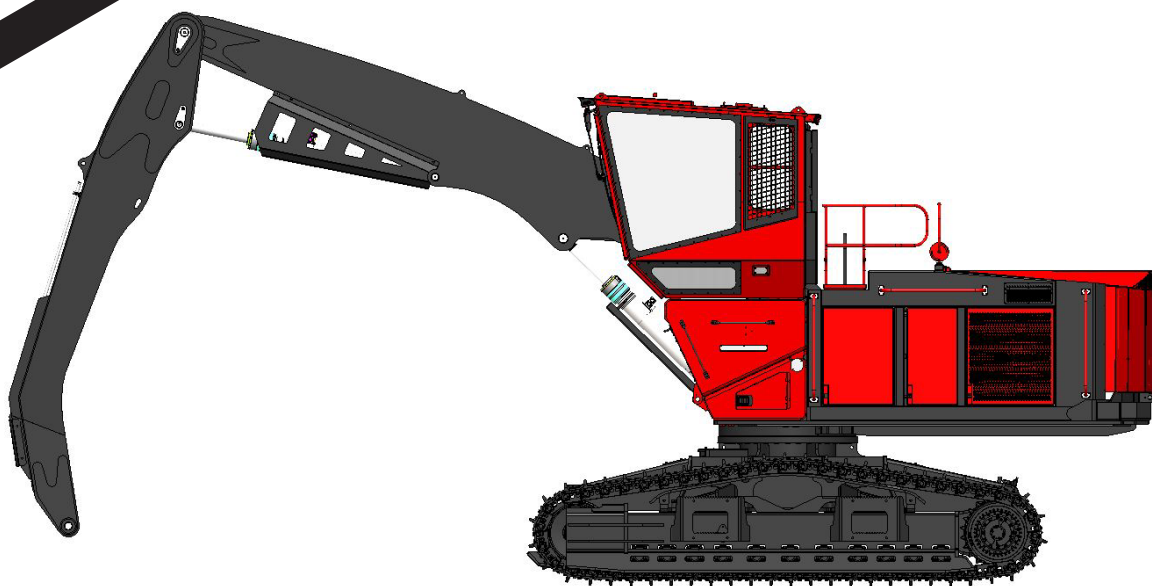


TIMBERPRO

785D Series Parts Manual



Part Number: 56015 Rev. 02
12-25

TimberPro Inc.
1407 Industrial Dr - P.O. Box 415
Shawano, WI 54166
(715)524-7899
www.timberpro.com



SECTION	DESCRIPTION	PAGE
Explantion of Hose Assemblies		A.9
UP	Upper Turntable Components	UP-1-UP-4
EE	Cummins L9 Stage V Engine	EE-1-EE-2
OC	Operator Cab Components	OC-1
RH	Cab Riser	RH-1
ES	Electrical Systems Components	ES-1-ES-2
LLH	Log Loader Hydraulics	LLH-1
LLB	Log Loader Booms	LLB-1
BH	Boom Hydraulics	BH-1
DH	Drive Hydraulics	DH-1-DH-2
NV	Non-Leveling Frame Components	NV-1-NV-2-NV-3
FS	DAFO Fire Suppression	FS-1

Group UP**Upper Turntable****Section UP-1: Structural Components Upper Turntable Installation**

Rotary Manifold and Swing Motor Installation	UP-1-1
Swing Motor Installation	UP-1-3
Auto-Grease System Installation (Swing Drive Bearing)	UP-1-5
Auto-Grease Manifold	UP-1-7
Swing Bearing & Bull Gear Grease Lines	UP-1-8
Butt Plate, Stairs & Tread Plate Installation	UP-1-10
Side Doors & Tool Box Cover Installation	UP-1-12
Guards, Panels and Cover Installation	UP-1-14-UP-1-16
Counter Weight Installation	UP-1-18
Gullwing Door Installation.....	UP-1-20
Gullwing Cylinder Hydraulics.....	UP-1-22
Rotary Manifold	UP-1-24
HOC Manifold	UP-1-26-UP-1-27
Case Drain / Swing Lock Manifold	UP-1-28
Charge Manifold Installation.....	UP-1-29-UP-1-30
Swing Motor & Gearbox	UP-1-32-UP-1-33

Section UP-2: Hydraulic Tank

Hydraulic Tank Installation.....	UP-2-1
Hydraulic Tank Component Installation.....	UP-2-3
Vacuum Pump	UP-2-5-UP-2-6

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

Radiator / Oil Cooler Installation	UP-3-2
Radiator / Oil Cooler Breakdown	UP-3-4
Radiator / Oil Cooler Fan Drive Motor.....	UP-3-6
Radiator Overflow Tank	UP-3-7

Section UP-4 Decals

Upper Turntable Decals.....	UP-4-1
Cab Decals	UP-4-3-UP-4-4
Warning Decals	UP-4-5
Lower Frame Decals	UP-4-7

Group EE**Cummins Electronic Engine****Section EE-1: Cummins L9 Stage V Engine**

Cummins Engine Installation	EE-1-2
Cummins Engine Components.....	EE-1-4
Engine Shields	EE-1-6
120V Block Heater	EE-1-8
Air Cleaner & Air Intake Tube Installation	EE-1-10
Muffler & Mount Installation	EE-1-12
Pump Drive Transmission Breakdown	EE-1-14
Pump Driver Breather	EE-1-16
Charge Air Tubes and Hoses	EE-1-18-EE-20
Def Tank Assembly & Installation.....	EE-1-22
Def Doser Pump & Water Valve.....	EE-1-24

Section EE-2: Cummins L9 Stage V Fuel System

Fuel Lines.	EE-2-2
------------------	--------

Coolant Lines	EE-2-4
Heater Lines	EE-2-6
DEF System Lines.....	EE-2-8
Pre-Heater (ESPAR) Fuel Lines.....	EE-2-8

Group OC

Operator's Cab

Section OC-1: Cab Weldment & Installation

Cab Window & Hatch Access Assembly & Installation	OC-1-1
Rear Entry Door Assembly & Installation	OC-1-3
Cab Insulation, Floor Mat & Attributing Component Installation	OC-1-5
Operator Seat, Foot Pedal & Misc. Component Installation	OC-1-7
Foot Pedal Installation.....	OC-1-9
Operator Seats	OC-1-10-OC-1-18
Cab To Riser Installation	OC-1-19
Interior Electrical Component Installation.....	OC-1-20-OC-1-23
IQAN Locker Installation.....	OC-1-24
IQAN Locker Components	OC-1-26-OC-1-29
IQAN Component Kit.....	OC-1-30
Main Electrical Center	OC-1-31-OC-1-32
Heat & AC Components	OC-1-33
Can Heater Breakdown.....	OC-1-35
Heater / Air Conditioner Controller	OC-1-36
Heater / Air Conditioner Binary Air Temp Sensor.....	OC-1-37
Cabin Heater Water Valve.....	OC-1-37
Air Conditione Drier.....	OC-1-38
Air Conditioning Refrigerant Decal.....	OC-1-38
Air Conditioning Hose Installation	OC-1-39
Heater And DEF Hose Installation	OC-1-40
A/C Dryer & Binary Switch Installation.....	OC-1-42
Cab Pressurizer Installation	OC-1-43
Windshield Wiper Assembly	OC-1-44
Windshield Wiper Arm Lock	OC-1-45
Work Light Installation.....	OC-1-46
Seat & Peripherals Assembly.....	OC-1-48
MD4-10 Screen & Camera Mount Installation	OC-1-50
Komtrax Components & Installation.....	OC-1-52

Group RH

Cab Riser

Section RH-1: Cab Riser

Lower Riser Assembly & Installation	RH-1-2
Upper Riser Component & Installation.....	RH-1-4
Lift Pump & Manifold Installation.....	RH-1-6
Riser / Gullwing Door Hydraulic System Assembly & Installation.....	RH-1-8
Lock Cylinder Grease Lines	RH-1-10
Cab Tilt, Pin Lock & Gullwing Door Control	RH-1-12
Work Light & Cover Installation.....	RH-1-14
Grab Handle Installation.....	RH-1-16
Riser / Gullwing Door Lift Pump Components	RH-1-18
Riser / Gullwing Door Hyd. Manifold	RH-1-20
Cab Tilt Cylinder	RH-1-22
Cab Pin Lock Cylinder.....	RH-1-23

Group ES**Electrical System****Section ES-1: Engine Electrical**

Battery Installation	ES-1-1
Battery Cable Installation	ES-1-2
Control Panel Components	ES-1-4-ES1-6
Cummins Stave V After Treatment Electrical Harness.....	ES-1-7
Cummins Stave V Gearbox Cooler Electrical Harness	ES-1-8
Cummins Stage V Grid Heater Cable	ES-1-9
Engine Pumps, Control Panel & Main Valve Wire Harness	ES-1-10
Cummins Stave V Def System Electrical Harness.....	ES-1-11
Charge Fan, Motor-Shift, Disc Saw, Parking Brake & Hyd. Tank Harness	ES-1-12
Cummins Stave V Engine Harness.....	ES-1-14
Main Electrical Center Harness	ES-1-16
Back-Up Alarm & Horn Wire Harness	ES-1-17
Back-Up Alarm & Horn Installation.....	ES-1-18

Section ES-2: Cab Electrical System

Forward & Rear Cab Light Harness.....	ES-2-2
MD4 Screen Assembly & Front Door Light Harness.....	ES-2-4-ES-2-7
Gullwing Door Camera Installation & Wire Harness	ES-2-8
Windshield Washer Tank & Electrical Harness Installation	ES-2-10
HVAC & Dash Panel Component Harness & Installation	ES-2-12
Front Work Light Electrical Harness & Installation	ES-2-14
Remote Light Electrical Harness & Installation	ES-2-16
Remote Light Electrical Box Assembly.....	ES-2-18
Main Electrical Center Assembly.....	ES-2-19-ES-2-20
IQAN Left & Right Control Pods.....	ES-2-21
Hand Control Breakdown	ES-2-23

Group LLH**Log Loader Hydraulics****Section LL-1: Log Loader Hydraulics**

210cc Implement Pump Installation	LLH-1-2
60cc Auxiliary Pump Installation.....	LLH-1-4
HOC & Hydraulic Oil Cooler Connections.....	LLH-1-6
Charge Manifold Hydraulic Connections.....	LLH-1-8
Hyd. Cooler Fan Motor Hose Connections	LLH-1-10
Charge Pump Suction Hose Components	LLH-1-12
Swing Circuit Hyd. Hose Connections	LLH-1-14
Swing Case Drain Hyd. Hose Connections	LLH-1-16
Swing Brake Hyd. Hose Connections	LLH-1-18
Auto Grease System Installation.....	LLH-1-20
EVO Drain Circuit	LLH-1-22
Supply, Return & Flushing Circuits.....	LLH-1-24
210cc Implement Pump.....	LLH-1-26
Hydrostatic Swing Pump - 56cc	LLH-1-27-LLH-1-37
Charge Pump - Dual Flow.....	LLH-1-38
60cc Auxiliary Pump.....	LLH-1-39-LLH-1-45
71cc Auxiliary Pump.....	LLH-1-46-LLH-1-52
Case Drain Manifold.....	LLH-1-53
Auto Grease Manifold.....	LLH-1-54
Rexroth Main Control Valve	LLH-1-55-LLH-1-60
Parker 450/300 Main Control Valve	LLH-1-61-LLH-1-70

Group LLB**Log Loader Booms****Section LLB-1: Log Loader Boom Assembly**

Mill Yard Main & Stick Boom Assembly	LLB-1-2
Mill Yard Main & Stick Boom Grease Line Assembly & Installation	LLB-1-4
Mill Yard Main & Stick Boom Assembly (Live Heel)	LLB-1-6
Mill Yard Main & Stick Boom Grease Line Assembly & Installation (Live Heel)	LLB-1-8
Arm Light installation	LLB-1-10
Live Heel Components	LLB-1-12
Live Heel Installation	LLB-1-14
Main Boom Cylinder Components	LLB-1-16
Stick Boom Cylinder Components	LLB-1-17
Heel Boom Cylinder	LLB-1-18

Group BH**Log Loader Boom Hydraulics****Section BH-1: Log Loader Boom Hydraulics**

Main Boom Cylinder Hydraulics - (Rexroth Valve) - (Up To SN. 1153)	BH-1-2
Stick Boom Cylinder Hydraulics - (Rexroth Valve) - (Up To SN. 1153)	BH-1-4
Grapple Open/Close Boom Hydraulics - (Rexroth Valve) - (Up To SN. 1153)	BH-1-6
Grapple Rotate Boom Hydraulics - (Rexroth Valve) - (Up To SN. 1153)	BH-1-8
Main Boom Cylinder Hydraulics - (Parker Valve) - (SN. 1154 & Forward)	BH-1-10
Stick Boom Cylinder Hydraulics - (Parker Valve) - (SN. 1154 & Forward)	BH-1-12
Heel Boom Cylinder Hydraulics - (Parker Valve) - (SN. 1154 & Forward)	BH-1-14
Grapple Open/Close Boom Hydraulics - (Parker Valve) - (SN. 1154 & Forward)	BH-1-16
Grapple Rotate Boom Hydraulics - (Parker Valve) - (SN. 1154 & Forward)	BH-1-18

Group DH**Track Drive Hydraulics****Section DH-1: Track Drive Pump Components**

Pump, Track Drive - LH (VGT90) Components	DH-1-2-DH-1-12
Pump, Track Drive - RH (VGT90) Components	DH-1-13-DH-1-29

Section DH-2: Track Drive Hydraulics System & Installation

Upper Driveline Installation	DH-2-2
Charge Manifold Hydraulic Connections	DH-2-4
Motor Shift & Parking Brake Hydraulics	DH-2-6

Group NV**Non-Leveling Carbody & Track Frame****Section NV-1: Carbody & Frame Components**

Carbody & Access Cover Installation	NV-1-1
Rear Trunk Components & Lid Installation - (11 Roller Track Frame) - (Up to SN 1168)	NV-1-3
Track Frame Components & Installation - (11 Roller-54 Link Tracks) - (Up to SN 1168)	NV-1-5
Track Frame Steps - (11 Roller-54 Link Tracks) - (Up to SN 1168)	NV-1-7
12 Roller Crawler Box Carbody - (SN. 1169 and 1180)	NV-1-8
Carbody Debris Deflector	NV-1-9
12 Roller Carbody Covers & Crawler Box Covers - (SN. 1169 and 1180)	NV-1-11
12 Roller Crawler Box Carbody - (SN. 1181 and Forward)	NV-1-13
12 Roller Carbody Truck Components - (SN. 1169 and Forward)	NV-1-14
Carbody Track Chutes - (SN 1181 & Forward)	NV-1-16

Carbody Fuel Tank Components - (SN. 1181 & Forward)	NV-1-17
12 Roller LH Crawler Box - (SN. 1169 & Forward)	NV-1-18
12 Roller RH Crawler Box - (SN. 1169 & Forward)	NV-1-20
12 Roller Crawler Box Counter Weight - (SN. 1169 & Forward)	NV-1-22
57 Link (12 Roller) Track Chain Assemblies - (SN. 1169 and Forward)	NV-1-23-NV-1-30

Section NV-2: Non-Leveling Track Frame Hydraulics

Drive Motor Hydraulics - 12 Roller Track Frames - (SN. 1181 & Forward)	NV-2-2-NV-2-4
Carbody Fuel Hoses - 12 Roller Track Frames - (SN. 1181 & Forward)	NV-2-5
Rotary Manifold Grease Line - 12 Roller Track Frames - (SN. 1181 & Forward)	NV-2-6
Drive Motor Hydraulics - 11 Roller Track Frames - (Up to SN. 1168)	NV-2-7-NV-2-9
Drive Motor Hydraulics - 12 Roller Track Frames - (SN. 1169 & Forward)	NV-2-10-NV-2-12

Section NV-3: Non-Leveling Track Frame Fuel Tank Components

Fuel Supply System	NV-3-1-NV-3-3
--------------------------	---------------

Group FS

Fire Suppression System

Section FS-1: DAFO Fire Suppression

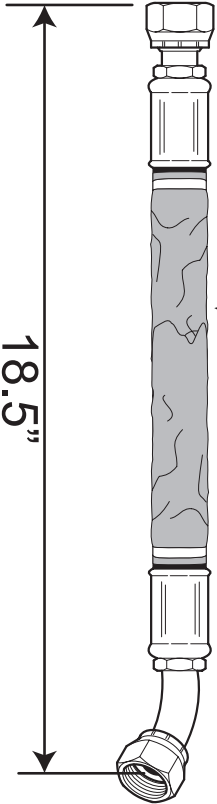
DAFO Component Installation	FS-1-2
Nitrogen Supply Hose Installation	FS-1-4
Agent Supply Installation	FS-1-6
Detection & Activation Cable Installation	FS-1-8-FS-1-10

Hydraulic Hose Code

Common Hose Description: 2018.5-08-080S-0804-WS

2 018.5 - 08 - 08 0S - 08 04 - WS

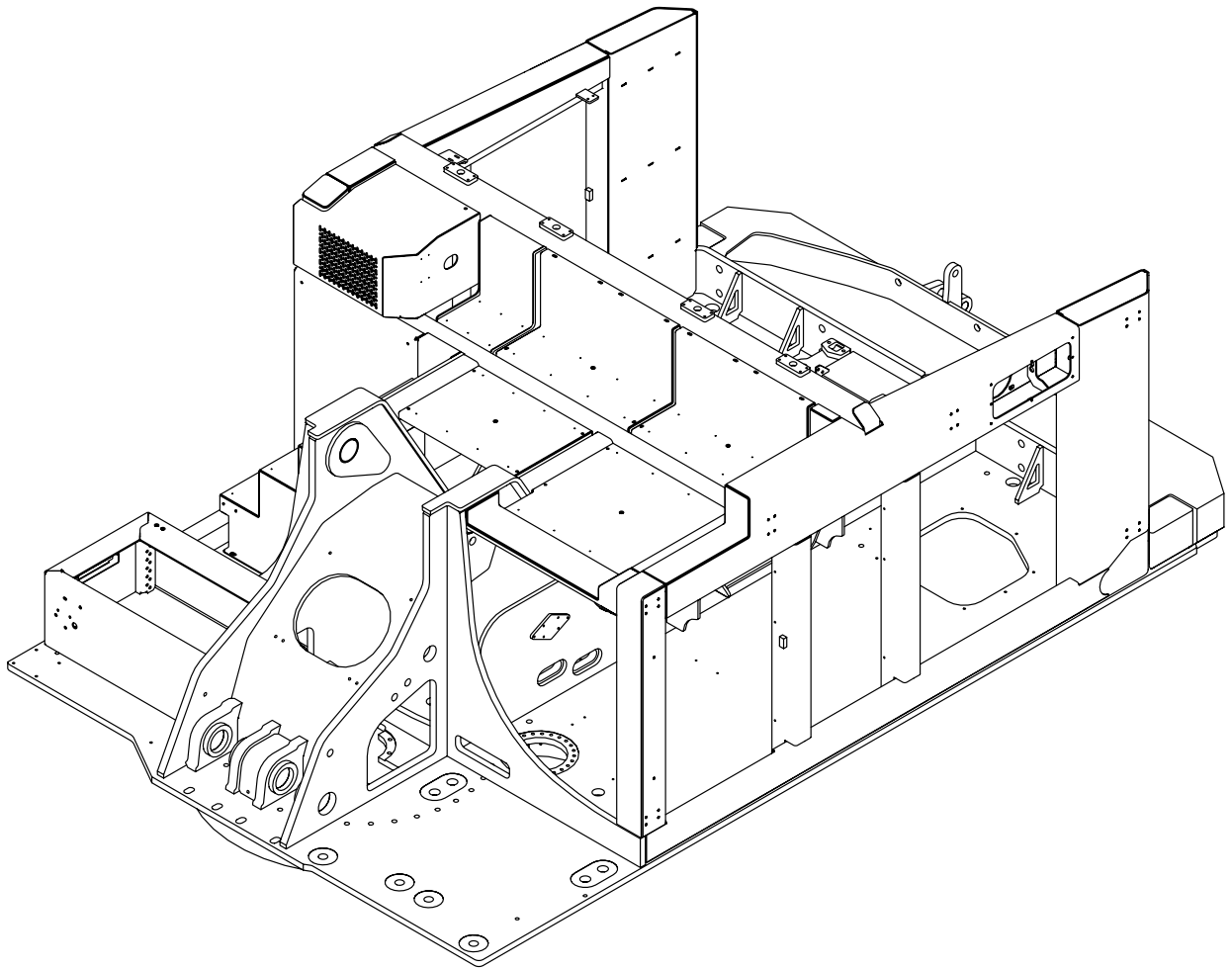
# of Wires (Pressure Rating)	Overall Length	Special	Hose Diameter	Coupling 1 Size	Style 1	Coupling 2 Size	Style 2	Protective Wrap
2 4 5 6	XXX (inches)	CS FR FS	02 = 1/8" 04 = 1/4" 06 = 3/8" 08 = 1/2" 10 = 5/8" 12 = 3/4" 16 = 1" 20 = 1 1/4" 24 = 1 1/2" 32 = 2" 48 = 2 1/2"	02 04 06 08 10 12 16 20 24 32 48		02 04 06 08 10 12 16 20 24 32 48		WS = Wear Sleeve SW = Sprial Wrap AG = Flat Armor Guard SG = Metal Spring Guard AC = Against Curve



Fitting Styles
MJ = Male Jic Str. JS Female Jic Str. J4 = Female Jic 45 J9 = Female Jic 90 OM = Male O-Ring Face OS = Female O-Ring Face O4 = Female O-Ring Face 45 O9 = Female O-Ring Face 90
MP = Male Pipe FP = Female Pipe PS = Male Pipe Swivel PA = Code 61 Flange PA4 = Code 61 Flange 45 PA9 = Code 61 Flange 90 PH = Code 62 Flange PH4 = Code 62 Flange 45 PH9 = Code 62 Flange 90

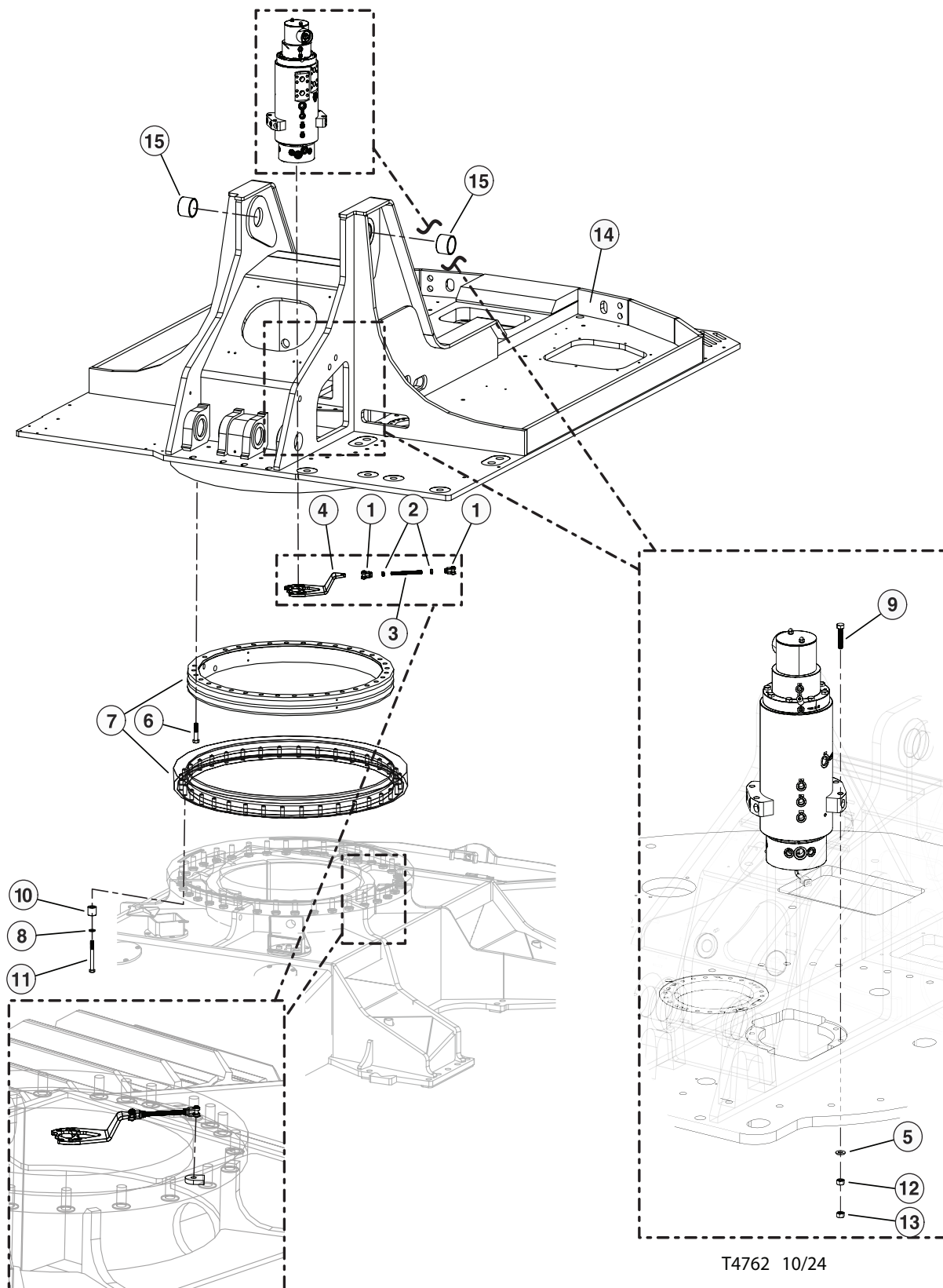
SECTION UP-1

UPPER TURNABLE STRUCTURAL COMPONENTS, DOORS, AND COVERS



UPPER TURNTABLE

ROTARY MANIFOLD AND SWING BEARING INSTALLATION



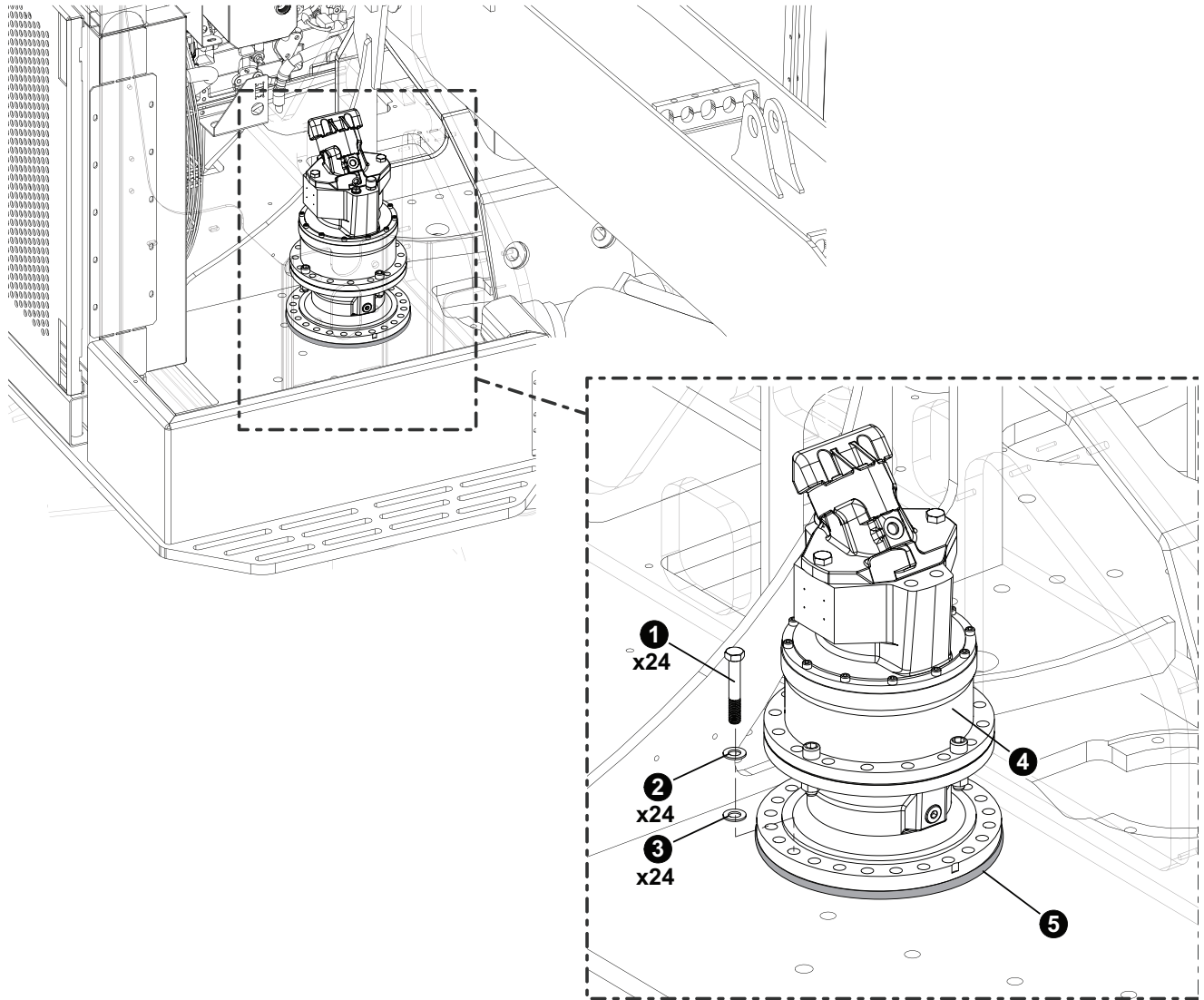
UPPER TURNTABLE

ROTARY MANIFOLD AND SWING BEARING INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	52381	2	YOKE, ROTARY MANIFOLD 5/8 X 5/8 (Assembly includes pin)
2	52395	2	NUT, JAM .63-18NF HEX (PLATED)
3	52394	1	STUD, 5/8"-18NF X 7.5 LG (ZINC PLATED)
4	60506	1	BRACKET, SWIVEL LOCK ARM - T/M TAIL
5	23210	4	WASHER, SAE FLAT - .625" (EXTRA THICK)
6	51690	34	BOLT, ALLEN HEAD - 1" X 4.5" (SWING BRG)
7	58591	1	BEARING, SWING - DOUBLE BALL LOG LOADER
8	18532	36	WASHER, 1" SAE
9	10838	4	BOLT - .625" X 5"
10	53143	36	SPACER, BOLT - LOWER TURNTABLE 1.50 LG
11	18535	36	BOLT - 1" X 5"
12	17515	4	NUT, HEX - .625"
13	10816	4	NUT, LOCK - .625"
14	660050	1	WELDMENT, LOG LOADER UPPER TURNTABLE
15	62488	2	BUSHING, 4.5" X 4.0" X 3.19 LG - MAIN BOOM

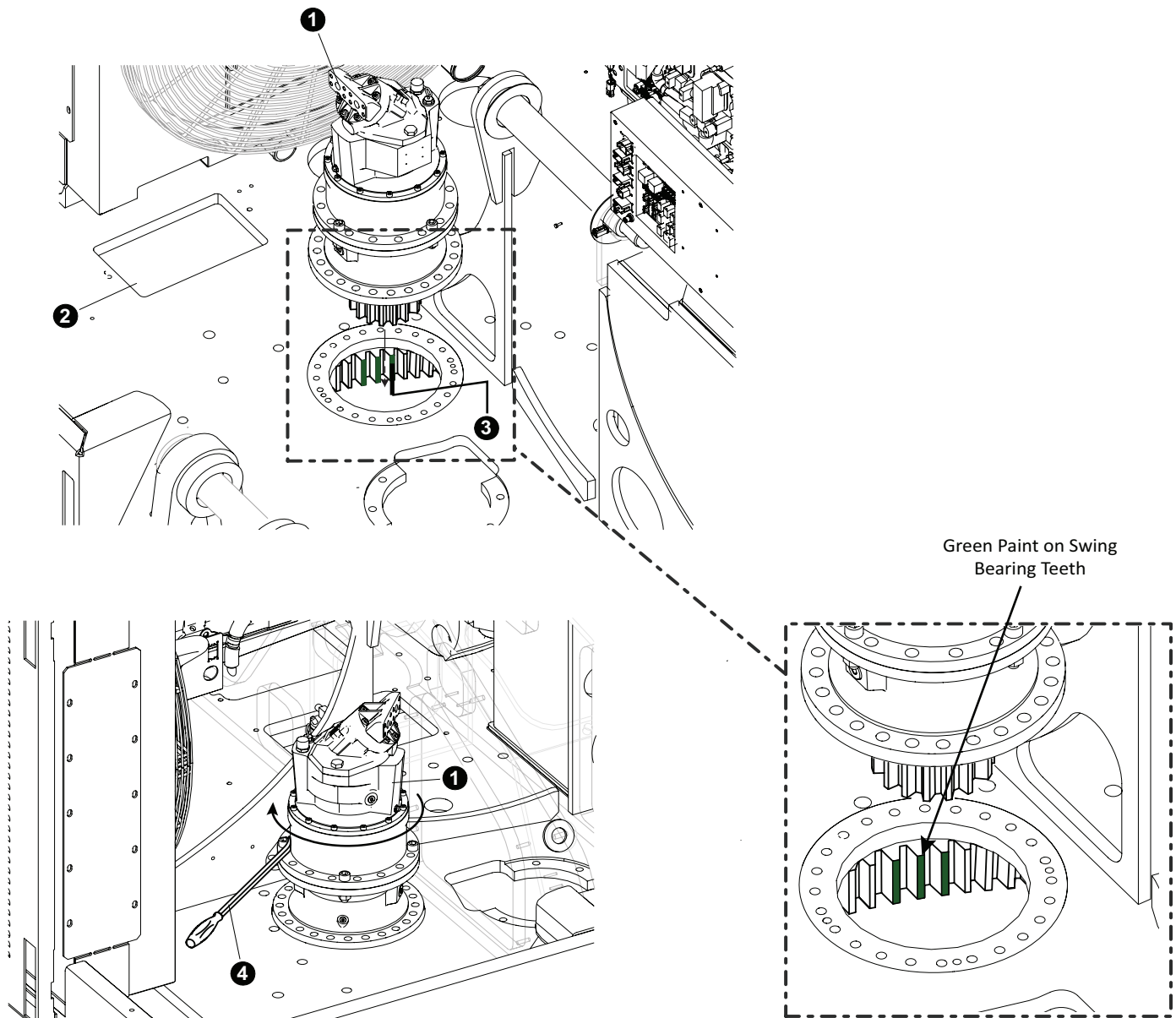
UPPER TURNTABLE

(SWING MOTOR INSTALLATION)



REF	PART #	QTY	DESCRIPTION
1	57870	24 (per motor)	BOLT - .625" X 2.75" (Torque to 230 ft.lbs (310 Nm))
2	57871	24 (per motor)	WASHER, SURELOK - 5/8" (SWING GEARBOX)
3	23210	24 (per motor)	WASHER, SAE FLAT - .625" (EXTRA THICK)
4	57213	2	MOTOR, SWING - L&S 32.5:1 / 56CC
5	54026	1	RING, SPACER SWING GEARBOX

UPPER TURNTABLE (SWING MOTOR INSTALLATION)



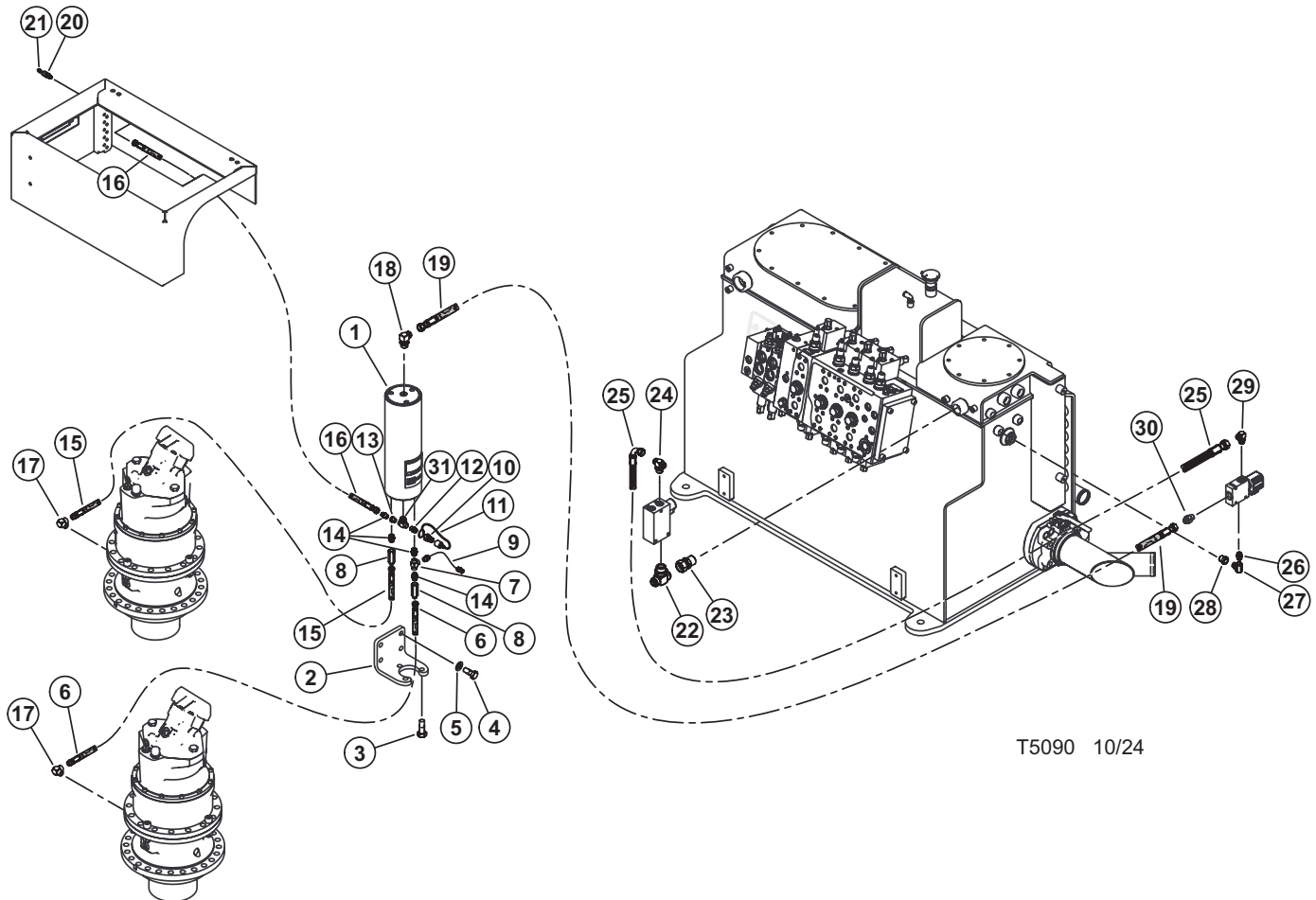
INSTALLING THE ECCENTRIC SWING MOTOR:

IMPORTANT:

1. Locate the green paint on the swing bearing teeth (3) by rotating the swing bearing until the green teeth are centered below the upper turntable (2).
2. Using a lifting device, lower the Eccentric swing motor (1) onto the upper turntable (2).
 - a. Note: It may be necessary to lift the swing motor back out of position and rotate the motor until the motor fits snug with the upper turntable.
2. Once the swing motor is in place, using a pry bar (4), turn the motor clockwise until tight.
3. Additional adjustments may be required. Use the closest set of bolt holes to fasten the motor to the upper turntable.

UPPER TURNTABLE

(AUTO GREASE SYSTEM INSTALLATION)(SWING DRIVE GEARCASE BEARING)



T5090 10/24

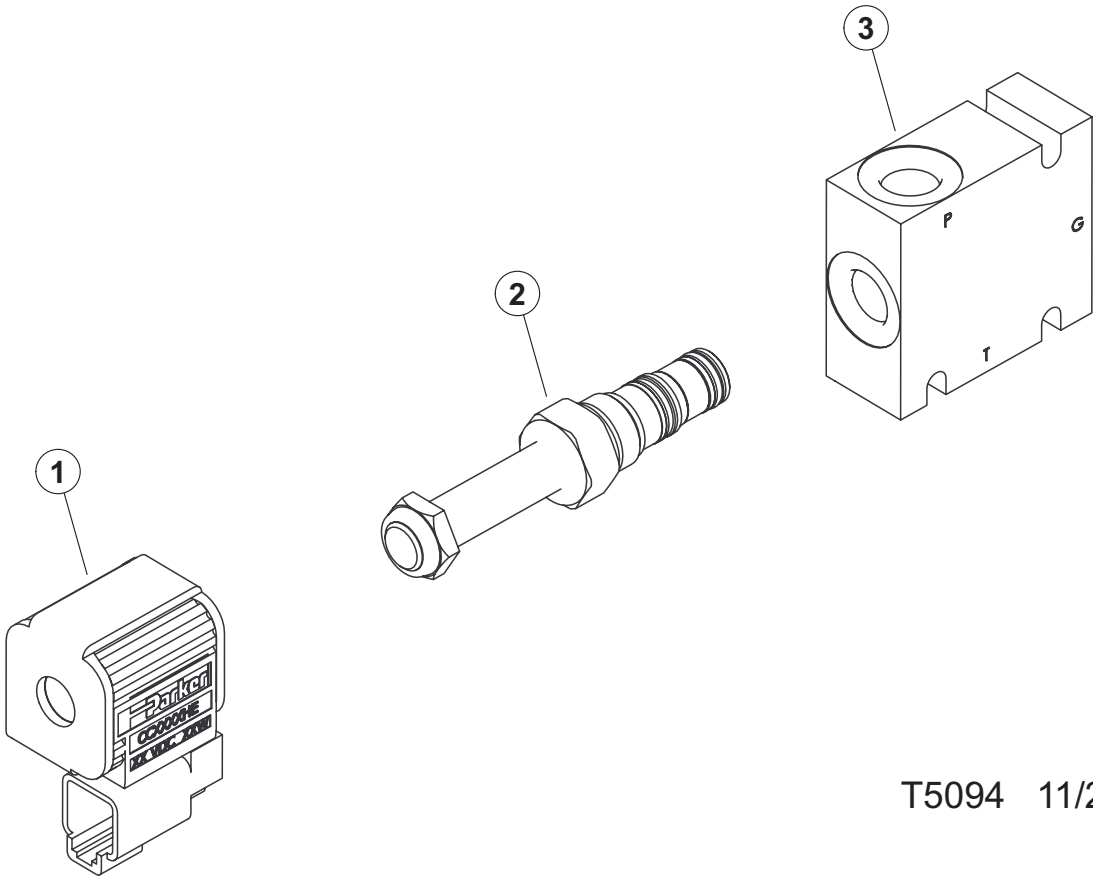
UPPER TURNTABLE

(AUTO GREASE SYSTEM INSTALLATION)(SWING DRIVE GEARCASE BEARING)

REF	PART #	QTY	DESCRIPTION
1	57303	1	ACCUMULATOR, GREASE SYSTEM
2	48344	1	PLATE, GREASE TUBE MOUNT
3	(CALL)	2	BOLT - M12-1.75 X 30MM
4	10402	2	BOLT - .375" X 1.25"
5	15528	2	WASHER, SAE FLAT - .375"
6	(See Description)	1	HOSE ASSY. - (PART # HLBD115 02-02PS-04JS-W) - Grease acc to right swing
7	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S
8	57498	2	VALVE, CHECK - ORIFICE GREASE SYSTEM
9	57596	1	TRANSDUCER, PRESSURE - GREASE SYSTEM
10	17307M	1	QUICK DISCONNECT - .5" (MALE)
11	17323F	1	COVER, DUST - QUICK DISCONNECT (FEMALE)17307M
12	53107	1	CONNECTOR, STR - 1/2 X 3/8 FF-S
13	16294	1	BUSHING, REDUCER - 6410-6-4
14	18034	2	CONNECTOR, STR - FF1852T-0606S
15	(See Description)	1	HOSE ASSY. - (PART # HLBD17 02-02PS-04JS-W) - Grease acc to left swing
16	(See Description)	1	HOSE ASSY. - (PART # HLBD130 02-02PS-04JS-W) - Grease acc fill
17	22281	2	ELBOW, 90 - 5546132
18	57586	1	ELBOW, 90 4-5 GREASE ACCUMULATOR
19	(See Description)	1	HOSE ASSY - (PART # 387TC102 04-04OS-04OS-W) - Greaser valve to acc
20	15658	1	CONNECTOR, STR BULKHEAD - 2239-2-4S
21	10704	1	GREASE ZERT - STR
22	55622	1	TEE, BRANCH - STRAIGHT THREAD #16
23	15497	1	CONNECTOR, STR - 16 F5OX-S
24	55701	1	FITTING, TEE - 6 R5OX-S
25	(See Description)	1	HOSE ASSY - (PART # 387TC16.5 06-06JS-06J9-W) - Grease valve to charge
26	18034	2	CONNECTOR, STR - FF1852T-0606S
27	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S
28	22909	1	BUSHING, REDUCER - 6410-8-6
29	15480	1	ELBOW, 90 - 6801-6
30	54809	1	CONNECTOR, STR - 4 JIC x -6 ORB
31	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S

UPPER TURNTABLE

AUTOGREASE MANIFOLD

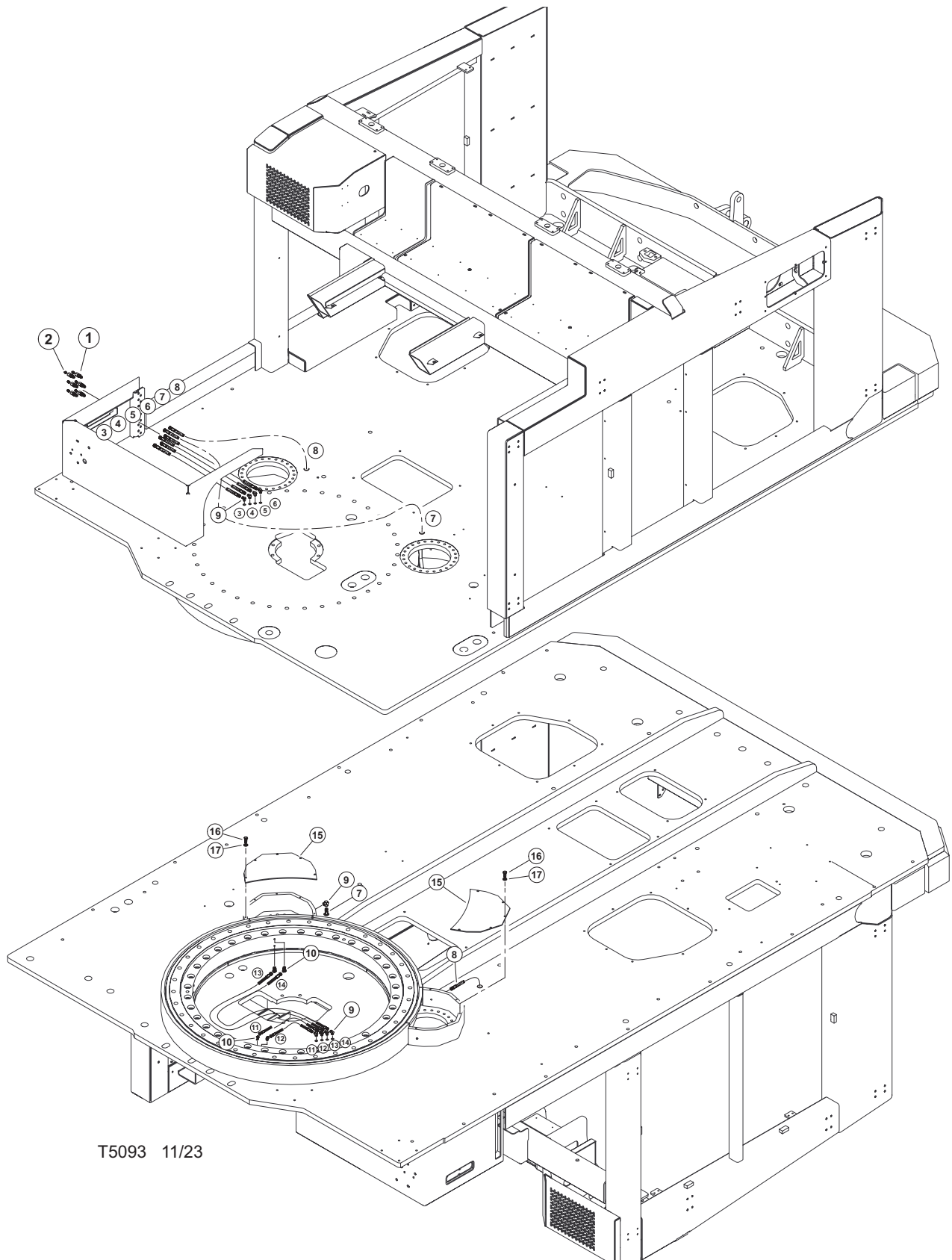


T5094 11/23

REF	PART #	QTY	DESCRIPTION
	57509	1	VALVE, AUTO GREASE SYSTEM
1	CCXXXHE-57509	1	COIL - 24V
2	DSL083A-57509	1	CARTRIDGE
3	57509-BODY	1	BODY

UPPER TURNTABLE

SWING BEARING & BULL GEAR GREASE LINES



T5093 11/23

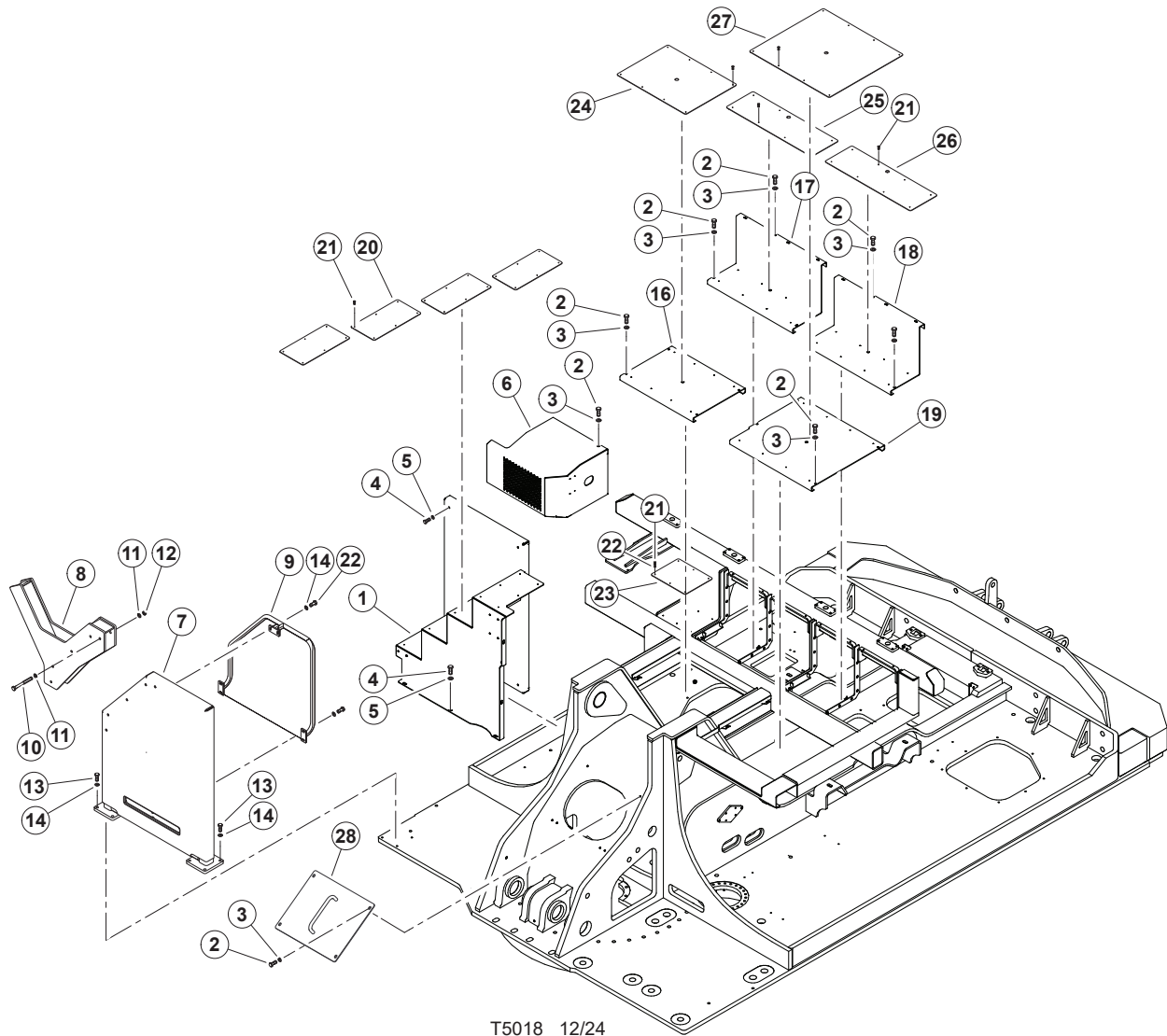
UPPER TURNTABLE

SWING BEARING & BULL GEAR GREASE LINES

REF	PART #	QTY	DESCRIPTION
1	15658	6	CONNECTOR, STR BULKHEAD - 2239-2-4S
2	10704	6	GREASE ZERT - STR
3	(See Description)	1	HOSE ASSY. - (PART # HLBD37 02-02PS-04JS-W) (GREASE ZERT TO 90° FITTING)
4	(See Description)	1	HOSE ASSY. - (PART # HLBD37.5 02-02PS-04JS-W)(GREASE ZERT TO 90° FITTING)
5	(See Description)	1	HOSE ASSY. - (PART # HLBD38 02-02PS-04JS-W)(GREASE ZERT TO 90° FITTING)
6	(See Description)	1	HOSE ASSY. - (PART # HLBD38.5 02-02PS-04JS-W)(GREASE ZERT TO 90° FITTING)
7	(See Description)	1	HOSE ASSY. - (PART # HLBD138 02-02PS-04JS-W) (GREASE ZERT TO BULL GEAR)
8	(See Description)	1	HOSE ASSY. - (PART # HLBD33 02-02PS-04JS-W) (GREASE ZERT TO BULL GEAR)
9	22281	9	FITTING, 90° - 5546132
10	16263	4	ELBOW, 45 SWIVEL FEMALE - 1504-2-2
11	(See Description)	1	HOSE ASSY. - (PART # HLBD24 02-02PS-04JS) (90° FITTING TO SWING BEARING)
12	(See Description)	1	HOSE ASSY. - (PART # HLBD24 02-02PS-04JS) 90° FITTING TO SWING BEARING)
13	(See Description)	1	HOSE ASSY. - (PART # HLBD42 02-02PS-04JS) (90° FITTING TO SWING BEARING)
14	(See Description)	1	HOSE ASSY. - (PART # HLBD42 02-02PS-04JS) (90° FITTING TO SWING BEARING)
15	48691	2	COVER, ACCESS - PINION GEAR
16	11707	10	BOLT - .375" X 1.00"
17	15528	10	WASHER, SAE FLAT - .375"

UPPER TURNTABLE

(BUTT PLATE, STAIRS & TREAD PLATE INSTALLATION)



