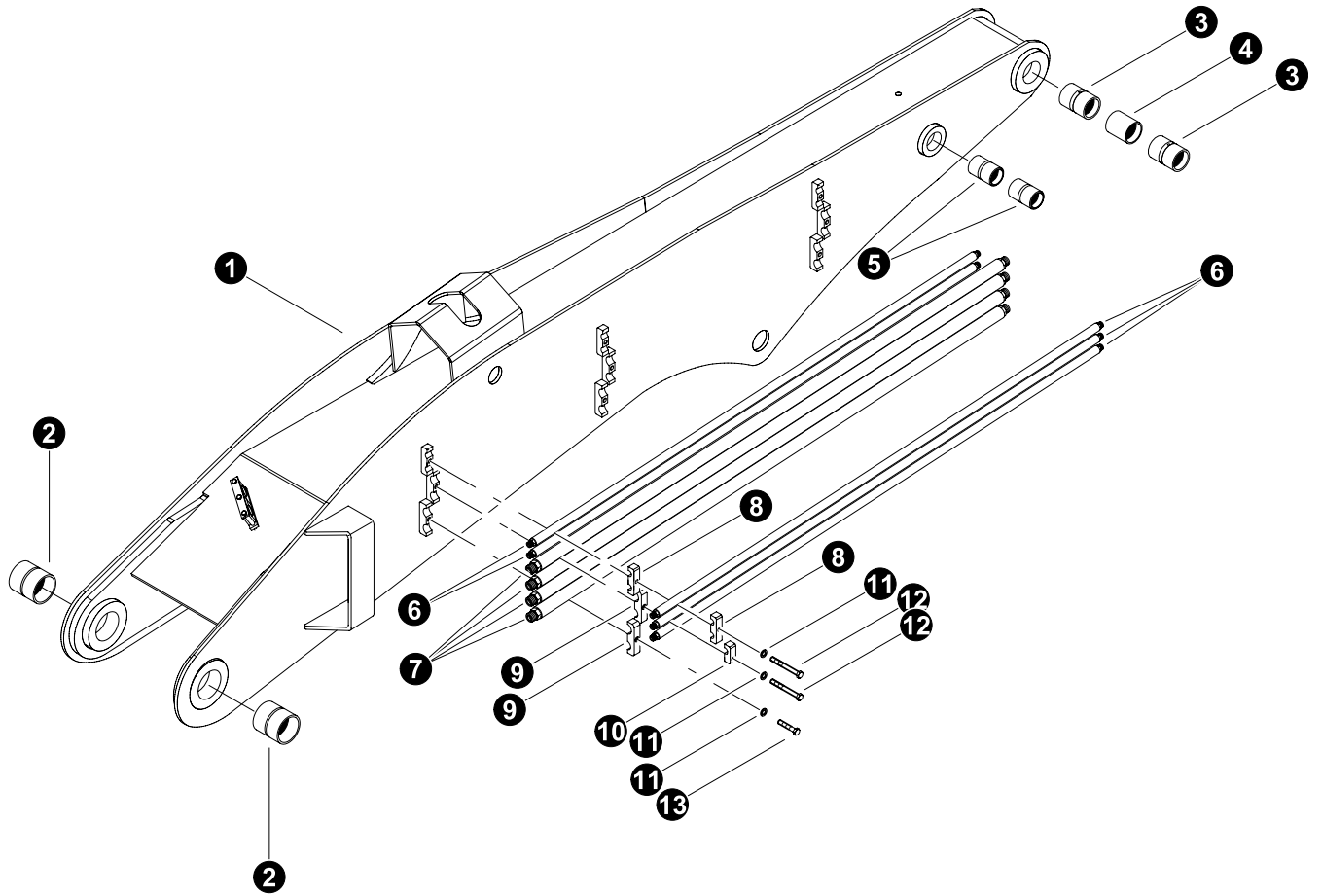
MAIN BOOM - DEBRIS SHIELD

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM	FB-1
2	10731-FB	3	BOLT - .375" X 1.5"	
3	15528-FB	6	WASHER, SAE FLAT - .375"	
-	52820-FB	1	 HINGE, DEBRIS GUARD	
4	43315-FB	1	SUBASSEMBLY, HINGE TUBE	
5	43311-FB	1	PIN, HINGE	
6	-LB	2	PIN, cotter 3/16 X 1.5"	
7	15550-FB	2	WASHER, SAE FLAT - .75"	
8	43312-FB	1	PLATE, CHANNEL	
9	15507-FB	3	NUT, NYLOCK - .375"	
10	52838-FB	1	BELTING, GULLWING TO BOOM HINGED	
11	20084-FB	3	BOLT - .375" X 1.75"	
12	15528-FB	6	WASHER, SAE FLAT - .375"	
13	15507-FB	3	NUT, NYLOCK - .375"	
14	52823-FB	1	BELTING, F/B BOOM TOP	
15	42689-FB	1	PLATE, BELTING HOLD DOWN	
16	52824-FB	2	PLATE, BELTING HOLD DOWN - BOOM COVER	

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

Section FB-2

Feller Buncher Booms - Stick Boom

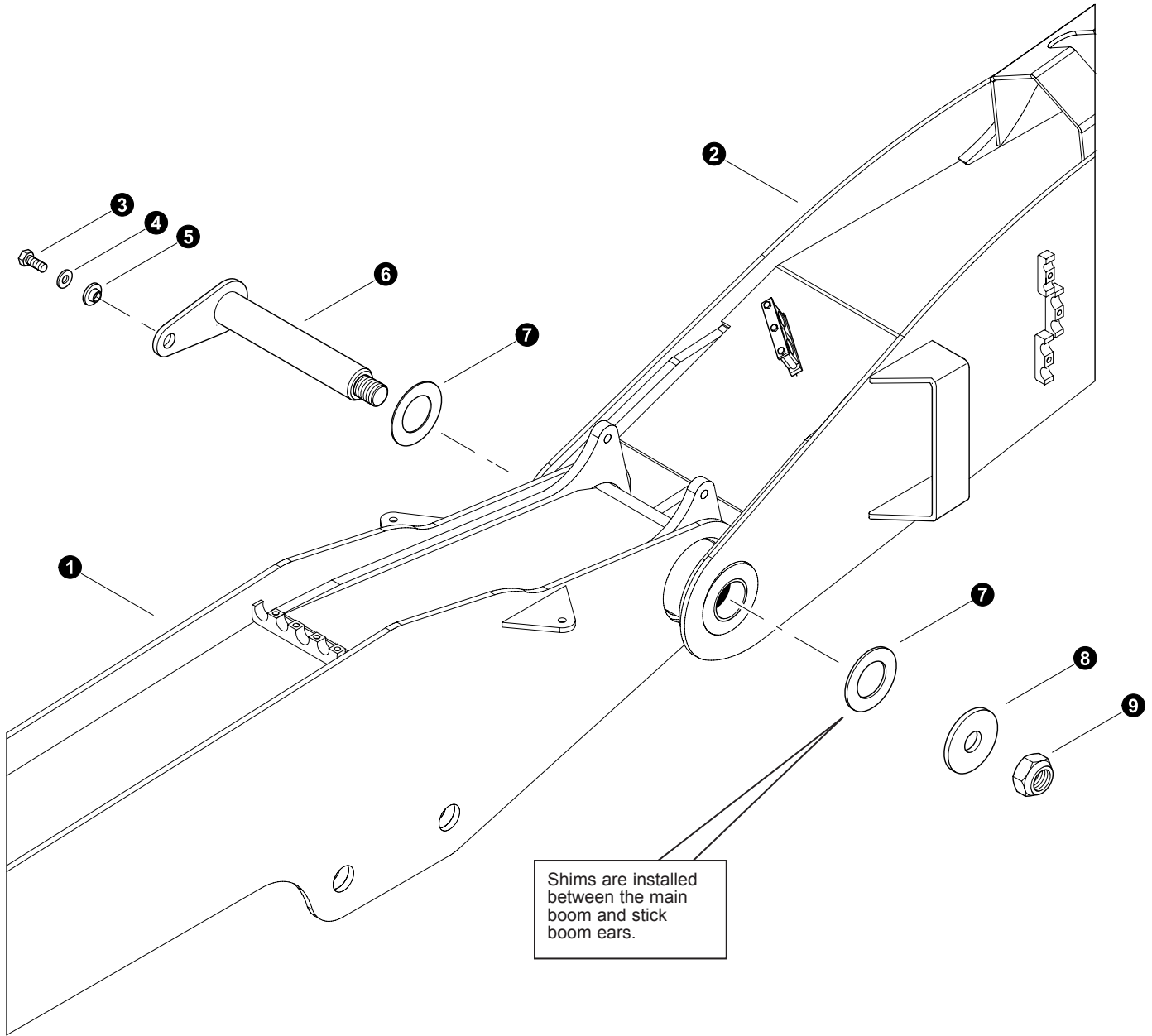


Parts T3272 08/29/2005
6.25

STICK BOOM COMPONENTS



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	51596-FB	1	WELDMENT, stick boom - TB 830 / 630	
2	18565-FB	2	BUSHING - 3.5" X 2.5"	
3	11704-FB	2	BUSHING - 2-1/2" x 4-1/4"	
4	12268-FB	1	SPACER, nose - 2-1/2" x 3-1/2"	
5	11704-FB	2	BUSHING - 2-1/2" x 4-1/4"	
6	16513-FB	5	TUBELINE - 1/2" x 80" (<i>Straight</i>)	
7	16506-FB	4	TUBELINE - 1" x 84" (<i>Straight</i>)	
8	15272-FB	3	CLAMP, saddle top tube - 1/2" x 1/2"	
9	12447-FB	6	CLAMP, SADDLE TOP TUBE - 1" & 1"	
10	23222-FB	3	CLAMP, SADDLE TOP TUBE - .5" (1 TUBE)	
11	10771-FB	9	WASHER, SAE flat - 5/8"	
12	10773-FB	6	BOLT - .625" X 3.5"	
13	15681-FB	3	BOLT - 5/8" X 2.25"	

- Kit or Assembly - includes all items indented underneath.

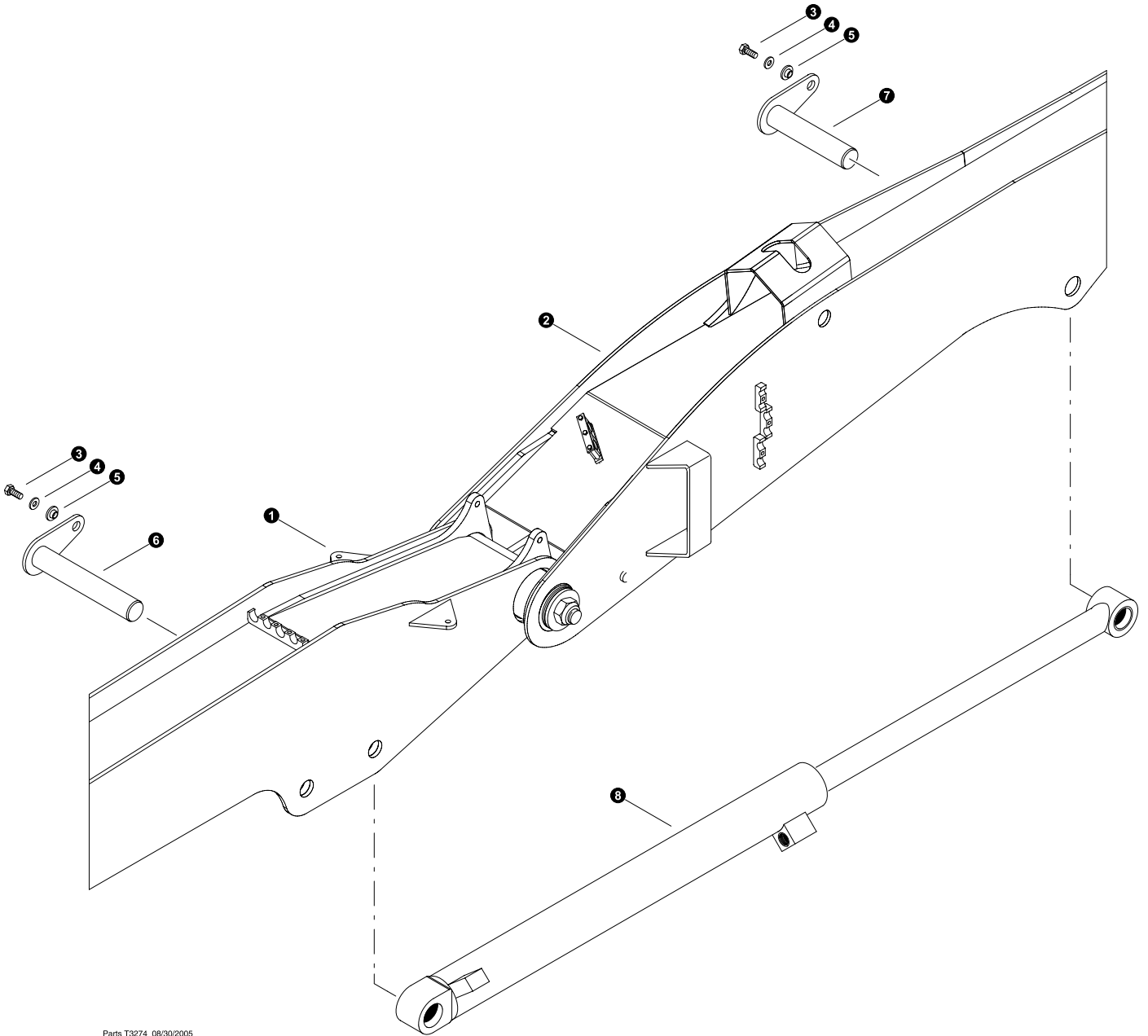


Parts T3273 08/29/2005
12.50

STICK BOOM INSTALLATION




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY.....	FB-2
3	15549-FB	1	BOLT - 3/4" x 2"	
4	15550-FB	1	WASHER, SAE flat - 3/4"	
5	18570-FB	1	WASHER, pin retaining	
6	51644-FB	1	PIN ASSEMBLY, 3.50 DIA X 21.06 (2" NUT)	
7	18678-FB	AR	SHIM - 7 gauge	
	18679-FB	AR	SHIM - 10 gauge	
	18680-FB	AR	SHIM - 14 gauge	
8	19384-FB	1	WASHER, burned	
9	10728-FB	1	NUT, nylock - 2"	

 See referenced page for component or assembly breakdown.

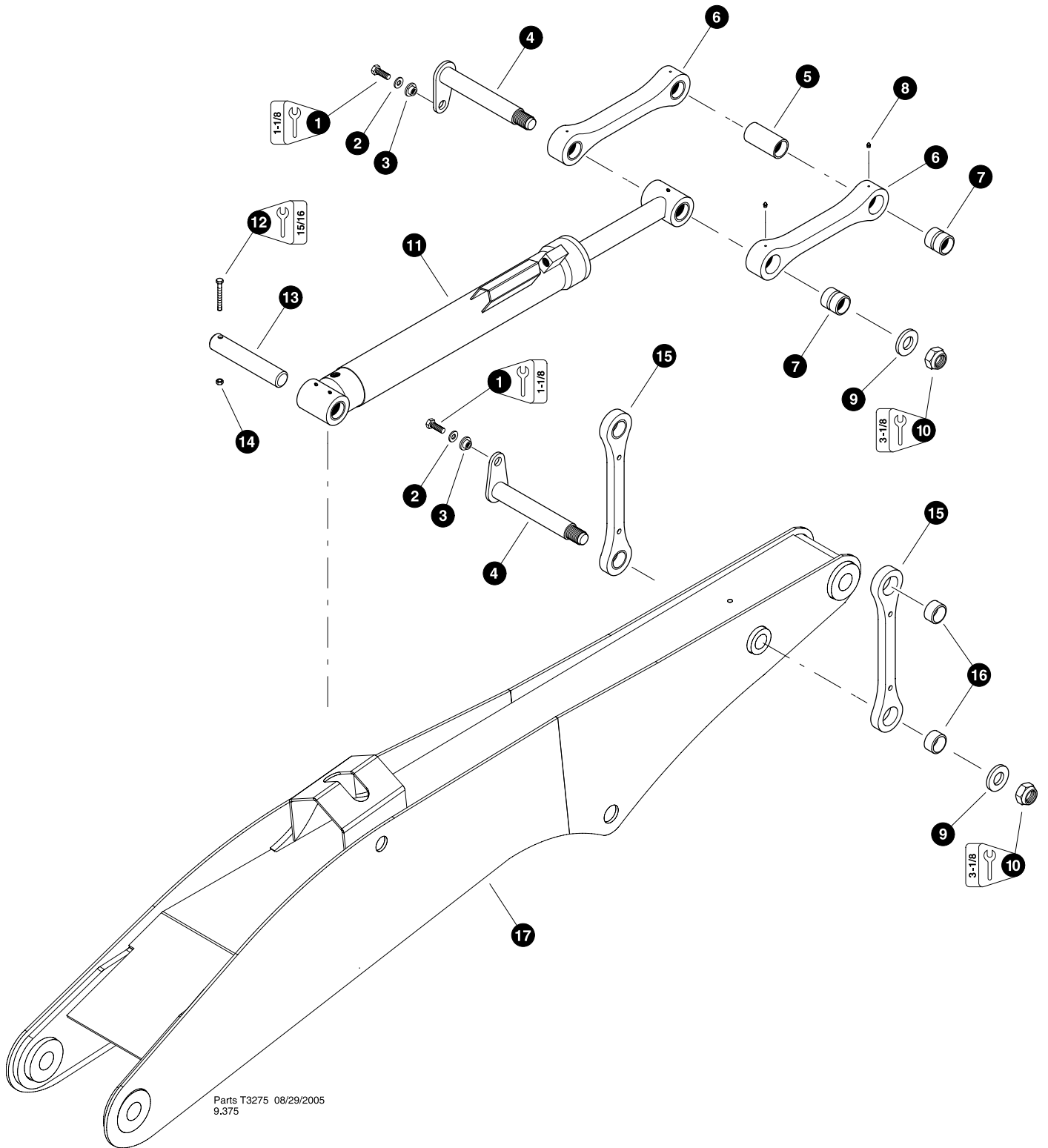


Parts T3274 08/30/2005
12.5

STICK BOOM (JIB) CYLINDER INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-1
2	REF.	1	 STICK BOOM ASSEMBLY.....	FB-2
3	15549-FB	1	BOLT - 3/4" x 2"	
4	15550-FB	1	WASHER, SAE flat - 3/4"	
5	18570-FB	1	WASHER, pin retaining	
6	51653-LB	1	PIN ASSEMBLY, 2.99 DIA X 14.25" (TL735B-0030-090309 and newer)	
6	53926-LB	1	PIN ASSEMBLY, 2.99 DIA X 15.38" (TL735B-0031-092509 and newer)	
7	50738-FB	1	PIN ASSEMBLY, 2.99 DIA X 10.75"	
8	REF.	1	 STICK BOOM (JIB) CYLINDER	FB-3

 See referenced page for component or assembly breakdown.



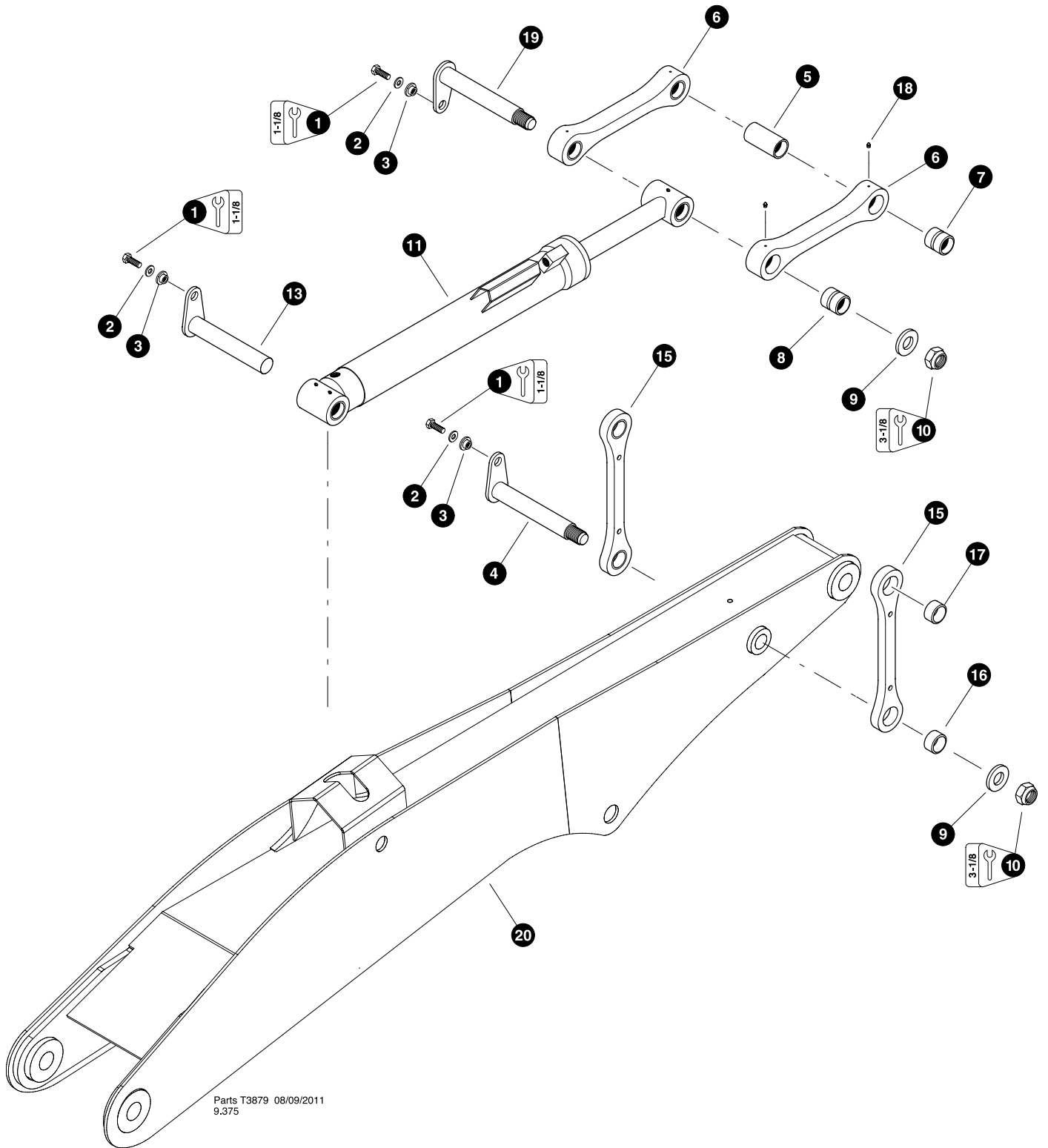
Parts T3275 08/29/2005
9.375

4-BAR LINKAGE INSTALLATION

(Machine 0107 and before)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15549-FB	2	BOLT - 3/4" x 2"	
2	15550-FB	2	WASHER, SAE flat - 3/4"	
3	18570-FB	2	WASHER, pin retaining	
4	14246-FB	2	PIN, link mounting	
5	14243-FB	1	SPACER	
6	22451-FB	2	<input type="checkbox"/> LINK, connecting - top	
7	14241-FB	4	BUSHING - 2-1/2" x 3"	
8	10704-FB	4	FITTING, straight grease - 1/8" pipe thread	
9	12021-FB	2	WASHER, burned	
10	10728-FB	2	NUT, nylock - 2"	
11	REF.	1	<input type="checkbox"/> TOOL TILT CYLINDER	FB-3
12	10719-FB	1	BOLT - 5/8" x 4"	
13	51645-FB	1	PIN ASSEMBLY, 2.50 DIA X 14.75"	
14	15563-FB	1	NUT, nylock - 5/8"	
15	22450-FB	2	<input type="checkbox"/> LINK, connecting - side	
16	14242-FB	4	BUSHING - 2-1/2" x 1-1/2"	
17	REF.	1	<input type="checkbox"/> STICK BOOM ASSEMBLY.....	FB-2



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




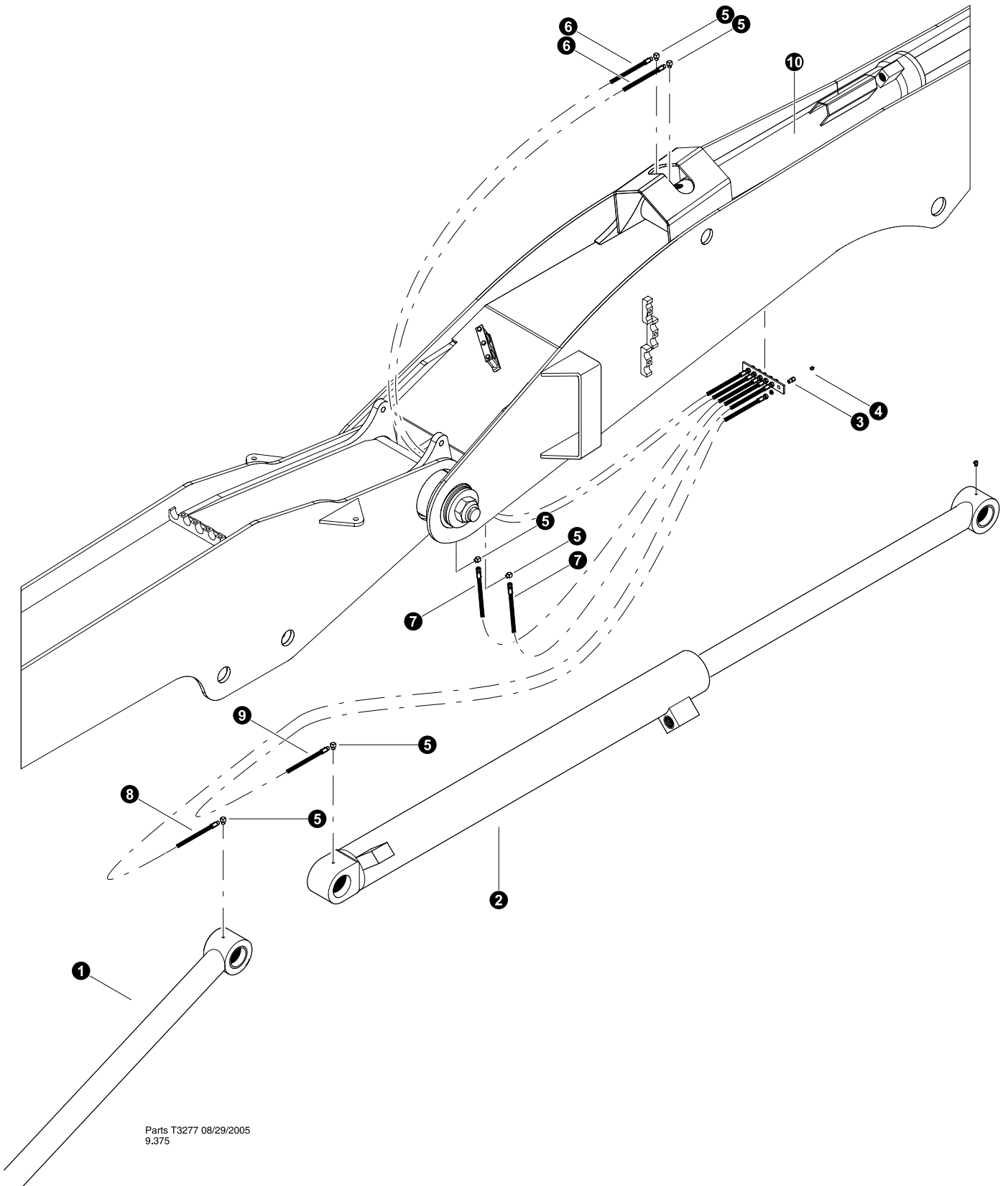
Parts T3879 08/09/2011
9.375

4-BAR LINKAGE INSTALLATION

(Machine 0108 and after)





REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15549-FB	2	BOLT - 3/4" x 2"	
2	15550-FB	2	WASHER, SAE flat - 3/4"	
3	18570-FB	2	WASHER, pin retaining	
4	54391-FB	2	PIN, link mounting	
5	14243-FB	1	SPACER	
6	54386-FB	1	<input type="checkbox"/> BAR, LINK - CONNECTING (TOP) 3" PIN R.H.	
6a	54421-FB	1	<input type="checkbox"/> BAR, LINK - CONNECTING (TOP) 3" PIN L.H.	
7	14241-FB	4	BUSHING - 2-1/2" x 3"	
8	54397-FB	2	BUSHING - 3.0" X 3.0" (4 BAR)	
9	12021-FB	2	WASHER, burned	
10	10728-FB	2	NUT, nylock - 2"	
11	REF.	1	 TOOL TILT CYLINDER	FB-3
12	10719-FB	1	BOLT - 5/8" x 4"	
13	51645-FB	1	PIN ASSEMBLY, 2.50 DIA X 14.75"	
15	54385-FB	2	<input type="checkbox"/> LINK, connecting - side	
16	54395-FB	2	BUSHING - 2-1/2" x 1-1/2"	
17	54396-FB	1	BUSHING - 3.0" X 2.0" (4 BAR)	
18	10704-FB	4	FITTING, straight grease - 1/8" pipe thread	
19	54392-FB	2	PIN ASSEMBLY 3.0 X 18.88(16"W/LGTH)	
20	REF.	1	 STICK BOOM ASSEMBLY.	FB-2



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

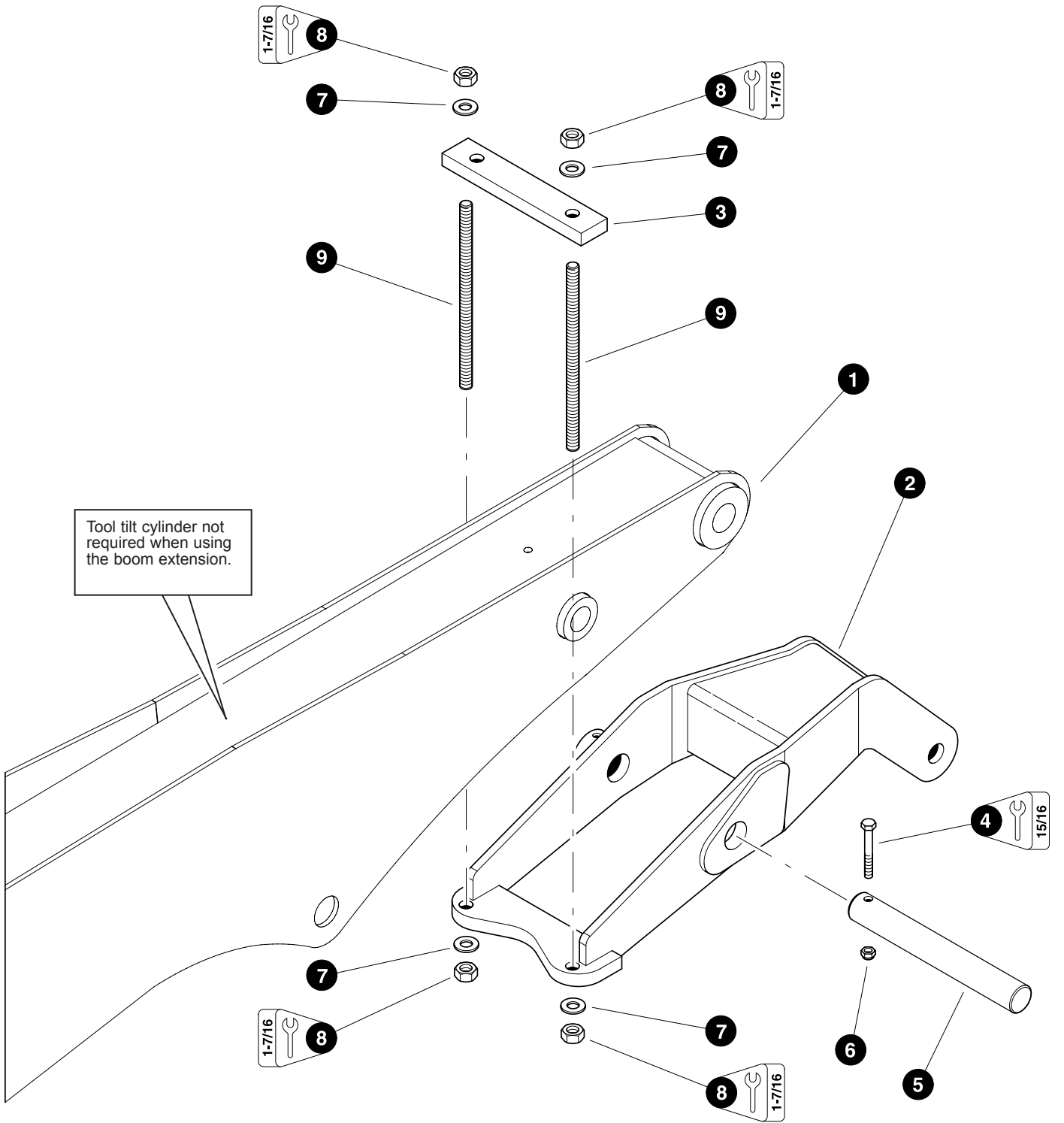


Parts T3277 08/29/2005
9.375

BOOM GREASE LINES



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM CYLINDER.....	FB-3
2	REF.	1	 STICK BOOM CYLINDER.....	FB-3
3	15658-FB	2	CONNECTOR, straight bulkhead - 2239-2-4S	
4	10704-FB	7	FITTING, straight grease - 1/8" pipe thread	
5	22281-FB	6	FITTING, 90° - 5546132	
-	51977-FB	1	 KIT, hose - grease lines - <i>Feller Buncher</i>	
6	-FB	2	HOSE ASSEMBLY 2117.5-02-02PS-04JS	
7	-FB	2	HOSE ASSEMBLY 2072-02-02PS-04JS	
8	-FB	1	HOSE ASSEMBLY 2131-02-02PS-04JS	
9	-FB	1	HOSE ASSEMBLY 2122-02-02PS-04JS	
10	REF.	1	 TOOL CYLINDER	FB-3



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



Parts T3276 08/30/2005
12.5

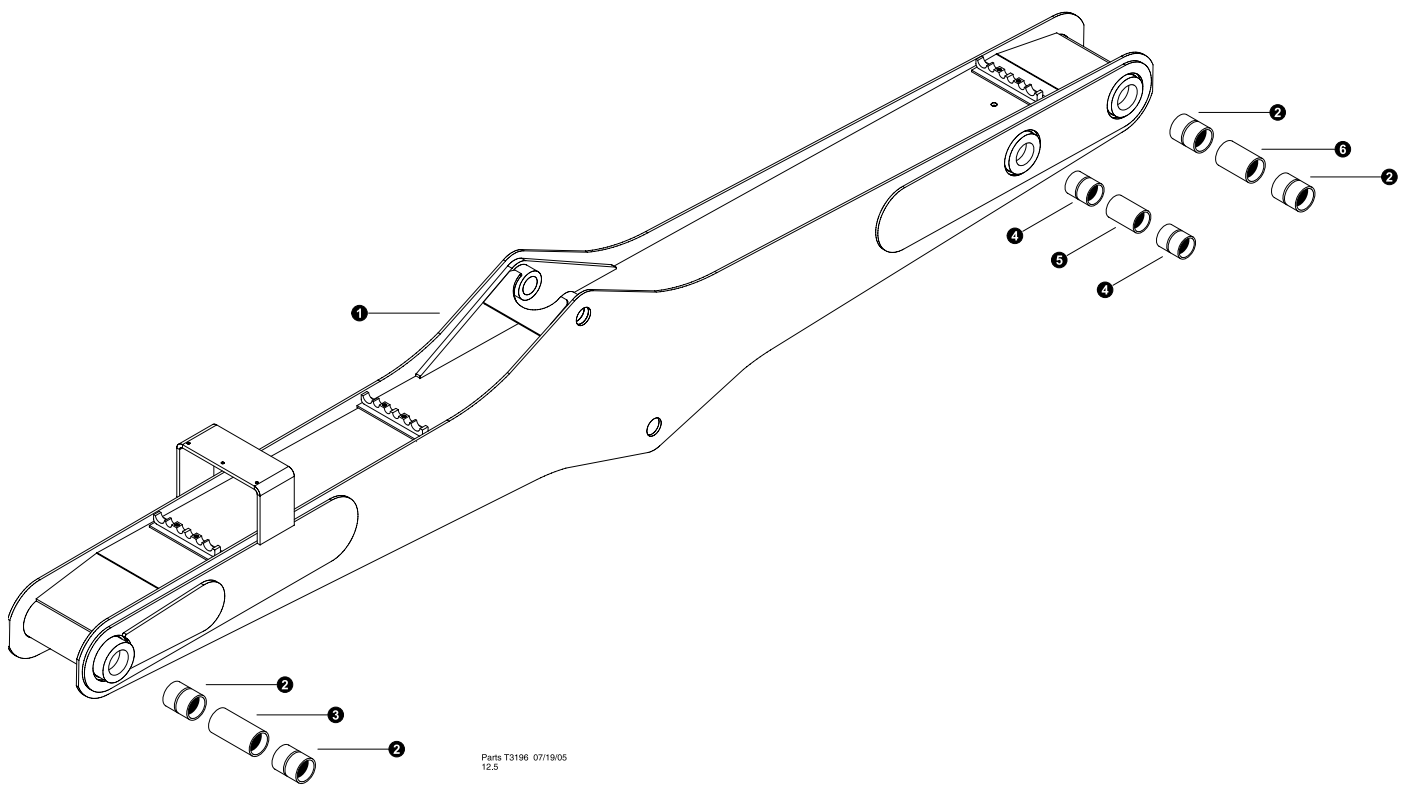
OPTIONAL BOOM EXTENSION INSTALLATION (Used with CTL and Grapple Attachments)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 STICK BOOM ASSEMBLY.....	FB-2
2	17691-FB	1	 WELDMENT, boom extension	
3	19024-FB	1	BAR, boom extension mounting	
4	10838-FB	1	BOLT - 5/8" x 5"	
5	10748-FB	1	PIN - 2-1/2" x 18-1/2"	
6	15563-FB	1	NUT, nylock - 5/8"	
7	15579-FB	4	WASHER, SAE flat - 1"	
8	18253-FB	4	NUT, lock - 1"	
9	19025-FB	2	ROD, threaded - 1" x 18" (<i>Grade 8 ready rod</i>)	

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

Section FB-3

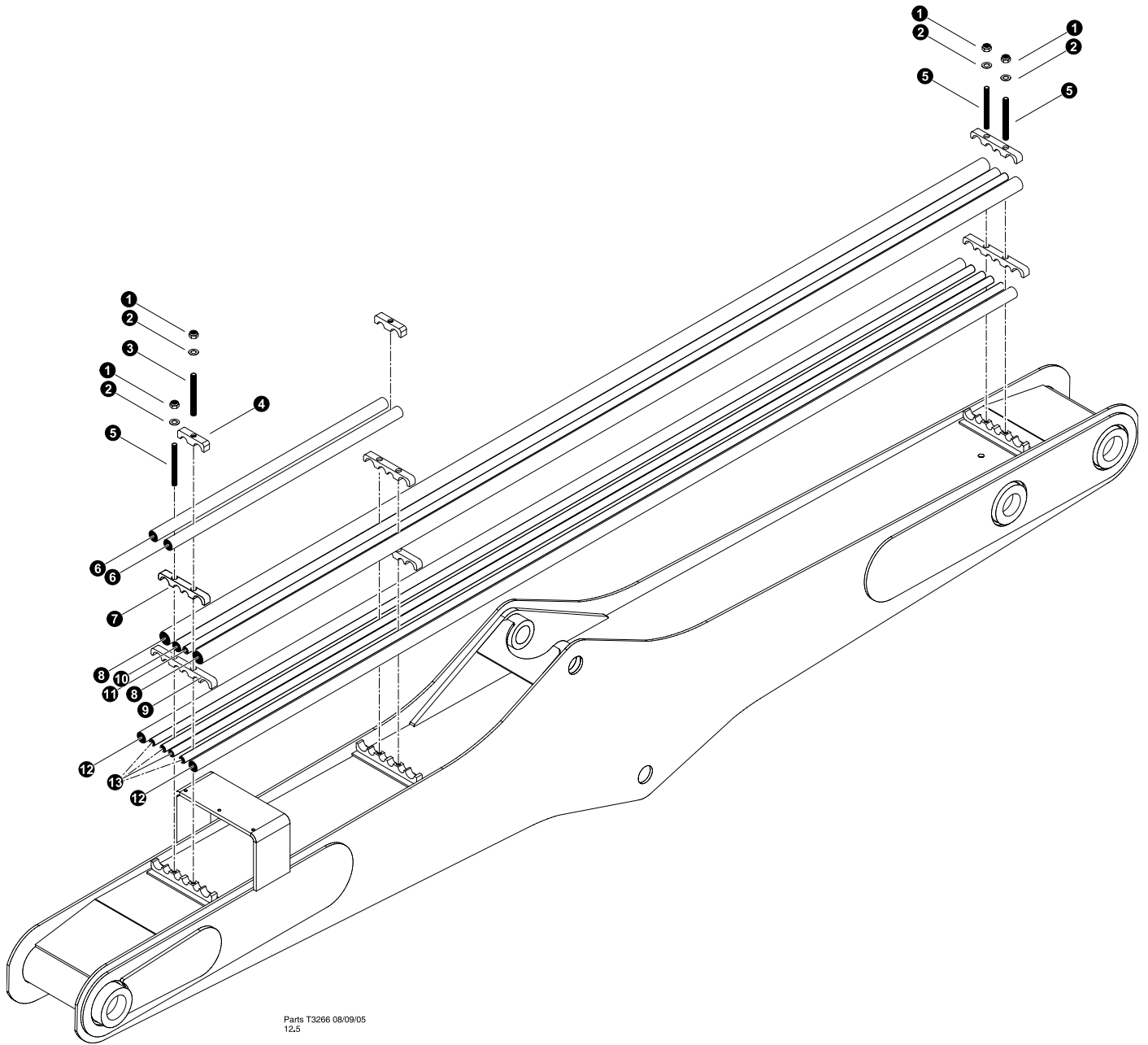
Harvester Booms - Main Boom




MAIN BOOM ASSEMBLY (Harvester)



REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	52748-FB	1	<input type="checkbox"/>	WELDMENT, MAIN BOOM	
2	42485-FB	4		BUSHING - 3.5" X 3.0" X 4.25" UNDERSIZE	
3	12365-FB	1		SPACER, BASE - 3" X 7.44"	
4	42482-FB	2		BUSHING - 3" X 2.5" X 4.25" UNDERSIZE	
5	42265-FB	1		SPACER, NOSE - 2.5" ID X 5.438"(NEW BOOM	
6	42185-FB	1		SPACER, NOSE	

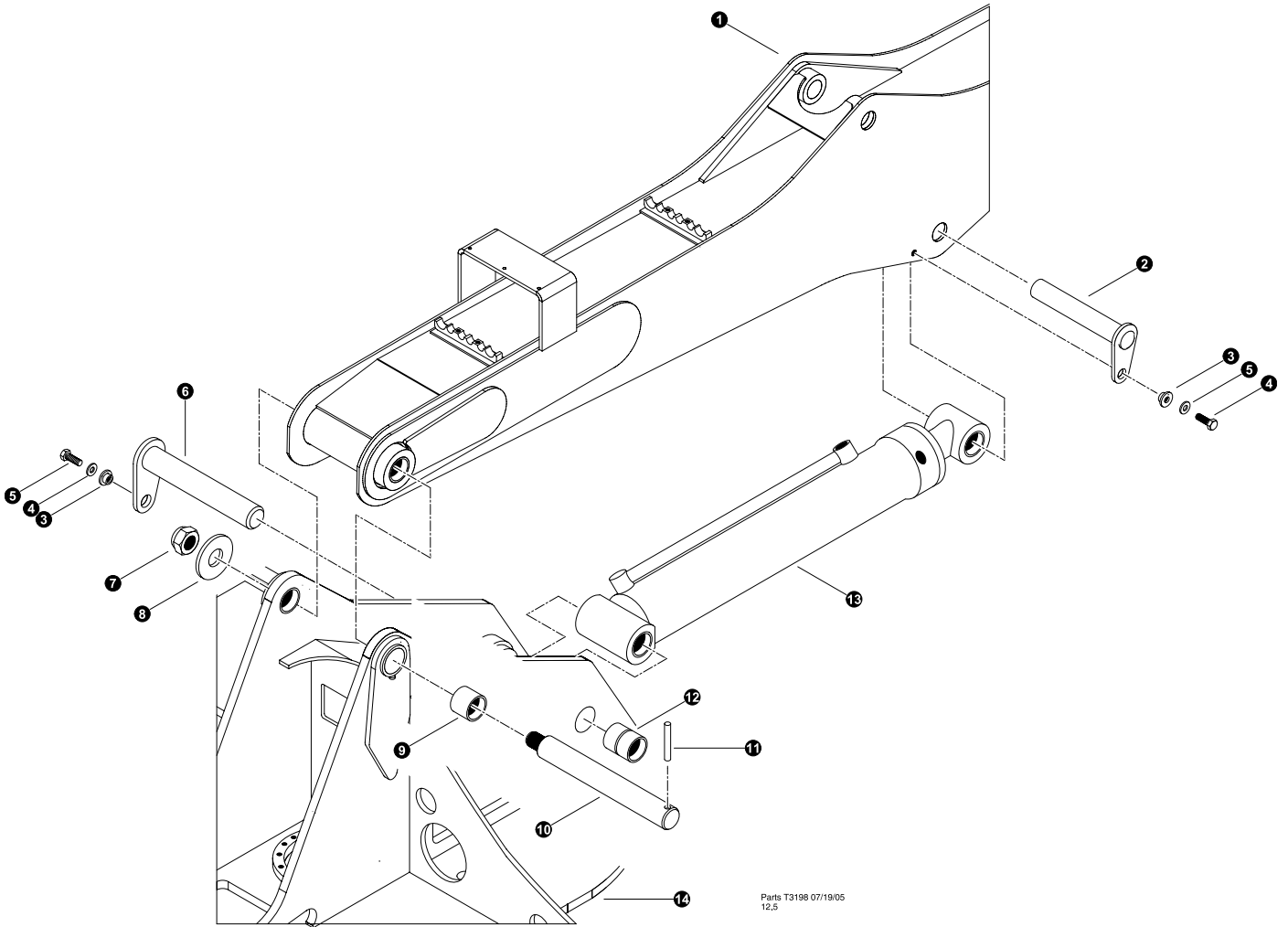
Kit or Assembly - includes all items indented underneath.