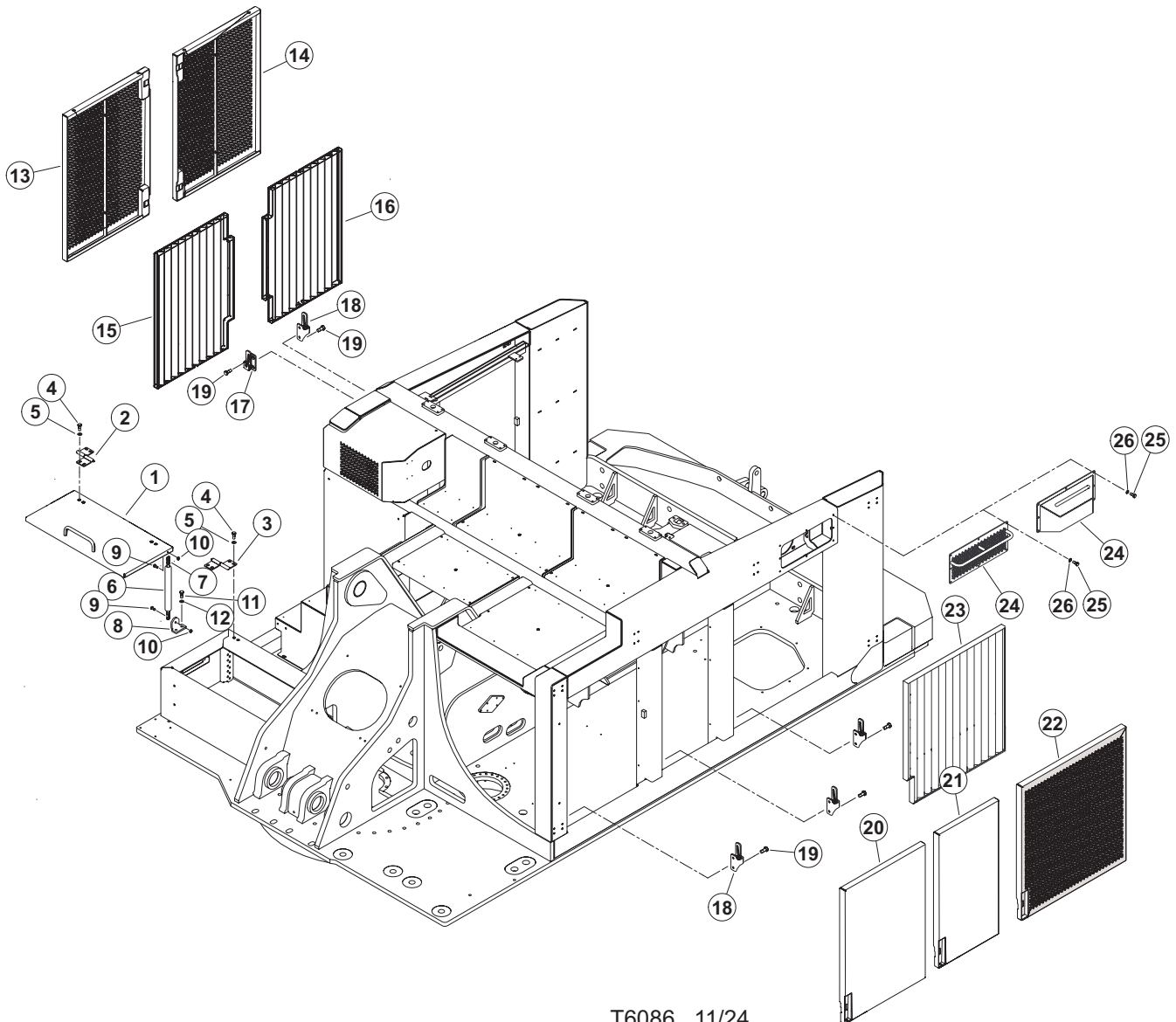
UPPER TURNTABLE

(BUTT PLATE, STAIRS & TREAD PLATE INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	661880	1	WELDMENT, STEP-LL
2	11707	20	BOLT - .375" X 1.00"
3	15528	20	WASHER, SAE FLAT - .375"
4	20050	7	BOLT - .4375" X 1.25"
5	15548	7	WASHER, SAE FLAT - .4375"
6	66135	1	WELDMENT, TOP DOOR-LL
7	62380	1	WELDMENT, FRONT BUTT PLATE - LOG LOADER
8	62382	1	WELDMENT, KICKER SRUP -LOG LOADER
9	65564	1	WELDMENT, LL TOOLBOX HANDRAIL
10	10834	5	BOLT - .5" X 4.00"
11	10804	10	WASHER, FLAT - .5"
12	15533	5	NUT, NYLOCK - .5"
13	50100	8	BOLT - .5" X 1.25"
14	15534	15	WASHER, SAE FLAT - .5"
16	66175	1	WELDMENT, MID STEP
17/18	66058	2	WELDMENT, REMOVABLE BOOM WALKWAY
19	66185	1	WELDMENT, DOOR STEP
20	66258	4	PLATE, TREAD
21	81465 (Lawson)	AR	BUTTON HEAD SOCKET CAP SCREW STEEL #10-24 X 3/4"
22	10783	6	BOLT - .5" X 1.00"
23	62469	1	PLATE, TREAD
24	66261	1	PLATE, TREAD
25/26	66064	2	PLATE, TREAD
27	66262	1	PLATE, TREAD
28	66353	1	PLATE, COVER - ROTARY MANIFOLD - LL

UPPER TURNTABLE

(SIDE DOORS & TOOL BOX COVER INSTALLATION)



T6086 11/24

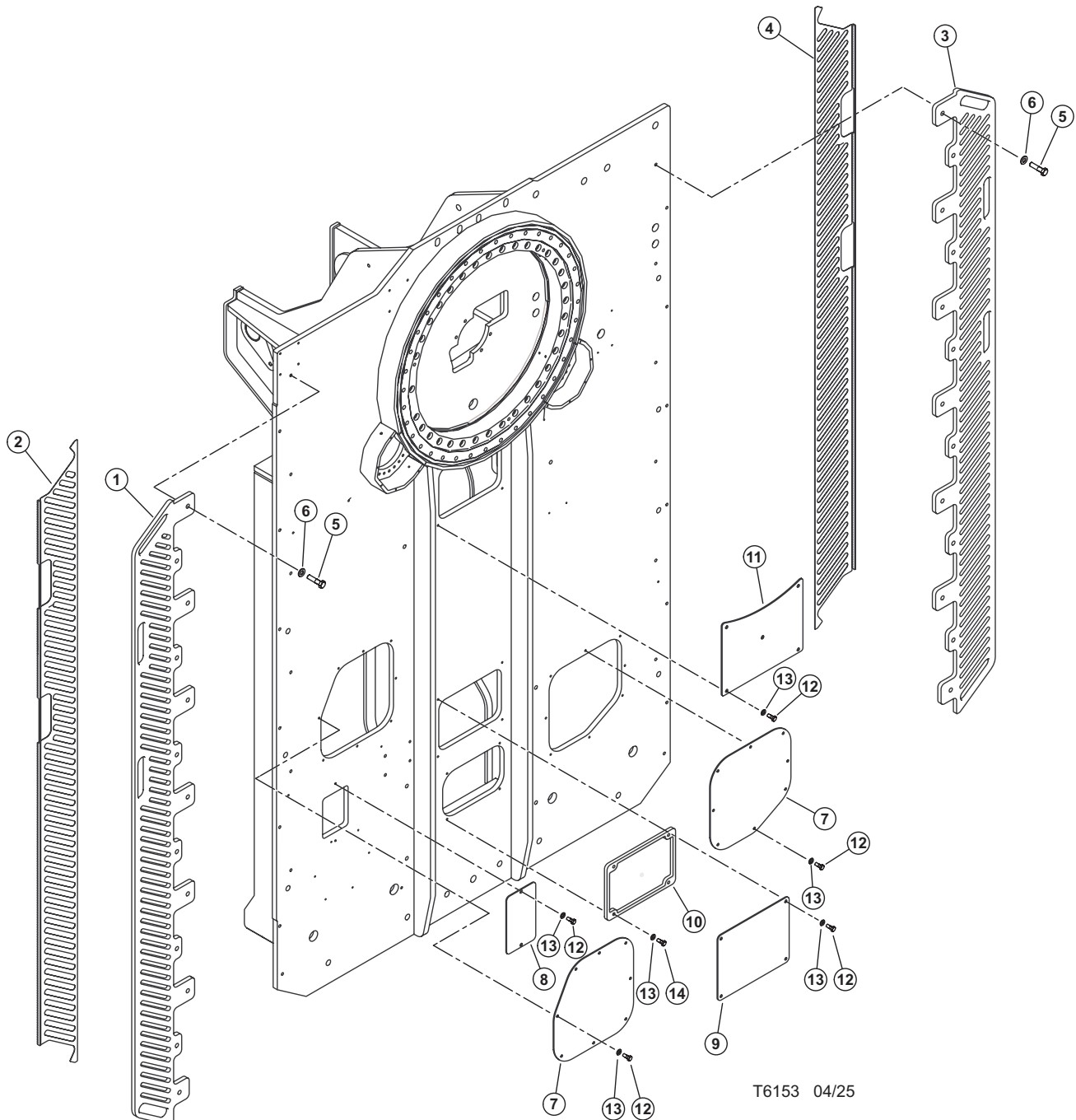
UPPER TURNTABLE

(SIDE DOORS & TOOL BOX COVER INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	65558	1	WELDMENT, LL-TOOL BOX LID
2	65531	1	HINGE ASSY, 2 BOLT, RH
3	65530	1	HINGE ASSY, 2 BOLT, LH
4	50100	8	BOLT - .5" X 1.25"
5	10800	8	WASHER, FLAT - .5"
6	57963	1	SHOCK, GAS
7	54108	4	STUD, ROD END - GAS SPRING
8	65559	1	STRUT MOUNT BRACKET 90 DEG
9	10822	2	BOLT - .3125" X 1.25"
10	10812	2	NUT, LOCK - .3125"
11	11707	2	BOLT - .375" X 1"
12	10802	2	WASHER, FLAT - .375"
13/14	62177	2	DOOR, COOLER - LOG LOADER
15/16	62327	2	PLATE, LUG STICK - LL
17	51657	2	LATCH, CAM - DOOR R.H.
18	51658	8	LATCH, CAM - DOOR L.H.
19	58225	16	BOLT, CAM LATCH 3/8-16X3/4 COUNTERSUNK
20	660960	1	WELDMENT, DOOR ELECTRICAL - LOG LOADER
21	66094	1	DEF COMPARTMENT DOOR
22	62172	1	DOOR, HYDRAULIC COMPARTMENT LL
23	62173	1	SCREEN, HYDRO DOOR LOG LOADER
24	48927	1	GUARD, AIR INTAKE - (UP TP SN. 1154)
24	65429	1	GUARD,AIRINTAKE W/HANDLE HOLES - (SN. 1169 AND FORWARD)
25	15589	6	BOLT - .3125" X 1.00"
26	15559	6	WASHER, SAE FLAT - .3125"

UPPER TURNTABLE

(GUARDS, PANELS AND COVERS INSTALLATION)



UPPER TURNTABLE

(GUARDS, PANELS AND COVERS INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	669220	1	CATWALK-LOG LOADER, RH
2	671290	2	TAPE, CATWALK-LOG LOADER, STEP, RH
3	669210	1	CATWALK-LOG LOADER, LH
4	671280	1	TAPE, CATWALK-LOG LOADER, STEP, LH
5	23000	26	BOLT - .75" X 2.25"
6	15550	26	WASHER, SAE FLAT - .75"
7	48976	2	COVER, PUMP GROUP
8	52630	1	PLATE, COVER
9	65591	1	COVER, SCR BASE ACCESS - LL
10	62003	1	COVER, OIL PAN
11	62677	1	PLATE, COVER
12	50100	26	BOLT - .5" X 1.25"
13	15534	30	WASHER, SAE FLAT - .5"
14	10739	4	BOLT - .5" X 1.5"

This diagram illustrates the assembly of a machine frame. The main frame is shown in the center, with various components being attached. The components are numbered as follows:

- 1**: A vertical support bracket on the left side.
- 2**: A long, thin metal bar or rail, shown in multiple locations for attachment to the frame.
- 3**: A horizontal bar or rail, shown in multiple locations for attachment to the frame.
- 4**: A vertical support bracket on the right side.
- 5** and **6**: Small pins or fasteners used to secure the bars and brackets.
- 7** and **8**: Small pins or fasteners used to secure the top horizontal bar.
- 9** and **10**: Small pins or fasteners used to secure the right side bracket.
- 11**: A small rectangular component, possibly a sensor or switch, mounted on the frame.

The diagram shows the relative positions of these components and how they are connected to the main frame structure.

T6087 04/21

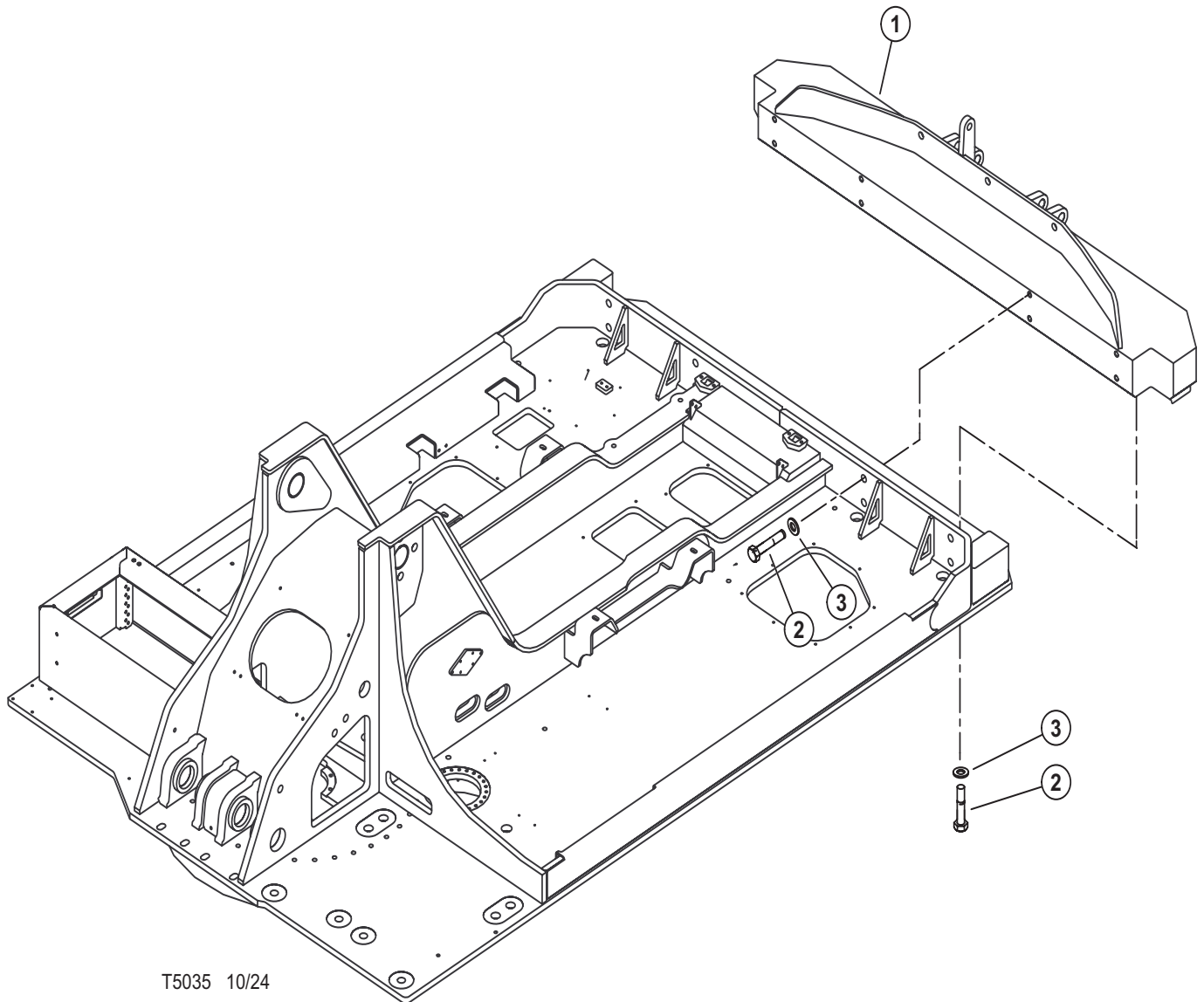
UPPER TURNTABLE

(GUARDS, PANELS AND COVERS INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	61660	1	WELD, GRAB HANDLE
2	66255	6	WELDMENT, HANDRAIL
3	660850	2	WELD, HANDRAIL, UPPER
4	662750	1	WELDMENT, H-RAIL-LL
5	10731	38	BOLT - .375" X 1.5"
6	10802	38	WASHER, FLAT - .375"
7	50100	4	BOLT - .5" X 1.25"
8	15534	12	WASHER, SAE FLAT - .5"
9	18933	8	BOLT - .5" X 1.75"
10	667570	2	WELDMENT, 785 REAR HANDRAIL
11	673410	4	HAND RAIL MOUNT

UPPER TURNTABLE

(COUNTER WEIGHT INSTALLATION)



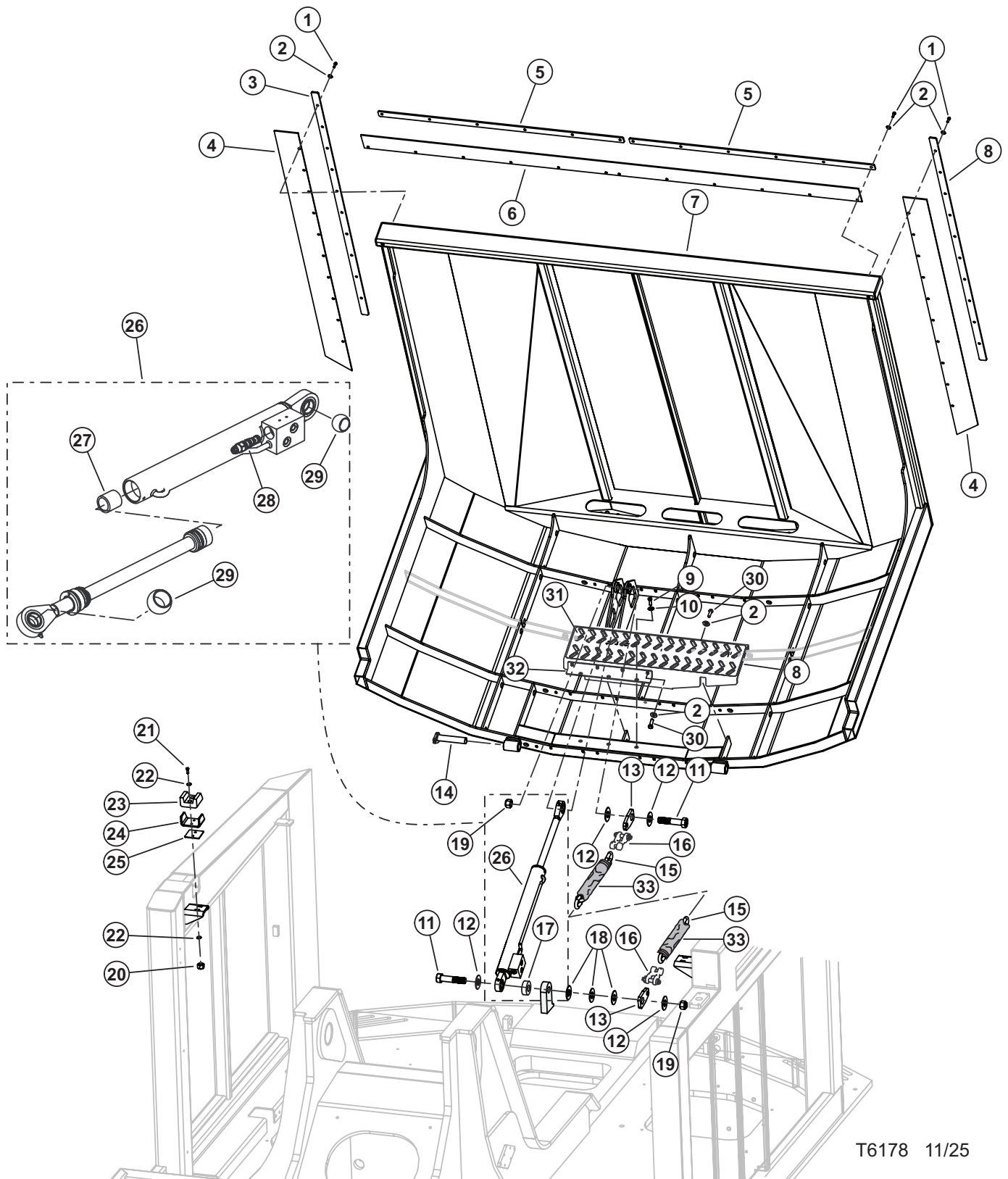
UPPER TURNTABLE

(COUNTER WEIGHT INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	66070	1	COUNTERWEIGHT
2	10733	12	BOLT - 1.00" x 3.00"
3	18532	12	WASHER, SAE FLAT - 1.00" (EXTRA THICK)

UPPER TURNTABLE

GULLWING INSTALLATION

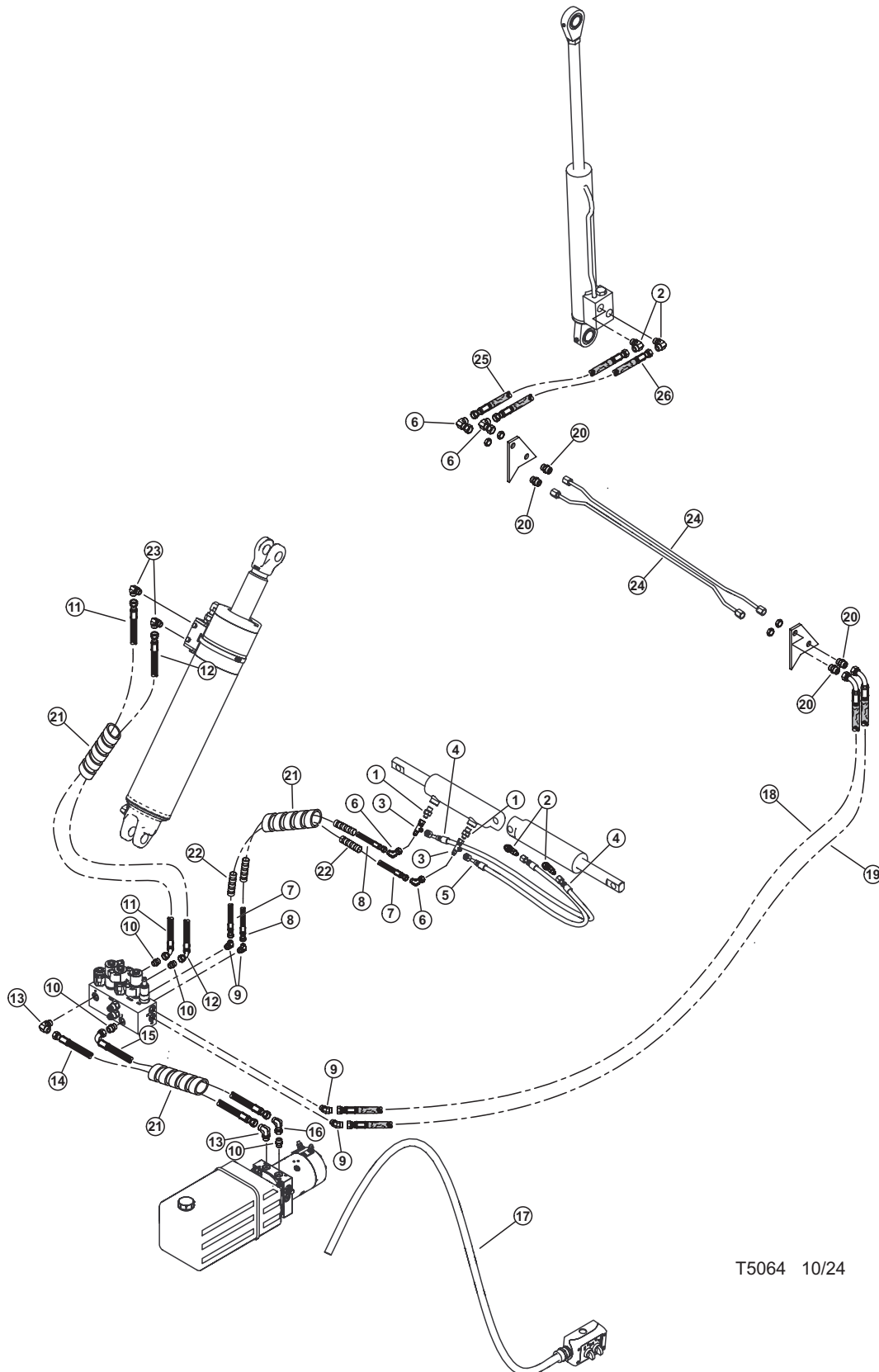


T6178 11/25

UPPER TURNTABLE GULLWING INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	11707	27	BOLT - .375" X 1"
2	10802	35	WASHER, FLAT - .375"
3	62168	2	PLATE, GULLWING, RUBBER HOLDOWN
4	62169	2	RUBBER, GULLWING
5	48457	2	PLATE, GULLWING - RUBBER HOLD DOWN
6	48626	1	RUBBER, GULLWING FRONT - TAIL
7	66035	1	DOOR, LL GULLWING
8	66360	1	WELDMENT, GW STEP
9	50100	3	BOLT - .5" X 1.25"
10	10802	3	WASHER, FLAT - .375"
11	52025	2	BOLT, GULLWING CYL. - 1.25" - 7 X 7"
12	22531	5	WASHER, SAE FLAT - 1.25"
13	65302	2	LINK, GULLWING SAFETY CHAIN - .75 THK
14	48390	2	PIN, GULLWING PIVOT - WELDMENT
15	684150	1	CHAIN, 28 LINK - TAILSWING GULLWING
16	65305	2	SHACKLE, DOGBONE .38
17	65039	1	GULLWING PIVOT SPACER
18	23990	3	WASHER, SAE FLAT - 1.25" (EXTRA THICK)
19	52026	2	NUT, HEX GULLWING CYL. - 1.25" - GRD 9
20	10812	2	NUT, LOCK - .3125"
21	10823	4	BOLT - .3125" X 2"
22	10801	4	WASHER, FLAT - .3125"
23	54511	2	ISOLATOR, GULLWING MOUNTING-UHMW BLOCK
24	54512	2	CHANNEL, ISOLATOR MOUNT - GULLWING
25	54520	2	SPACER, GULLWING ISOLATOR
26	57848	1	CYLINDER, GULLWING LIFT - COLUMBUS
27	(See Description)	1	SPHERICAL BUSHING
28	58009	1	CARTRIDGE, COUNTER BALANCE
29	(See Description)	1	BUSHING
	59046	1	SEAL KIT,
30	10402	8	BOLT - .375" X 1.25"
31	66362	1	TAPE, GULLWING STEP
32	66359	1	BRACKET, SUPPORT
33	684210	1	SLEEVE, PROTECTIVE HOSE - 2.00 X 32.00
-	684190	1	SUBASSEMBLY, CHAIN - HEAVY (INCLUDES ITEMS 13, 15, 16, 33)

UPPER TURNTABLE GULLWING CYLINDER HYDRAULICS

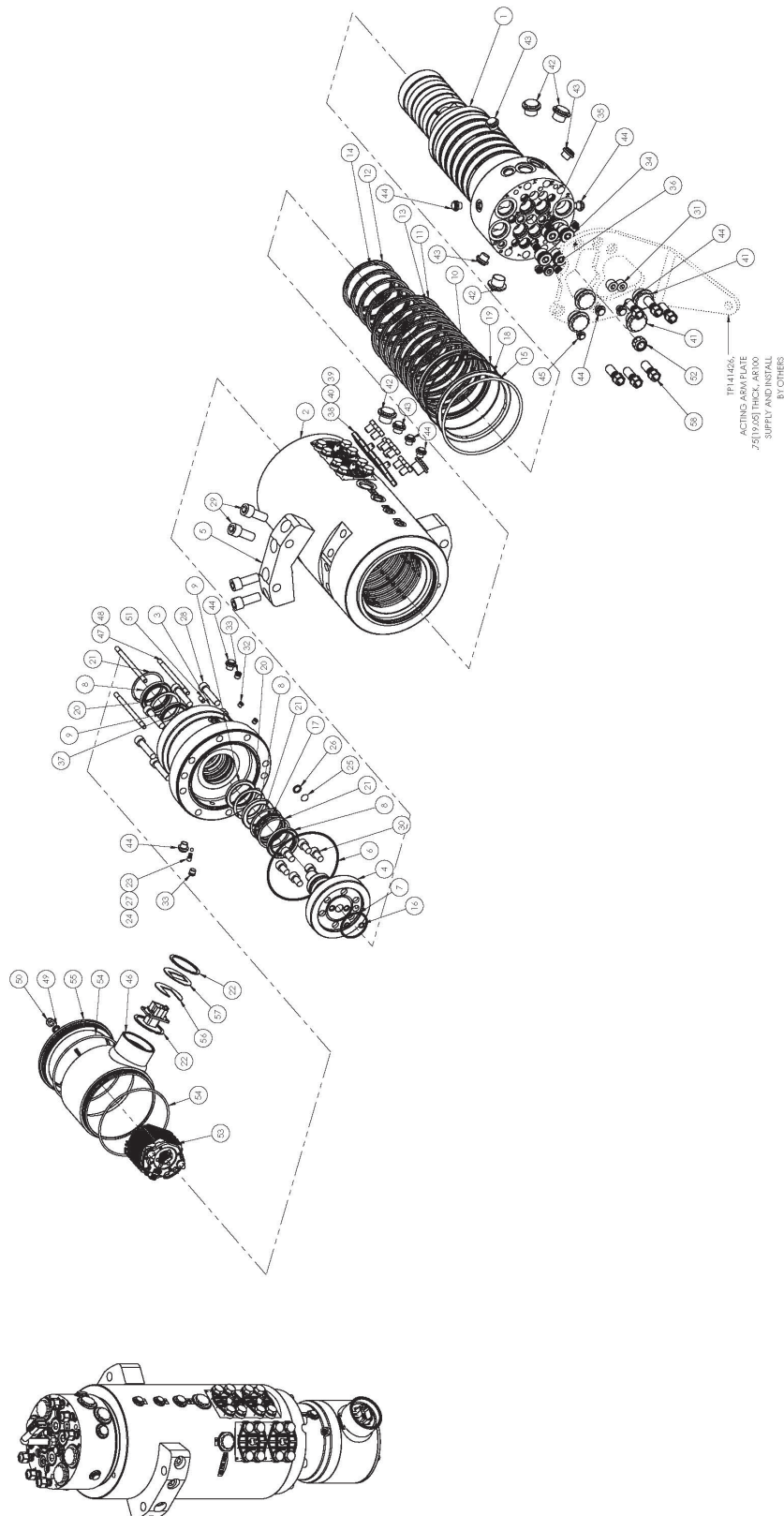


T5064 10/24

UPPER TURNTABLE GULLWING CYLINDER HYDRAULICS

REF	PART #	QTY	DESCRIPTION
1	15124	2	CONNECTOR, STR - FF1852T-0406S
2	15133	4	ELBOW, 90 - FF1868T-0406S
3	15176	2	TEE - FF2114T-0404S
4	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC30.5 04-04OS-04O9
5	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC20.5 04-04OS-04O9
6	15145	2	ELBOW, 90 SWIVEL - FF2098T-0404S
7	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC31.5 04-04OS-04OS
8	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC27 04-04OS-04OS
9	17646	4	ELBOW, 45 - FF2068T-0406S
10	18034	4	CONNECTOR, STR - FF1852T-0606S
11	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC65.5 06-06OS-06O4
12	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC63 06-06OS-06O4
13	16296	2	ELBOW, 90 - FF1868T-0606S
14	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC24 06-06OS-06OS
15	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC23 06-06OS-06O9
16	20035	1	ELBOW, 90 SWIVEL - 6 C6LO-S
17	58606	1	PENDANT (CAB TILT)
18	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC194 04-04OS-04O9-W
19	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC194 04-04OS-04O9-W
20	55383	4	FITTING, BULKHEAD - 4 WTX-WLN-S
21	20843	AR	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)
22	20843	AR	PROTECTOR, HOSE - SPRIAL (.78")(BULK)
23	18034	2	ELBOW, 90 - FF1868T-0606S
24	57337	2	TUBELINE, CANOPY CYL BULKHEAD
25	(CALL)	1	Gullwing Lift Pump Hose
26	(CALL)	1	Gullwing Lift Pump Hose

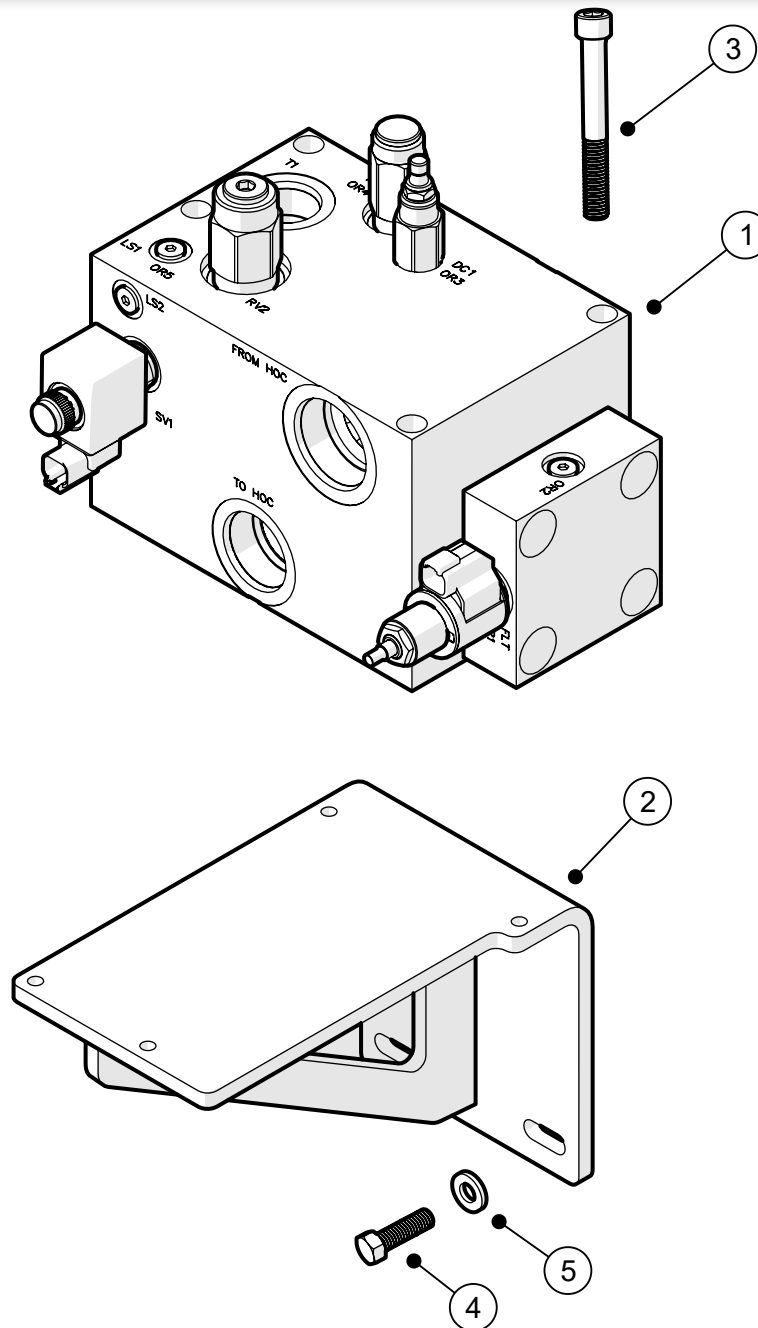
UPPER TURNTABLE (ROTARY MANIFOLD)



Item	Part #	Description	Qty.
	650670	MANIFOLD, ROTARY - 14 PORT TRACK	1
1	TP1414021	SPOOL, ROTARY	1
2	TP1414002	BARREL, ROTARY	1
3	HD141425	CAP, FUSE SECTION, OPEN, HD SLIP RING OPTION	1
4	HD1414006	RETAINER, SPOOL WITH FUEL	1
5	HD1214003	MOUNTING PLATE	2
6	N1470 - 258	ORING 6.000" x 6.250" x 0.125" c/s	1
7	N1470 - 227	ORING 2.125" x 2.375" x 0.125" c/s	1
8	HD050068080-V	ENVIRO SEAL 50mmX68X8 VITON	3
9	HD050065070-V	ENVIRO SEAL 50mmX65X7 VITON	2
10	HD141610	SEAL, ENVIRONMENTAL SHAFT, 140mm	1
11	N1173-70-359	ORING, HNBR 70, 5.750" x 6.125" x .188" c/s	8
12	N1173-70-346	ORING, HNBR 70, 4.125" x 4.500" x .188" c/s	5
13	RN 140-250-08GL	LOCSEAL, 140 MM	8
14	RN 100-250-08GL	LOCSEAL, 100 MM	5
15	U90 - 363	ORING URETHANE	1
16	V1476 - 012	ORING 1/2"X 3/8"X 1/16", VITON	2
17	HD141415	RING, ENVIROMENT SEAL SPPRT	1
18	HD140105	LOCKRING FOR 140mm ENVIRO	1
19	MOR1600020/N	ORING 160mm X 164mm X 2mm C/S NBR70	1
20	WHM-256	SPIRAL SNAP RING	2
21	WH-267	SPIRAL SNAP RING	3
22	WHM-250	SPIRAL SNAP RING	2
23	329-008	THREAD INSERT, 'E-Z' LOK, #8-32UNC-2B, 5/16-18UNC-2A	1
24	C0610-041-0095	SPRING	1
25	TL-C5-190-30	TEMPERATURE LABEL	1
26	N1470 - 112	ORING	1
27	BALL M6	STEEL BALL 6mm	1
28	SHCS M12 X 55	SHCS METRIC G12.9	8
29	SHCS M16 X 40	SHCS METRIC G12.9	8
30	SHCS M12 X 20	SHCS METRIC G12.9	6
31	81145	1/2" NPT HEX PLUG FLUSH	2
32	22S - S02	#02 ORB ZLG PLUG SH	3
33	22S - S04	#04 ORB ZLG PLUG SH	2
34	HD002282	#12 ORB CUSTOM PLUG SH	4
35	22S - S05	#05 ORB ZLG PLUG SH	6
36	22S - S08	#08 ORB ZLG PLUG SH	1
37	22S - S06	#06 ORB ZLG PLUG SH	1
38	HDCP-XP-1AI	PLUG	4
39	MOR0360040/N	ORING, 36.0mm X44.0mm X4.0mm	4
40	HHCS M12 X 16MM	HEXBOLT M12X16 G10.9	16
46	E0000176	COVER WELDMENT, SLIPRING	1
47	TR-0.31-05.25	5/16-18 x 5.25" LENGTH	3
48	HD091418	HEAT SHRINK TUBE	3
49	33156	SEAL WASHER 5/16	3
50	70961	ACORN NUT 5/16-18	3
51	SHSS 05-18-0.625	SET SCREW, 5/16-18UNC X 5/8LG	1
52	HD121437	FITTING, LT 0.500" GRN	1
53	E08080202	ELC SLIP RING, 6 POWER, 2 SIGNAL	1
54	N1470 - 257	ORING, 70 DUROMETER 5.875" X 6.125" X 0.125"C/S	2
55	E0000177	CAP, SLIP RING COVER	1
56	HD121419	PLATE, CONNECTOR MOUNT	1
57	HD121420	PLATE, CONNECTOR MOUNT	1
58	B-2005-02-01	BOLT, CONE LUG STYLE, M16 X 1.5 X 33mm SHANK LENGTH	6

UPPER TURNTABLE

(HOC-CONTROL-RETURN MANIFOLD INSTALLATION)

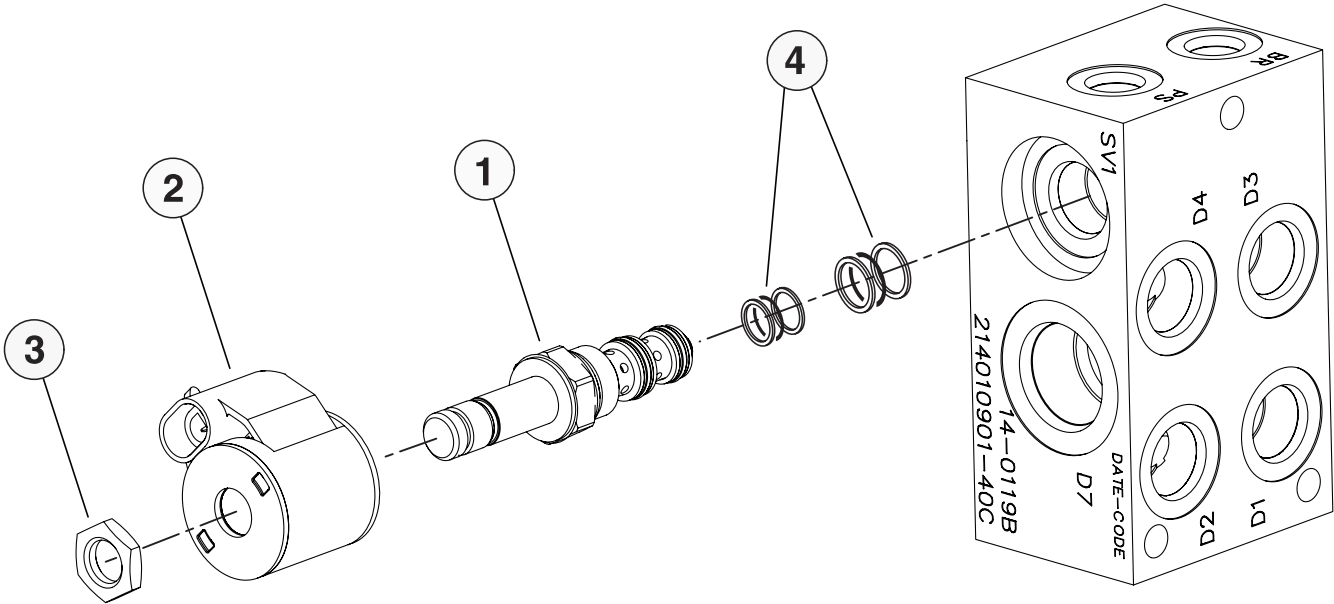


REF	PART #	QTY	DESCRIPTION
1	57849	1	MANIFOLD, HOC CONTROL-RETURN - D SERIES
2	62528	1	BRACKET, MANIFOLD - HOC
3	58219	4	SOCKET HEAD CAP SCREW
4	10402	4	BOLT
5	10802	4	WASHER, FLAT

UPPER TURNTABLE

(CASE DRAIN / SWING LOCK MANIFOLD)

NOTE: APPLY GREASE TO O-RINGS

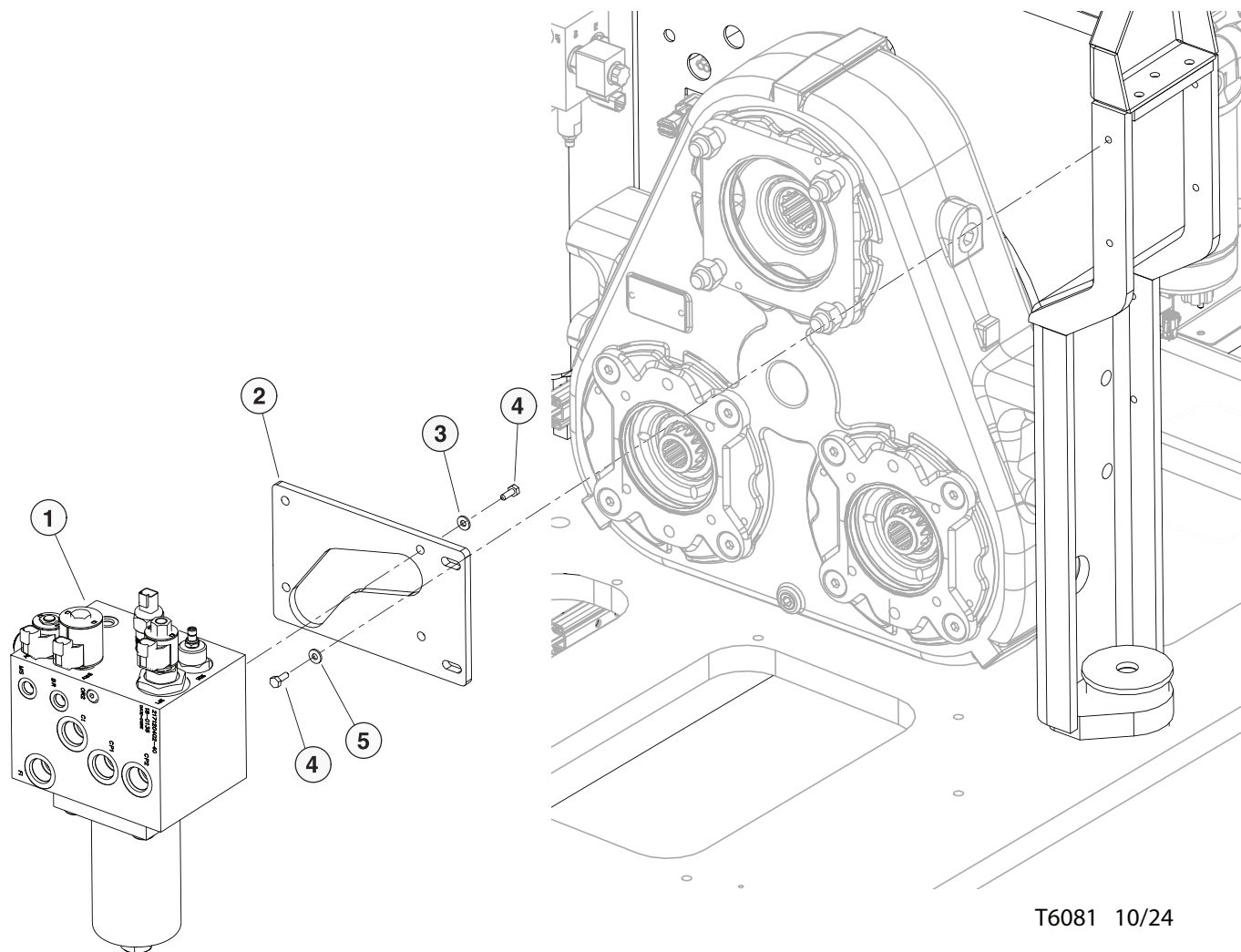


H-00145D 07/24

Item	Part #	Description	Qty.
	55259	MANIFOLD, CASE DRAIN/SWING LOCK	1
1	SV08-31-0-N-00	VALVE, SOLENOID - PARKING BRAKE	1
2	4304024	COIL	1
3	7004400	NUT	1
4	SK08-3X-MM	KIT, SEAL	1
			1

UPPER TURNTABLE

(CHARGE MANIFOLD INSTALLATION)

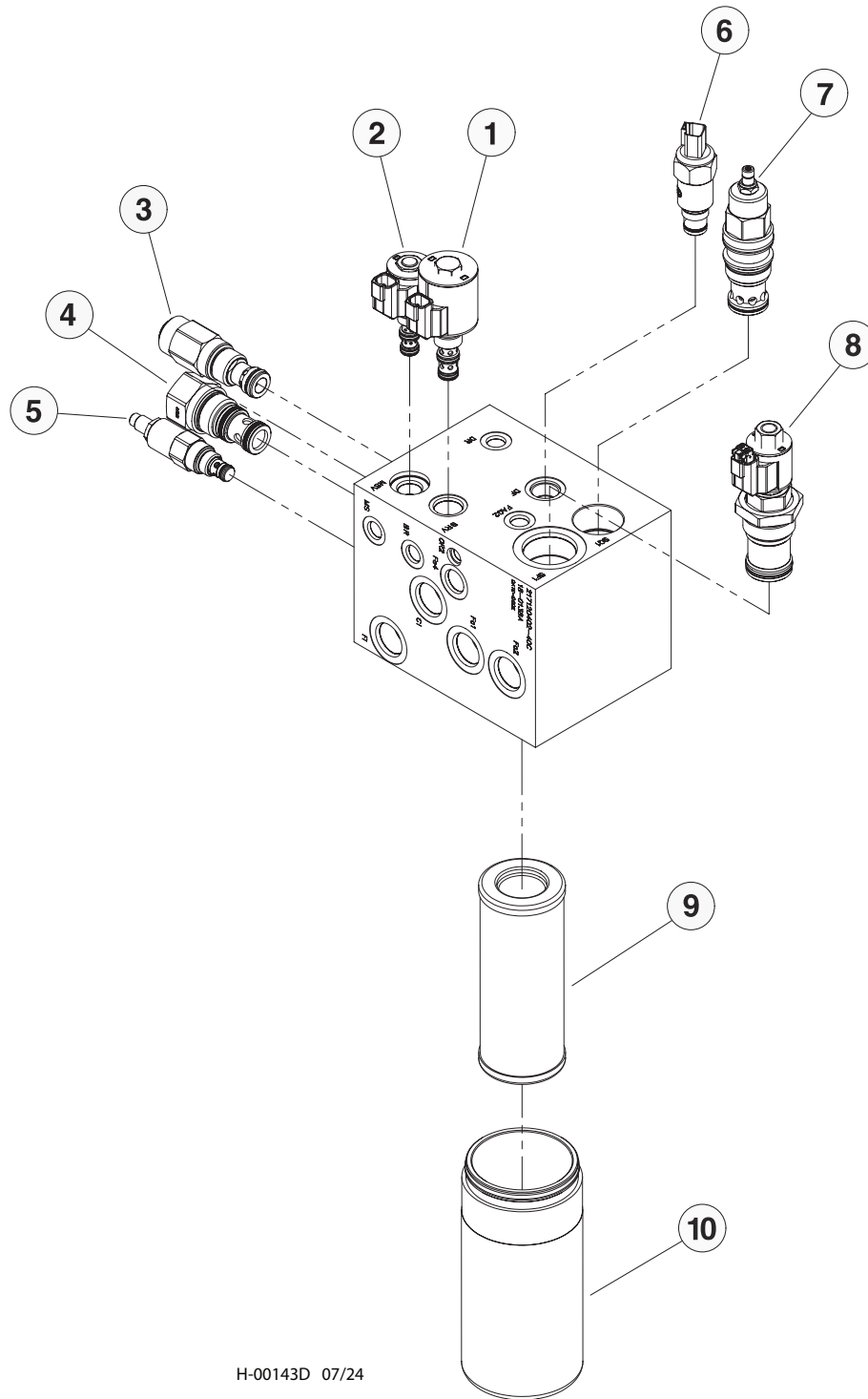


T6081 10/24

REF	PART #	QTY	DESCRIPTION
1	57881	1	MANIFOLD, CHARGE / COOLER - D SERIES
2	60391	1	PLATE, CHARGE BLOCK MOUNT - D
3	15528	4	WASHER, SAE FLAT - .375"
4	11707	6	BOLT - .375" X 1"
5	10802	2	WASHER, FLAT - .375"

UPPER TURNTABLE

(CHARGE MANIFOLD BREAKDOWN)



H-00143D 07/24

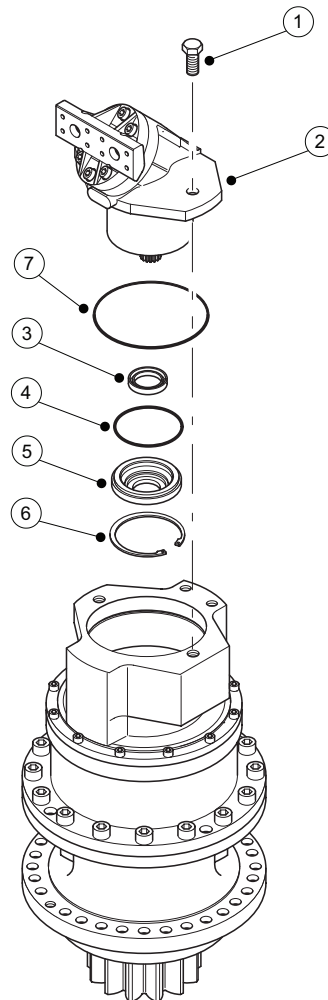
UPPER TURNTABLE

(CHARGE MANIFOLD BREAKDOWN)

Item	Part #	Description	Qty.
1	58362	CARTRIDGE, COIL COMBO PB	1
2	58363	CARTRIDGE, COIL COMBO MTR SFT	1
3	53882	CARTRIDGE, PRES. RELIEF	1
4	EP16-S35 - (57881)	CARTRIDGE	1
5	RV12-26H - (57881)	CARTRIDGE	1
6	62004	SWITCH, FILTER INDICATOR	1
7	52223	CARTRIDGE, FAN DRIVE	1
8	53737	COIL, PARK BRAKE	1
9	19861	ELEMENT, HYDROSTATIC FILTER	1
10	LF 240 BOWL - (57881)	BOWL	1

UPPER TURNTABLE

(SWING MOTOR & GEARBOX)



Parts T3839 05/23

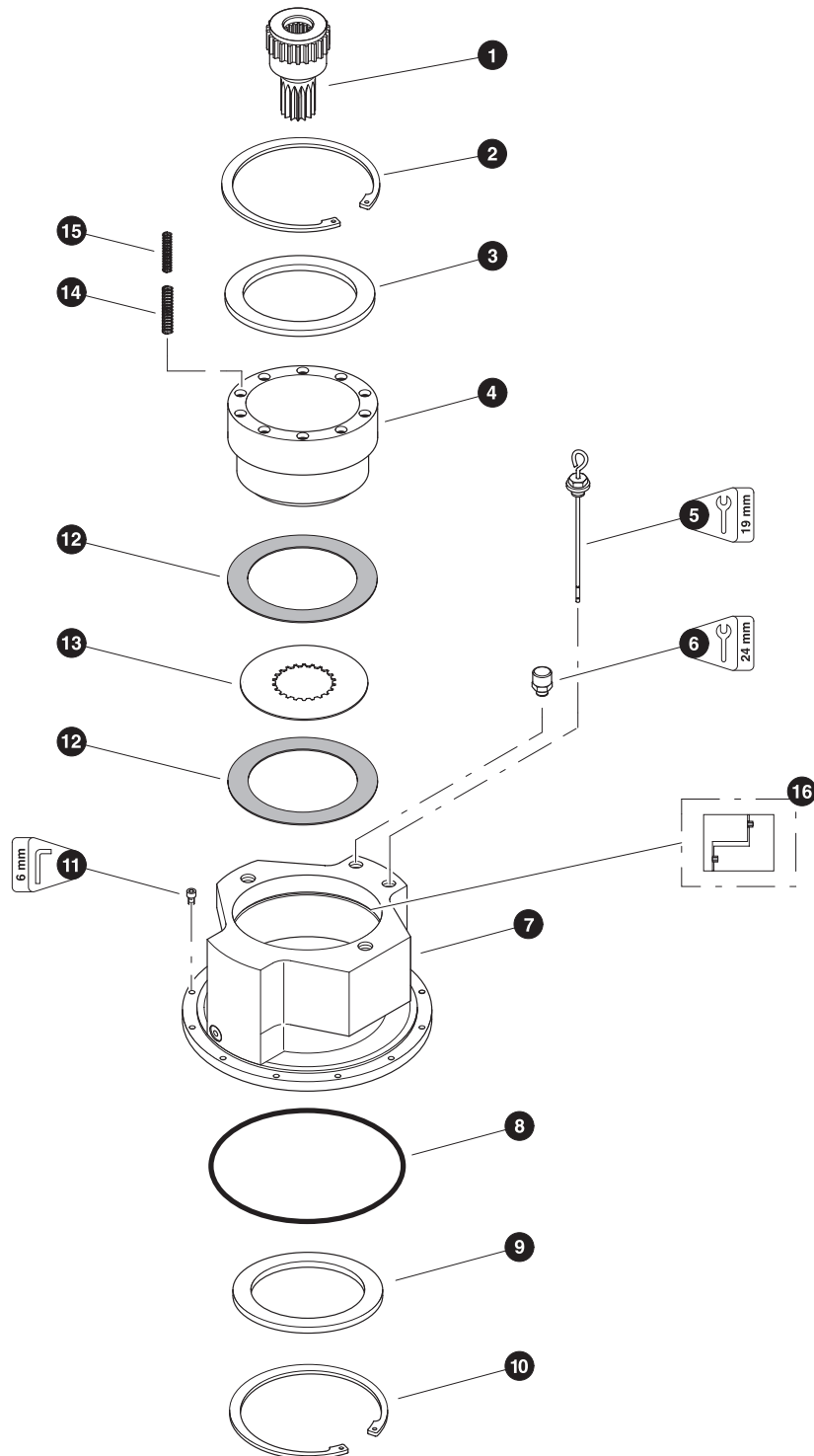
REF	PART #	QTY	DESCRIPTION
-	57213	1	MOTOR, SWING - L&S 32.5:1 / 56CC
1	20661	1	BOLT - 16mm-2.0P x 35mm
2	17238	1	MOTOR, hydraulic - Rexroth A2FE56 cc
3	21576	1	SEAL, shaft - 45cc
	51638	1	SEAL, shaft - 56cc
4	21577	1	O-RING, front cover - 45cc
	51639	1	O-RING, front cover - 56cc
5	21578	1	COVER, front
6	21579	1	RING, seal retaining
7	21580	1	O-RING, motor pilot

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.

UPPER TURNTABLE

(SWING GEARBOX)



Parts 00626 11/10/2000
25.00

UPPER TURNTABLE

(SWING GEARBOX)

REF	PART #	QTY	DESCRIPTION
-	54394	1	GEARBOX - Lohmann ECCENTRIC
1	21565	1	SHAFT, brake
2	21566	1	RING, snap - upper brake
3	21567	1	PLATE, back-up - upper brake
4	21568	1	PISTON, brake
5	21569	1	DIPSTICK
	21571	1	RING, seal
6	21570	1	BREATHER
	21571	1	RING, seal
7	NSS	1	HOUSING, brake
8	21572	1	O-RING, brake housing
9	21573	1	PLATE, back-up - lower brake
10	21574	1	RING, snap - lower brake
11	21575	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
	57710	1	BRAKE DISC KIT

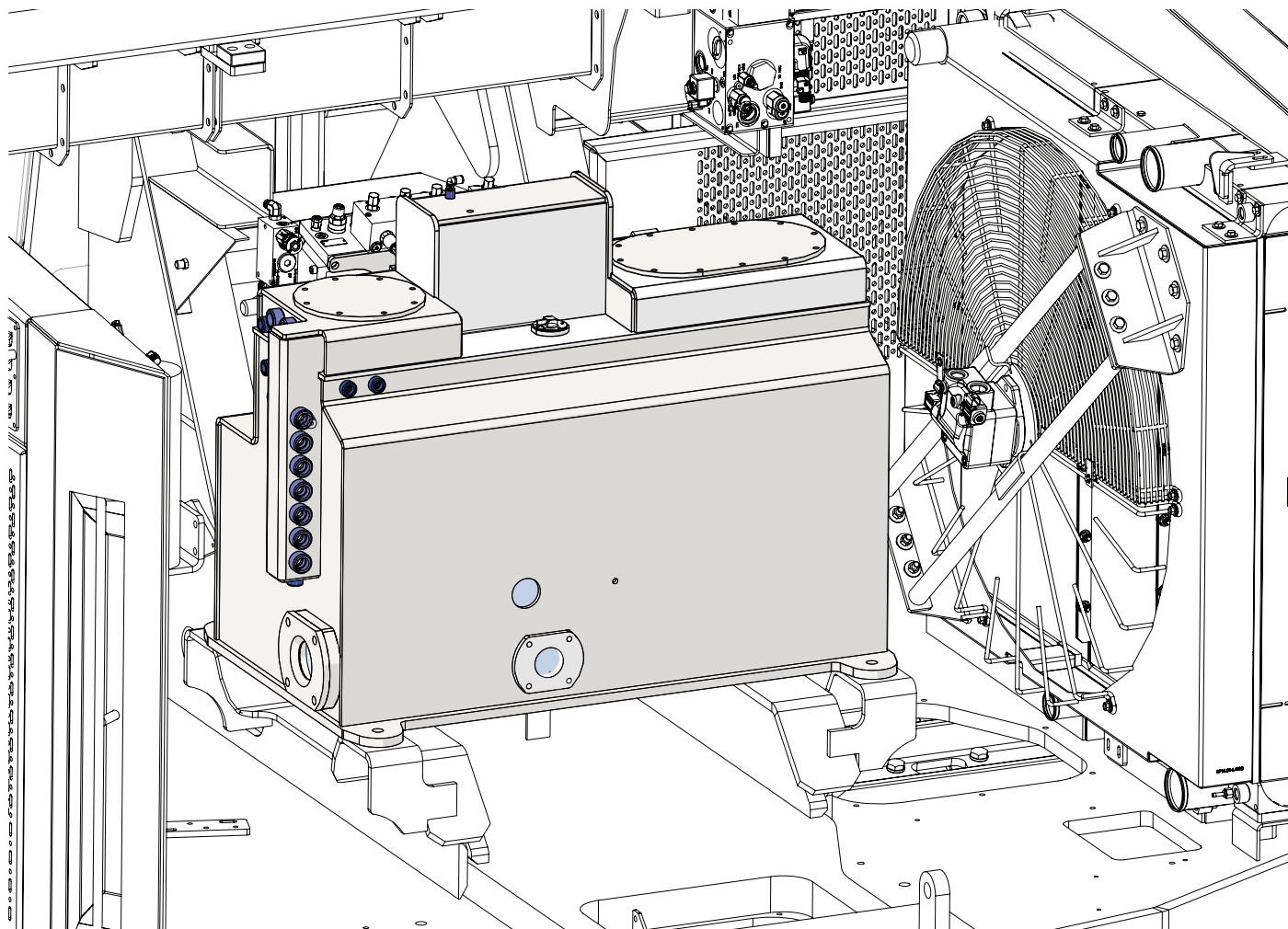
Note:

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.

THIS PAGE LEFT BLANK FOR NOTES

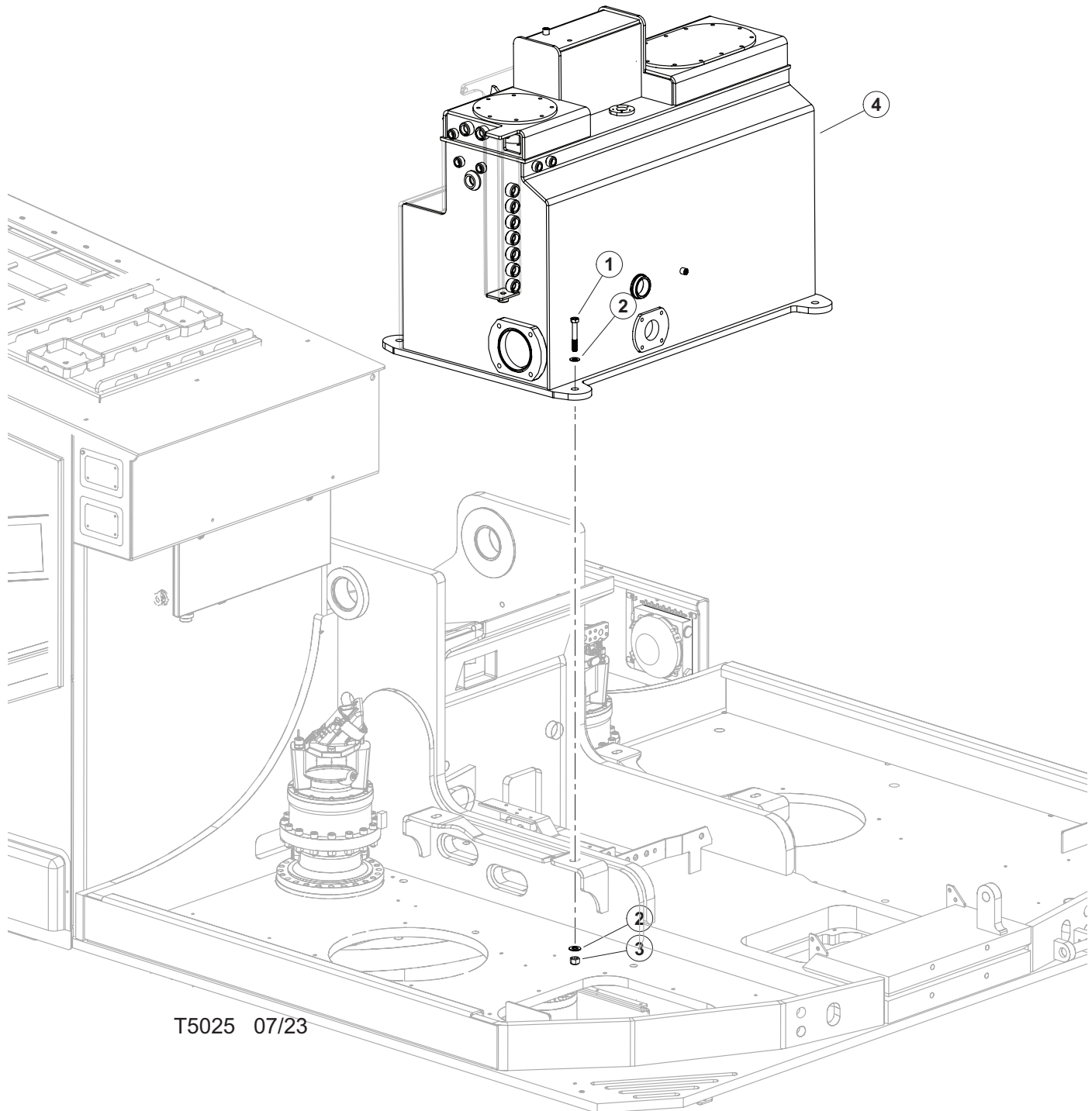
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SECTION UP-2 (UPPER TURNTABLE HYDRAULIC TANK)



UPPER TURNTABLE

(HYDRAULIC TANK INSTALLATION)



UPPER TURNTABLE

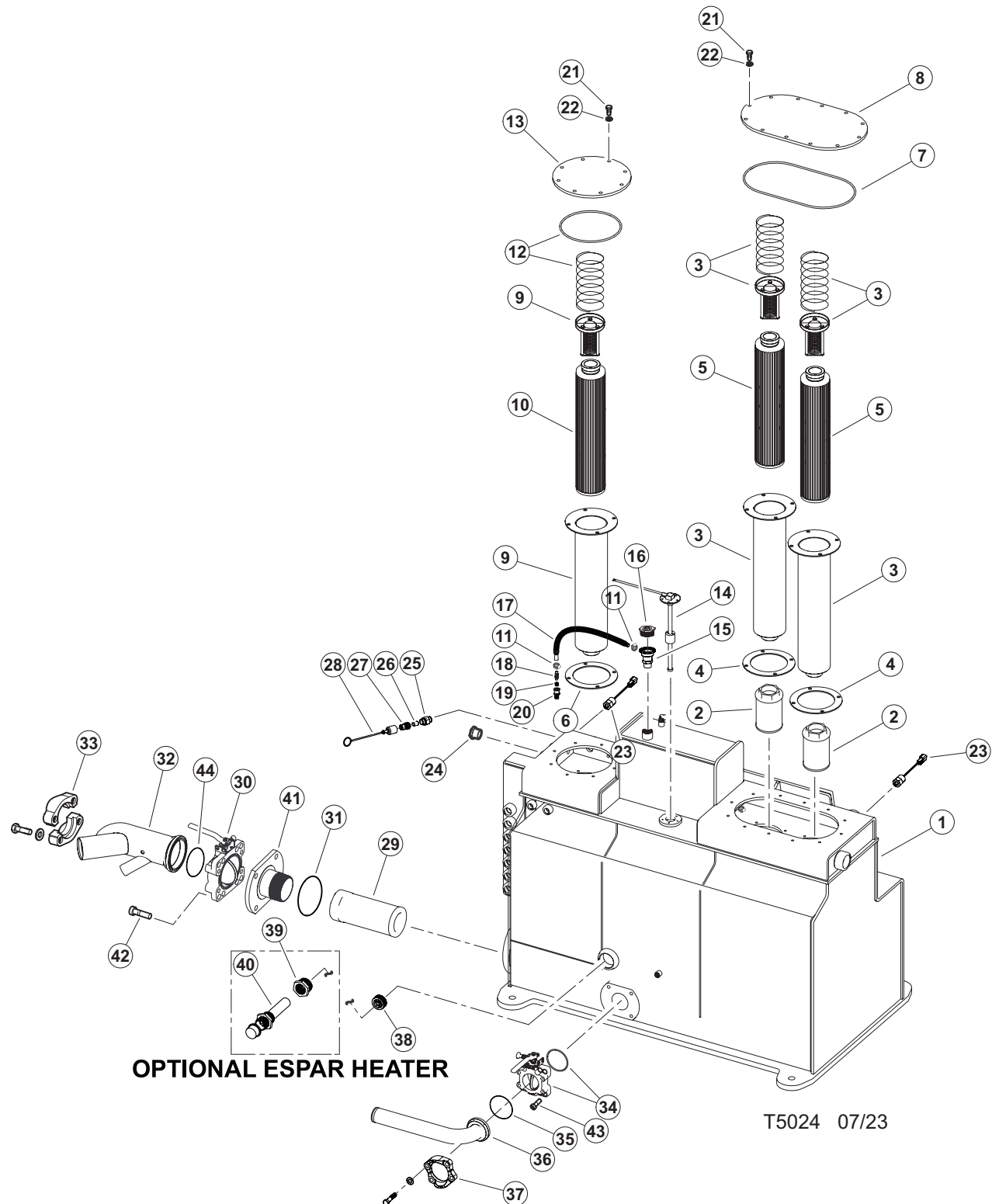
(HYDRAULIC TANK INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	10775	4	BOLT - .75" X 2.5"
2	15550	8	WASHER, SAE FLAT - .75"
3	10817	4	NUT, LOCK - .75"
4	(See Next Page)	1	HYDRAULIC TANK ASSEMBLY

See Next Page

UPPER TURNTABLE

(HYDRAULIC TANK COMPONENT INSTALLATION)



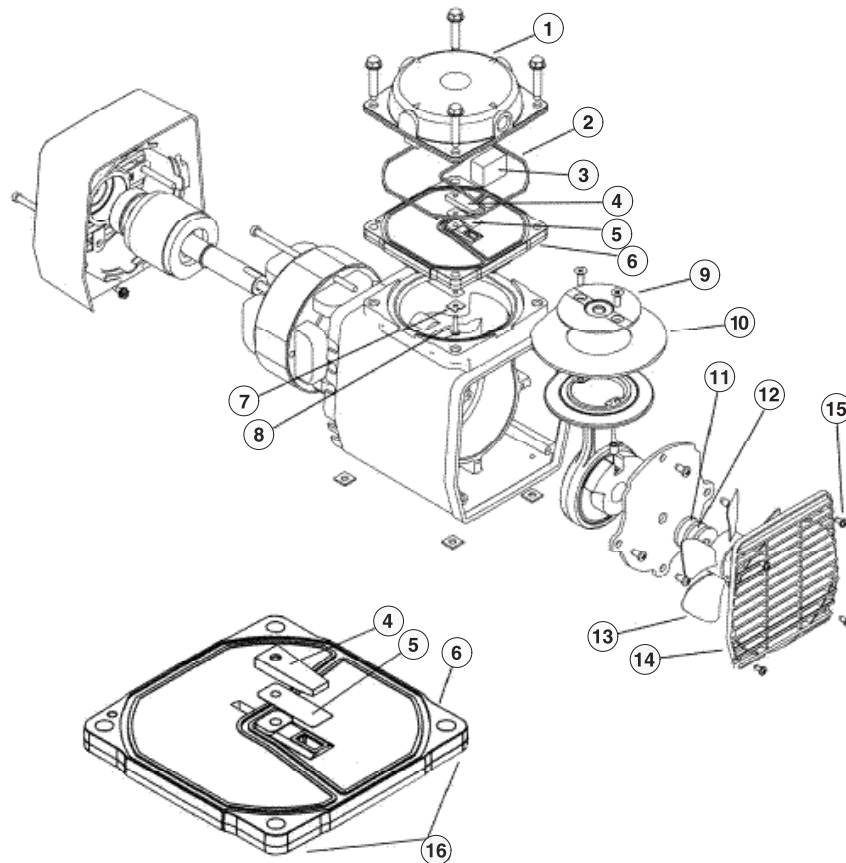
UPPER TURNTABLE

(HYDRAULIC TANK COMPONENT INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	66320	1	WELDMENT, HYD TANK-LL- D - (UP TO SERIAL #1153)
	66370	1	WELDMENT, HYD TANK-LL- D - (SERIAL #1154 AND FORWARD)
2	66337	2	DIFFUSER, BFT FILTER 8 INCH
3	51620	2	FILTER KIT, HYD. TANK MAIN RETURN
4	52126	2	GASKET, MAIN RETURN FILTER - (51620)
5	52350	2	ELEMENT, MAIN RETURN - HI EFF.
6	16852	1	SEAL, Gasket (LFT-642)
7	66340	1	O-RING, 16" DIA. -385
8	66330	1	COVER, ACCESS FILTER-DUAL
9	51621	1	FILTER KIT, HYD. TANK - CASE RETURN
10	22647	1	ELEMENT, HYDRAULIC TANK - SMALL
11	16202	2	CLAMP, HOSE - WORM STYLE - .625"
12	15600	1	O-RING - 8" DIA. -369
13	54414	1	COVER, HYDRAULIC TANK SINGLE
14	57264	1	SENDER, HYD OIL LEVEL W/FLOAT
15	17156	1	STEM, HYDRAULIC TANK RELIEF CAP
16	18135	1	CAP, HYD. RESERVOIR RELIEF - 13 PSI
17	16238	5ft.	HOSE, FUEL LINE (BULK ROLL) - .3125"
18	16990	1	CONNECTOR, STR HOSE BARB - 4244-5-4
19	11318	1	BUSHING, REDUCER - 5406-6-4
20	15652	1	VALVE, CHECK - HYDRAULIC/FUEL
21	24088	20	BOLT - .5" X 1.25"
22	10804	20	WASHER, FLAT - .5"
23	57818	1	SWITCH, PRESSURE - SCHROEDER
24	24308	1	SIGHT GLASS
25	20067	1	BUSHING, REDUCER - 6410-12-8
26	55698	1	FITTING, 8-1/2 F50F-S
27	55620	1	NIPPLE, 60 SERIES - H6-63-T12
28	55617	1	CAP, QUICK CONNECT - RUBBER (RED)
29	15842	1	FILTER, SCREEN - IMPLEMENT
30	54786	1	VALVE, SHUT OFF - BUTTERFLY (4")
31	51726	1	O-RING, HDYRAULIC TANK
	23095	4	BOLT, ALLEN HEAD - .625" x 2" (51726)
32	42461	1	TUBE, SUCTION - 4" FLANGE - W/O DISC SAW
33	51625	1	KIT, FLANGE - SUCTION TUBE (4")
	(See Description)	4	BOLT (Supplier Part # 1-246-90)
	51725	1	O-RING
34	57834	1	VALVE, BUTTERFLY (2.5") - (AUX. PUMP)
	(See Description)	1	1/2-13 X 1 1/4" UNC - PART # 3551 (LAWSON #)
35	(CALL)	1	O-RING - UCTION TUBE (AUX. PUMP)
36	62618	1	WELDMENT, SUCTION TUBE(AUX. PUMP)
37	15193	1	KIT, SPLIT FLANGE - 2.5" (CODE 61)
	15551	1	BOLT - 12MM-1.75P X 40MM (15193)
38	53105	1	PLUG, BLACK PIPE - 2.0" HYD. TANK
39	26397	1	BUSHING, BLACK - 2" X 1.25" (OPTIONAL)
40	20069	1	ELEMENT, HEATER - HYD. TANK (120V 600W) (OPTIONAL)
41	42306	1	PLATE, INTER.-SUCTION PORT 100mm VALVE
42	23095	4	BOLT, ALLEN HEAD - .625" x 2"
43	15551	4	BOLT - 12MM-1.75P X 40MM

UPPER TURNTABLE

(VACUUM PUMP BREAKDOWN)



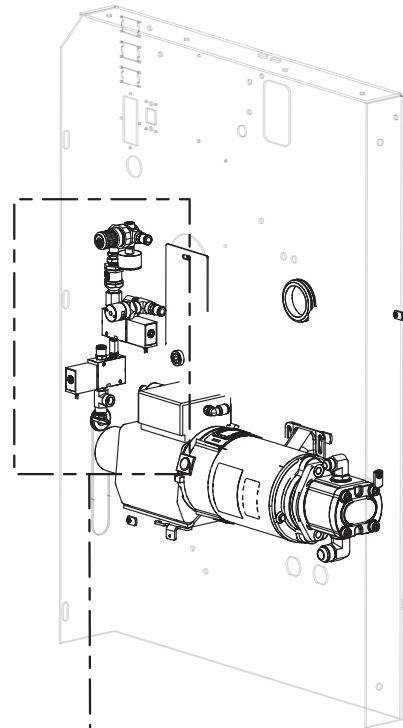
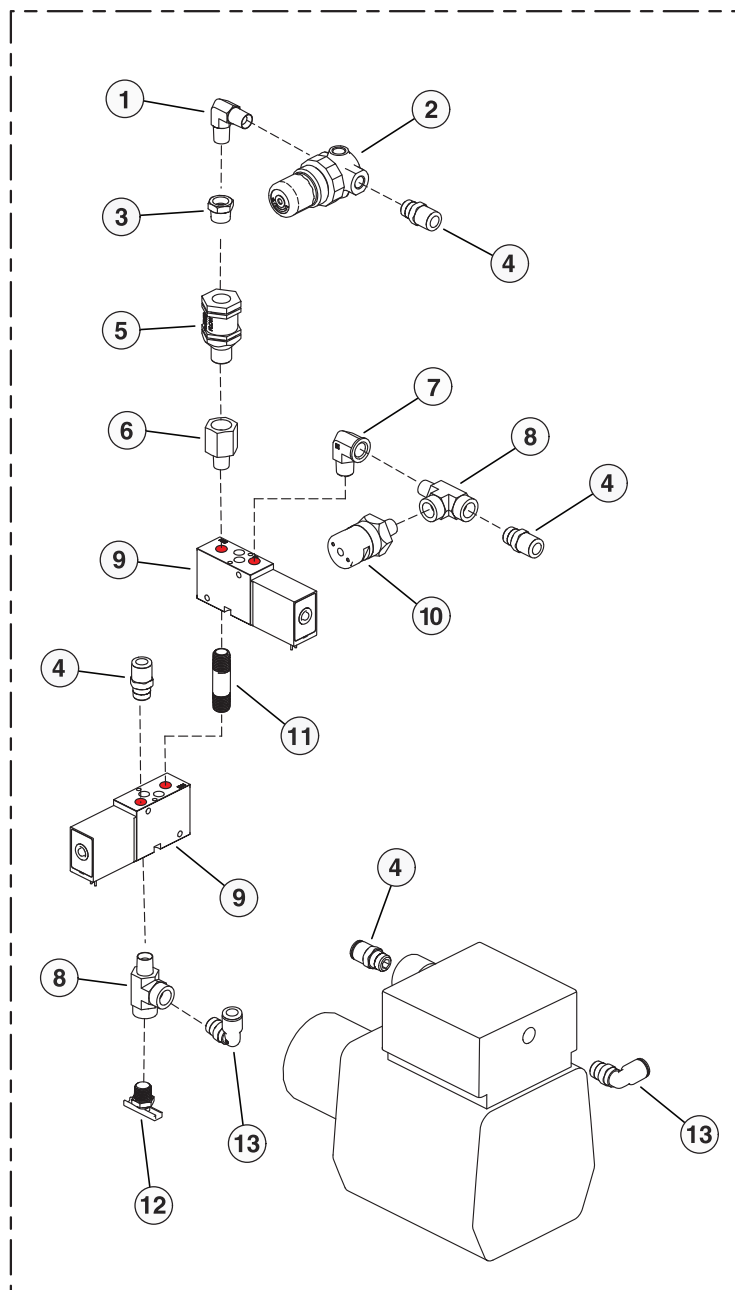
W-00012D 07/24

Item	Part #	Description	Qty.
	51615	VACUUM PUMP	1
1	AP500	HEAD	1
2	AP513	O-RING, HEAD	1
3	AT712A	FILTER, MUFFLER	2
4	AP110	VALVE, LIMITER	1
5	AF817	VALVE, LEAF	2
6	AP504	PLATE, VALVE	1
7	AF819A	RETAINER, VALVE	1
8	BB330A	SCREW, VALVE	1
9	AF809	PLATE, RETAINER	1
10	AF818A	DIAPHRAGM, COMPRESSOR	1
*	AF818B	DIAPHRAGM, VACUUM	1
11	AA929	SPACER, FELT	3
12	AD996	SPACER	1
13	AF533	FAN	1
14	AF807	GRILL	1
15	AP534	RIVET	4
16	AP519	ASSEMBLY, VALVE PLATE	1
*	AP526	CRANKCASE COVER	1
*	AP525	CRANKCASE COVER, SCREW	2
	K294A	SERVICE KIT	1

* MEANS NOT SHOWN

UPPER TURNTABLE

(VACUUM PUMP ASSEMBLY, FITTINGS & COMPONENTS)



T5082 10/23

UPPER TURNTABLE

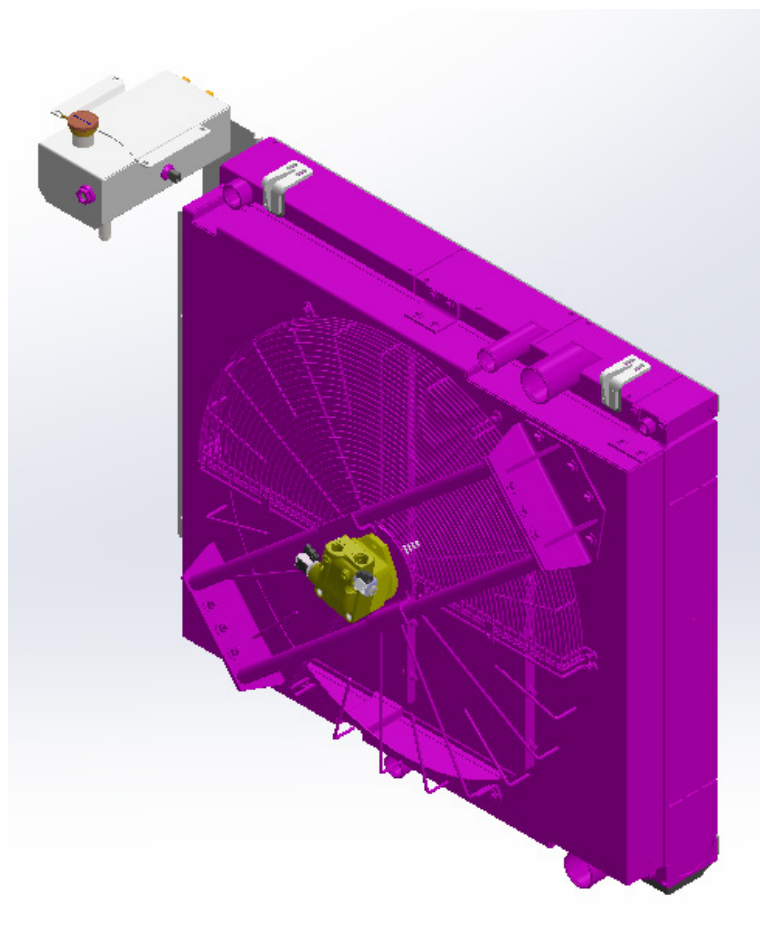
(VACUUM PUMP ASSEMBLY, FITTINGS & COMPONENTS)

REF	PART #	QTY	DESCRIPTION
1	52741	1	ELBOW, MALE PIPE - 1/4 CR-S
2	15649	1	REGULATOR, TURBO BOOST
3	11318	1	BUSHING, REDUCER - 5406-6-4
4	52506	4	CONNECTOR, STR - PUSH HOSE - 1/4" VACUUM
5	15652	1	VALVE, CHECK - HYDRAULIC/FUEL
6	52145	1	ADAPTER, EXPANDER - 3/8 X 1/4 FG-S
7	21147	1	ELBOW, 90 STREET .25" NPT - BRASS
8	10393	2	TEE - 1/4 MRO
9	51616	2	VALVE, 3-WAY VACUUM PUMP
10	51737	1	SWITCH, PRESSURE - VACUUM PUMP
11	16314	1	NIPPLE, PIPE - .25" X 2"
12	15650	1	VALVE, TANK VENT - DC602-6
13	51739	2	CONNECTOR, ELBOW -PUSH ON (VACUUM) (1/4")

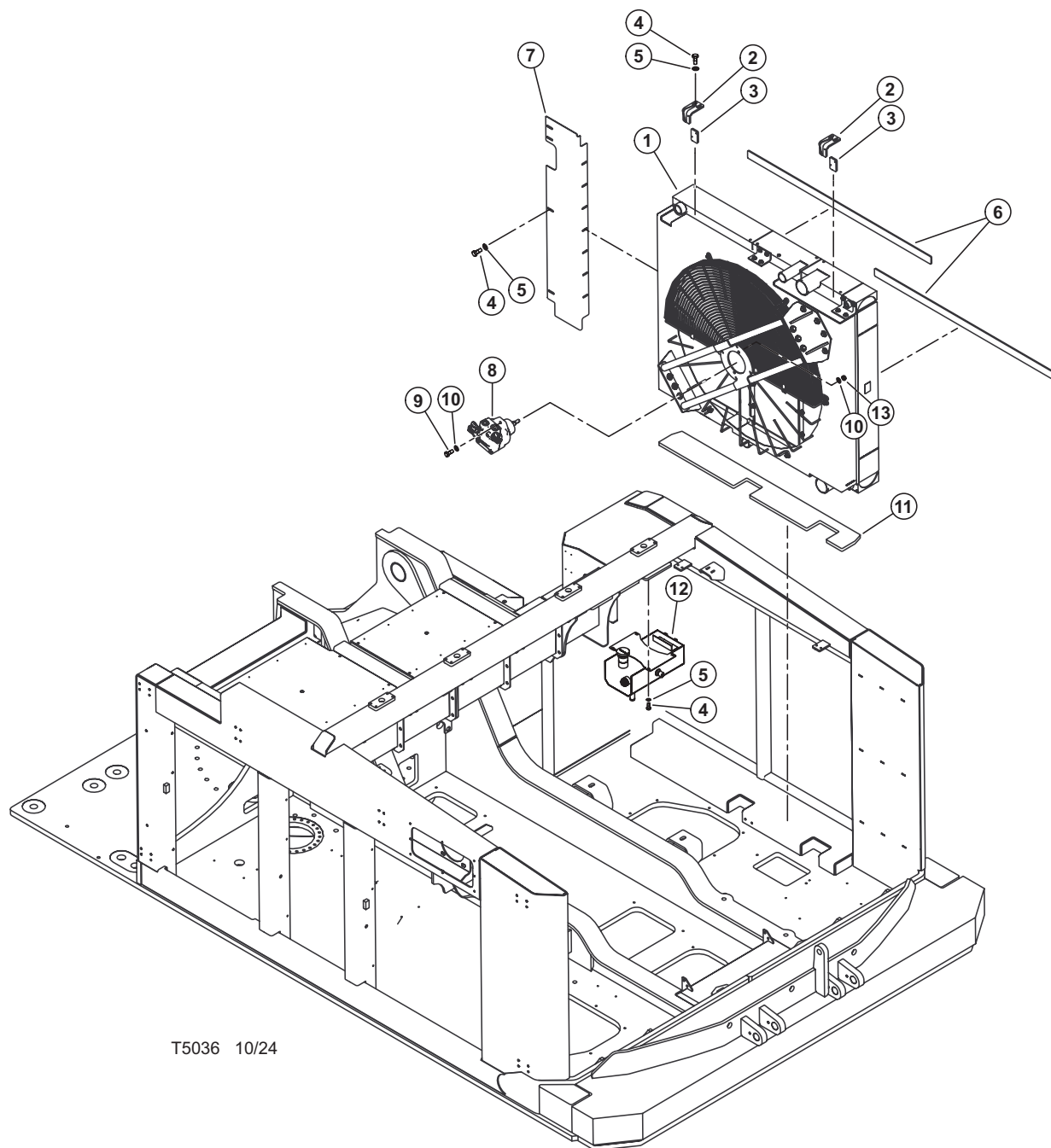
This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SECTION UP-2

(UPPER TURNTABLE RADIATOR & OIL COOLER)



UPPER TURNTABLE (RADIATOR / OIL COOLER INSTALLATION)



T5036 10/24

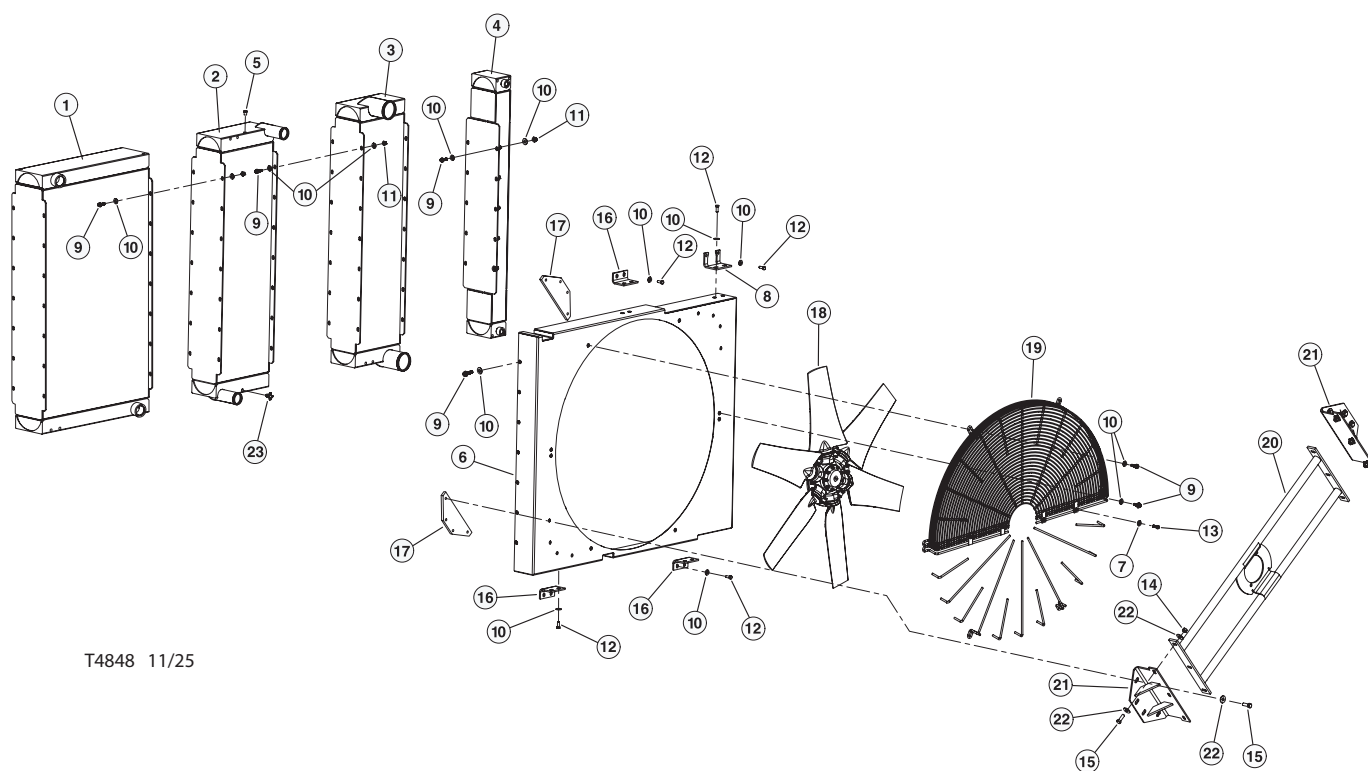
UPPER TURNTABLE

(RADIATOR / OIL COOLER INSTALLATION)

REF	PART #	QTY	DESCRIPTION
1	58128	1	RADIATOR / OIL COOLER - STAGE V TAIL SWING (COMPLETE UNIT)
2	62140	2	WELDMENT, COOLER TOP CLAMP
3	60106	2	RUBBER, COOLER TOP CLAMP
4	10402	9	BOLT - .375" X 1.25"
5	10802	9	WASHER, FLAT - .375"
6	62149	2	RUBBER, COOLER FRONT
7	62563	1	PLATE, COOLER FILL PANEL
8	55215	1	MOTOR, FAN DRIVE - RADIATOR W/FAN CONTROL
9	18933	2	BOLT - .5" X 1.75"
10	15534	4	WASHER, SAE FLAT - .5"
11	62148	1	RUBBER, COOLER BASE
12	60665	1	TANK, SURGE
13	10815	2	NUT, LOCK - .5" (NOT SHOWN)

UPPER TURNTABLE

(RADIATOR / OIL COOLER BREAKDOWN)



T4848 11/25

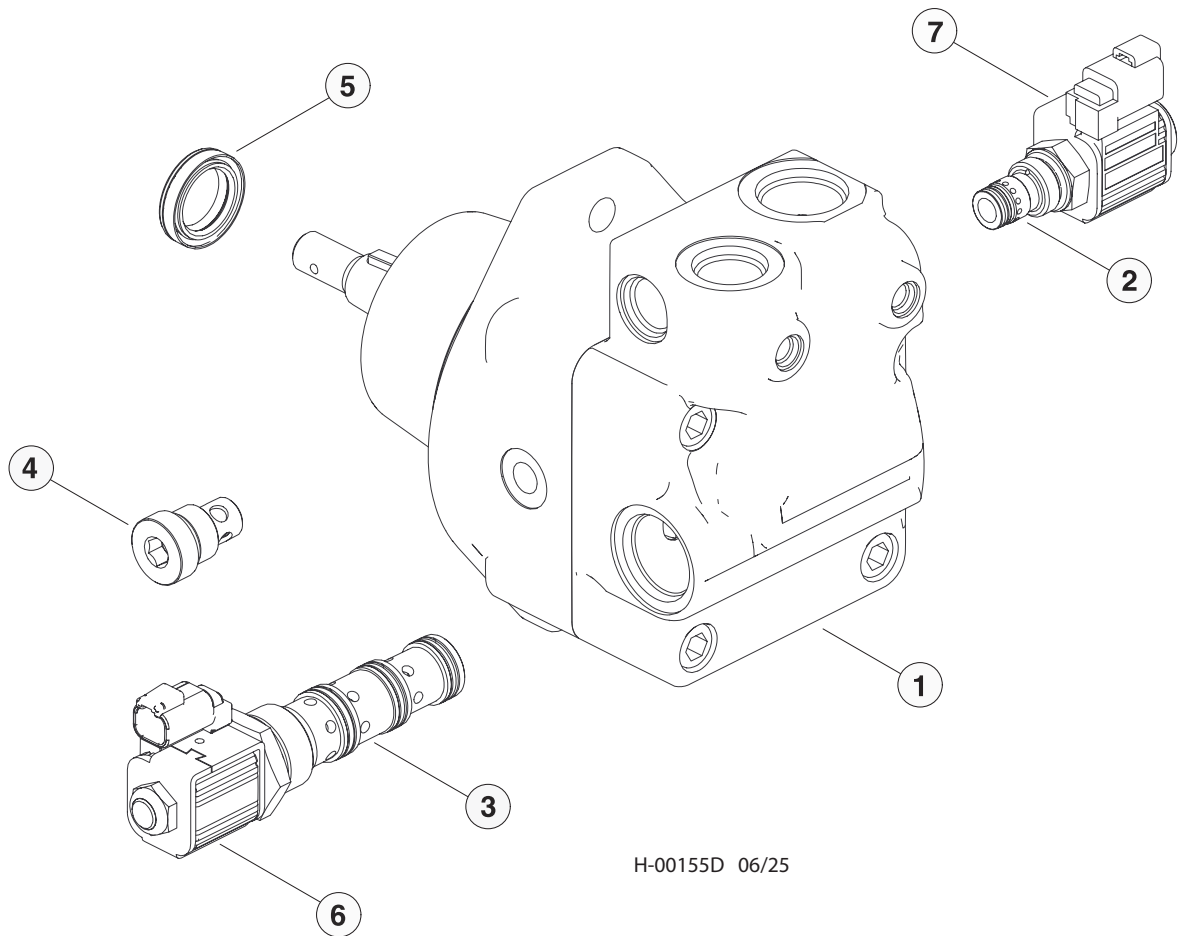
UPPER TURNTABLE

(RADIATOR / OIL COOLER BREAKDOWN)

REF	PART #	QTY	DESCRIPTION
-	58128	1	RADIATOR / OIL COOLER - STAGE V TAIL SWING (COMPLETE UNIT)
1	58168	1	CORE HYD OIL COOLER
2	3918.014.2000	1	RADIATOR
3	3918.014.3000	1	CHARGE AIR COOLER
4	3918.013.1700	1	A/C CONDENSER
5	603275	1	PLUG
6	3918.014.4015	1	FAN SHROUD
7	600978	4	WASHER
8	3918.013.0009	1	BRACKET
9	8050.059.0000	68	BOLT
10	603784	68	WASHER
11	600862AX	38	NUT
12	8050.058.0000	18	BOLT
13	8050.047.0000	4	BOLT
14	8049.062.0000	6	NUT
15	8050.066.0000	6	BOLT
16	3806.061.0001	3	BRACKET
17	3918.013.4012	2	SUPPORT
18	58146	1	FAN, RADIATOR - 44" D-TAIL SWING STAGE V
19	3918.003.4040	1	FUNGER GUARD
20	3918.013.5000	1	FAN MOTOR MOUNT
21	3918.013.5002	2	MOUNTING BRACKET
22	601827	12	WASHER
23	609027	1	DRAIN VALVE

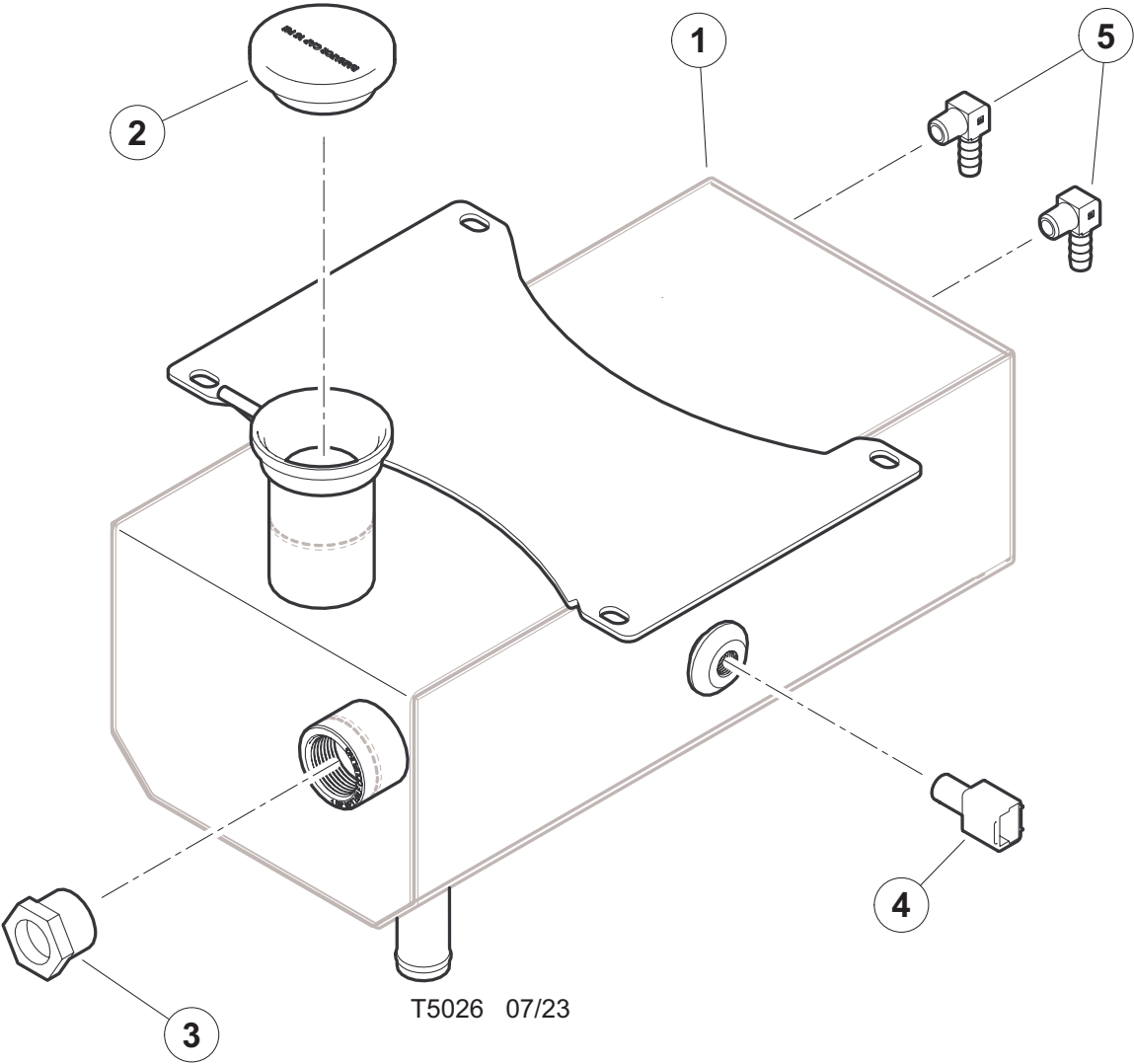
UPPER TURNTABLE

(RADIATOR / OIL COOLER FAN DRIVE MOTOR)



Item	Part #	Description	Qty.
1	55215	MOTOR, FAN DRIVE - RADIATOR W/FAN CONTROL	1
2	57603	VALVE, PROPORT. FAN MOTOR (SMALL)	1
3	57604	VALVE, REVERSING FAN MOTOR (LARGE)	1
4	58171	ASSEMBLY, CHECK VALVE	1
5	57688	SHAFT SEAL	1
6	CCS024HSZN	COIL	1
7	CCP024H	COIL	1

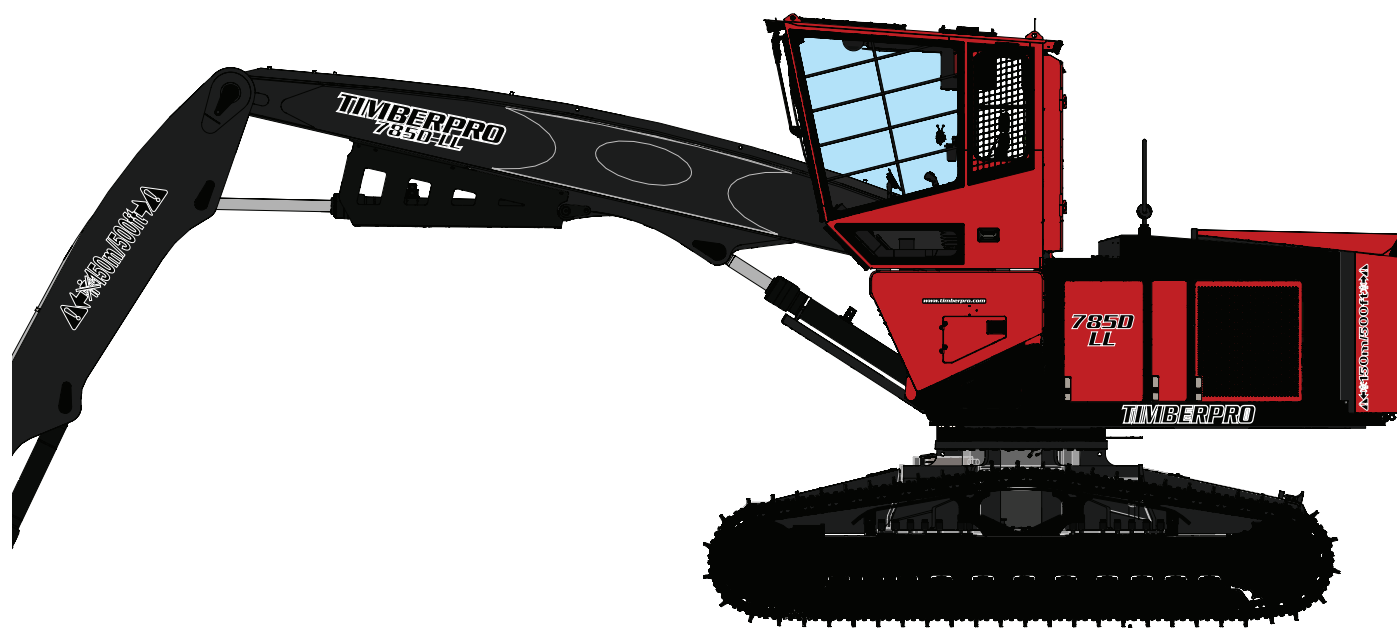
UPPER TURNTABLE
(RADIATOR OVERFLOW TANK)



REF	PART #	QTY	DESCRIPTION
1	60665	1	WELDMENT, D-SERIES SURGE TANK
2	57893	1	CAP, RADIATOR 15 LB
3	24308	1	SIGHT GLASS - HYDRAULIC TANK
4	58117	1	SENSOR, LOW COOLANT - STAGE 5
5	52586	2	ELBOW, 90 MALE HOSE BARB 6-4

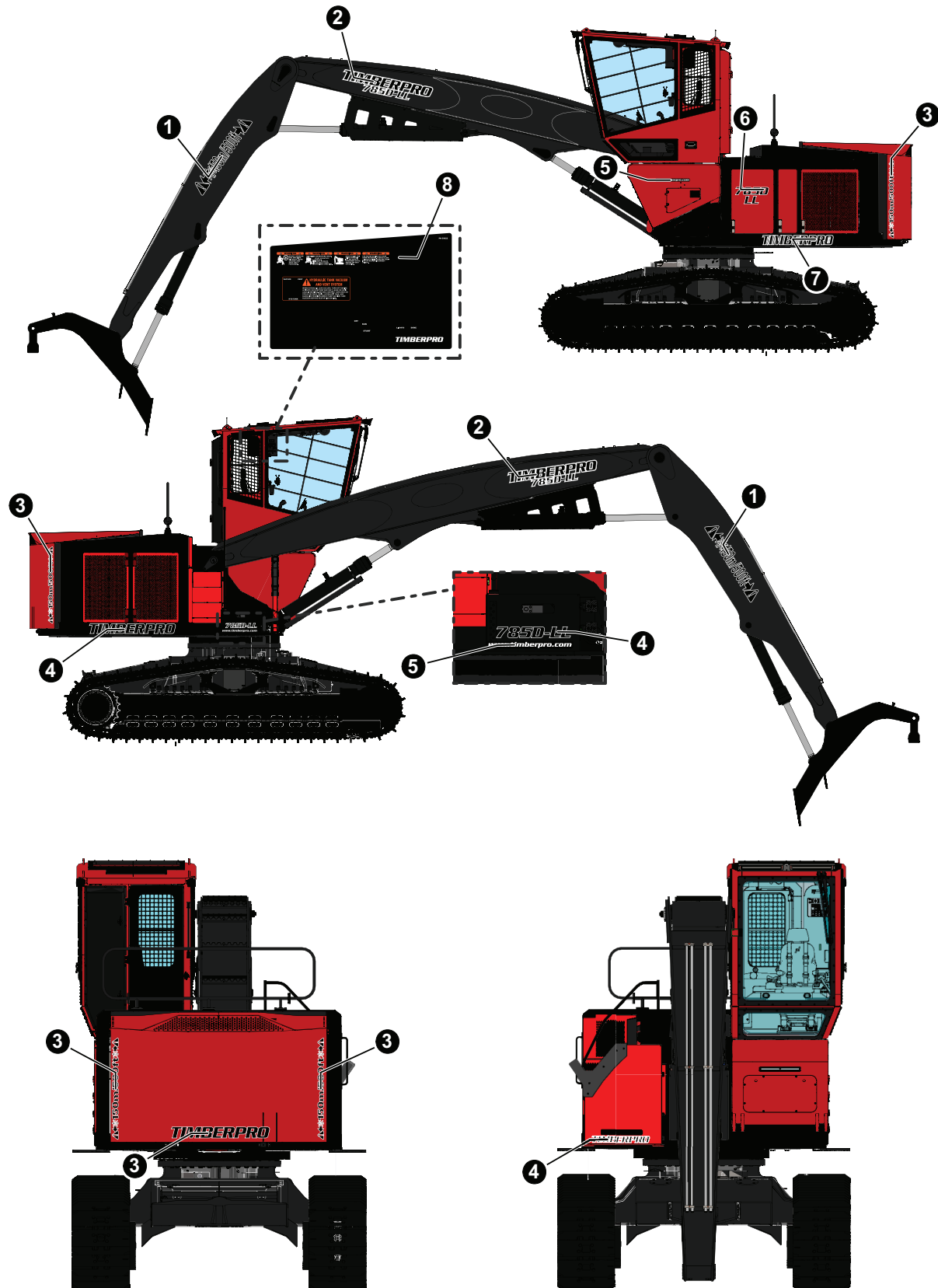
This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

SECTION UP-4 UPPER TURNTABLE DECALS



UPPER TURNTABLE - NV & LV

UPPER TURNTABLE AND BOOM EXTERIOR DECALS



UPPER TURNTABLE - NV & LV

UPPER TURNTABLE AND BOOM EXTERIOR DECALS

REF	PART #	QTY	DESCRIPTION
1	57920 (Kit #)	1	DECAL, BOOM Universal Keep Clear (Kit Includes 2 Decals)
2	59040 (Kit #)	1	DECAL, MODEL # - 785D-LL (Kit Includes 5 Decals; Two TimberPro/785D-LL Decals and Three 785D-LL Decals)
3	57628 (Kit #)	1	KIT, DECAL - "D" SERIES Outside (Kit Includes 3 Decals:) Two Warning Decals One TimberPro Decal
4	57628 (Kit #)	1	DECAL, KEEP CLEAR - GULLWING (Kit Includes 3 Decals; Two " Keep Clear " Decals and One " TimberPro " Gullwing Decal)
5	57908 (Kit #)	1	DECAL, Logos-Web Address (Kit Includes 2 " www.timberpro.com " Decals)
6	59053	1	DECAL, MODEL # - 785D-LL
7			NO PART # - No Kit# Shawn says it was custom made.
8	59022	1	DECAL, DASH - LogLoader

UPPER TURNTABLE - NV & LV

UPPER TURNTABLE CAB DECALS

1
(KIT ONLY)

TIMBERPRO

CAUTION

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

2

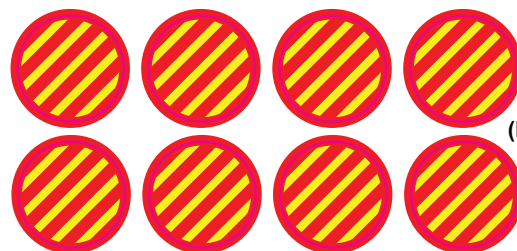
DO NOT tighten 1" bolt

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 1000C



3
(KIT ONLY)

WARNING: USE OF THIS ROPS IN A DAMAGED, MODIFIED OR ABUSED CONDITION OR WITH PROPER OVERTURN IS UNSAFE AND THE OPERATOR PROTECTION IS NO LONGER SUITABLE AND MUST BE REPLACED. ANY ALTERATIONS, MODIFICATIONS, ADD-ONS OR REPAIR WITHOUT THE WRITTEN CONSENT OF MANUFACTURE WILL VOID THE PRODUCT'S WARRANTY, LIABILITY AND CERTIFICATION.

MANUFACTURED FOR: TimberPro, Inc. 1407 Industrial Dr. Shawano, WI 54166 USA MANUFACTURED BY: Smith Welding 1345 Brewery Rd. Timonium, WI 54168 USA	ROLLOVER PROTECTION STRUCTURE (ROPS) CERTIFICATION This ROPS, when properly installed in accordance with TimberPro, INC installation instructions on a machine which is not altered to exceed the certification test weight and configuration, meets the criteria established by: ISO 883-2:2007 - 883-2:2005 - 883-2:2003 FIC 5012 - 5012 - 5014 - 5015 OR-OSHA 431-567-4775 EN-OSHA 2007C 1912:2006 TimberPro ROPS #9140 ROPS WP1 YCAB: 2015	MODELS: 880-SERIES 700-SERIES 800-SERIES MAXIMUM MACHINE MASS: 101,615 LBS (46,092 Kg)
--	---	--

4
(KIT ONLY)

NOTICE PN 51720

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

6

TIMBERPRO TimberPro Inc.
1407 Industrial Dr.
Shawano WI 54166

US Pat. D523029
US Pat. Pending 11/306434
US Pat. Pending 12/741115

PN 52807

7

1
(KIT ONLY)

TIMBERPRO

NOTICE

FOR SAFETY, PRACTICE THE FOLLOWING SAFETY MEASURES.

GENERAL SAFETY RULES

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

OPERATING SAFETY MEASURES

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

PN 1000C

WARNING

CALIFORNIA - Proposition 65 Warning
Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

11

9
(KIT ONLY)

MADE IN U.S.A.

WARNING

Do not store tools or heavy items in this compartment.