MAIN BOOM TUBE LINES (Harvester)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15563-FB	6	NUT, nylock - 5/8"	
2	10771-FB	6	WASHER, SAE flat - 5/8"	
3	17062-FB	2	STUD - .625" X 8"	
4	19324-FB	2	CLAMP, tubeline - 3/4" x 3/4"	
5	15672-FB	4	STUD - 5/8" x 5-1/4"	
6	51785-FB	2	TUBELINE - .75" x 42" FWD MAIN	
7	42512-FB	3	CLAMP, MAIN COMBO	
8	51784-FB	1	TUBELINE - 1" x 148" FWD MAIN - T830	
9	42236-FB	3	CLAMP, MAIN BOOM FORWARDER	
10	52173-FB	1	TUBELINE - BLACK PIPE (ELECTRICAL)	
11	51782-FB	1	TUBELINE - .5" x 148" FWD MAIN	
12	51783-FB	2	TUBELINE - .75" x 148" (OPTIONAL FOR SQUIRT)	
13	51782-FB	4	TUBELINE - .5" x 148" FWD MAIN	
14	REF	1	 MAIN BOOM ASSEMBLY.....	FB-3

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

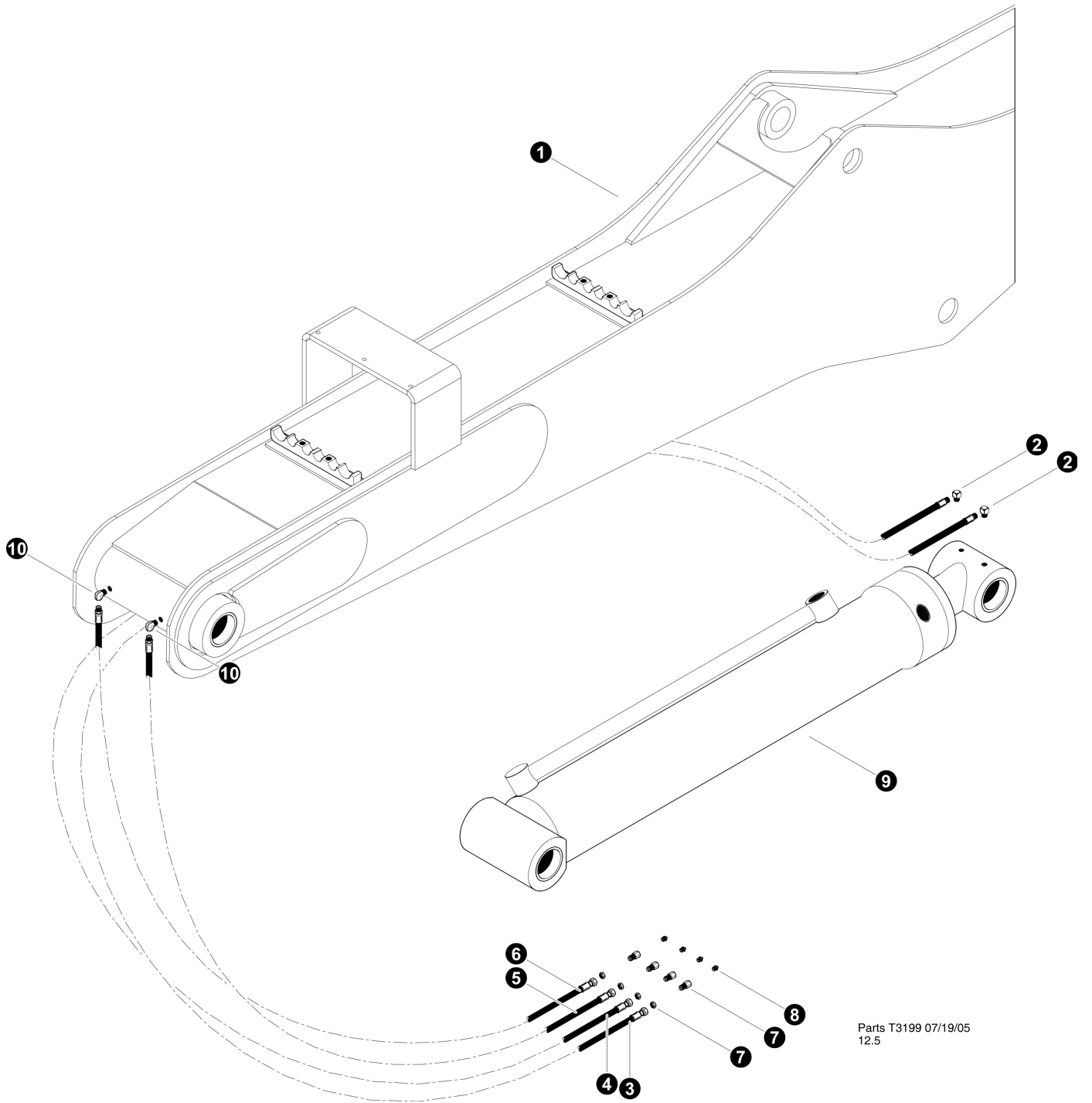


Parts T3198 07/19/05
12.5

MAIN BOOM AND CYLINDER INSTALLATION (Harvester)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	 MAIN BOOM ASSEMBLY.....	FB-3
2	51653-FB	1	PIN ASSEMBLY, 2.99 DIA X 14.25"	
3	18570-FB	2	WASHER, PIN RETAINING	
4	15550-FB	2	WASHER, SAE FLAT - .75"	
5	15549-FB	2	BOLT - .75" X 2.0	
6	51575-FB	1	PIN ASSEMBLY, 2.99 DIA X 18.63"	
7	10728-FB	1	NUT, NYLOCK - 2" (ZINC PLATED)	
8	19384-FB	1	WASHER, BURNED - 2.12" ID X 6" OD X .5"	
9	42484-FB	2	BUSHING - 3.5" X 3.0" X 2.0" UNDERSIZE	
10	51952-FB	1	PIN ASSEMBLY, 2.99 DIA X 24.63"	
11	51953-FB	1	PIN, DOWEL 1 DIA X 5 LG	
12	42485-FB	2	BUSHING - 3.5" X 3.0" X 4.25" UNDERSIZE	
13	REF.	1	MAIN BOOM CYLINDER (FORWARDER / HARVESTER).....	FB-5
14	REF.	1	 UPPER TURNTABLE WELDMENT.....	UP-1


 See referenced page for component or assembly breakdown.

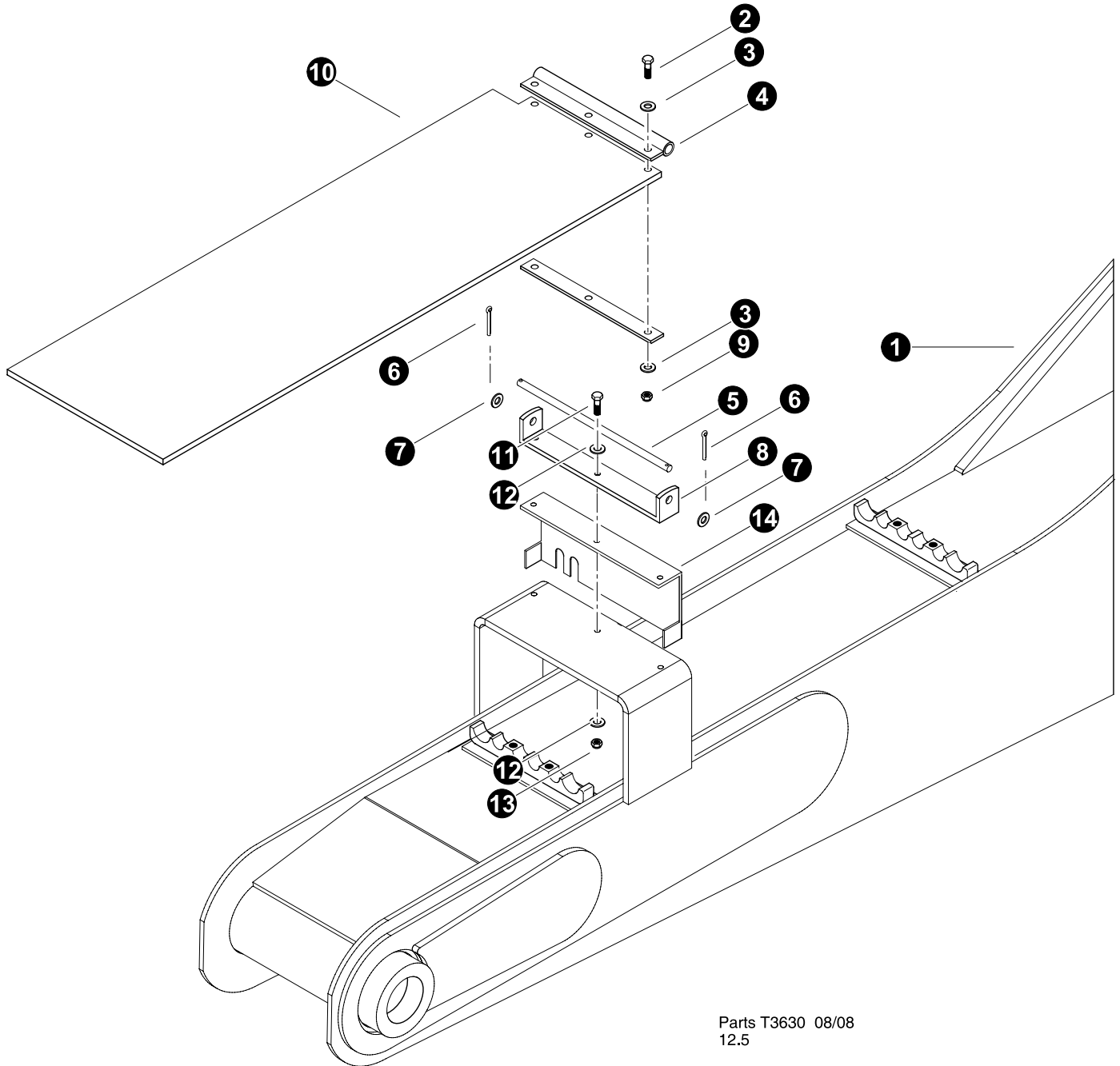


Parts T3199 07/19/05
12.5

MAIN BOOM AND CYLINDER GREASE LINES (Harvester)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM.....	FB-3
2	22281-FB	2	EFBOW, 90 - 5546132	
3		1	HOSE ASSEMBLY, 2143-02-02PS-04JS (part of kit # 51978)	
4		1	HOSE ASSEMBLY, 2143-02-02PS-04JS (part of kit # 51978)	
5		1	HOSE ASSEMBLY, 2069-02-02PS-04JS (part of kit # 51978)	
6		1	HOSE ASSEMBLY, 2069-02-02PS-04JS (part of kit # 51978)	
7	15658-FB	4	CONNECTOR, STR BULKHEAD - 2239-2-4S	
8	10704-FB	4	FITTING, GREASE - .125 NPT - STR	
9	REF.	1	 MAIN BOOM (HOIST) CYLINDER.....	FB-5
10	22281-FB	2	EFBOW, 90 - 5546132	



 See referenced page for component or assembly breakdown.



Parts T3630 08/08
12.5

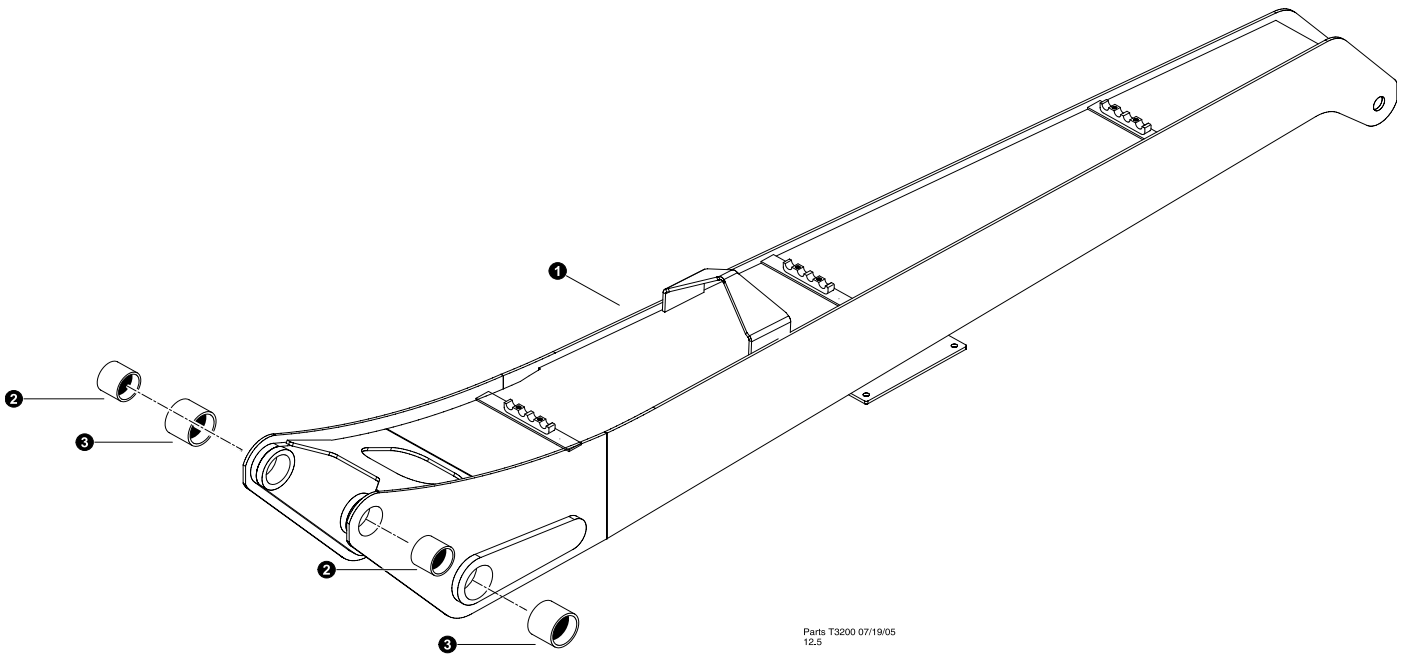
MAIN BOOM - DEBRIS SHIELD

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM.....	FB-3
2	10731-FB	3	BOLT - .375" X 1.5"	
3	15528-FB	6	WASHER, SAE FLAT - .375"	
-	52820-FB	1	 HINGE, DEBRIS GUARD	
4	43315-FB	1	SUBASSEMBLY, HINGE TUBE	
5	43311-FB	1	PIN, HINGE	
6	-FB	2	PIN, cotter 3/16 X 1.5"	
7	15550-FB	2	WASHER, SAE FLAT - .75"	
8	43312-FB	1	PLATE, CHANNEL	
9	15507-FB	3	NUT, NYLOCK - .375"	
10	52838-FB	1	BELTING, GULLWING TO BOOM HINGED	
11	20084-FB	3	BOLT - .375" X 1.75"	
12	15528-FB	6	WASHER, SAE FLAT - .375"	
13	15507-FB	3	NUT, NYLOCK - .375"	

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

Section FB-4

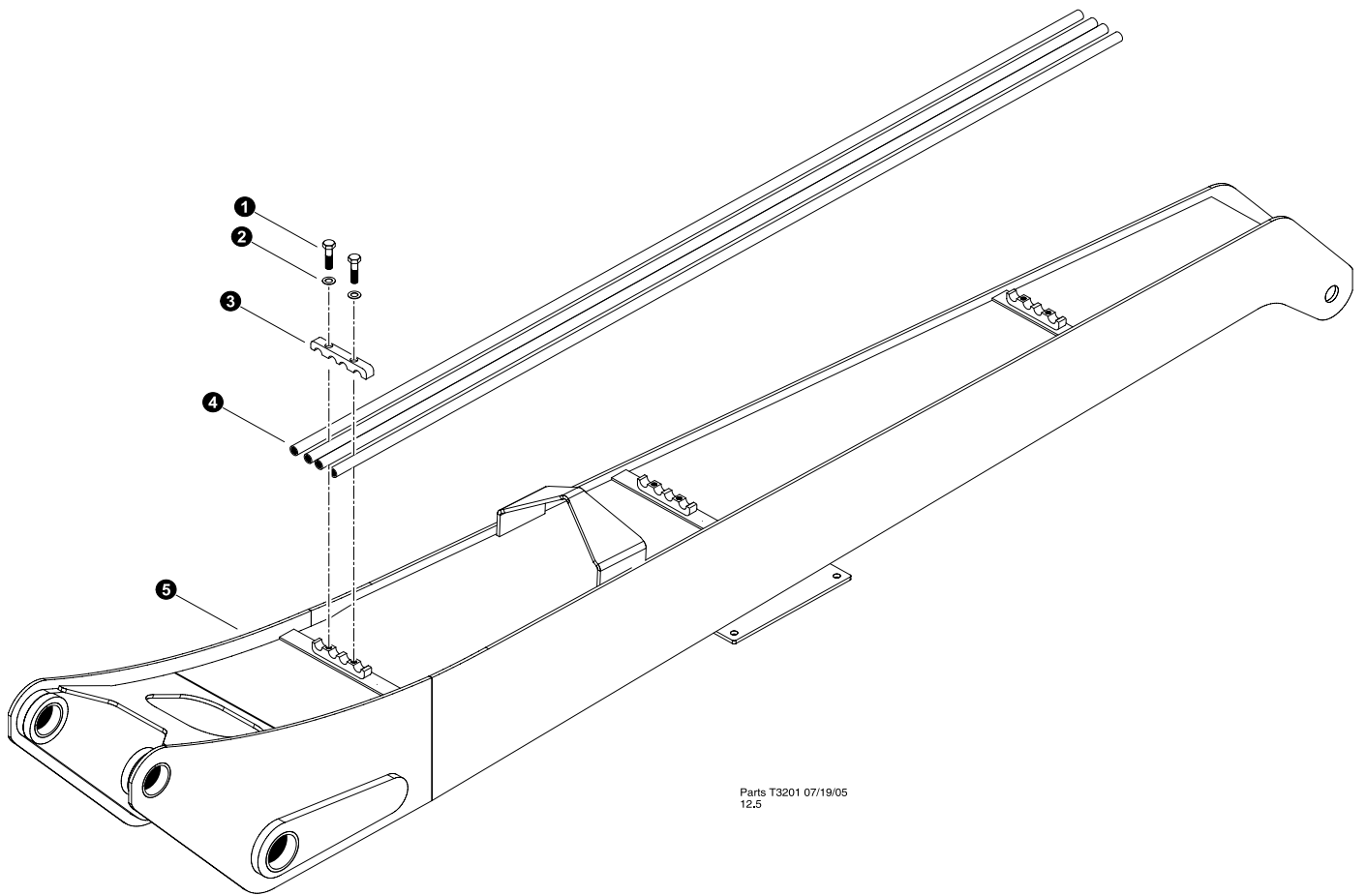
Harvester Booms - Stick & Squirt (Tele) Booms



STICK BOOM COMPONENTS


REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53908-FB	1	<input type="checkbox"/>	WELDMENT, STICK BOOM	
2	42515-FB	2		BUSHING - 3" X 2.5" X 2.0" UNDERSIZE	
3	42484-FB	2		BUSHING - 3.5" X 3.0" X 2.0" UNDERSIZE	

- Kit or Assembly - includes all items indented underneath.

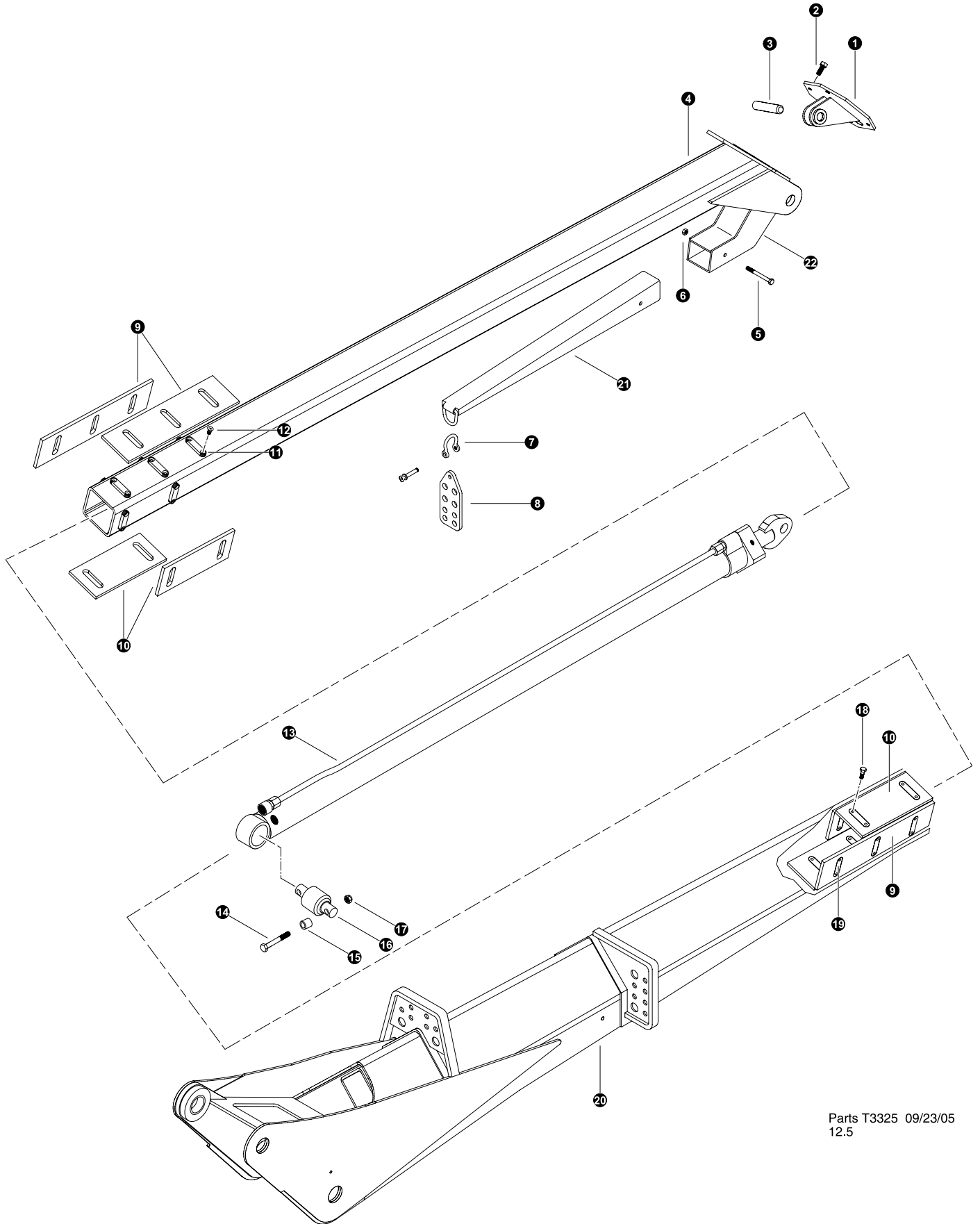


Parts T3201 07/19/05
12.5

STICK BOOM TUBELINE INSTALLATION

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	15526-FB	6	BOLT - 5/8" x 2"	
2	10771-FB	6	WASHER, SAE flat - 5/8"	
3	42571-FB	3	CLAMP, TUBELINE 1/2"	
4	51815-FB		TUBELINE - .5" X 108" (STICK BOOM -830)	
5	REF	1	 STICK BOOM ASSEMBLY	FB-4

 See referenced page for component or assembly breakdown.

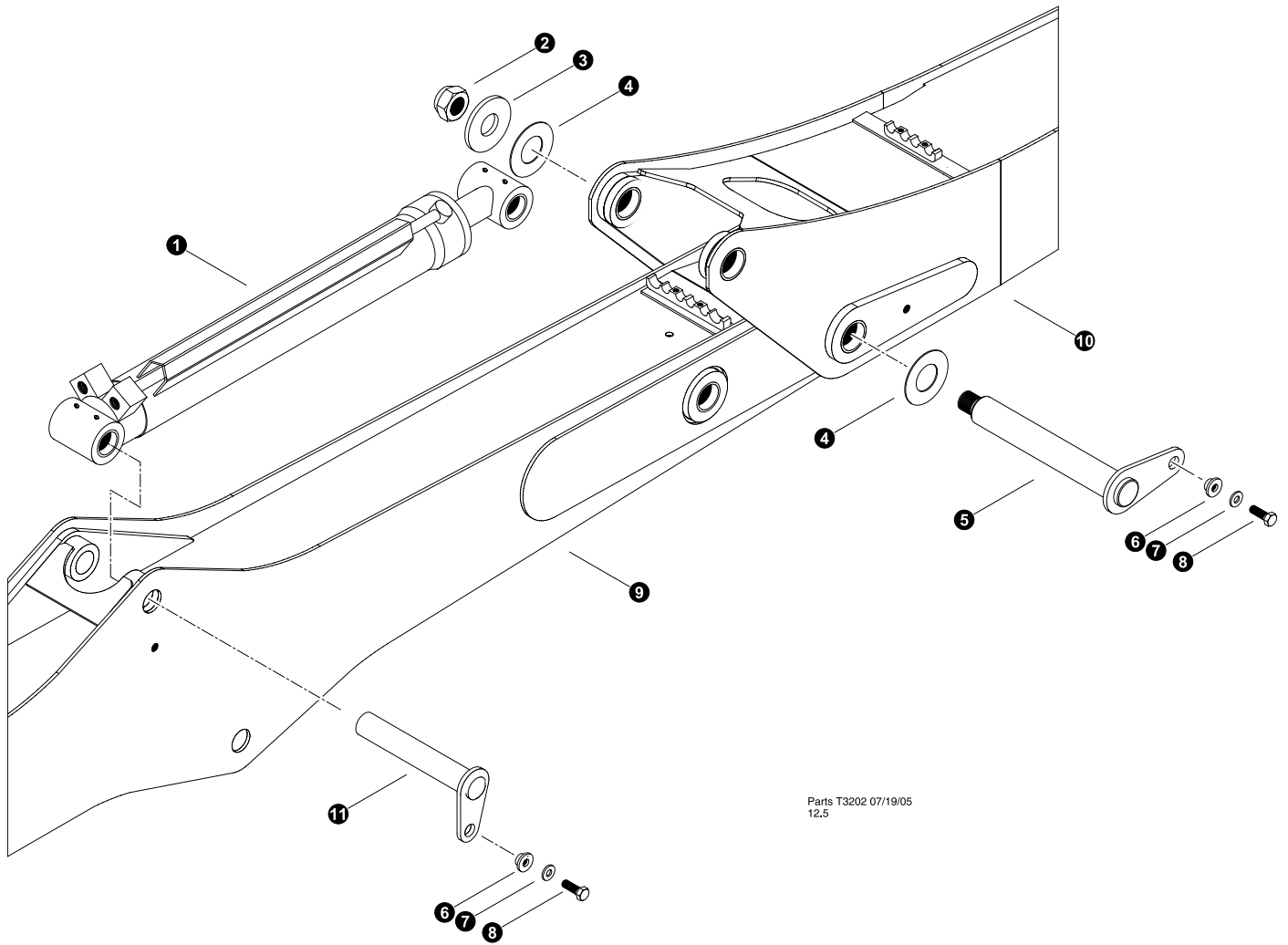


Parts T3325 09/23/05
12.5

SQUIRT BOOM COMPONENTS (Harvester - Heavy Duty 8" Tube)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
	52087HAR-FB	1	<input type="checkbox"/> BOOM, SQUIRT - Harvester Stinger	
1	---	1	CYLINDER ANCHOR (XB2017) before Boom SN 52087-132	
1	---	1	CYLINDER ANCHOR (XB2017R1) SN 52087-132 and After	
2	15502-FB	4	BOLT, 5/8 X 1.5	
3	---	1	PIN (XB2015) before Boom SN 52087-132	
3	---	1	PIN (XB2016) SN 52087-132 and After	
4	-FB	1	SLIDE, SQUIRT HD 8" 4-Bar Harvester Stinger	
5	10815-FB	1	NUT, lock 1/2"	
6	10836-FB	1	BOLT - 1/2" x 5-1/2"	
7	21065-FB	1	PLATE, bulkhead stinger	
8	21064-FB	1	SHACKLE, screw pin anchor 1/2"	
9	---	4	WEAR PAD, long (XB3016)	
-	---	4	SHIM, long wear pad (XB3016S)	
10	---	4	WEAR PAD, short (XB3015)	
-	---	4	SHIM, long wear pad (XB3015S)	
11	---	20	SCREWS, 3/8 X 3/4 brass (XB5001)	
12	---	10	PUCKS, retaining - countersunk (XB3021)	
13	REF	1	CYLINDER, squirt boom 6'	FB-5
14	10719-FB	2	BOLT, 5/8 X 4"	
15	---	2	SPACER, squirt cylinder mount (XB4081)	
16	---	1	BUSHING, squirt cyl rear (HEN 44695)	
17	10816-FB	2	NUT, LOCK - .625"	
18	---	20	BOLT, 3/8 X 7/8 bronze (XB5007)	
19	---	8	PUCKS, retaining - (XB3020)	
-	---	2	PUCKS, retaining - tapped for grease zerk(XB3020 Z)	
20	52198-FB	1	SHELL, SQUIRT HD 8" 4-bar STD	
21	21063-FB	1	WELDMENT, squirt boom stinger (XB2008)	
22	---	1	BRACKET, stinger mount - weld on (XB2009)	


Kit or Assembly - includes all items indented underneath.

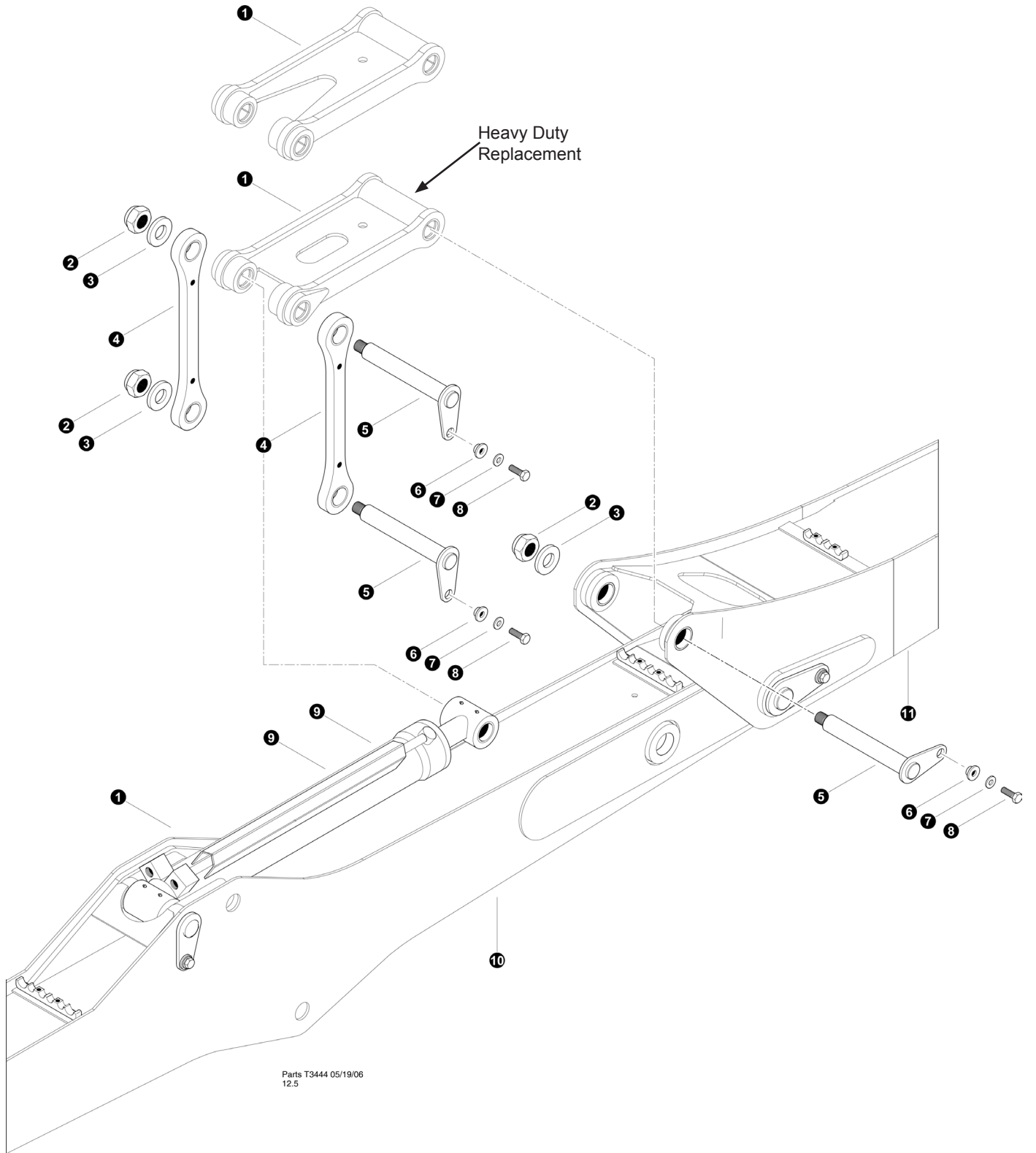


Parts T3202 07/19/05
12.5



STICK BOOM INSTALLATION (Installation the same for squirt boom)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	STICK BOOM CYLINDER.....	FB-5
2	10728-FB	1	NUT, nylock - 2"	
3	19384-FB	1	WASHER, burned	
4	19150-FB	AR	SHIM - 1/4" thick	
	16633-FB	AR	SHIM - 7 gauge	
	16637-FB	AR	SHIM - 10 gauge	
	16638-FB	AR	SHIM - 14 gauge	
5	51440-FB	1	PIN ASSEMBLY, 2.99 DIA X 21.5 (2" NUT)	
6	18570-FB	1	WASHER, pin retaining	
7	15550-FB	1	WASHER, SAE flat - 3/4"	
8	15549-FB	1	BOLT - 3/4" x 2"	
9	REF.	1	 MAIN BOOM ASSEMBLY	FB-3
10	REF.	1	 STICK BOOM ASSEMBLY.....	FB-4
11	51643-FB	1	PIN ASSEMBLY, 2.49 DIA X 13.13"	

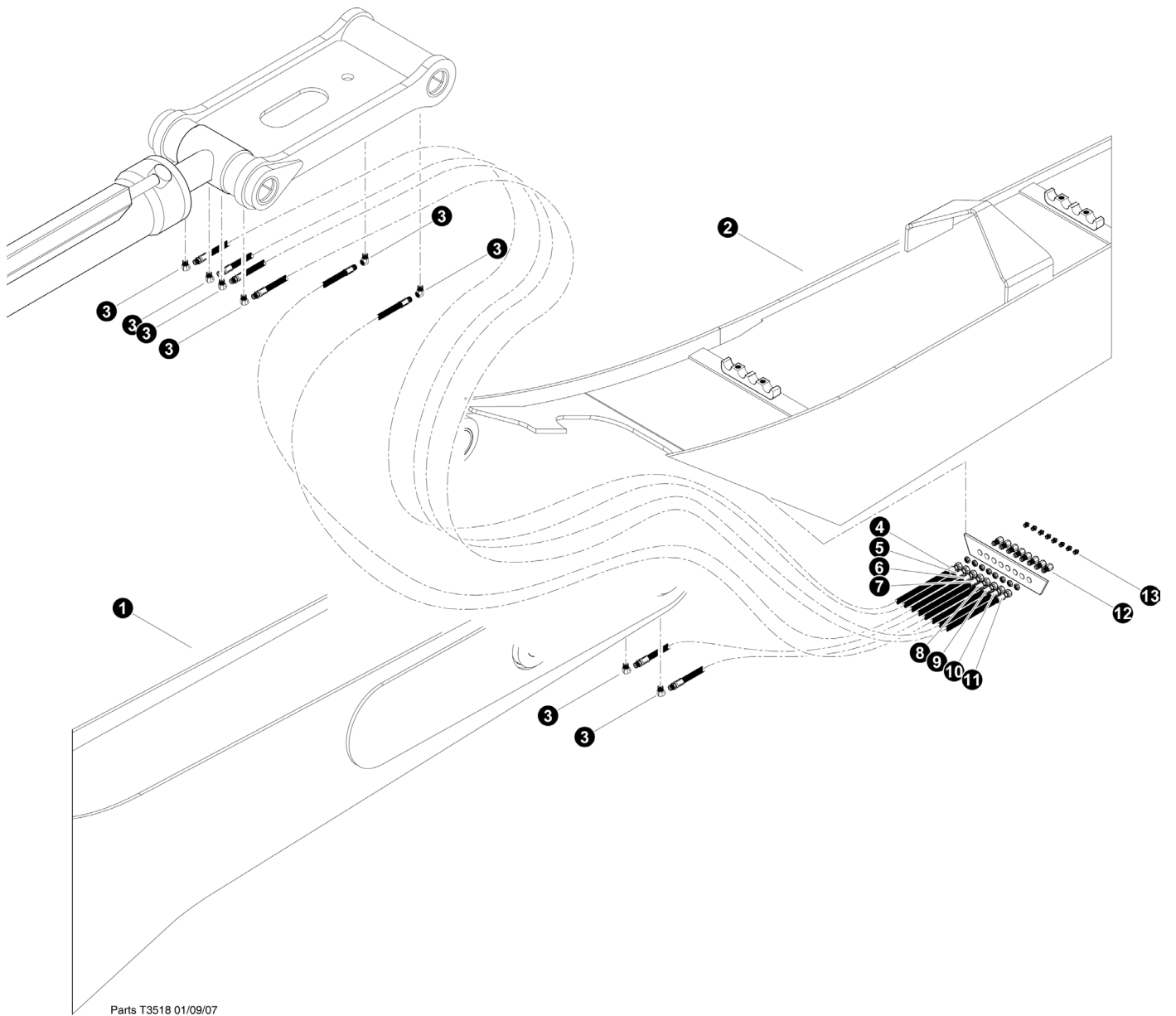
 See referenced page for component or assembly breakdown.



STICK BOOM 4 - BAR LINK INSTALLATION (Installation the same for squirt boom)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52150-FB	1	LINK, CYLINDER 28.5"	
2	10728-FB	1	NUT, nylock - 2"	
3	12021-FB	3	WASHER, BURNED	
4	52151-FB	2	LINK, DOGBONE 27"	
5	42245-FB	3	PIN ASSEMBLY, 2.49 DIA X 19.13 (2" NUT)	
6	18570-FB	3	WASHER, pin retaining	
7	15550-FB	3	WASHER, SAE flat - 3/4"	
8	15549-FB	3	BOLT - 3/4" x 2"	
9	REF	1	STICK BOOM CYLINDER 45" Stroke.....	FB-5
10	REF.	1	 MAIN BOOM ASSEMBLY	FB-3
11	REF.	1	 SQUIRT BOOM ASSEMBLY	FB-4



 See referenced page for component or assembly breakdown.




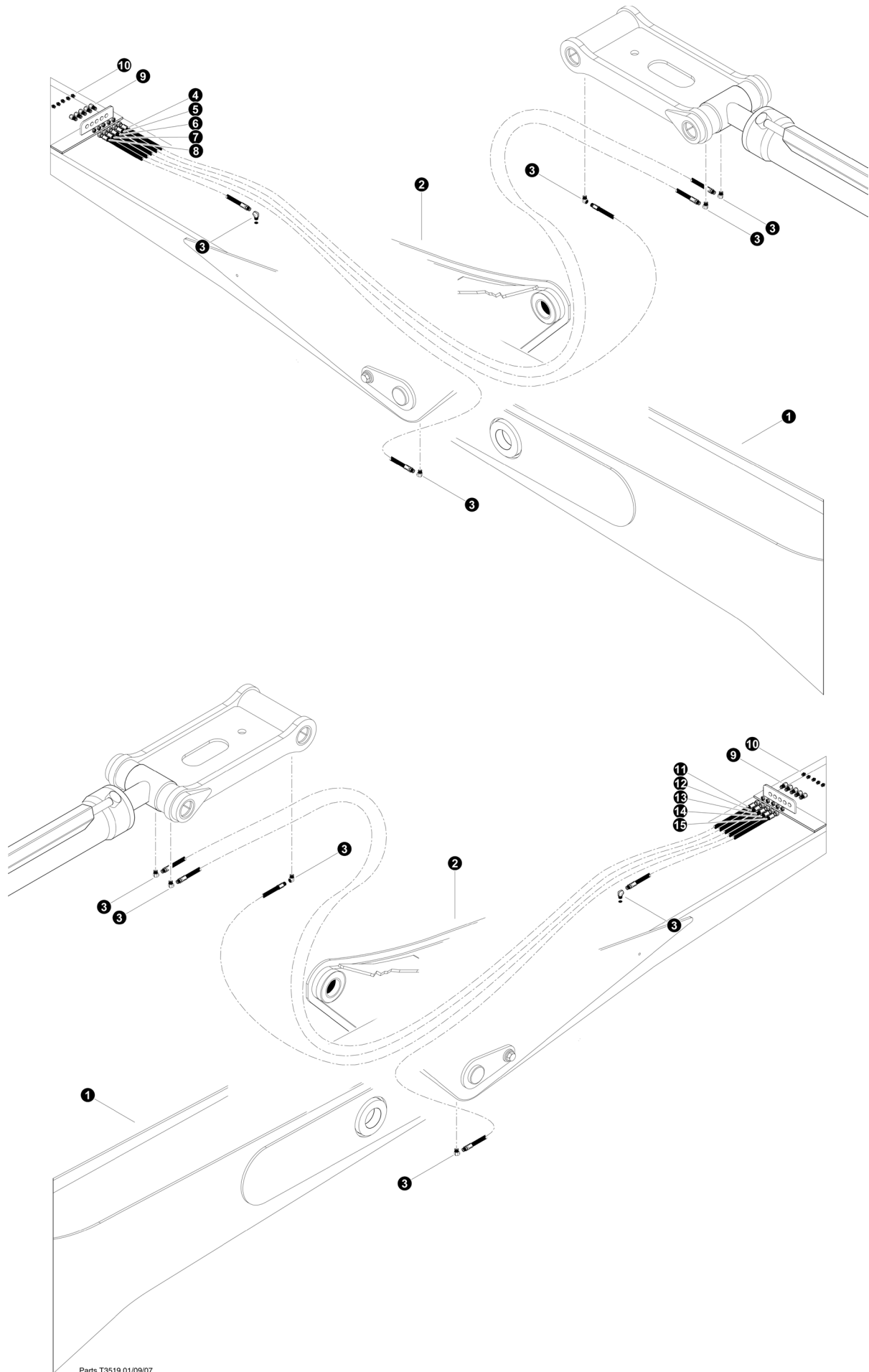
Parts T3518 01/09/07
12.5

Grease Lines Installation

(4-Bar Link and Standard Stick Boom)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-3
2	REF.	1	 STICK BOOM ASSEMBLY.....	FB-4
3	22281-FB	8	EFBOW, 90 - 5546132	
4		1	HOSE ASSEMBLY, 2061-02-02PS-04JS (part of kit # 51978)	
5		1	HOSE ASSEMBLY, 2061-02-02PS-04JS (part of kit # 51978)	
6		1	HOSE ASSEMBLY, 2041-02-02PS-04JS (part of kit # 51978)	
7		1	HOSE ASSEMBLY, 2030-02-02PS-04JS (part of kit # 51978)	
8		1	HOSE ASSEMBLY, 2030-02-02PS-04JS (part of kit # 51978)	
9		1	HOSE ASSEMBLY, 2041-02-02PS-04JS (part of kit # 51978)	
10		1	HOSE ASSEMBLY, 2061-02-02PS-04JS (part of kit # 51978)	
11		1	HOSE ASSEMBLY, 2061-02-02PS-04JS (part of kit # 51978)	
12	15658-FB	8	CONNECTOR, STR BULKHEAD - 2239-2-4S	
13	10704-FB	8	FITTING, GREASE - .125 NPT - STR 5	



 See referenced page for component or assembly breakdown.



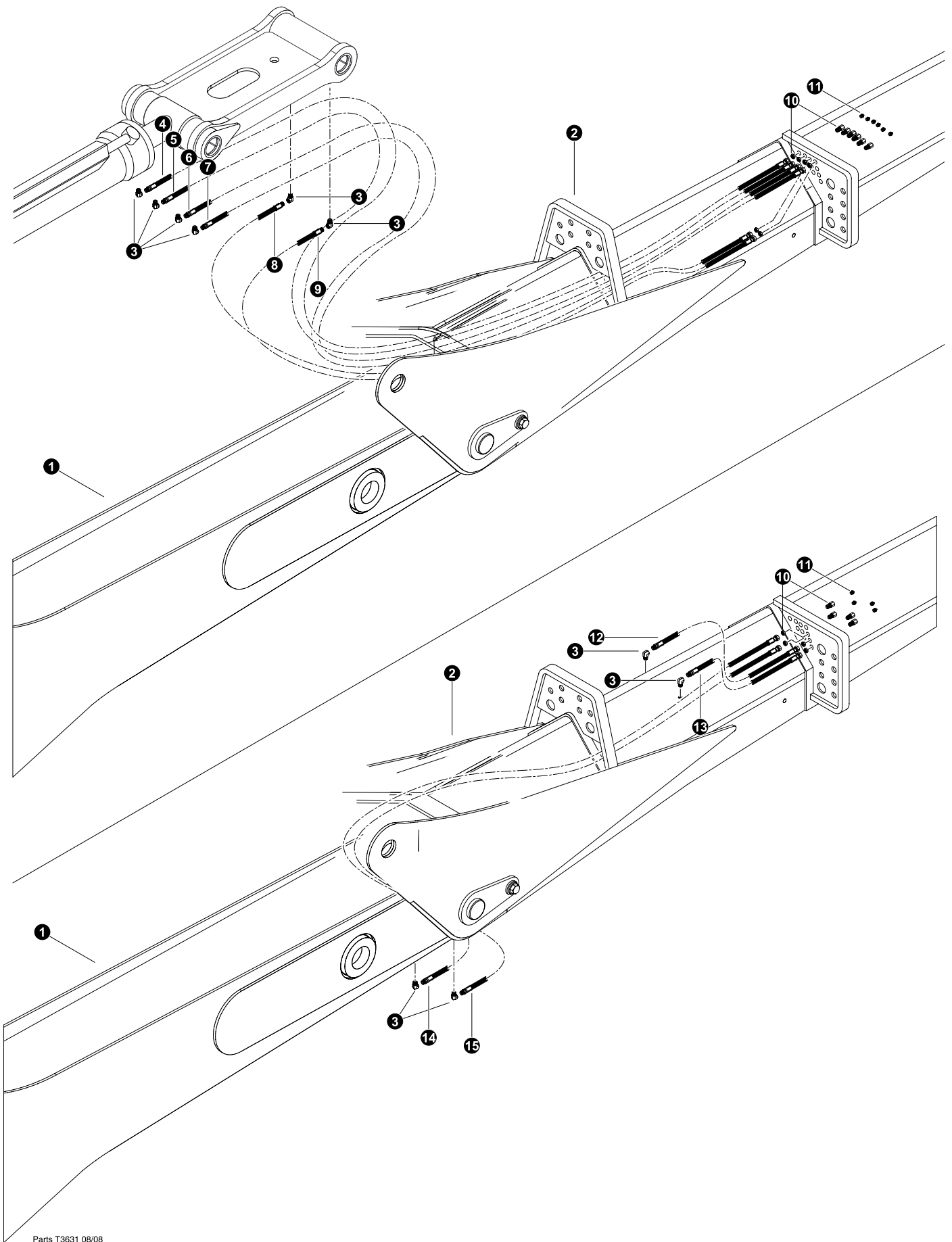
Parts T3519 01/09/07
12.5

Grease Lines Installation

(4-Bar Link and Harvester Squirt Boom)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-3
2	REF.	1	 STICK BOOM ASSEMBLY.....	FB-4
3	22281-FB	8	EFBOW, 90 - 5546132	
4		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
5		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
6		1	HOSE ASSEMBLY, 2092-02-02PS-04JS (part of kit # 52205)	
7		1	HOSE ASSEMBLY, 2075-02-02PS-04JS (part of kit # 52205)	
8		1	HOSE ASSEMBLY, 2039-02-02PS-04JS (part of kit # 52205)	
9	15658-FB	8	CONNECTOR, STR BULKHEAD - 2239-2-4S	
10	10704-FB	8	FITTING, GREASE - .125 NPT - STR 5	
11		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
12		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
13		1	HOSE ASSEMBLY, 2092-02-02PS-04JS (part of kit # 52205)	
14		1	HOSE ASSEMBLY, 2075-02-02PS-04JS (part of kit # 52205)	
15		1	HOSE ASSEMBLY, 2039-02-02PS-04JS (part of kit # 52205)	



 See referenced page for component or assembly breakdown.




Parts T3631 08/08
12.5

Grease Lines Installation

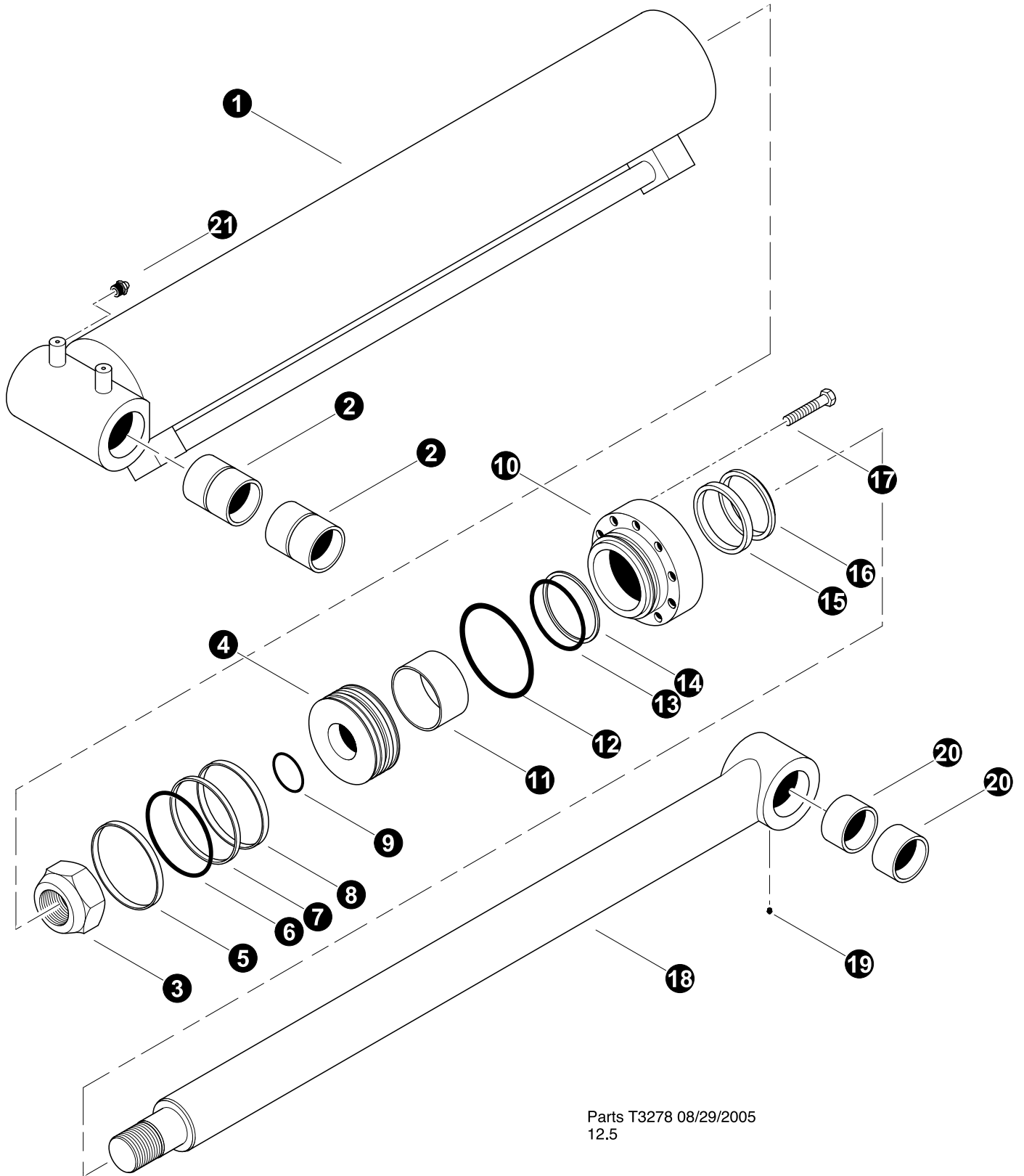
(4-Bar Link and Harvester Squirt Boom)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 MAIN BOOM ASSEMBLY	FB-3
2	REF.	1	 STICK BOOM ASSEMBLY.....	FB-4
3	22281-FB	8	EFBOW, 90 - 5546132	
4		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
5		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
6		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
7		1	HOSE ASSEMBLY, 2108-02-02PS-04JS (part of kit # 52205)	
8		1	HOSE ASSEMBLY, 2092-02-02PS-04JS (part of kit # 52205)	
9		1	HOSE ASSEMBLY, 2092-02-02PS-04JS (part of kit # 52205)	
10	15658-FB	8	CONNECTOR, STR BULKHEAD - 2239-2-4S	
11	10704-FB	8	FITTING, GREASE - .125 NPT - STR 5	
12		1	HOSE ASSEMBLY, 2039-02-02PS-04JS (part of kit # 52205)	
13		1	HOSE ASSEMBLY, 2032-02-02PS-04JS (part of kit # 52205)	
14		1	HOSE ASSEMBLY, 2075-02-02PS-04JS (part of kit # 52205)	
15		1	HOSE ASSEMBLY, 2075-02-02PS-04JS (part of kit # 52205)	

 See referenced page for component or assembly breakdown.

Section FB-5

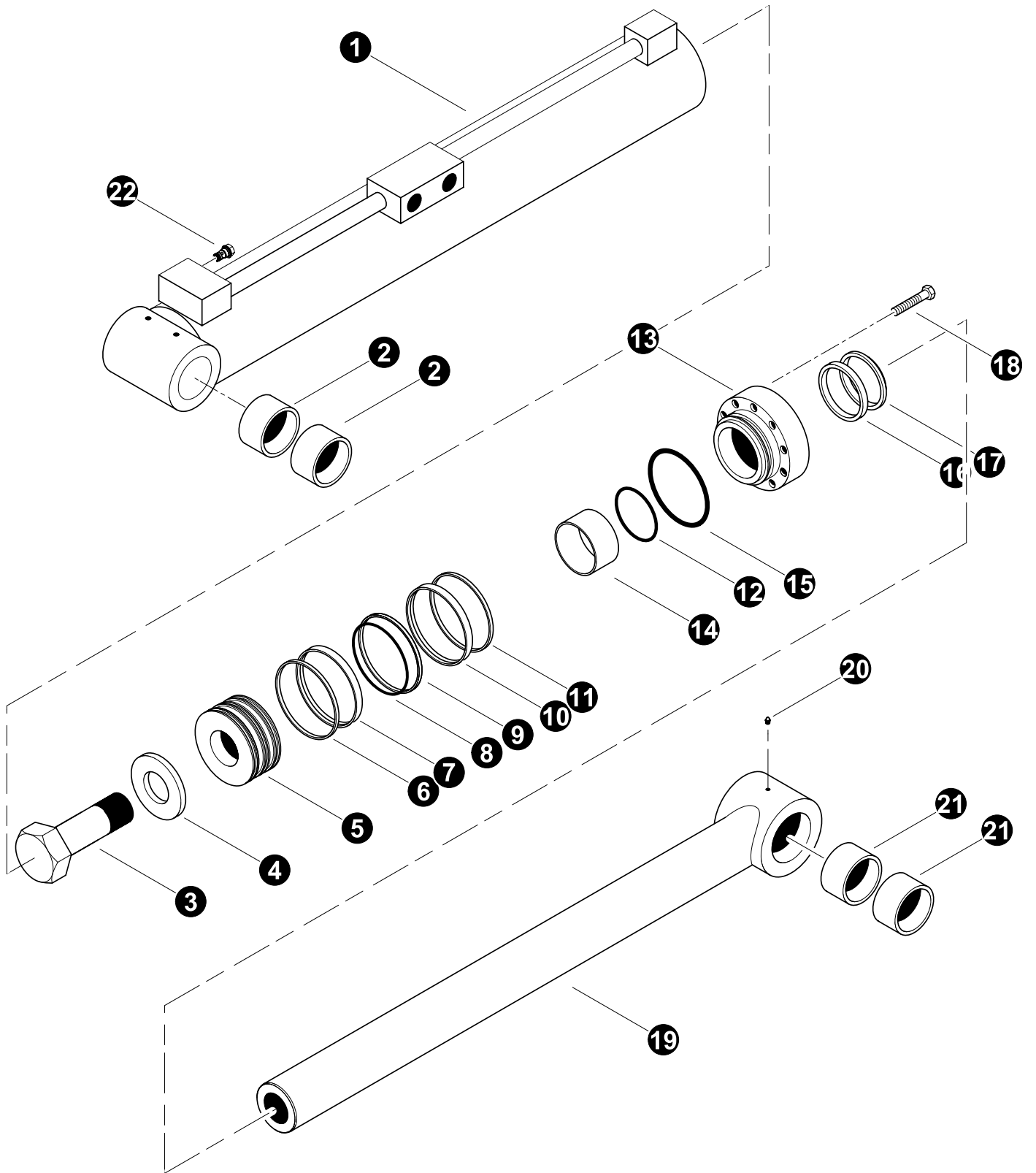
Feller Buncher Booms - Cylinders



MAIN BOOM (HOIST) CYLINDER - 6"

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	51975-FB	1	<input type="checkbox"/> MAIN BOOM CYLINDER ASSEMBLY	
1	203314B-FB	1	<input type="checkbox"/> BARREL ASSEMBLY	
2	11706-FB	2	BUSHING - 3" x 4-1/4"	
3	712096A-FB	1	NUT, 2.75"-11 (711181A) (<i>ft.FBs (Nm)</i>)	
4	400990B-FB	1	<input type="checkbox"/> PISTON	
5	NSS	1	⌘ RING, piston wear	
6	NSS	1	⌘ O-RING, piston seal backup	
7	NSS	1	⌘ RING, piston wear	
8	NSS	1	⌘ RING, piston wear	
9	NSS	1	⌘ O-RING, piston seal	
10	501040B-FB	1	<input type="checkbox"/> BEARING, rod	
11	NSS	1	⌘ RING, rod bearing wear	
12	NSS	1	⌘ O-RING, rod bearing - outer	
13	NSS	1	⌘ RING, rod bearing o-ring backup	
14	NSS	1	⌘ O-RING, rod seal backup	
15	NSS	1	⌘ U-CUP, rod bearing	
16	NSS	1	⌘ WIPER, rod	
17	711001A-FB	12	BOLT - 5/8" x 2-1/4" (<i>175 ft.FBs (233 Nm)</i>)	
18	301981B-FB	1	<input type="checkbox"/> ROD ASSEMBLY	
19	10704-HB	1	FITTING, straight grease - 1/8" pipe thread	
20	42486-HB	2	BUSHING - 3.5" X 3.0" X 3.0" UNDERSIZE	
21	54106-HB	1	FITTING, straight grease - 1/4" pipe	
-	52125-FB	1	KIT, seal repair - main boom cylinder	

- Kit or Assembly - includes all items indented underneath.
 ⌘ Included in seal repair kit Part # 52125-FB.



Parts T3883 10/28/11
12.5

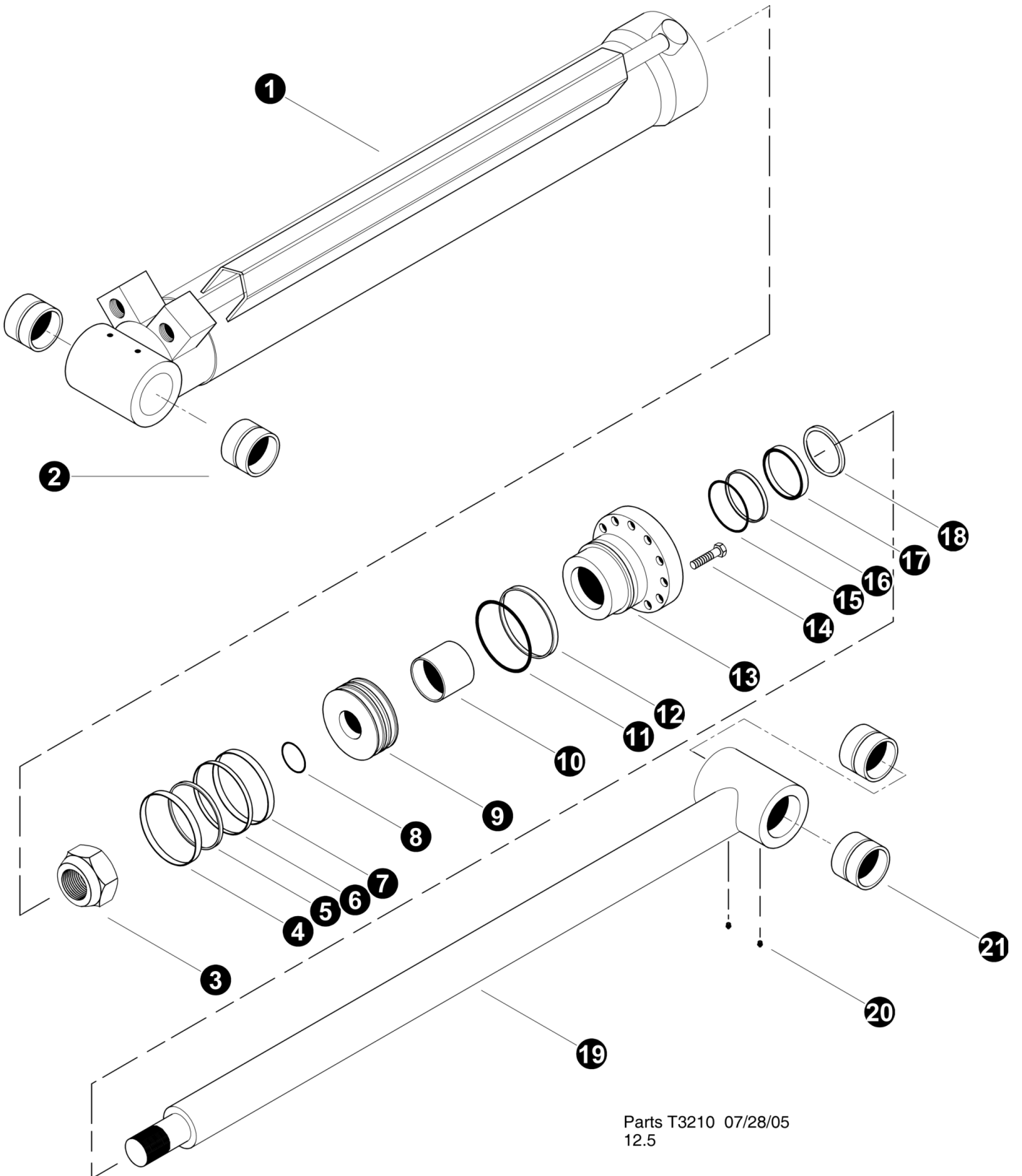
FELLER BUNCHER STICK BOOM (JIB) CYLINDER (5" Dia - 58" Stroke)

(Please Verify Part Number Stamped on Base End of Cylinder Before Ordering Parts)

REF	PART #	QTY	DESCRIPTION	SEE PAGE
-	51976-FB	1	<input type="checkbox"/> STICK BOOM CYLINDER ASSEMBLY 150810B	
1	52880-FB	1	<input type="checkbox"/> BARREL ASSEMBLY (203320B)	
2	42486-FB	2	BUSHING - 3.5" X 3.0" X 3.0" UNDERSIZE	
3	19956-FB	1	BOLT, cylinder rod - 2" (4002 ft*lbs (3600 Nm) with Loctite 243)	
4	718032A-FB	1	WASHER,	
5	53904-FB		PISTON	
6	NSS	1	⌘ RING, piston seal	
7	NSS	1	⌘ RING, piston wear	
8	NSS	1	⌘ O-RING, piston seal backup	
9	NSS	1	⌘ RING, piston seal	
10	NSS	1	⌘ RING, piston wear	
11	NSS	1	⌘ RING, piston seal	
12	NSS	1	⌘ O-RING	
13	53905-FB	1	BEARING, rod	
14	NSS	1	⌘ RING, rod bearing wear	
15	NSS	1	⌘ O-RING, rod bearing	
16	NSS	1	⌘ U-CUP, rod bearing	
17	NSS	1	⌘ WIPER, rod	
18	711001A-FB	1	BOLT, rod bearing (175 +/- 5 ft.FBs. (237 Nm))	
19	53903-FB	1	<input type="checkbox"/> ROD ASSEMBLY (301980B)	
20	10704-FB	1	FITTING, straight grease - 1/8" pipe thread	
21	42486-FB	2	BUSHING - 3.5" X 3.0" X 3.0" UNDERSIZE	
22	-FB	1	CARTRIDGE, Sun T162A, CNAC-XCN .062	
-	52117-FB	1	KIT, seal repair - stick boom cylinder (See Note Below)	

Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit Part # 52117-FB.



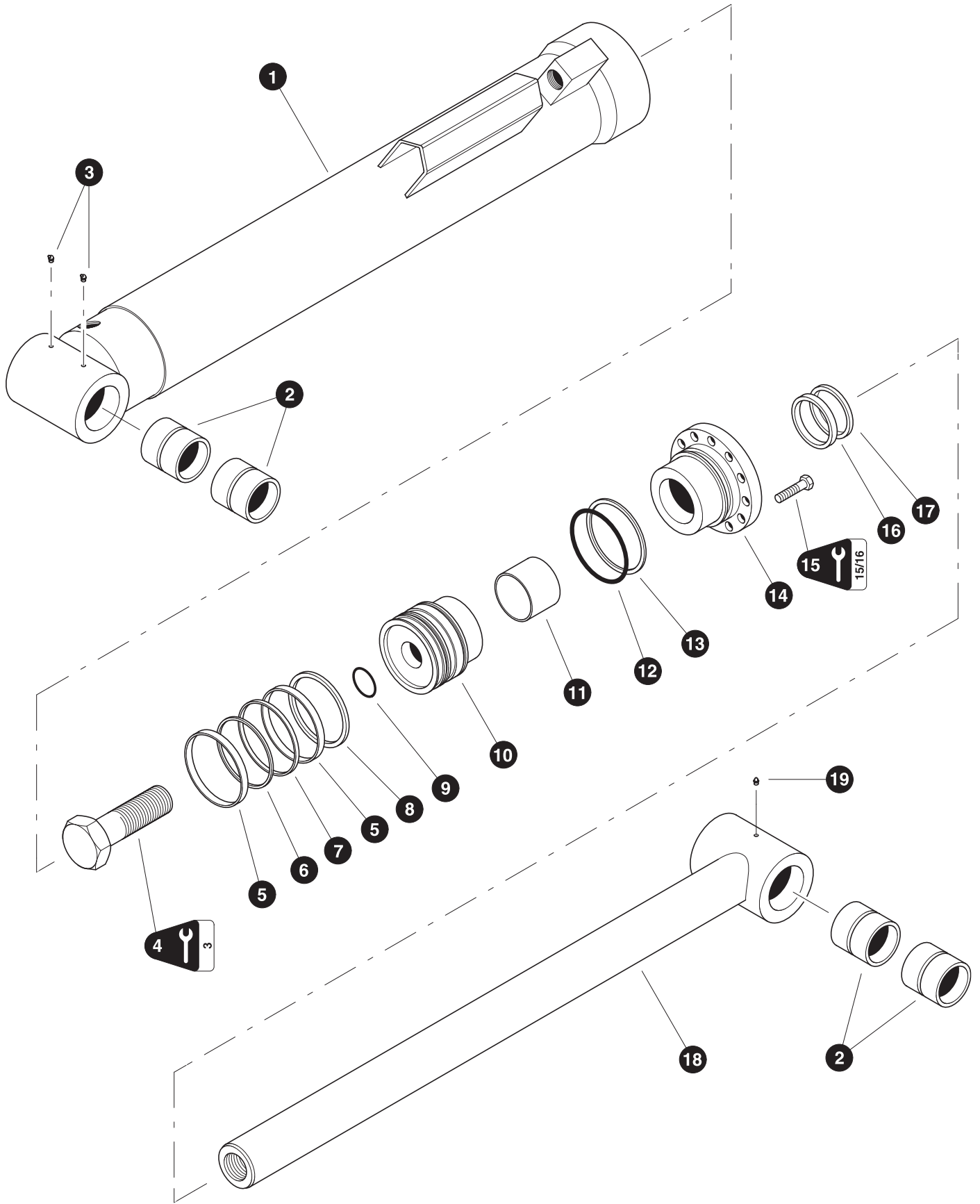
HARVESTER STICK BOOM (JIB) CYLINDER (6" Dia - 45" Stroke)

(Please Verify Part Number Stamped on Base End of Cylinder Before Ordering Parts)

REF	PART #	QTY	DESCRIPTION	SEE PAGE
-	52725-FB	1	<input type="checkbox"/> CYLINDER, STICK - 4/BAR (HD 6" DIA)	
1	-FB	1	<input type="checkbox"/> BARREL ASSEMBLY (203454B)	
2	14241-FB	2	BUSHING 2.5" X 3"	
3	15287-FB	1	NUT, cylinder rod - 2" NF (Torque to 2700 +/- 200 ft.FBs. (3600 +/- 265 Nm))	
4	NSS	1	⌘ RING, piston	
5	NSS	1	⌘ RING, backup piston	
6	NSS	1	⌘ RING, piston	
7	NSS	1	⌘ RING, piston	
8	NSS	1	⌘ O-RING, piston	
9	-FB	1	PISTON ASSY (401042B)	
10	NSS	1	⌘ RING, rod bearing wear	
11	NSS	1	⌘ O-RING, rod bearing	
12	NSS	1	⌘ RING, rod bearing back-up	
13	-FB	1	BEARING, rod (501107B)	
14	-FB	16	BOLT - 5/8" (Torque to 175 ft.FBs (233 Nm))	
15	NSS	1	⌘ RING, rod bearing back-up	
16	NSS	1	⌘ RING, rod bearing	
17	NSS	1	⌘ U-CUP, rod bearing	
18	NSS	1	⌘ WIPER, rod	
19	-FB	1	<input type="checkbox"/> ROD ASSEMBLY (302061B)	
20	10704-FB	1	FITTING, straight grease - 1/8" pipe thread	
21	14241-FB	2	BUSHING 2.5" X 3"	
-	52804-FB	1	⌘ KIT, SEAL REPAIR - STICK CYL 830/630	

Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit Part # 52804-FB.

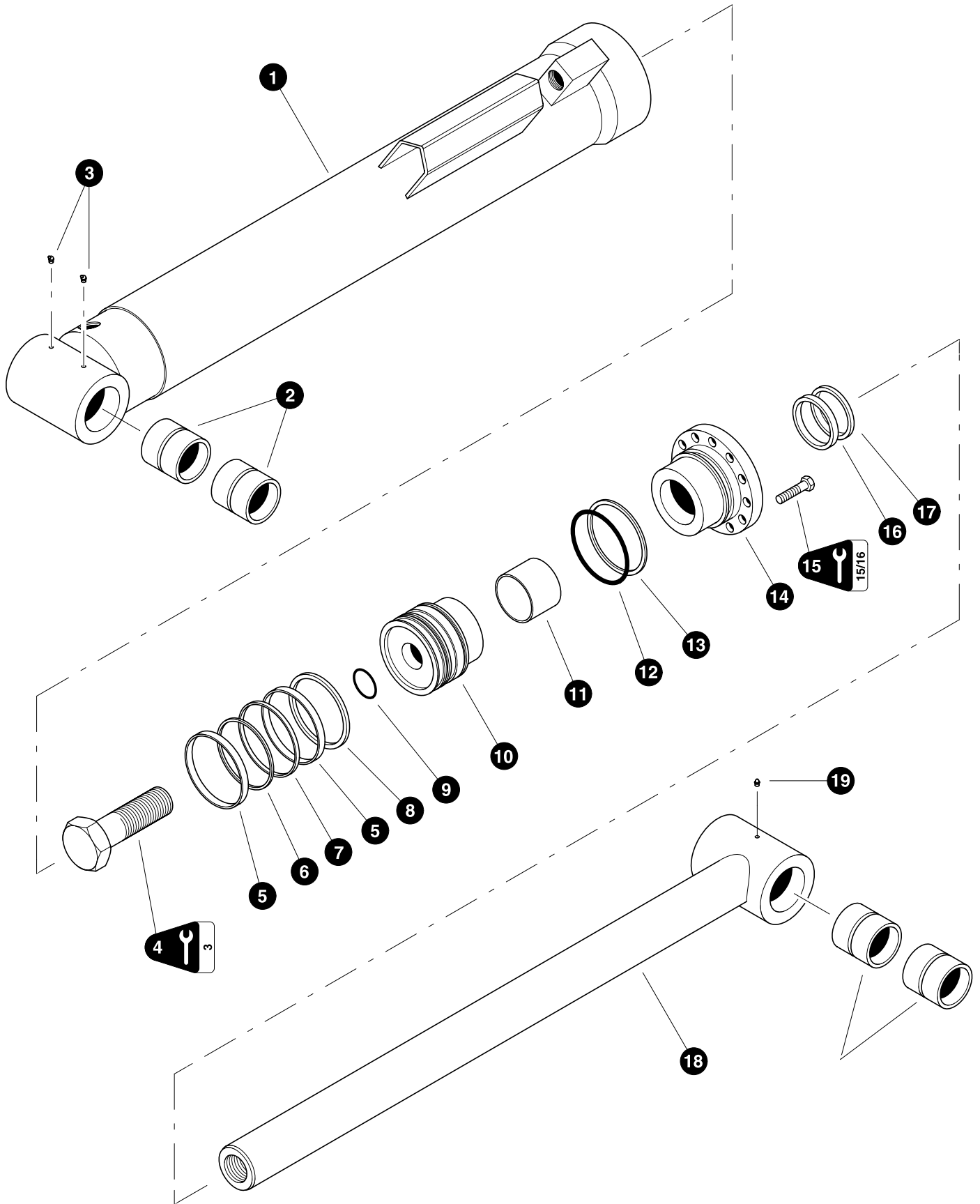


TOOL TILT CYLINDER
TN725B-0107-080911 and before
(Used With 4-Bar Linkage)(Jarp)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	24006-FB	1	☐	CYLINDER, TOOL - FB (JARP)	
1	22985-FB	1	☐	BARREL ASSEMBLY	
2	14241-FB	2		BUSHING - 2-1/2" x 3"	
3	15683-FB	2		FITTING, 45 grease - 1/8" pipe thread	
4	24563-FB	1		BOLT, PISTON RETAINING (4002 ft*lbs (3600 Nm) with Loctite 243)	
5	NSS	2	⌘	RING, piston wear	
6	NSS	1	⌘	RING, piston square	
7	NSS	1	⌘	RING, piston chem-cast	
8	NSS	1	⌘	RING, piston wear	
9	NSS	1	⌘	O-RING, piston	
10	22986-FB	1		PISTON	
11	NSS	1	⌘	RING, rod bearing wear	
12	NSS	1	⌘	O-RING, rod bearing	
13	NSS	1	⌘	RING, rod bearing back-up	
14	24562-FB	1		BEARING, rod	
15	15681-FB	12		BOLT - 5/8" x 2-1/4" (175 ft.FBs (233 Nm))	
16	NSS	1	⌘	U-CUP, rod bearing	
17	NSS	1	⌘	WIPER, rod	
18	22537-FB	1	☐	ROD ASSEMBLY	
19	10704-FB	1		FITTING, straight grease - 1/8" pipe thread	
-	22988-FB	1		KIT, seal repair - tool tilt cylinder	

☐ Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit Part # 22988-FB.



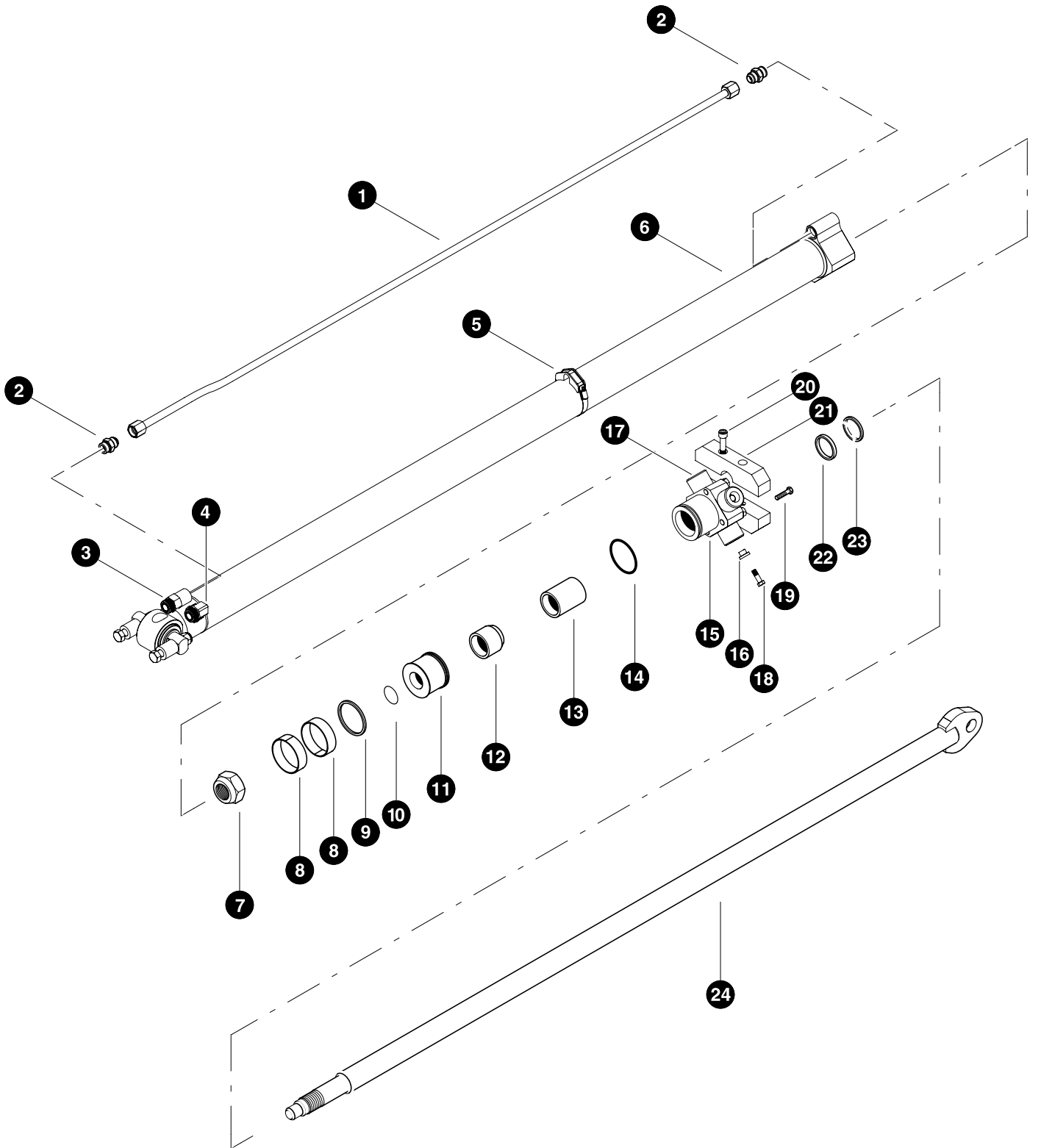
Parts T3885 03/16/2012
18.75

TOOL TILT CYLINDER
TL735B-0108-081211 and after
(Used With 4-Bar Linkage)(Jarp)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
-	54398-FB	1	☐	CYLINDER, TOOL - FB (JARP)	
1	22985-FB	1	☐	BARREL ASSEMBLY	
2	14241-FB	2		BUSHING - 2-1/2" x 3"	
3	15683-FB	2		FITTING, 45 grease - 1/8" pipe thread	
4	24563-FB	1		BOLT, PISTON RETAINING (4002 ft*lbs (3600 Nm) with Loctite 243)	
5	NSS	2	⌘	RING, piston wear	
6	NSS	1	⌘	RING, piston square	
7	NSS	1	⌘	RING, piston chem-cast	
8	NSS	1	⌘	RING, piston wear	
9	NSS	1	⌘	O-RING, piston	
10	22986-FB	1		PISTON	
11	NSS	1	⌘	RING, rod bearing wear	
12	NSS	1	⌘	O-RING, rod bearing	
13	NSS	1	⌘	RING, rod bearing back-up	
14	24562-FB	1		BEARING, rod	
15	15681-FB	12		BOLT - 5/8" x 2-1/4" (175 ft.FBs (233 Nm))	
16	NSS	1	⌘	U-CUP, rod bearing	
17	NSS	1	⌘	WIPER, rod	
18	26675-FB	1	☐	ROD ASSEMBLY	
19	10704-FB	1		FITTING, straight grease - 1/8" pipe thread	
20	54397-FB	2		BUSHING - 3" x 3"	
-	22988-FB	1		KIT, seal repair - tool tilt cylinder	

☐ Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit Part # 22988-FB.



Parts T2754 07/14/2003
12.50

SQUIRT BOOM CYLINDER

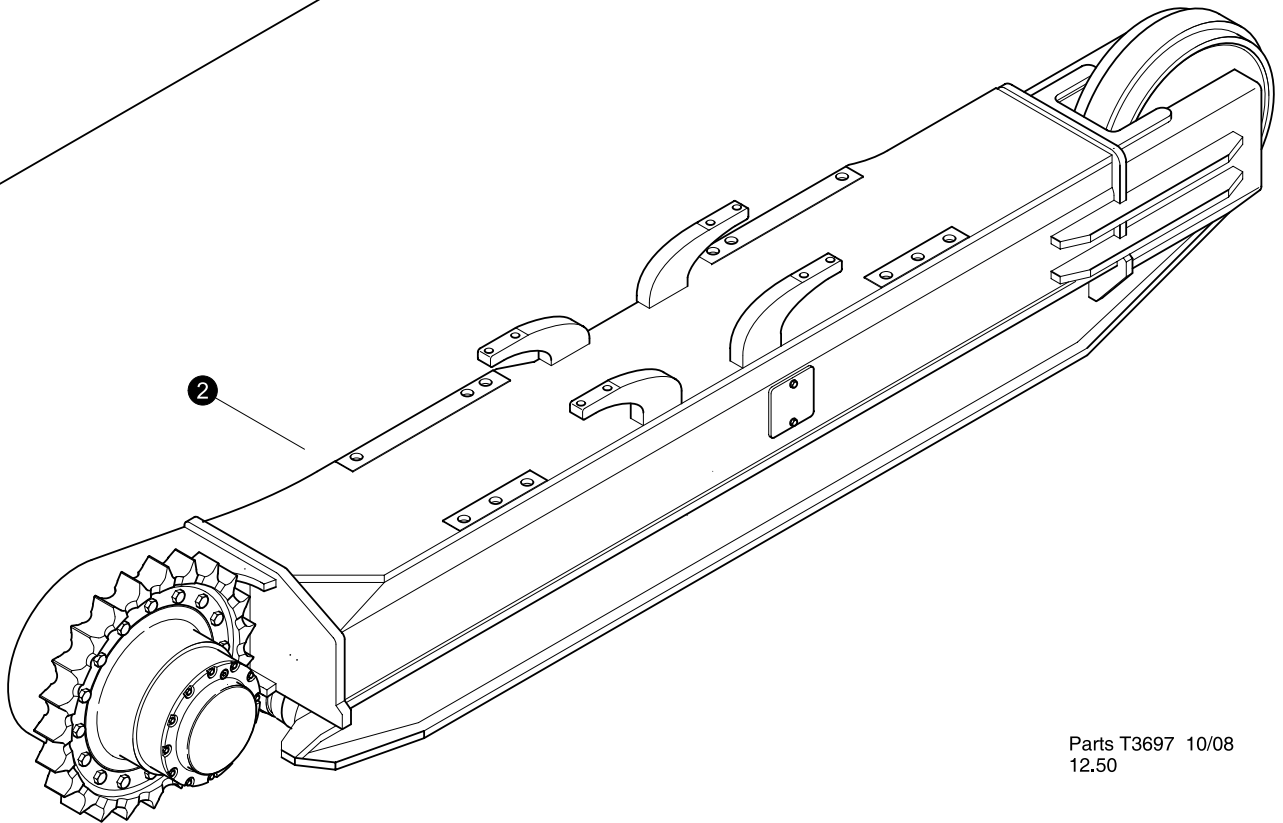
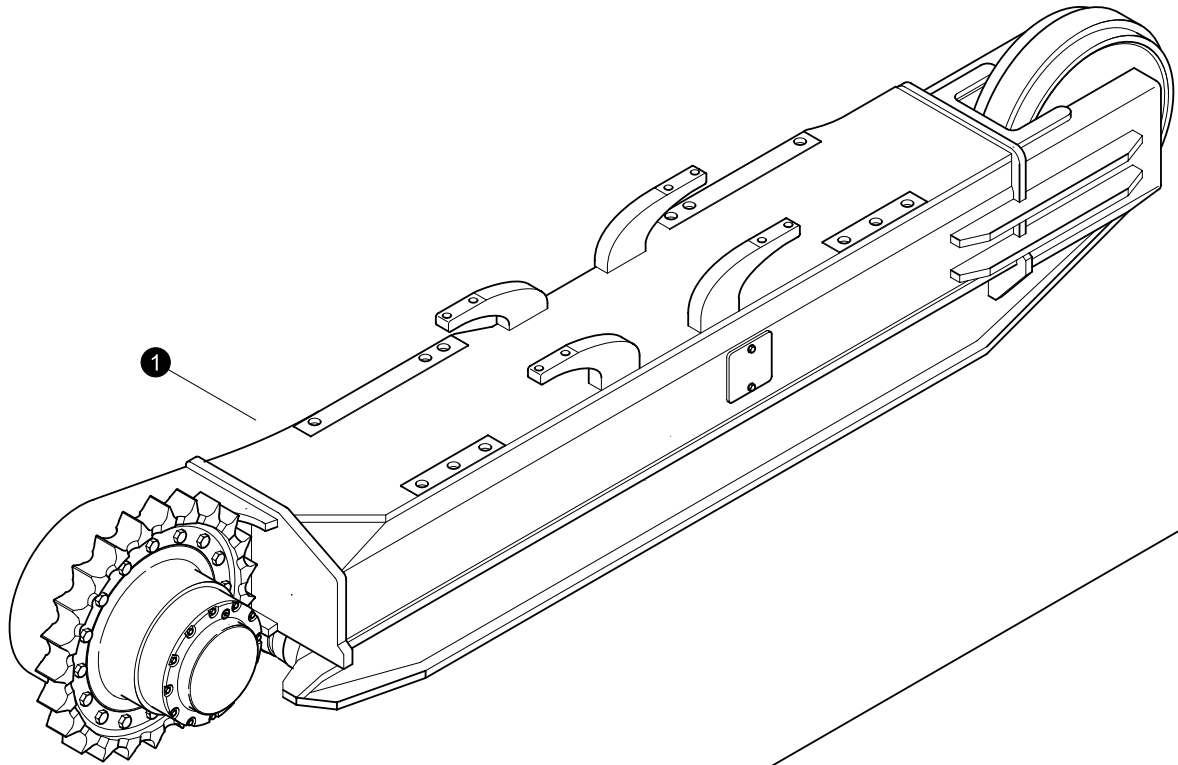
REF	PART #	QTY		DESCRIPTION	SEE PAGE
-	51008-FB	1	☐	CYLINDER, 6' squirt	
1	---	1		TRANSFER TUBE (Jarp - 281266a)	
2	---	1		CONNNECTOR, STR 10 orb X 10 jic	
3	---	1		CONNNECTOR, STR	
4	---	1		EFBOW, 90	
5	---	1		CLAMP (ideal 6864)	
	---	1		GROMMET - (CAT #9R2004)	
6	51028-FB	1		BARREL ASSEMBLY	
7	51032-FB	1		NUT (712118A)	
8	---	1	⌘	RING, piston - wear	
9	---	1	⌘	RING, piston - square	
10	---	1	⌘	O-RING, piston	
11	51030-FB	1		PISTON	
12	---	1		CUSHION SLEEVE	
13	---	1		BUSHING, rod bearing (bronze)	
14	---	1	⌘	O-RING, rod bearing	
15	51031-FB	1		BEARING, rod	
16		4		Retainer sleeve (XB3019) (8" SLIDE TUBE)	
17		4		puck - cylinder support 2"OD x 1/2" thick (XB3017) (6" SLIDE TUBE)	
17		4		puck - cylinder support 2"OD x 1.4" thick (XB3018) (8" SLIDE TUBE)	
18		4		screw 3/8 x 3/4 FHCS brass (XB5001) (6" SLIDE TUBE)	
18		4		Capscrew 3/8"-16 x 1.5 hex head Gr 5 - (8" SLIDE TUBE)	
19	---	4		BOLT - (711206A)	
20		2		Capscrew 1/2"-13 x 3 socket head	
21		1		truss - cylinder support (XB4079) (6" SLIDE TUBE)	
21		1		truss - cylinder support (XB4080) (8" SLIDE TUBE)	
22	---	1	⌘	U-CUP, rod bearing	
23	---	1	⌘	WIPER, rod	
24	51029-FB	1		ROD ASSEMBLY	
-	51033-FB	1		KIT, seal repair - boom extension cylinder	

☐ Kit or Assembly - includes all items indented underneath.

⌘ Included in seal repair kit Part # 51033-FB

Section TS-1

Track Systems - 725 Undercarriage

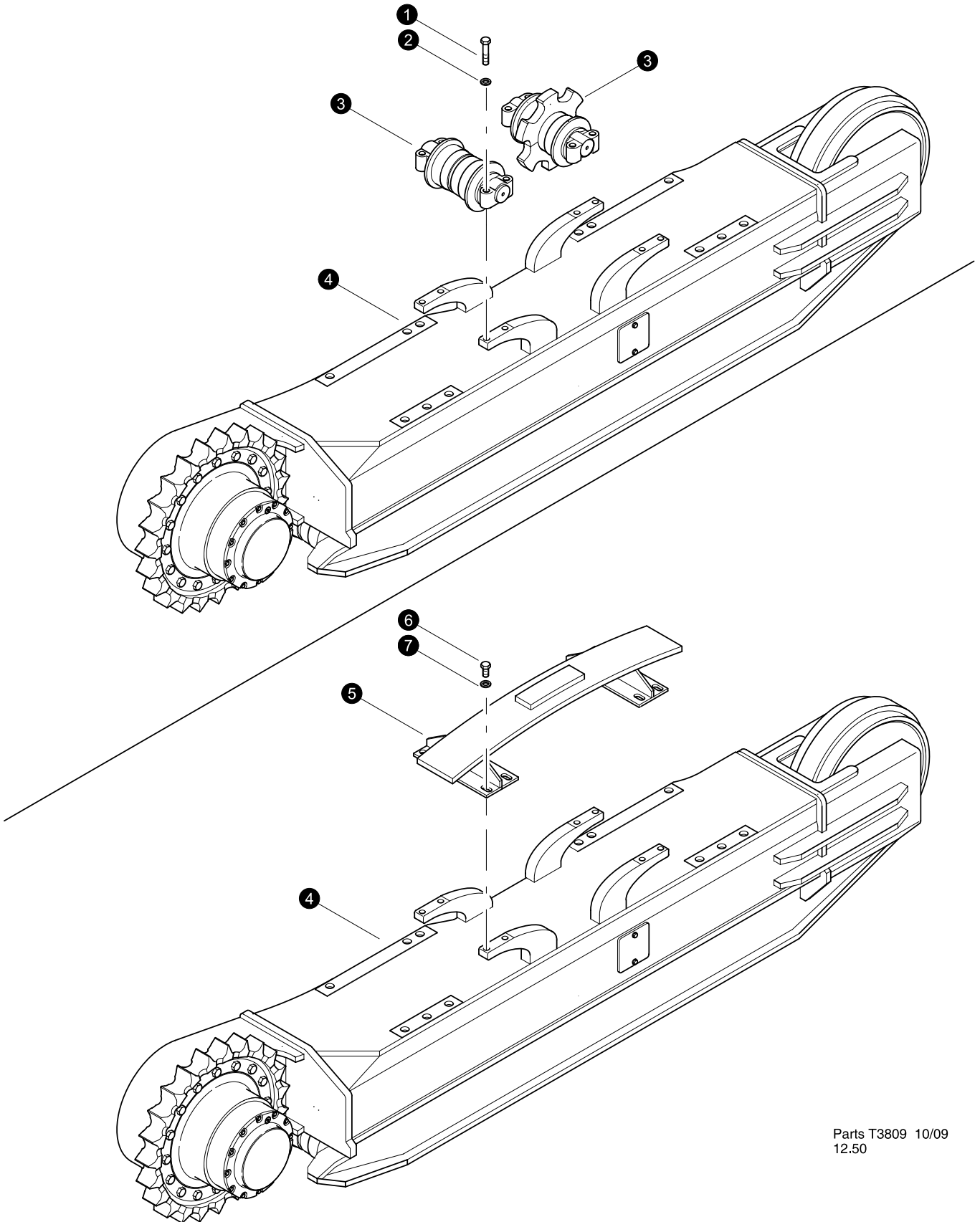


Parts T3697 10/08
12.50

TRACK FRAME ASSEMBLY

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52667-TS	1	<input type="checkbox"/> TRACK FRAME SET - CAT 325 Short (left and right (standard))	
-	-TS	1	Frame, Right Side (305-4319)	
-	-TS	1	Frame, Left Side (305-4320)	
2	53096-TS	1	<input type="checkbox"/> TRACK FRAME SET - CAT 325 Long (left and right (optional))	
-	-TS	1	Frame, Right Side (299-4045)	
-	-TS	1	Frame, Left Side (299-4046)	

- Kit or Assembly - includes all items indented underneath.



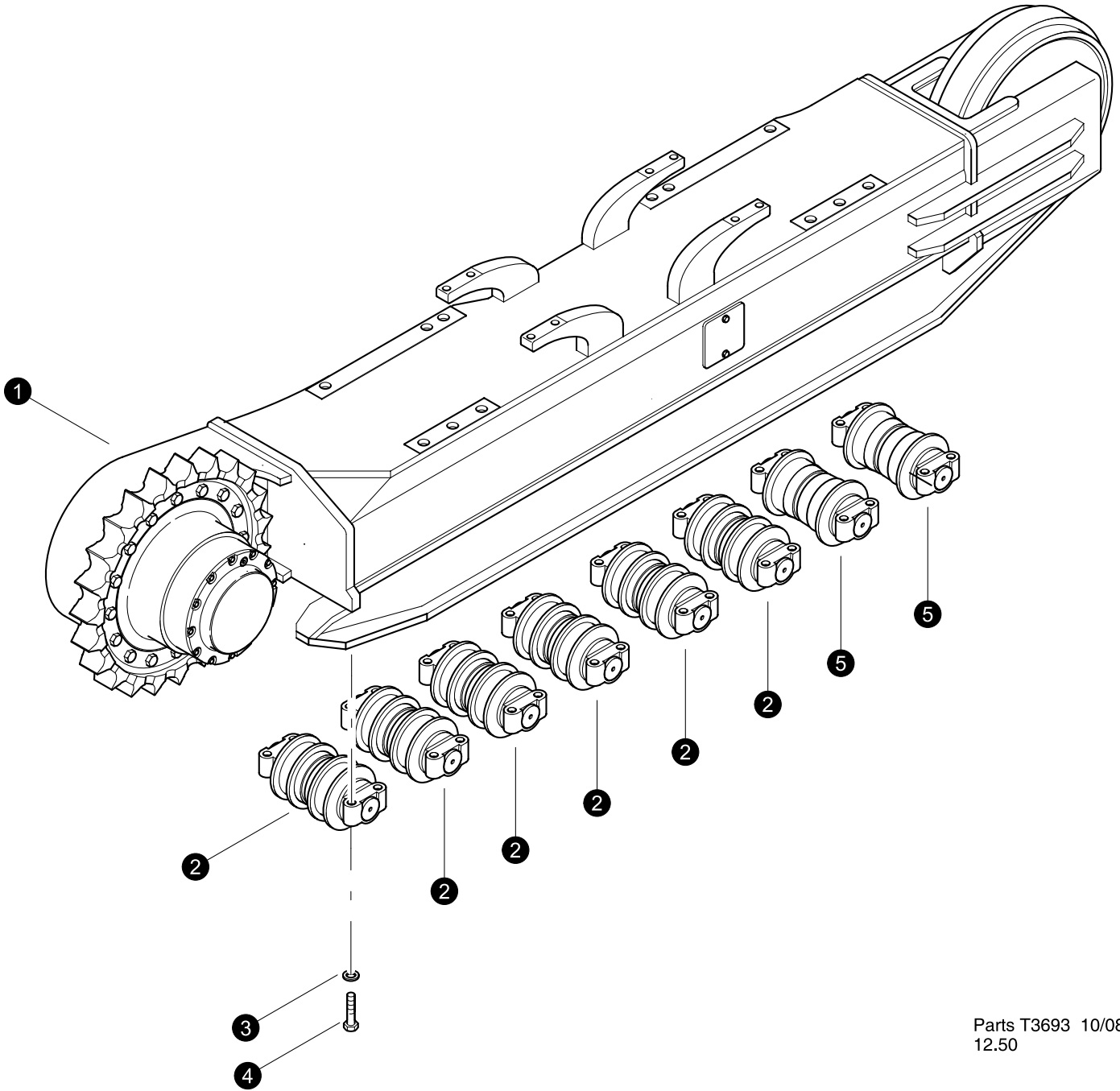
Parts T3809 10/09
12.50

TRACK FRAME ASSEMBLY

(Upper Roller/Slide Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	19925-TS	8	BOLT, ROLLER (330) 24MM 3P X 110MM	
2	19926-TS	8	WASHER, BOLT - ROLLER (330)	
3	53220-TS	2	ROLLER GP - SFLG - 325	
3	53865-TS	2	ROLLER, STAR SFLG - 325 "optional"	
4	REF	1	TRACK FRAME ASSEMBLY	TS-1-2
5	54086-TS	1	SLIDER, track	
6	21444-TS	8	BOLT - 24MM X 2.0P X 50MM	
7	19926-TS	8	WASHER, BOLT - ROLLER (330)	

- Kit or Assembly - includes all items indented underneath.



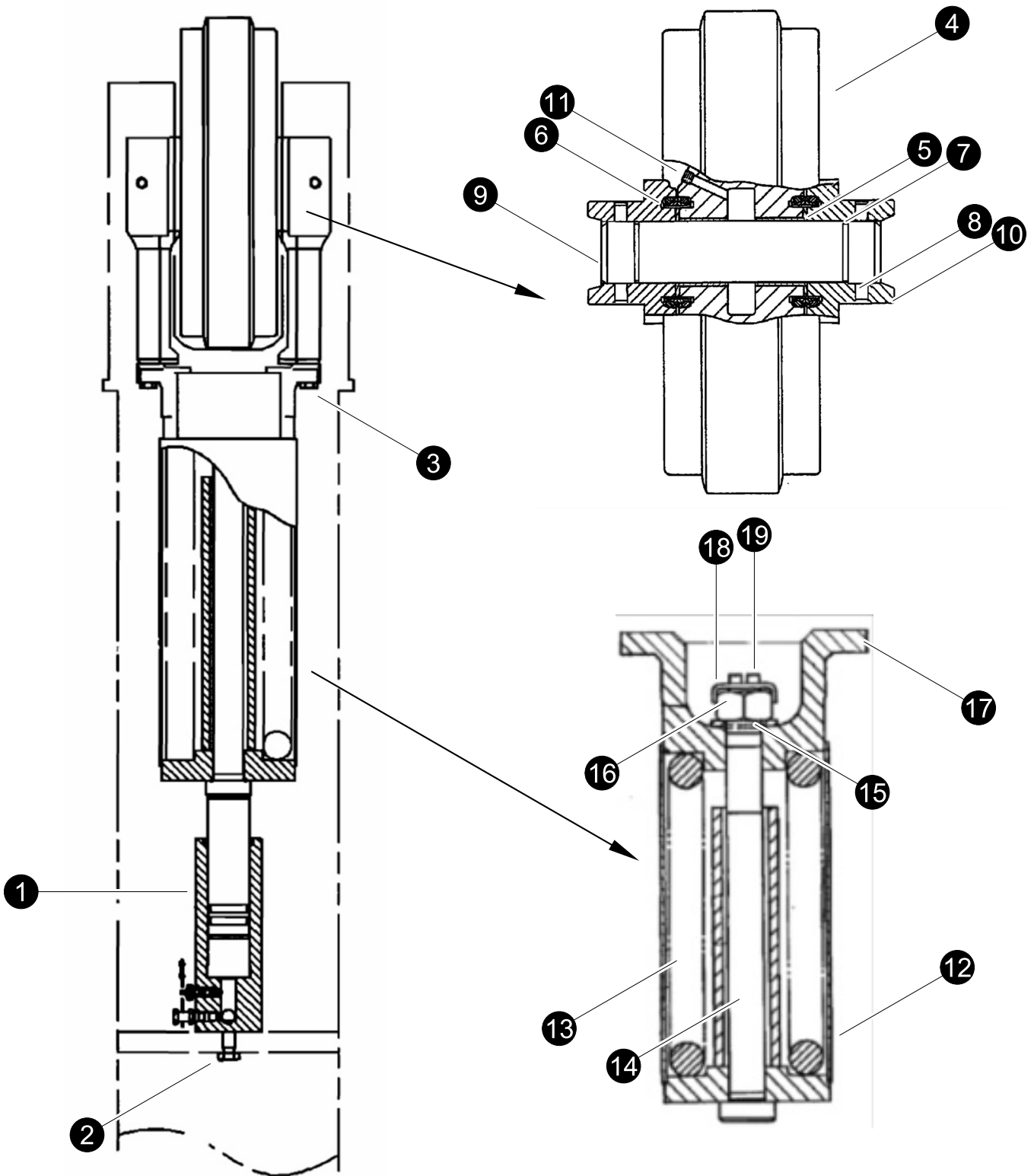
Parts T3693 10/08
12.50

TRACK FRAME ASSEMBLY

(Lower Roller Group Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	TRACK FRAME ASSEMBLY	TS-1
2	53678-TS	6	ROLLER GP - DFLG (206-1263)	
3	7X-2565-TS	32	BOLT - BOLT, (Torque to 450 ft lbs (600 Nm))	
4	8T-4123-TS	32	WASHER - HARD	
5	53220-TS	2	ROLLER GP - SFLG (206-1264)	

- Kit or Assembly - includes all items indented underneath.