10
(KIT ONLY)

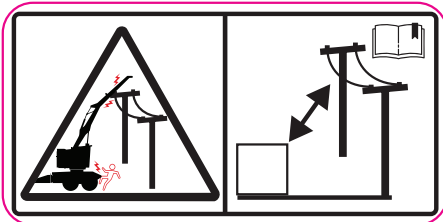
8
(KIT ONLY)

EMERGENCY ESCAPE

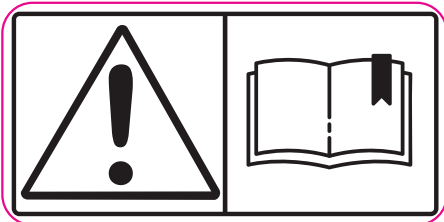
EMERGENCY ESCAPE

EMERGENCY ESCAPE

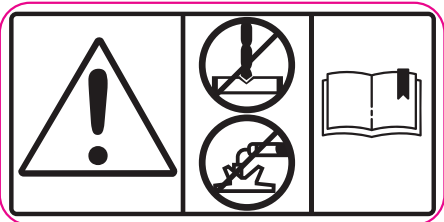
UPPER TURNTABLE - NV & LV
UPPER TURNTABLE CAB DECALS



12



13



14

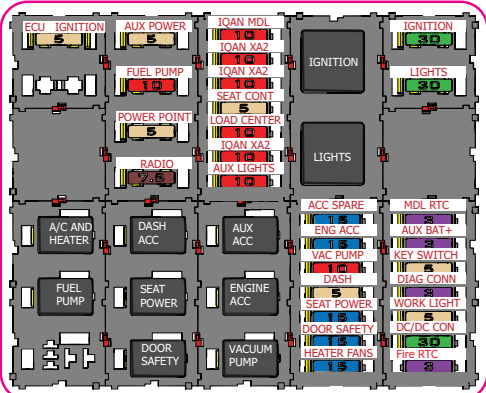
NOTE:
ALL DECALS ON THIS PAGE ARE
TO ORDERED AS A KIT ONLY



15



16



17

55493 KIT DECALS (REF. 1-17)

REF	PART #	QTY	DESCRIPTION
-	55493EN	1	KIT, DECAL - "D" SERIES Outside (ENGLISH)
-	55493BR	1	KIT, DECAL - "D" SERIES Outside (BRAZILIAN PORTUGUESE)
-	55493FR	1	KIT, DECAL - "D" SERIES Outside (FRENCH)
-	55493SP	1	KIT, DECAL - "D" SERIES Outside (SPANISH)
-	55493SW	1	KIT, DECAL - "D" SERIES Outside (SWEEDISH)

NOTE:

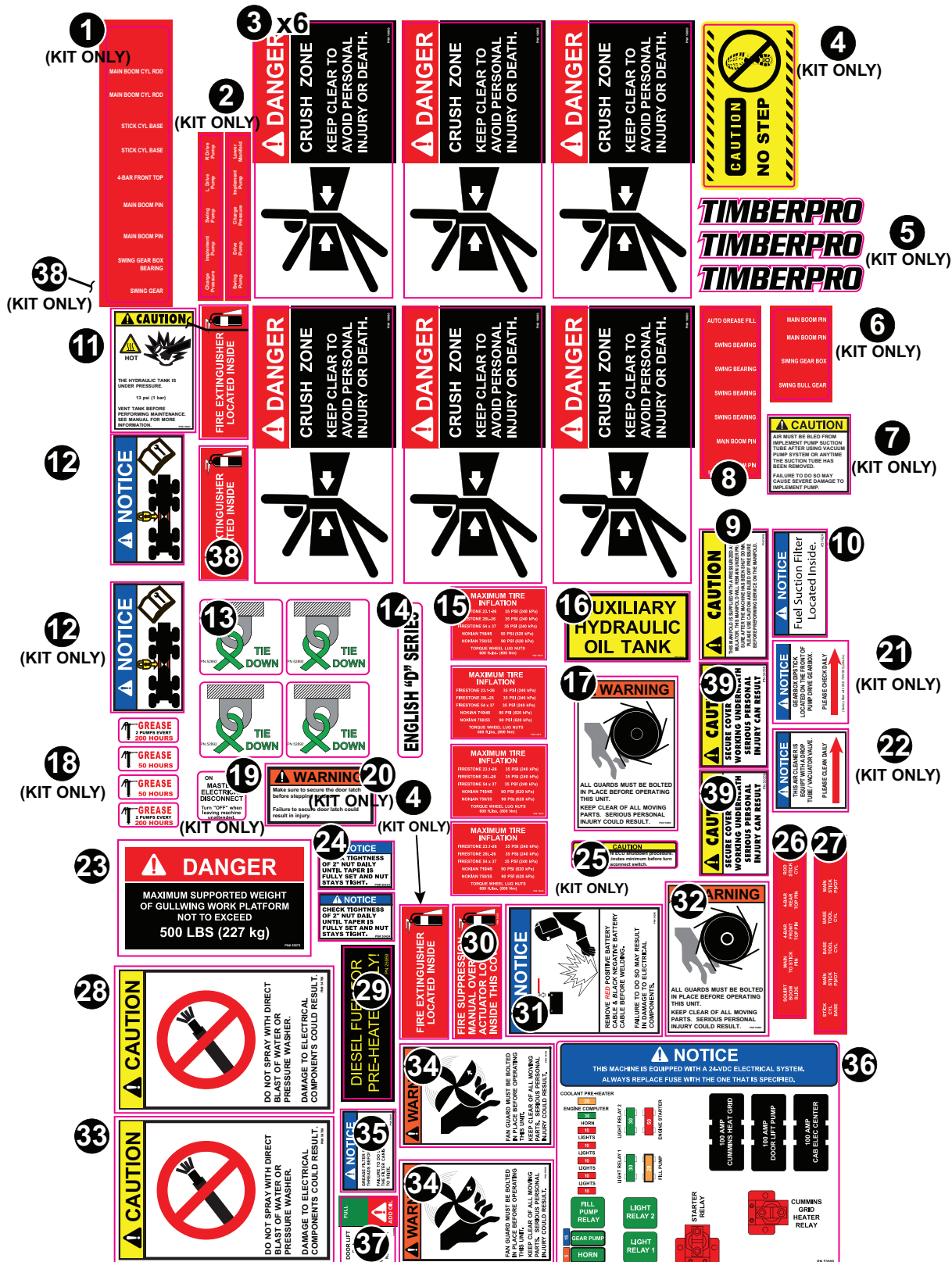
- Individual replaceable decals from Kit#55493 are listed below.
- Replaceable decals listed below are available in the languages listed above. To order an individual decal in a specific language use the two digit language extension from above. ie: 52827FR

KIT 55493 DECALS THAT CAN ORDERED INDIVIDUALLY

REF	PART #	QTY	DESCRIPTION
-	55493 NA		KIT, DECAL - "D" SERIES Outside
2	18066 1		DECAL, TAPERED HUB TORQUE
5	(CALL)		DECAL, CAB ROPS/OPS - (785)
6	21570 1		FUSE NOTICE
7	52827 1		DECAL, Patent Pend Logo
11	18337 1		DECAL, CALIFORNIA DIESEL EXHAUST WARNING

UPPER TURNTABLE - NV & LV

UPPER TURNTABLE WARNING, INFO, & CAUTION DECALS



UPPER TURNTABLE - NV & LV

UPPER TURNTABLE WARNING, INFO, & CAUTION DECALS

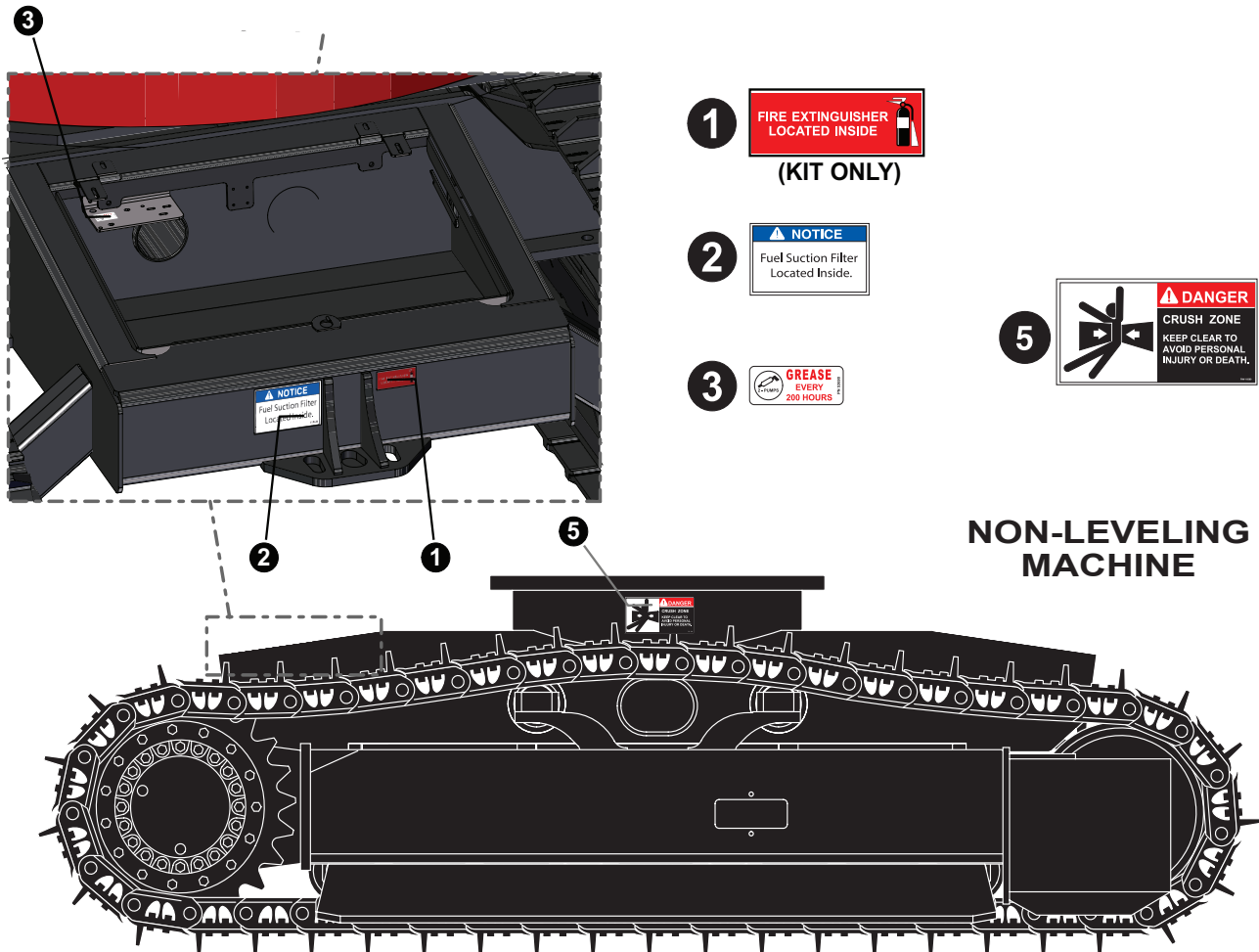
KIT DECALS (REF. 1-39)

REF	PART #	QTY	DESCRIPTION
-	57909EN	1	KIT, DECAL - "D" SERIES Outside (ENGLISH)
-	57909FR	1	KIT, DECAL - "D" SERIES Outside (FRENCH)
-	57909SP	1	KIT, DECAL - "D" SERIES Outside (SPANISH)
-	57909GR	1	KIT, DECAL - "D" SERIES Outside (GERMAN)
-	57909BR	1	KIT, DECAL - "D" SERIES Outside (Brazilian Portuguese)

KIT 57909 DECALS THAT CAN ORDERED INDIVIDUALLY

REF	PART #	QTY	DESCRIPTION
3	16060	1	DECAL, DANGER CRUSH ZONE
8	57952	1	DECAL, GREASE POINTS - Upper
9	53956	1	DECAL, lower man acc warning
10	51424	1	DECAL, Fuel Filter Location Inside
11	16607	1	DECAL, PRESSURIZED HYD. TANK
13	52892	1	DECAL, TIE DOWN
15	19678	1	DECAL, TIRE PRESSURE
16	53231	1	DECAL, Aux Hyd Oil Tank
17	53869	1	DECAL, MOVING PARTS WARNING
23	52672	1	DECAL, GULLWING SUPPORT WEIGHT WARNING
24	50424	1	DECAL, TORQUE 2" NUT NOTICE
26	52715	1	DECAL, GREASE POINTS - squirt 630/830 (NOT USED ON 785 MODEL)
27	52716	1	DECAL, GREASE POINTS - feller stick 630 (NOT USED ON 785 MODEL)
28	54766	1	DECAL, Pressure Washing Warning
29	25959	1	DECAL, DIESEL FUEL ONLY
30	51927	1	DECAL, Fire Suppression actuator inside
31	24286	1	DECAL, WELDING NOTICE - 300HP
32	53869	1	DECAL, MOVING PARTS WARNING
33	54766	1	DECAL, Pressure Washing Warning
34	19765	2	DECAL, KEEP CLEAR OF MOVING PARTS
35	23451	1	DECAL, GREASE FILTER CANISTER
36	53008	1	DECAL, engine electrical center MDL
37	51902	1	DECAL, Door Lift Pump Oil
39	50359	1	DECAL, SECURE COVER CAUTION

UPPER TURNTABLE - NV & LV
LOWER CARBODY DECALS

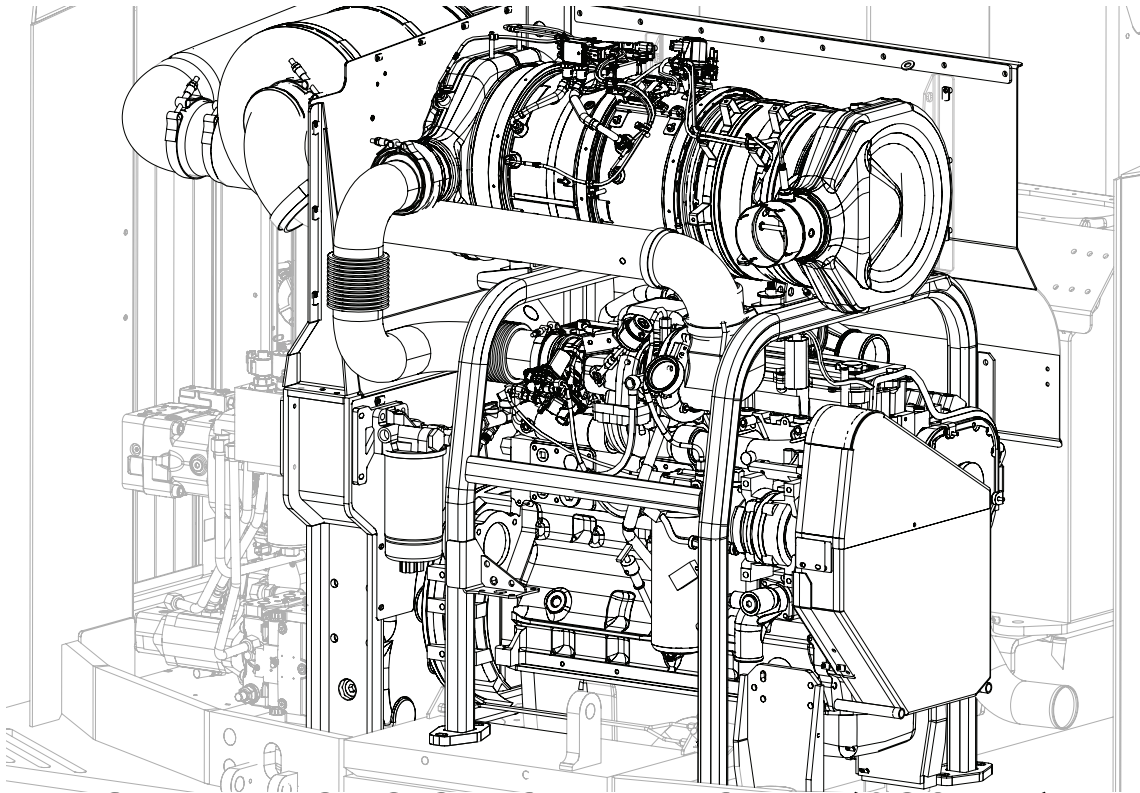


REF	PART #	QTY	DESCRIPTION
1	57909	1	DECAL, Fire Extinguisher Inside (KIT ONLY) See previous Page
2	51424	1	DECAL, Fuel Suction Filter location
3	53690	1	DECAL, 200 Hour Grease Notice
4	50424	2	DECAL, TORQUE 2" NUT NOTICE
5	16060	4	DECAL, DANGER CRUSH ZONE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

SECTION EE-1

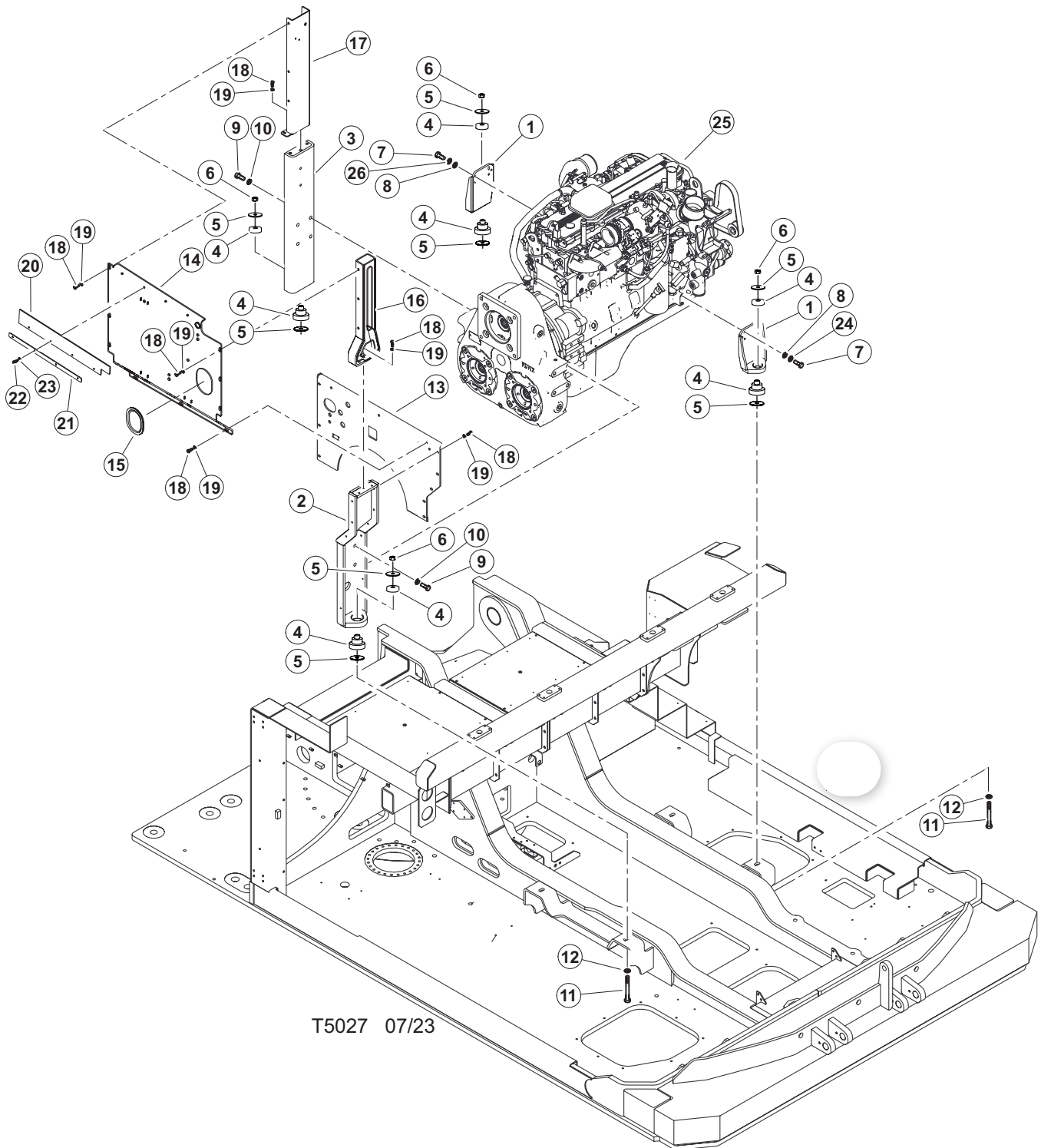
CUMMINS L9 STAGE V ENGINE (390 HP) PARTS AND INSTALLATION



CUMMINS L9 STAGE V ENGINE (390 HP)

ENGINE PARTS AND INSTALLATION

CUMMINS ENGINE INSTALLATION

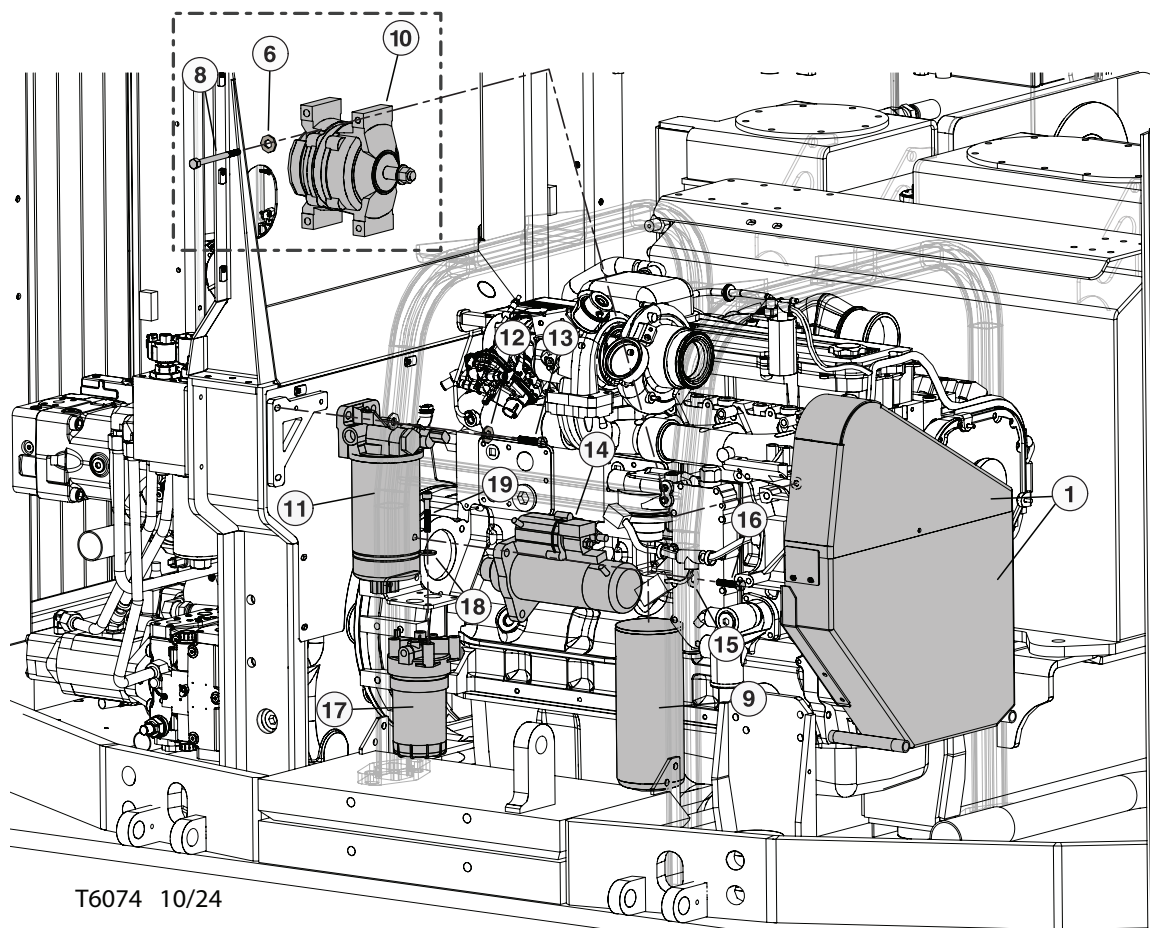
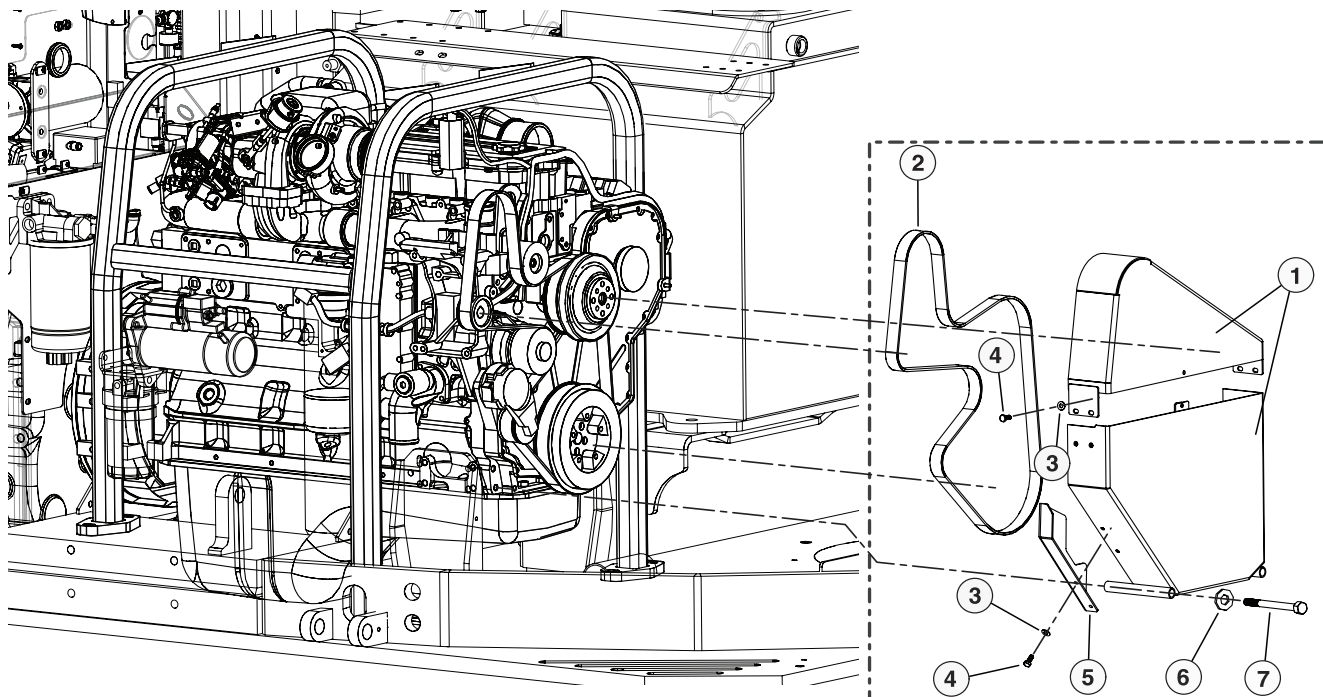


T5027 07/23

ENGINE PARTS AND INSTALLATION

CUMMINS ENGINE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	60269	2	MOUNT, ENGINE - FRONT (D MODEL)
2	66160	1	WELDMENT, ENGINE MOUNT REAR-D-MODEL-LL
3	66165	1	WELDMENT, ENG MT INNER REAR-D-MODEL-LL
4	60270	4	ISOLATOR, ENGINE MOUNT - D SERIES
5	60268	8	WASHER, ENGINE MOUNT D-MOD
6	50334	4	NUT, LOCK .875"
7	15551	8	BOLT - 12mm-1.75P x 40mm
8	18735	8	WASHER, FLAT - 12MM
9	15526	8	BOLT - .625" X 2"
10	10771	8	WASHER, SAE FLAT - .625"
11	21540	4	BOLT - .875" X 6"
12	10718	4	WASHER, SAE FLAT - .875"
13	66163	1	WELDMENT, LOWER ENG BARRIER PANEL-LL
14	66156	1	WELDMENT, FIREWALL-LL
15	1120A212	1.5'	BULB SEAL
16	60389	1	WELDMENT, G-BOX UPPER - D SERIES
17	60392	1	PLATE, UPPER G-BOX 2 - D SEREIS
18	11707	23	BOLT - .375" X 1.00"
19	10802	23	WASHER, FLAT - .375"
20	47206	1	RUBBER, ENGINE BARRIER PANEL
21	47205	1	BAR, BARRIER PANEL - ENGINE
22	15604	4	BOLT - .25" X .75"
23	10800	4	WASHER, FLAT - .25"
24	53760	8	1/2" LOCKWASHER KNURLED
25	58070	1	ENGINE, CUMMINS L9 -STAGE V 390 HP TAIL



T6074 10/24

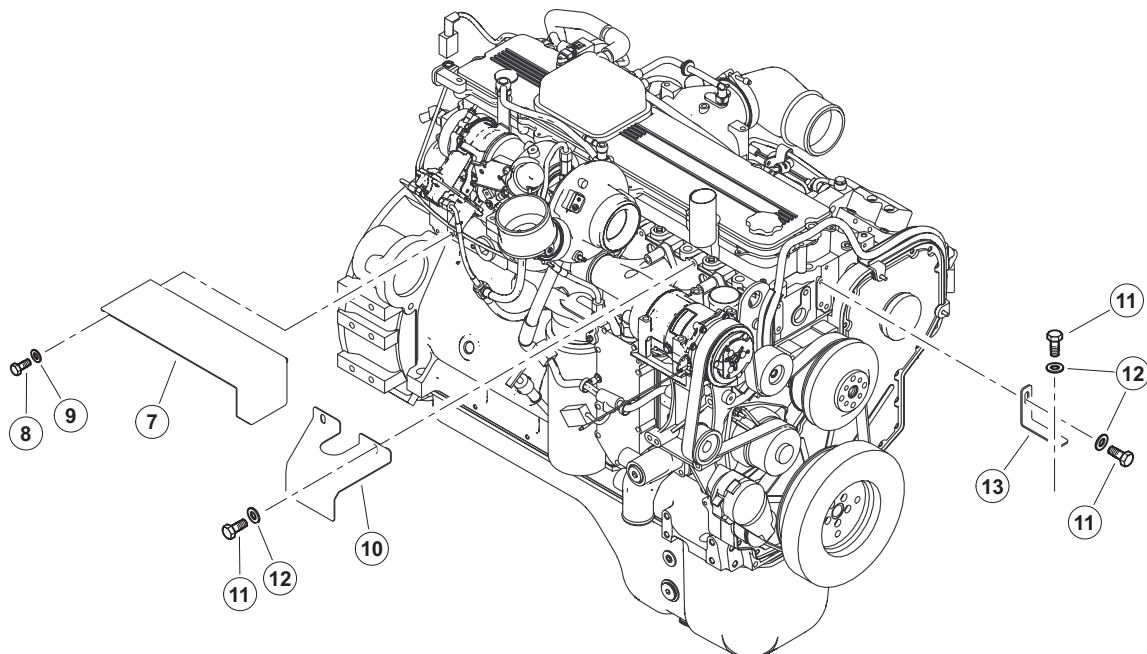
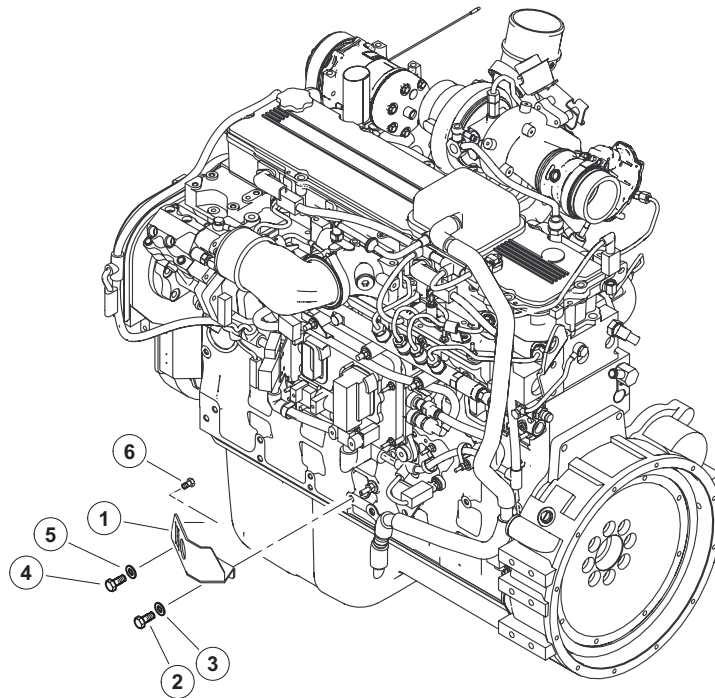
ENGINE PARTS AND INSTALLATION

CUMMINS L-9 STAGE V ENGINE COMPONENTS ONLY

REF	PART #	QTY	DESCRIPTION
1	60780	1	SHROUD, ENGINE BELT
2	59058	1	BELT, FAN - ENGINE
3	10757	7	1/4" FLAT WASHER
4	15604	7	BOLT - .25" X .75"
5	46288	1	SHROUD, FAN - BOTTOM
6	18735	6	12mm Washer
7	53110	2	BOLT - 12MM X 150MM FAN GUARD
8	15556	4	BOLT - 12MM-1.75P X 20MM
9	58084	1	OIL FILTER
10	(CALL)	1	ALTERNATOR, CUMMINS
11	58052	1	FUEL PRO FILTER - STAGE 1
12	15528	2	WASHER, SAE FLAT - .375"
13	10402	1	BOLT - .375" X 1.25"
14	(CALL)	1	STARTER, CUMMINS
15	24611	1	WASHER, FLAT - 10MM
16	24604	1	BOLT - 10MM-1.5P X 125MM (FLANGE HEAD)
17	58053	1	FILTER, FUEL - STAGE 2
18	10801	4	5/16" FLAT WASHER
19	25059	2	BOLT - 8MM-1.25P X 20MM

ENGINE PARTS AND INSTALLATION

ENGINE SHIELDS



B-00015D 03/24

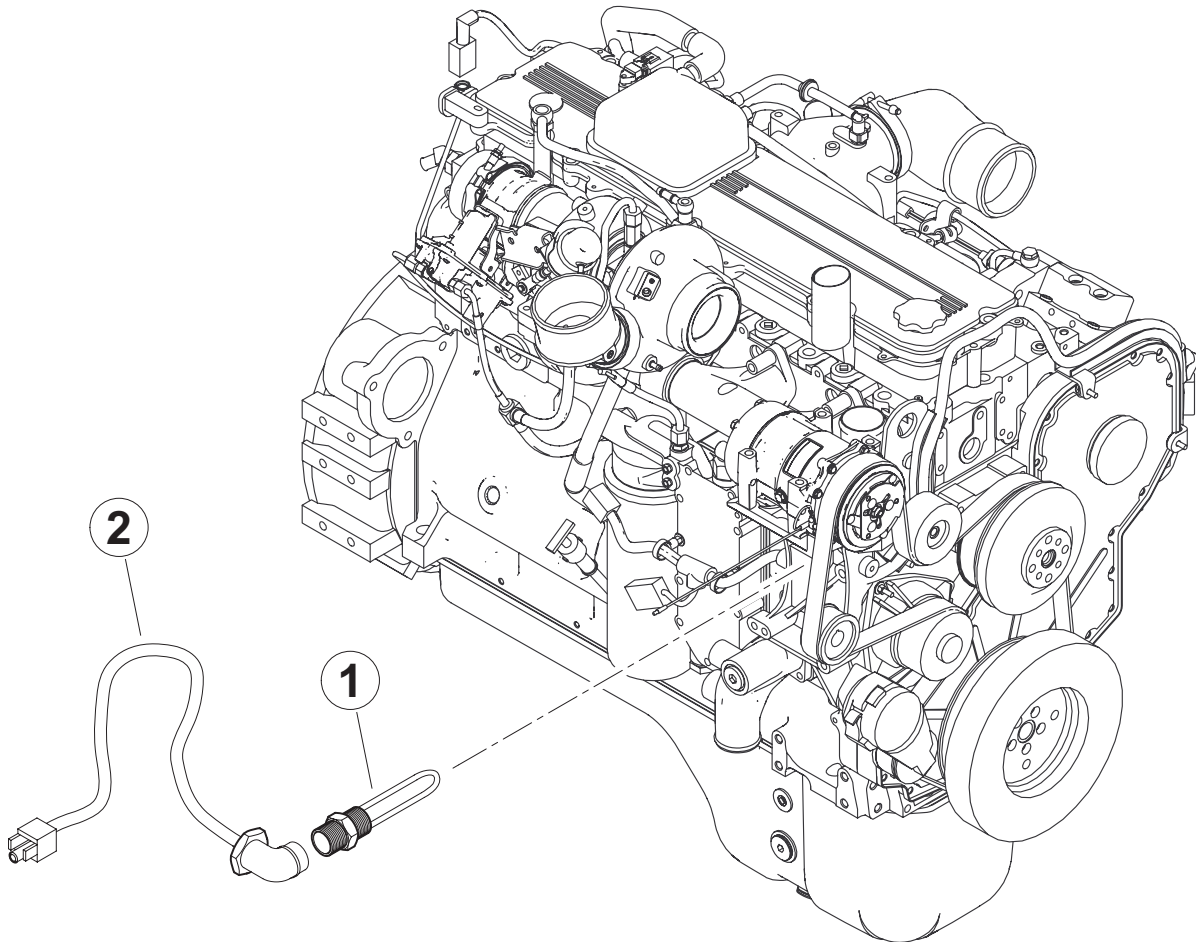
ENGINE PARTS AND INSTALLATION

ENGINE SHIELDS

REF	PART #	QTY	DESCRIPTION
1	60833	1	PLATE, ECM BH MOUNT
2	15556	1	BOLT - 12MM-1.75P X 20MM
3	18735	1	WASHER, FLAT - 12MM
4	17395	1	BOLT - 10MM-1.5P X 20MM
5	15528	1	WASHER, SAE FLAT - .375" OR 3/8"
6	(CALL)	2	#10 SELF TAPPING SCREW
7	46199	1	SHIELD, STARTER - CUMMINS
8	25059	2	BOLT - 8MM-1.25P X 20MM
9	15559	2	WASHER, SAE FLAT - .3125"
10	60825	1	PANEL, HEAT SHIELD - STAGE V
11	17395	4	BOLT - 10MM-1.5P X 20MM
12	15528	4	WASHER, SAE FLAT - .375" OR 3/8"
13	47416	1	PLATE, SUPPORT

ENGINE PARTS AND INSTALLATION

120V ENGINE BLOCK HEATER



B-00020D 03/24

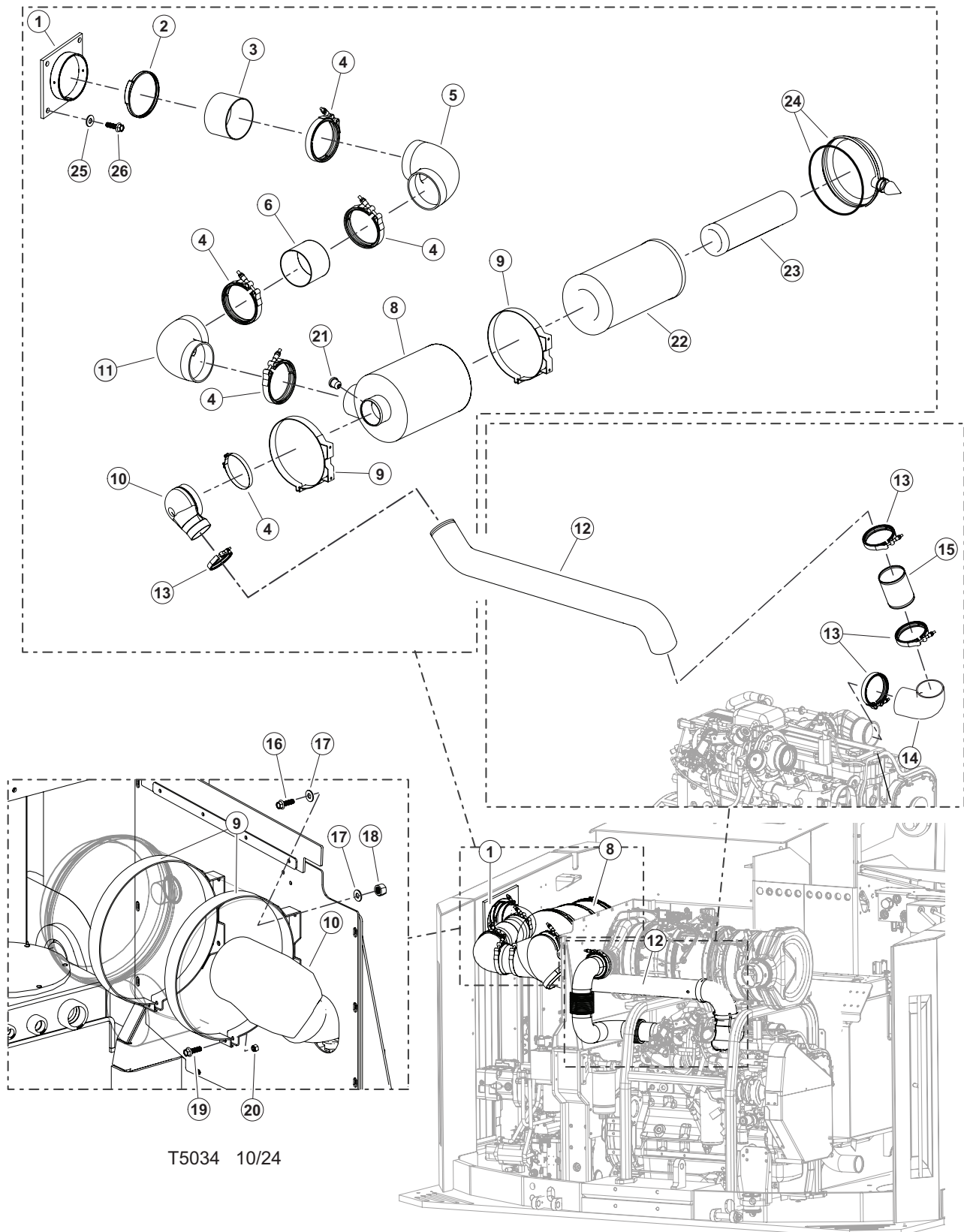
ENGINE PARTS AND INSTALLATION

120V ENGINE BLOCK HEATER

REF	PART #	QTY	DESCRIPTION
1	24377	1	HEATER, ENGINE BLOCK (CUMMINS QSC-1000W)
2	58344	1	CORD, ENGINE HEATER

ENGINE PARTS AND INSTALLATION

AIR CLEANER AND AIR INTAKE TUBE INSTALLATION



T5034 10/24

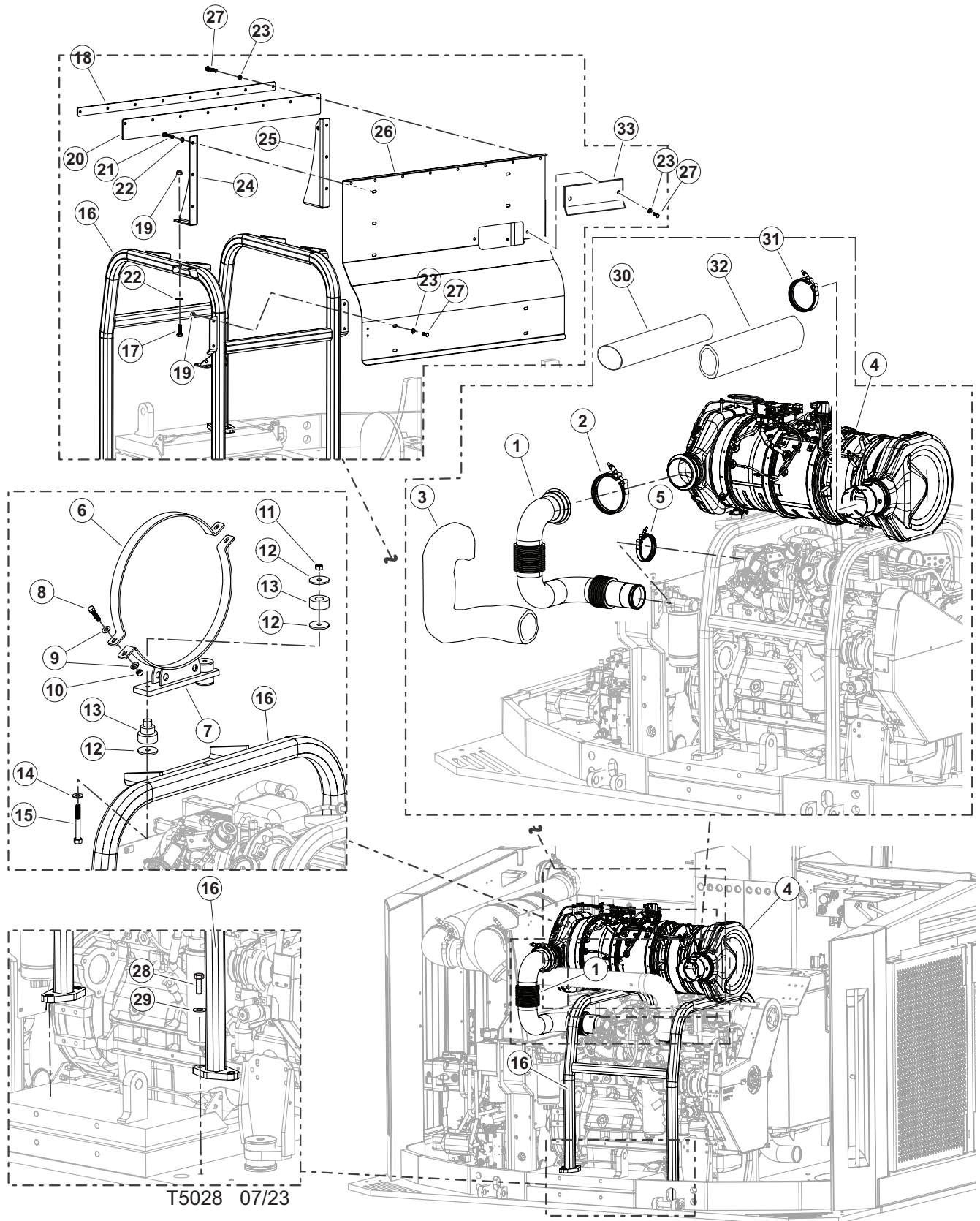
ENGINE PARTS AND INSTALLATION

AIR CLEANER AND AIR INTAKE TUBE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	60820	1	WELDMENT, AIR INTAKE FLANGE
2	55498	1	CLAMP, AIR INLET
3	60548	1	TUBE, AIR INLET - 6.00" OD X 6.00" LONG - (UP TO SN. - 1154)
3	66351	1	TUBE, AIR INLET - 6.00" OD X 7.00" LONG - (SN. 1169 AND FORWARD)
4	16249	5	CLAMP, STRAP BAND - 5.5"
5	57495	1	ELBOW, RUBBER 90° - 6.00" X 6.00"
6	63303	2	TUBE, 6.00" X 11.00"
7	55273	1	TRIM, PLENUM
8	58136	1	AIR CLEANER ASSEMBLY
9	58260	2	BAND, AIR CLEANER CLAMP
10	58981	1	ELBOW, RUBBER - COBRA 6" X 4"
11	58985	1	ELBOW, RUBBER 90° - 7.00" X 6.00"
12	63299	1	WELDMENT, AIR INTAKE TUBE
13	15697	4	CLAMP, STRAP BAND - 4.5"
14	55667	1	ELBOW, RUBBER 90 AIR INTAKE-COBRA 4-5
15	63299	1	TUBE, 4.00 X AIR CLNR TO TURBO
16	11707	4	BOLT - .375" X 1"
17	10802	8	3/8" WASHER
18	10813	4	NUT, LOCK - .375"
19	10822	2	BOLT - .3125" X 1.25"
20	10812	2	5/16" LOCKNUT
21	16114	1	INDICATOR, AIR CLEANER FILTER SERVICE
22	58276	1	FILTER, AIR CLEANER - PRIMARY
23	58277	1	FILTER, AIR CLEANER - SECONDARY
24	58275	1	COVER, AIR CLEANER
25	15528	4	WASHER, SAE FLAT - .375"
26	10731	4	BOLT - .375" X 1.5"

ENGINE PARTS AND INSTALLATION

STAGE V ENGINE MUFFLER AND MUFFLER MOUNT INSTALLATION ONLY



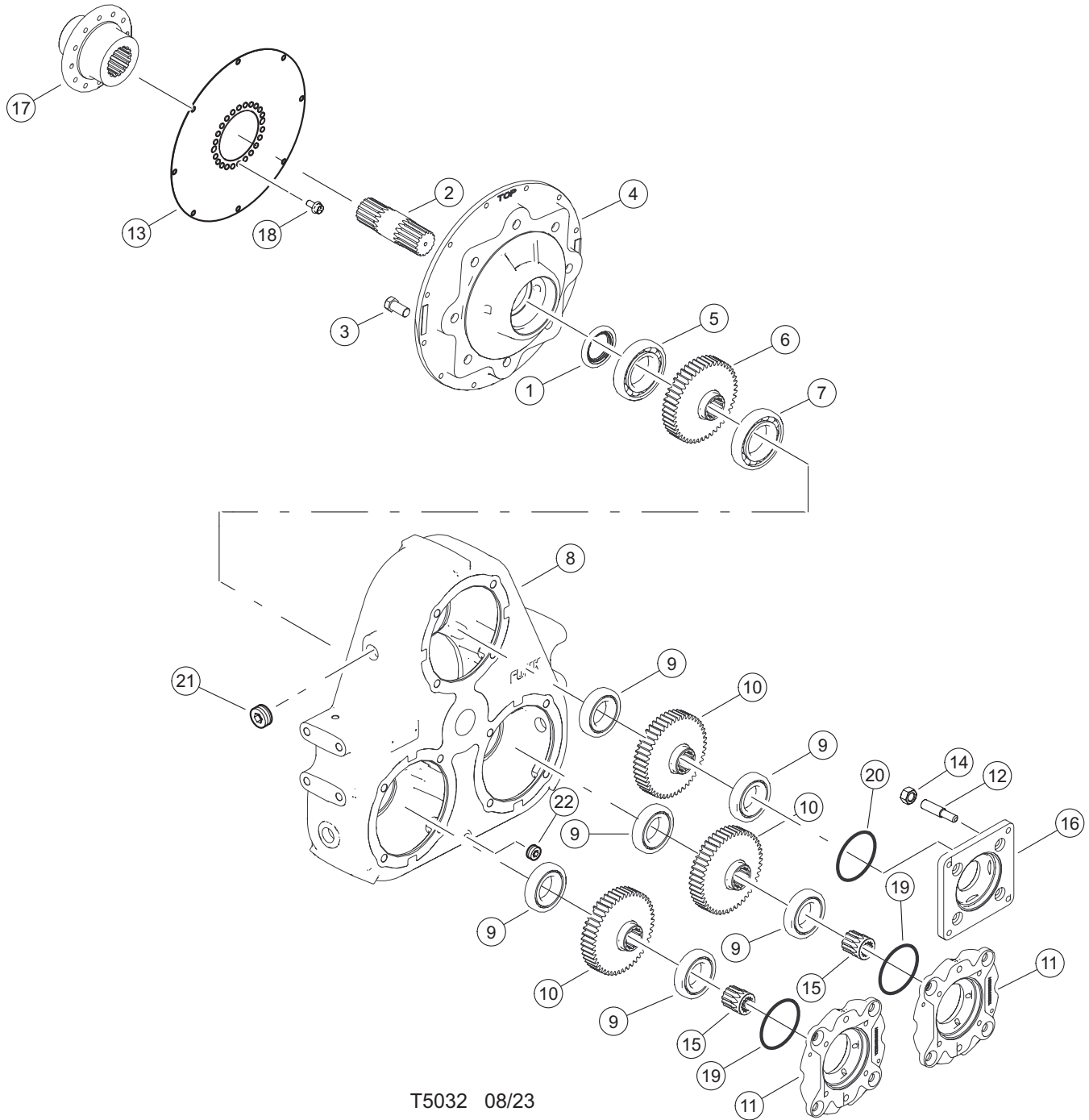
ENGINE PARTS AND INSTALLATION

STAGE V ENGINE MUFFLER AND MUFFLER MOUNT INSTALLATION ONLY

REF	PART #	QTY	DESCRIPTION
1	62201	1	PIPE, EXHAUST - TAIL SWING STAGE 5
2	16249	1	CLAMP, STRAP BAND - 5.5"
3	57841	1	INSULATION, EXHAUST PIPE - D-SERIES
4	60375	1	MUFFLER, STAGE V ENGINE - CUMMINS
5	20452	1	CLAMP, TURBO EXHAUST - C8.3 ELITE
6	60381	2	STRAP, SINGLE CAN MOUNT - AFTER TREATMENT
7	60380	2	WELDMENT, SCR MTG CLAMP - D SERIES
8	10822	4	BOLT - .3125" X 1.25"
9	10801	8	5/16" WASHER
10	10812	4	5/16-18 LOCKNUT
11	10815	4	1/2" LOCKNUT
12	46674	12	WASHER, FENDER - ISOLATOR
13	55560	4	ISOLATOR, RUBBER - MUFFLER - T4F
14	10804	4	1/2" FLAT WASHER
15	10893	4	BOLT - .5" X 3"
16	662220	1	WELDMENT, SCR SUPPORT-LL
17	10402	8	BOLT - .375" X 1.25"
18	48988	1	PLATE, SCR PANEL RUBBER HOLD DOWN
19	10813	8	NUT, LOCK - .375"
20	48986	1	RUBBER SHIELD
21	15542	10	BOLT - .375" X .75"
22	15528	10	WASHER, SAE FLAT - .375"
23	10802	10	WASHER, FLAT - .375"
24	48999	1	PLATE, SCR PANEL SUPPORT - LH
25	62115	1	PLATE, SCR PANEL SUPPORT - RH
26	621240	1	SHIELD, HEAT
27	11707	14	BOLT - .375" X 1"
28	15502	4	BOLT - .625" X 1.5"
29	10805	4	WASHER, FLAT - .625"
30	66284	1	WELDMENT, BAFFLED TAILPIPE-LL
31	16249	1	CLAMP, STRAP BAND - 5.5"
32	66341	1	HEAT BLANKET, TAILPIPE
33	62125	1	PLATE, VALVE ACCESS COVER

ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION BREAKDOWN



ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION BREAKDOWN

REF	PART #	QTY	DESCRIPTION
*	58980	1	TRANSMISSION, TRIPLE PUMP DRIVE (2000 rpm)
1	18027	4	SEAL
2	18388	1	SHAFT
3	(CALL)	8	FASTENER
4	(CALL)	1	COVER, engine adapter housing (See Note #2 Below)
5	18891	1	BEARING
6	57766	1	CENTER GEAR
7	18892	1	BEARING
8	(CALL)	1	HOUSING
9	(CALL)	6	BEARING
(MUST VERIFY INPUT GEARS USED ON MACHINE)			
10	57766	3	INPUT GEAR - (STANDARD)
10	57766	2	INPUT GEAR - (STANDARD) (2 USED IF MACHINE HAS 65388 LONG NOSE INPUT GEAR)
10	65388	1	INPUT GEAR - (LONG NOSE) (USED IF IMPLEMENT PUMP HAS SHORT SHAFT)
11	54767	2	COVER, BOTTOM
12	18293	4	THREADED STUD
13	18028	1	DRIVE PLATE
14	(CALL)	4	NUT
15	16330	2	ADAPTOR SLEEVE
16	57898	1	PAD, PUMP DRIVE BOX - REXROTH 175CC IMP
17	(CALL)	1	PINION FLANGE YOKE
18	(CALL)	12	FASTENER
19	(CALL)	2	GASKET
20	(CALL)	1	GASKET
21	(CALL)	4	PLUG
22	(CALL)	1	PLUG, DRAIN

Note #1:

Use Loctite 272 (blue) during installation.