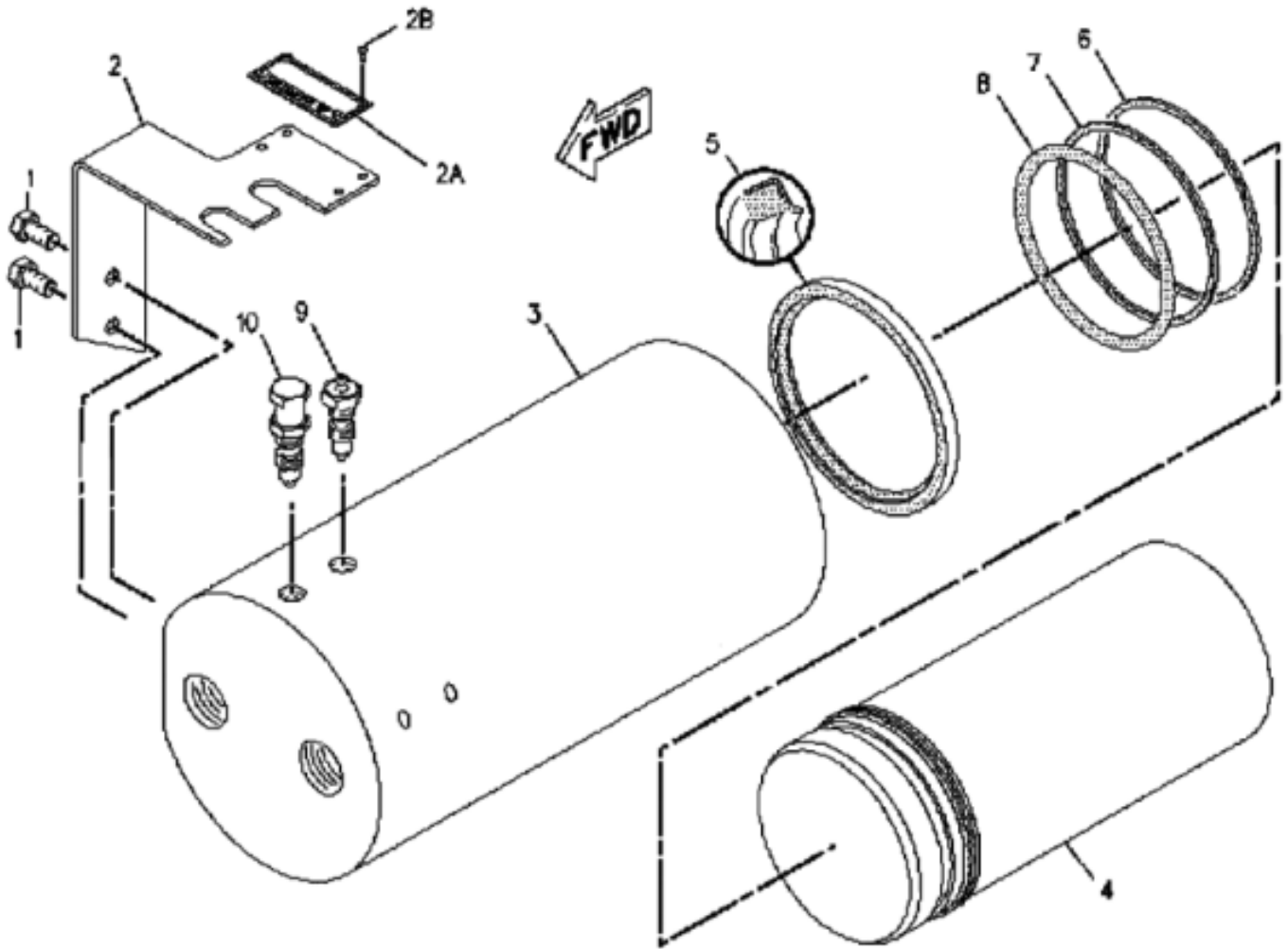
Parts T3695 10/08
12.50

TRACK FRAME ASSEMBLY

(Front Idler Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	IDLER ADJUSTMENT CYLINDER	TS-1-10
2	7X-2563-TS	2	BOLT	
3	8T-6430-TS	4	BOLT	
4	17872-TS	1	<input type="checkbox"/> FRONT IDLER ASSEMBLY	
-	115-7471-TS	1	<input type="checkbox"/> IDLER AS	
5	6Y-2272	2	BEARING	
6	109-0885-TS	2	SEAL GP	
7	8F-8882 -TS	2	SEAL	
8	6Y-2266-TS	2	PIN	
9	112-9951-TS	1	SHAFT	
10	7I-7767-TS	2	BEARING	
11	7H-3171 -TS	1	PLUG	
12	7Y-0555-TS	1	SUPPORT AS	
13	186-2367 -TS	1	SPRING	
14	221-9780-TS	1	ROD	
15	7Y-0725-TS	1	WASHER	
16	8C-7328-TS	1	NUT	
17	7Y-0734-TS	1	SUPPORT	
18	221-9781-TS	1	STRIP	
19	096-4835-TS	2	BOLT	

Kit or Assembly - includes all items indented underneath.



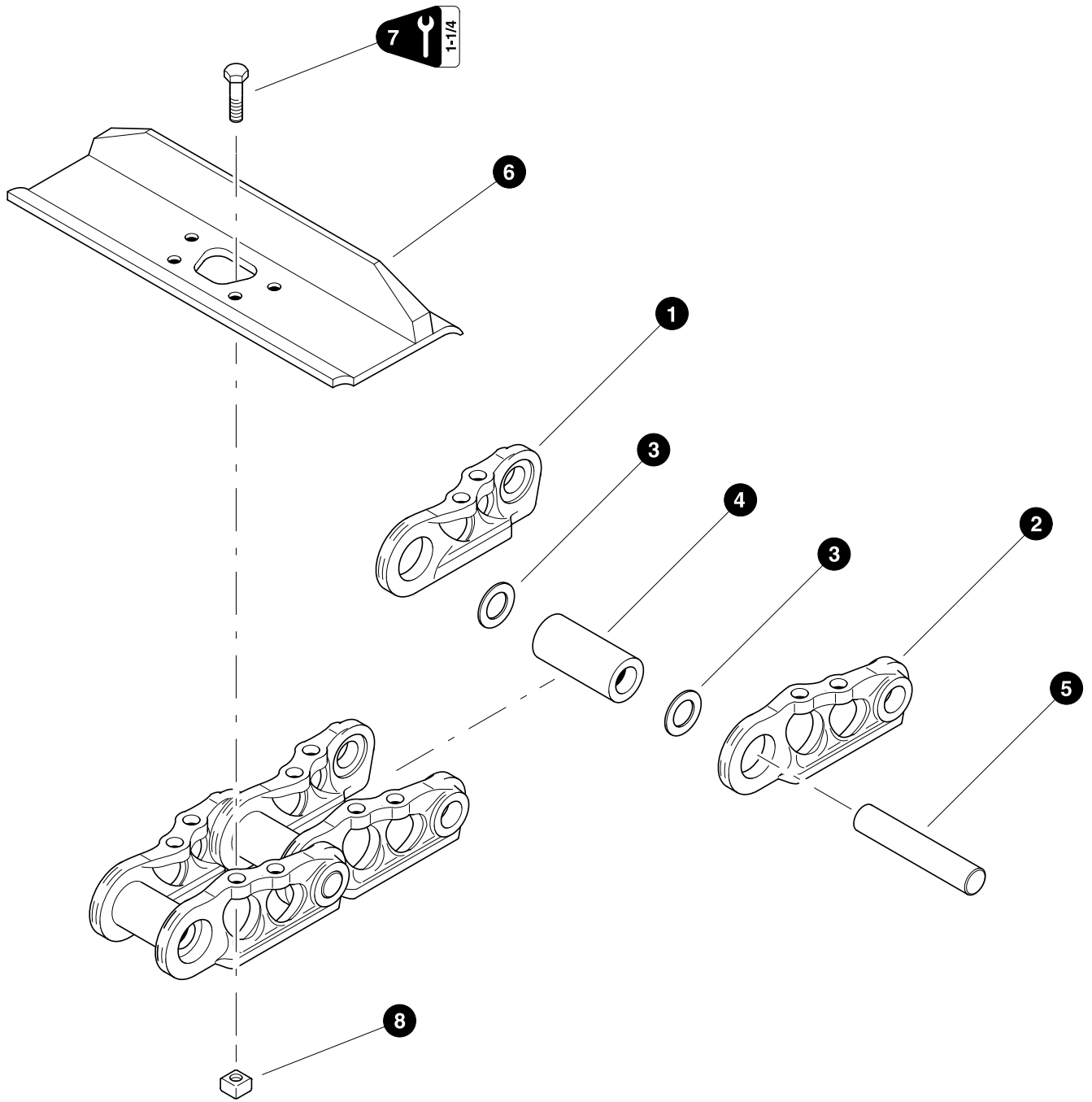
Parts T3696 10/08
12.50

TRACK FRAME ASSEMBLY

(Idler Adjustment Cylinder)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	102-8109-TS	1	<input type="checkbox"/> IDLER ADJUSTMENT GROUP	
1	8T-4191-TS	2	BOLT,	
2	113-2824-TS	1	<input type="checkbox"/> PLATE,	
2A	4B-4158-TS	4	SCREW	
	113-2825-TS	1	PLATE	
2B	253-1346-TS	1	PLATE-WARNING	
3	102-8112-TS	1	CYLINDER	
4	7Y-0680-TS	1	PISTON	
5	093-1436-TS	1	SEAL, lip type	
6	7Y-0682-TS	2	RING, back up	
7	093-1512-TS	2	RING, back up	
8	095-1619-TS	2	SEAL, o-ring	
9	095-2927-TS	1	VATSE, fill	
10	2S-5926-TS	1	VATSE, relief	

Kit or Assembly - includes all items indented underneath.



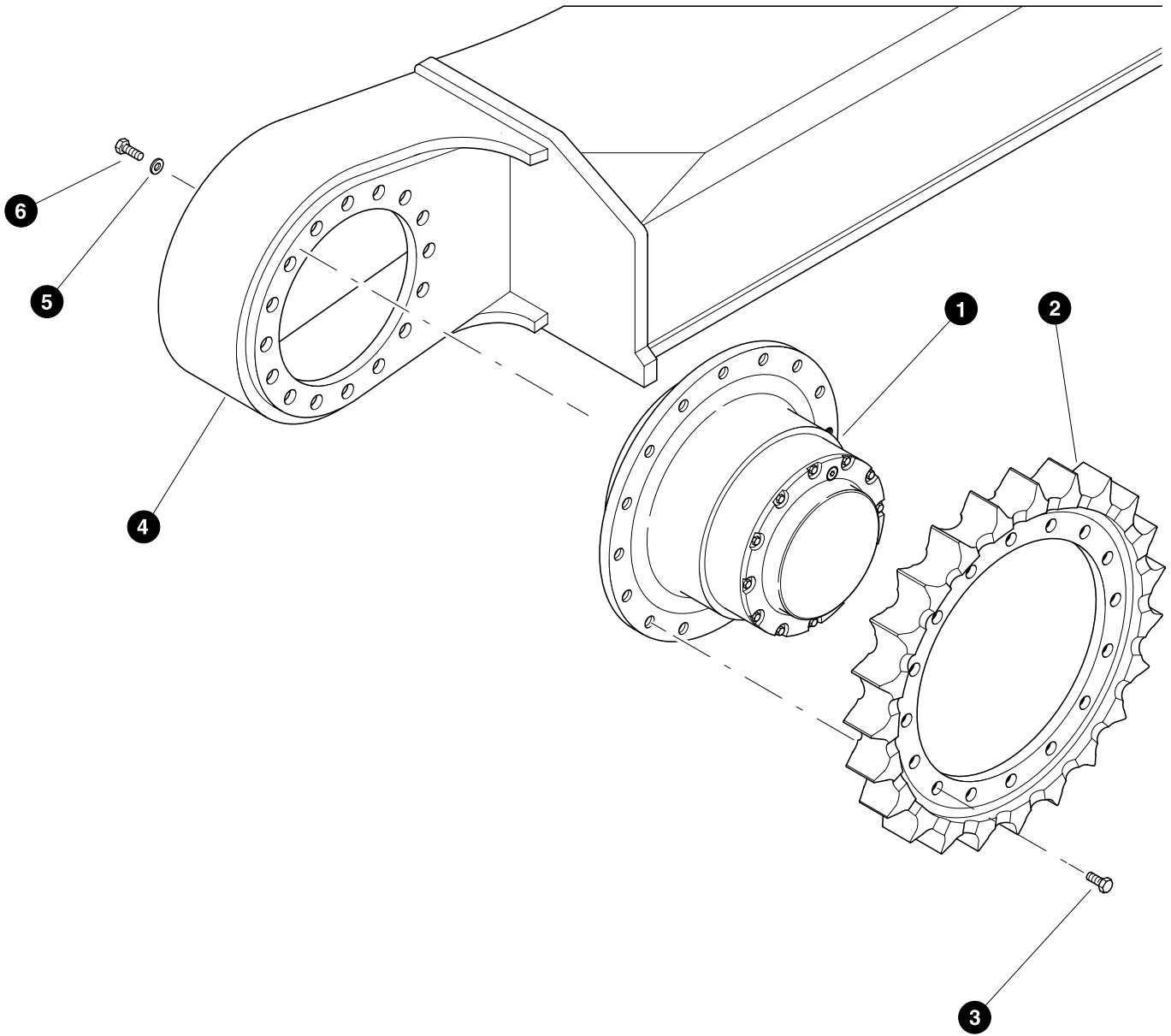
**TRACK FRAME ASSEMBLY
(chain and track pads)
Standard - short track**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	53098-TS	1	<input type="checkbox"/> TRACK, RAIL W/600 SINGLE (45 LINKS) CAT	
-	52857-TS	1	<input type="checkbox"/> TRACK, RAIL W/600 DOUBLE (45 LINKS) CAT	
-	53099-TS	1	<input type="checkbox"/> TRACK, RAIL W/700 SINGLE (45 LINKS) CAT	
-	53097-TS	1	<input type="checkbox"/> TRACK, RAIL W/700 DOUBLE (45 LINKS) CAT	
1	6Y-1608-TS	45	LINK (left)	
2	6Y-1607-TS	45	LINK (right)	
3	179-3425-TS	88	SEAL, link	
-	179-3427-TS	2	SEAL, master link	
4	201-0825-TS	44	BUSHING,	
-	201-0826-TS	1	BUSHING, master link	
5	6Y-0851-TS	44	PIN,	
-	6Y-0850-TS	1	PIN, master link	
6	17183-TS	45	SHOE - 600 SINGLE	
-	53679-TS	45	SHOE - 600 DOUBLE	
-	21054-TS	45	SHOE - 700 SINGLE	
-	19480-TS	45	SHOE - 700 DOUBLE	
7	17185-TS	180	BOLT, TRACK SHOE (CAT 325) (Torque to 300 ft lbs (400 Nm))	
8	17186-TS	180	NUT, TRACK SHOE (CAT 325)	

**TRACK FRAME ASSEMBLY
(chain and track pads)
Optional - long track**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	53100-TS	1	<input type="checkbox"/> TRACK, RAIL W/600 SINGLE (48 LINK) CAT	
-	52647-TS	1	<input type="checkbox"/> TRACK, RAILS W/700 SINGLE (48) CAT	
-	53630-TS	1	<input type="checkbox"/> TRACK, RAIL W/700 DG (48 LINK) BERCO	
1	6Y-1608-TS	48	LINK (left)	
2	6Y-1607-TS	48	LINK (right)	
3	179-3425-TS	94	SEAL, link	
-	179-3427-TS	2	SEAL, master link	
4	201-0825-TS	47	BUSHING,	
-	201-0826-TS	1	BUSHING, master link	
5	6Y-0851-TS	47	PIN,	
-	6Y-0850-TS	1	PIN, master link	
6	17183-TS	48	SHOE - 600 SINGLE	
-	21054-TS	48	SHOE - 700 SINGLE	
-	19480-TS	48	SHOE - 700 DOUBLE	
7	17185-TS	192	BOLT, TRACK SHOE (CAT 325) (Torque to 300 ft lbs (400 Nm))	
8	17186-TS	192	NUT, TRACK SHOE (CAT 325)	

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



Parts 00652 09/02/96
12.50

TRACK FRAME ASSEMBLY

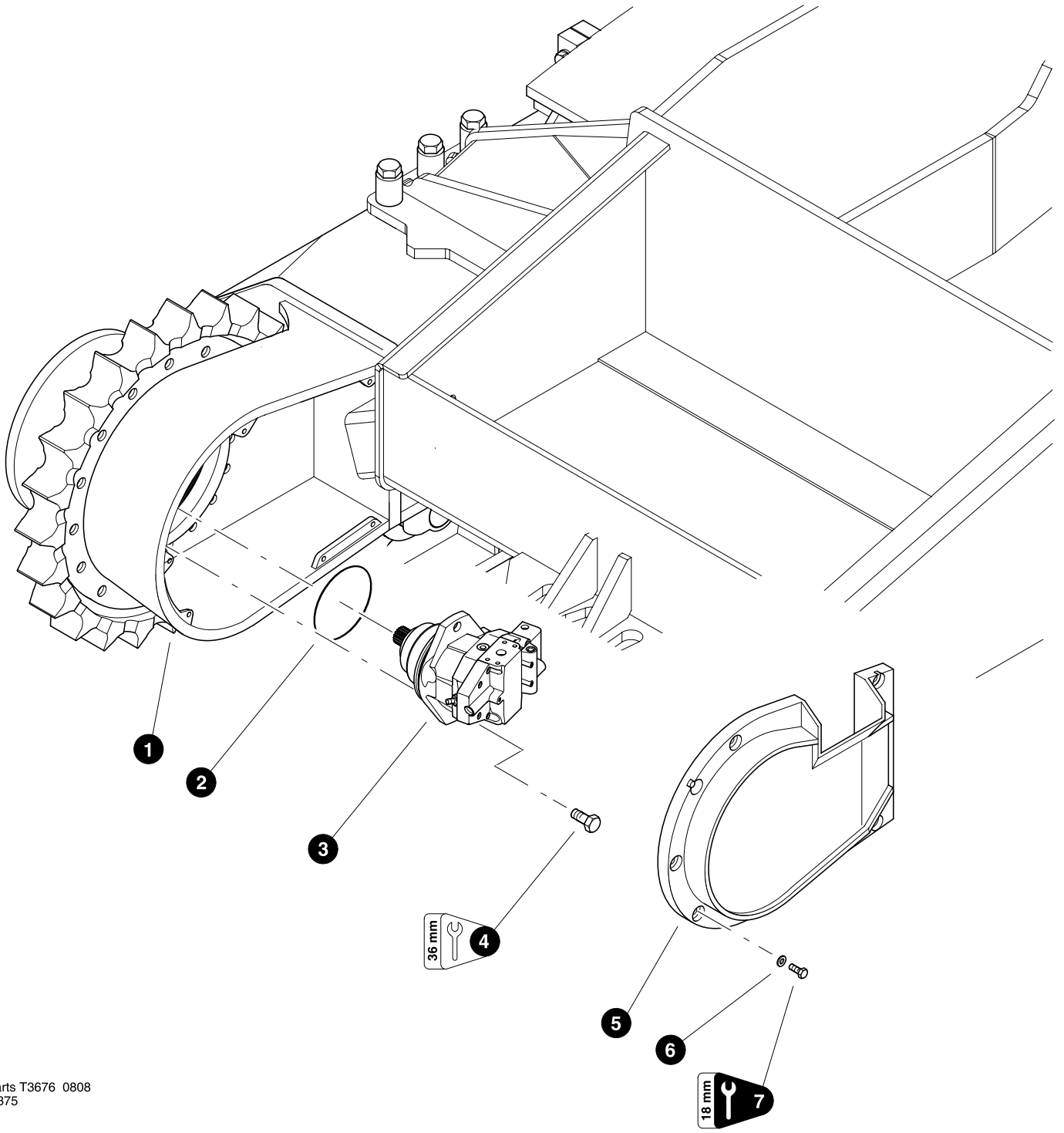
(Final Drive - Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FINAL DRIVE ASSEMBLY	TS-1-15
2	21378-TS	1	SPROCKET, FINAL DRVE (325)	
3	21379-TS	18	BOLT - 20MM (Torque to 390 ft lbs (530 Nm)) (see note below)	
4	REF	1	TRACK FRAME ASSEMBLY	TS-1-1
5	19924-TS	20	WASHER - HARD 20MM	
6	21381-TS	20	BOLT - 20MM (Torque to 390 ft lbs (530 Nm)) (see note below)	

Kit or Assembly - includes all items indented underneath.



NOTE:


Use Loctite 272 (blue / medium) during installation.

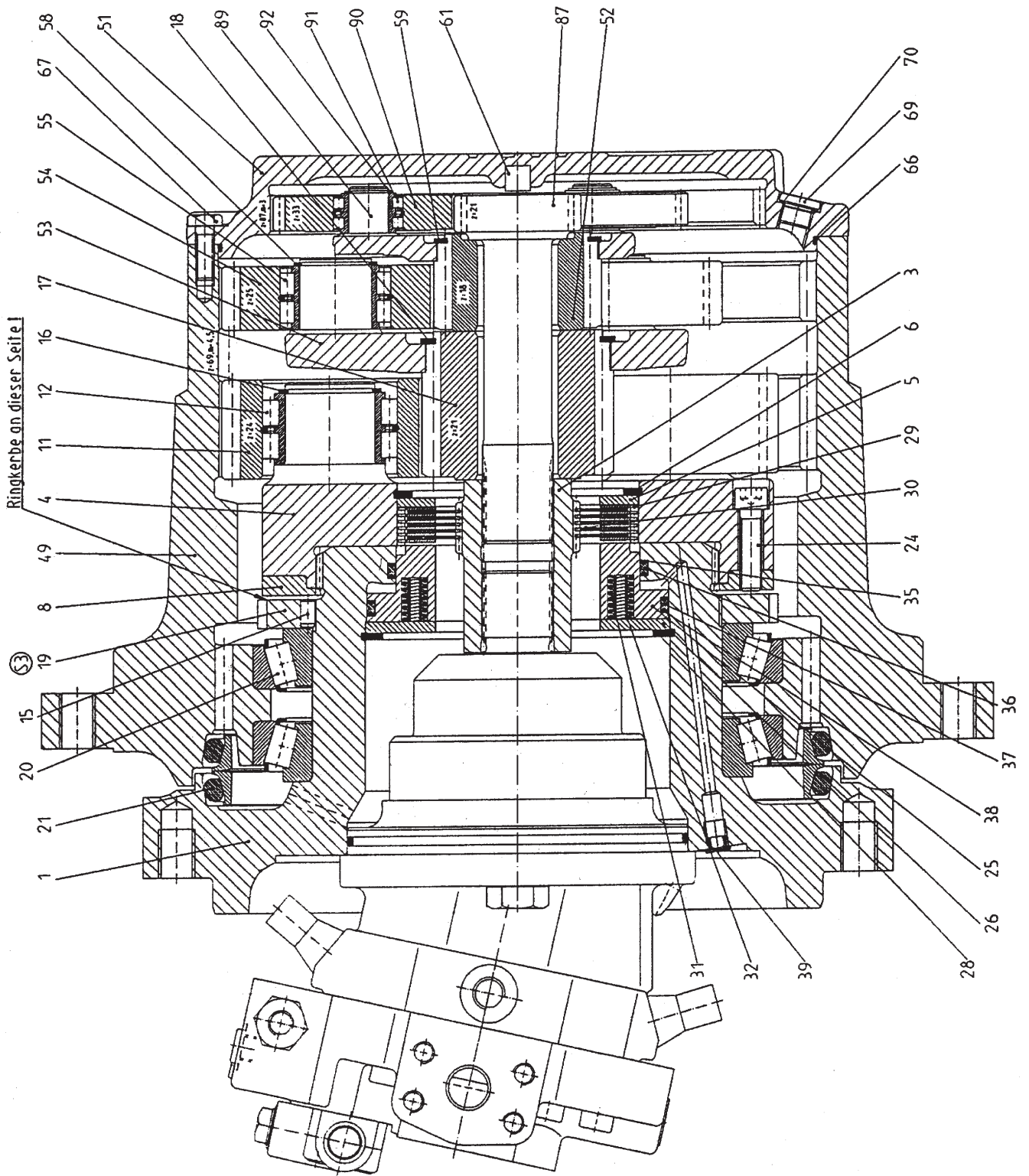


Parts T3676 0808
9.375

Frame Installation

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	2		TRACK FRAME ASSEMBLY	TS
2	21382-TS	2		O-RING, Rexroth Motor (Rexroth 16463252)	
3	REF.	2		TRACK HYDRAULIC MOTOR	TS
4	18259-TS	4		BOLT - (Rexroth 16441363)	
5	19333-TS	1		COVER, LEFT MOTOR - 725 (1C-7899)	
5	19332-TS	1		COVER, RIGHT MOTOR - 725 (1C-7898)	
6	18735-TS	16		WASHER, FLAT - 12MM	
7	18415-TS	16		BOLT - 12MM-1.75P X 30MM	

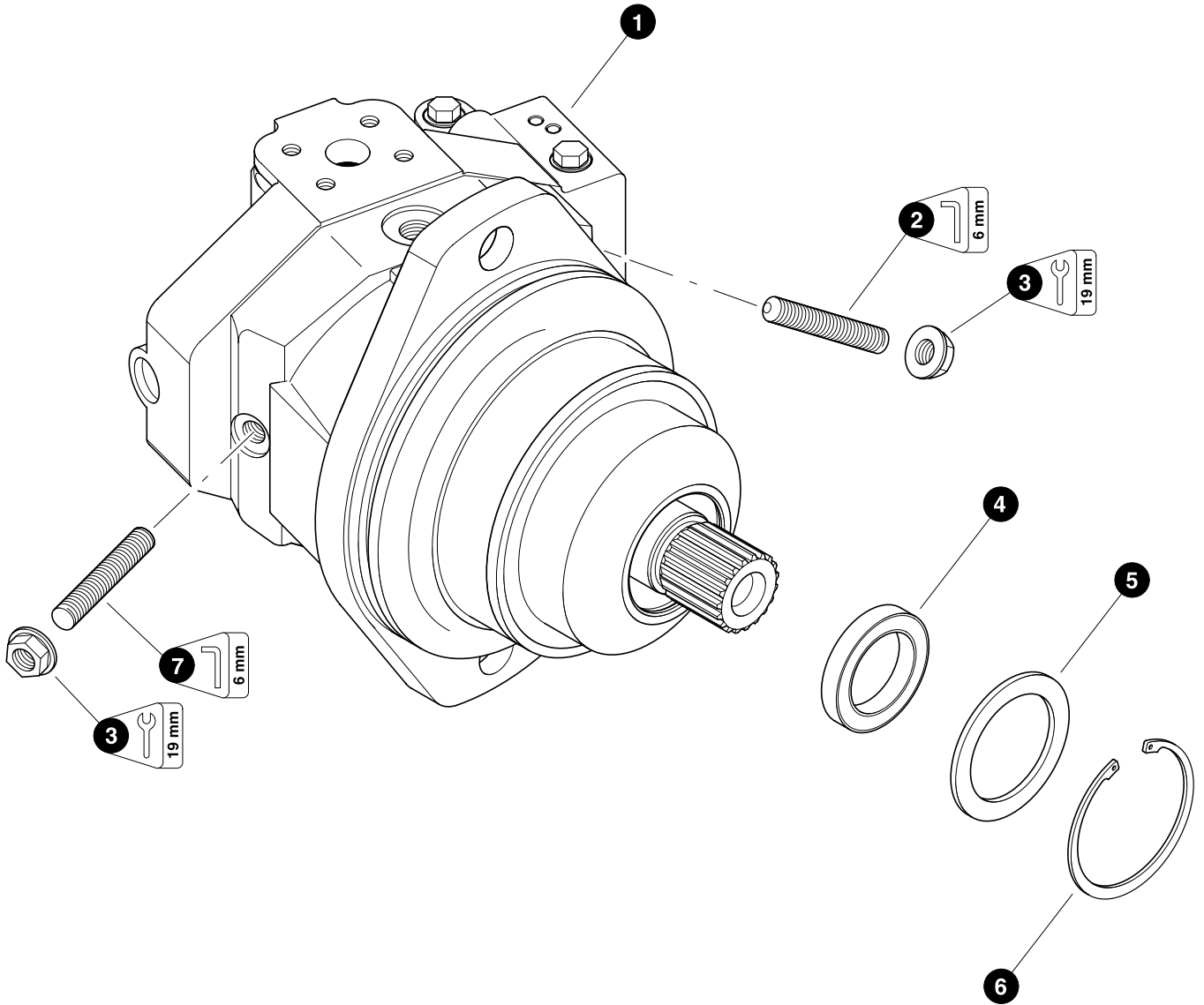
 See referenced page for component or assembly breakdown.



Parts 02060 03/12/2001
6.25

TRACK FRAME ASSEMBLY**(Final Drive - Lohmann/Rexroth)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	19973	2	<input type="checkbox"/> TRACK FINAL DRIVE	
1	21335	1	SPINDLE	
3	21336	1	COUPLING, spur gear	
4	21337	1	CARRIER, planet - inner	
5	21338	1	PLATE, back-up - brake (Carrier location)	
6	21339	1	RING, snap - brake (Carrier location)	
8	21340	1	RING, locating	
11	21341	1	PLANETARY GEAR SET - inner (Only available as a set of 5 gears)	
12	21342	5	BEARING, roller - inner planetary gear	
15	21343	2	PIN, dowel	
16	21347	5	RING, snap - inner planetary gear	
17	21348	1	GEAR, sun - inner	
18	21349	1	RING, snap - inner sun gear	
19	21350	1	NUT, shaft	
20	21351	2	BEARING, tapered roller - spindle	
21	21352	1	SEAL, face	
24	21353	5	BOLT, allen head - 12mm x 45mm	
25	21354	1	PISTON, brake	
26	21355	1	PLATE, back-up - brake (Spindle location)	
28	21356	1	RING, snap - brake (Spindle location)	
29	21357	1	KIT, repair - brake disc (Consists of items #30, 31 & 32 on illustration)	
35	21358	1	KIT, repair - brake seal (Consists of items #36, 37 & 38 on illustration)	
39	21359	1	PLUG, cap	
49	21360	1	HOUSING (Also refered to as ring gear)	
51	21361	1	COVER, housing	
52	21362	1	GEAR, sun - outer	
53	21363	1	CARRIER, planet - middle	
54	21364	1	PLANETARY GEAR SET - middle (Only available as a set of 3 gears)	
55	21365	3	BEARING, roller - middle planetary gear	
58	21366	3	RING, snap - middle planetary gear	
59	21367	1	RING, snap - outer sun gear	
61	21368	1	BUTTON, thrust	
66	21369	1	O-RING, housing cover	
67	21370	12	BOLT - 10mm x 30mm	
69	21371	2	PLUG - 18mm	
70	21372	2	RING, seal - 18mm plug	
87	21373	1	GEAR, spur	
89	21374	1	CARRIER, planet - outer	
90	21375	1	PLANETARY GEAR SET - outer (Only available as a set of 3 gears)	
91	21376	3	BEARING, roller - outer planetary gear	
92	21377	3	RING, snap - outer planetary gear	
<input type="checkbox"/>	Kit or Assembly - includes all items indented underneath.			

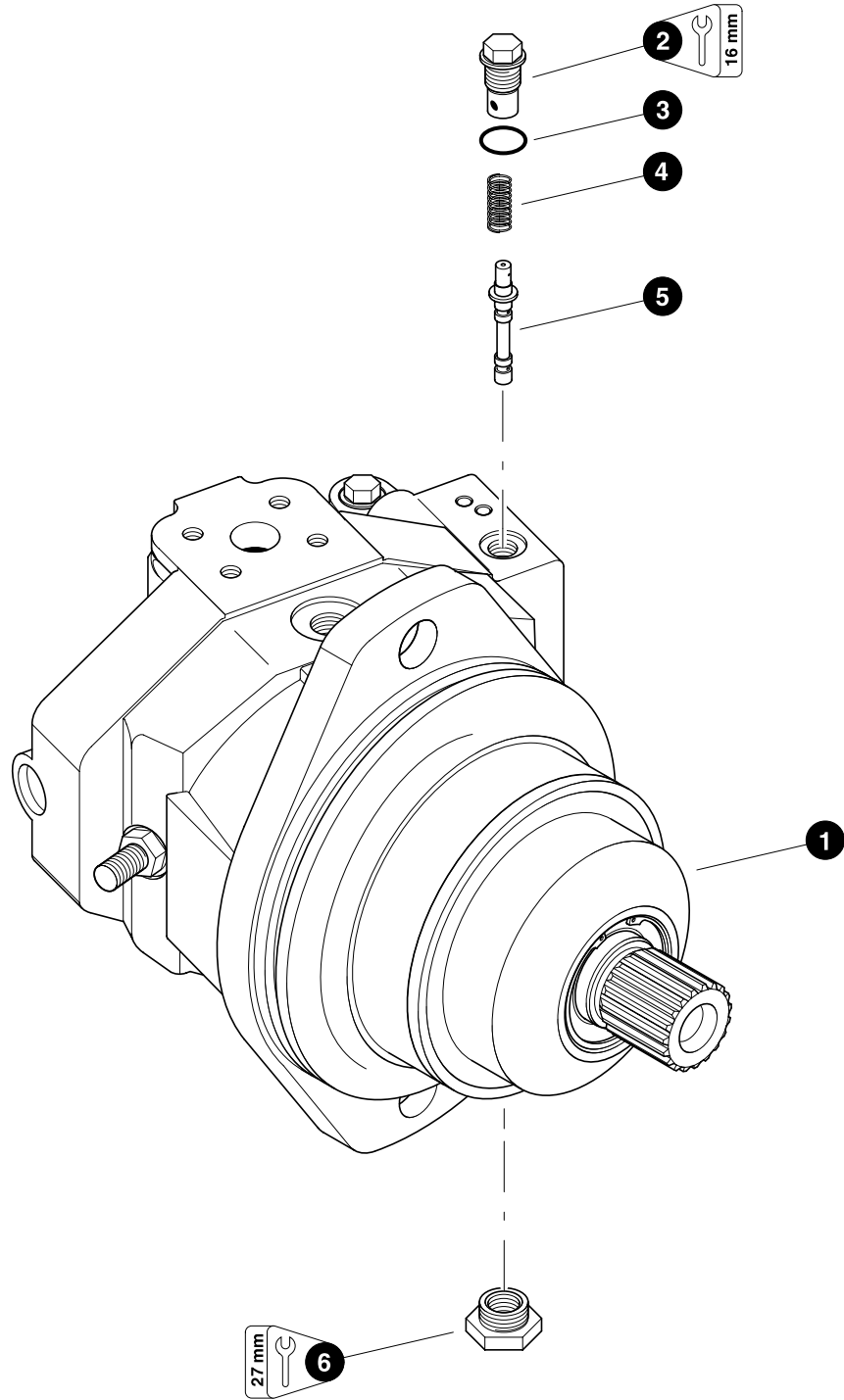


TRACK FRAME ASSEMBLY

(Track Drive Motor / Rexroth)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	25019-TS	1	☐	MOTOR, TRACK - 725/425	
2	21633-TS	1		SCREW	
3	20689-TS	2	⚙	NUT	
4	19525-TS	1	⚙	SEAL	
5	21629-TS	1		SHIM	
6	21631-TS	1		RING	
7	21634-TS	1		SCREW	
-	21635-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE80	
-	21636-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE107	

- ☐ Kit or Assembly - includes all items indented underneath.
 ⚙ Included in seal repair kit part number 21636-TS



Parts 00997 11/20/2000
50.00

TRACK FRAME ASSEMBLY

(Track Drive Motor / Rexroth)

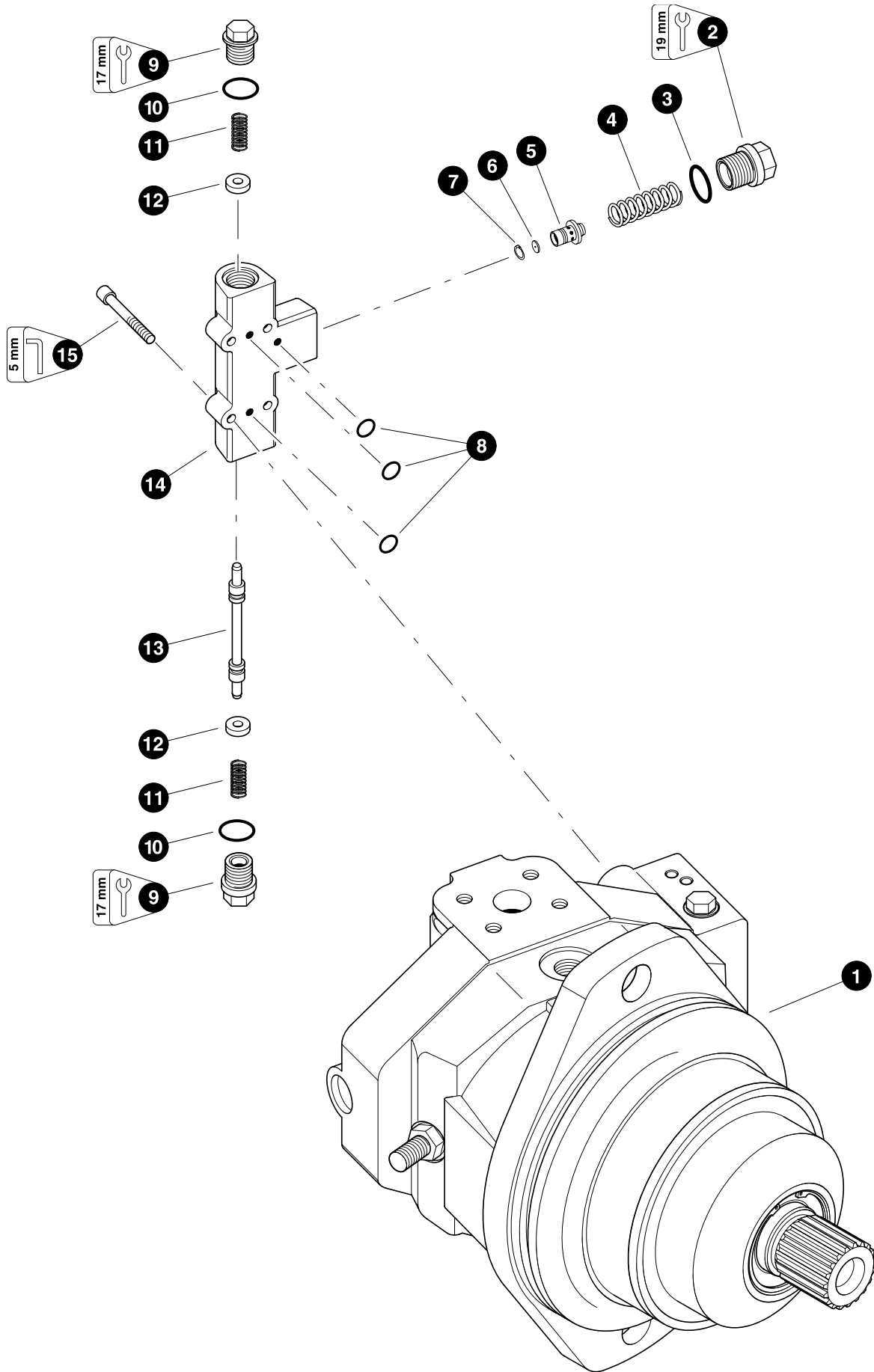
REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1	☐	MOTOR, TRACK 725	TS-2-20
2	21637-TS	1		PLUG, stroker cover	
3	20720-TS	2	⊗	O-RING, Stroker cover plug	
4	21639-TS	1		SPRING, stroker cover	
5	21640-TS	1		SPOOL, stroker cover	
6	21641-TS	1		BUSHING, reducer	
-	21635-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE80	
-	21636-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE107	

☐ Kit or Assembly - includes all items indented underneath.

⊗ Included in seal repair kit part number 21636-TS

☐ Kit or Assembly - includes all items indented underneath.

⊗ Included in seal repair kit part number 21636-TS



TRACK FRAME ASSEMBLY

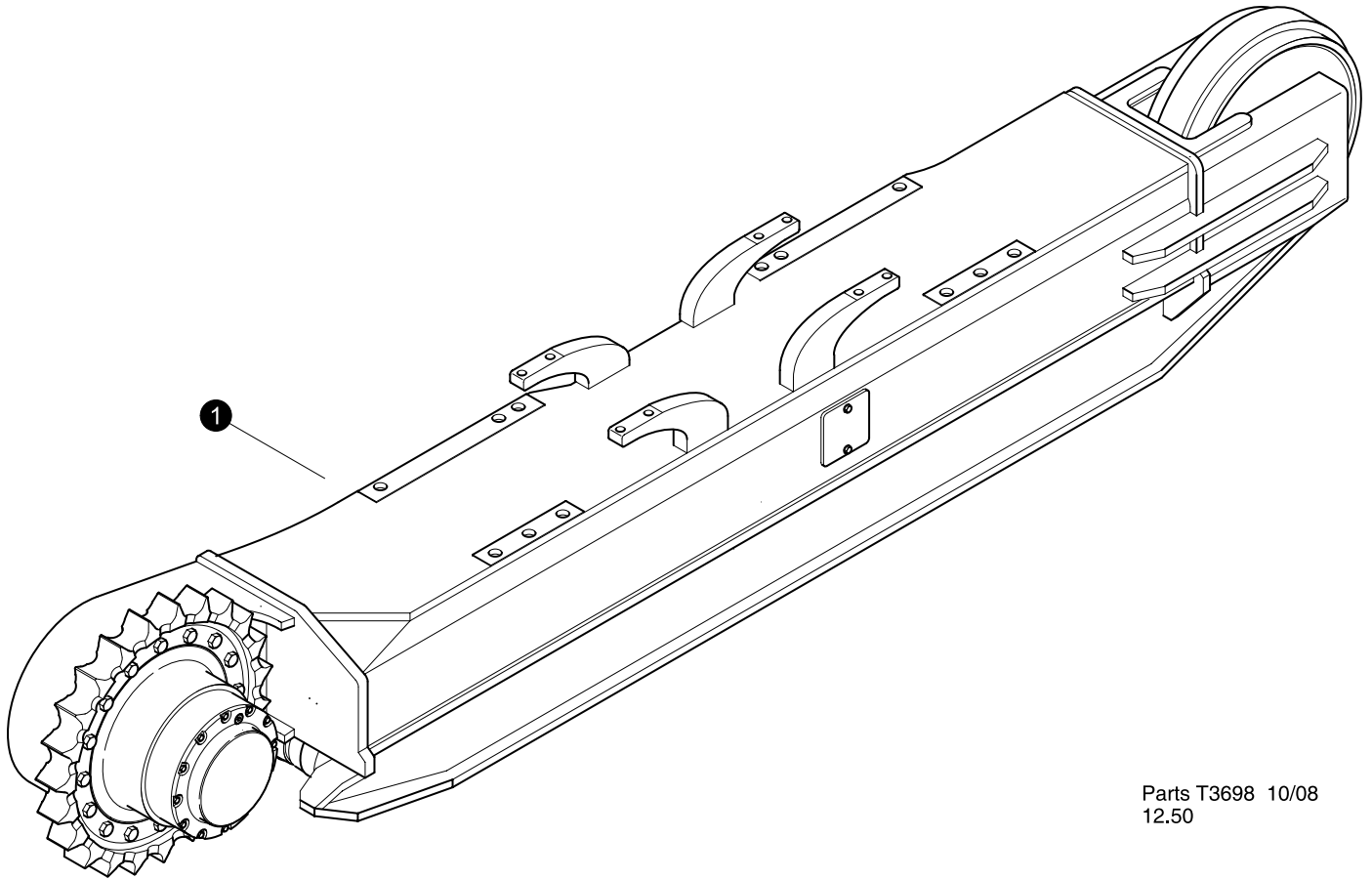
(Track Drive Motor / Rexroth)

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1	☐	MOTOR, TRACK 735/445	TS-2-20
-	21643-TS	1	☐	VALVE, flushing	
2	20691-TS	1		PLUG,	
	21644-TS	1		SHIM	
3	20713-TS	1	⊗	O-RING	
4	20714-TS	1		SPRING	
5	20716-TS	1		POPPET	
6	21645-TS	3		ORIFICE	
7	20718-TS	2		RING	
8	21646-TS	2	⊗	O-RING	
9	20719-TS			PLUG	
10	20720-TS		⊗	O-RING	
11	21647-TS	2		SPRING	
12	20722-TS	2		SPRING, retainer	
13	NSS	1		SPOOL	
14	NSS	1		BODY	
15	21582-TS	4		BOLT	
-	21635-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE80	
-	21636-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE107	

- ☐ Kit or Assembly - includes all items indented underneath.
 ⊗ Included in seal repair kit part number 21636-TS

Section TS-2

Track Systems - 735 Undercarriage

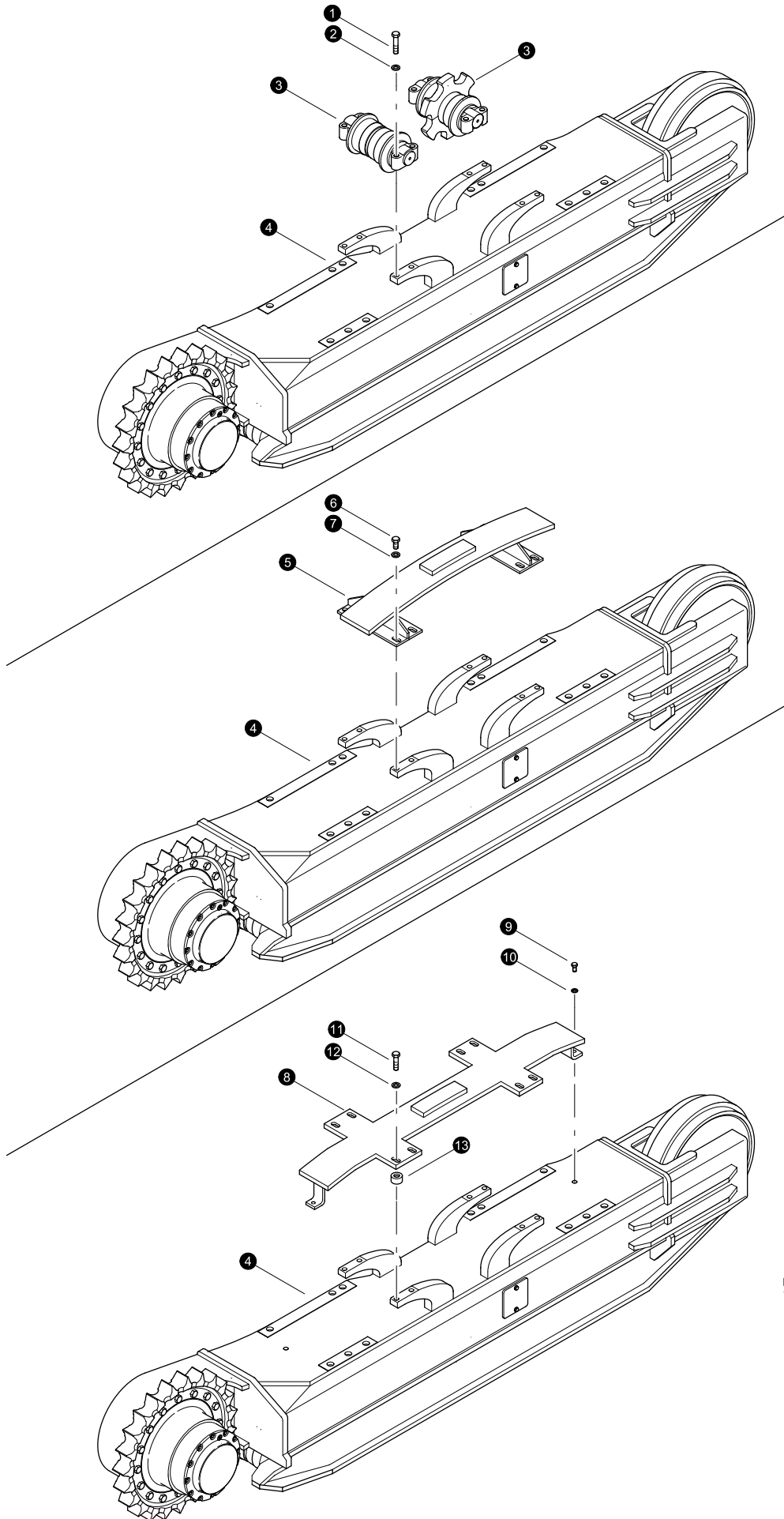


Parts T3698 10/08
12.50

TRACK FRAME ASSEMBLY

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	53066-TS	1	<input type="checkbox"/>	TRACK FRAME SET - CAT 330 (left and right (standard))	
-	-TS	1		Frame, Right Side (299-4160)	
-	-TS	1		Frame, Left Side (299-4161)	

Kit or Assembly - includes all items indented underneath.



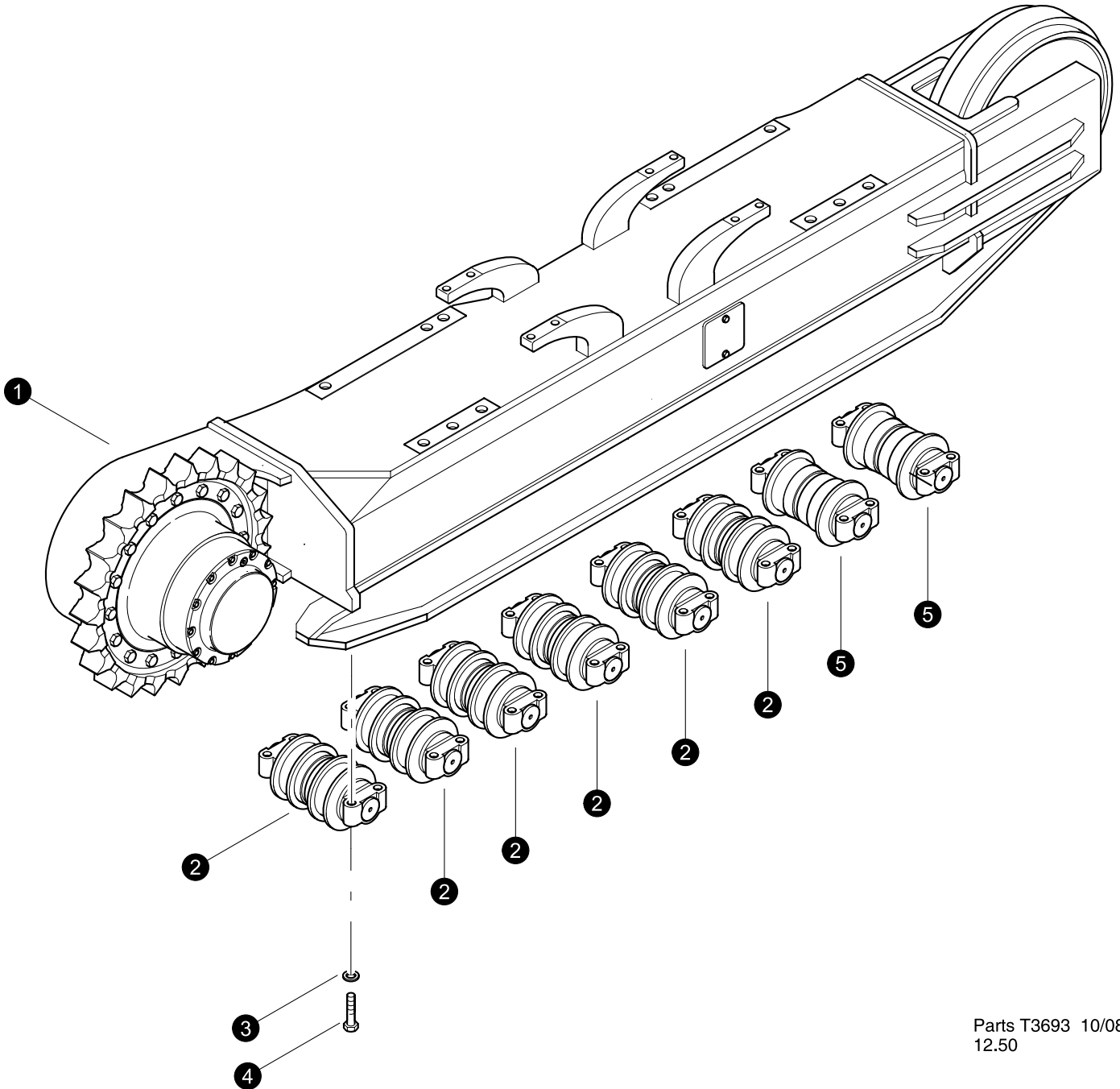
Parts T3692 10/08
12.50

TRACK FRAME ASSEMBLY

(Upper Roller/Slide Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	19925-TS	8	BOLT, ROLLER (330) 24MM 3P X 110MM	
2	19926-TS	8	WASHER, BOLT - ROLLER (330)	
3	53221-TS	2	ROLLER GP - SFLG (330)	
3	53759-TS	2	ROLLER, STAR SFLG (330) optional	
4	REF	1	TRACK FRAME ASSEMBLY	TS-2-2
5	22728-TS	1	SLIDER, track	
6	21444-TS	8	BOLT - 24MM X 2.0P X 50MM	
7	19926-TS	8	WASHER, BOLT - ROLLER (330)	
8	53949-TS	1	SLIDER, TRACK - "Only used on 11'-2" CAR BODY TL735B"	
9	15502-TS	2	BOLT - .625" X 1.5"	
10	10771-TS	2	WASHER, SAE FLAT - .625"	
11	18491-TS	8	BOLT - 24MM X 2.0P X 75MM 10.9	
12	19926-TS	8	WASHER, BOLT	
13	53950-TS	8	SPACER, TRACK SLIDER - 1.62" X 1"	

- Kit or Assembly - includes all items indented underneath.



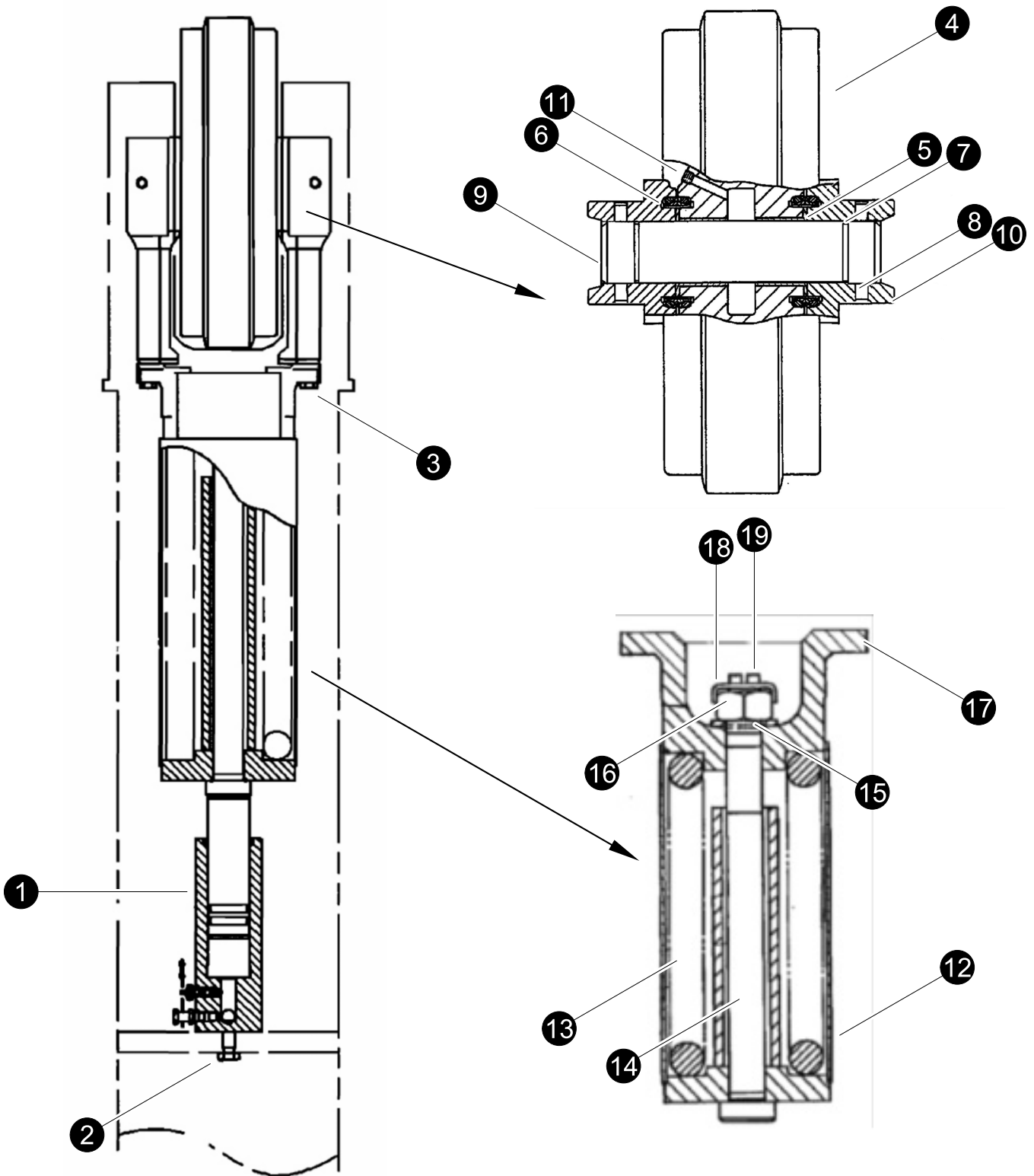
Parts T3693 10/08
12.50

TRACK FRAME ASSEMBLY

(Lower Roller Group Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	TRACK FRAME ASSEMBLY	TS-2
2	53689-TS	6	ROLLER, BOTTOM DOUBLE FLANGE - 330	
3	19923-TS	32	BOLT - BOLT, (Torque to 450 ft lbs (600 Nm))	
4	19924-TS	32	WASHER - HARD	
5	53221-TS	2	ROLLER GP - SFLG (330) 183-2879	

Kit or Assembly - includes all items indented underneath.



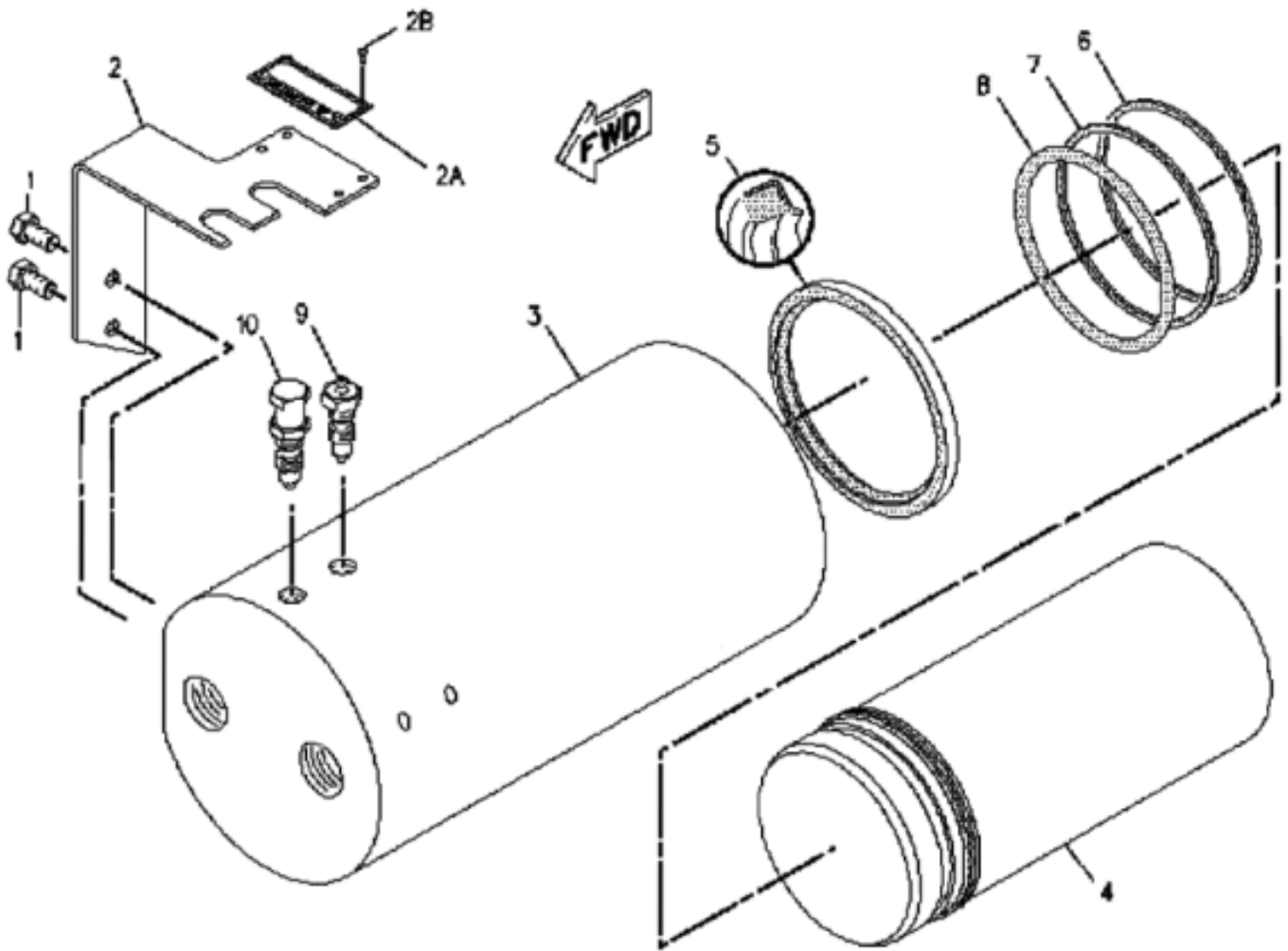
Parts T3695 10/08
12.50

TRACK FRAME ASSEMBLY

(Front Idler Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	IDLER ADJUSTMENT CYLINDER	TS-2-10
2	21459-TS	2	BOLT	
3	21461-TS	4	BOLT	
4	17873-TS	1	<input type="checkbox"/> FRONT IDLER ASSEMBLY	
5	136-3874-TS	1	IDLER WHEEL AS	
6	109-0881-TS	2	SEAL GP	
7	21517-TS	2	SEAL GP	
8	21520-TS	2	PIN	
9	21518-TS	1	SHAFT	
10	21519-TS	2	BEARING	
11	21492-TS	1	PLUG	
12	7Y-1878-TS	1	SUPPORT AS	
13	7Y-1874-TS	1	SPRING	
14	7Y-1872-TS	1	ROD	
15	7Y-1459-TS	1	WASHER	
16	7Y-1460-TS	1	NUT	
17	101-2620-TS	1	SUPPORT	
18	7Y-1221-TS	1	STRIP	
19	8T-9080-TS	2	BOLT	

Kit or Assembly - includes all items indented underneath.



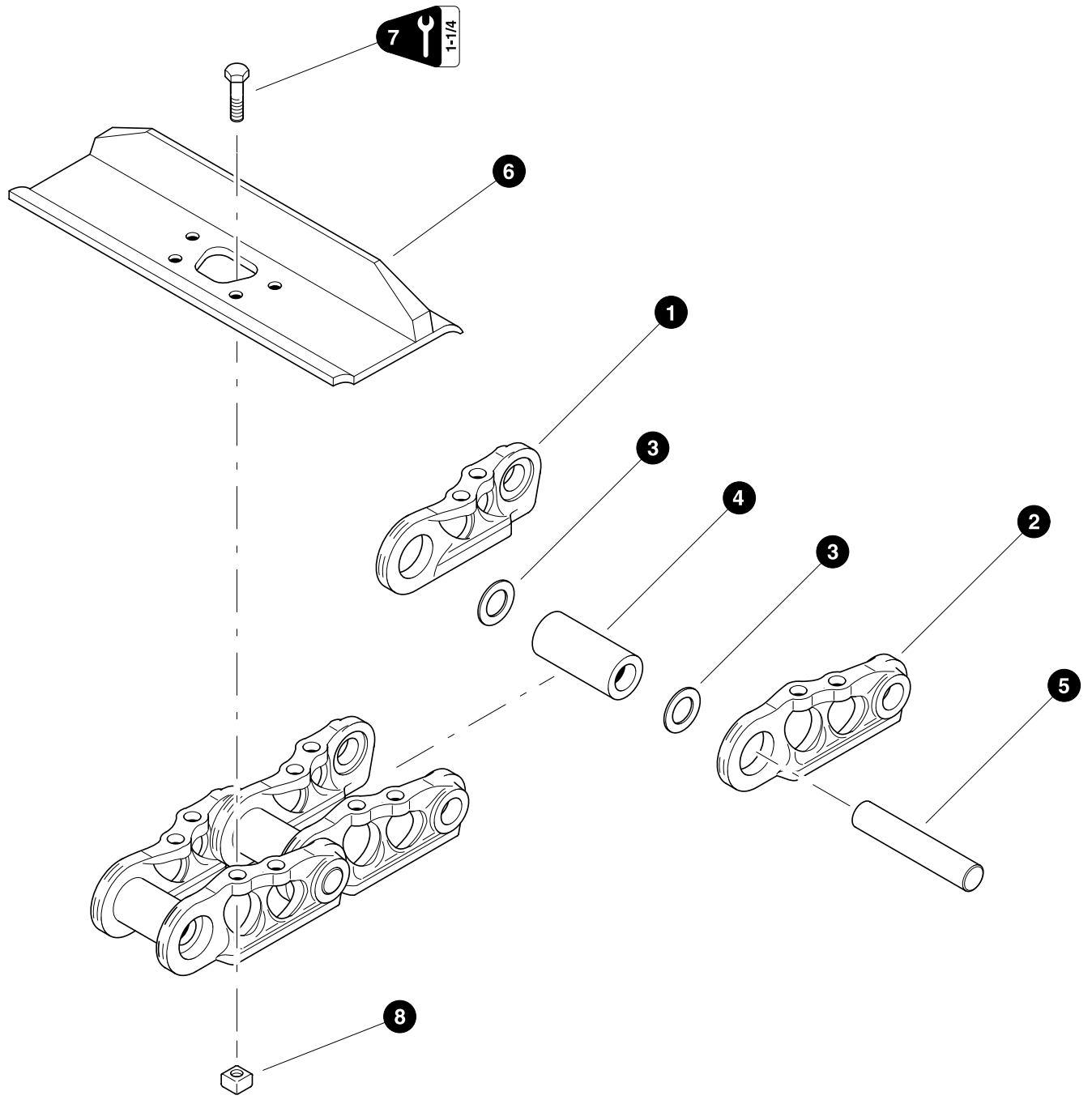
Parts T3696 10/08
12.50

TRACK FRAME ASSEMBLY

(Idler Adjustment Cylinder)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	7Y-1635-TS	1	<input type="checkbox"/> IDLER ADJUSTMENT GROUP	
1	8T-4191-TS	2	BOLT	
2	6I-6550-TS	1	PLATE AS	
3	7Y-1866-TS	1	CYLINDER	
4	7Y-1867-TS	1	PISTON	
5	093-1437-TS	1	SEAL	
6	7Y-1884-TS	2	RING	
7	093-1509-TS	2	RING	
8	248-7178-TS	2	SEAL	
9	095-2927-TS	1	VATSE - FILL	
10	2S-5926-TS	1	VATSE - RELIEF	

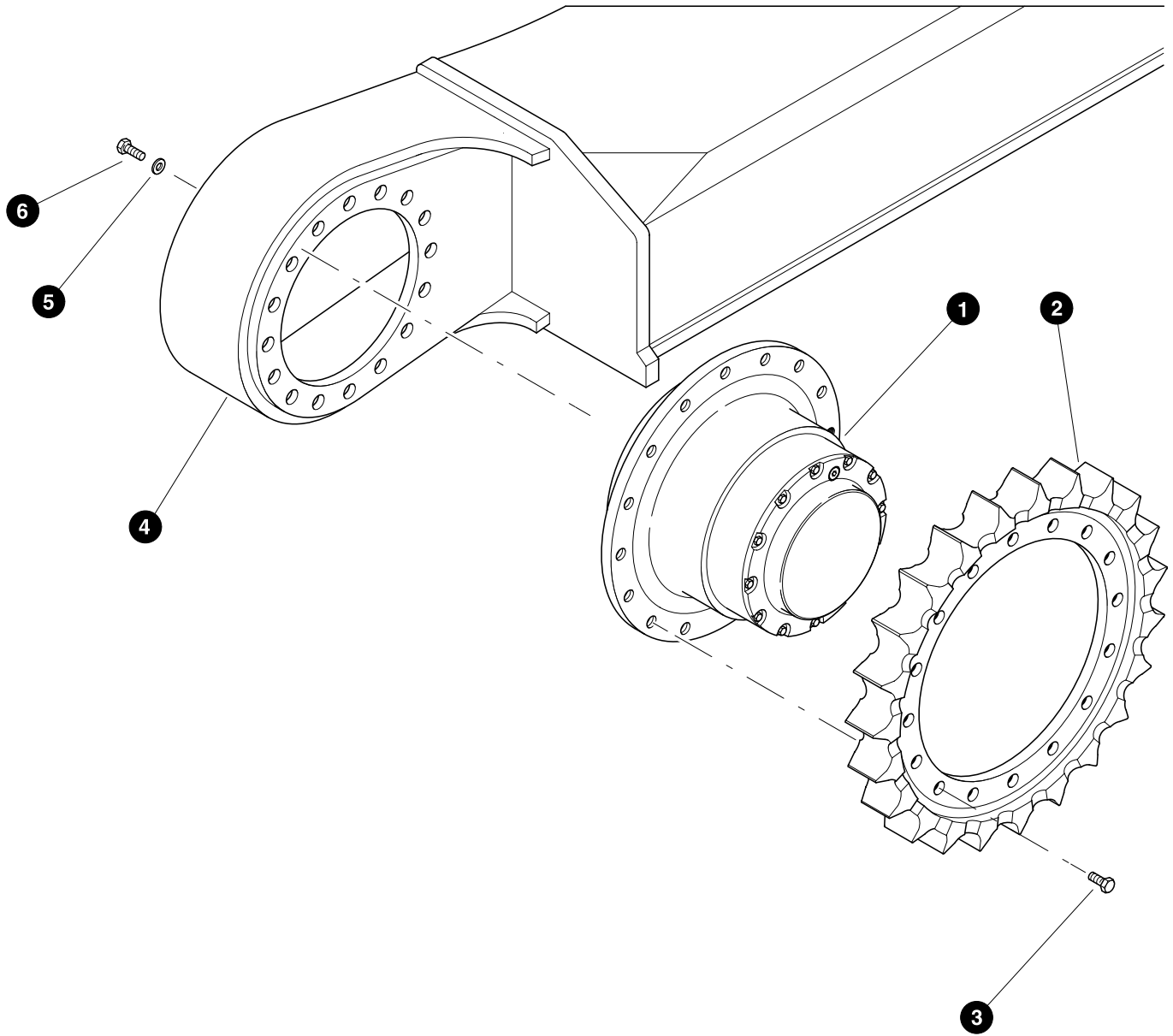
Kit or Assembly - includes all items indented underneath.



**TRACK FRAME ASSEMBLY
(chain and track pads)
Standard - short track**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	53101	1	TRACK, RAIL W/600 SINGLE (45 LINK) D-7	
-	53102	1	TRACK, RAIL W/700 SINGLE (45 LINK) D-7	
-	53271	1	TRACK, RAIL W/700 SG (45LINK) D-7 BERCO	
1	21450-TS	45	LINK (left)	
2	21451-TS	45	LINK (right)	
3	179-3426-TS	88	SEAL, link	
-	179-3428-TS	2	SEAL, master link	
4	201-0827-TS	44	BUSHING,	
-	201-0828-TS	1	BUSHING, master link	
5	21456-TS	44	PIN,	
-	21457-TS	1	PIN, master link	
6	17861-TS	45	SHOE - 600 SINGLE	
-	21055-TS	45	SHOE - 700 SINGLE	
-	-TS	45	SHOE - 700 SINGLE (BERCO)	
7	18354-TS	180	BOLT, TRACK SHOE (Torque to 300 ft lbs (400 Nm))	
8	17864-TS	180	NUT, TRACK SHOE	

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



Parts 00652 09/02/96
12.50

TRACK FRAME ASSEMBLY

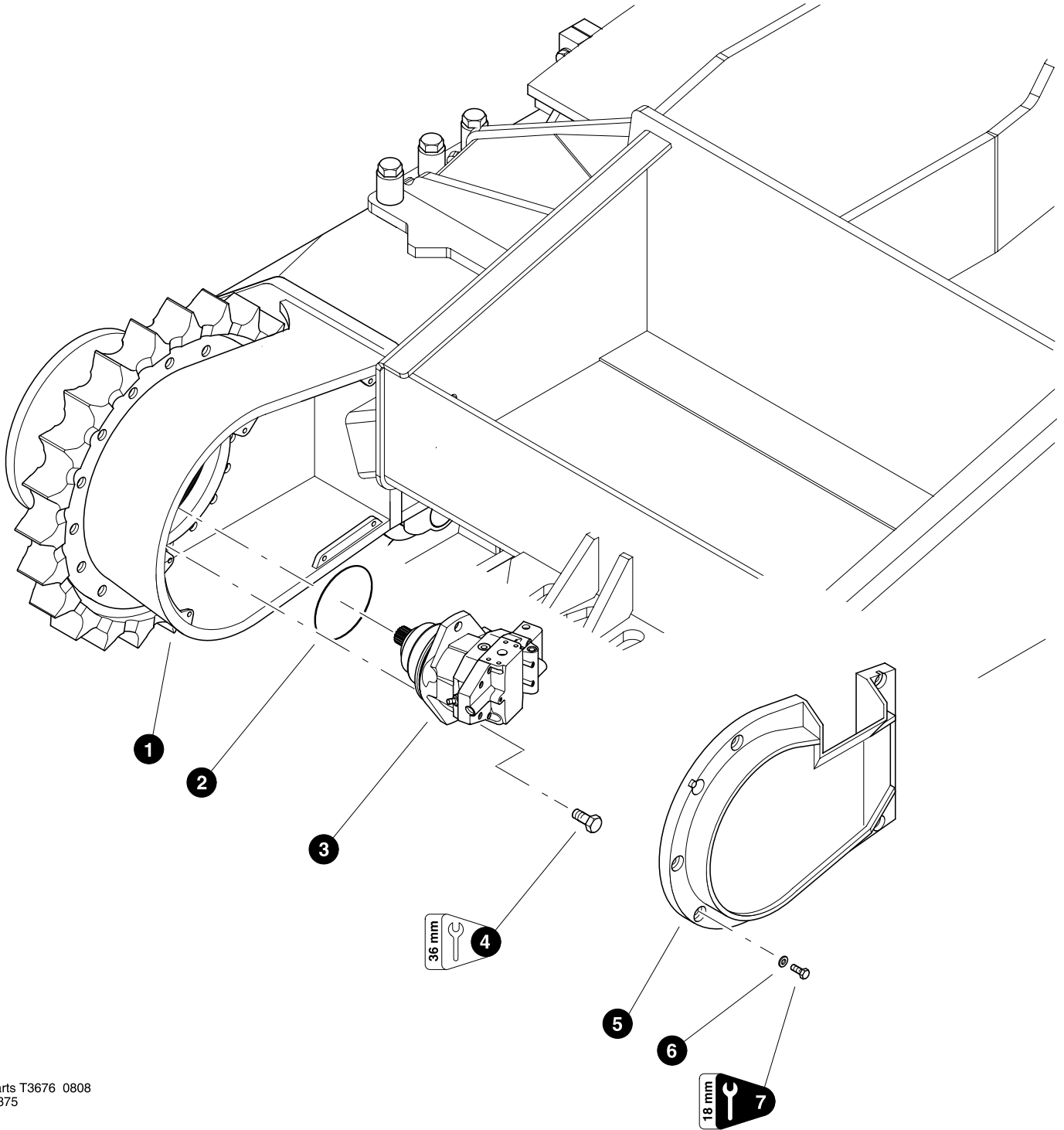
(Final Drive - Installation)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF	1	FINAL DRIVE ASSEMBLY	TS-2-15
2	21443-TS	1	SPROCKET, FINAL DRVE (325)	
3	21444-TS	16	BOLT - 24MM (Torque to 660 ft lbs (900 Nm)) (see note below)	
4	REF	1	TRACK FRAME ASSEMBLY	TS-2-1
5	19926-TS	20	WASHER - HARD 24MM	
6	24535-TS	20	BOLT - 24MM x 80MM (Torque to 660 ft lbs (900 Nm)) (see note below)	

Kit or Assembly - includes all items indented underneath.



NOTE:

Use Loctite 272 (blue / medium) during installation.



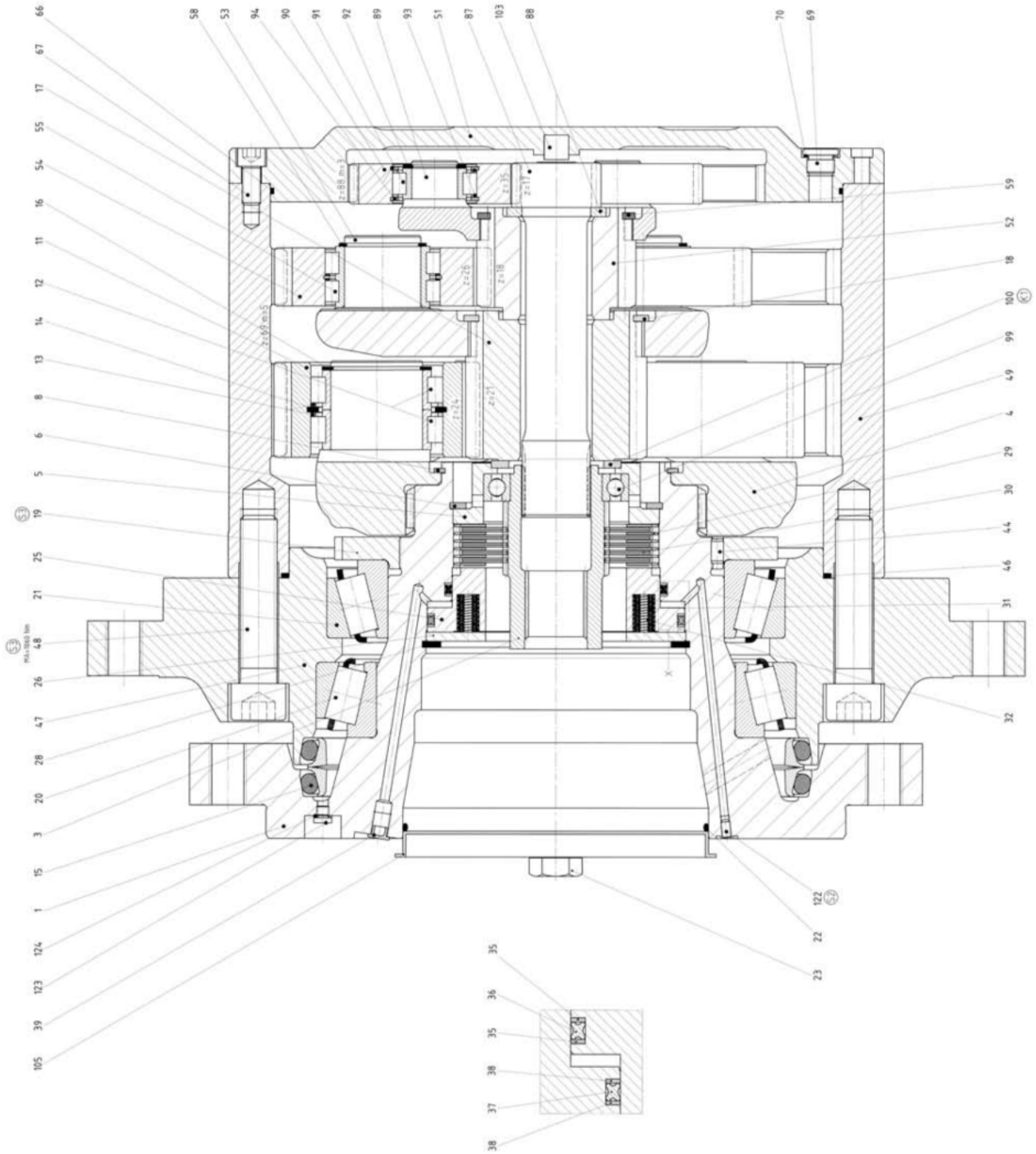
Parts T3676 0808
9.375

Frame Installation

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF.	2		TRACK FRAME ASSEMBLY	TS
2	21713-TS	2		O-RING, Rexroth Motor (Rexroth 16463252)	
3	REF.	2		TRACK HYDRAULIC MOTOR	TS
4	21383-TS	4		BOLT - (Rexroth 16441363)	
5	17870-TS	1		COVER, LEFT MOTOR - 735	
5	17871-TS	1		COVER, RIGHT MOTOR - 735	
6	18735-TS	16		WASHER, FLAT - 12MM	
7	18415-TS	16		BOLT - 12MM-1.75P X 30MM	



See referenced page for component or assembly breakdown.

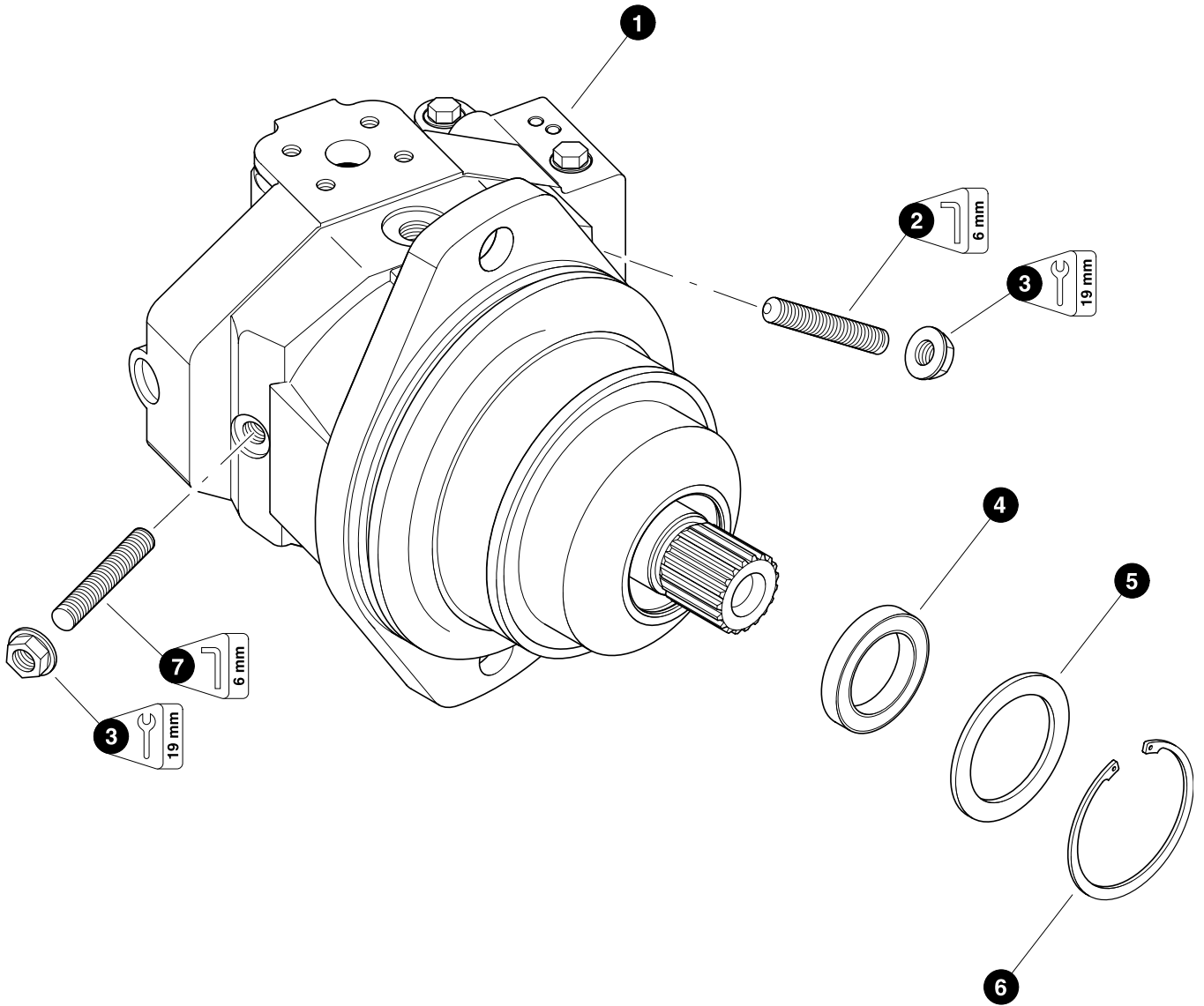


Parts T3699 10/08
12.50

TRACK FRAME ASSEMBLY**(Final Drive - Lohmann/Rexroth)**

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	19860-TS	1	<input type="checkbox"/> FINAL DRIVE ASSY. - 725 (LOH GFT80)	
1	21402	1	SPINDLE	
3	21403	1	COUPLING, spur gear	
4	21404	1	CARRIER, planet - inner	
5	21405	1	PLATE, back-up - brake (Carrier location)	
6	21339	1	RING, snap - brake (Carrier location)	
8	21406	1	RING, snap - inner carrier	
11	21407	1	PLANETARY GEAR SET - inner (Only available as a set of 5 gears)	
12	21408	10	BEARING, roller - inner planetary gear	
13	21409	10	RING, locating - inner planetary gear	
14	21410	1	RING, snap - inner planetary bearing	
15	21411	1	SEAL, face	
16	21412	5	RING, snap - inner planetary gear	
17	21413	1	GEAR, sun - inner	
18	21414	1	RING, snap - inner sun gear	
19	21415	1	NUT, shaft	
20	21416	1	BEARING, tapered roller - inner spindle	
21	21417	1	BEARING, tapered roller - outer spindle	
25	21354	1	PISTON, brake	
26	21355	1	PLATE, back-up - brake (Spindle location)	
28	21356	1	RING, snap - brake (Spindle location)	
31	21418	1	KIT, repair - brake disc (Consists of items #32, 126, 127 on illustration)	
35	21358	1	KIT, repair - brake seal (Consists of items #36, 37 & 38 on illustration)	
39	21359	1	PLUG, cap	
44	21419	2	PIN, dowel	
46	21420	1	O-RING, housing flange	
47	21421	1	FLANGE, housing	
48	21422	24	BOLT, allen head - 24mm x 110mm	
49	21423	1	HOUSING (Also referred to as ring gear)	
51	21424	1	COVER, housing	
52	21425	1	GEAR, sun - outer	
53	21426	1	CARRIER, planet - middle	
54	21427	1	PLANETARY GEAR SET - middle (Only available as a set of 3 gears)	
55	21428	3	BEARING, roller - middle planetary gear	
58	21429	3	RING, snap - middle planetary gear	
59	21430	1	RING, snap - outer sun gear	
66	21431	1	O-RING, housing cover	
67	21432	12	BOLT, socket head - 12mm x 25mm	
69	21371	2	PLUG - 18mm	
70	21372	2	RING, seal - 18mm plug	
87	21433	1	GEAR, spur	
88	21434	1	WASHER, thrust - carrier	
89	21435	1	CARRIER, planet - outer	
90	21436	1	PLANETARY GEAR SET - outer (Only available as a set of 3 gears)	
91	21437	3	BEARING, roller - outer planetary gear	
92	21438	3	RING, snap - outer planetary gear	
93	21439	6	RING, locating - outer planetary gear	
94	21440	6	RING, snap - outer planetary gear	
99	21441	1	BEARING, spur gear coupling	
100	21442	1	WASHER, thrust - sun gear	
103	21368	1	BUTTON, thrust	

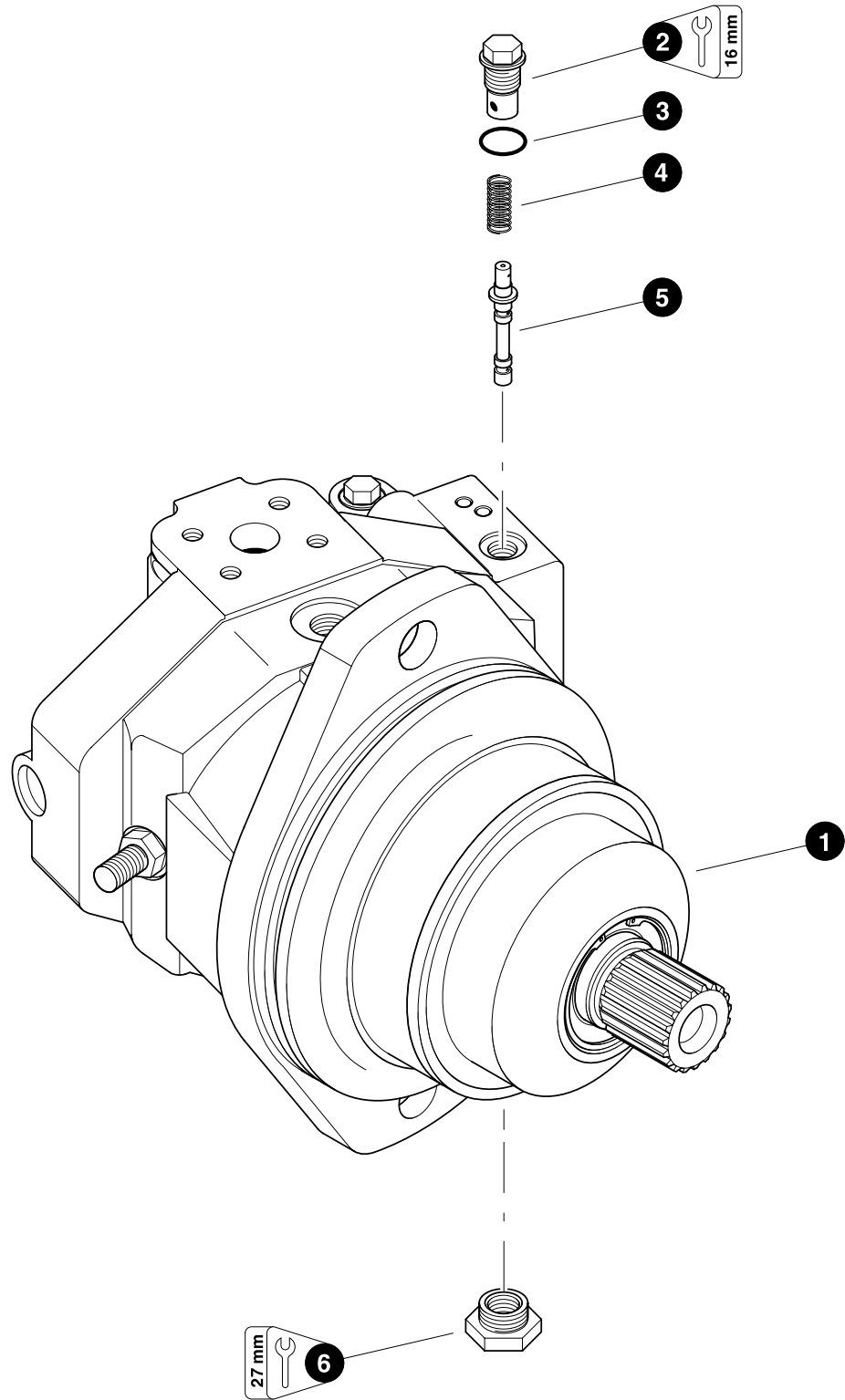
Kit or Assembly - includes all items indented underneath.



TRACK FRAME ASSEMBLY**(Track Drive Motor / Rexroth)**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	21011-TS	1	☐	MOTOR, TRACK 735/445	
2	21633-TS	1		SCREW	
3	20689-TS	2	⊗	NUT	
4	21628-TS	1	⊗	SEAL	
5	21630-TS	1		SHIM	
6	21632-TS	1		RING	
7	21634-TS	1		SCREW	
-	21636-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE107	

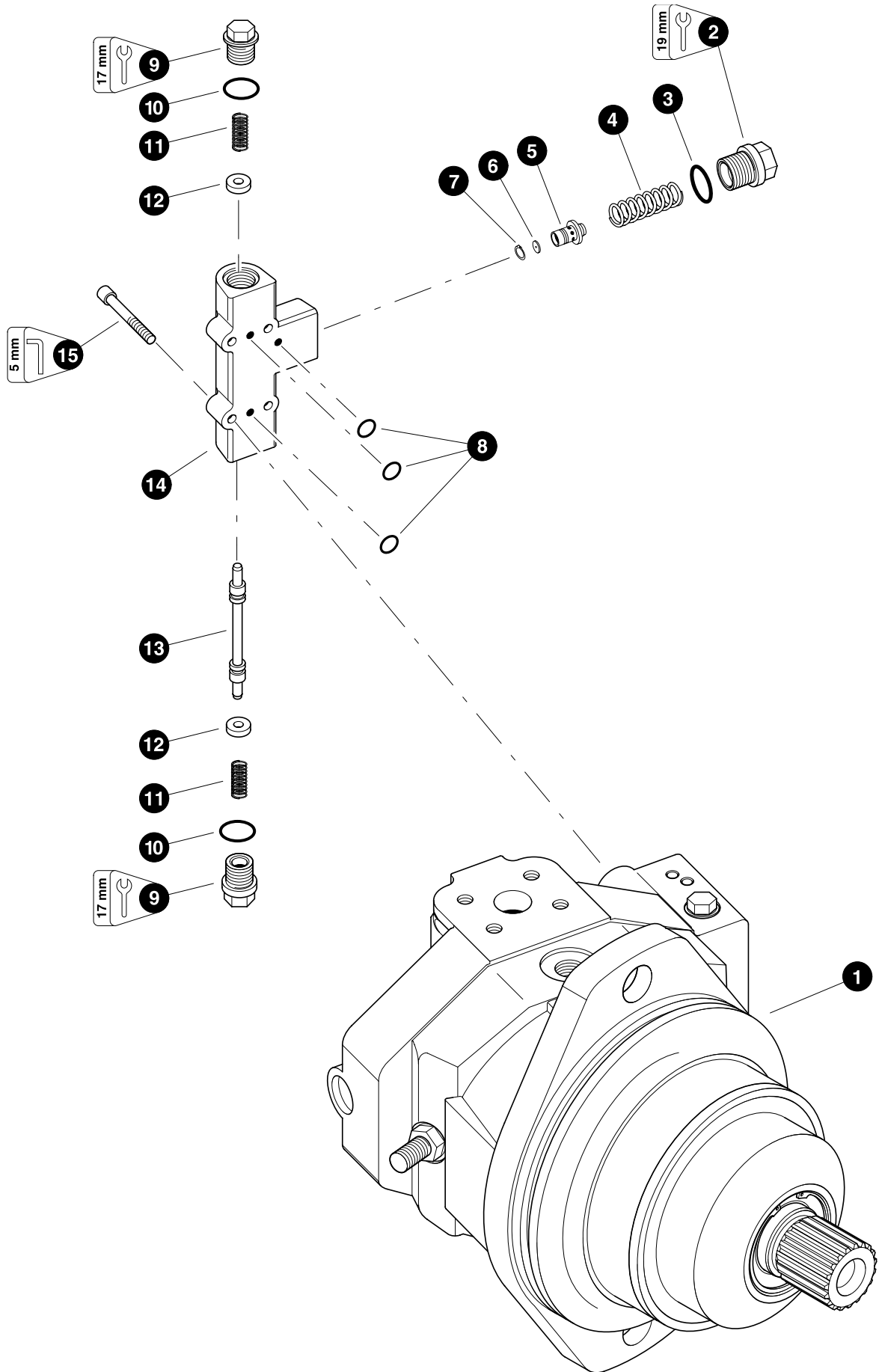
- ☐ Kit or Assembly - includes all items indented underneath.
 ⊗ Included in seal repair kit part number 21636-TS



TRACK FRAME ASSEMBLY**(Track Drive Motor, Rear Port Components)**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1	☐	MOTOR, TRACK 735/445	TS-2-20
2	21638-TS	1		PLUG, stroker cover	
3	20720-TS	2	⊗	O-RING, Stroker cover plug	
4	21639-TS	1		SPRING, stroker cover	
5	21640-TS	1		SPOOL, stroker cover	
6	21642-TS	1		BUSHING, reducer	
-	21636-TS	1		KIT, SEAL REPAIR - REXROTH AA6VE107	

- ☐ Kit or Assembly - includes all items indented underneath.
 ⊗ Included in seal repair kit part number 21636-TS



TRACK FRAME ASSEMBLY**(Track Drive Motor, Flushing Valve)**

REF	PART #	QTY		DESCRIPTION	SEE SECTION
1	REF	1	☐	MOTOR, TRACK 735/445	TS-2-20
-	21643-TS	1	☐	VALVE, flushing	
2	20691-TS	1		PLUG,	
	21644-TS	1		SHIM	
3	20713-TS	1	⊗	O-RING	
4	20714-TS	1		SPRING	
5	20716-TS	1		POPPET	
6	21645-TS	3		ORIFICE	
7	20718-TS	2		RING	
8	21646-TS	2	⊗	O-RING	
9	20719-TS			PLUG	
10	20720-TS		⊗	O-RING	
11	21647-TS	2		SPRING	
12	20722-TS	2		SPRING, retainer	
13	NSS	1		SPOOL	
14	NSS	1		BODY	
15	21582-TS	4		BOLT	

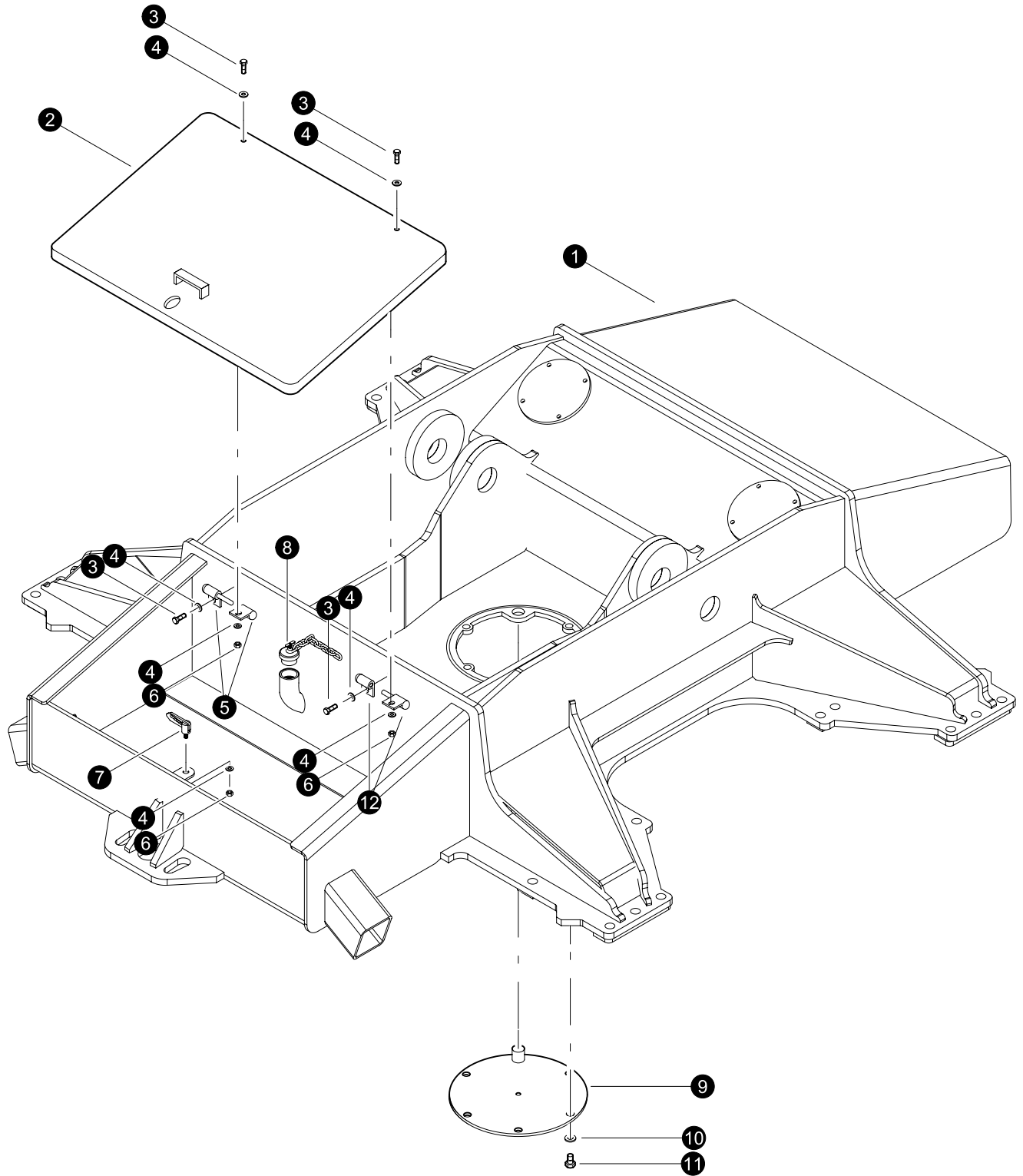
- 21636-TS 1 KIT, SEAL REPAIR - REXROTH AA6VE107

☐ Kit or Assembly - includes all items indented underneath.