Note #2:

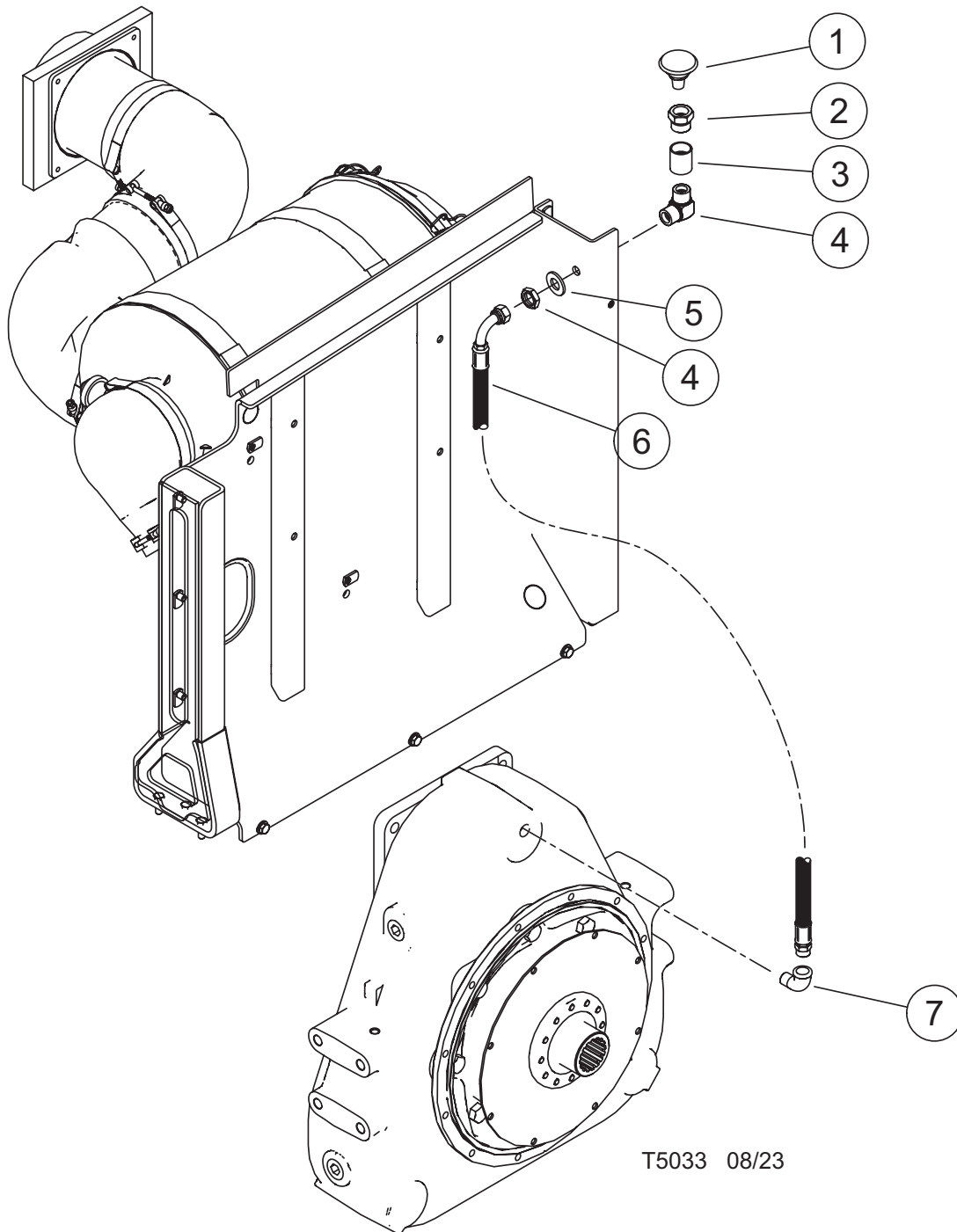
Use Silicone sealant during installation.

Note #3:

Use teflon sealant during installation.

ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION BREATHER



T5033 08/23

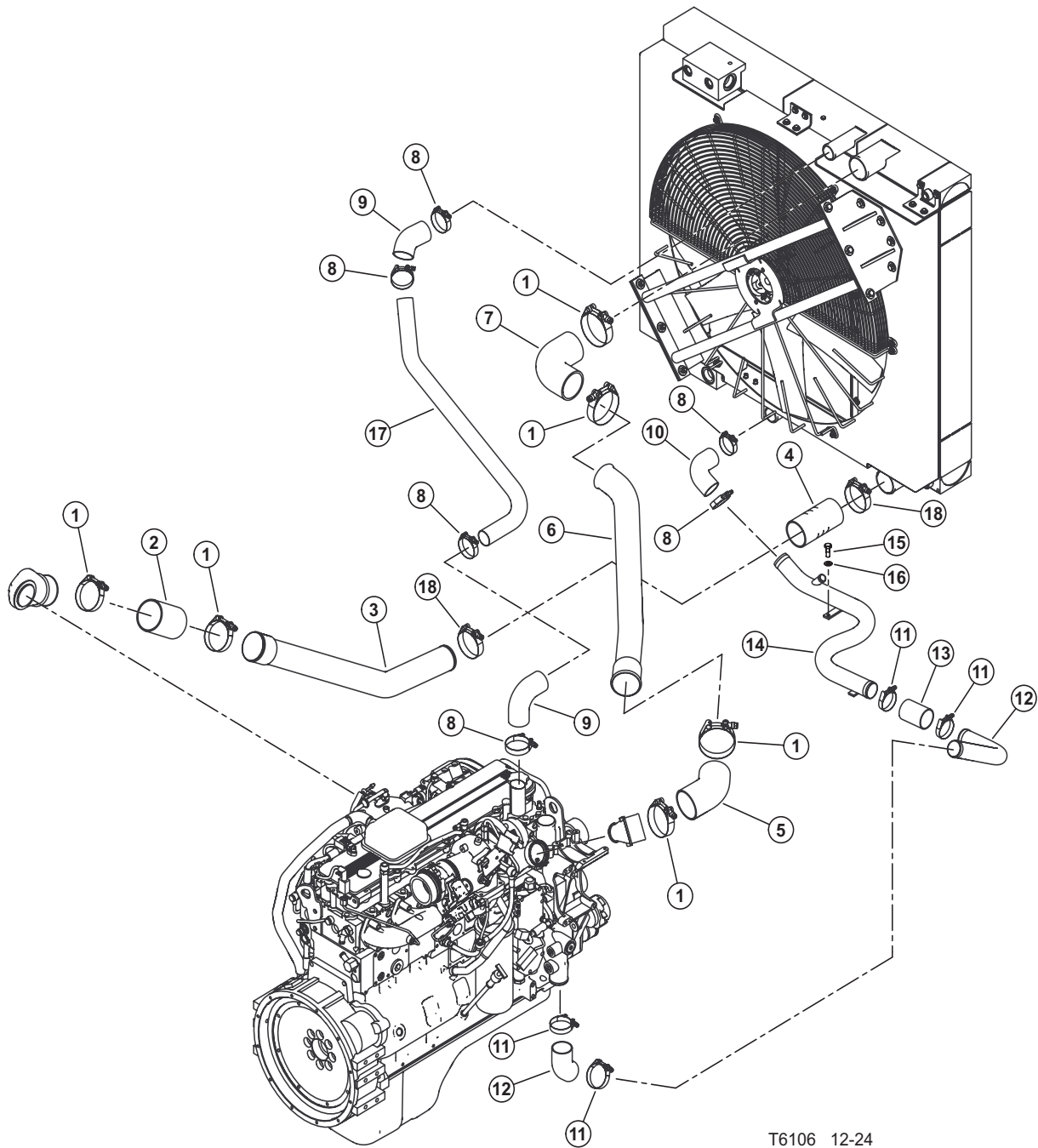
ENGINE PARTS AND INSTALLATION

PUMP DRIVE TRANSMISSION BREATHER

REF	PART #	QTY	DESCRIPTION
1	21304	1	VENT AP
2	11318	1	BUSHING, REDUCER - 5406-6-4
3	57422	1	FITTING, 6-6 G6X-S
4	55347	1	FITTING, ELBOW - BULKHEAD 6 WETX-WLN-S
5	(CALL)	1	5/8" TRU TORQ, EXTRA THICK FLAT WASHER: 15/64" THICK, 21/32" ID, 1 5/16" OD
6	(See Description)	1	HOSE, Supplier Part # 387TC 38 06-06JS-06J9 (Triple Drive Vent Hose)
7	16251	1	ELBOW, 90 STREET - 5502-4

ENGINE PARTS AND INSTALLATION

ENGINE TUBES - AIR TO AIR & RADIATOR CONNECTIONS



T6106 12-24

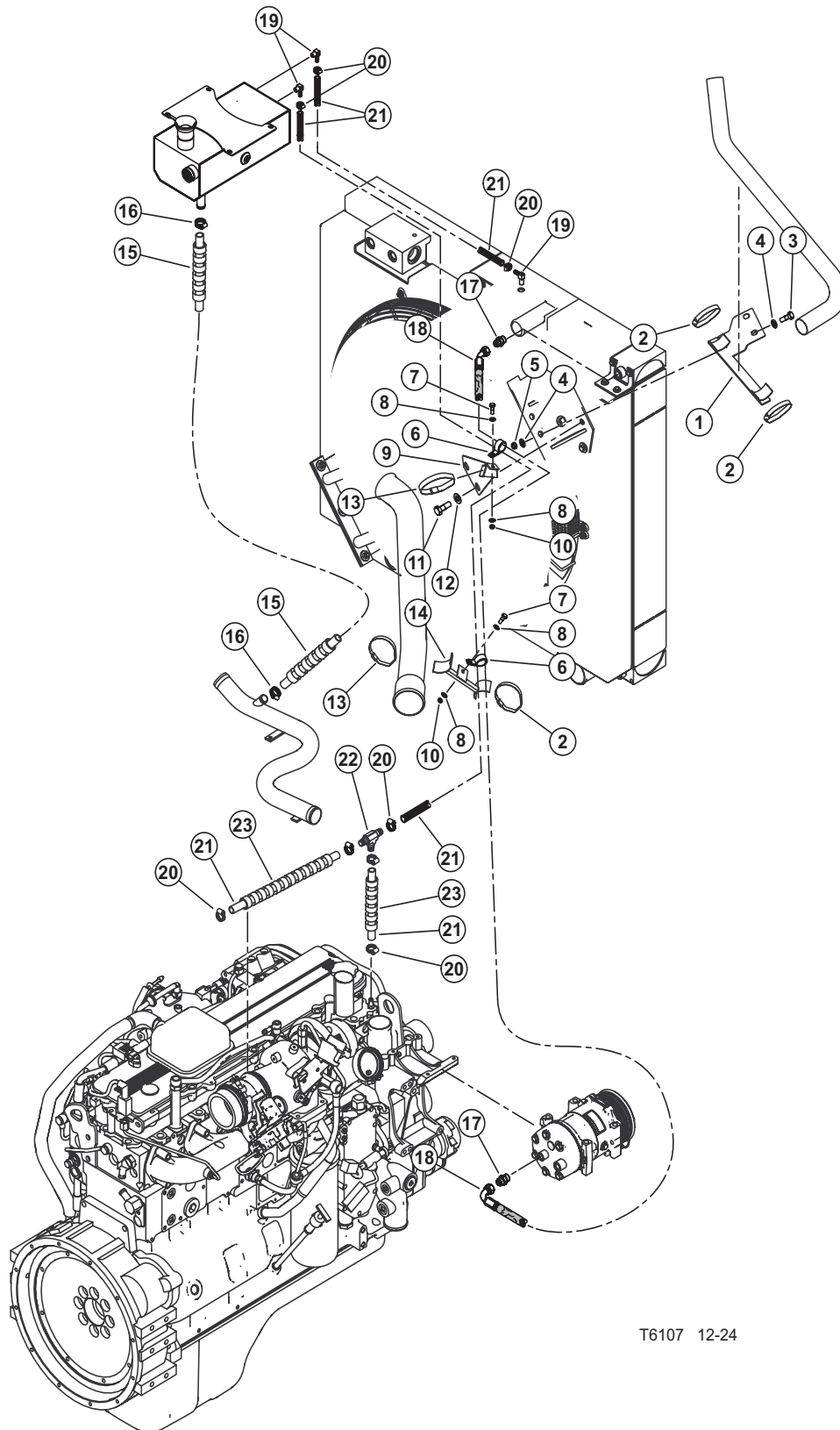
ENGINE PARTS AND INSTALLATION

ENGINE TUBES - AIR TO AIR & RADIATOR CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	15697	2	CLAMP, STRAP BAND - 4.5"
2	55646	1	HOSE, AIR TO AIR - CUMMINS - 4" X 4" STR
3	66354	1	TUBE, BOTTOM CAC - ENGINE CA IN
4	52861	1	HOSE, HUMP - SILICONE (3 WIRE CUMMINS)
5	52729	1	ELBOW, 48 - 4" BOOT (AIR TO AIR)
6	58960	1	TUBE, UPPER CAC TO MANIFOLD
7	52753	1	ELBOW, 90 - 3.5" X 6" SILICONE
8	18103	6	CLAMP, CONSTANT TORQUE - #40
9	57992	1	HOSE, RADIATOR - D-SERIES
10	58149	1	HOSE, RAD 90 DEG D-MOD 2 1/2 ID
11	18104	4	CLAMP, CONSTANT TORQUE - #36
12	48582-2	1	TUBE, LOWER COOLANT LINE-TAIL SWING
13	57992	2	HOSE, RADIATOR - D-SERIES
14	48582	1	TUBE, LOWER COOLANT LINE-TAIL SWING
15	15589	2	BOLT - .3125" X 1.00"
16	10801	2	WASHER, FLAT - .3125"
17	48583	1	TUBE, UPPER COOLANT LINE-TAIL SWING
18	52862	2	CLAMP, SPRING HOSE - 4"

ENGINE PARTS AND INSTALLATION

ENGINE TUBES - AIR TO AIR & RADIATOR CONNECTIONS



T6107 12-24

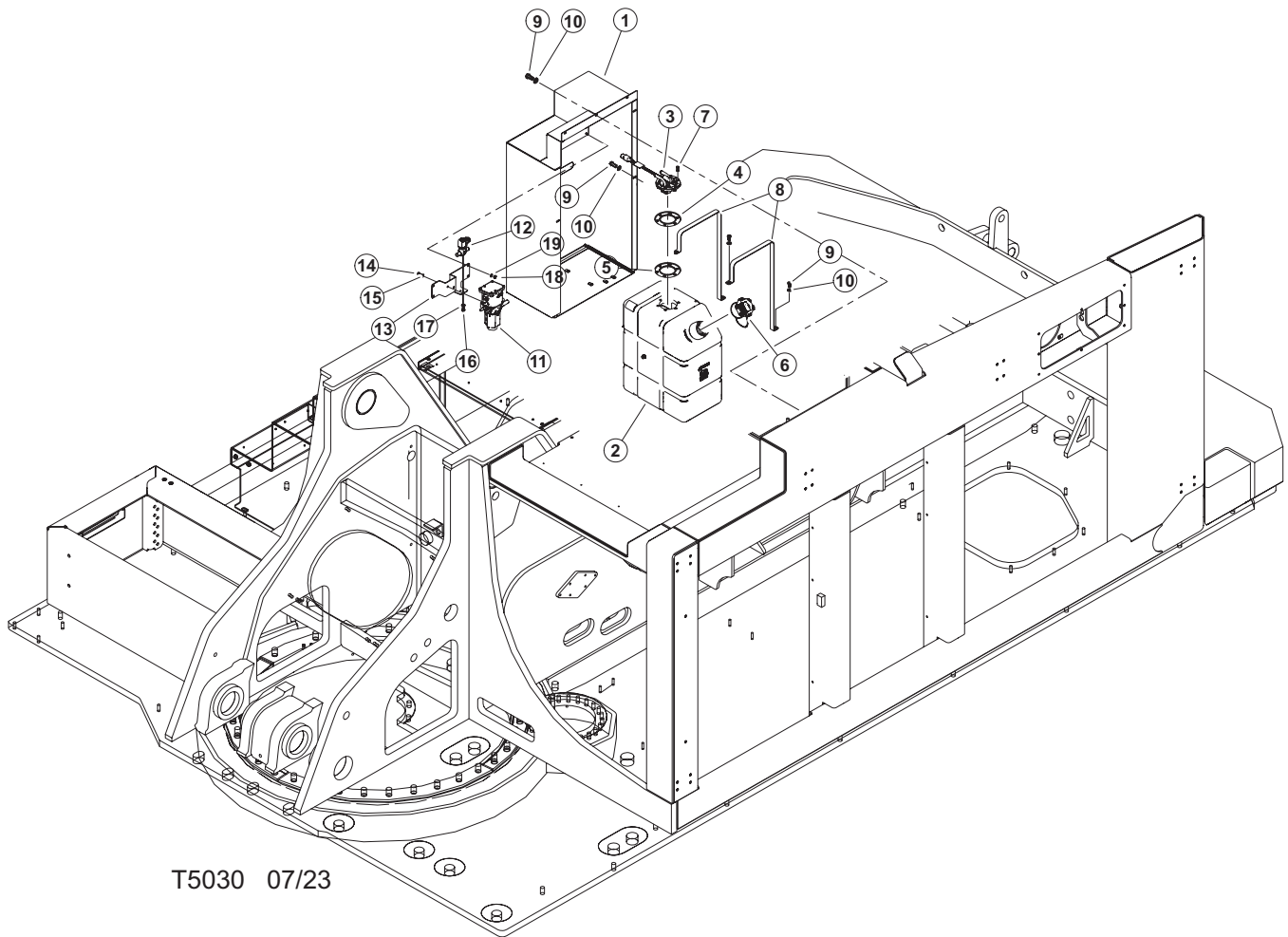
ENGINE PARTS AND INSTALLATION

ENGINE TUBES - AIR TO AIR & RADIATOR CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	629130	1	SUPPORT, TUBE
2	52449	3	CLAMP, WORM STYLE 4"
3	10402	2	BOLT - .375" X 1.25"
4	10802	4	WASHER, FLAT - .375"
5	15507	2	NUT, NYLOCK - .375"
6	16119	2	CLAMP, HOSE - COATED STRAP - 1"
7	18309	2	BOLT - .25" X 1.25"
8	10800	4	WASHER, FLAT - .25"
9	629140	1	BRACKET
10	15509	2	NUT, NYLOCK - .25"
11	50100	2	BOLT - .5" X 1.25"
12	10804	2	WASHER, FLAT - .5"
13	15597	2	CLAMP, HOSE - WORM STYLE - 4"
14	620900	1	PLATE, HOSE MOUNT
15	27846	AR	WRAP, SPIRAL HOSE - 3/8"I.D. .052" WALL
16	15629	2	CLAMP, HOSE - WORM STYLE - 1.5"
17	(CALL)	2	Fitting, ST (Badger Truck #21.31406)
18	(CALL)	1	A/C HOSE - A/C COMPRESSOR TO CONDENSER
19	52586	3	ELBOW, 90 MALE HOSE BARB 6-4
20	16255	7	CLAMP, HOSE - WORM STYLE - 2.25"
21	55411	AR	HOSE, COOLENT - 3/8"
22	57902	1	TEE, HOSE BARB - 3/8"
23	27846	AR	WRAP, SPIRAL HOSE - 3/8"I.D. .052" WALL

ENGINE PARTS AND INSTALLATION

CUMMINS STAGE V ENGINE DEF TANK ASSEMBLY AND INSTALLATION



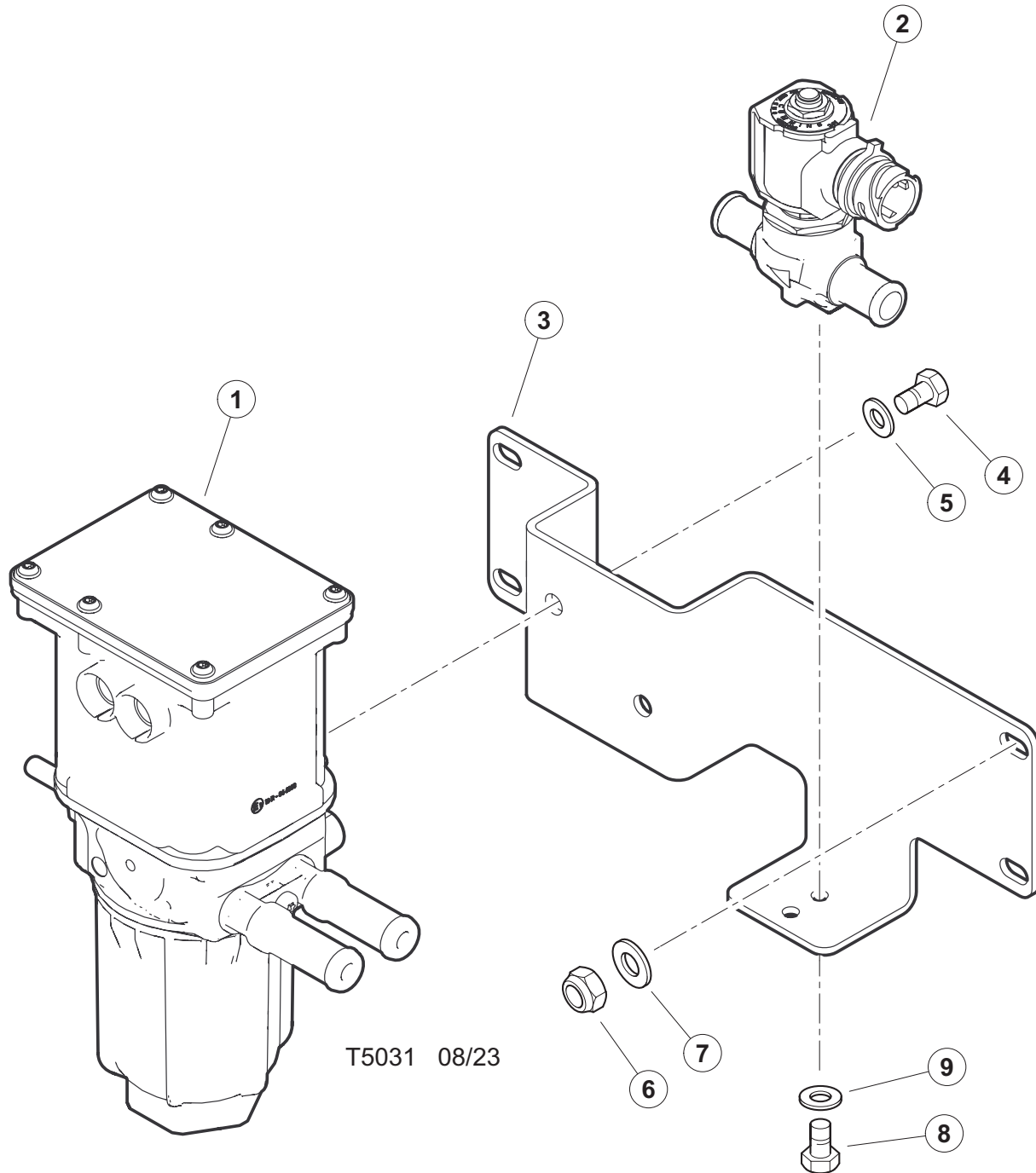
ENGINE PARTS AND INSTALLATION

CUMMINS STAGE V ENGINE DEF TANK ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	66195	1	WELDMENT, DEF COMPARTMENT
2	(CALL)	1	DEF TANK ASSM.
3		1	HEAD, DEF TANK
4		2	PLATE, CLAMPING
5		1	GASKET
6		1	CAP, DEF TANK
7	(CALL)	6	BOLT
8	66198	2	STRAP, DEF TANK MTG-CUMMINS-LL
9	11707	4	BOLT - .375" X 1.00"
10	10802	4	WASHER, FLAT - .375"
11	60414	1	PUMP, BOSCH UL2 DOSER
12	60412	1	VALVE, STAGE 5 CUMMINS - WATER
13	48984	1	PLATE, DEF DOSER MTG STAGE V
14	(CALL)	2	BOLT - M8-1.25 X 20MM
15		2	WASHER, FLAT - M8
16		2	BOLT - M5-0.8 X 20MM
17	(CALL)	2	WASHER, FLAT - M5
18	10812	2	NUT, LOCK - .3125"
19	15559	2	WASHER, SAE FLAT - .3125"

ENGINE PARTS AND INSTALLATION

CUMMINS STAGE V ENGINE DEF DOSER PUMP & WATER VALVE



ENGINE PARTS AND INSTALLATION

CUMMINS STAGE V ENGINE DEF DOSER PUMP & WATER VALVE

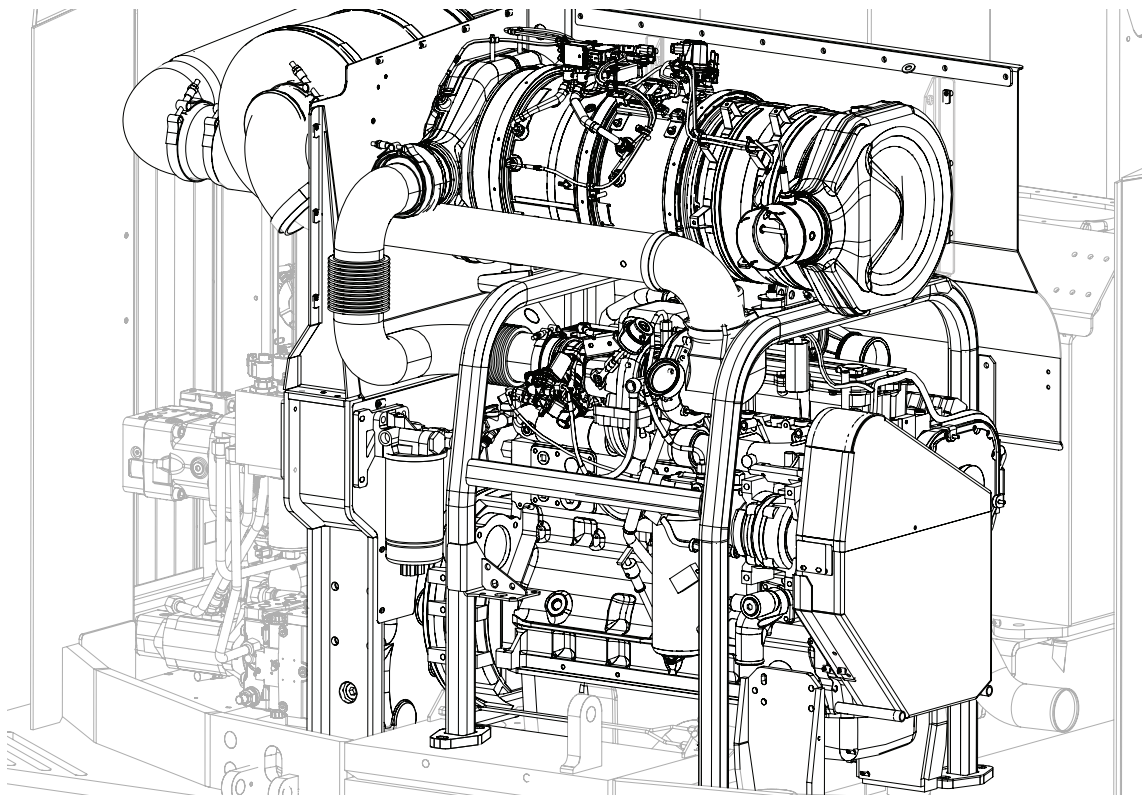
REF	PART #	QTY	DESCRIPTION
1	60414	1	PUMP, BOSCH UL2 DOSER
2	60412	1	VALVE, STAGE 5 CUMMINS - WATER
3	48984	1	PLATE, DEF DOSER MTG STAGE V
4	(CALL)	2	BOLT - M8-1.25 X 20MM
5	(CALL)	2	WASHER, FLAT - M8
6	10812	2	NUT, LOCK - .3125"
7	15559	2	WASHER, SAE FLAT - .3125"
8	(CALL)	2	BOLT - M5-0.8 X 20MM
9	(CALL)	2	WASHER, FLAT - M5

THIS PAGE LEFT BLANK FOR NOTES

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings on the page.

SECTION EE-2

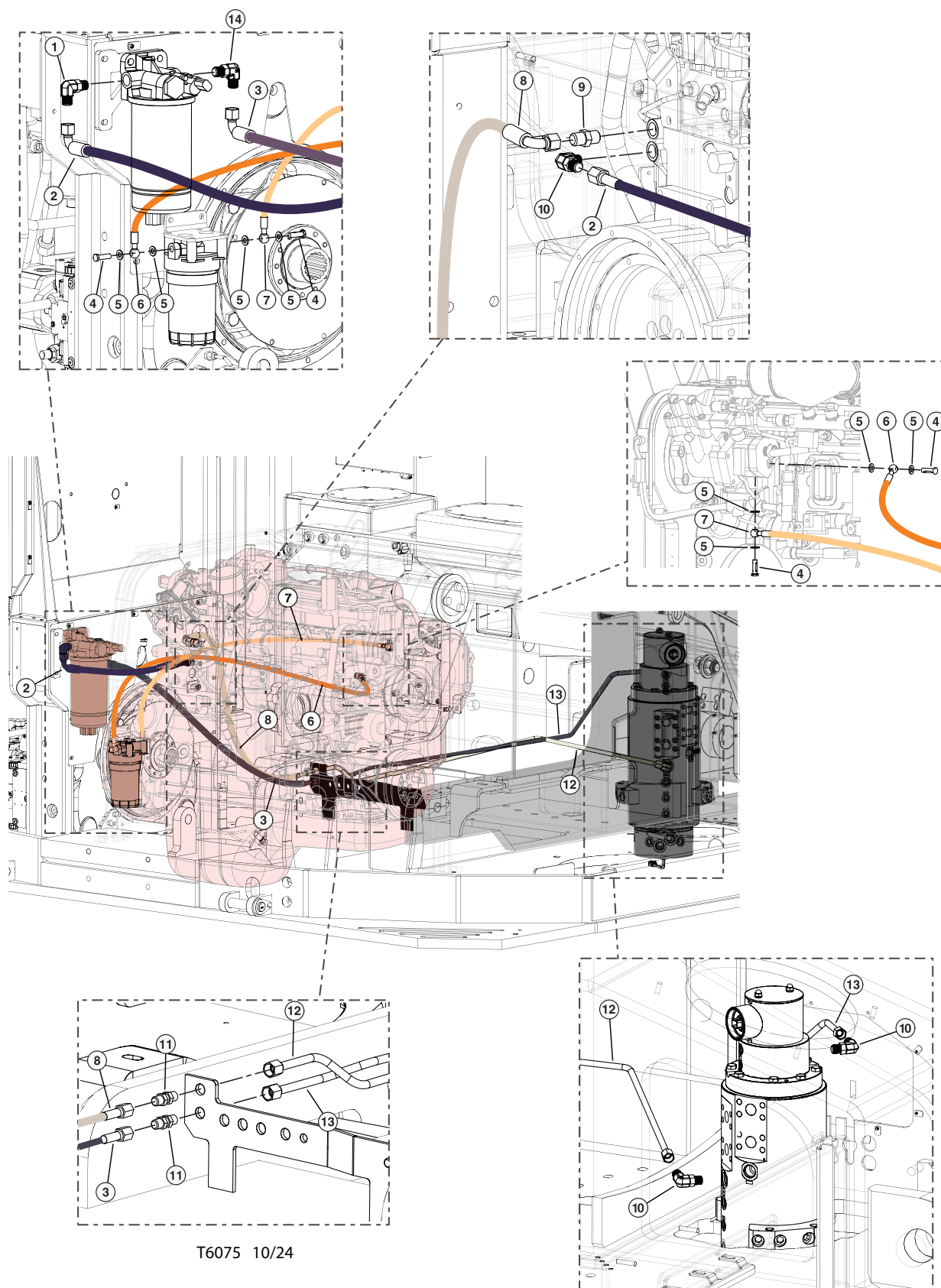
CUMMINS L9 STAGE V (390 HP) FUEL & DEF SYSTEM



CUMMINS L9 STAGE V ENGINE (390 HP)

ENGINE SYSTEM INSTALLATION & ASSEMBLY

CUMMINS L9 STAGE V FUEL LINES



ENGINE SYSTEM INSTALLATION & ASSEMBLY

CUMMINS L9 STAGE V FUEL LINES

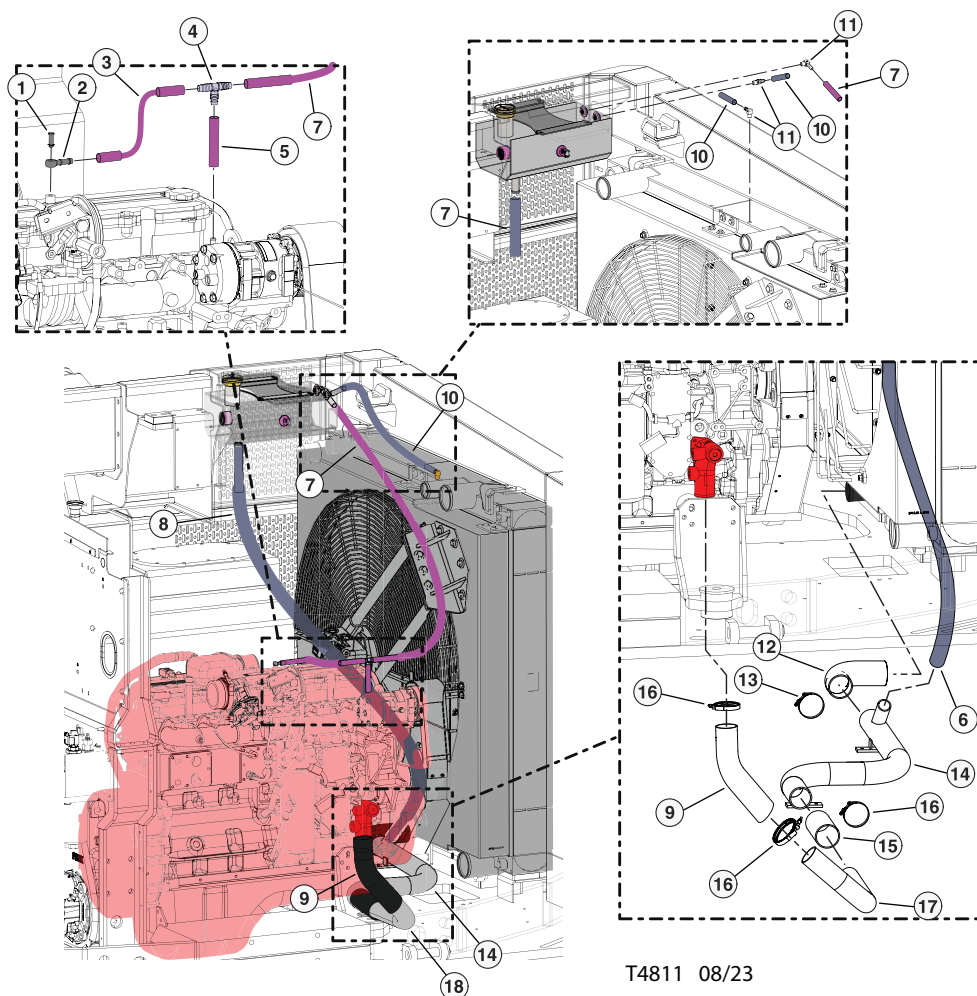
REF	PART #	QTY	DESCRIPTION
1	55347	1	FITTING, ELBOW - BULKHEAD 6 WETX-WLN-S
2	(See Description)	1	HOSE ASSEMBLY - 221FR25-06-06JS-06J9
3	(See Description)	1	HOSE ASSEMBLY - 221FR64-06-06JS-06J9
4	FASTENER	4	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)
5	WASHER	8	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)
6	HOSE	1	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)
7	HOSE	1	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)
8	(See Description)	1	HOSE ASSEMBLY - 221FR39-06-06JS-06J9
9	53103	3	FITTING, 6-8 - ORB-JIC
10	53103	1	FITTING, 6-8 - ORB-JIC 830-B
11	55385	2	FITTING, BULKHEAD - 8 WTX-WLN-S
12	57274	1	TUBELINE, RM FS TO FUEL SUPPLY BULKHEAD
13	57273	1	TUBELINE, RM FR TO FUEL RETURN BULKHEAD
1	53073	1	ELBOW, 90 6-JIC X 10-ORB

NOTE:

Parts listed are consistent for CUMMINS L9 - STAGE V (390 HP) engine ONLY.

ENGINE SYSTEM INSTALLATION & ASSEMBLY

CUMMINS L9 STAGE V ENGINE COOLANT LINES

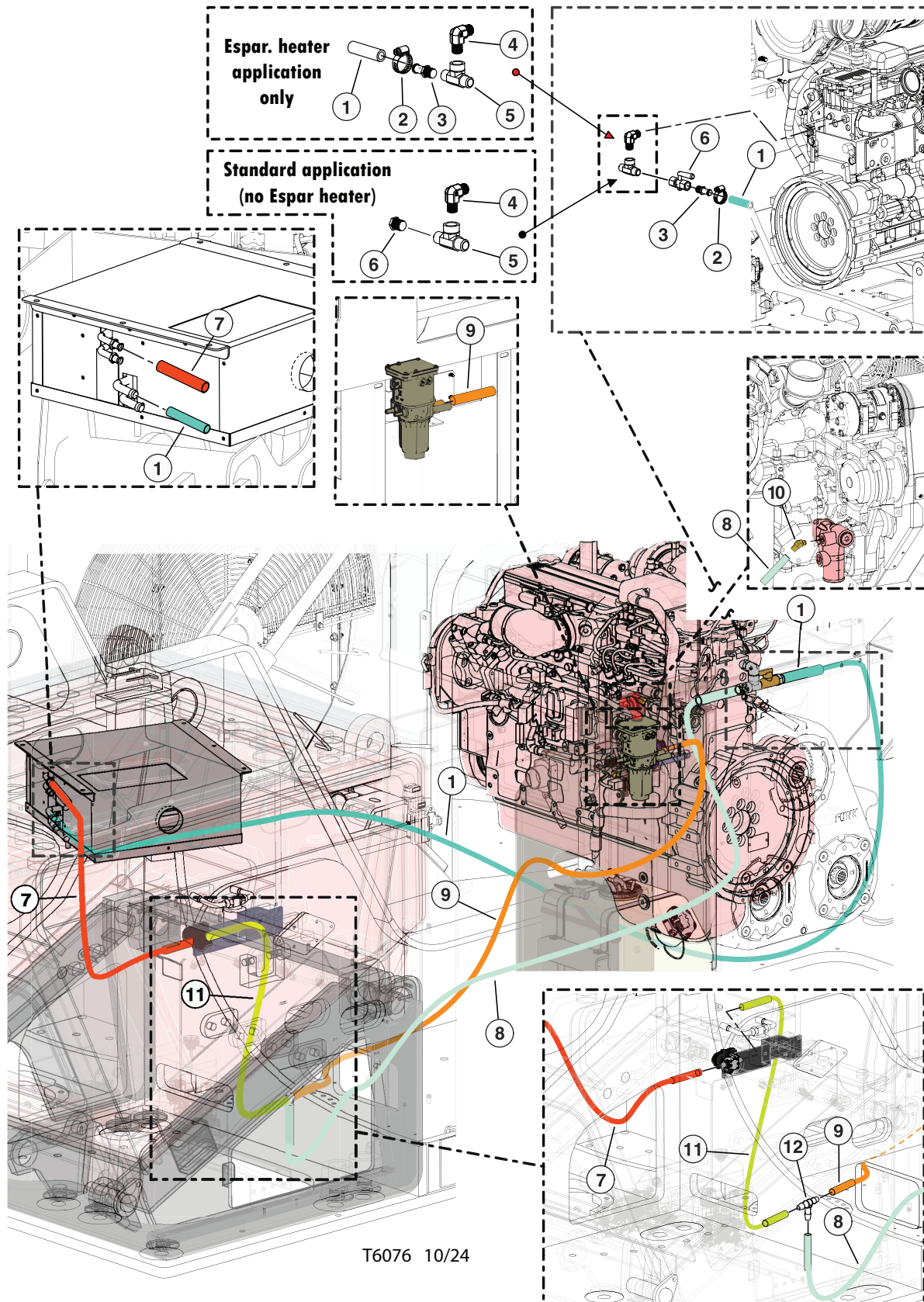


T4811 08/23

REF	PART #	QTY	DESCRIPTION
1	BOLT	1	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)
2	BANJO FITTING	1	(CONTACT YOUR CUMMINS DEALER FOR REPLACEMENT PART)
3	55411	1	HOSE, COOLENT - 3/8" LF - 50'-0" (Banjo Fitting to Tee)
4	57902	1	TEE, HOSE BARB - 3/8"
5	55411	1	HOSE, COOLENT - 3/8" LF - 50'-0" (Engine to Tee)
6	(See Description)	1	HOSE
7	55411	1	HOSE, COOLENT - 3/8" LF - 50'-0" (Tee to Burp Tank)
8	55626	1	HOSE, HEATER - BURP TANK
9	57992	1	HOSE, RADIATOR - D-SERIES)
10	55411	1	HOSE, COOLENT - 3/8" LF - 50'-0" (Radiator to Surge Tank)
11	52586	4	ELBOW, 90 MALE HOSE BARB 6-4
12	58149	2	HOSE, RAD 90 DEG D-MOD 2 1/2 ID
13	18103	2	CLAMP, CONSTANT TORQUE - #40
14	48582	1	TUBE, LOWER COOLANT LINE-TAIL SWING (2 pcs per assm.)
15	57992	1	HOSE, RADIATOR - D-SERIES
16	18104	2	CLAMP, CONSTANT TORQUE - #36
17	48582	1	TUBE, LOWER COOLANT

ENGINE SYSTEM INSTALLATION & ASSEMBLY

CUMMINS L9 STAGE V HEATER LINES



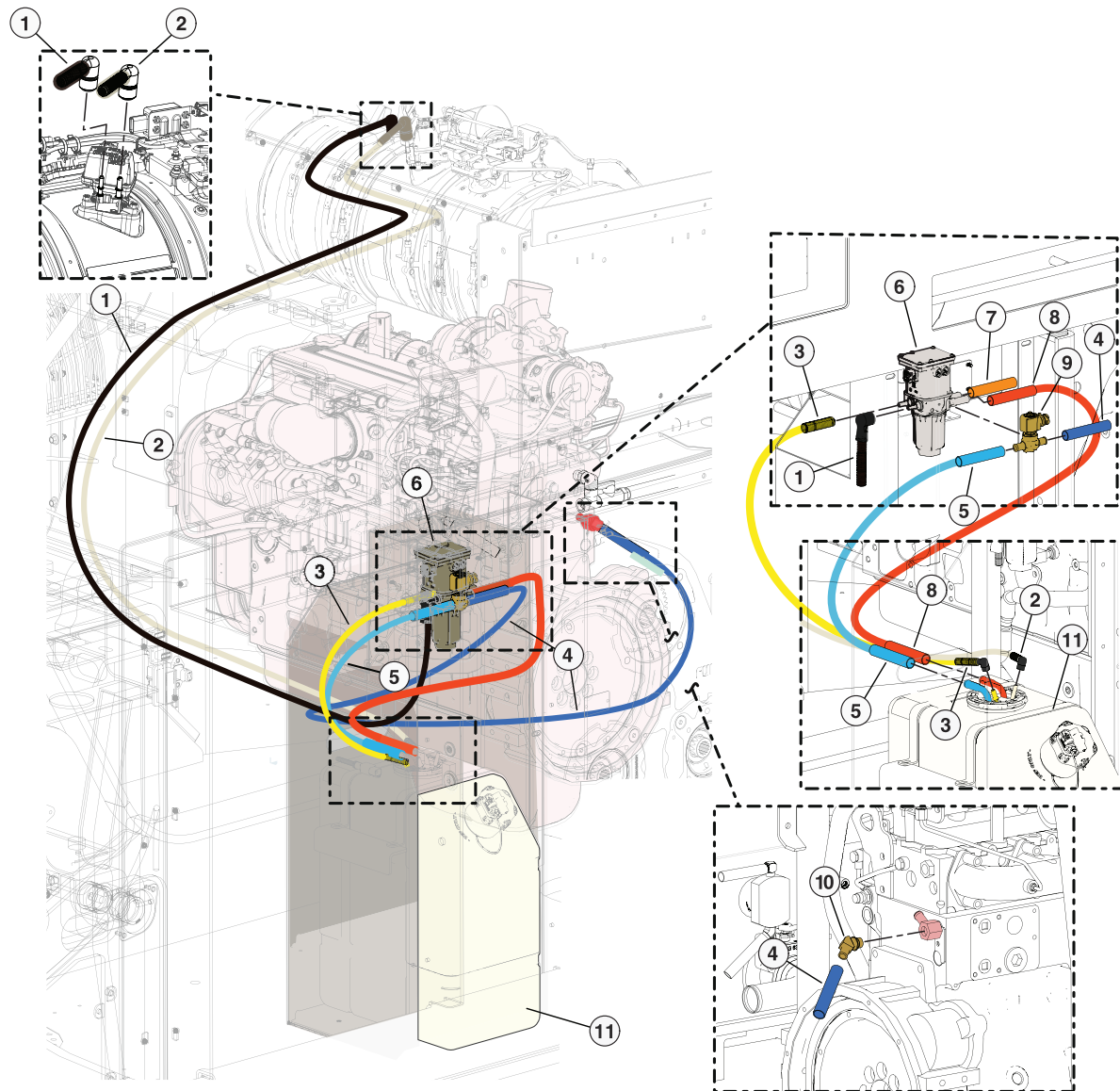
ENGINE SYSTEM INSTALLATION & ASSEMBLY

CUMMINS L9 STAGE V HEATER LINES

REF	PART #	QTY	DESCRIPTION
1	58024	1	HOSE, HEATER - 5/8" X 64" LF (Engine to AC Heater Unit)
2	16256	20	CLAMP, HOSE - WORM STYLE - 1"
3	51774	2	CONNECTOR, STR HOSE BARB - .5 X 5/8
4	52785	1	ELBOW, MALE PIPE - 3/4 X 1/2 CR-S
5	51879	1	TEE, RUN - .5" (1/2 MRO-S)
6	51714	1	VALVE, BALL - WATER SHUT OFF HEATER 1/2"
7	58024	1	HOSE, HEATER - 5/8" X 64" LF (AC Heater to Water Valve)
8	(CALL)	AR	5/8" Heater Hose (Engine to Espar Unit)
9	58024	1	HOSE, HEATER - 5/8" X 64" LF (Doser Pump to Tee at Riser)
10	57805	1	FITTING, 179HB-10-8
11	58024	1	HOSE, HEATER - 5/8" X 64" LF (Water Valve to Tee at Riser)
12	57903	1	TEE, HOSE BARB - 5/8" PIPE

ENGINE SYSTEM INSTALLATION & ASSEMBLY

CUMMINS L9 STAGE V DEF SYSTEM LINES

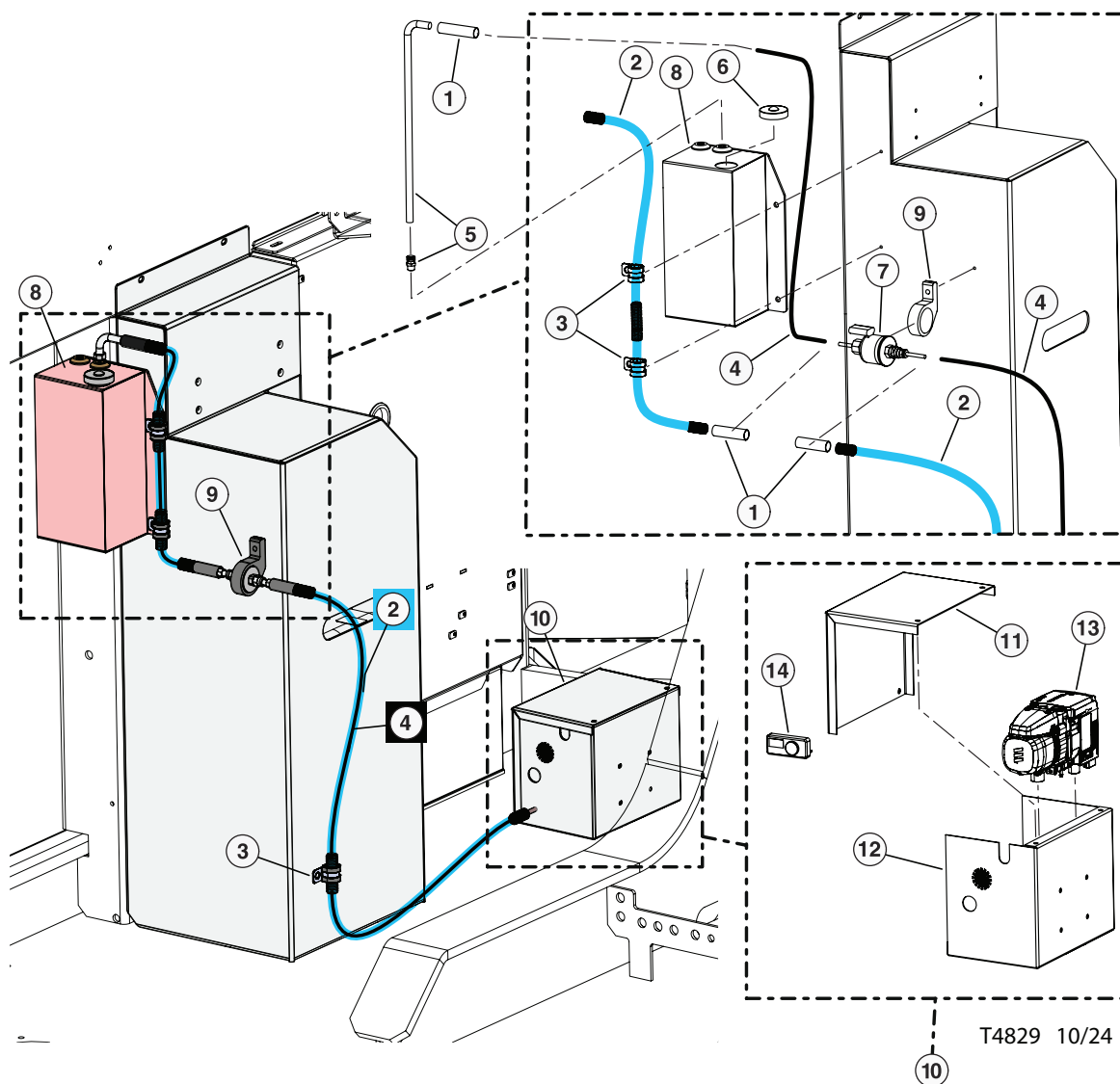


T4767 10/24

REF	PART #	QTY	DESCRIPTION
1	4387148	1	HOSE, DEF RETURN - (PRESSURE)
2	4388441	1	HOSE, DEF SUPPLY - (RETURN)
3	4377353	1	HOSE, EXHAUST LINE - SUCTION)
4	58024	1	HOSE, HEATER - 5/8" X 64" LF (DOSER PUMP TO ENGINE)
5	58024	1	HOSE, HEATER - 5/8" X 64" LF (COOLANT CONTROL VALVE TO DEF TANK)
6	60414	1	PUMP, DOSER
7	(CALL)		HOSE, HEATER
8	58024	1	HOSE, HEATER - 5/8" X 64" (DEF TANK TO DOSER PUMP)
9	60412	1	VALVE, COOLANT CONTROL
10	57805	1	FITTING, 179HB-10-8
11	(CALL)		TANK, DEF 15 GAL.
*	16256	20	CLAMP, HOSE - WORM STYLE - 1"

ENGINE SYSTEM INSTALLATION & ASSEMBLY

PRE-HEATER (ESPAR) FUEL LINES



T4829 10/24

10

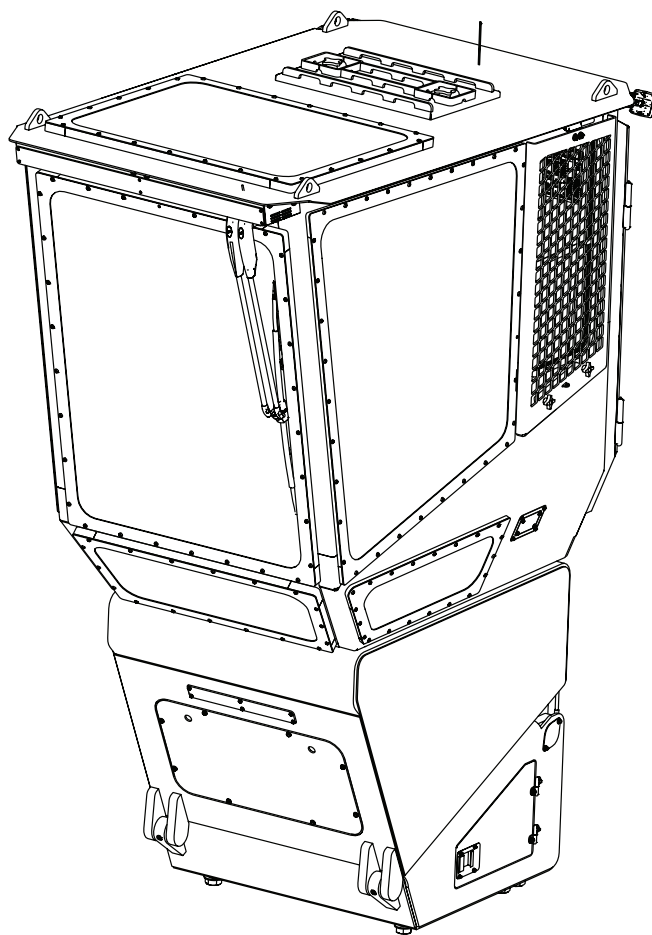
REF	PART #	QTY	DESCRIPTION
2	(CALL)	Lin.Ft	Wrap, Hose)
3	16203	3	CLAMP, HOSE - COATED STRAP - .375/.25SD
5	(CALL)	1	Fuel Sender
6	52965	1	CAP, WEBASTO/ESPAR FUEL TANK-REPAIR
8	46673	1	TANK, ESPAR FUEL - C/D SERIES
10	61249	1	PREHEATER, ESPAR KIT (Items below Included)
1	(CALL)	1	Hose, Rubber
4	(CALL)	1	Fuel Hose, Plastic
7	(CALL)	1	Fuel Pump, P53
9	(CALL)	1	Fuel Pump Mount, Rubber
11	60727	1	LID, ESPAR
12	60726	4	BOX, ESPAR MOUNT
13	(CALL)	1	Heater Motor
14	(CALL)	1	Eberspacher Heater Controller

THIS PAGE LEFT BLANK FOR NOTES

[illegible]

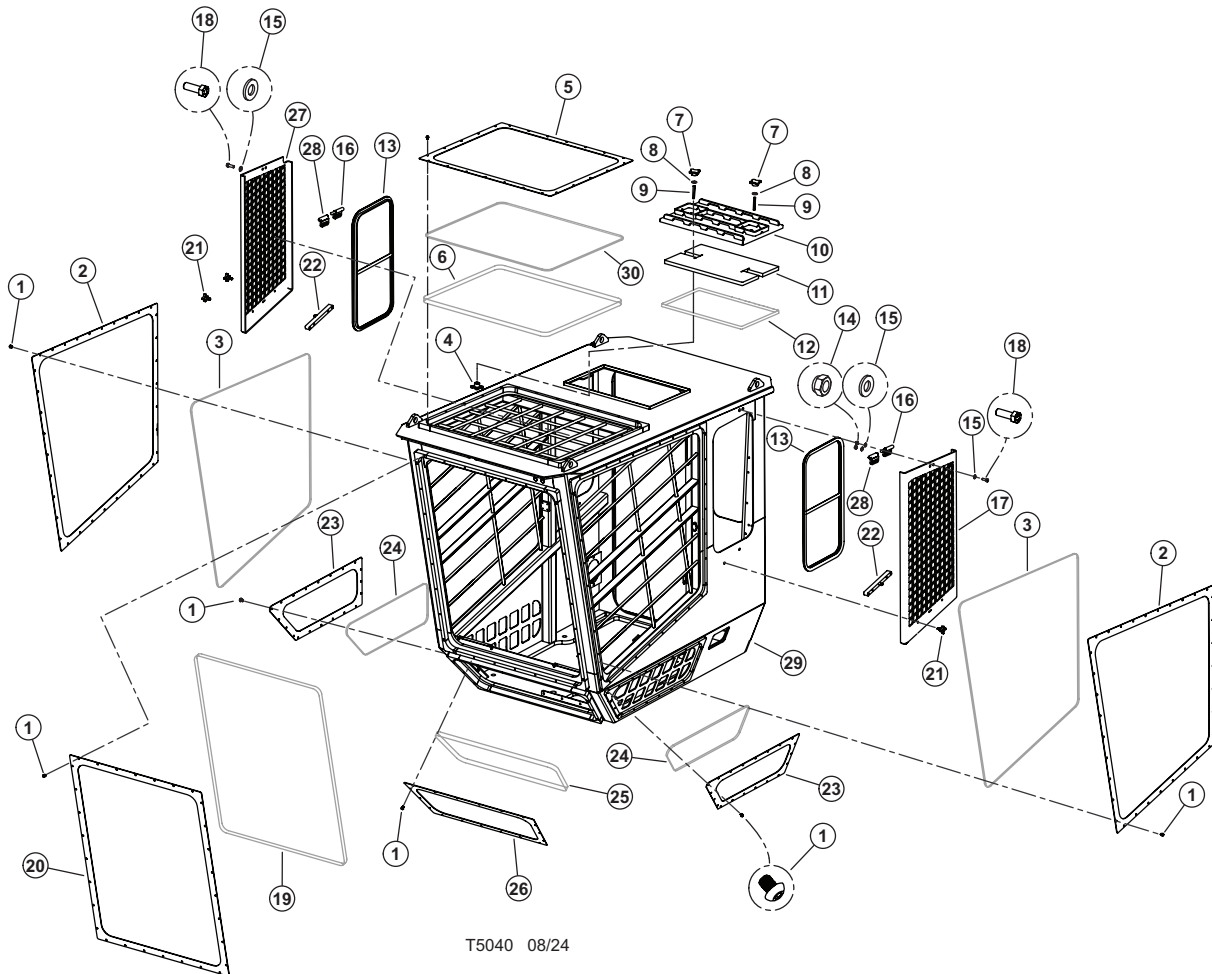
SECTION OC-1

OPERATOR CAB ASSEMBLY AND INSTALLATION



OPERATOR CAB

CAB WINDOW AND HATCH ACCESS PANEL ASSEMBLY AND INSTALLATION



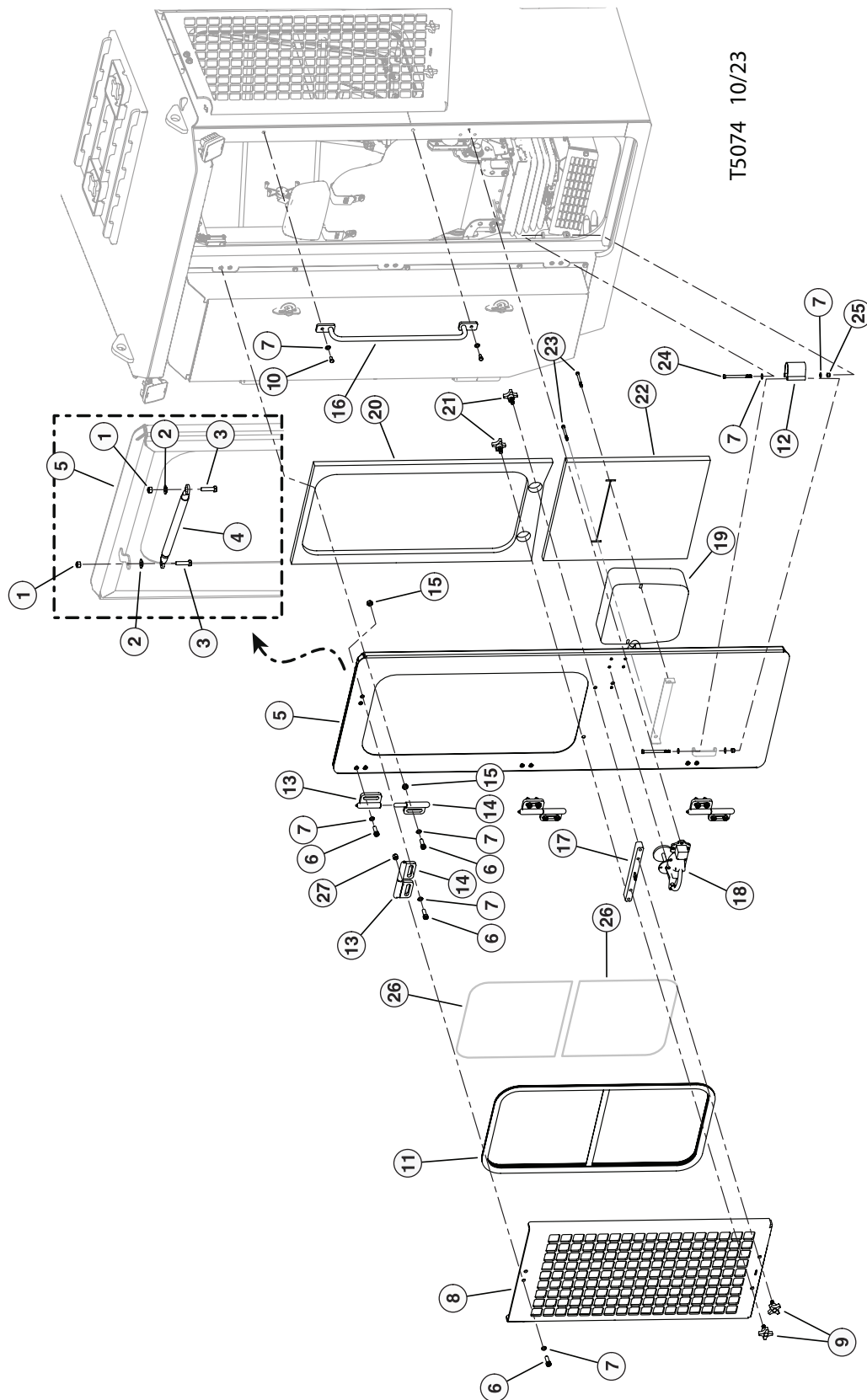
OPERATOR CAB

CAB WINDOW AND HATCH ACCESS PANEL ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	20084	180	BOLT - .375" X 1 3/4
2	63399	1	PLATE, WIN FRM - LOG LOADER
3	63561	2	LEXON, WINDOW TOP SIIDE - LOG LOADER
4	49511	2	KNOB. STAR
5	63433	1	PLATE, WIN FRM, ROOF - LOG LOADER
6	63565	1	LEXON, WINDOW SKYLIGHT - LOG LOADER
7	49514	2	KNOB, STAR D CAB
8	52066	2	O-RING, STAR KNOB - 1.25 ID X .139 -218
9	49516	2	STUD, 2 WAY - D CAB
10	49190	1	HATCH, ESCAPE TOP CAB - D SERIES
11	49520	1	INSULATION KIT, LOG LOADER (Insulation Kit #63600)
12	24925	1	CHANNEL, EDGE PROTECTOR - 3/16"BULB(STR)
13	63383	2	WINDOW, SLIDING GLASS - LOG LOADER
14	15533	4	NUT. NYLOCK - .5"
15	15534	4	WASHER, SAE FLAT - .5"
16	63510	2	WELDMENT, MALE HINGE -LL
17	63358	1	PLATE, WIN GRD LH
18	10739	4	BOLT - .5" X 1.5"
19	63564	1	LEXON, WINDOW FRONT - LOG LOADER
20	63395	1	PLATE, WIN FRAME - LOG LOADER
21	58604	8	KNOB, WINDOW - LOG LOADER CAB
22	63410	2	WELDMENT, WINDOW LOCK - LOG LOADER
23	63391	2	PLATE, WIN FRM, SIDE BOT - LOG LOADER
24	63562	2	LEXON, WINDOW BOT SIDE - LOG LOADER
25	63563	1	LEXON, WINDOW BOT FRONT - LOG LOADER
26	63434	1	PLATE, WIN FRM, FRT BOT - LOG LOADER
27	63379	1	PLATE, WIN GRD RH - LOG LOADER
28	63420	2	WELDMENT, FEMALE HINGE - LL
29	63330	1	WELDMENT, CAB LOG LOADER
30	61616	1	WINDOW, SKYLIGHT - SACRIFICIAL
31	61636	1	PLATE, SKYLIGHT SPACER
32	61635	1	PLATE, SKYLIGHT SPACER

OPERATOR CAB

REAR ENTRY DOOR ASSEMBLY AND INSTALLATION



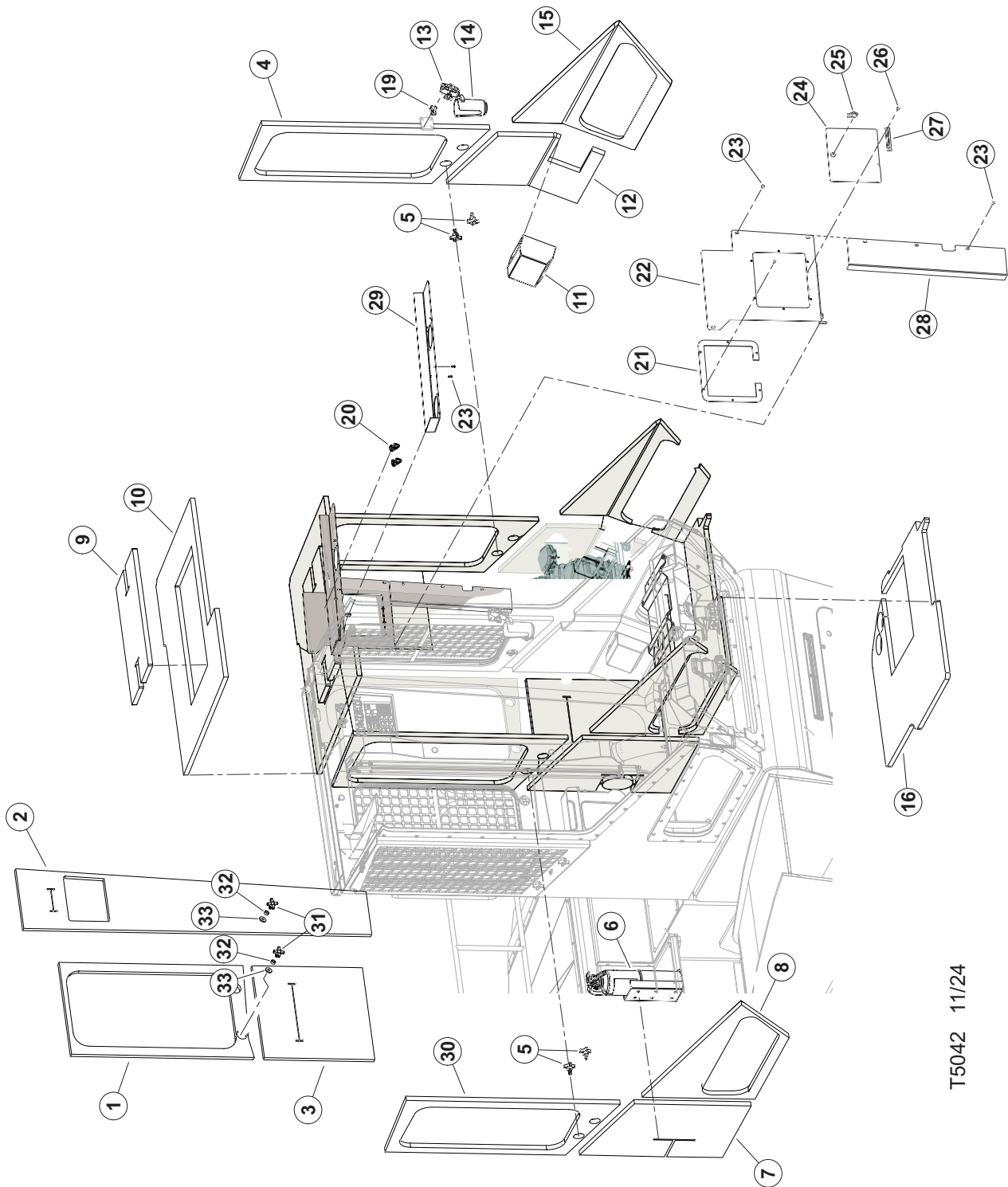
OPERATOR CAB

REAR ENTRY DOOR ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	10788	2	NUT, NYLOCK - .3125"
2	(CALL)	2	Shifter Bushing Cone
3	10822	2	BOLT - .3125" X 1.25"
4	55121	2	SHOCK, GAS - CAB DOOR
5	63400	1	WELDMENT, DOOR - CAB LOG LOADER
6	10739	20	BOLT - .5" X 1.5"
7	15534	22	WASHER, SAE FLAT - .5"
8	63389	1	PLATE, FRAME DOOR WINDOW - LOG LOADER
9	58604	4	KNOB, WINDOW - LOG LOADER CAB
10	10402	2	BOLT - .375" X 1.25"
11	63383	1	WINDOW, SLIDING GLASS - LOG LOADER
12	57855	1	STRAP, DOOR - D-SERIES CAB
13	63510	3	WELDMENT, MALE HINGE -LL
14	63420	3	WELDMENT, FEMALE HINGE - LL
15	16436	4	1/2" WELD NUT
16	666170	1	WELDMENT, GRAB HANDLE - LOG LOADER
17	63410	1	WELDMENT, WINDOW LOCK - LOG LOADER
18	58605	1	LATCH, CAB DOOR - LOG LOADER
19	63595	1	HOLDER, BINDER
20	63620	1	INSULATION, CAB DOOR UPPER
21	58604	4	KNOB, WINDOW - LOG LOADER CAB
22	63601	1	INSULATION, CAB DOOR LOWER
23	10825	2	BOLT - .3125" X 3.00"
24	10753	2	BOLT - .375" X 4.5"
27	15533	4	NUT, NYLOCK - .5"
25	15507	2	NUT, NYLOCK - .375"

OPERATOR CAB

CAB INSULATION, FLOOR MAT AND ATTRIBUTING COMONENTS INSTALLATION



T5042 11/24

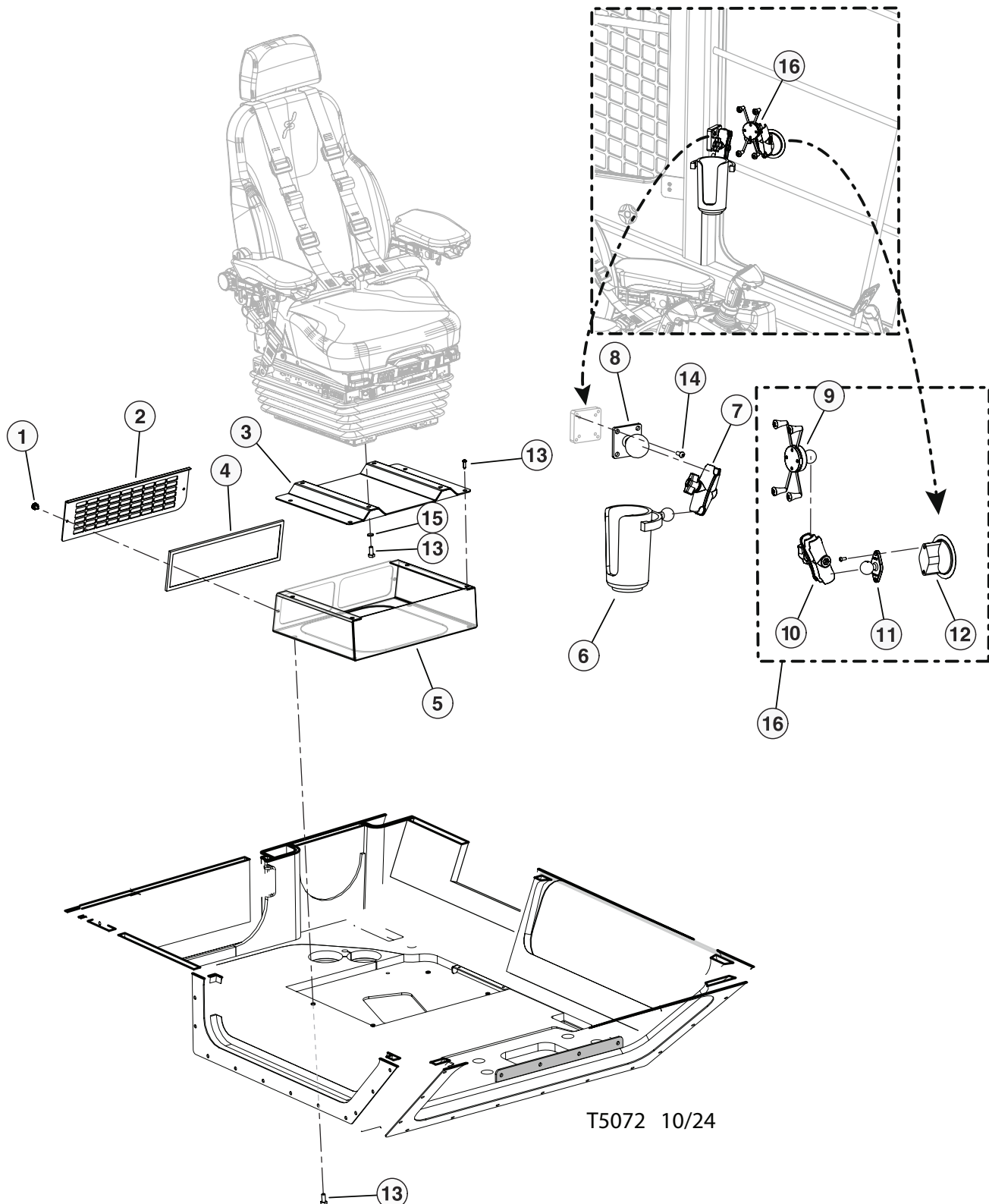
OPERATOR CAB

CAB INSULATION, FLOOR MAT AND ATTRIBUTING COMONENTS INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	63620	1	CAB ENTRY DOOR INSULATION, UPPER
2	63604	1	CAB INSULATION, REAR
3	63601	1	CAB ENTRY DOOR INSULATION, LOWER
4	63599	1	FOAM, CAB INSULATION, LH SIDE UPPER
5	58604	4	KNOB, WINDOW - LOG LOADER CAB
6	16222	1	FIRE EXTINGUISHER W/BACKET - 10 LBS
7	63596	1	FOAM, CAB INSULATION, L-SIDE LOWER REAR
8	63597	1	FOAM, CAB INSULATION, L-SIDE LOWER FORWARD
9	49520	1	FOAM, ACOUSTIC ESCAPE HATCH - D CAB
10	63605	1	FOAM, CAB INSULATION, ROOF
11	664520	1	PLATE, LIGHT COVER - LOG LOADER
12	63602	1	FOAM, CAB INSULATION, R-SIDE LOWER REAR
13	63568	1	ARM, RAM MOUNT - RAM-B-201U
14	63557	1	HOLDER, CUP BALL MOUNT, RAM-B-132BU
15	63603	1	FOAM, CAB INSULATION, R-SIDE LOWER FORWARD
16	63407	1	PLATE, SPEAKER MTG
17	63594	1	FOAM, CAB INSULATION, R-SIDE LOWER FORWARD
18	(CALL)	4	FASTENER
19	63567	1	BALL, RAM MOUNT - RAM-B-202U-12
20	63598	1	FOAM, CAB INSULATION, RH SIDE UPPER
21	63669	1	PLATE, WIRE HIDE
22	59003	2	HOOK, COAT - LOG LOADER
23	15604	4	BOLT - .25" X .75"
24	63668	1	PLATE, WIRE HIDE
25	(CALL)	11	FASTENER
26	63661	1	PLATE, ACCESS
27	63664	1	LATCH, WING HANDLE
28	63663	1	HINGE, ACCESS PLATE
29	63407	1	PLATE, SPEAKER MTG
30	63598	1	INSULATION, RH TOP, RR
31	665550	2	STAR KNOB, FOUR ARM, 1/2-13 X 1.56
32	19219	2	SPACER, 1/2X1.75 LG
33	665560	2	WASHER, WEATHER RESISTANT EPDM RUBBER SEALING

OPERATOR CAB

OPERATOR SEAT, FOOT PEDALS & MISC. COMPONENT INSTALLATION



T5072 10/24

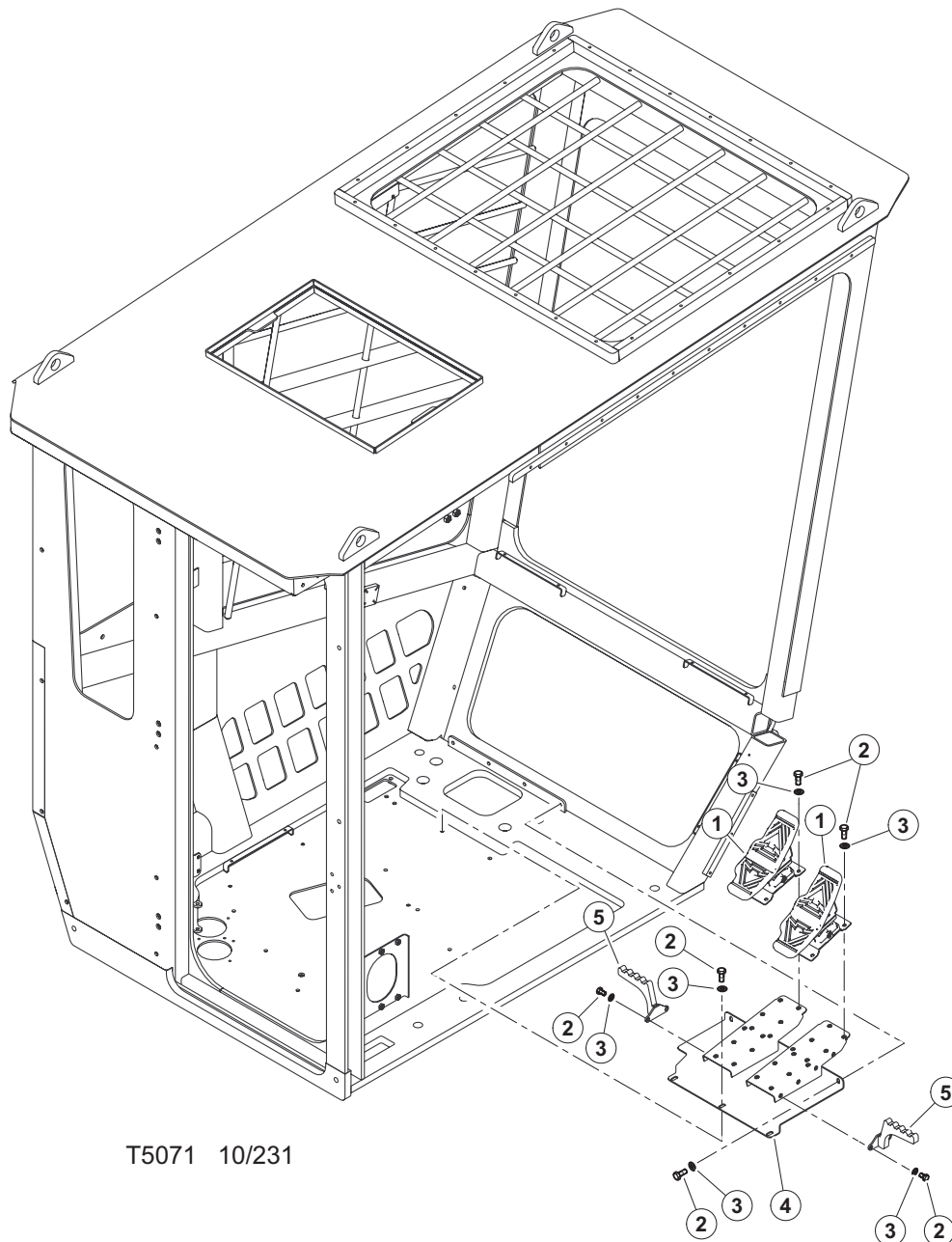
OPERATOR CAB

OPERATOR SEAT, FOOT PEDALS & MISC. COMPONENT INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	15604	2	BOLT (BUTTON HEAD) - .25" X .75"
2	63527	1	PLATE, FILTER GUARD - LOG LOADER
3	63545	1	WELDMENT, SEAT MOUNT - LOG LOADER
4	63621	1	FILTER
5	63520	1	WELDMENT, SEAT BASE - LOG LOADER
6	63557	1	HOLDER, CUP BALL MOUNT
7	63568	1	ARM, RAM MOUNT
8	55452	1	MOUNT, RAM - BASE - D SERIES
9	(CALL)	1	Cel Phone Mount
10	63568	1	ARM, RAM MOUNT
11	63567	1	Cel Phone Ball Mt, "B" size RAM, 1.5
12	(CALL)	1	Cel Phone Ball Mount
13	15542	4	BOLT - .375" X .75"
14	15604	4	BOLT (BUTTON HEAD) - .25" X .75"
15	15528	4	WASHER - SAE FLAT - .375"
16	57551	1	MOUNT, CELL PHONE - UNIVERSAL

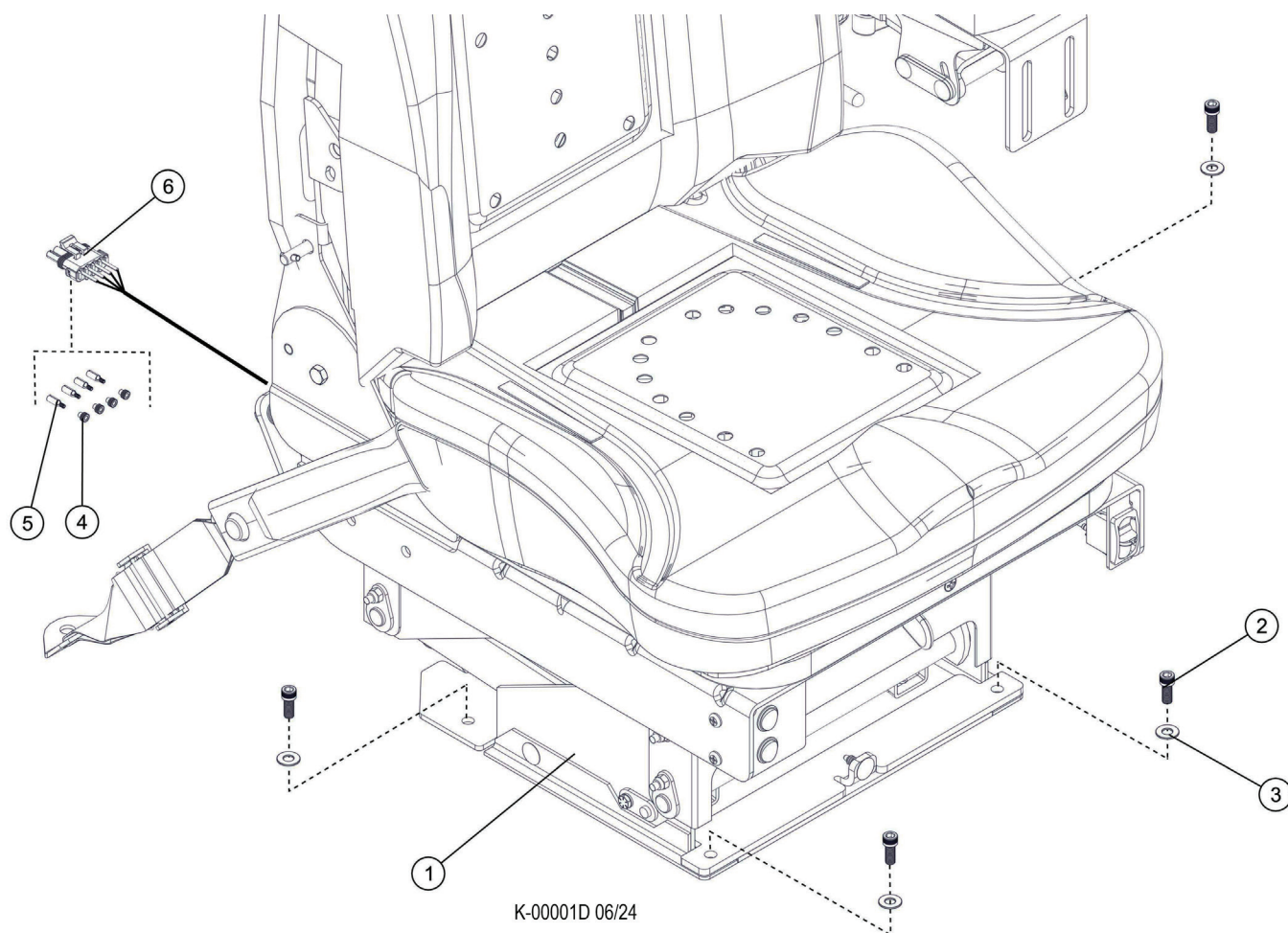
OPERATOR CAB

FOOT PEDAL INSTALLATION



T5071 10/231

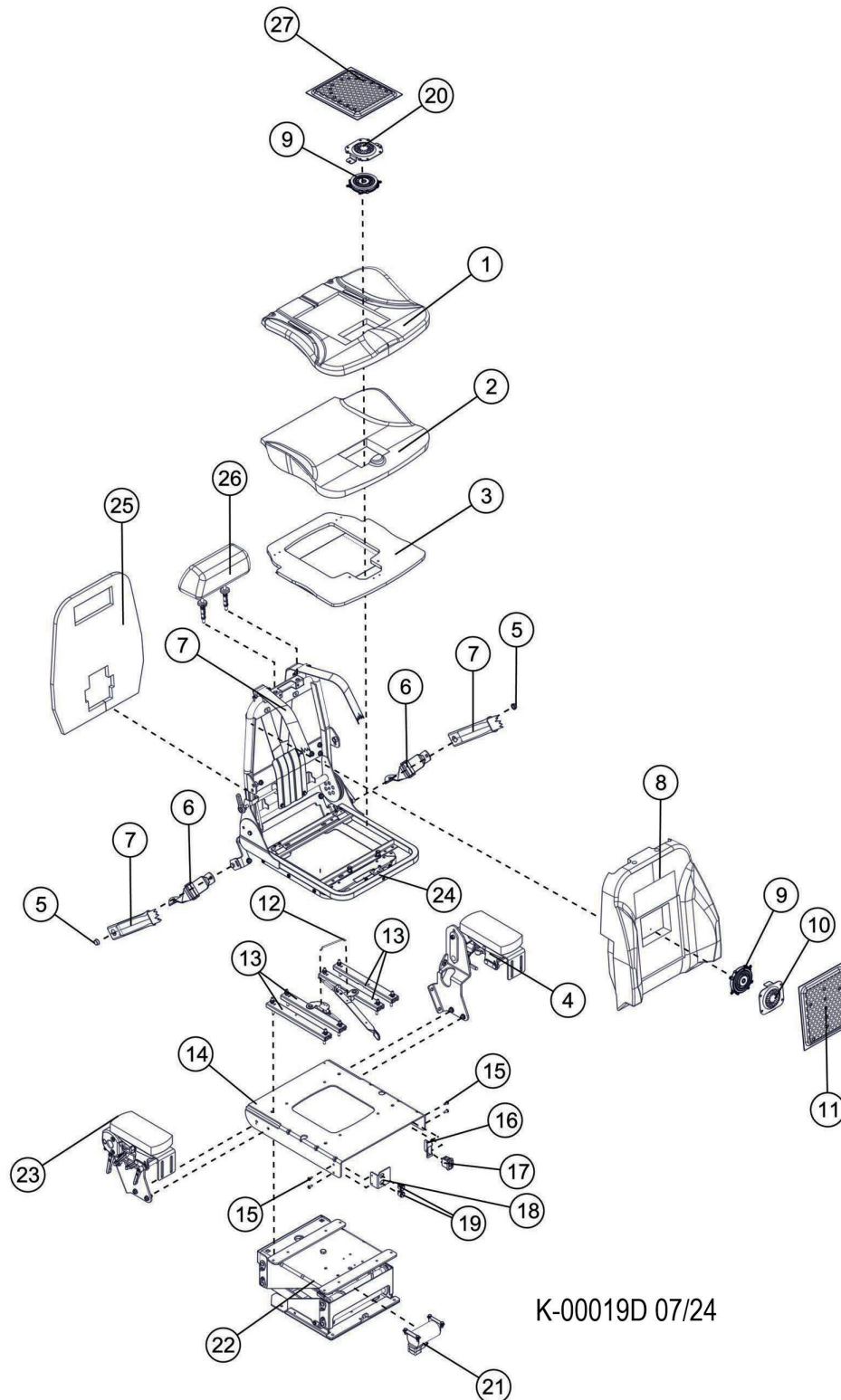
REF	PART #	QTY	DESCRIPTION
1	57801	2	FOOT PEDAL "D" SERIES TRACK MACHINE
2	15542	15	BOLT - .375" X .75"
3	10802	15	WASHER, FLAT - .375"
4	63320	1	WELD, FOOT PEDAL MT
5	63210	2	WELD, FOOT PEG

K0110 - 2226400 - CABIN SEAT, SEATS INC

Item	Part #	Description	Qty.
1	57723	SEAT ASSY - SEAT INC. (HEAT/VENT)	1
2	58383	BOLT - .5/16-18 X 3/4' SOCKET HEAD	4
3	15559	WASHER, SAE FLAT - .3125"	4
4	22225	SEAL, WIRE END (WEATHER PACK)	4
5	23135	TERMINAL, FEMALE (WEATHER PACK)	1
6	23131	PLUG, FEMALE - 4 CONTACT (WEATHER PACK)	

OPERATOR CAB

CABIN SEAT - SEATS INC.



K-00019D 07/24

OPERATOR CAB

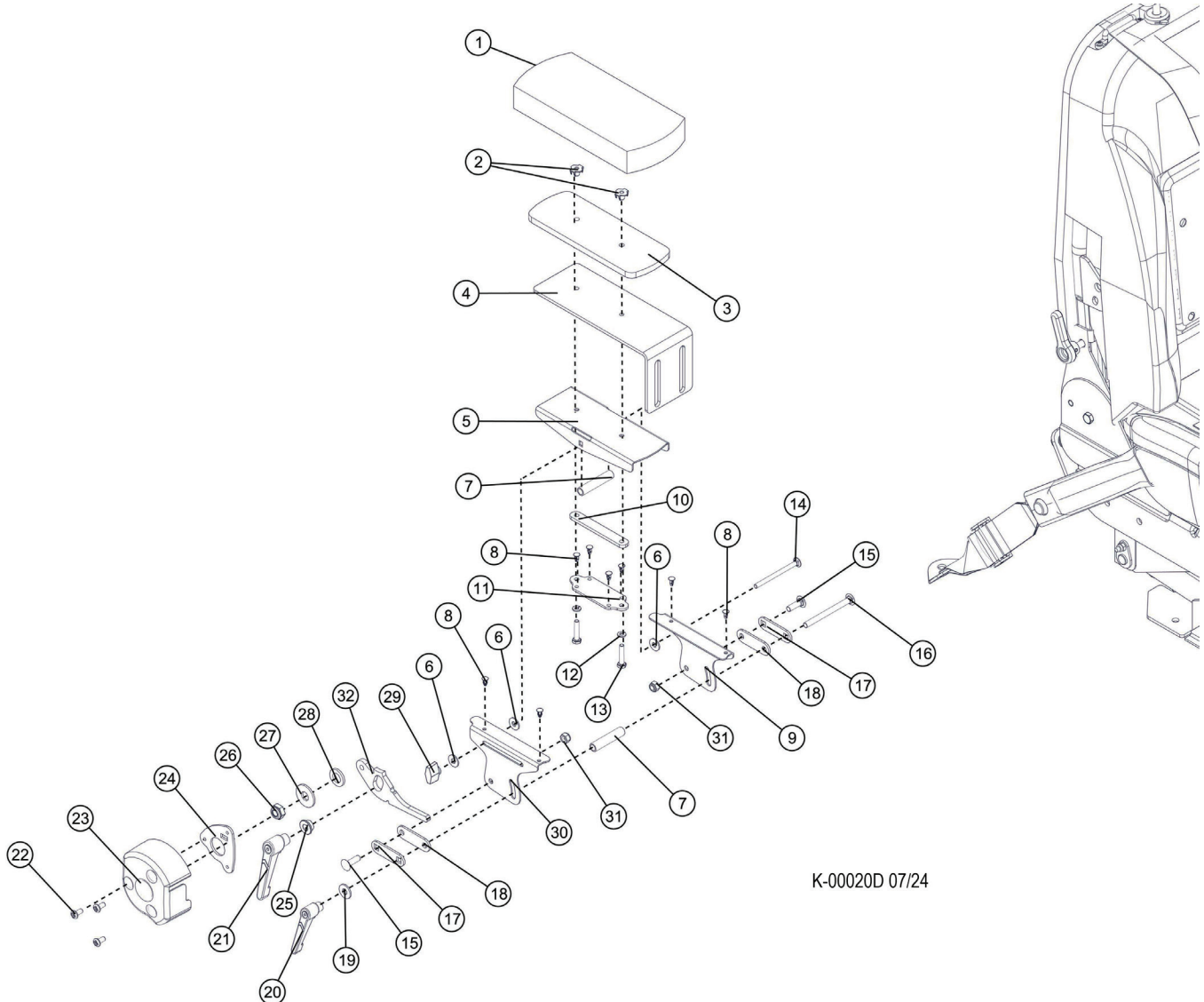
CABIN SEAT - SEATS INC.

Item	Part #	Description	Qty.
	57723	SEAT ASSY - SEAT INC. (HEAT/VENT)	1
1	517866-00	CUSHION, SEAT	1
2	517865-00	BASE, SEAT	1
3	517867-00	SEAT BOTTOM	1
4	188381JN348	ARMEST, LH	1
5	708696-00	SEATBELT PLUG	2
6	704876-00	SEATBELT TETHER ASSEMBLY	2
7	782938-00	SEATBELT	1
8	518065	BACKREST	1
9	703836-02	HEATER	2
10	516431-02	SEAT BASE COVER, FAN	1
11	312771283283-00	BACKREST HEATER FILTER	1
12	506856-02	ADJUSTMENT PIN	1
13	53296	ADJUSTMENT BRACKET ASSEMBLY	1
14	314422-00	LOWER FRAME ASSEMBLY	1
15	708490	FASTENER	4
16	512784	BRACKET	4
17	708884	SEAT ADJUSTMENT SWITCH	1
18	518050-00	BRACKET	1
19	782434	SWITCH	2
20	517637-00	BACKREST COVER, FAN	1
21	109879PS	COMPRESSOR PUMP	1
22	314434	SEAT FRAME BASE ADJUSTMENT ASSEMBLY ARMEST, RH	1
23	188382JN348	ARMEST, RH	1
24	314433-00	SEAT FRAME	1
25	703661-01	BACKREST PANEL	1
26	55994	HEADREST	1
27	55998	SEAT BASE HEATER FILTER	1
*	55995	AIR SPRING ASSEMBLY KIT	1
*	55997	SHOCK ASORBER HEAVY DUTY	1

***MEANS NOT SHOWN**

OPERATOR CAB

CABIN SEAT - SEATS INC.



K-00020D 07/24

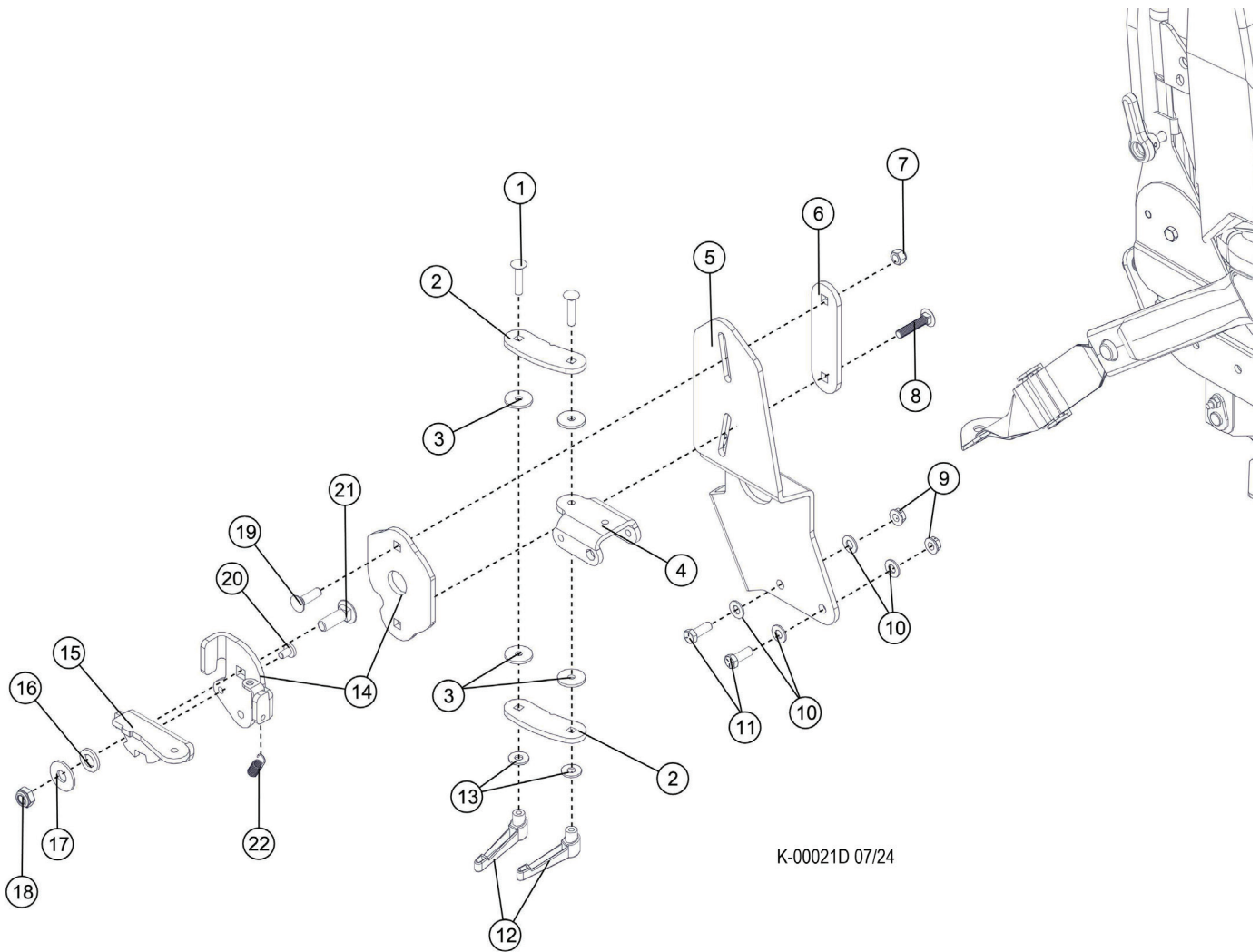
OPERATOR CAB

CABIN SEAT - SEATS INC.

Item	Part #	Description	Qty.
	188382JN348	ARM REST, SITTAB ARMFLEX - RH	1
	188381JN348	ARM REST, SITTAB ARMFLEX - LH	1
1	703848-01	PAD	1
2	707029	NUT	2
3	516610-01	PLATE	1
4	518072-00	COVER	1
5	518071-00	PLATE	1
6	782549	WASHER	2
7	516609	SPACER	2
8	782506-00	PLASTIC INSERT	8
9	516607	BRACKET	1
10	516611-00	PLATE	2
11	516612-00	STOP	1
12	707085	BUSHING	1
13	719644	BOLT	1
14	782503	FASTENER	1
15	719744	MOUNT FASTENER	2
16	782501-00	FASTENER	1
17	516605-01	PLATE	2
18	782531	SPACER	2
19	782013	BUSHING	1
20	782504-00	HANDLE	1
21	708801	HANDLE	1
22	782552	BOLT	1
23	782509-04	COVER	1
24	314429-00	SPACER	1
25	511880PL-02	BUSHING	1
26	707116	NUT	1
27	782042	WASHER	1
28	707871	WASHER	1
29	782505	KNOB	1
30	516606	BRACKET	1
31	707314	NUT	2
32	517183-02	ADJUSTMENT LEVER	1

OPERATOR CAB

CABIN SEAT - SEATS INC.



K-00021D 07/24

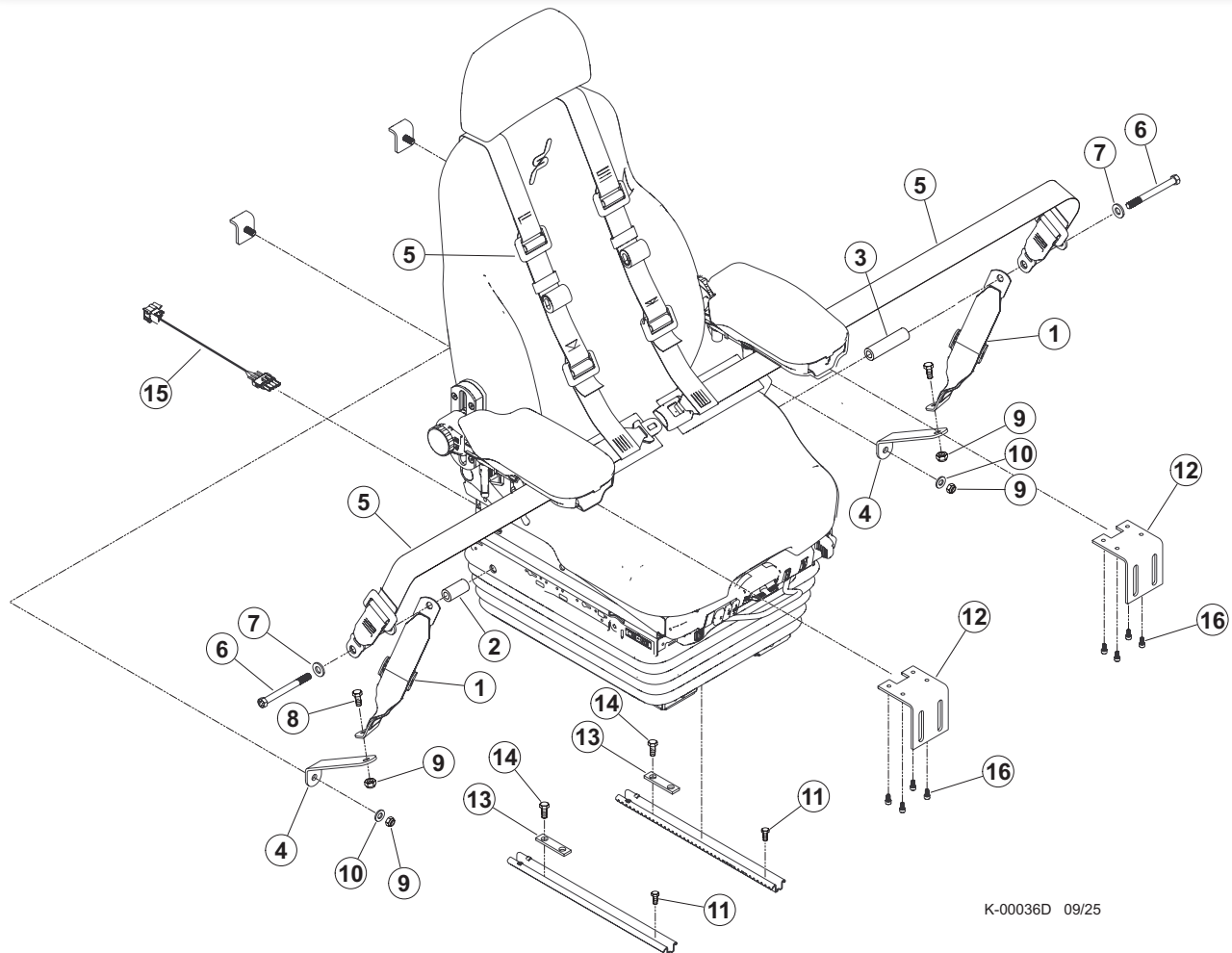
OPERATOR CAB

CABIN SEAT - SEATS INC.

Item	Part #	Description	Qty.
	188382JN348	ARM REST, SITTAB ARMFLEX - RH	1
	188381JN348	ARM REST, SITTAB ARMFLEX - LH	1
1	719750	FASTENER	2
2	518075	BRACKET	2
3	782530-00	BUSHING	4
4	516603-03	BRACKET	1
5	518081-00	BRACKET	1
6	516599-00	BRACKET	2
7	707251-2	NUT	1
8	708856-00	BOLT	1
9	707565	NUT	2
10	782550	WASHER	4
11	707195	BOLT	2
12	782504	HANDLE	2
13	782013	WASHER	2
14	314428-00	BRACKET	1
15	314429-00	BRACKET	1
16	707871	WASHER	1
17	782042	WASHER	1
18	707116	NUT	1
19	782551	BOLT	1
20	517182	BOLT	1
21	782502-00	BOLT	1
22	708830AA	SPRING	1

OPERATOR CAB

CABIN SEAT - BE-GE



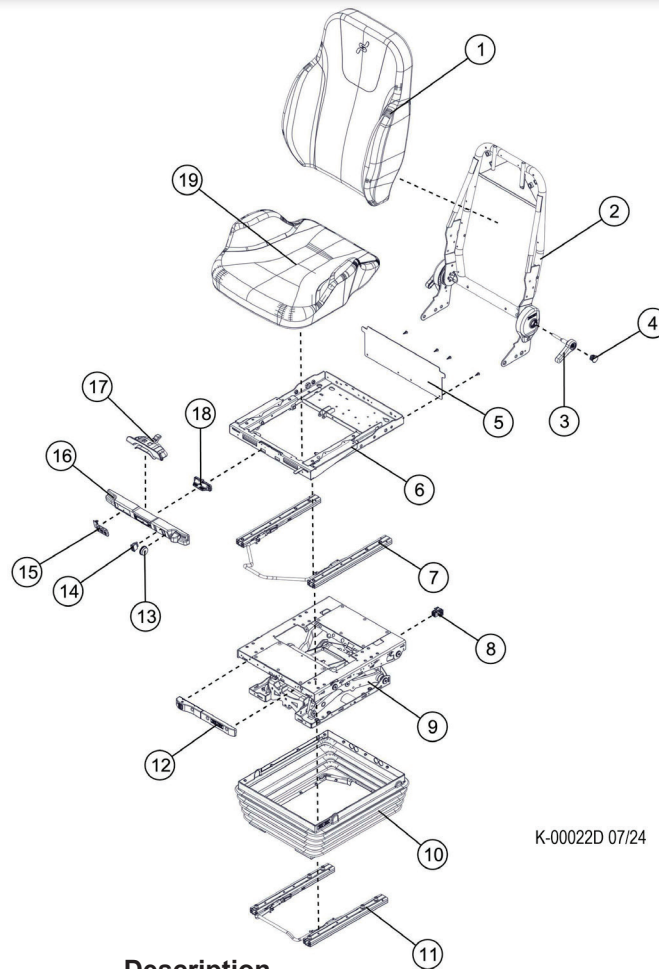
K-00036D 09/25

Item	Part #	Description	Qty.
	57840	SEAT ASSEMBLY (BE-GE W/ HEAT/VENT/3 PT)	1
1	53948	TETHER, SEAT HOLD DOWN (PAIR)	1
2	-	SPACER - SHORT	1
3	-	SPACER - LONG	1
4	60566	EXTENSION, SEAT TETHER	2
5	610623	SEAT BELT ASSEMBLY	1
6	58385	BOLT - 7/16-20 X 4.5" HEX HEAD	2
7	10803	WASHER, FLAT - .4375"	2
8	10783	BOLT - .5" X 1"	2
9	10815	NUT, LOCK - .5"	4
10	15534	WASHER, SAE FLAT - .5"	2
11	53906	BOLT, ALLEN HEAD - .3125" X .5"	2
12	46845	BRACKET, JOYSTICK POD MOUNT - KAB	2
13	690700	WASHER, SEAT	2
14	58383	BOLT - .5/16-18 X 3/4" SOCKET HEAD	2
15	57935	HARNESS, BE-GE SEAT ADAPTER	1
16	16134	BOLT, ALLEN HEAD - 6MM X 12MM	8

2205190

OPERATOR CAB

CABIN SEAT - BE-GE



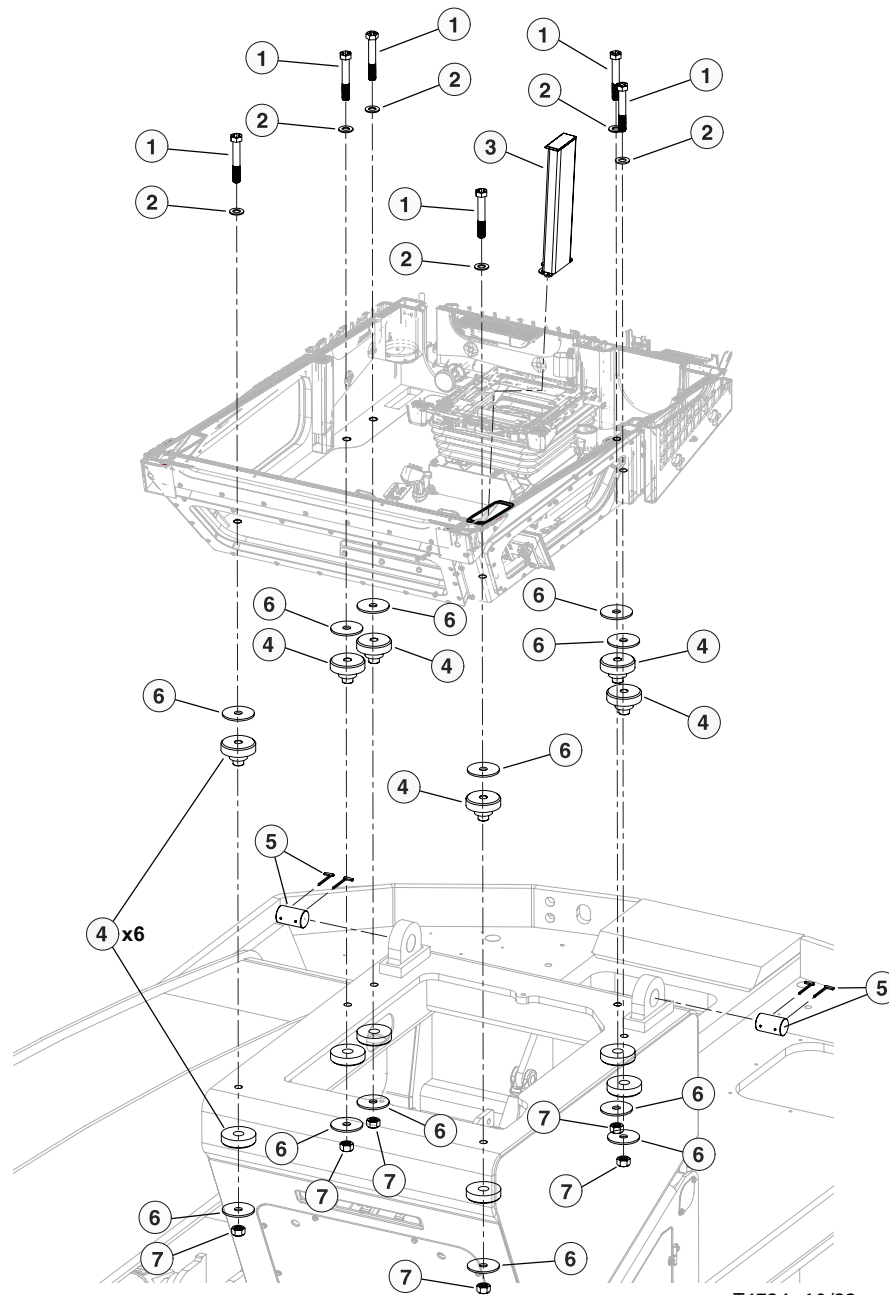
K-00022D 07/24

Item	Part #	Description	Qty.
	57840	SEAT ASSEMBLY, SEATS INC. HEAT / AIR RIDE	1
1	632104P	SEAT BACK CUSION	1
2	632007P	UPPER FRAME ASSEMBLY	1
3	628833	SEAT BACK ADJUSTMENT LEVER	1
4	628834	LEVER CAP	2
5	632080P	FRAME BASE BACKER (WITH 4 SCREWS)	1
-	632079	FRAME BASE BACKER (ONLY)	1
6	632004P	LOWER FRAME ASSEMBLY	1
7	632082P	SEAT LATERAL ADJUSTMENT LEVER ASSM.	1
8	632198P	SEAT CONTROLS CIRCUIT BREAKER	1
9	632220P	FRAME BASE VERTICAL ADJUSTMENT LEVER ASSM.	1
10	632179P	COVER, AIR RIDE	1
11	632248P	LEVER, OVERALL SEAT/LOWER ASSEMBLY LATERAL ADJUSTMENT	1
12	632292P	COVER, SHOCK OBSORBER	1
13	631931	SWITCH, AIR VENT	1
14	660590	SWITCH, HEAT TEMP. CONTROL	1
15	632017P	SWITCH, LUMBAR/AIR SIDE-SHOULDER CONTROLS	1
16	632005P	COVER, SEAT CONTROLS UPPER	1
17	631305P	SEAT BASE LATERAL ADJUSTMENT	1
18	631999	SEAT HEIGHT ADJUSTMENT	1
19	632100P	SEAT BASE CUSHION	1
*	55996	AIR SPRING	1
*	56019	GAS SPRING	1
	56020	COMPRESSOR, SEAT	1