⊗ Included in seal repair kit part number 21636-TS

Section LV-1

Leveling Track Frame - Frame and Covers

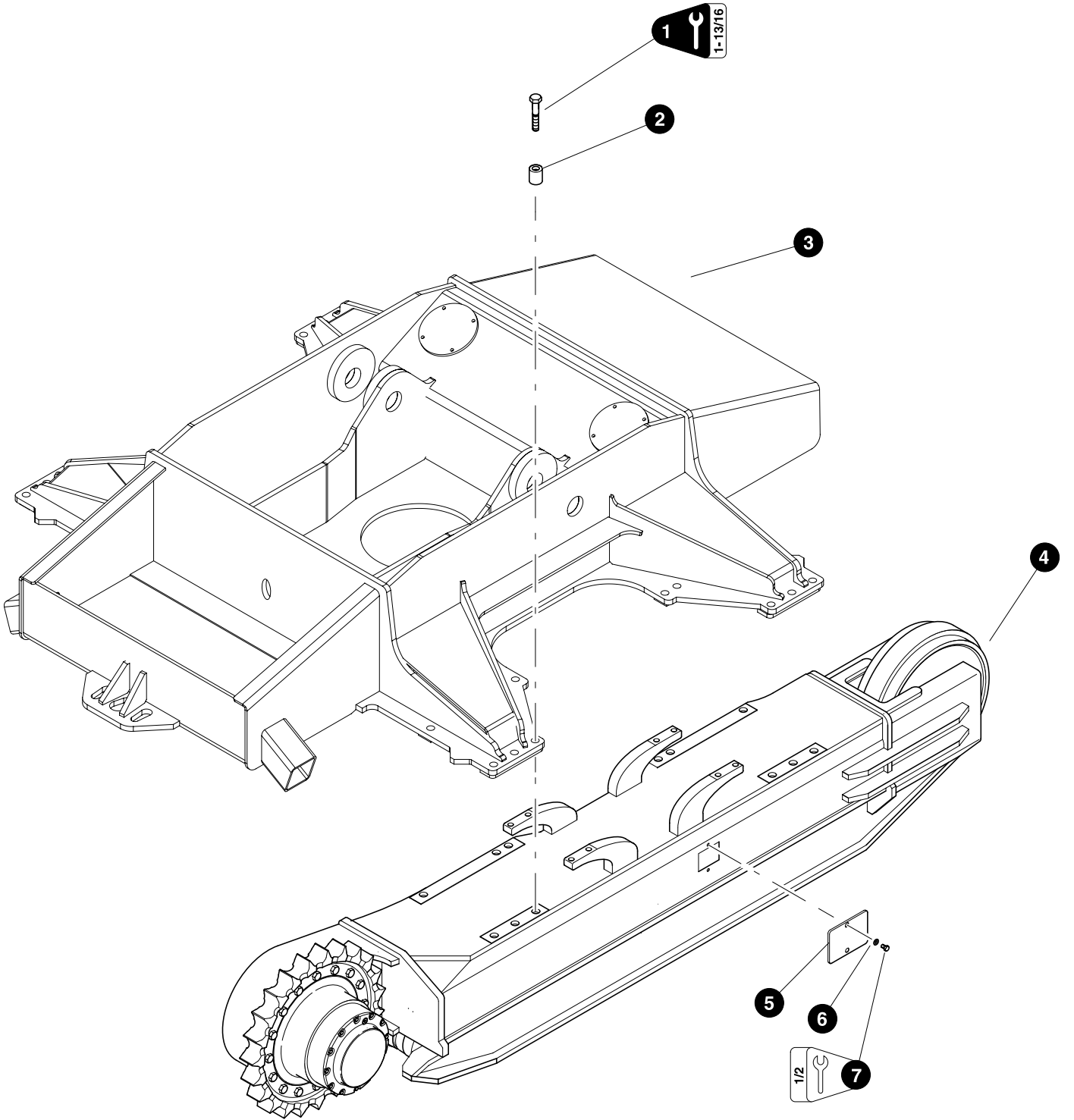


Parts T3671 0808
9,375

Frame and Covers (General)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52553-LV	1	CARBODY, TRACK MACHINE - LEVELING	
2	53227-LV	2	LID, TRUNK LEVELING (machine TL725B-0008082808 and Before)	
-	53228-LV	2	LID, TRUNK LEVELING (after machine TL725B-0008082808 to Current)	
3	10783-LV	4	BOLT - 1/2" x 1"	
4	15534-LV	7	WASHER, SAE flat - 1/2"	
5	53671-LV	1	HINGE, ASSEMBLY-LEV T/M TRUNK L.H.	
6	10815-LV	3	NUT, LOCK - .5"	
7	51883-LV	1	LATCH, CAM - 1.5" FRONT DOOR 630/830	
8	53728-LV	1	CAP, EXPANDABLE - AUX OIL TANK (TRACK)	
9	43285-LV	1	PLATE, COVER BOTTOM (following parts listed below need to fitted and welded after installtion)	
-	43290-LV	1	SHAFT, COVER PIVOT	
-	12021-LV	1	WASHER, PIVOT STOP	
10	15502-LV	5	BOLT - .625" X 1.5"	
11	10771-LV	5	WASHER, SAE FLAT - .625"	
12	53230-LV	1	HINGE, ASSEMBLY-LEV T/M TRUNK RH	


Kit or Assembly - includes all items indented underneath.



Parts T3671 0808
9.375

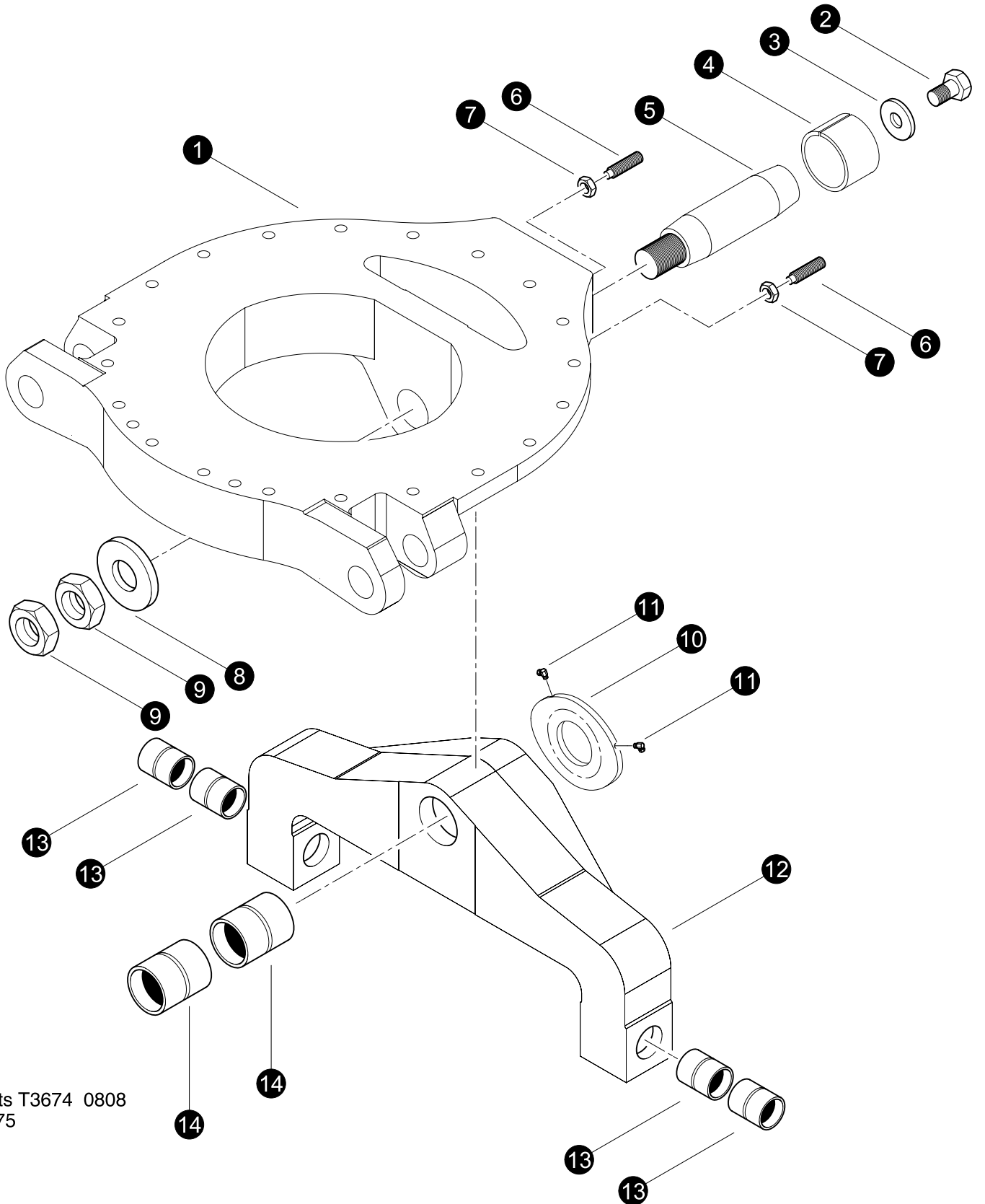
Frame Installation

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53139-LV	24	BOLT - 30MM-3.5 X 140MM 12.9 (Torque to 1000 ft lbs - 1355 Nm)	
2	12464-LV	24	SPACER, BOLT - CARBODY	
3	REF.	1	 FRONT FRAME WELDMENT.	LV-1
4	REF.	1	 TRACK FRAME ASSEMBLY	TS
5	187-8496	2	COVER, Track Frame - 725	
5	272-5539	2	COVER, Track Frame - 735	
6	15534-LV	4	WASHER, SAE FLAT - .5"	
7	15551-LV	4	BOLT - 12MM-1.75P X 40MM	

 See referenced page for component or assembly breakdown.

Section LV-2

Leveling Track Frame - Leveling Components



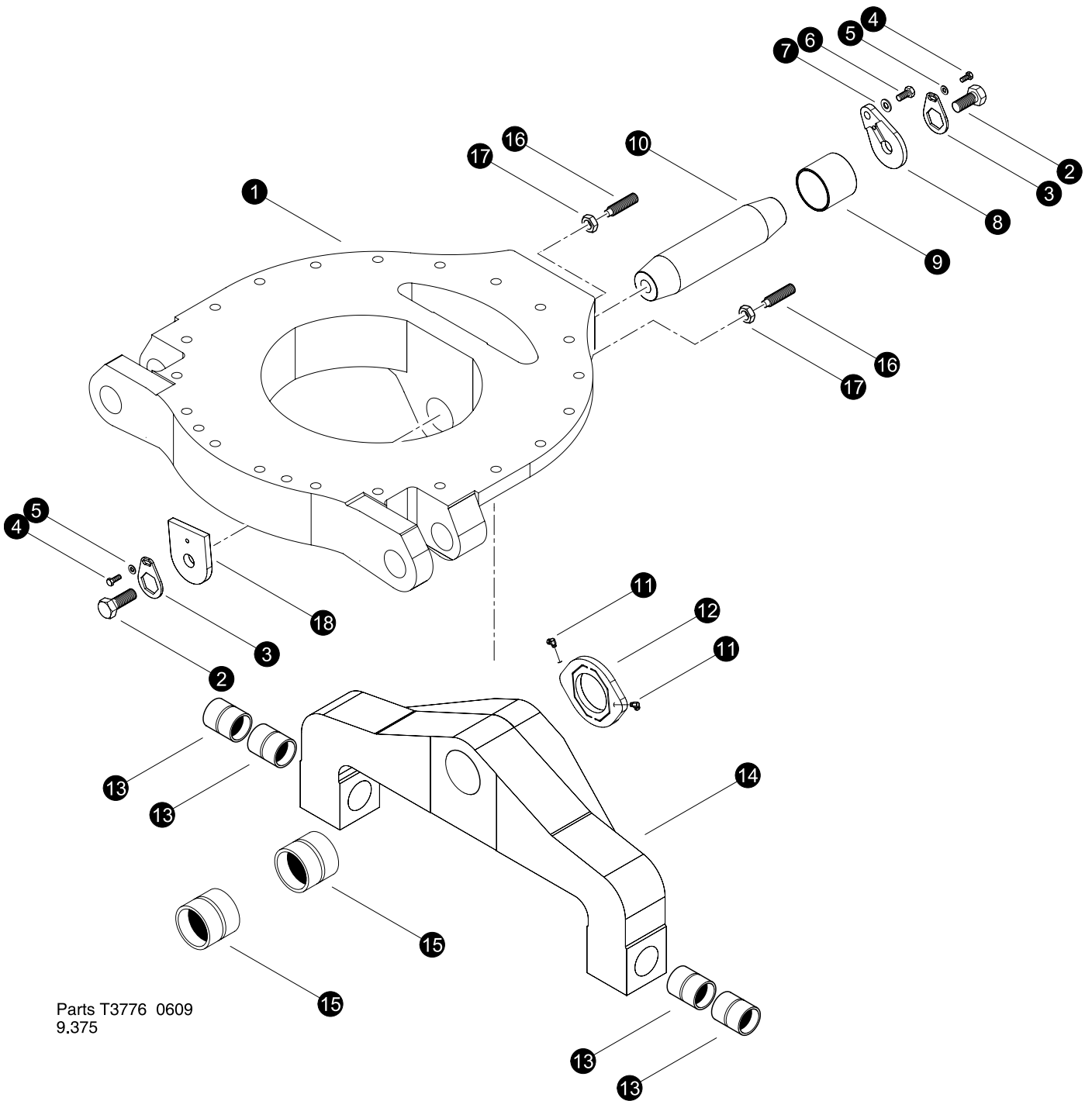
Parts T3674 0808
9.375

Leveling Components (General)

“Old Style Discontinued”

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52510-LV	1	CASTING, MACHINED LOWER TURNTABLE	
2	53104-LV	1	BOLT - 1.5-6NC" X 3"	
3	19613-LV	1	WASHER, SAE FLAT - 1.5" (EXTRA THICK)	
4	52559-LV	1	HUB, TAPER - 4.50"x 10 DEG	
5	52562-LV	1	PIN - 4.5" X 19.38" DBL TAPERED TLVD.	
6	53714-LV	2	SCREW, SET - 1" X 4.38" CHAMFERED END	
7	15671-LV	2	NUT, JAM - 1"	
8	19384-LV	1	WASHER, BURNED - 2.12" ID X 6" OD X .5"	
9	10791-LV	2	NUT, JAM - 2"-12NF -	
10	52589-LV	1	PLATE, SLACK ADJUSTMENT FRONT	
11	15657-LV	2	ELBOW, 90 SWIVEL - 1501-2-2	
12	52513-LV	1	<input type="checkbox"/> LEVELER, INTERMEDIATE SECTION	
13	52522-LV	4	BUSHING - 3.75" X 3.25" X 3.0"	
14	52523-LV	2	BUSHING - 5.0" X 4.5" X 4.25"	

Kit or Assembly - includes all items indented underneath.



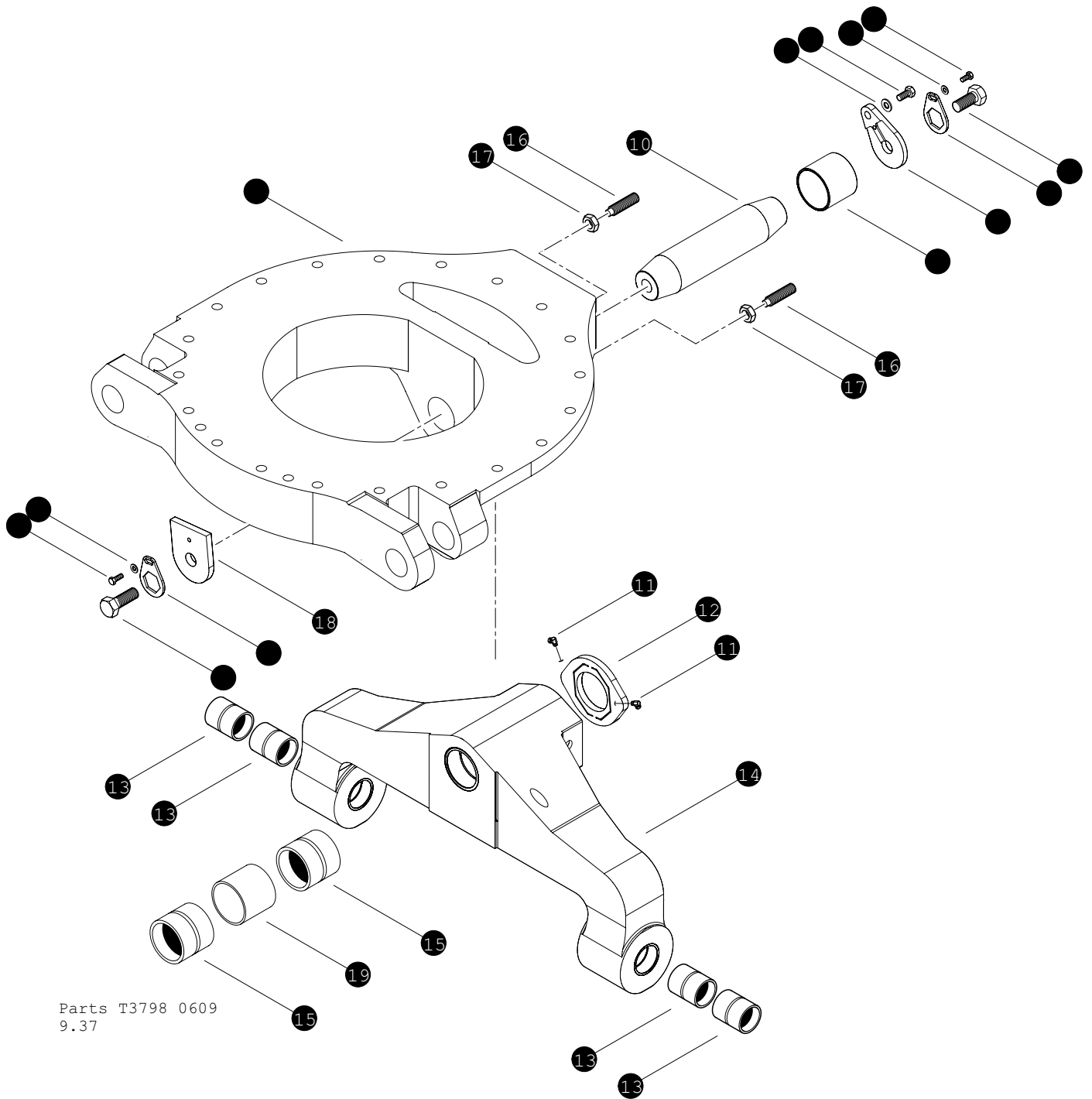
Parts T3776 0609
9.375

Leveling Components (General)

Machine 725B-0028-080709 and Before

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52510-LV	1	CASTING, MACHINED LOWER TURNTABLE	
2	53104-LV	2	BOLT - 1.5-6NC" X 3"	
3	43740-LV	2	PIN LOCK, 2.25 HEX	
4	10783-LV	2	BOLT - .5" X 1"	
5	15534-LV	2	WASHER, SAE FLAT - .5"	
6	10839-LV	1	BOLT - .75" X 1.5"	
7	15550-LV	1	WASHER, SAE FLAT - .75"	
8	43742-LV	1	EAR, PIN LOCK BASE	
9	52559-LV	1	HUB, TAPER - 4.50"x 10 DEG	
10	53821-LV	1	PIN - 4.5" X 16.62" DBL TAPERED THD.VOID	
11	15657-LV	2	ELBOW, 90 SWIVEL - 1501-2-2	
12	52589-LV	1	PLATE, SLACK ADJUSTMENT FRONT	
13	52523-LV	4	BUSHING - 5.0" X 4.5" X 4.25"	
14	52513-LV	1	LEVELER, INTERMEDIATE SECTION	
15	52523-LV	2	BUSHING - 5.0" X 4.5" X 4.25"	
16	53714-LV	2	SCREW, SET - 1" X 4.38" CHAMFERED END	
17	15671-LV	2	NUT, JAM - 1"	
18	43741-LV	1	EAR, .75 THICK	

Kit or Assembly - includes all items indented underneath.



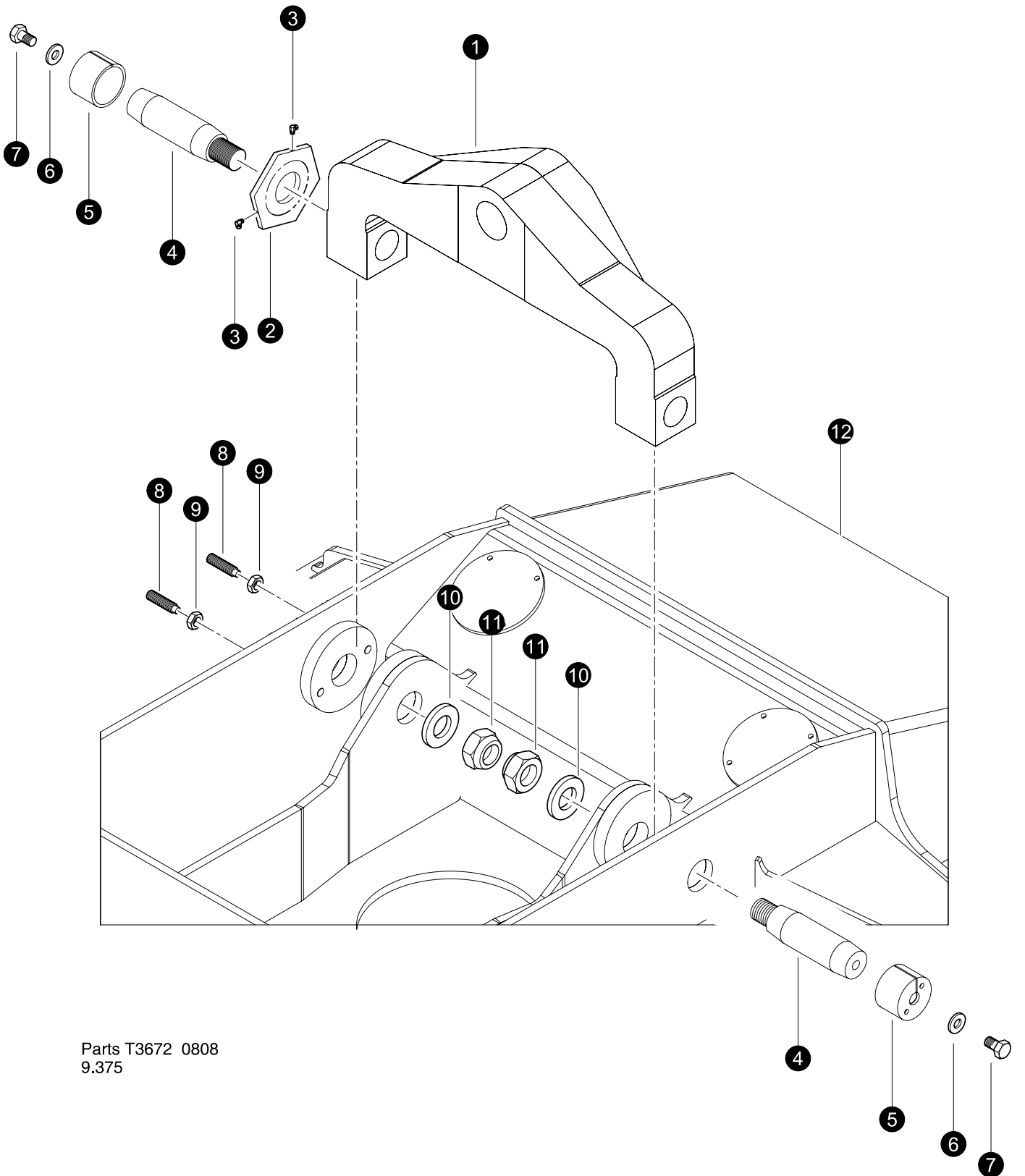
Parts T3798 0609
9.37

Leveling Components (General)



Machine 735B-0029 and After


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53861-LV	1	CASTING, MACHINED LOWER TURNTABLE +3	
2	53104-LV	2	BOLT - 1.5-6NC" X 3"	
3	43740-LV	2	PIN LOCK, 2.25 HEX	
4	10783-LV	2	BOLT - .5" X 1"	
5	15534-LV	2	WASHER, SAE FLAT - .5"	
6	10839-LV	1	BOLT - .75" X 1.5"	
7	15550-LV	1	WASHER, SAE FLAT - .75"	
8	43742-LV	1	EAR, PIN LOCK BASE	
9	52559-LV	1	HUB, TAPER - 4.50"x 10 DEG	
10	53853-LV	1	PIN - 4.5" X 19.62" DBL TAPERED THD. +3"	
11	15657-LV	2	ELBOW, 90 SWIVEL - 1501-2-2	
12	52589-LV	1	PLATE, SLACK ADJUSTMENT FRONT	
13	52522-LV	4	BUSHING - 3.75" X 3.25" X 3.0"	
14	53860-LV	1	LEVELER, INTERMEDIATE SECTION +3	
15	52523-LV	2	BUSHING - 5.0" X 4.5" X 4.25"	
16	53714-LV	2	SCREW, SET - 1" X 4.38" CHAMFERED END	
17	15671-LV	2	NUT, JAM - 1"	
18	43741-LV	1	EAR, .75 THICK	
19	54532-LV	1	SPACER,	

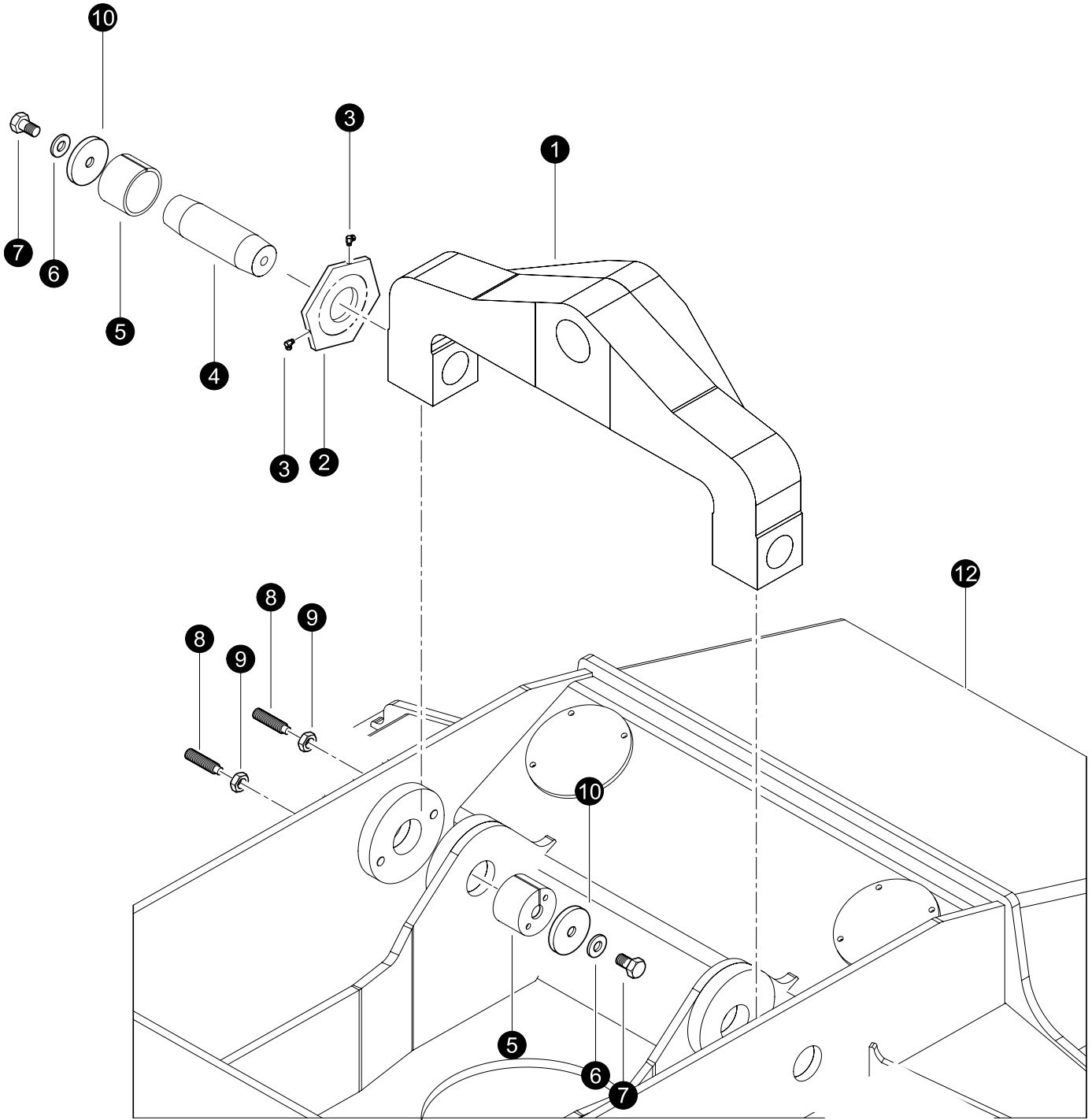
Kit or Assembly - includes all items indented underneath.



Leveling Yoke Installation



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 LEVELING YOKE	LV-2
2	52588-LV	1	PLATE, SLACK ADJUSTMENT SIDE	
3	15657-LV	2	ELBOW, 90 SWIVEL - 1501-2-2	
4	52560-LV	2	PIN - 3.25" X 13.63" DBL TAPERED THD	
5	52558-LV	2	HUB, TAPER - 3.25"x 7 DEG	
6	15552-LV	2	BOLT - 1" X 2.5"	
7	52638-LV	2	WASHER, BURNED - 1 1/16" X 3" x 1/2"	
8	53714-LV	2	SCREW, SET - 1" X 4.38" CHAMFERED END	
9	15671-LV	2	NUT, JAM - 1"	
10	12021-LV	2	WASHER, BURNED	
11	10728-LV	1	NUT, NYLOCK - 2" (ZINC PLATED)	
12	REF.	1	 LEVELING TRACK CARBODY	LV-1

 See referenced page for component or assembly breakdown.

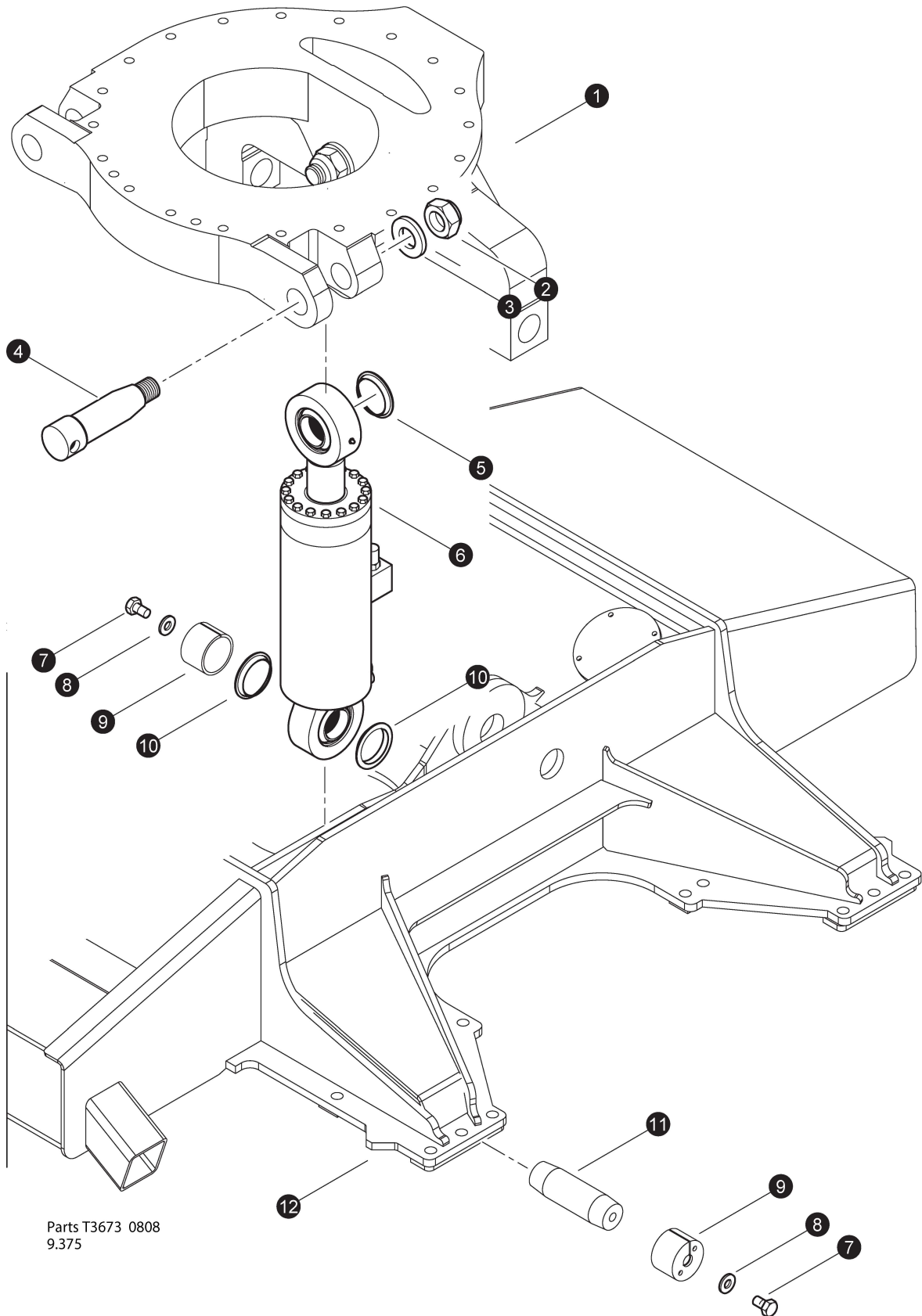


Parts T3896 0512
9.375

Leveling Cylinder Installation




REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 LEVELING YOKE	LV-2
2	52588-LV	1	PLATE, SLACK ADJUSTMENT SIDE	
3	15657-LV	2	ELBOW, 90 SWIVEL - 1501-2-2	
4	53820-LV	2	PIN - 3.25" X 11.12" DBL TAPERED THD CUR	
5	52558-LV	2	HUB, TAPER - 3.25"x 7 DEG	
6	15552-LV	2	BOLT - 1" X 2.5"	
7	52638-LV	2	WASHER, BURNED - 1 1/16" X 3" x 1/2"	
8	53714-LV	2	SCREW, SET - 1" X 4.38" CHAMFERED END	
9	15671-LV	2	NUT, JAM - 1"	
10	53764-LV	2	WASHER, BURNED	
11	10728-LV	1	NUT, NYLOCK - 2" (ZINC PLATED)	
12	REF.	1	 LEVELING TRACK CARBODY	LV-1

 See referenced page for component or assembly breakdown.



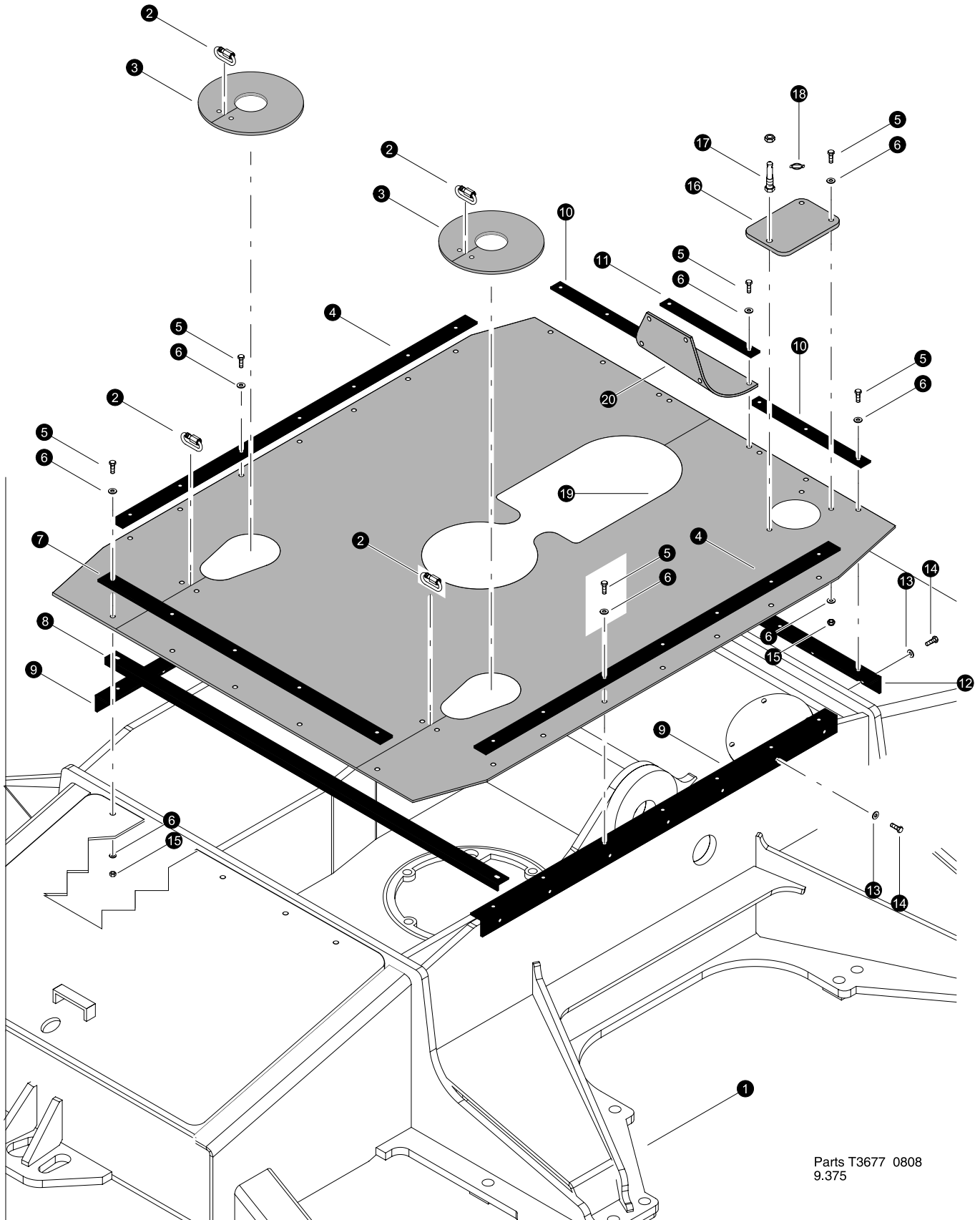
Parts T3673 0808
9.375

Leveling Cylinder Installation

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 LOWER TURNTABLE	LV-2
2	10728-LV	2	NUT, nylock - 2"	
3	12021-LV	2	WASHER, burned	
4	52520-LV	2	PIN, PIVOT LEVELING 3.25" X 15.5"	
5	52521-LV	4	SPACER - 4.50" X .700"	
6	REF.	2	 LEVEL CYLINDER	LV-3
7	15552-LV	4	BOLT - 1" X 2.5"	
8	52638-LV	4	WASHER, BURNED - 1 1/16" X 3" x 1/2"	
9	52558-LV	4	HUB, TAPER - 3.25"x 7 DEG	
10	52565-LV	4	SPACER - 3.25" X 1.00"	
11	52561-LV	2	PIN - 3.25" X 8.0" DBL TAPERED-CYL BASE	
12	REF.	1	 LEVELING TRACK CARBODY	LV-1




See referenced page for component or assembly breakdown.



Parts T3677 0808
9.375

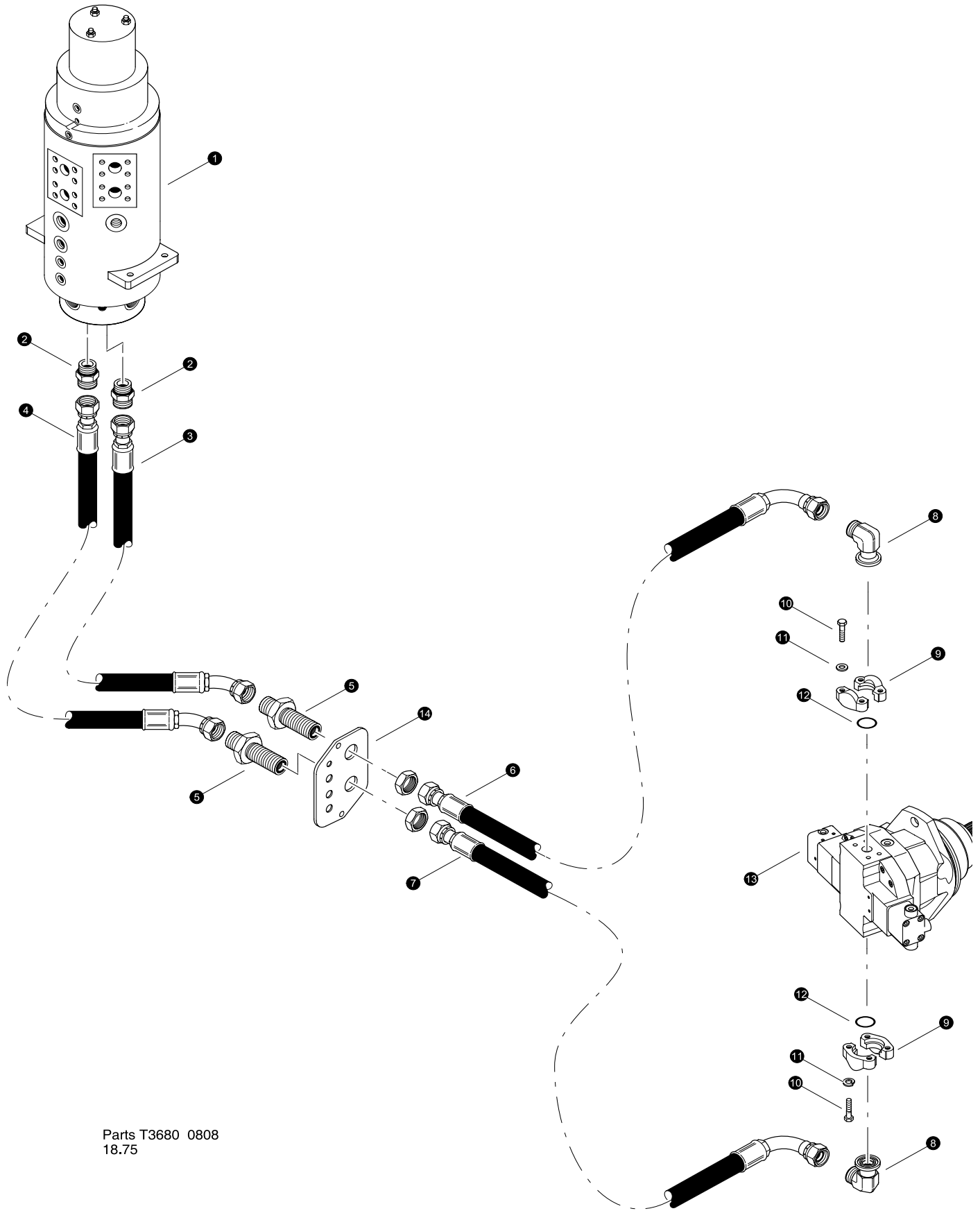
Debris Shield Installation

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 FRONT FRAME WELDMNT	LV-1
2	18578-LV		LINK, QUICK - BEARING AREA DEFLECTOR	
3	53663-LV	2	SKIRTING, LEVELING CYLINDER	
4	53235-LV	2	BAR, RETAINER SKIRTING SIDE	
5	15604-LV	31	BOLT - .25" X .75"	
6	10757-LV	40	WASHER, SAE FLAT - .25"	
7	53236-LV	1	BAR, RETAINER SKIRTING REAR	
8	53647-LV	1	ATTACHMENT, SKIRTING TOP REAR	
9	53233-LV	2	ATTACHMENT, SKIRTING SIDE	
10	53234-LV	2	BAR, RETAINER SKIRTING FRONT ENDS	
11	53259-LV	1	BAR, RETAINER SKIRTING FRONT CENTER	
12	53232-LV	1	ATTACHMENT, SKIRTING FRONT	
13	10757-LV	21	WASHER, SAE FLAT - .25"	
14	15604-LV	21	BOLT - .25" X .75"	
15	10811-LV	7	NUT, LOCK - .25"	
16	53662-LV	1	SKIRTING, FUEL FLAP	
17	-LV	1	PIN, Hood Lock	
18	52464-LV	1	PIN, HITCH CLIP - .25	
19	53660-LV	1	SKIRTING, MAIN - FULL LENGTH	
20	53661-LV	1	SKIRTING, FRONT CASTING	

 See referenced page for component or assembly breakdown.