*MEANS NOT SHOWN

OPERATOR CAB

CAB TO RISER INSTALLATION

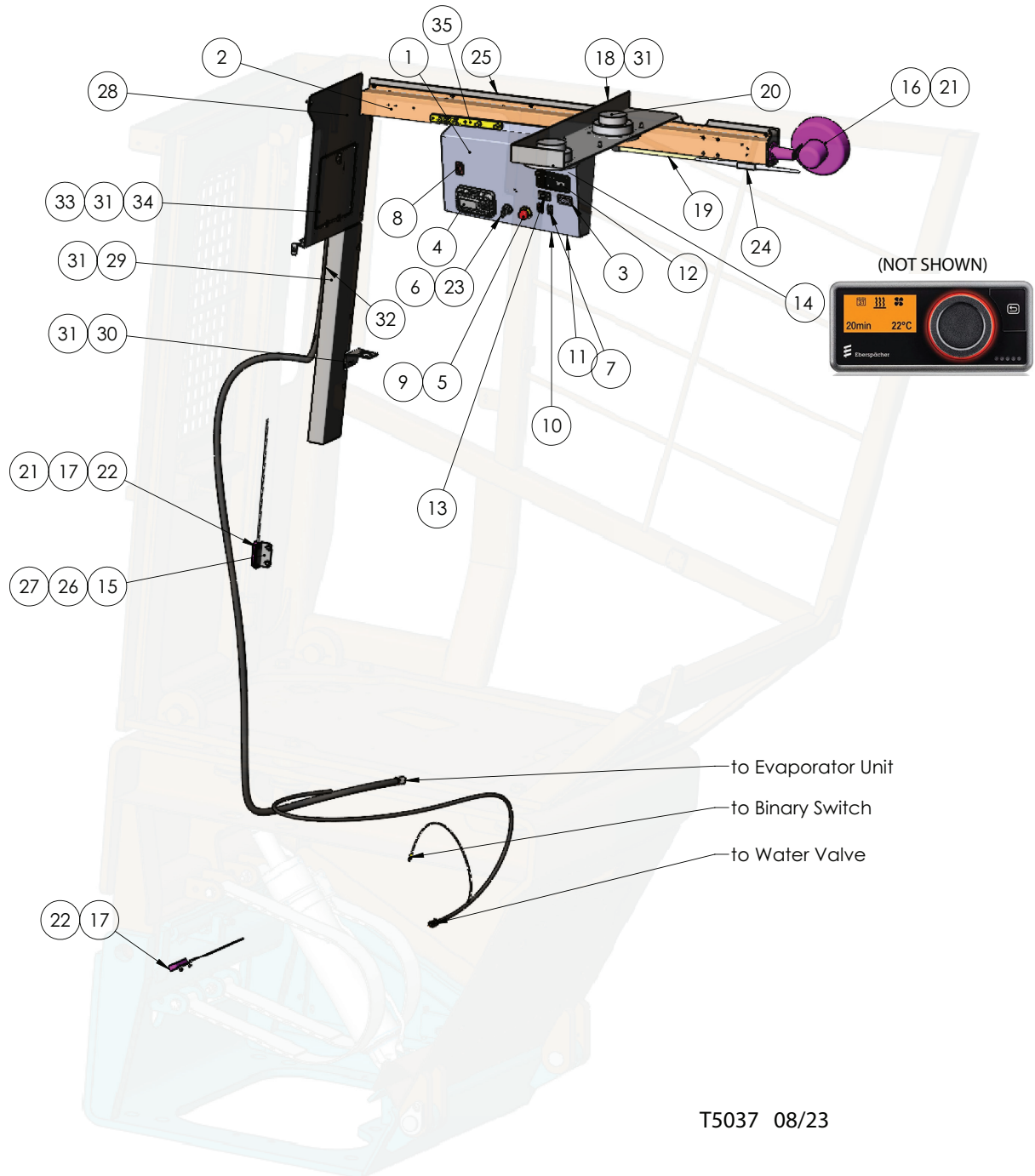


T4724 10/23

REF	PART #	QTY	DESCRIPTION
1	23387	6	BOLT - 1.00" X 6.5" (GRADE 9)
2	10808	6	WASHER, USS FLAT - 1.00"
3	63430	1	WELDMENT, MAIL CHUTE - LOG LOADER
4	18141	12	ISOLATOR, RUBBER - CAB
5	63671	2	PIN, ROPS LOCK CAB - LOG LOADER
6	19369	12	WASHER, CAB MOUNTING ISOLATOR (1/2")
7	18253	6	NUT, LOCK GRADE C - 1.00"

OPERATOR CAB

INTERIOR ELECTRICAL COMPONENT INSTALLATION - (UP TO SN. 1180)



T5037 08/23

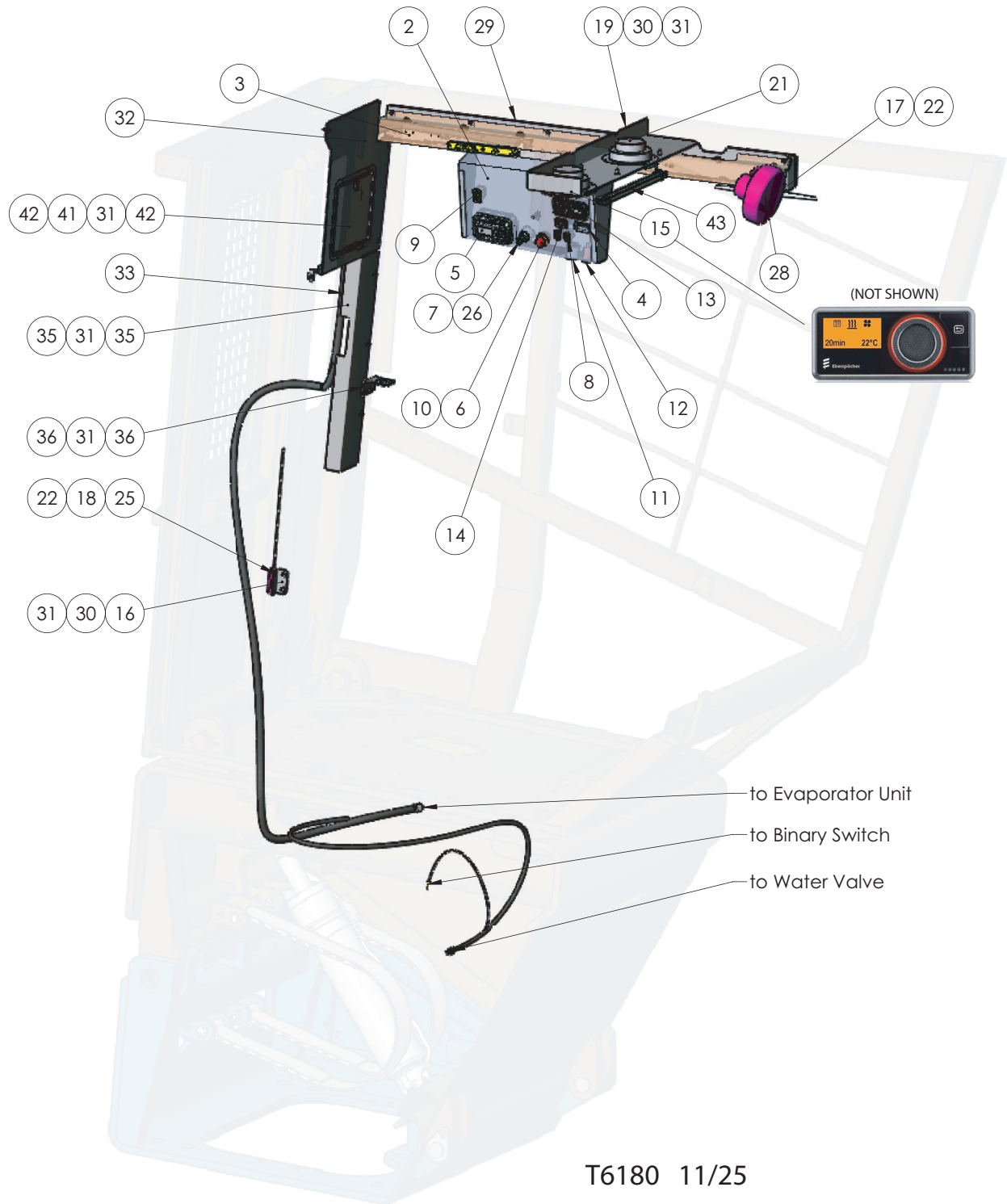
OPERATOR CAB

INTERIOR ELECTRICAL COMPONENT INSTALLATION - (UP TO SN. 1180)

REF	PART #	QTY	DESCRIPTION
1	63550	1	WELD, CONSOLE
2	63551	1	WELD, WIRE CHNL
3	57876	1	MICROPHONE, OMNIDIRECTIONAL
4	57803	1	STEREO RADIO
5	53242	1	SWITCH, E-STOP
6	52414	1	SWITCH, IGNITION
7	51664	2	SWITCH, ROCKER
8	51673	1	SWITCH, VACUUM
9	53243	1	RING, E-STOP
10	55401	1	ADAPTER, PANEL MOUNT USB
11	55662	1	POWER POINT, 12V
12	(CALL)	1	CLIMATE CONTROLLER
13	52401	1	HOUR METER
14	58369	1	ESPAR HEATER CONTROL / TIMER
15	63526	1	PLATE, PROX MT
16	23279	1	FAN, WINDSHEILD DEFROST - 24V
17	55264	2	PROX SWITCH (DOOR SENSOR)
18	63407	1	PLATE, SPEAKER MTG
19	58983	1	LIGHT, DOME - 24V
20	57857	1	SPEAKER PAIR, 6.5" COAXIAL WATERPROOF, 75 WATTS
21	(CALL)	7	PHS, #10-24 X 1/2" LG, ZN PLT
22	(CALL)	4	NY-LOK NUT, #10-24
23	52417	1	KEY, IGNITION
24	57858	1	ANTENNA, INTERIOR
25	63555	1	WELD, CONSOLE MT
26	10757	13	FLAT WASHER, 1/4 SAE, YZ
27	15604	13	HHCS, 1/4-20 X .75, GRD 8, YZ
28	59019	1	CONSOLE HARNESS
29	63669	1	PLATE, WIRE HIDE
30	46975	1	PLATE, CHECKFIRE MTG
31	(CALL)	26	1/4-20 X 1.0" BHCS, CLR ZINC, 5/32" ALLEN
32	59020	1	LOWER HVAC HARNESS
33	63664	1	LATCH, WING HANDLE
34	63668	1	WELD, FUSE ACCESS
35	52777	1	WRENCH, STAR KNOB

OPERATOR CAB

INTERIOR ELECTRICAL COMPONENT INSTALLATION - (SN. 1181 & FORWARD)



T6180 11/25

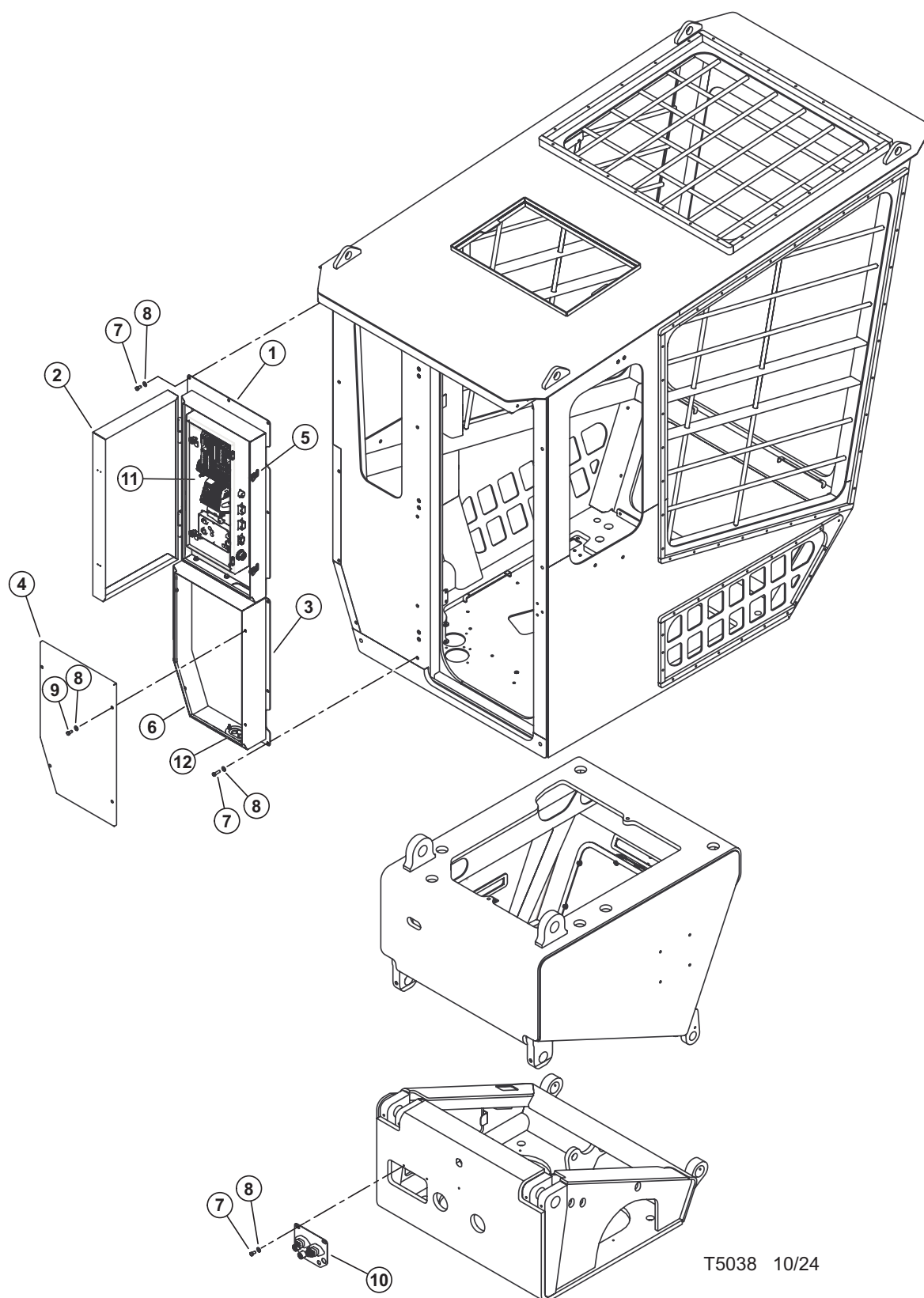
OPERATOR CAB

INTERIOR ELECTRICAL COMPONENT INSTALLATION - (SN. 1181 & FORWARD)

REF	PART #	QTY	DESCRIPTION
2	63550	1	WELD, CONSOLE
3	63551	1	WELD, WIRE CHNL
4	57876	1	MICROPHONE, OMNIDIRECTIONAL
5	57803	1	STEREO RADIO
6	53242	1	SWITCH, E-STOP
7	52414	1	SWITCH, IGNITION
8	51664	2	SWITCH, ROCKER
9	51673	1	SWITCH, VACUUM
10	53243	1	RING, E-STOP
11	55401	1	ADAPTER, PANEL MOUNT USB
12	55662	1	POWER POINT, 12V
13	NEO 2 PLUS GLOBUS	1	CLIMATE CONTROLLER
14	52401	1	HOUR METER
15	58369	1	ESPAR HEATER CONTROL / TIMER
16	63526	1	PLATE, PROX MT
17	23279	1	FAN, WINDSHIELD DEFROST - 24V
18	55264	1	PROX SWITCH
19	63407	1	PLATE, SPEAKER MTG
21	57857	1	SPEAKER PAIR, 6.5" COAXIAL WATERPROOF, 75 WATTS
22	90272A242	5	PHS, #10-24 X 1/2" LG, ZN PLT
25	90631A011	2	NY-LOK NUT, #10-24
26	52417	1	KEY, IGNITION
28	57858	1	ANTENNA, INTERIOR
29	63555	1	WELD, CONSOLE MT
30	10757	26	FLAT WASHER, 1/4 SAE, YZ
31	15604	26	HHCS, 1/4-20 X .75, GRD 8, YZ
32	59019	1	CONSOLE HARNESS
33	59020	1	LOWER HVAC HARNESS
35	63669	1	PLATE, WIRE HIDE
36	46975	1	PLATE, CHECKFIRE MTG
41	63664	1	LATCH, WING HANDLE
42	63668	1	WELD, FUSE ACCESS
43	58983	1	LIGHT, DOME - 12V
45	52777	1	WRENCH, STAR KNOB

OPERATOR CAB

IQAN SYSTEM LOCKER INSTALLATION



T5038 10/24

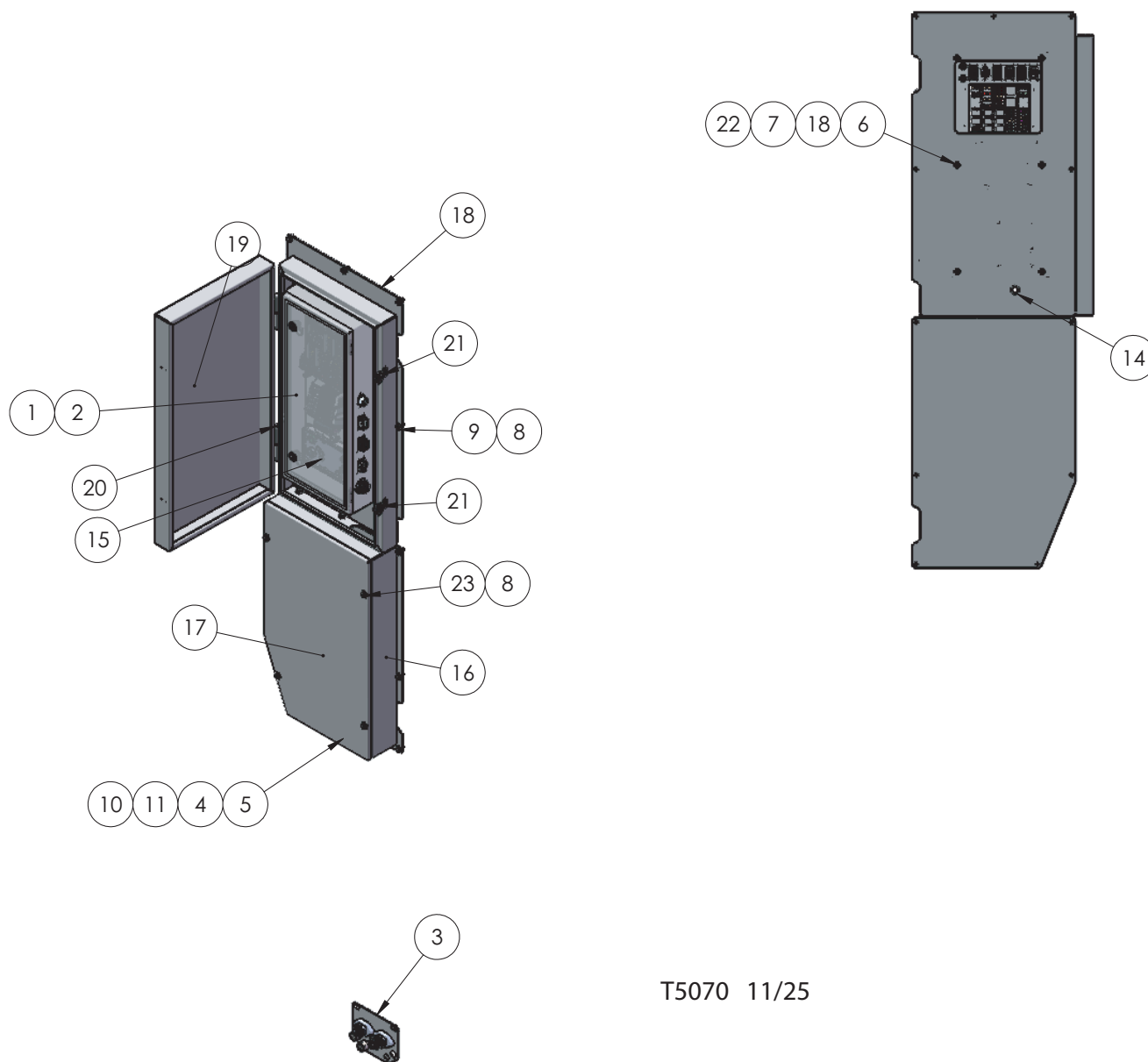
OPERATOR CAB

IQAN SYSTEM LOCKER INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	61639	1	UPPER LOCKER
2	61650	1	TOP LOCKER DOOR
3	61640	1	BOTTOM LOCKER
4	61648	1	PALTE, BOTTOM DOOR
5	61652	2	LATCH, CAM TWIST
5	61646	2	DOOR HOLD PLATE
6	63655	1	RUBBER, WIRE SEAL
7	15542	15	BOLT - 3/8" X .75"
8	15528	19	WASHER, FLAT - 3/8"
9	10402	4	BOLT - 3/8" X 1.25"
10	64800	1	ELECTRICIAL BULKHEAD
11	46684	1	RUBBER, CAB TO ELECTRICIAL BOX
12	63654	1	WELD SEAL MTG

OPERATOR CAB

IQAN SYSTEM LOCKER COMPONENTS - (UP TO SN. 1180)



T5070 11/25

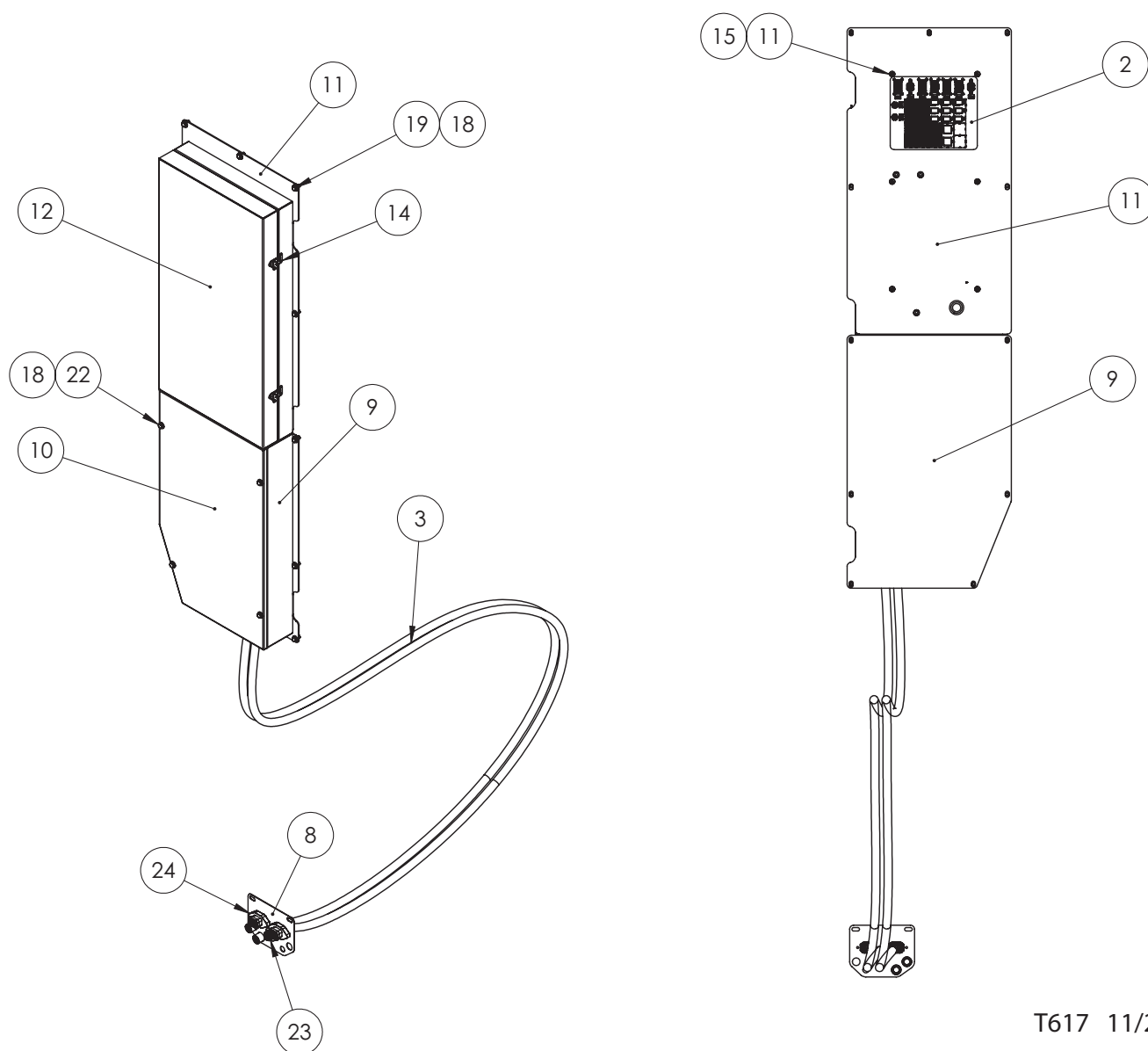
OPERATOR CAB

IQAN SYSTEM LOCKER COMPONENTS - (UP TO SN. 1180)

REF	PART #	QTY	DESCRIPTION
1	46684	1	RUBBER, CAB TO ELECTRICAL BOX
2	55189	1	LOAD CENTER
3	64800	1	WELD, ELEC BULKHEAD
4	63655	1	RUBBER, WIRE SEAL
5	63654	1	WELD, SEAL MTG
6	91263A731	6	FHCS, .313-18 x 1.25L, YZ
7	15559	6	FLAT WASHER, 5/16 SAE, YZ
8	15528	19	FLAT WASHER, 3/8 SAE, YZ
9	15542	15	HHCS, 3/8-16 X .75, YZ, Grd 8
10	10757	2	FLAT WASHER, 1/4 SAE, YZ
11	15575	2	HHCS, 1/4-20 X 1.25, Grd 8, YZ
14	57899	1	GROMMET, .688 id X 1.0 Mtg
15	55483	1	CONVERTER, 24V TO 12V
16	61640	1	WELD, LOCKER BOT
17	61648	1	PLATE, BOT LOCKER DOOR
18	61639	1	WELD, LOCKER TOP
19	61650	1	WELD, TOP LOCKER DOOR
20	61646	1	PLATE, HOLD
21	61652	2	LATCH, CAM TWIST
22	10812	6	NUT, NY-LOCK, .313-18, GRD 8
23	92620A626	4	HHCS, 3/8-16 X 1.25, YZ, GRD 8

OPERATOR CAB

IQAN SYSTEM LOCKER COMPONENTS - (SN. 1181 & FORWARD)



T617 11/25

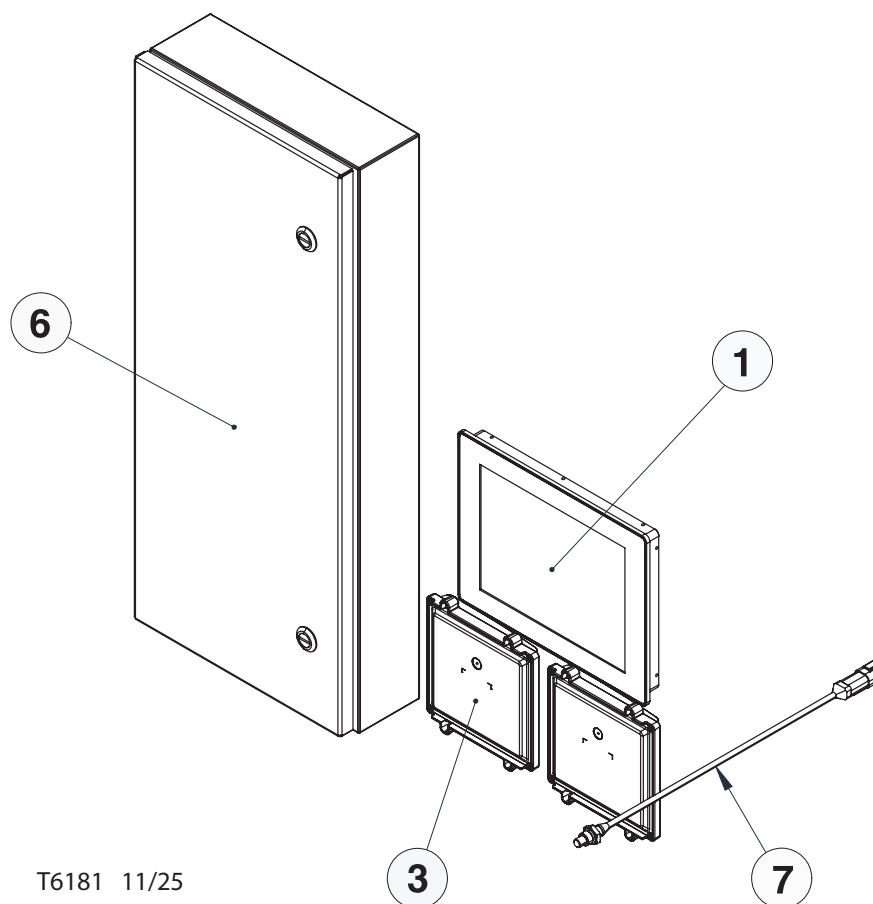
OPERATOR CAB

IQAN SYSTEM LOCKER COMPONENTS - (SN. 1181 & FORWARD)

REF	PART #	QTY	DESCRIPTION
1	46684	1	RUBBER, CAB TO ELECTRICAL BOX
2	660040	1	KIT, IQAN TRACK/WHL (XC43)
3	59005	2	HARNESS, CAB POWER
4	63655	1	RUBBER, WIRE SEAL
5	63654	1	WELD, SEAL MTG
6	665640	1	GROMMET, 1.0 x 1.75 x .125
7	55483	1	CONVERTER, 24V TO 12V
8	64800	1	WELD, ELEC BULKHEAD
9	61640	1	WELD, LOCKER BOT
10	61648	1	PLATE, BOT LOCKER DOOR
11	61639	1	WELD, LOCKER TOP
12	61650	1	WELD, TOP LOCKER DOOR
13	61646	1	PLATE, HOLD
14	61652	2	LATCH, CAM TWIST
15	91263A731	6	FHCS, .313-18 x 1.25L, YZ
16	15559	6	FLAT WASHER, 5/16 SAE, YZ
17	10812	6	NUT, NY-LOCK, .313-18, GRD 8
18	15528	19	FLAT WASHER, 3/8 SAE, YZ
19	15542	15	HHCS, 3/8-16 X .75, YZ, GRD 8
20	10757	2	FLAT WASHER, 1/4 SAE, YZ
21	15575	2	HHCS, 1/4-20 X 1.25, GRD 8, YZ
22	92620A626	4	HHCS, 3/8-16 X 1.25, YZ, GRD 8
23	C-HDP24-18-6PN-A-3D	1	CONNECTOR, HDP-24-18-6PN
24	C-DTV02-18PA-99-3D	2	CONNECTOR, DTV-02-19PA

OPERATOR CAB

IQAN COMPONENT KIT - (SN. 1181 & FORWARD)

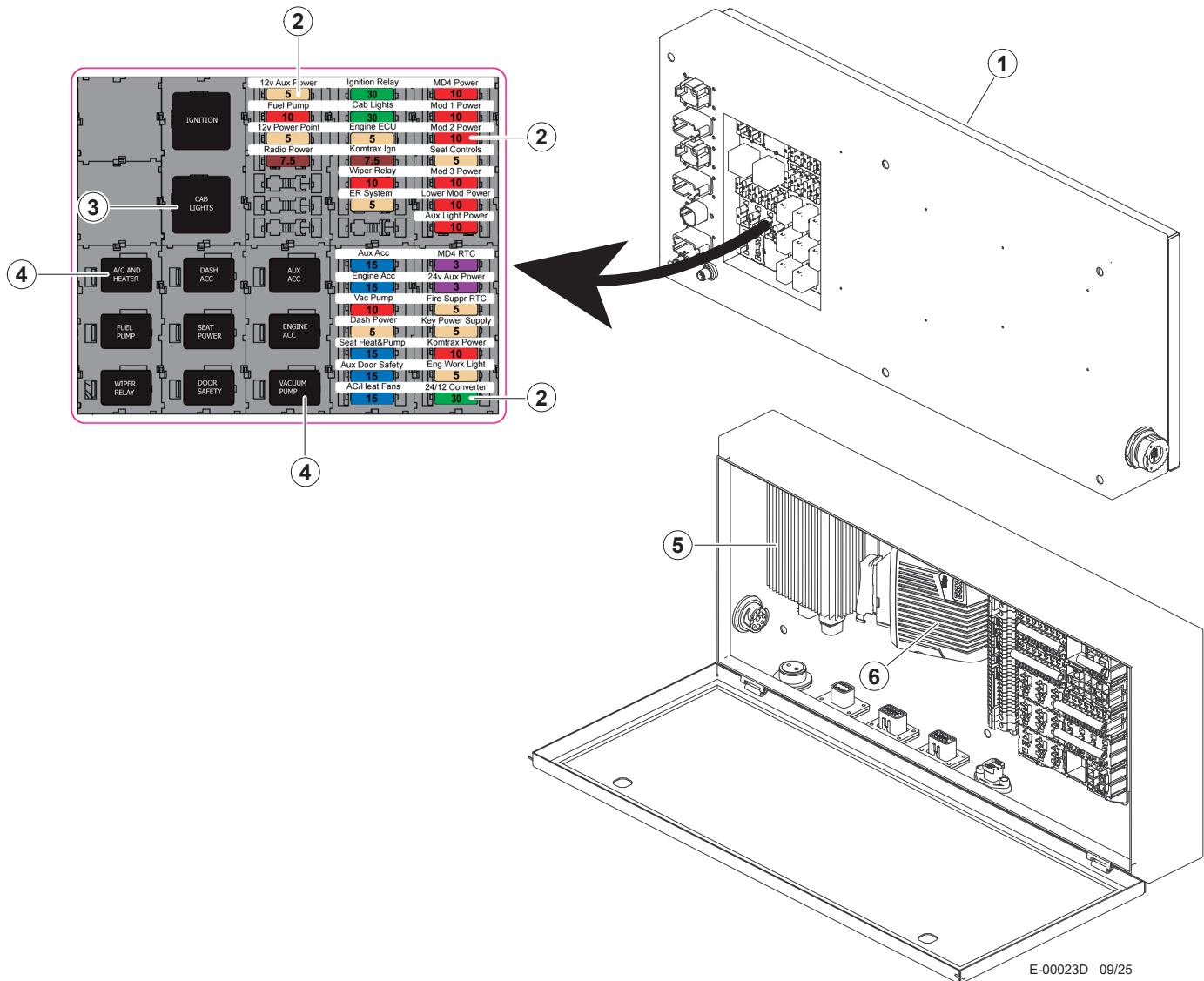


T6181 11/25

REF	PART #	QTY	DESCRIPTION
1	57385	1	MODULE, MD4 - 10" SCREEN LARGE
2	692860	1	HARNESS, EXTERIOR, XC43 (NOT SHOWN)
3	669510	2	MODULE, EXPANSION - IQAN XC43
4	692870	1	HARNESS, POD INTERCONNECT, LH (NOT SHOWN)
5	692880	1	HARNESS, POD INTERCONNECT, RH (NOT SHOWN)
6	669520	1	LOAD CENTER
7	669530	1	SENSOR, TEMP - SAE #6 W/DEUTSCH SS

OPERATOR CAB ELECTRICAL SYSTEM

MAIN ELECTRICAL CENTER ASSEMBLY - (UP TO SN. 1180)

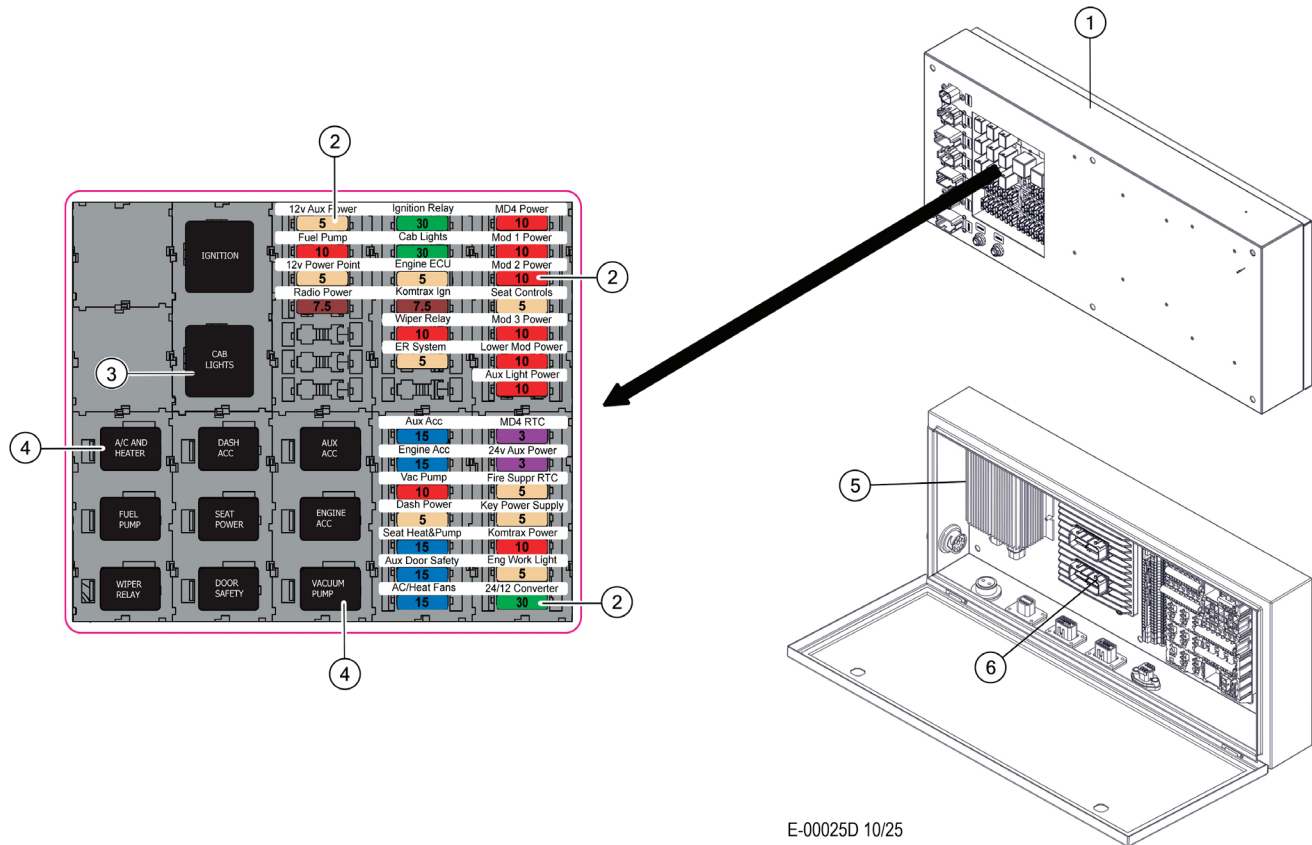


E-00023D 09/25

Item	Part #	Description	Qty.
1	55189	LOAD CENTER	1
2	50401	FUSE, ATO - 30 AMP (SPADE STYLE)	3
	24511	FUSE, ATO - 3 AMP (SPADE STYLE)	2
	24533	FUSE, ATO - 5 AMP (SPADE STYLE)	9
	24534	FUSE, ATO - 7.5 AMP (SPADE STYLE)	2
	24512	FUSE, ATO - 10 AMP (SPADE STYLE)	10
	50400	FUSE, ATO - 15 AMP (SPADE STYLE)	5
3	24323	RELAY, 24-VOLT (MAIN ELEC 30 AMP)	2
4	53645	RELAY, ZETTLER AZ988-1C-24DE-C1	9
5	55483	CONVERTER, 24V TO 12V	1
6	53095	MODULE, XA2 - IQAN	2

OPERATOR CAB ELECTRICAL SYSTEM

MAIN ELECTRICAL CENTER ASSEMBLY - (SN. 1181 & FORWARD)

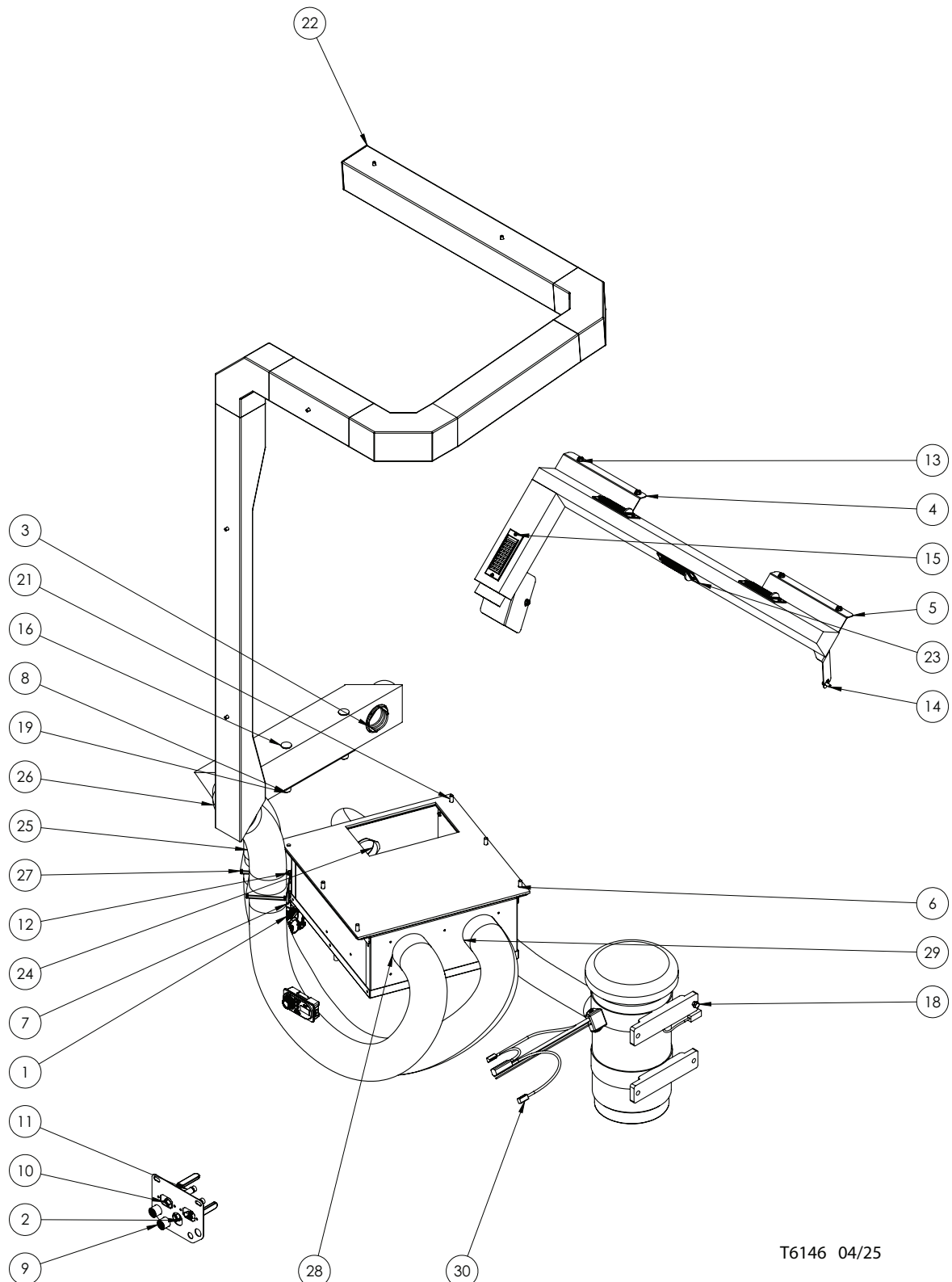


E-00025D 10/25

Item	Part #	Description	Qty.
1	669520	LOAD CENTER, E-MODEL MACHINE	1
2	24533	FUSE, ATO - 5 AMP (SPADE STYLE)	9
	24511	FUSE, ATO - 3 AMP (SPADE STYLE)	2
	50401	FUSE, ATO - 30 AMP (SPADE STYLE)	3
	24534	FUSE, ATO - 7.5 AMP (SPADE STYLE)	2
	24512	FUSE, ATO - 10 AMP (SPADE STYLE)	10
	50400	FUSE, ATO - 15 AMP (SPADE STYLE)	5
3	24323	RELAY, 24-VOLT (MAIN ELEC 30 AMP)	2
4	53645	RELAY, ZETTLER AZ988-1C-24DE-C1	9
5	55483	CONVERTER, 24V TO 12V	1
6	669510	MODULE, EXPANSION - IQAN XC43	1

OPERATOR CAB

HEAT & A/C COMPONENTS



T6146 04/25

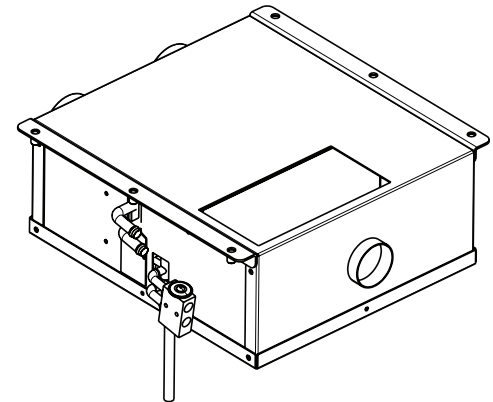
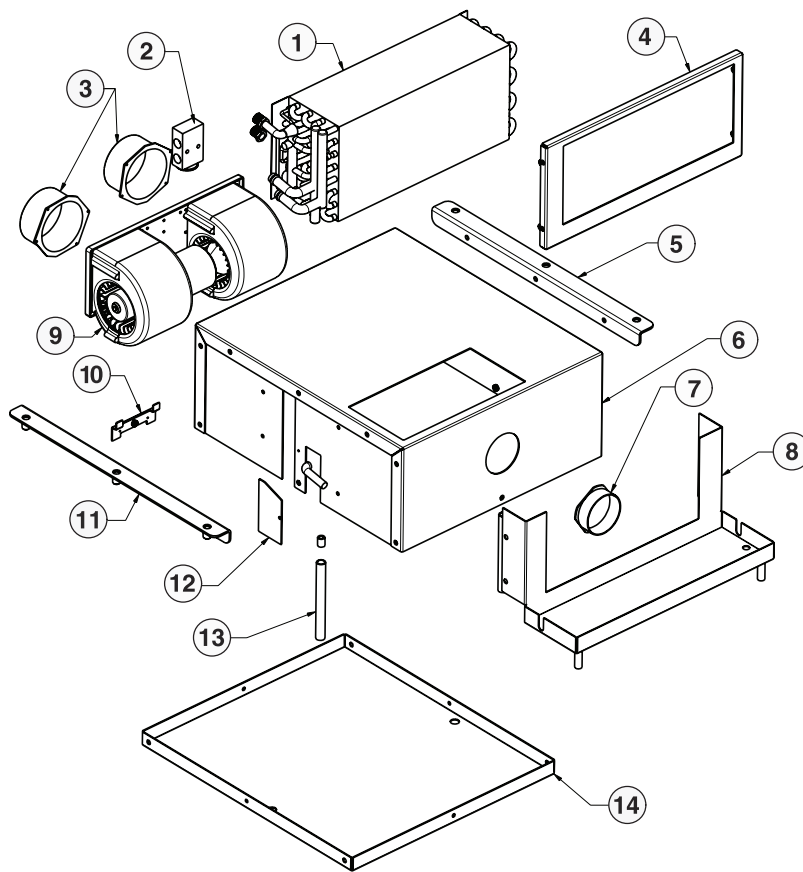
OPERATOR CAB

HEAT & A/C COMPONENTS

REF	PART #	QTY	DESCRIPTION
1	59017	1	KIT, HEATER/AC - LOG LOADER
2	51714	2	VALVE, SHUT-OFF, 1/2 FNPT
3	57817	3	LOUVER, ADJUSTABLE, 3"
4	63622	1	PLATE, DUCT MTG
5	63623	1	PLATE, DUCT MTG
6	63566	1	RUBBER MAT, HVAC
7	66357	1	WELD, DRIER MOUNT
8	672840	1	WELDMENT, DUCT SUPPORT
9	64800	1	WELD, ELEC BULKHEAD
10	16126	2	.50NPT CLOSE NIPPLE
11	1745N18	2	FITTING , 5/8 BEAD X 1/2 MNPT
12	5204K13	2	CLAMP, T-BOLT, 2-25/32" TO 3-3/32" ID
13	15559	22	FLAT WASHER, 5/16 SAE, YZ
14	10731	17	HHCS, 5/16-18 X .75, GRD 8, YZ
15	17255	8	SCREW, #10 X .75, SELFTAP, SS
16	63637	5	PLUG, 1"
17	10812	4	NUT, NY-LOCK, .313-18, GRD 8
18	92620A630	1	HHCS, 3/8-16 X 1.75, YZ, GRD 8
19	15591	2	HHCS 5/16-18 X 1.5, GRADE 9
20	15528	5	FLAT WASHER, 3/8 SAE, YZ
21	92620A626	5	HHCS, 3/8-16 X 1.25, YZ, GRD 8
22	63631	1	CAP, 4" DUCT
23	51640	4	LOUVER
24	63618	1	HOSE, PRESSURIZER
25	63619	1	HOSE, FLEX, 4"
26	63619	1	HOSE, FLEX, 4"
27	61657	4	HOSE ADAPTER, 4" HVAC
28	63619	1	HOSE, FLEX, 4"
29	63619	1	HOSE, FLEX, 4"
30	63636	1	CONTROLLER, PRESSURIZER

OPERATOR CAB

HEATER BREAKDOWN

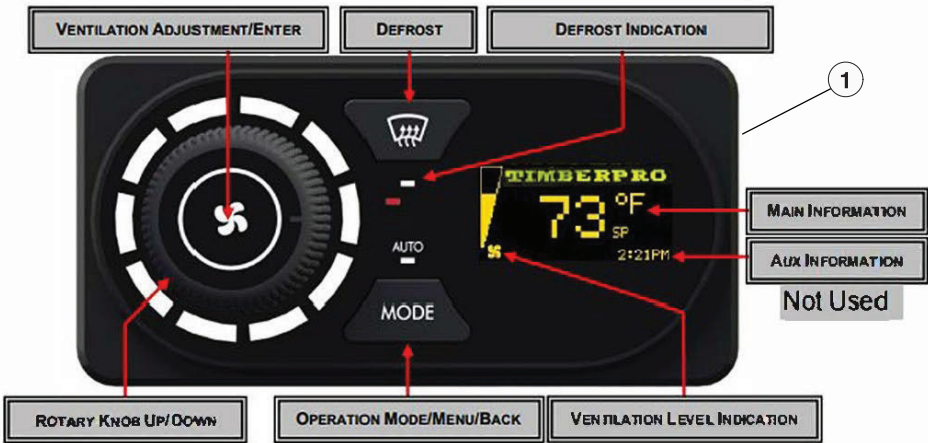


BT1-9001-T THERMOSTAT PROBE
(NOT SHOWN)

REF	PART #	QTY	DESCRIPTION
1	BA6-1061	1	COIL COMBO
2	BA1-2004	1	VALVE TXV BLOCK 2 TOP
3	BA2-2018	2	ADAPTER 4 INCH HOSE
4	BA-917-067-8	1	FILTER MOUNT
5	BA-917-067-9	1	HOUSING MOUNT
6	BA-917-067-0	1	HOUSING
7	BT2-1024	1	ADAPTER 3 INCH HOSE
8	BA-917-067-5	1	DRAIN PAN WELDMENT
9	55731	1	BLOWER 24V BRUSHLESS
10	BA-917-067-10	1	BLOWER CLAMP
11	BA-917-067-9	1	HOUSING MOUNT
12	BA-917-067-7	1	HOUSING TAB
13	72R90101	2	VALVE CHECK ASSEMBLY
14	BA-917-067-4	1	HOUSING COVER

OPERATOR CAB

HEATER / AIR CONDITIONING CONTROLLER



Item	Part #	Description	Qty.
1	55730	CONTROLLER, NEO 2+ GLOBUS PROG	1

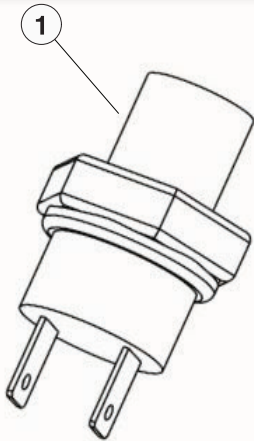
NOTE: CONTROLLER P/N 55730 REPLACES CONTROLLER P/N 58162. FOR OLDER MACHINES STILL USING THE 58162 CONTROLLER, ORDER P/N 55730 AND ALSO 59056 TO RETOFIT THESE MACHINES.