Section LV-3


Leveling Frame - Hydraulics



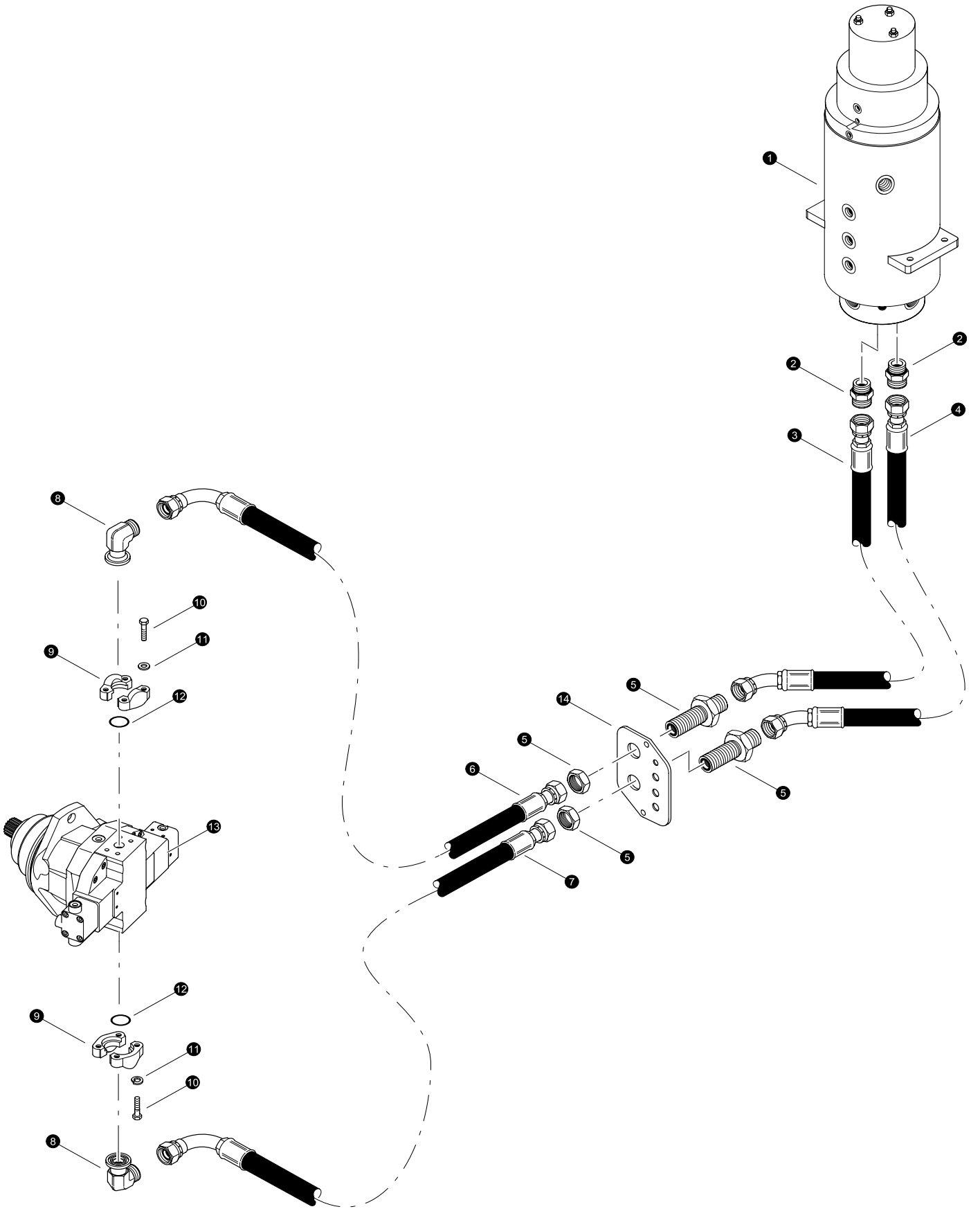
Parts T3680 0808
18.75

RIGHT DRIVE MOTOR LINES

(Rotary Manifold to Right Drive Motor)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD.....	UP-1
2	15225-LV	2	CONNECTOR, STR - FF1852T-1616S	
3	-LV	1	HOSE ASSEMBLY - 6054-16-160S-1604 (bulkhead to rotary manifold #11)	
4	-LV	1	HOSE ASSEMBLY - 6054-16-160S-1604 (bulkhead to rotary manifold #9)	
5	20033-LV	2	CONNECTOR, STR BULKHEAD - 16	
6	-LV	1	HOSE ASSEMBLY - 6048.5-16-160S-1609 (bulkhead plate to drive motor)	
7	-LV	1	HOSE ASSEMBLY - 6054.5-16-160S-1609 (bulkhead plate to drive motor)	
8	15103-LV	2	ADAPTER, 90 FLANGE - FF5540-1616S	
9	15113-LV	2	KIT, SPLIT FLANGE - 1" (CODE 62)	
10	15551-LV	4	BOLT - 12MM-1.75P X 40MM	
	18735-LV	4	WASHER, FLAT - 12MM	
11	15551-LV	4	BOLT - 12MM-1.75P X 40MM	
12	15377-LV	2	O-RING - 1" SF (CODE 61/62)	
13	REF	1	TRACK DRIVE MOTOR.....	TS
14	53186-LV	1	BULKHEAD, TRACK HOSES R.H.	

 See referenced page for component or assembly breakdown.

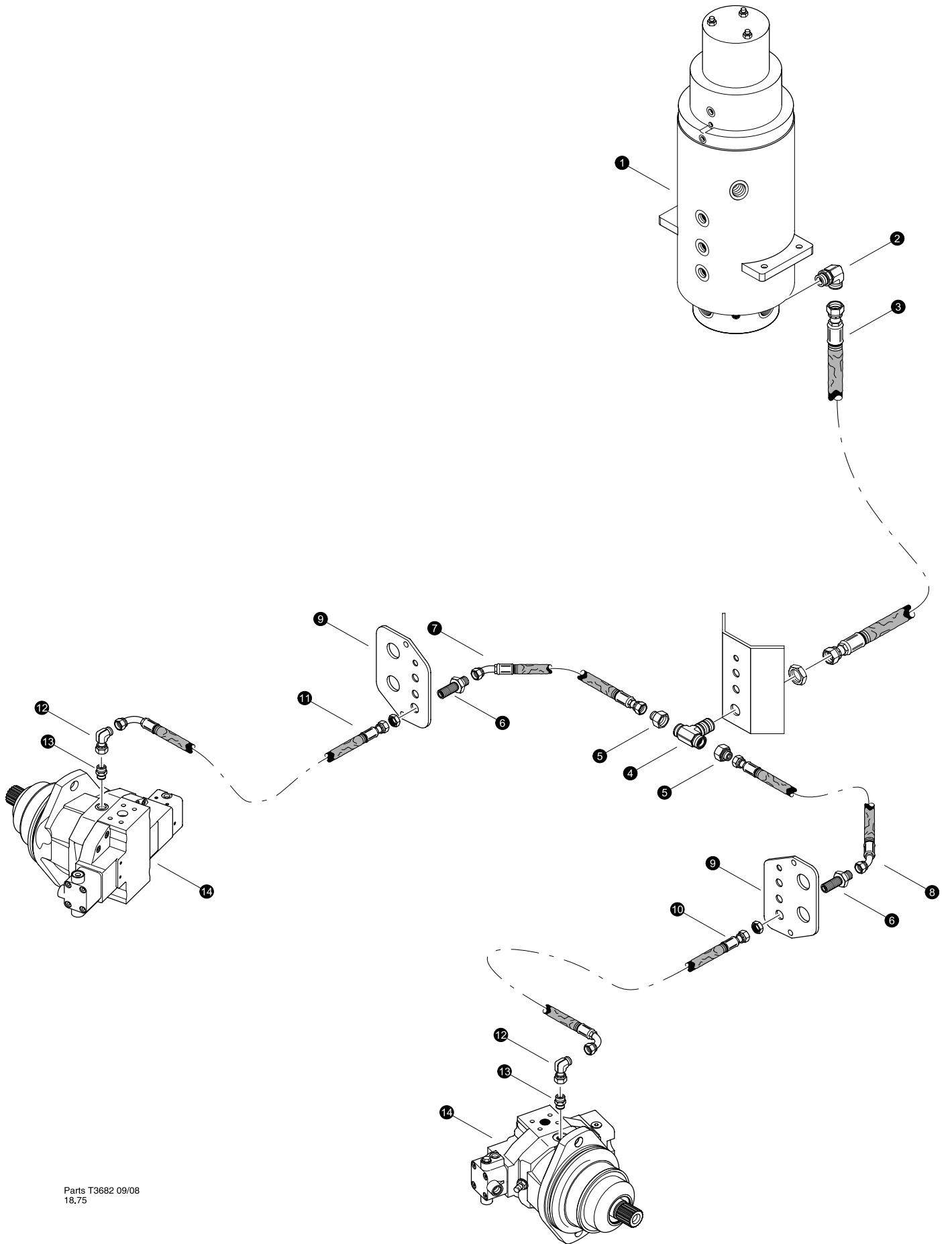


Parts T3681 09/08
18.75

**LEFT DRIVE MOTOR LINES
(Rotary Manifold to Right Drive Motor)**


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD.....	UP-1
2	15225-LV	2	CONNECTOR, STR - FF1852T-1616S	
3	-LV	1	HOSE ASSEMBLY - 6056-16-160S-1604 (bulkhead to rotary manifold #12)	
4	-LV	1	HOSE ASSEMBLY - 6051-16-160S-1604 (bulkhead to rotary manifold #10)	
5	20033-LV	2	CONNECTOR, STR BULKHEAD - 16	
6	-LV	1	HOSE ASSEMBLY - 6048.5-16-160S-1609 (bulkhead plate to drive motor)	
7	-LV	1	HOSE ASSEMBLY - 6054.5-16-160S-1609 (bulkhead plate to drive motor)	
8	15103-LV	2	ADAPTER, 90 FLANGE - FF5540-1616S	
9	15113-LV	2	KIT, SPLIT FLANGE - 1" (CODE 62)	
10	15551-LV	4	BOLT - 12MM-1.75P X 40MM	
	18735-LV	4	WASHER, FLAT - 12MM	
11	15551-LV	4	BOLT - 12MM-1.75P X 40MM	
12	15377-LV	2	O-RING - 1" SF (CODE 61/62)	
13	REF	1	TRACK DRIVE MOTOR.....	TS
14	53186-LV	1	BULKHEAD, TRACK HOSES R.H.	


 See referenced page for component or assembly breakdown.

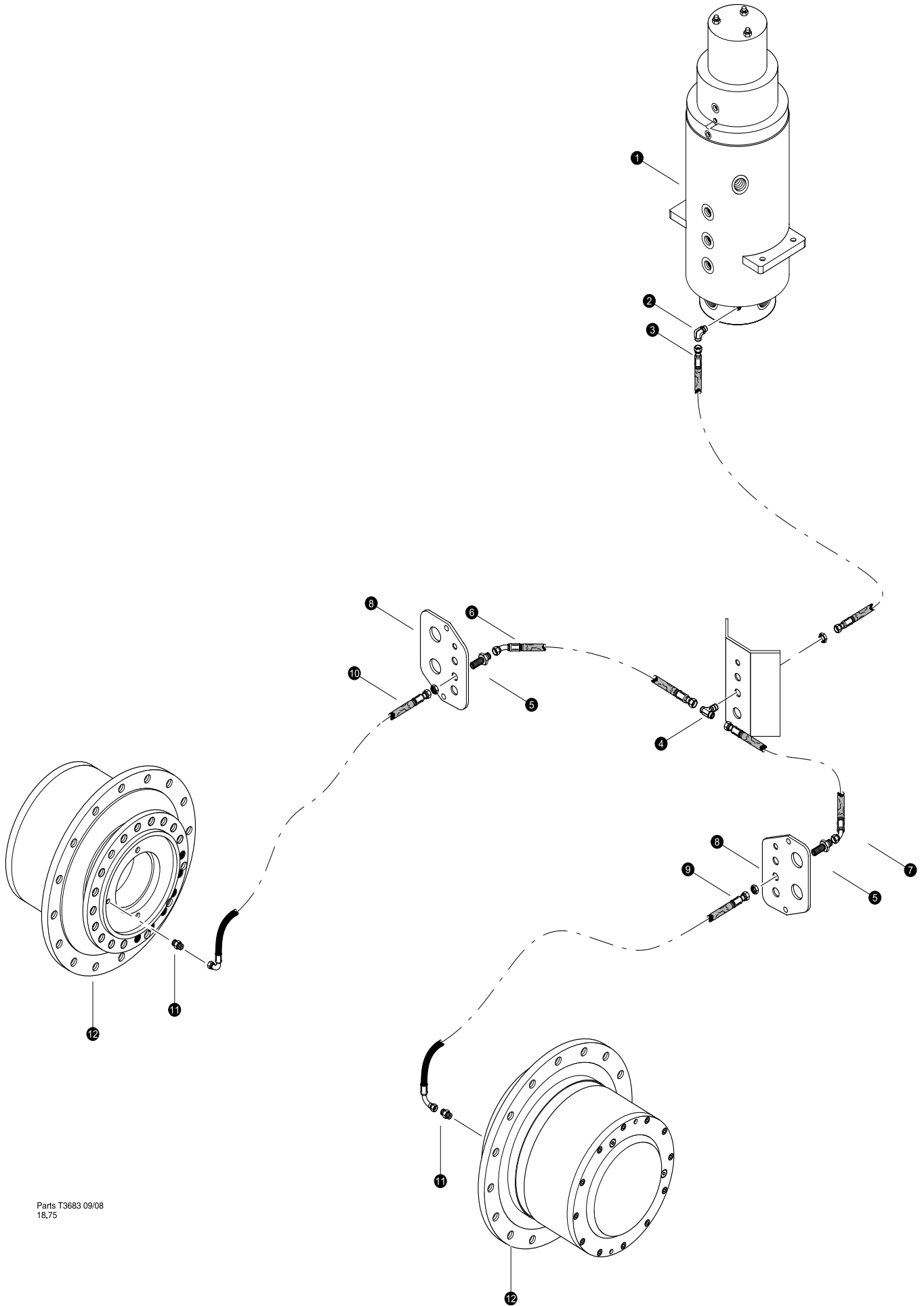


Parts T3682 09/08
18,75

MOTOR CASE DRAIN
(Rotary Manifold to Drive Motor Case Drains)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	17688-LV	1	ELBOW, 90 - FF1868T-1212S	
3	-LV	1	HOSE ASSEMBLY - 2048-12-120S-120S-W (bulkhead tee to rotary manifold port V1)	
4	22716-LV	1	TEE, BULKHEAD - 2703-12 (BRANCH)	
5	18581-LV	2	CONNECTOR, REDUCER - ORS FF2281T-0812S	
6	20196-LV	2	CONNECTOR, STR BULKHEAD - FF1994T-0808S	
7	-LV	1	HOSE ASSEMBLY - 2018.5-08-080S-0804-W (bulkhead tee to bulkhead)	
8	-LV		HOSE ASSEMBLY - 2018.5-08-080S-0804-W (bulkhead tee to bulkhead)	
9	REF		BULKHEAD PLATE	LV-3
10	-LV	1	HOSE ASSEMBLY - 2056-08-080S-080S-W (bulkhead tee to bulkhead)	
11	-LV		HOSE ASSEMBLY - 2056-08-080S-080S-W (bulkhead tee to bulkhead)	
12	16297-LV	2	ELBOW, 90 SWIVEL - FF2098T-0808S	
13	52439-LV	2	CONNECTOR, MALE ISO 6149	
14	REF	2	TRACK DRIVE MOTOR	TS


 See referenced page for component or assembly breakdown.

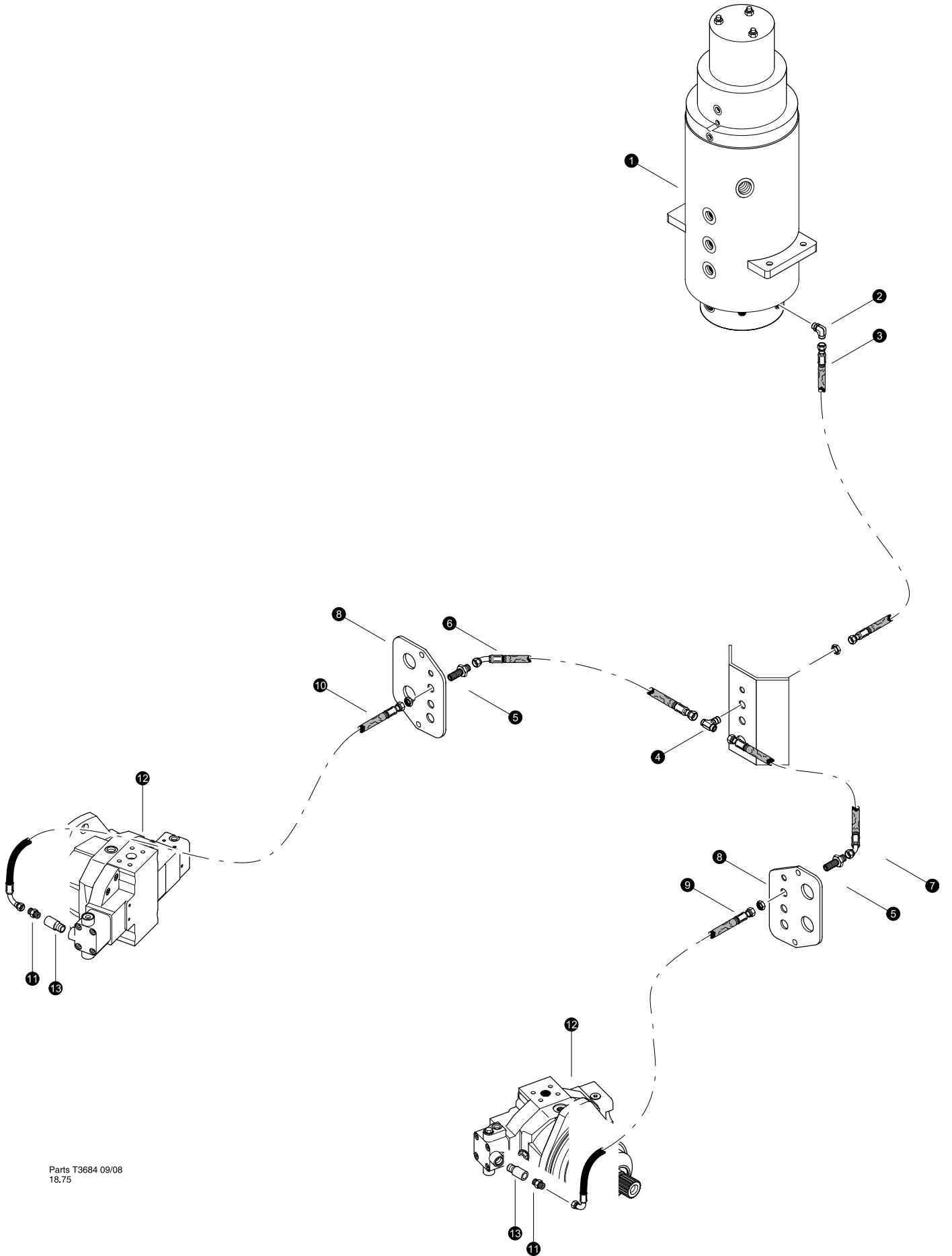


Parts T3683 09/08
18,75

PARKING BRAKE
(Rotary Manifold to Track Parking Brake)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16296-LV	1	ELBOW, 90 - FF1868T-0606S	
3	-LV	1	HOSE ASSEMBLY - 2044-06-060S-060S-W (bulkhead tee to rotary manifold port 7)	
4	52902-LV	1	BULKHEAD, BRANCH TEE - 6	
5	50420-LV	2	CONNECTOR, STR BULKHEAD - 832-TT-06	
6	-LV	1	HOSE ASSEMBLY - 2019.5-06-060S-0604-W (bulkhead tee to bulkhead)	
7	-LV	1	HOSE ASSEMBLY - 2019.5-06-060S-0604-W (bulkhead tee to bulkhead)	
8	REF		BULKHEAD PLATE	LV-3-1,2
9	-LV	1	HOSE ASSEMBLY - 2077-06-060S-0609-W (bulkhead tee to track motor)	
10	-LV	1	HOSE ASSEMBLY - 2077-06-060S-0609-W (bulkhead tee to track motor)	
11	53124-LV	2	FITTING, MALE CONNECTOR ISO 6149	
12	REF	2	TRACK DRIVE MOTOR	TS

 See referenced page for component or assembly breakdown.

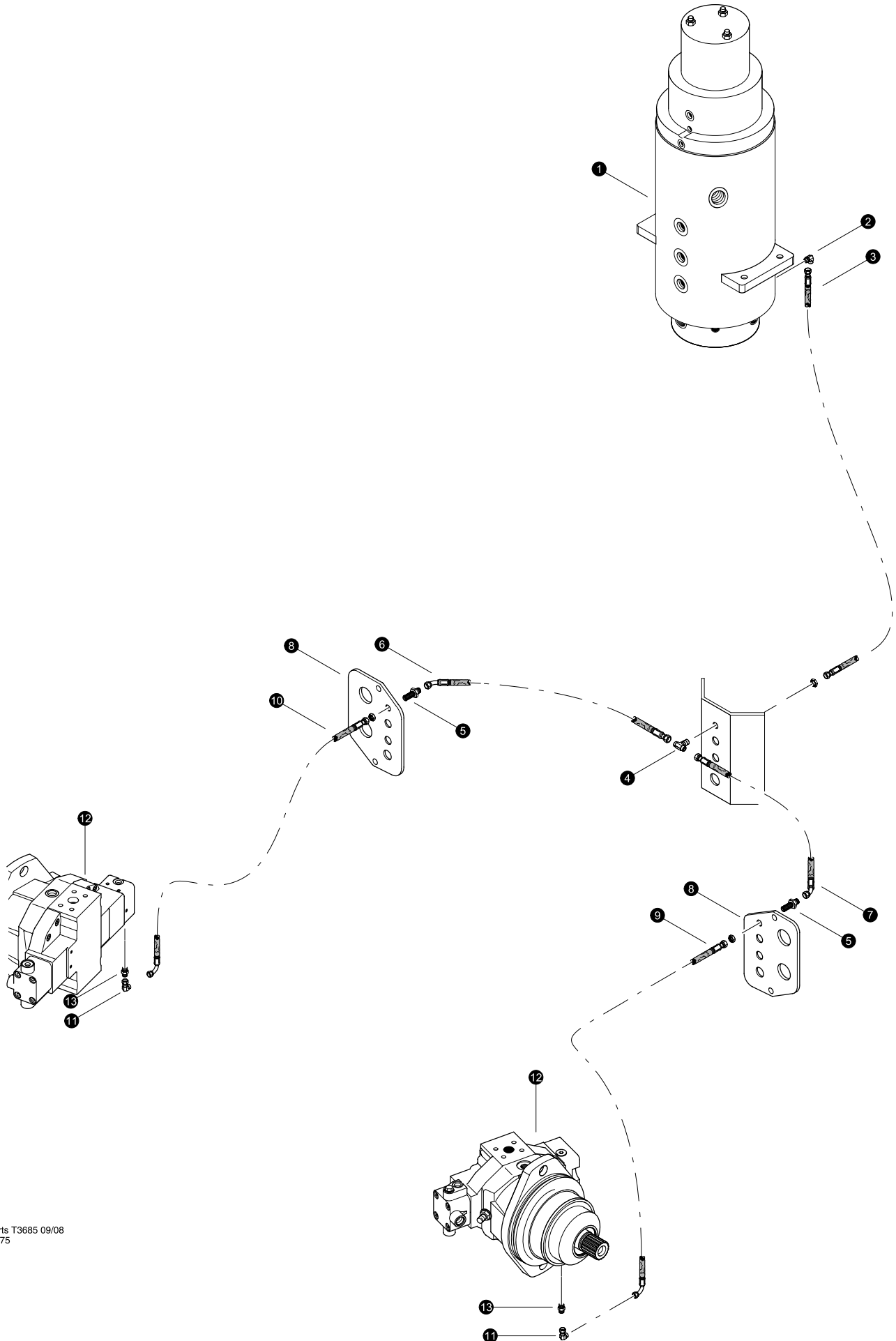


Parts T3684 09/08
18.75

Motor Flushing Return (Rotary Manifold to Track Motor Flushing Return)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16296-LV	1	ELBOW, 90 - FF1868T-0606S	
3	-LV	1	HOSE ASSEMBLY - 2044-06-060S-060S-W (bulkhead tee to rotary manifold port 1)	
4	52902-LV	1	BULKHEAD, BRANCH TEE - 6	
5	50420-LV	2	CONNECTOR, STR BULKHEAD - 832-TT-06	
6	-LV	1	HOSE ASSEMBLY - 2019.5-06-060S-0604-W (bulkhead tee to bulkhead)	
7	-LV		HOSE ASSEMBLY - 2019.5-06-060S-0604-W (bulkhead tee to bulkhead)	
8	REF		BULKHEAD PLATE	LV-3-1,2
9	-LV	1	HOSE ASSEMBLY - 2078-06-060S-0609-W (bulkhead tee to track motor)	
10	-LV		HOSE ASSEMBLY - 2078-06-060S-0609-W (bulkhead tee to track motor)	
11	18034-LV	2	CONNECTOR, STR - FF1852T-0606S	
12	REF	2	TRACK DRIVE MOTOR	TS
13	53651-LV	2	FITTING, FLUSHING ORIFICE - TRACK MOTOR	

 See referenced page for component or assembly breakdown.

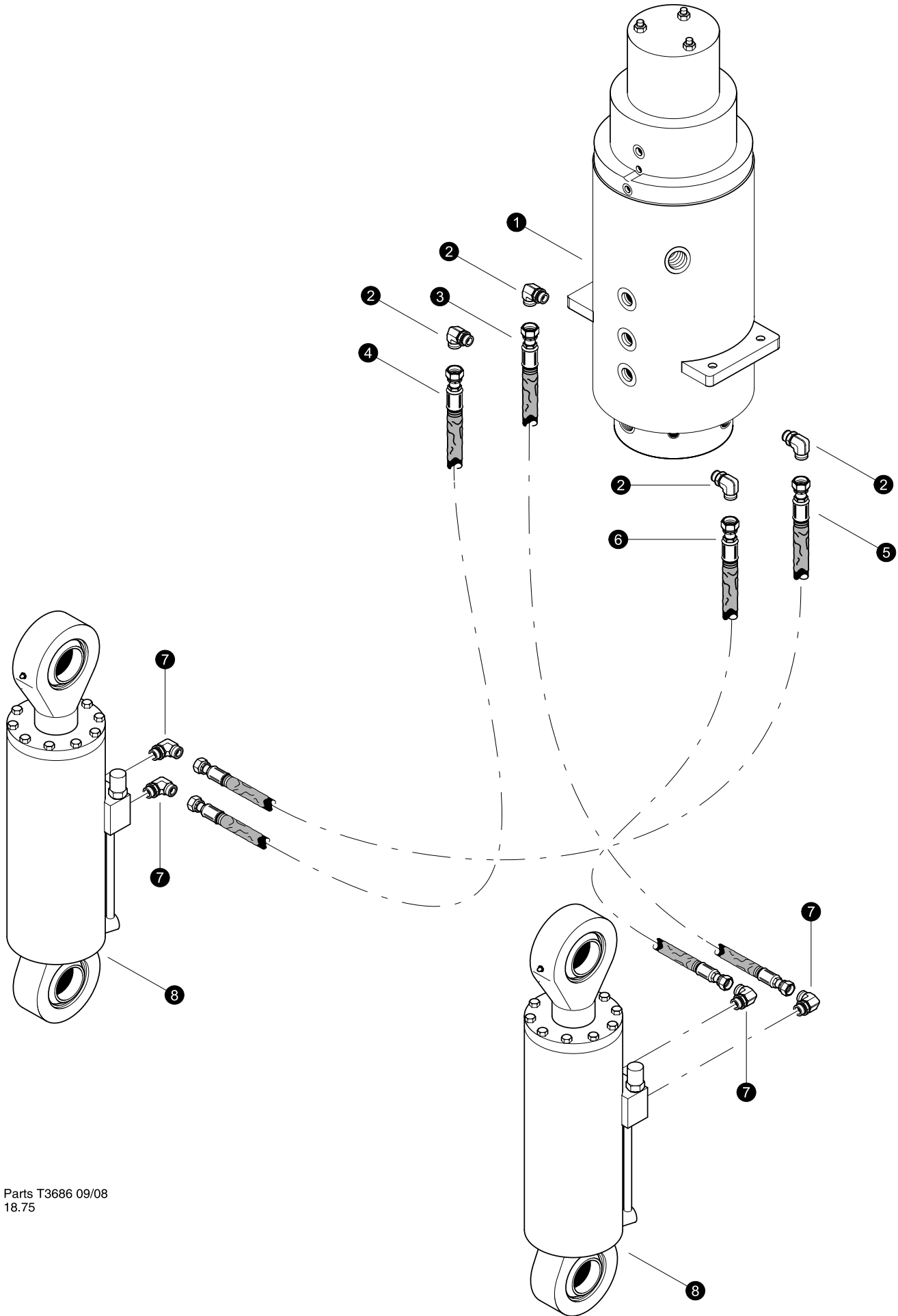


Parts T3685 09/08
18.75

Track Motor Shift (Rotary Manifold to Track Motor Shift)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16540-LV	1	ELBOW, 90 - FF1868T-0404S	
3	-LV	1	HOSE ASSEMBLY - 2043-04-040S-040S-W (bulkhead tee to rotary manifold port 3)	
4	52901-LV	1	BULKHEAD, BRANCH TEE - 4	
5	18582-LV	2	CONNECTOR, STR BULKHEAD - FF1994T-0404S	
6	-LV	1	HOSE ASSEMBLY - 2020-04-040S-0404-W (bulkhead tee to bulkhead)	
7	-LV		HOSE ASSEMBLY - 2020-04-040S-0404-W (bulkhead tee to bulkhead)	
8	REF		BULKHEAD PLATE	LV-3-1,2
9	-LV	1	HOSE ASSEMBLY - 2054-04-040S-0404-W (bulkhead tee to track motor)	
10	-LV		HOSE ASSEMBLY - 2054-04-040S-0404-W (bulkhead tee to track motor)	
11	17023-LV	2	ELBOW, 90 SWIVEL - 6500-4	
12	REF	2	TRACK DRIVE MOTOR	TS
13	15124-LV	2	CONNECTOR, STR - FF1852T-0406S	


 See referenced page for component or assembly breakdown.

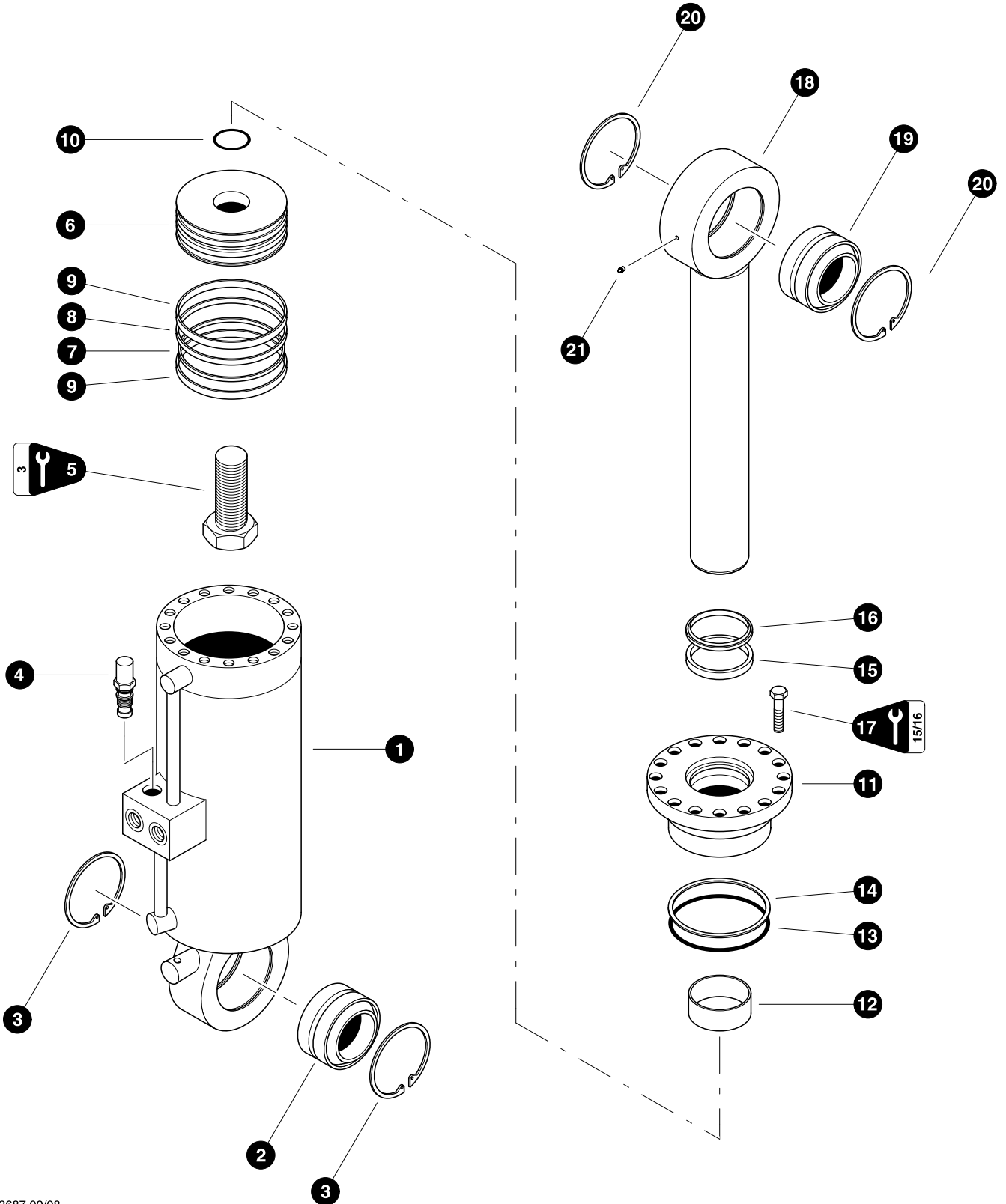


Parts T3686 09/08
18.75

LEVELING HYDRAULICS (Leveling Manifold to Leveling Cylinders)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16360-LV	4	ELBOW, 90 - FF1868T-0808S	
3	-LV	1	HOSE ASSEMBLY - 4050-08-080S-0804-W (rotary manifold #2. to right cylinder base)	
4	-LV	1	HOSE ASSEMBLY - 4050-08-080S-0804-W (rotary manifold #6. to left cylinder base)	
5	-LV	1	HOSE ASSEMBLY - 4050-08-080S-0804-W (rotary manifold #4. to left cylinder rod)	
6	-LV	1	HOSE ASSEMBLY - 4050-08-080S-0804-W (rotary manifold #5. to right cylinder rod)	
7	16360-LV	4	ELBOW, 90 - FF1868T-0808S	
8	REF	2	 LEVELING CYLINDER	LV-3

 See referenced page for component or assembly breakdown.



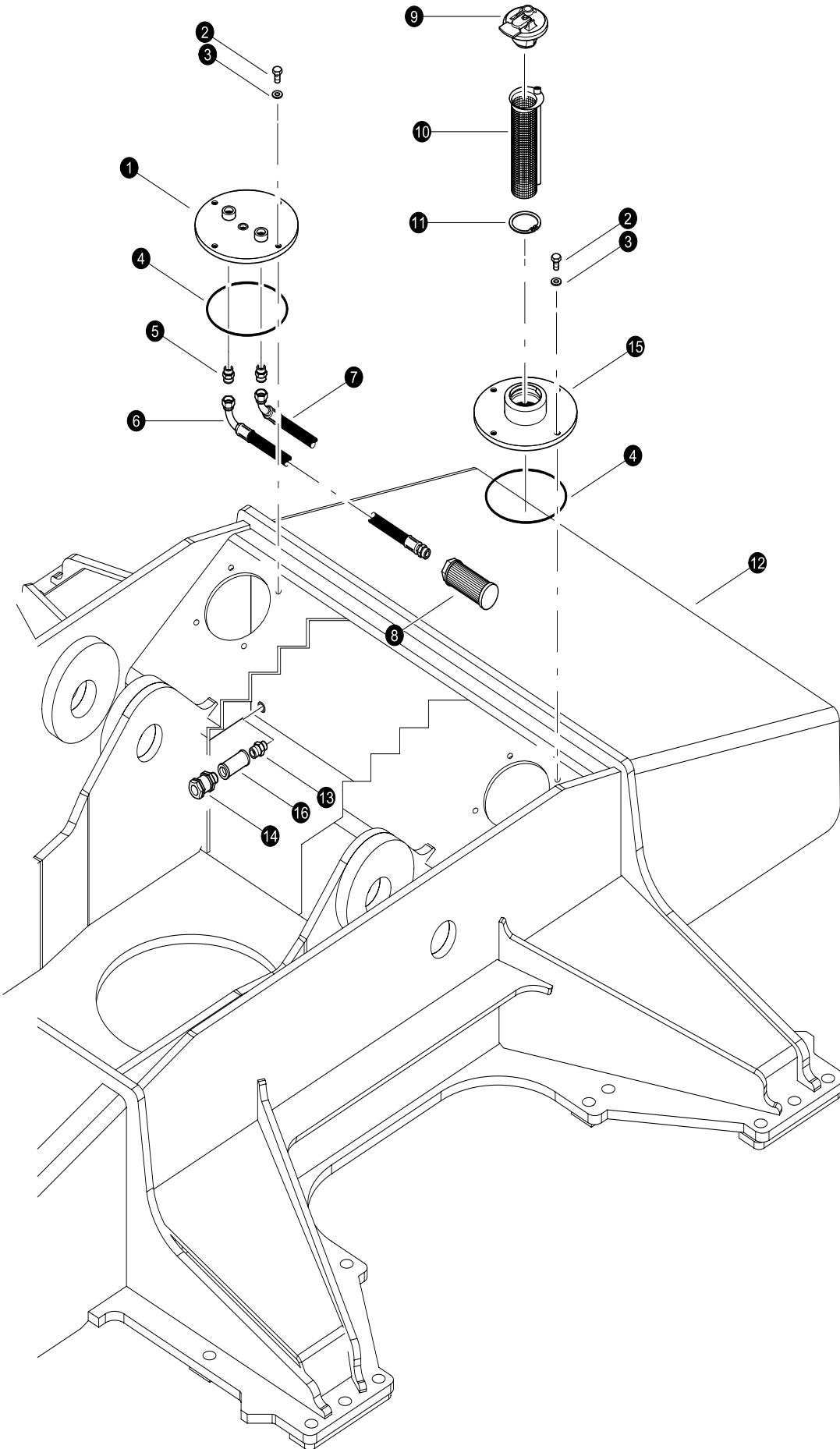
LEVELING CYLINDER BREAKDOWN

REF	PART #	QTY	DESCRIPTION	SEE SECTION
-	52512-LV	1	<input type="checkbox"/> CYLINDER, LEVEL - 6.5X16" TRACK MACH	
1	54087-LV	1	<input type="checkbox"/> BARREL ASSEMBLY (203421B)	
2	54105-LV	1	BUSHING, spherical- 3.25"	
3	-LV	2	RING, snap - 3" spherical bushing	
4	-LV	2	CARTRIDGE, holding	
5	-LV	1	BOLT, cylinder rod - 2" x 4-1/4" (2700 +/- 200 ft.lbs. (3600 +/- 265 Nm)) (711181A)	
6	54070-LV	1	<input type="checkbox"/> PISTON (400556B)	
7	NSS	1	◆ RING, piston square	
8	NSS	1	◆ RING, piston chem-cast	
9	NSS	2	◆ RING, piston wear	
10	NSS	1	◆ O-RING, piston	
11	54072-LV	1	<input type="checkbox"/> BEARING, rod assembly (5000697B)	
12	NSS	1	◆ WIPER, rod	
13	NSS	1	◆ O-RING, rod bearing	
14	NSS	1	◆ RING, rod bearing back-up	
15	NSS	1	◆ U-CUP, rod bearing	
16	NSS	1	◆ RING, rod bearing wear	
17	19956-LV	16	BOLT - 5/8" x 2-1/4" (175ft.lbs (233 Nm)) (711034A)	
18	54069-LV	1	<input type="checkbox"/> ROD ASSEMBLY (302111B)	
19	54105-LV	1	BUSHING, spherical - 3.25"	
20	-LV	2	RING, snap - 3" spherical bushing	
21	-LV	1	FITTING, grease	

- Kit or Assembly - includes all items indented underneath.
- ◆ Included in seal repair kit Part # 53641-LV


Section LV-4


Leveling Frame - Fuel Tank Components

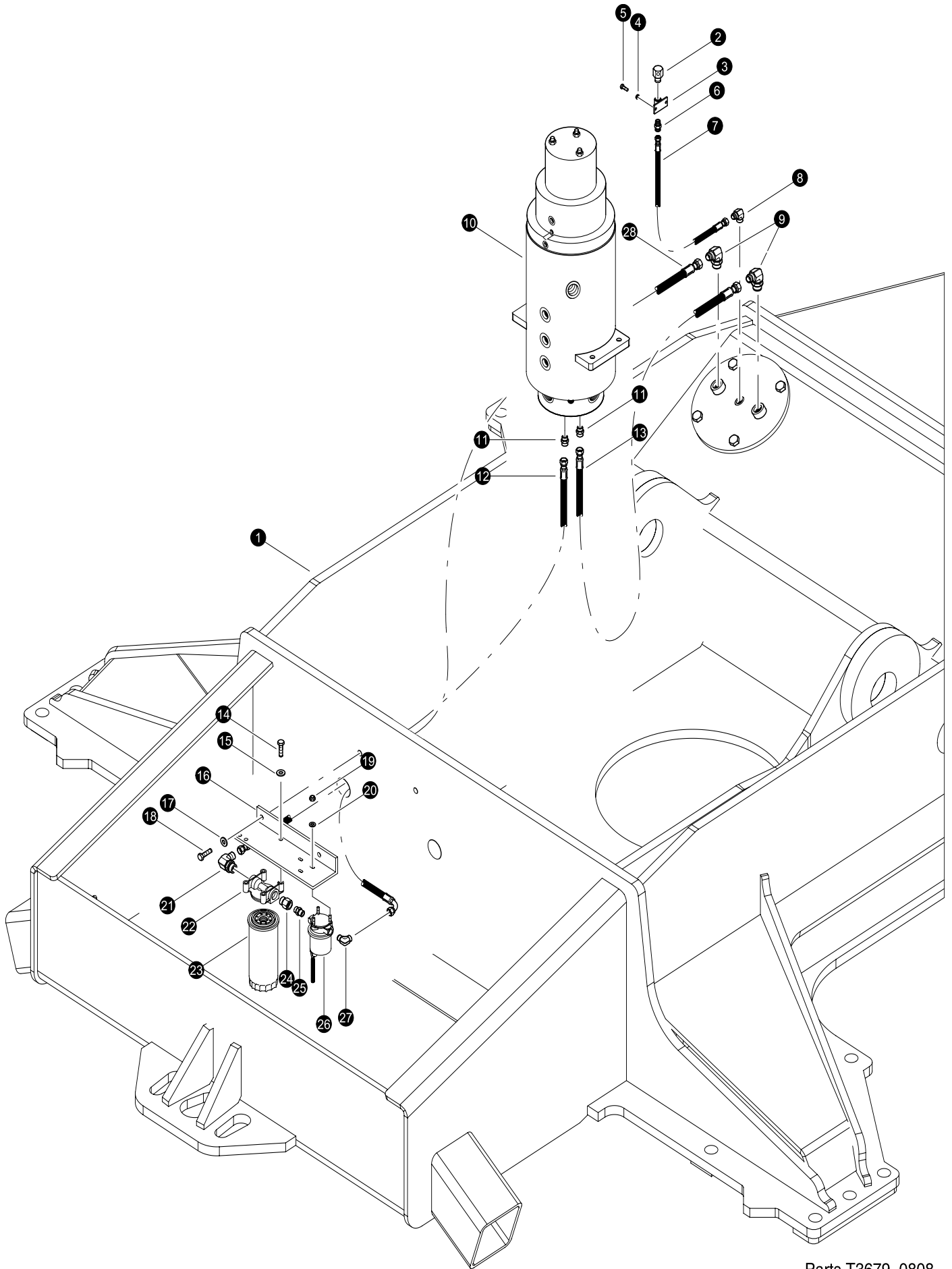


Parts T3678 0808
18.75

FUEL FILL STRAINER INSTALLATION



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53203-LV	1	COVER, fuel tank	
2	10783-LV	4	BOLT - 1/2" x 1"	
3	15534-LV	4	WASHER, SAE flat - 1/2"	
4	15600-LV	1	O-RING - 8"	
5	15117-LV	2	CONNECTOR, STR - FF1852T-0808S	
6	-LV	1	HOSE ASSEMBLY - 2030-08-080S-08MP (Fuel supply)	
7	-LV	1	HOSE ASSEMBLY - 2020-08-0804 (Fuel return)	
8	17271-LV	1	FILTER, screen	
9	16585-LV	1	CAP, FUEL - LOCKING	
10	17114-LV	1	STRAINER, FUEL SYSTEM	
11	17115-LV	1	RING, snap - fuel strainer retainer	
12	REF.	1	 LEVELING FRAME WELDMENT	LV-1
13	53107-LV	1	CONNECTOR, STR - 1/2 X 3/8 FF-S	
14	53885-LV	1	VALVE, CHECK - FUEL TANK (replaces 15652)	
15	14079-LV	1	COVER, fuel tank	
16	16320-LV	1	COUPLING, PIPE - .5"	

 See referenced page for component or assembly breakdown.



Parts T3679 0808
18.75

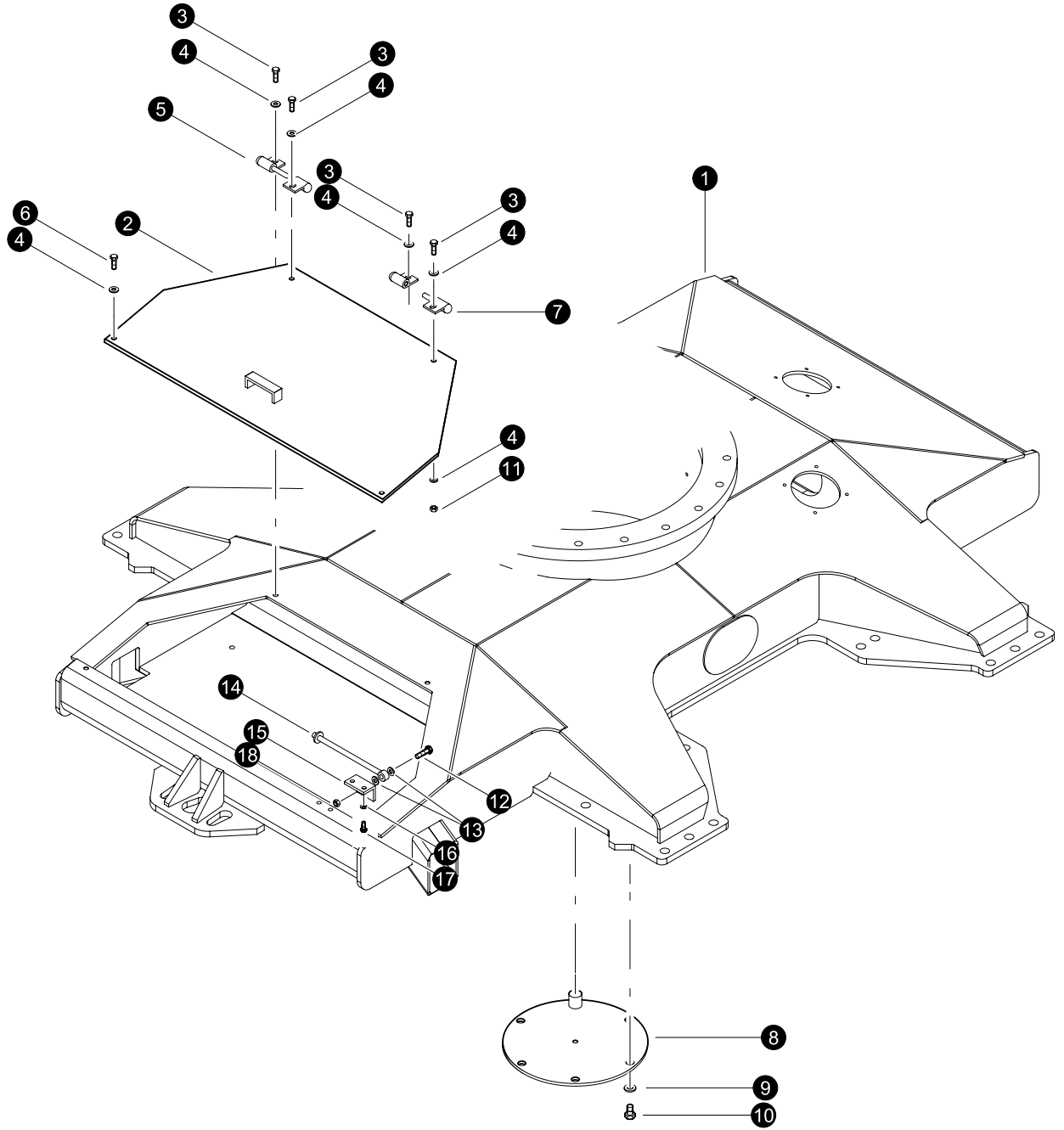
FUEL SUPPLY SYSTEM

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 LEVELING FRAME WELDMENT	LV-1
2	54218-LV	1	BREATHER, fuel vent	
3	12222-LV	1	BRACKET, GAUGE/VENT MOUNT	
4	10757-LV	2	WASHER, SAE flat - 1/4"	
5	15604-LV	2	BOLT - .25" X .75"	
6	15131-FF	1	CONNECTOR, straight - FF2031T-0404S	
7	-LV	1	HOSE ASSEMBLY - 2085-04-04OS-04OS (Fuel Vent)	
8	15505-LV	1	ELBOW, 90 - FF2032T-0404S	
9	53145-LV	2	FITTING, 6-8 C50X-S - JIC	
10	REF.	1	 ROTARY MANIFOLD	UP-1
11	18034-LV	2	CONNECTOR, STR - FF1852T-0606S	
12	-LV	1	HOSE ASSEMBLY - 2060-06-06JS-06JS (Fuel filter outlet to RMFS)	
13	-LV	1	HOSE ASSEMBLY - 2084-06-06JS-06JS (RMFR to Fuel Tank Return)	
14	11707-LV	2	BOLT - .375" X 1"	
15	15528-LV	4	WASHER, SAE flat - 3/8"	
16	53197-LV	1	BRACKET, FUEL PUMP/FILTER T/M	
17	15528-LV	4	WASHER, SAE flat - 3/8"	
18	11707-LV	2	BOLT - .375" X 1"	
19	10755-LV	3	NUT, hex - 1/4"	
20	10757-LV	3	WASHER, SAE flat - 1/4"	
21	53073-LV	1	ELBOW, 90 6-JIC X 10-ORB)	
22	16574-LV	1	MOUNT, filter head	
23	16575-LV	1	FILTER, spin-on fuel	
24	19290-LV	1	BUSHING, REDUCER - 6410-10-8	
25	51982-LV	1	CONNECTOR, STR - (8-3/8 F50F-S)	
26	21966-LV	1	PUMP, fuel - 12 volt	
27	16882-LV	1	ELBOW, 90 - 849-FSO-6X6	
28	-LV	1	HOSE ASSEMBLY - 2086-06-06JS-06J9 (Fuel Tank Supply to Fuel Pump)	

 See referenced page for component or assembly breakdown.

Section NV-1

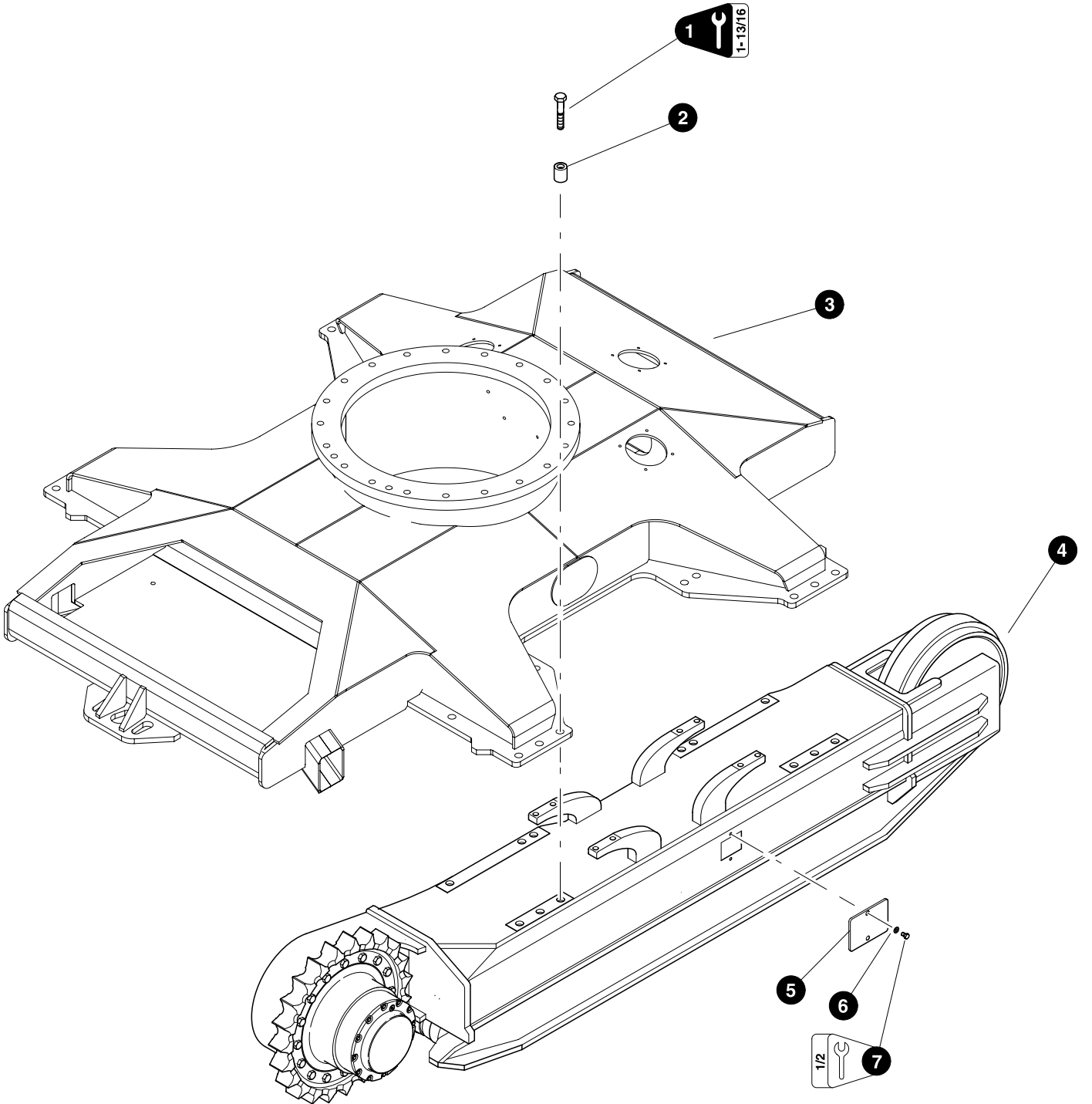
Non-Leveling Track Frame - Frame and Covers



Parts T3700 1008
9,375



Frame and Covers (General)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	52767-NV	1	CARBODY, TRACK MACHINE - Narrow 9'-6"	
1	53273-NV	1	CARBODY, TRACK MACHINE - Wide 10'-4"	
2	53270-NV	1	LID, TRUNK NON-LEVEL T/M - Narrow 9'-6"	
-	53276-NV	1	LID, TRUNK NON-LEVEL T/M - Wide 10'-4"	
3	10739-NV	4	BOLT - .5" X 1.5"	
4	15534-NV	8	WASHER, SAE flat - 1/2"	
5	53585-NV	1	HINGE, ASSEMBLY-N/L T/M TRUNK L.H.	
6	10738-NV	2	BOLT - .5" X 1"	
7	53584-NV	1	HINGE, ASSEMBLY-N/L T/M TRUNK R.H.	
8	43285-NV	1	PLATE, COVER BOTTOM (following parts listed below need to fitted and welded after installtion)	
-	43290-NV	1	SHAFT, COVER PIVOT	
-	12021-NV	1	WASHER, PIVOT STOP	
9	10771-NV	5	WASHER, SAE FLAT - .625"	
10	15502-NV	5	BOLT - .625" X 1.5"	
11	10815-NV	3	NUT, LOCK - .5"	
12	10736-NV	1	BOLT - .5" X 2"	
13	15534-NV	2	WASHER, SAE flat - 1/2"	
14	54173-NV	1	ROD, PROP - NON-LEVELING TRUNK-CURRENT	
15	54174-NV	1	ANGLE, PROP ROD - NON-LEVELING TRUNK-CUR	
16	15528-NV	2	WASHER, SAE FLAT - .375"	
17	11707-NV	2	BOLT - .375" X 1"	
18	10815-NV	1	NUT, LOCK - .5"	



Parts T3701 0808
9.375

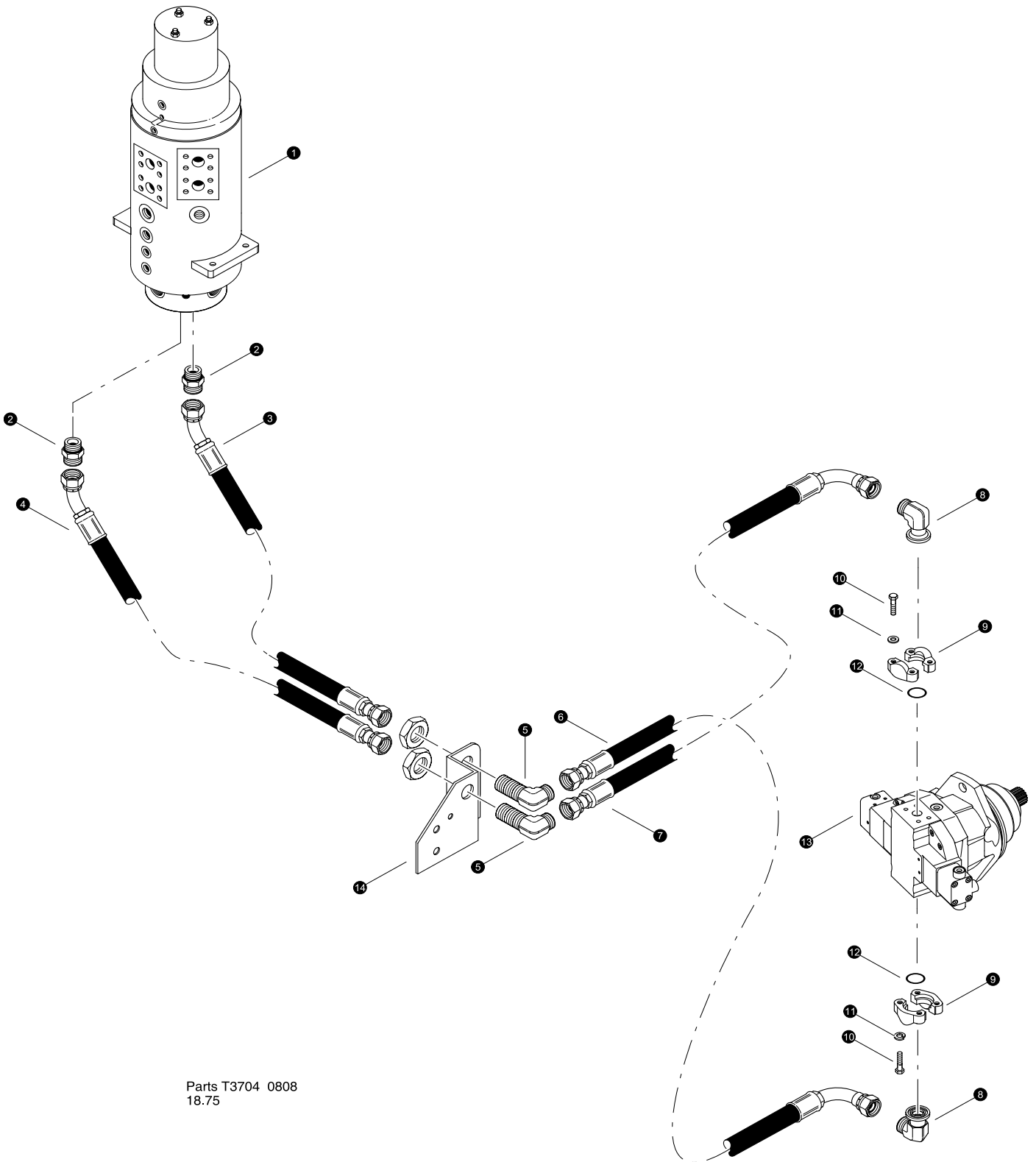
Frame Installation

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53139-NV	24	BOLT - 30MM-3.5 X 140MM 12.9 (Torque to 1000 ft lbs - 1355 Nm)	
2	12464-NV	24	SPACER, BOLT - CARBODY	
3	REF.	1	 FRONT FRAME WELDMENT.	NV-1
4	REF.	1	 TRACK FRAME ASSEMBLY	TS-1
5	187-8496	2	COVER, Track Frame - 725	
5	272-5539	2	COVER, Track Frame - 735	
6	15534-NV	4	WASHER, SAE FLAT - .5"	
7	15551-NV	4	BOLT - 12MM-1.75P X 40MM	


 See referenced page for component or assembly breakdown.

Section NV-2

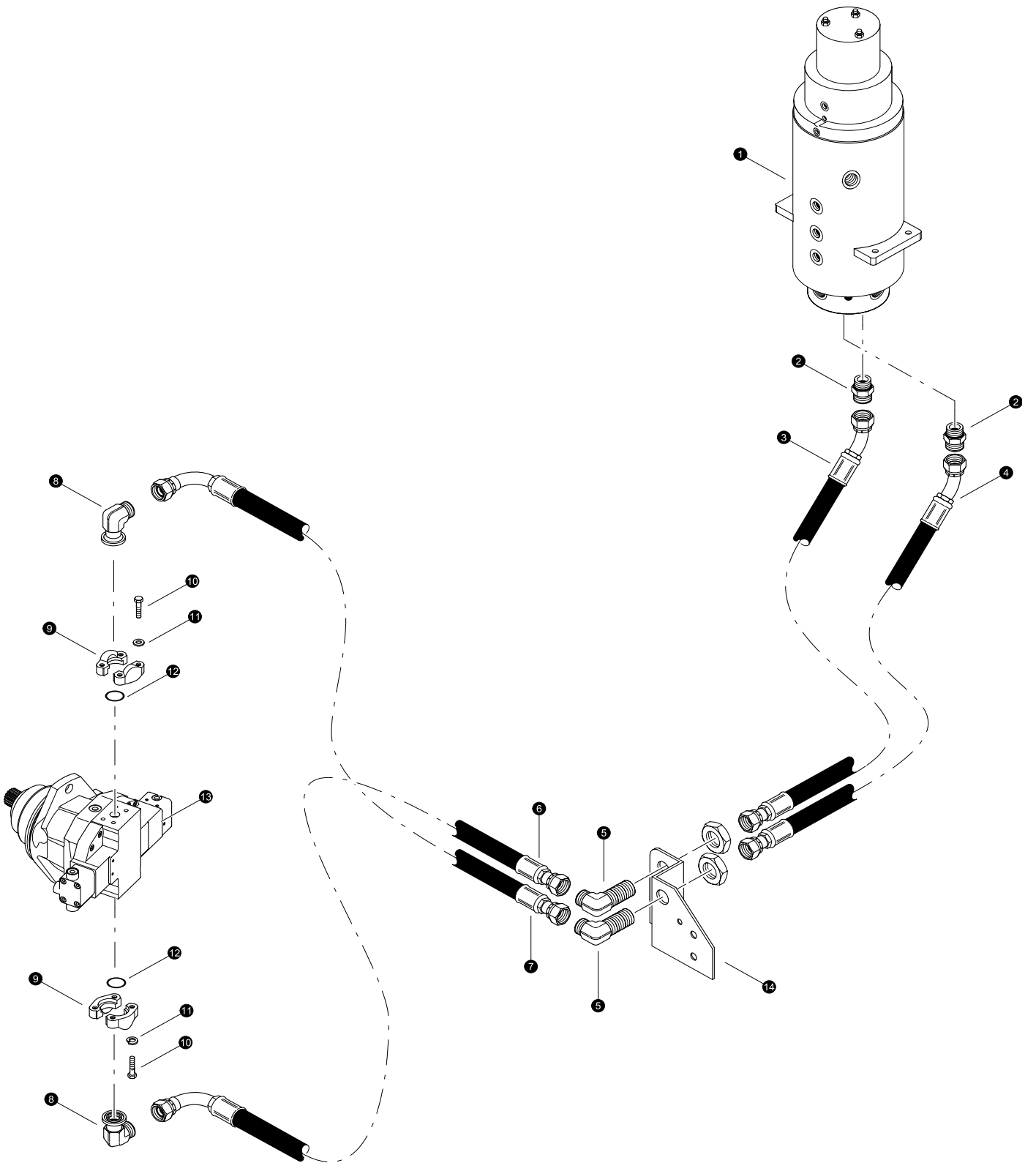
Non-Leveling Frame - Hydraulics



RIGHT DRIVE MOTOR LINES (Rotary Manifold to Right Drive Motor)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	15225-NV	2	CONNECTOR, STR - FF1852T-1616S	
3	-NV	1	HOSE ASSEMBLY - 6058-16-160S-1604 (bulkhead to rotary manifold #9)	
4	-NV	1	HOSE ASSEMBLY - 6059.5-16-160S-1604 (bulkhead to rotary manifold #11)	
5	52429-NV	2	ELBOW, BULKHEAD #16 UNION	
6	-NV	1	HOSE ASSEMBLY - 6027-16-160S-1609 (bulkhead plate to drive motor)	
7	-NV	1	HOSE ASSEMBLY - 6020.5-16-160S-1609 (bulkhead plate to drive motor)	
8	15103-NV	2	ADAPTER, 90 FLANGE - FF5540-1616S	
9	15113-NV	2	KIT, SPLIT FLANGE - 1" (CODE 62)	
10	15551-NV	4	BOLT - 12MM-1.75P X 40MM	
	18735-NV	4	WASHER, FLAT - 12MM	
11	15551-NV	4	BOLT - 12MM-1.75P X 40MM	
12	15377-NV	2	O-RING - 1" SF (CODE 61/62)	
13	REF	1	TRACK DRIVE MOTOR	TS-1
14	REF	1	BULKHEAD BRACKET - Non-Leveling Frame	NV-1

 See referenced page for component or assembly breakdown.

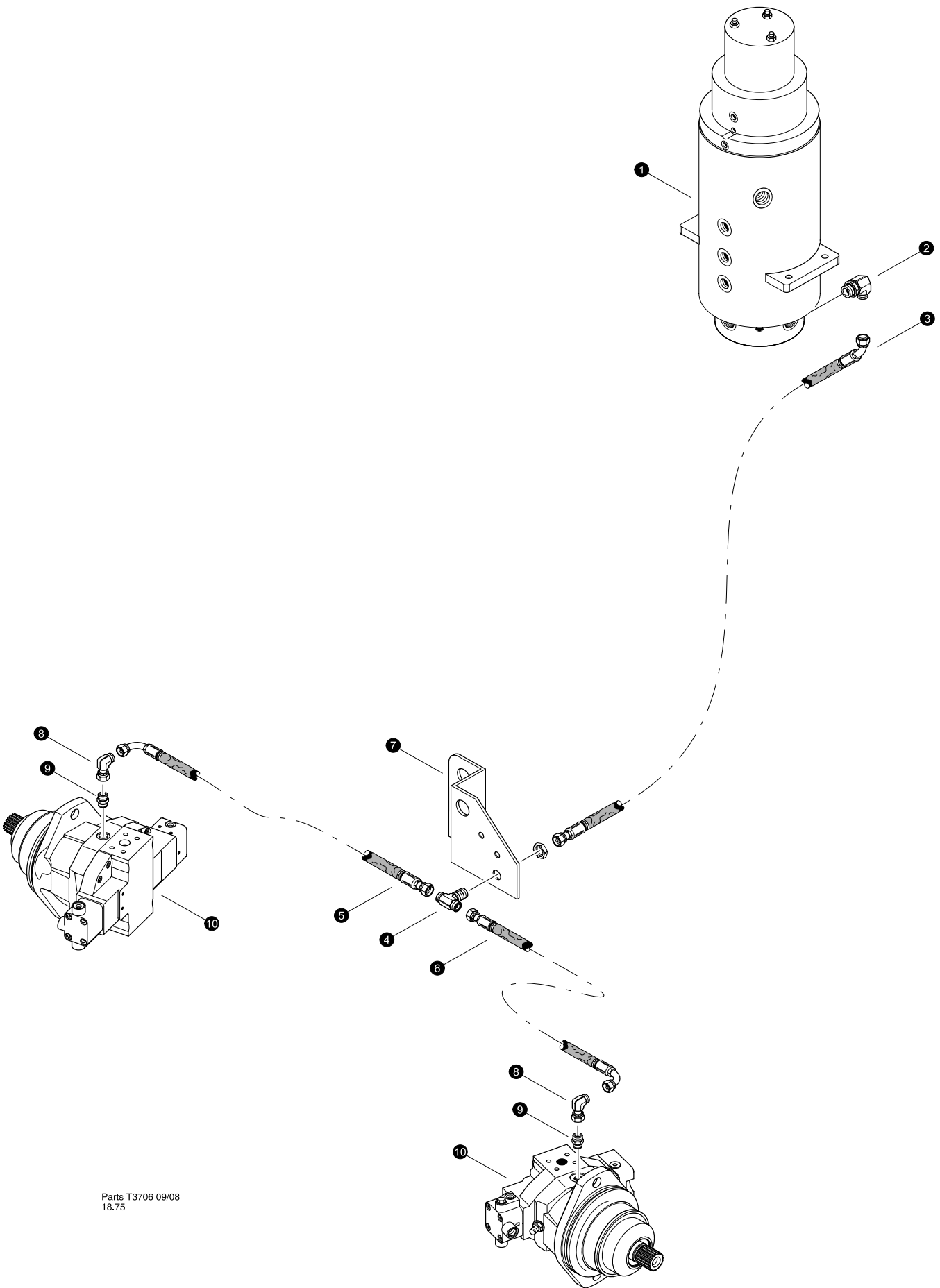


Parts T3681 09/08
18,75

LEFT DRIVE MOTOR LINES
(Rotary Manifold to Right Drive Motor)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD.....	UP-1
2	15225-NV	2	CONNECTOR, STR - FF1852T-1616S	
3	-NV	1	HOSE ASSEMBLY - 6058-16-160S-1604 (bulkhead to rotary manifold #10)	
4	-NV	1	HOSE ASSEMBLY - 6059.5-16-160S-1604 (bulkhead to rotary manifold #12)	
5	52429-NV	2	ELBOW, BULKHEAD #16 UNION	
6	-NV	1	HOSE ASSEMBLY - 6027-16-160S-1609 (bulkhead plate to drive motor)	
7	-NV	1	HOSE ASSEMBLY - 6020.5-16-160S-1609 (bulkhead plate to drive motor)	
8	15103-NV	2	ADAPTER, 90 FLANGE - FF5540-1616S	
9	15113-NV	2	KIT, SPLIT FLANGE - 1" (CODE 62)	
10	15551-NV	4	BOLT - 12MM-1.75P X 40MM	
	18735-NV	4	WASHER, FLAT - 12MM	
11	15551-NV	4	BOLT - 12MM-1.75P X 40MM	
12	15377-NV	2	O-RING - 1" SF (CODE 61/62)	
13	REF	1	TRACK DRIVE MOTOR.....	TS-1
14	REF	1	BULKHEAD BRACKET - Non-Leveling Frame	NV-1

 See referenced page for component or assembly breakdown.

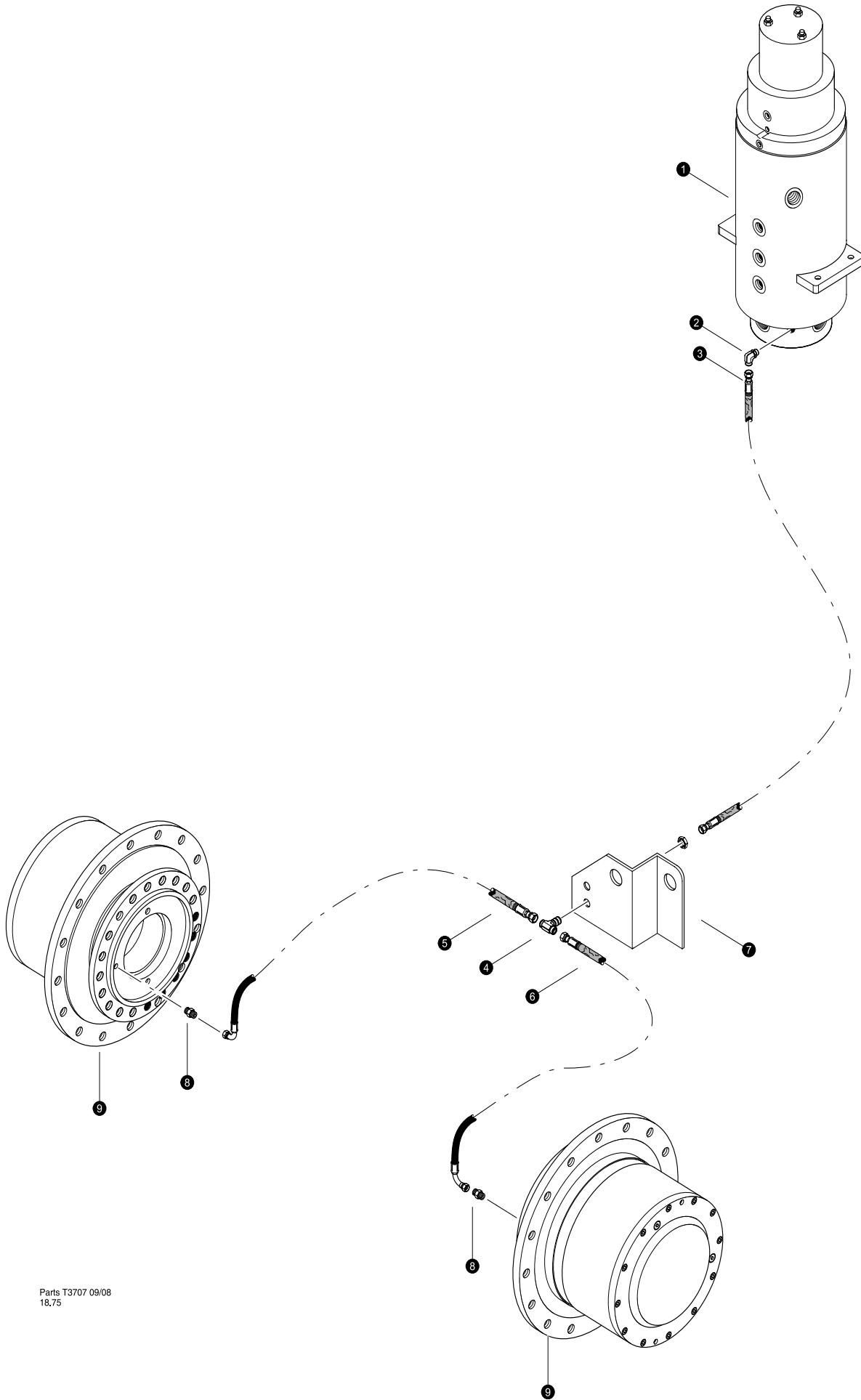


Parts T3706 09/08
18.75

MOTOR CASE DRAIN
(Rotary Manifold to Drive Motor Case Drains)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	15372-NV	1	ELBOW, 90 - FF1868T-0812S	
3	-NV	1	HOSE ASSEMBLY - 2072-08-080S-0804-W (bulkhead tee to rotary manifold port V1)	
4	52930-NV	1	TEE, BULKHEAD BRANCH - 8	
5	-NV	1	HOSE ASSEMBLY - 2034-08-080S-0809-W (bulkhead tee to motor)	
6	-NV	1	HOSE ASSEMBLY - 2047-08-080S-0809-W (bulkhead tee to motor)	
7	REF		BULKHEAD PLATE	NV-3
8	16297-NV	2	ELBOW, 90 SWIVEL - FF2098T-0808S	
9	52439-NV	2	CONNECTOR, MALE ISO 6149	
10	REF	2	TRACK DRIVE MOTOR	TS-1


 See referenced page for component or assembly breakdown.

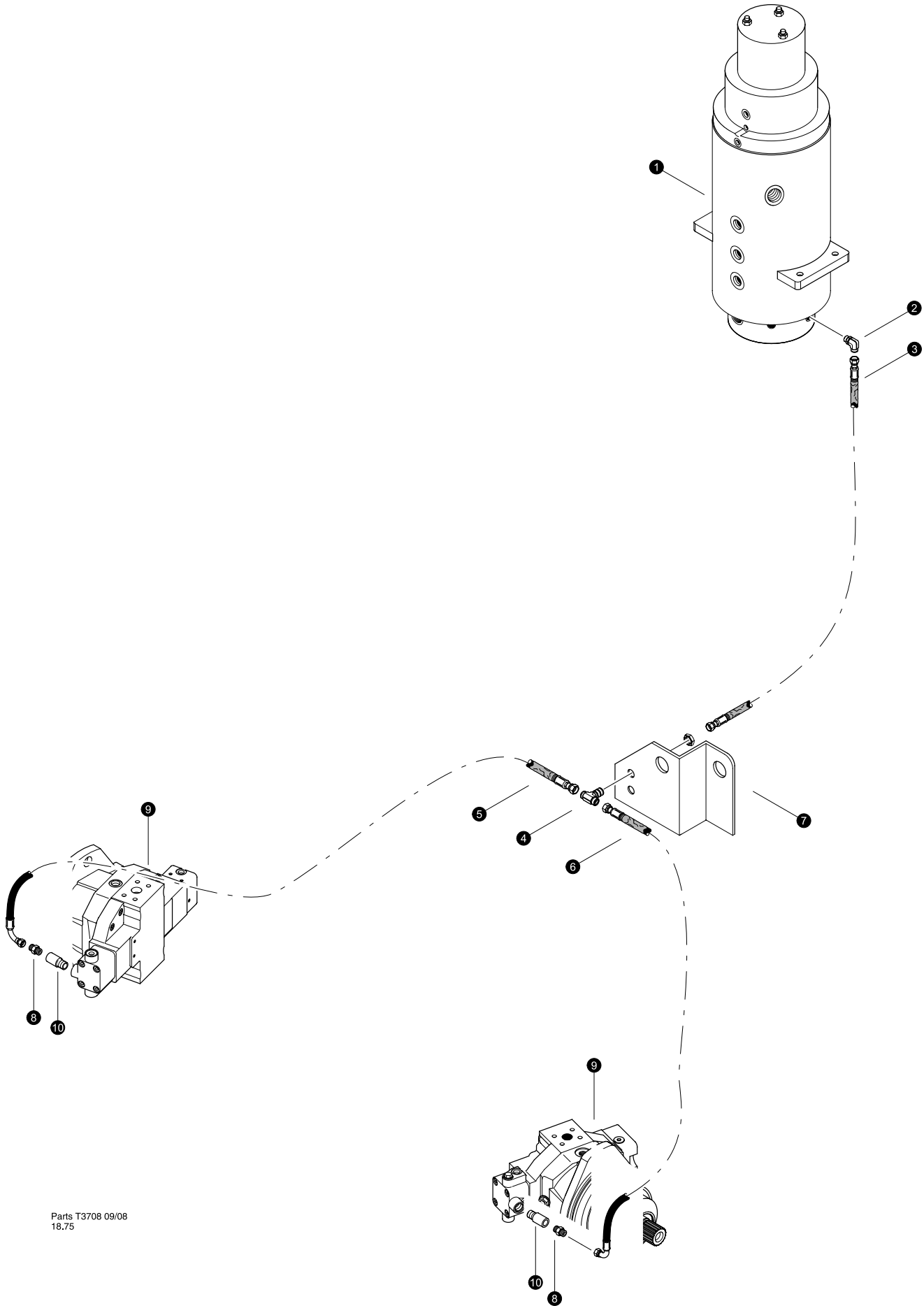


Parts T3707 09/08
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PARKING BRAKE
(Rotary Manifold to Track Parking Brake)


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16296-NV	1	ELBOW, 90 - FF1868T-0606S	
3	-NV	1	HOSE ASSEMBLY - 2063-06-060S-060S-W (bulkhead tee to rotary manifold port 7)	
4	52902-NV	1	BULKHEAD, BRANCH TEE - 6	
5	-NV	1	HOSE ASSEMBLY - 2060-06-060S-0609-W (bulkhead tee to brake)	
6	-NV		HOSE ASSEMBLY - 2048-06-060S-0609-W (bulkhead tee to brake)	
7	REF		BULKHEAD PLATE	NV-3
8	53124-NV	2	FITTING, MALE CONNECTOR ISO 6149	
9	REF	2	TRACK DRIVE MOTOR	TS-1

 See referenced page for component or assembly breakdown.

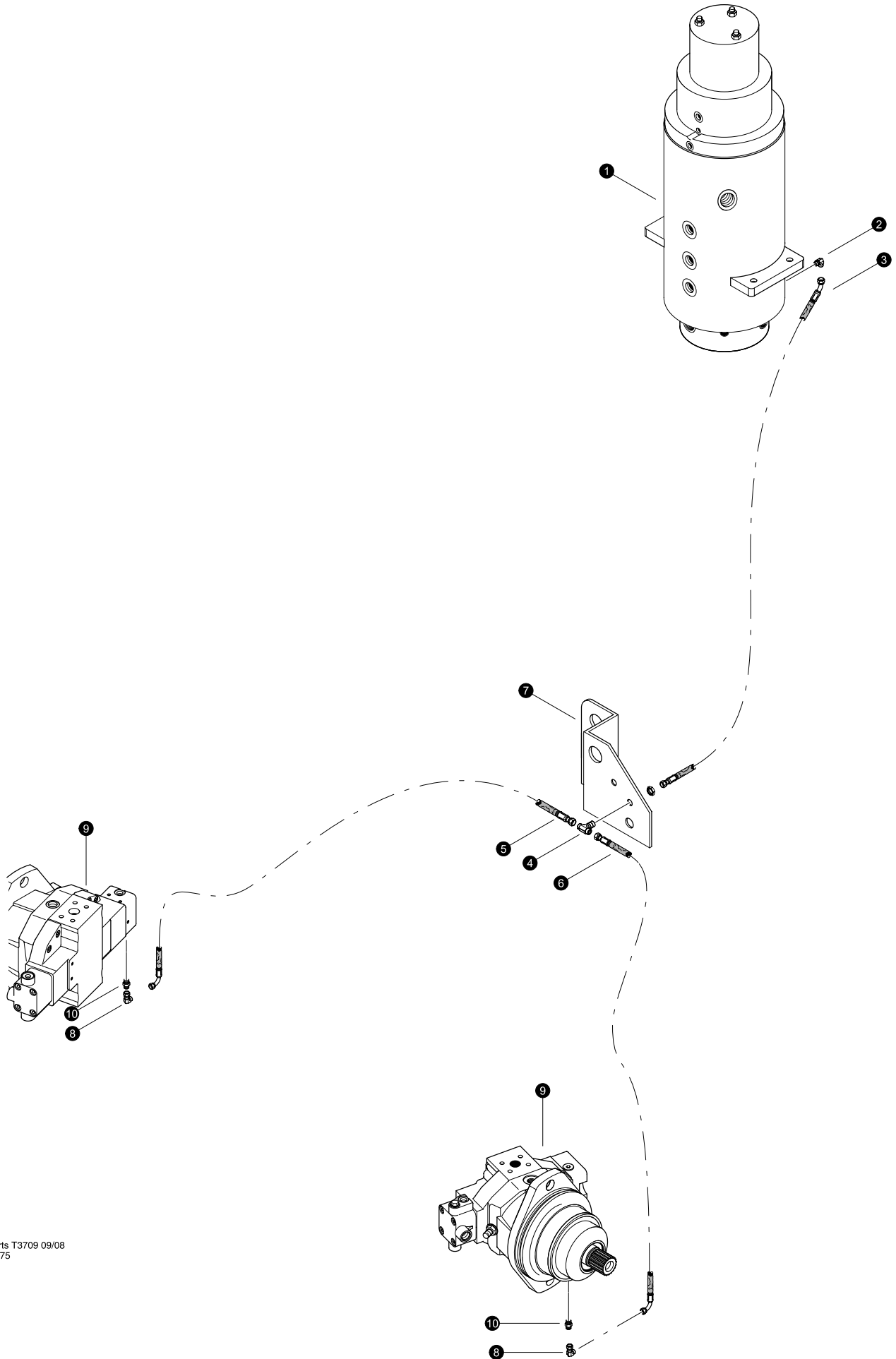


Parts T3708 09/08
18.75

**Motor Flushing Return
(Rotary Manifold to Track Motor Flushing Return)**


REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16296-NV	1	ELBOW, 90 - FF1868T-0606S	
3	-NV	1	HOSE ASSEMBLY - 2065-06-060S-060S-W (bulkhead tee to rotary manifold port 1)	
4	52902-NV	1	BULKHEAD, BRANCH TEE - 6	
5	-NV	1	HOSE ASSEMBLY - 2060-06-060S-0609-W (bulkhead tee to motor)	
6	-NV		HOSE ASSEMBLY - 2048-06-060S-0609-W (bulkhead tee to motor)	
7	REF		BULKHEAD PLATE	NV-3
8	18034-NV	2	CONNECTOR, STR - FF1852T-0606S	
9	REF	2	TRACK DRIVE MOTOR	TS-1
10	53651-NV	2	FITTING, FLUSHING ORIFICE - TRACK MOTOR	


 See referenced page for component or assembly breakdown.



Parts T3709 09/08
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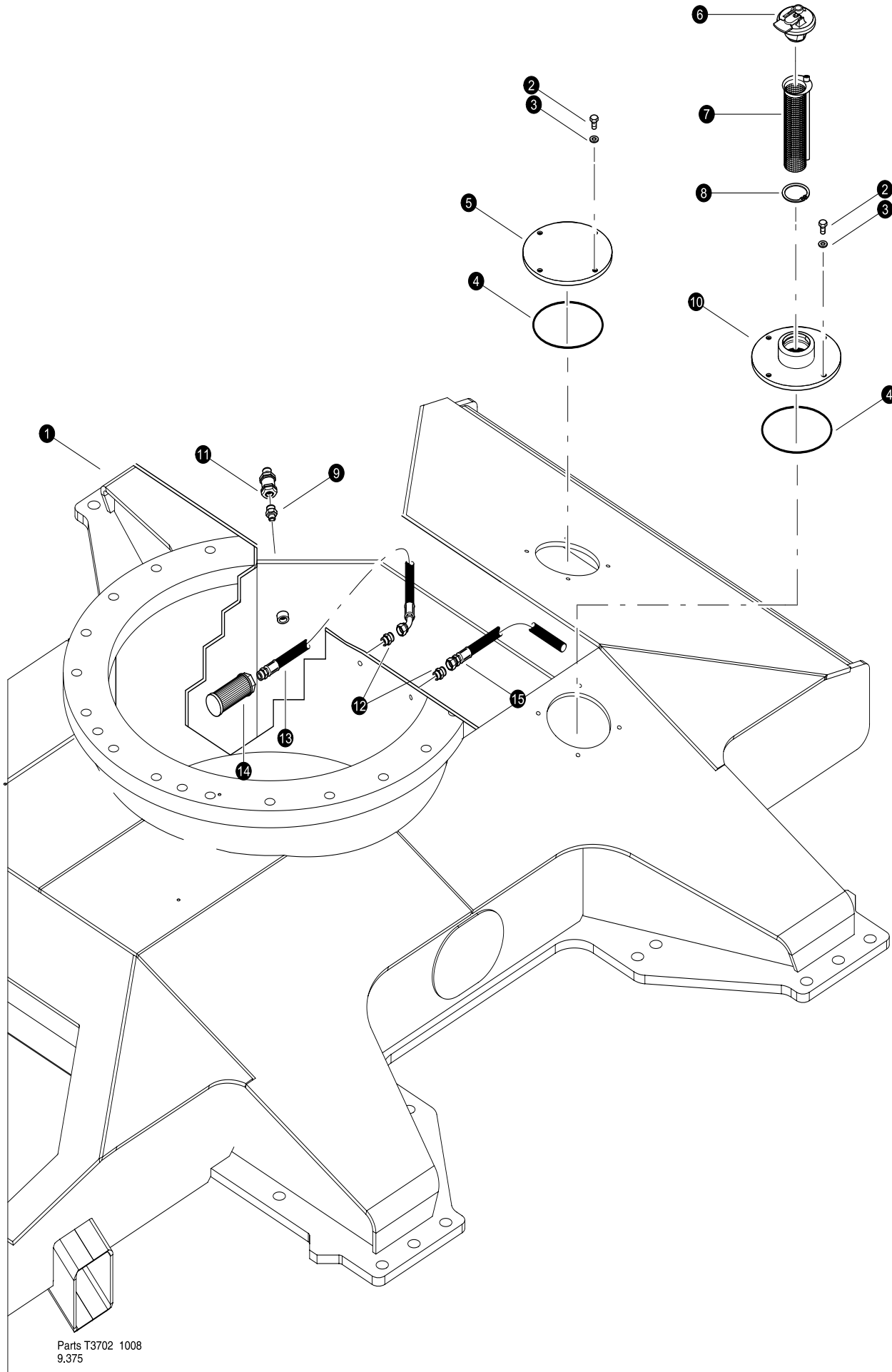
Track Motor Shift (Rotary Manifold to Track Motor Shift)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 ROTORY MANIFOLD	UP-1
2	16540-NV	1	ELBOW, 90 - FF1868T-0404S	
3	-NV	1	HOSE ASSEMBLY - 2066-04-040S-0409-W (bulkhead tee to rotary manifold port 3)	
4	52901-NV	1	BULKHEAD, BRANCH TEE - 4	
5	-NV	1	HOSE ASSEMBLY - 2034-04-040S-0404-W (bulkhead tee to motor)	
6	-NV		HOSE ASSEMBLY - 2049-04-040S-0404-W (bulkhead tee to motor)	
7	REF		BULKHEAD PLATE	NV-3
8	17023-NV	2	ELBOW, 90 SWIVEL - 6500-4	
9	REF	2	TRACK DRIVE MOTOR	TS-1
10	15124-NV	2	CONNECTOR, STR - FF1852T-0406S	

 See referenced page for component or assembly breakdown.


Section NV-3


Non-Leveling Frame - Fuel Tank Components

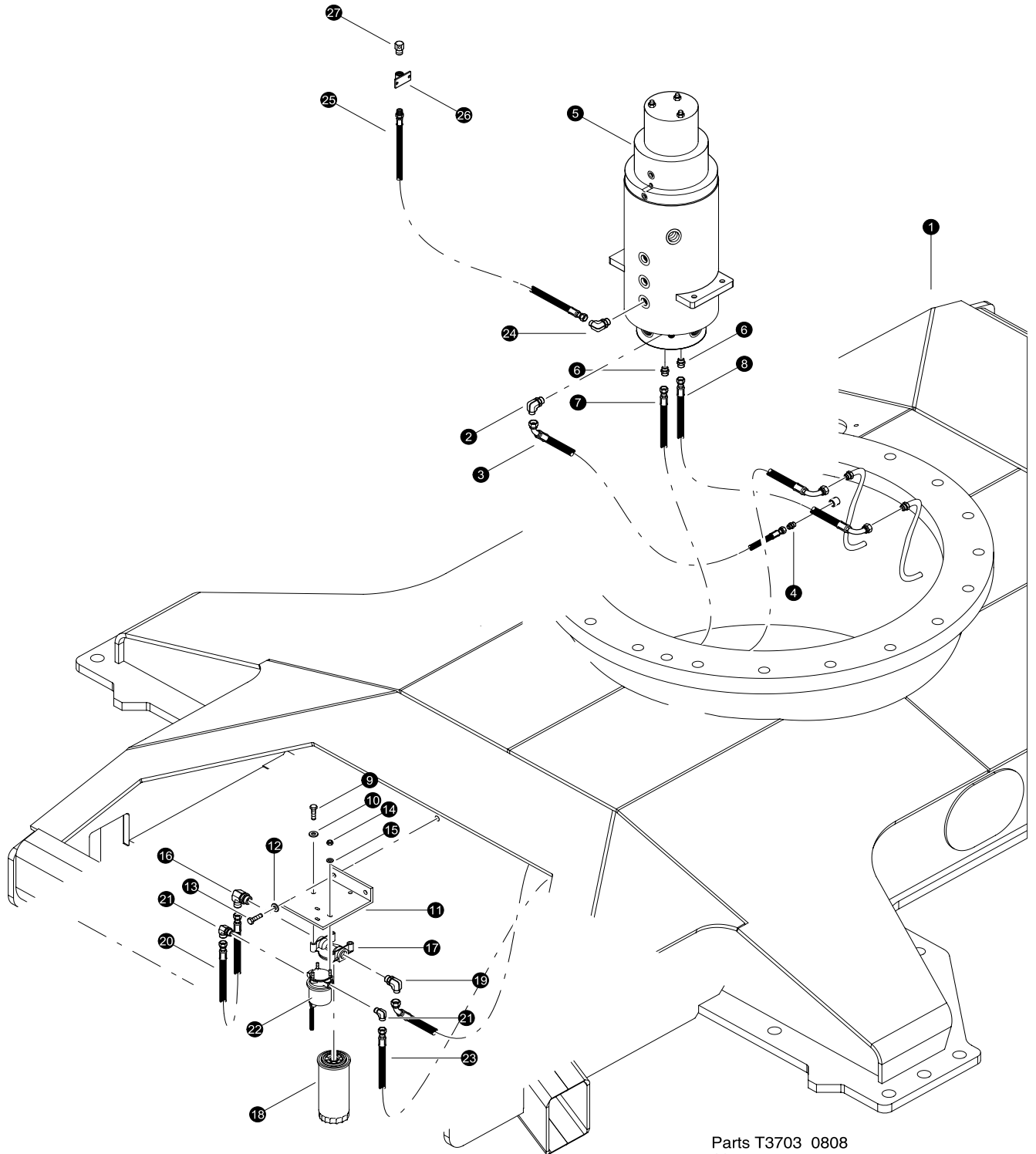


Parts T3702 1008
9.375

FUEL FILL STRAINER INSTALLATION



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 Non-LEVELING FRAME WELDMENT	NV-1
2	10783-NV	4	BOLT - 1/2" x 1"	
3	15534-NV	4	WASHER, SAE flat - 1/2"	
4	15600-NV	1	O-RING - 8"	
5	53203-NV	1	COVER, fuel tank	
6	16585-NV	1	CAP, FUEL - LOCKING	
7	17114-NV	1	STRAINER, FUEL SYSTEM	
8	17115-NV	1	RING, snap - fuel strainer retainer	
9	53107-LV	1	CONNECTOR, STR - 1/2 X 3/8 FF-S	
10	14079-NV	1	COVER, fuel tank	
11	53885-LV	1	VALVE, CHECK - FUEL TANK (replaces 15652)	
12	15117-NV	2	CONNECTOR, STR - FF1852T-0808S	
13	-NV	1	HOSE ASSEMBLY - 2024-08-080S-08MP (Fuel supply)	
14	17271-NV	1	FILTER, screen	
15	-NV	1	HOSE ASSEMBLY - 2036-08-0804 (Fuel return)	

 See referenced page for component or assembly breakdown.



Parts T3703 0808
18.75

FUEL SUPPLY SYSTEM

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	REF.	1	 Non-LEVELING FRAME WELDMENT	NV-1
2	50381-NV	1	ELBOW, 90 - 848-TT-08X04	
3	-NV	1	HOSE ASSEMBLY - 2014-04-04OS-04O4 (Fuel Vent to #2 Port RM)	
4	15488-NV	1	CONNECTOR, STR - 6400-6	
5	REF.	1	 ROTARY MANIFOLD	UP-1
6	18034-NV	2	CONNECTOR, STR - FF1852T-0606S	
7	-NV	1	HOSE ASSEMBLY - 2054-06-06JS-06J9 (Fuel Filter outlet to RMFS)	
8	-NV	1	HOSE ASSEMBLY - 2077-06-06JS-06J9 (RMFR to Fuel Tank Return)	
9	11707-NV	2	BOLT - .375" X 1"	
10	15528-NV	4	WASHER, SAE flat - 3/8"	
11	53197-NV	1	BRACKET, FUEL PUMP/FILTER T/M	
12	15528-NV	4	WASHER, SAE flat - 3/8"	
13	11707-NV	2	BOLT - .375" X 1"	
14	10755-NV	3	NUT, hex - 1/4"	
15	10757-NV	3	WASHER, SAE flat - 1/4"	
16	53073-NV	1	ELBOW, 90 6-JIC X 10-ORB	
17	16574-NV	1	MOUNT, filter head	
18	16575-NV	1	FILTER, spin-on fuel	
19	53073-NV	1	ELBOW, 90 6-JIC X 10-ORB	
20	-NV	1	HOSE ASSEMBLY - 2014-06-06JS-06JS (Fuel Pump to Fuel Filter Inlet)	
21	16882-NV	1	ELBOW, 90 - 849-FSO-6X6	
22	21966-NV	1	PUMP, fuel - 12 volt	
23	-NV	1	HOSE ASSEMBLY - 2077-06-06JS-06J9 (Fuel Tank Supply to Pump Inlet)	
24	50381-NV	1	ELBOW, 90 - 848-TT-08X04	
25	-NV	1	HOSE ASSEMBLY - 2024-04-04OS-04MJ (Fuel tank vent port to fuel vent breather)	
26	12222-NV	1	BRACKET, disc saw gauge mount	
27	22906-NV	1	BREATHER, fuel vent	

 See referenced page for component or assembly breakdown.