58162 - PANEL, TOUCH - HEATER/AC (SHOWN FOR REFERENCE ONLY)

OPERATOR CAB

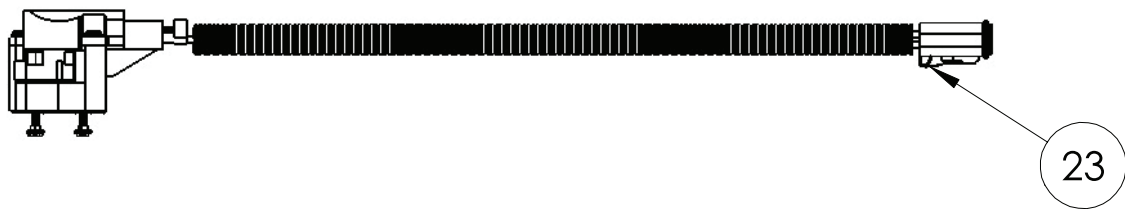
HEATER / AIR CONDITIONING BINARY SWITCH



K-00025D 07/24

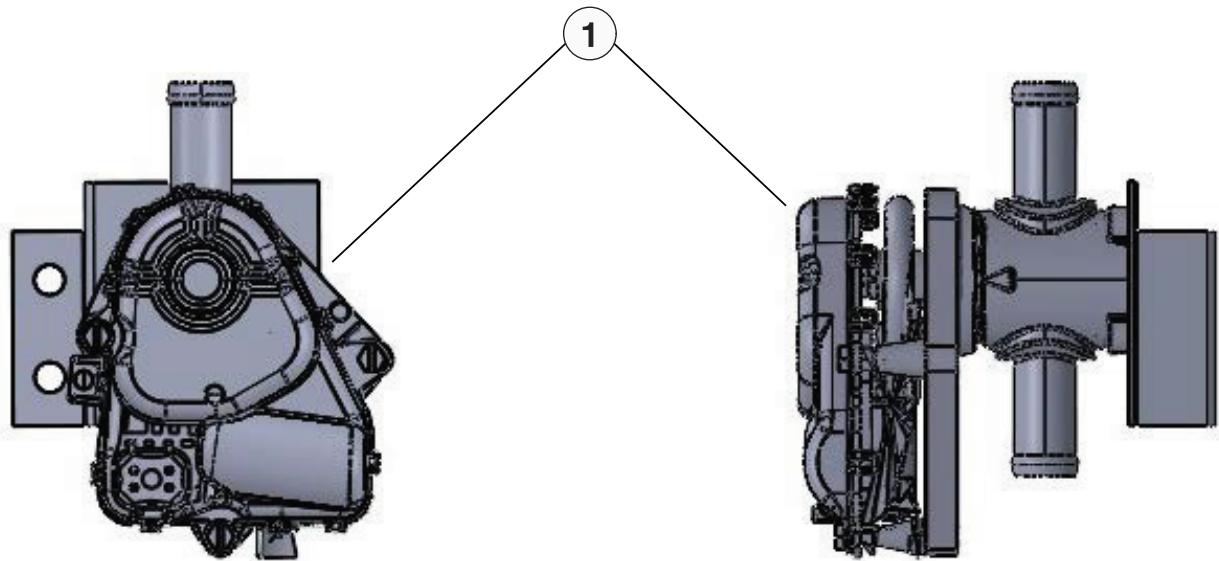
Item	Part #	Description	Qty.
1	BT1-1423	BINARY SWITCH	1

OPERATOR CAB
HEATER / AIR CONDITIONING BINARY AIR TEMP SENSOR



Item	Part #	Description	Qty.
1	55972	SENSOR, TEMP W/ RESISTER/ADAPTOR	1

OPERATOR CAB
CABIN HEATER WATER VALVE

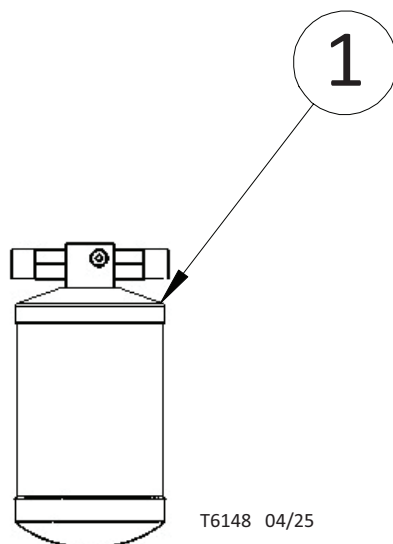


K-00027D 07/24

Item	Part #	Description	Qty.
1	58328	VALVE, WATER - "D" SERIES CAB - BI-DIRECIONAL	1

OPERATOR CAB

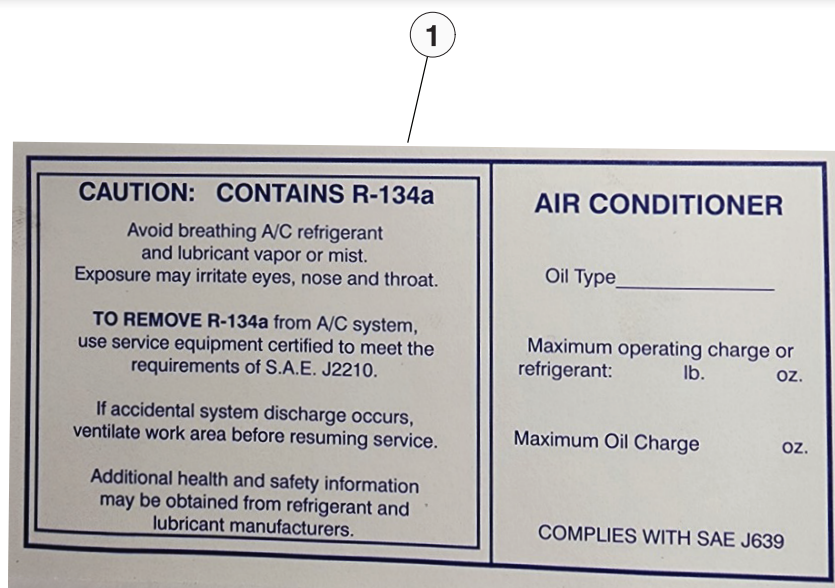
AIR CONDITIONING DRIER



Item	Part #	Description	Qty.
1	66356	DRIER, A/C	1

OPERATOR CAB

AIR CONDITIONING REFRIGERANT DECAL

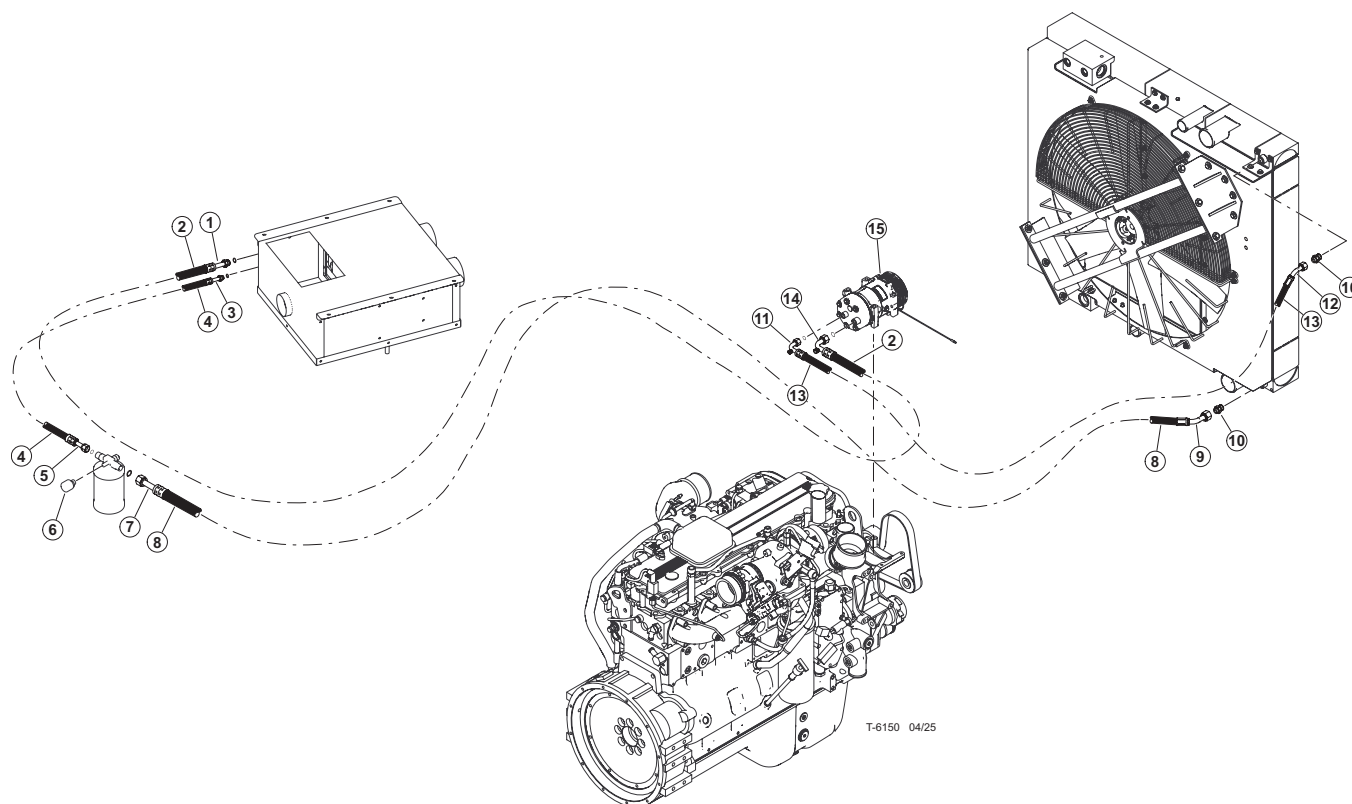


K-00030D 07/24

Item	Part #	Description	Qty.
1	BT9-2004	REFRIGERANT DECAL	1

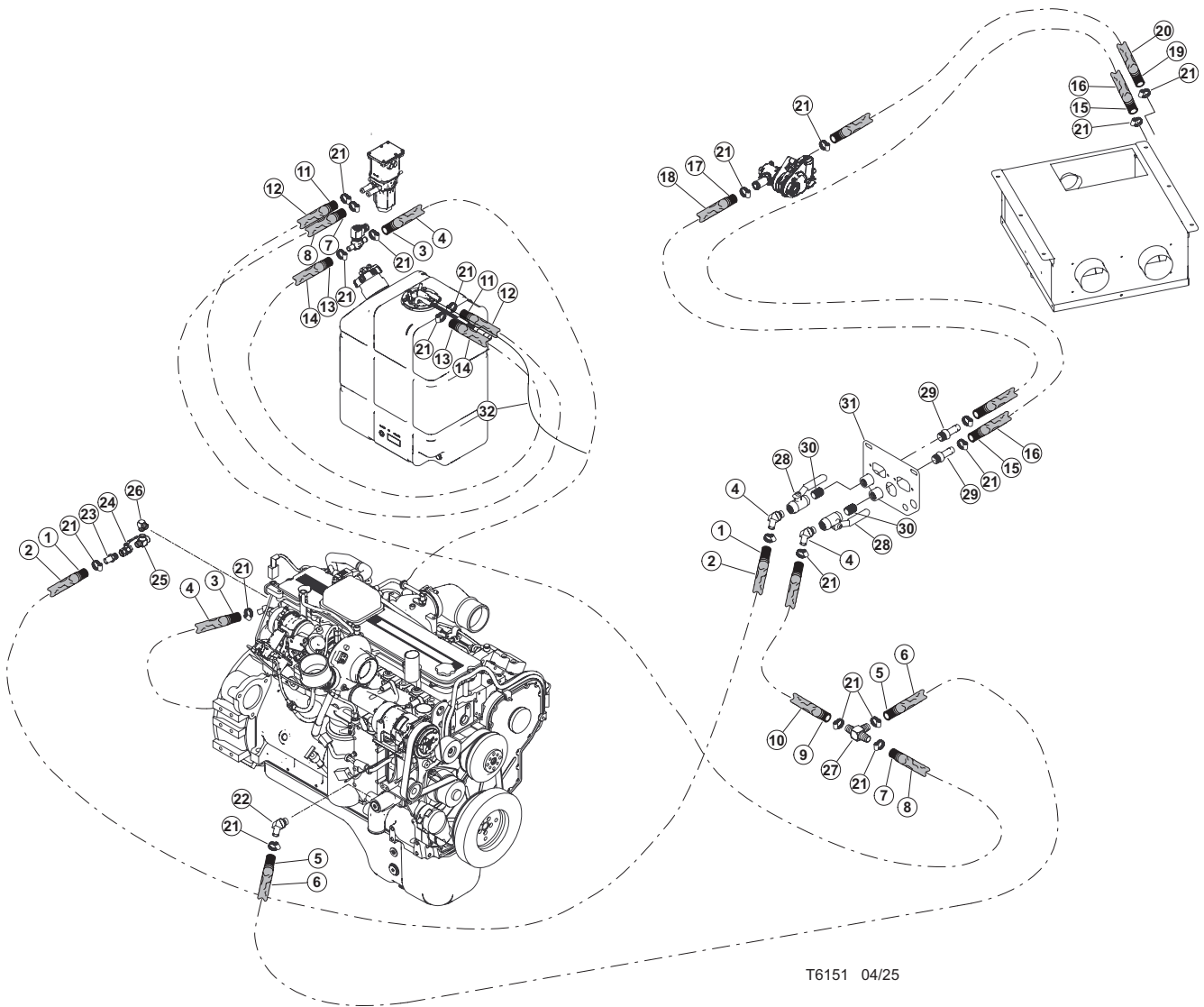
OPERATOR CAB

AIR CONDITIONING HOSE INSTALLATION



REF	PART #	QTY	DESCRIPTION
1	BTO-5174	1	FTG AOC MOR STR 16H 1
2	BT8-8616	30'	HOSE AOC #16 7/8" ID 1.21" OD
3	BTO-5040	1	FTG AOC MOR STR 6H 6F
4	BT8-8606	6'	HOSE AOC #6 5/16" ID .56" OD
5	BTO-5000	1	FTG AOC FOR STR 6H 6F
6	15040	1	SWITCH, BINARY
7	BTO-5007	1	FTG AOC FOR STR 6H 8F
8	BT8-8608	30'	HOSE AOC #8 13/32" ID X .69" OD
9	BTO-5099	1	FTG AOC FOR 45 8H 8F
10	21.31406	2	FITTING, STR
11	BTO-5032	1	FTG AOC FOR 90 8H 8F 16MMPT
12	BTO-5099	1	FTG AOC FOR 45 8H 8F
13	BT8-8608	49.5"	HOSE AOC #8 13/32" ID X .69" OD
14	BTO-5196	1	FTG AOC FOR 90 16H 10F 13MMPT
15	58156	1	COMPRESSOR, A/C

OPERATOR CAB HEATER AND DEF HOSE INSTALLATION



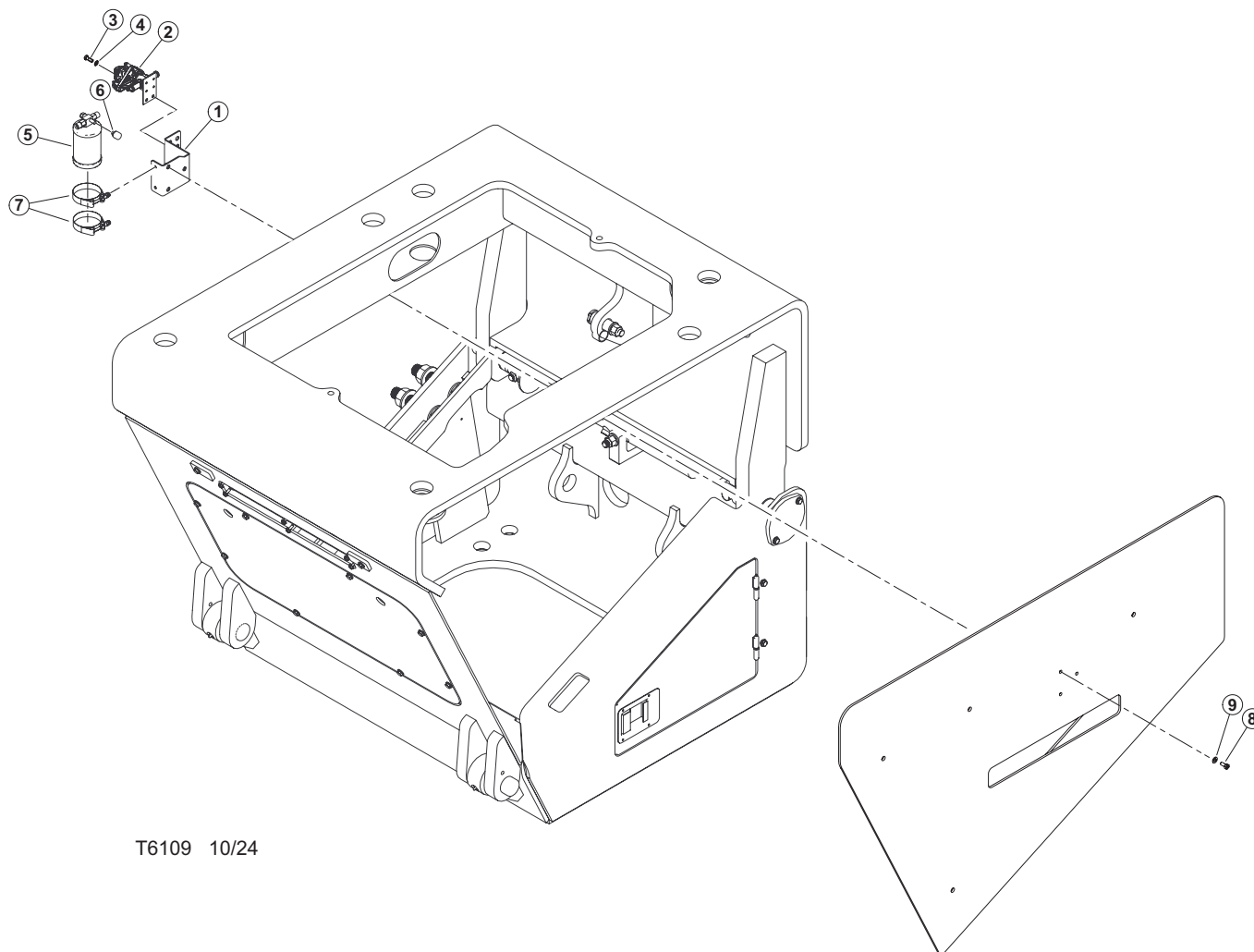
OPERATOR CAB

HEATER AND DEF HOSE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	16717	AR	HOSE, HEATER - (BULK ROLL)
2	50188	AR	SLEEVE, PROTECTIVE HOSE
3	16717	AR	HOSE, HEATER - (BULK ROLL)
4	50188	AR	SLEEVE, PROTECTIVE HOSE
5	16717	AR	HOSE, HEATER - (BULK ROLL)
6	50188	AR	SLEEVE, PROTECTIVE HOSE
7	16717	AR	HOSE, HEATER - (BULK ROLL)
8	50188	AR	SLEEVE, PROTECTIVE HOSE
9	16717	AR	HOSE, HEATER - (BULK ROLL)
10	50188	AR	SLEEVE, PROTECTIVE HOSE
11	16717	AR	HOSE, HEATER - (BULK ROLL)
12	50188	AR	SLEEVE, PROTECTIVE HOSE
13	16717	AR	HOSE, HEATER - (BULK ROLL)
14	50188	AR	SLEEVE, PROTECTIVE HOSE
15	16717	AR	HOSE, HEATER - (BULK ROLL)
16	50188	AR	SLEEVE, PROTECTIVE HOSE
17	16717	AR	HOSE, HEATER - (BULK ROLL)
18	50188	AR	SLEEVE, PROTECTIVE HOSE
19	16717	AR	HOSE, HEATER - (BULK ROLL)
20	50188	AR	SLEEVE, PROTECTIVE HOSE
21	58977	20	CLAMP, HOSE
22	57805	1	FITTING, 179HB-10-8
23	51774	1	CONNECTOR, STR HOSE BARB - .5 X 5/8
24	51714	1	VALVE, BALL - WATER SHUT OFF HEATER 1/2"
25	51879	1	TEE, RUN - .5" (1/2 MRO-S)
26	52785	1	ELBOW, MALE PIPE - 3/4 X 1/2 CR-S
27	57903	1	TEE, HOSE BARB - 5/8" PIPE
28	47865K230	2	BALL VALVE
29	1745N18	2	FITTING, STR - HOSE BARB
30	16126	2	NIPPLE, CLOSE - 1/2"
31	64800	1	BULKHEAD PLATE

OPERATOR CAB

A/C DRYER, BINARY SWITCH & WATER VALVE INSTALLATION

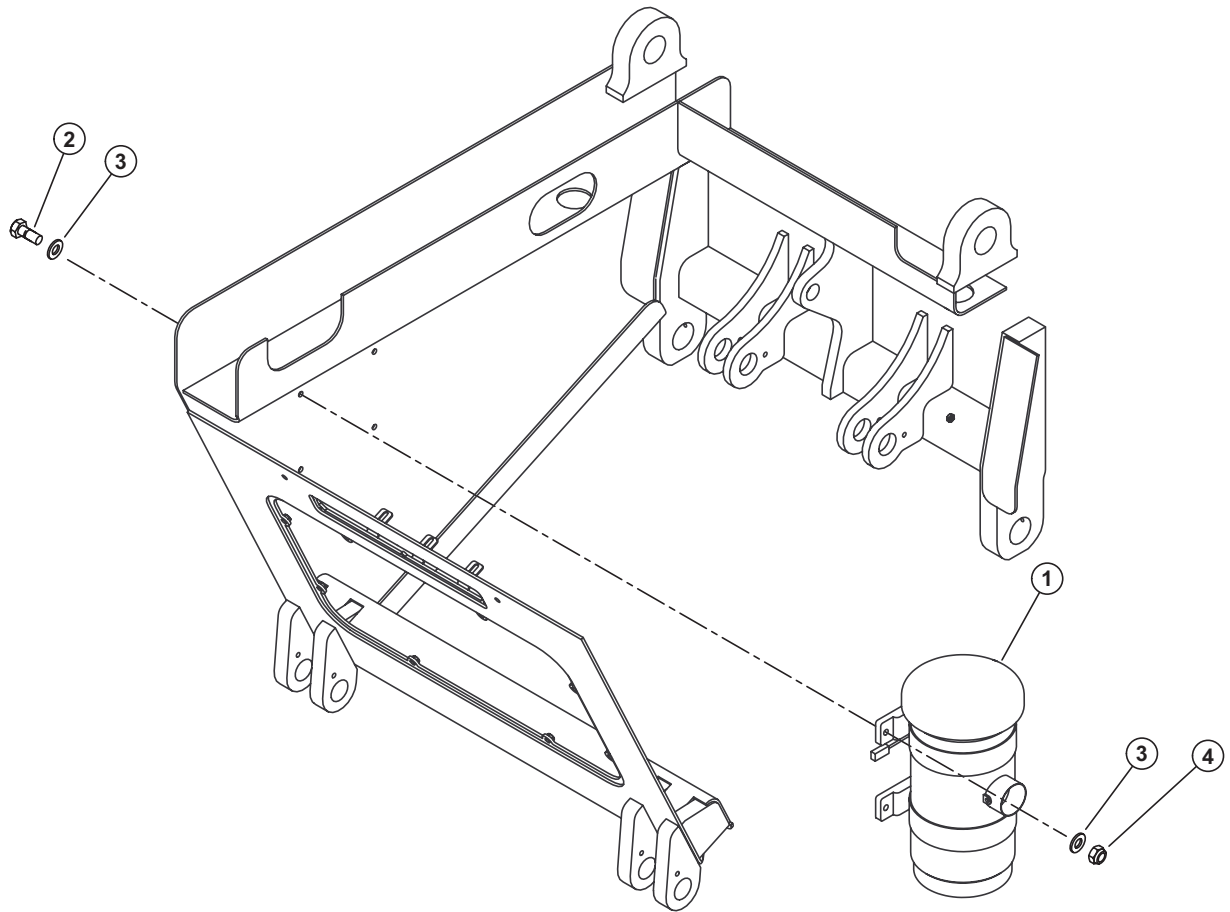


T6109 10/24

REF	PART #	QTY	DESCRIPTION
1	66357	1	WELD, DRIER MOUNT
2	58069	1	WATER VALVE
3	15604	2	BOLT - .25" X .75"
4	10757	2	WASHER, SAE FLAT - .25"
5	66356	1	A/C DRYER
6	15040	1	SWITCH, BINARY (A/C DRYER)
7	5204K13	2	CLAMP
8	15605	3	BOLT - .3125" X .75"
9	15559	3	WASHER, SAE FLAT - .3125"

OPERATOR CAB

CAB PRESSURIZER INSTALLATION

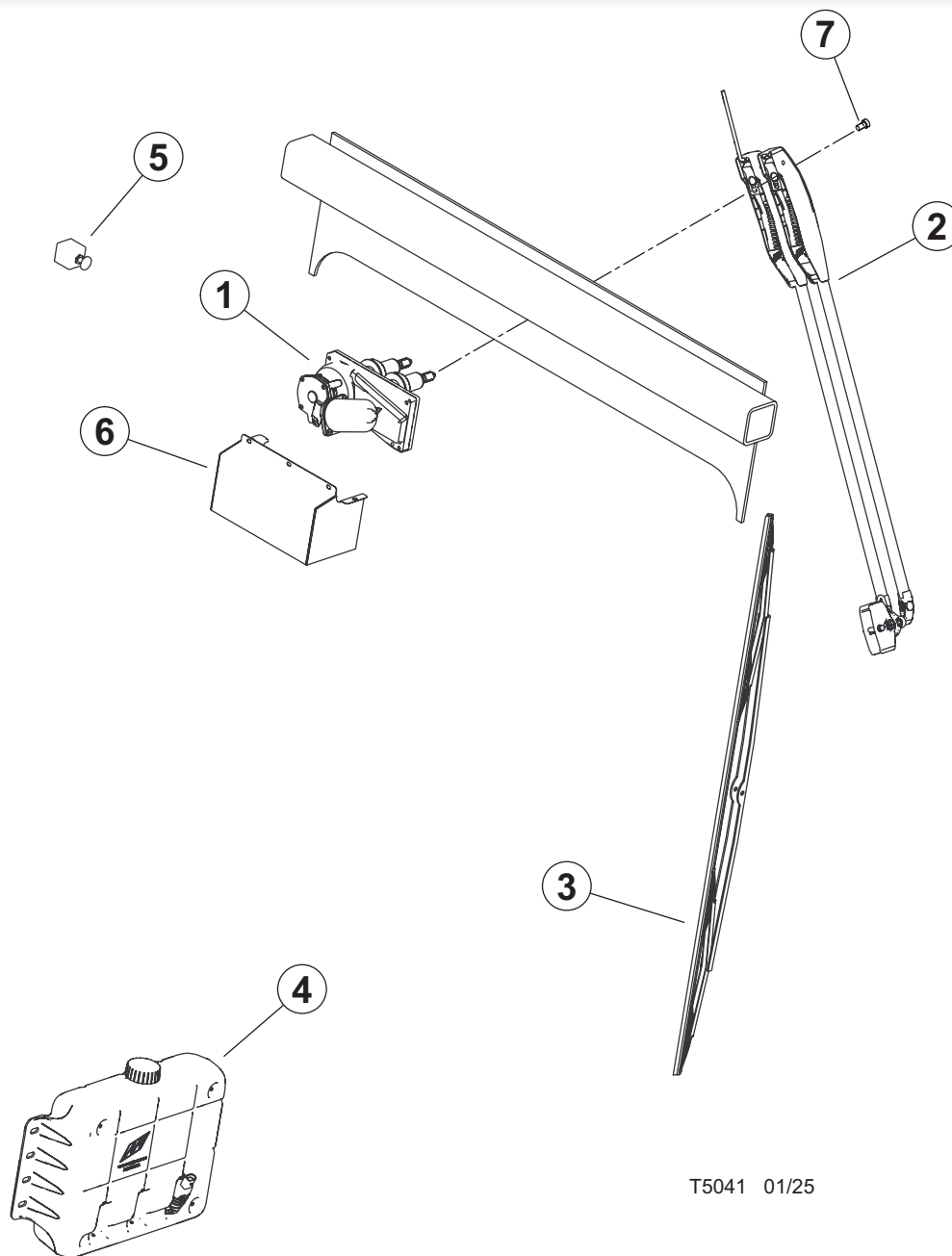


T5073 10/23

REF	PART #	QTY	DESCRIPTION
1	61638	1	PRESSURIZER, RESPA CF2
2	50100	4	BOLT - .5" X 1.25"
3	15534	8	WASHER, SAE FLAT - .5"
4	10815	4	NUT, LOCK - .5"

OPERATOR CAB

WINDSHIELD WIPER ASSEMBLY

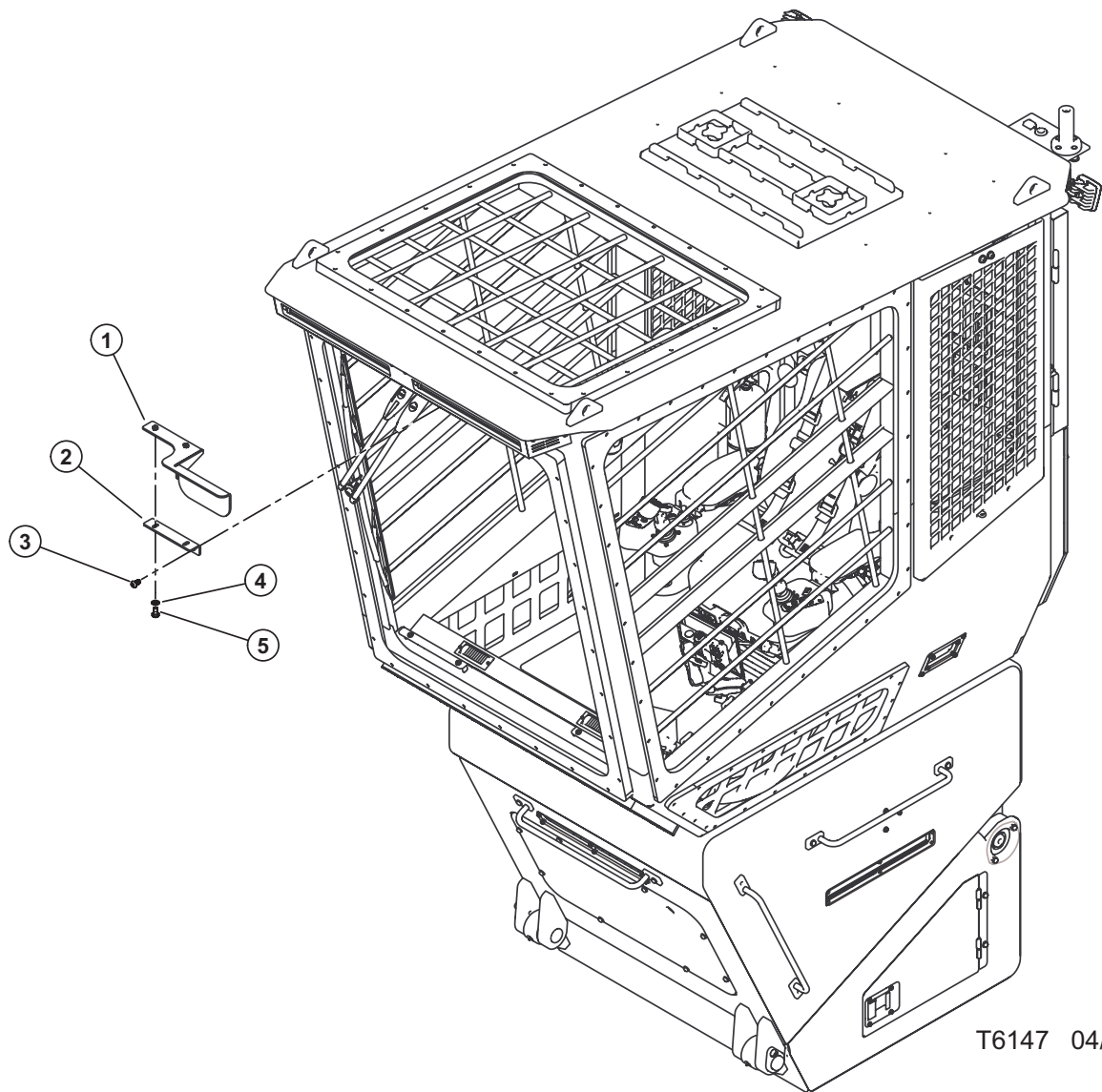


T5041 01/25

REF	PART #	QTY	DESCRIPTION
1	64751	1	MOTOR ASSY, DUAL DRIVER WIPER, 24V
2	64752	1	ARM, HD, DD - 33" WET
3	64753	1	BLADE, 45" FLEX
4	64754	1	WASHER BOTTLE TANK & PUMP - 24V
5	61621	1	SWITCH, 2 SPD 24V WIPER/WASHER
6	61615	1	COVER, WIPER MOTOR
7	(CALL)	2	BOLT - M6 X 12 (ADD A SMALL AMOUNT OF BLUE LOCTITE™)

OPERATOR CAB

WINDSHIELD WIPER ARM LOCK

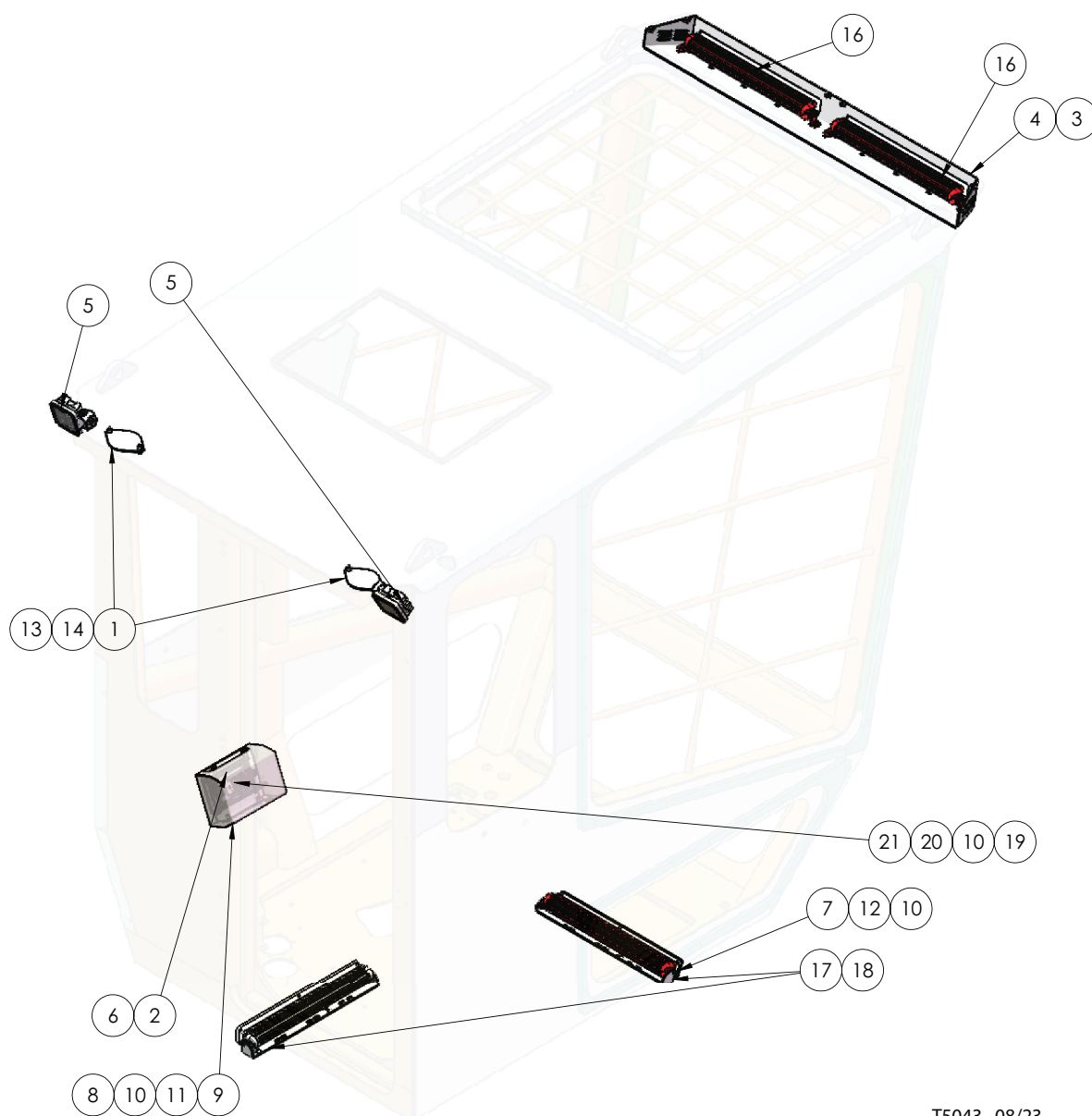


T6147 04/25

REF	PART #	QTY	DESCRIPTION
1	679180	1	BRACKET, WIPER LOCK
2	679160	1	PLATE, WIPER LOCK BASE
3	20084	2	BOLT - .375" X 1 3/4
4	11707	2	BOLT - .375" X 1"
5	15528	2	WASHER, SAE FLAT - .375"

OPERATOR CAB

WORK LIGHT INSTALLATION



T5043 08/23

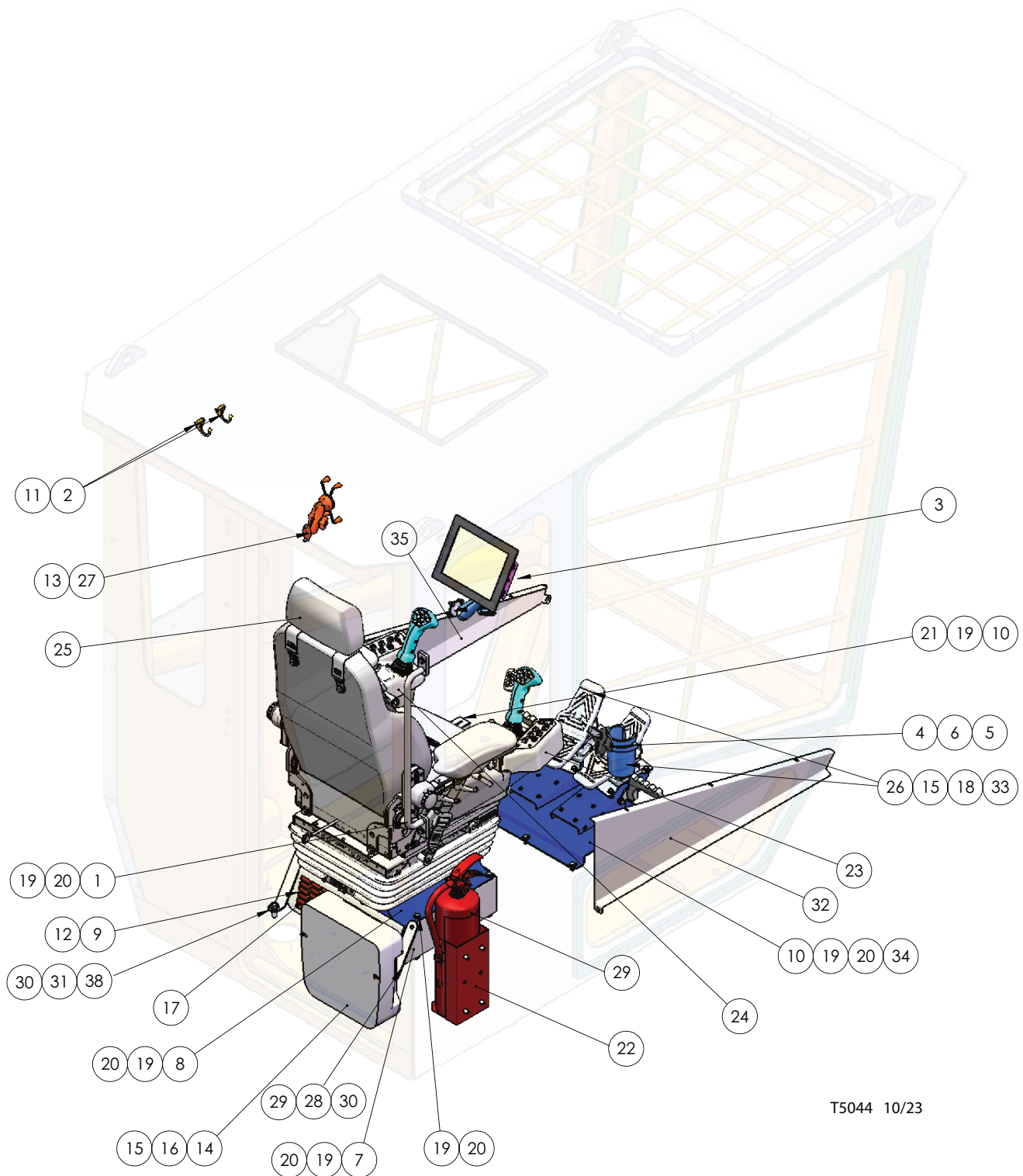
OPERATOR CAB

WORK LIGHT INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	63493	2	PLATE, COVER
2	49223	1	WELD, LIGHT BOX
3	10827	6	BOLT - .375"-16 X .5"
4	63404	1	PLATE, LIGHT GUARD
5	50999	2	LIGHT, 6 LED CUBE
	58386	2	GROMMET, 5/8 ID, 1/4 THK (NOT SHOWN)
6	49222	1	GUARD PANE, REAR LIGHT, PC
7	49335	2	LEXAN, LIGHT GUARD
8	63607	2	WELD, COVER MT
9	63608	1	PLATE, LIGHT COVER
10	10757	28	WASHER, FLAT - .250" SAE
11	15509	4	NUT, NY-LOCK - .250"-20 GRD 8
12	15604	14	BOLT - .250"-20 X .75" GRD 8
13	15528	4	WASHER, FLAT - .375" SAE
14	15542	4	BOLT - .375"-16 X .75" GRD 8
15	15575	4	BOLT - .250"-20 X 1.25" GRD 8
16	59047	2	LIGHT BAR, 15 LED
17	61555	2	PLATE, 15 LED MT
18	59047	2	LIGHTBAR, 15 LED
19	(CALL)	2	WASHER, FLAT - .3125" RUBBER
20	(CALL)	2	BOLT - M6 X .75" X 20MM
21	59043	1	LIGHTBAR, 3 LED

OPERATOR CAB

SEAT & PERIPHERALS ASSEMBLY



T5044 10/23

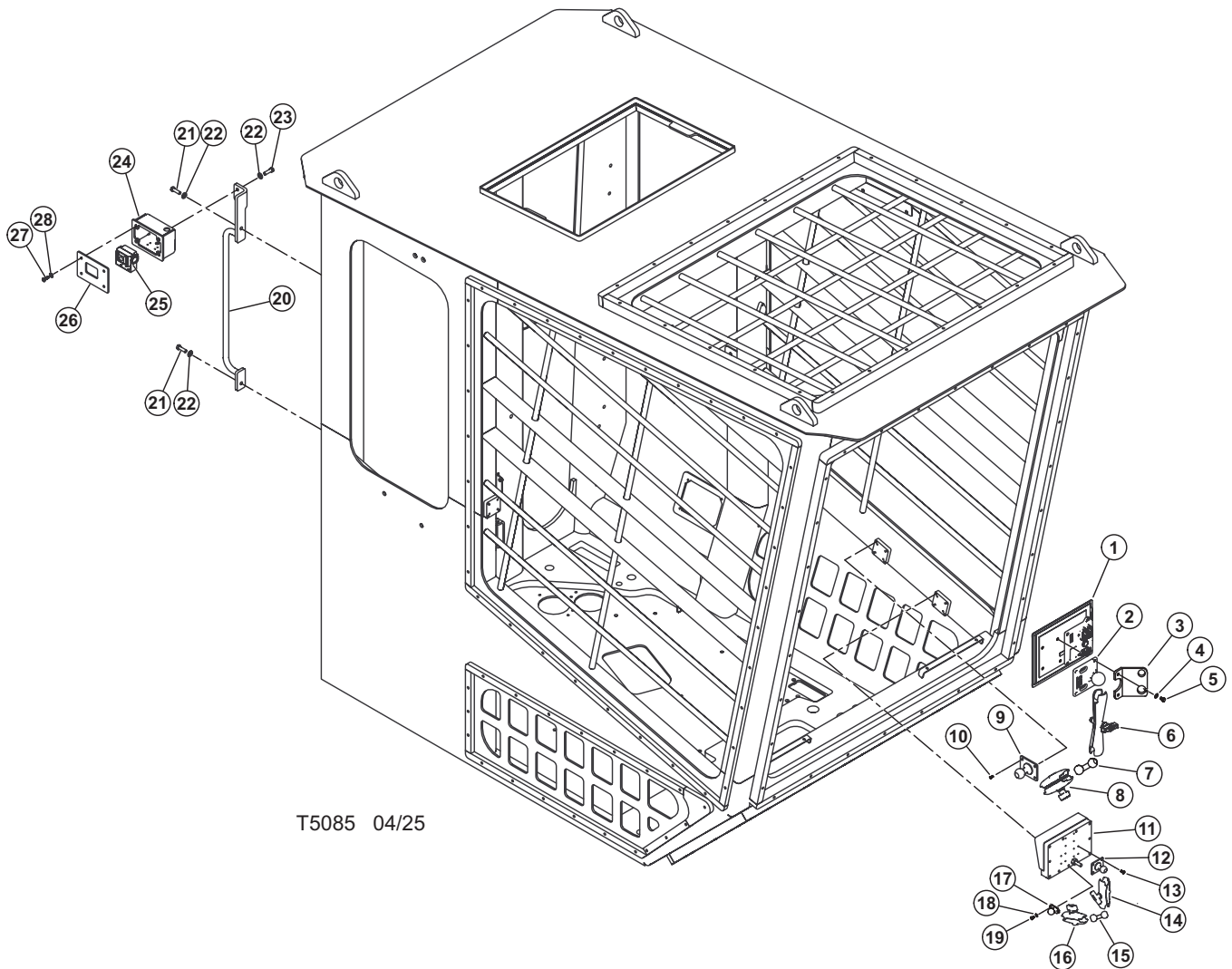
OPERATOR CAB

SEAT & PERIPHERALS ASSEMBLY

REF	PART #	QTY	DESCRIPTION
1	63540	1	WELD, GRAB HANDLE
2	59003	2	HOOK, COAT
3	57385	1	MODULE, MD4-10 SCREEN
4	63557	1	CUP HOLDER. BALL MT
5	63567	1	MALL MT. "B" SIZE RAM, 1.5
6	63568	1	ARM, RAM, "B" SIZE X 3" L
7	63520	1	WELD, SEAT BASE
8	63545	1	WELD, SEAT MT
9	63527	1	PLATE, FILTER GUARD
10	63320	1	WELD, FOOT PEDAL MT
11	(CALL)	4	FLAT HEAD DRILLING SCREWS FOR METAL
12	(CALL)	2	SCEW, THUMB, 1/4-20 X .50L
13	(CALL)	8	1/4-20 X 1.0" BHCS, CLR ZINC, 5/32" ALLEN
14	63595	1	DOCUMENT HOLDER
15	15559	10	WASHER, FLAT - .3125" SAE
16	10825	2	BOLT - .3125"-18 X 3.00" GRD 8
17	63621	1	FILTER, CAB HVAC
18	10731	8	BOLT - .3125"-18 X .75" GRD 8
19	15528	27	WASHER, FLAT - .375" SAE
20	15542	26	BOLT - .375"-16 X .75" GRD 8
21	63641	1	MAIL CHUTE
22	16222	1	FIRE EXT W/BRKT, 10LB
23	55422	1	POD, RH JOYSTICK
24	55417	1	POD, RH JOYSTICK
25	57840	1	SEAT, BEGE
26	57801	2	FOOT PEDALS
27	57551	1	HOLDER, PHONE RAM SUCTION
28	15534	2	WASHER, FLAT - .5" SAE
29	57891	1	FIRE EXTINGUISHER - 5 LBS - CAB
30	10739	2	BOLT - .5"-13 UNC-2B X 1.5" GRD 8
31	60566	2	PLATE, SEAT TETHER EXTENSION
32	61632	1	PLATE, TRIM - RH
33	46845	2	BRACKET, POD MOUNT-KAB SEAT
34	63210	2	WELD, FOOT PEG
35	664530	1	PLATE, TRIM - LH

OPERATOR CAB

MD4-10 SCREEN & CAMERA MONITOR INSTALLATION



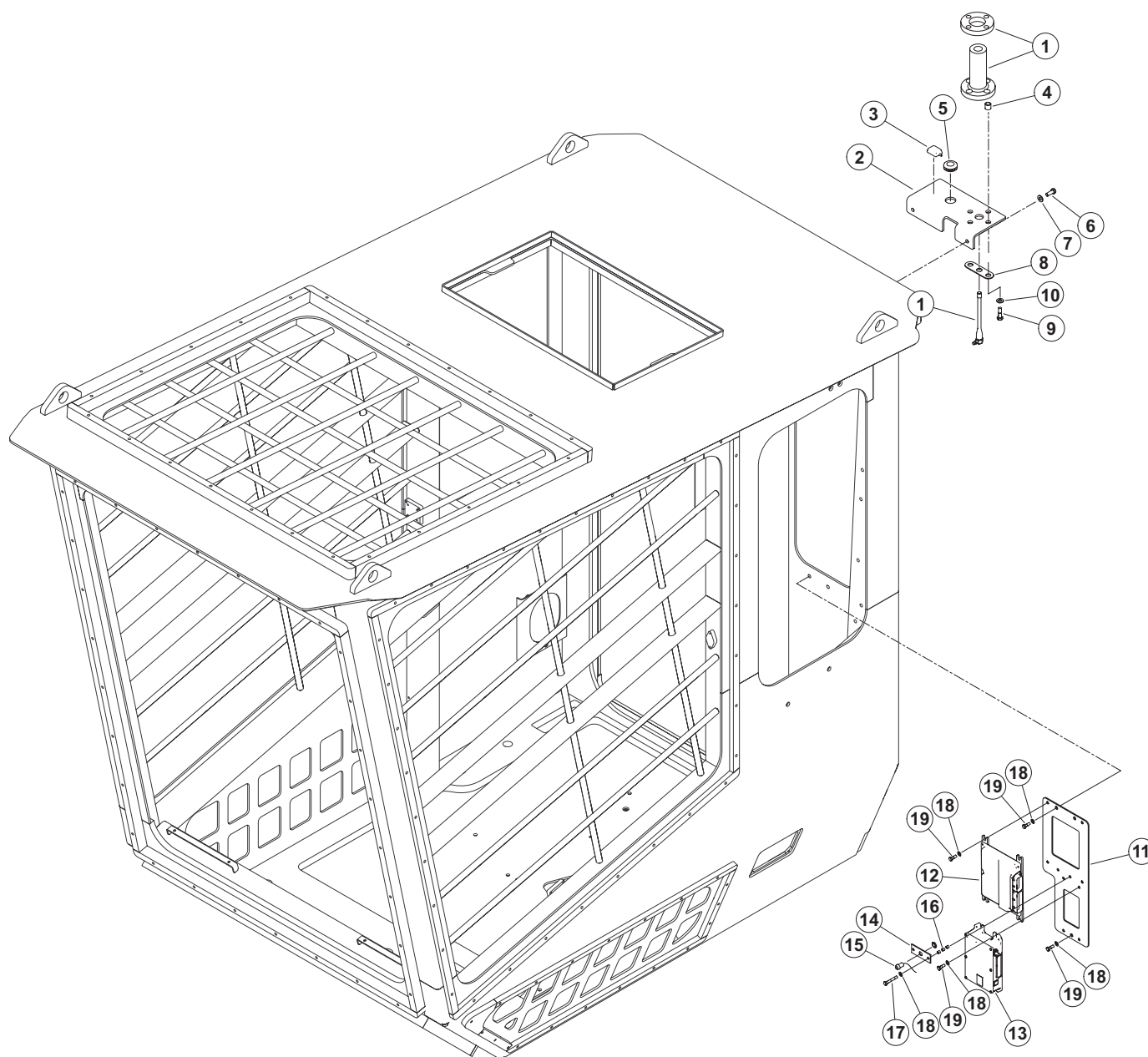
OPERATOR CAB

MD4-10 SCREEN & CAMERA MONITOR INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	57385	1	MODULE, MD4-10 SCREEN
2	57531	1	MOUNT, SCREEN - MD4-10
3	47502	1	PLATE, BEEPER MOUNT: MD4-10 SCREEN
4	(CALL)	4	HEX CAP SCREW GRADE 8.8 M4-0.7 X 16MM
5	(CALL)	4	SAE FLAT WASHER LOW CARBON STEEL #10
6	63611	1	ARM, 8" RAM MT
7	65673	1	DOUBLE BALL ADAPTER, RAM C-SIZE
8	57240	1	MOUNT, RAM BALL - MD4
9	59115	1	MOUNT, MD4-10, CAB PILAR
10	(CALL)	4	TAMPER-PROOF MACHINE SCREW TORX #10-24 X 3/4"
11	52557	1	CAMERA MONITOR
12	65672	1	MONITOR BALL MOUNT
13		4	SCREW
	(CALL)	1	DOUBLE SOCKET ARM ADAPTER WITH MEDIUM & LONG ARMS - B SIZE (INCLUDES ITEMS 14,15 & 16)
14	65674	1	ARM, RAM "B" SIZE X 5" LONG
15	(CALL)	1	DOUBLE BALL ADAPTER
16	63568	1	ARM, RAM MOUNT
17	63567	1	BALL, RAM MOUNT
18	15604	2	BOLT - .25" X .75"
19	10757	2	WASHER, SAE FLAT - .25"
20	666170	1	WELDMENT, GRAB HANDLE
21	10402	2	BOLT - .375" X 1.25"
22	15528	4	WASHER, FLAT .375"
23	11707	2	BOLT - .375" X 1"
24	666200	1	PLATE, SIDE CAMERA ENCLOSURE
25	52557	1	CAMERA, SIDE VIEW
26	666250	1	PLATE, 785 SIDE CAMERA COVER
27	15604	4	BOLT - .25" X .75"
28	10757	4	WASHER, SAE FLAT - .25"

OPERATOR CAB

KOMTRAX COMPONENTS & INSTALLATION



T6085 10/24

OPERATOR CAB

KOMTRAX COMPONENTS & INSTALLATION

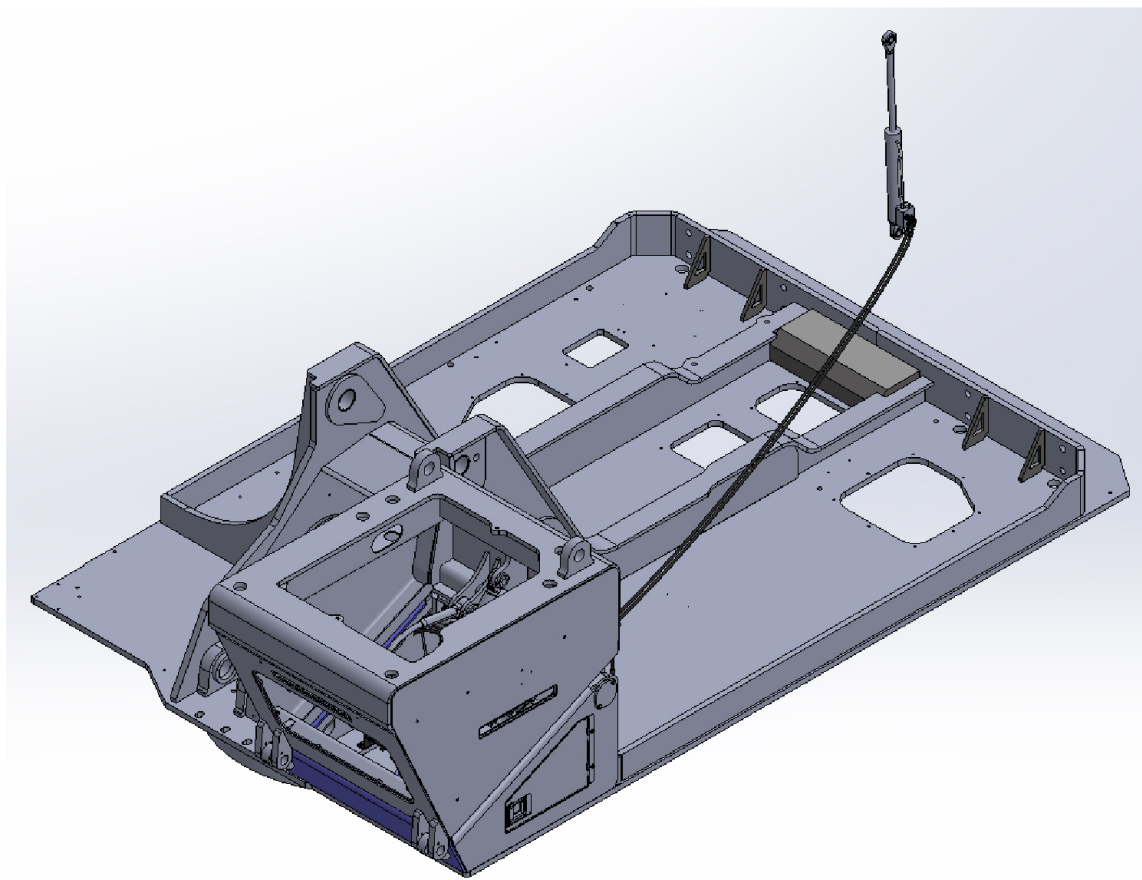
REF	PART #	QTY	DESCRIPTION
1	8A13102100	1	ANTENNA, KOMTRAX
2	665470	1	PLATE, KOMTRAX ANTENNA
3	8A13101320	1	ANTENNA,GPS
4	4A1-06-22890	4	COLLAR
5	4A1-06-22060	1	GROMMET
6	10402	2	BOLT - .375" X 1.25"
7	15528	2	WASHER, SAE FLAT - .375"
8	4A1-06-22910XC	1	PLATE
9	10739	4	BOLT - .5" X 1.5"
10	15534	4	WASHER, SAE FLAT - .5"
11	65331	1	BRACKET, CAB KOMTRAX
12	7835739000	1	CONTROLLER,TRANS
13	7826-25-3309	1	CONTROLLER, TC330
14	(CALL)	1	PLATE, LIGHT
15	12Y-06-39110	1	SYSTEM OPERATING LAMP
16	(CALL)	6	SPACER
17	(CALL)	2	BOLT
18	10757	13	WASHER, SAE FLAT - .25"
19	18309	11	BOLT - .25" X 1.25"

THIS PAGE LEFT BLANK FOR NOTES

[illegible]

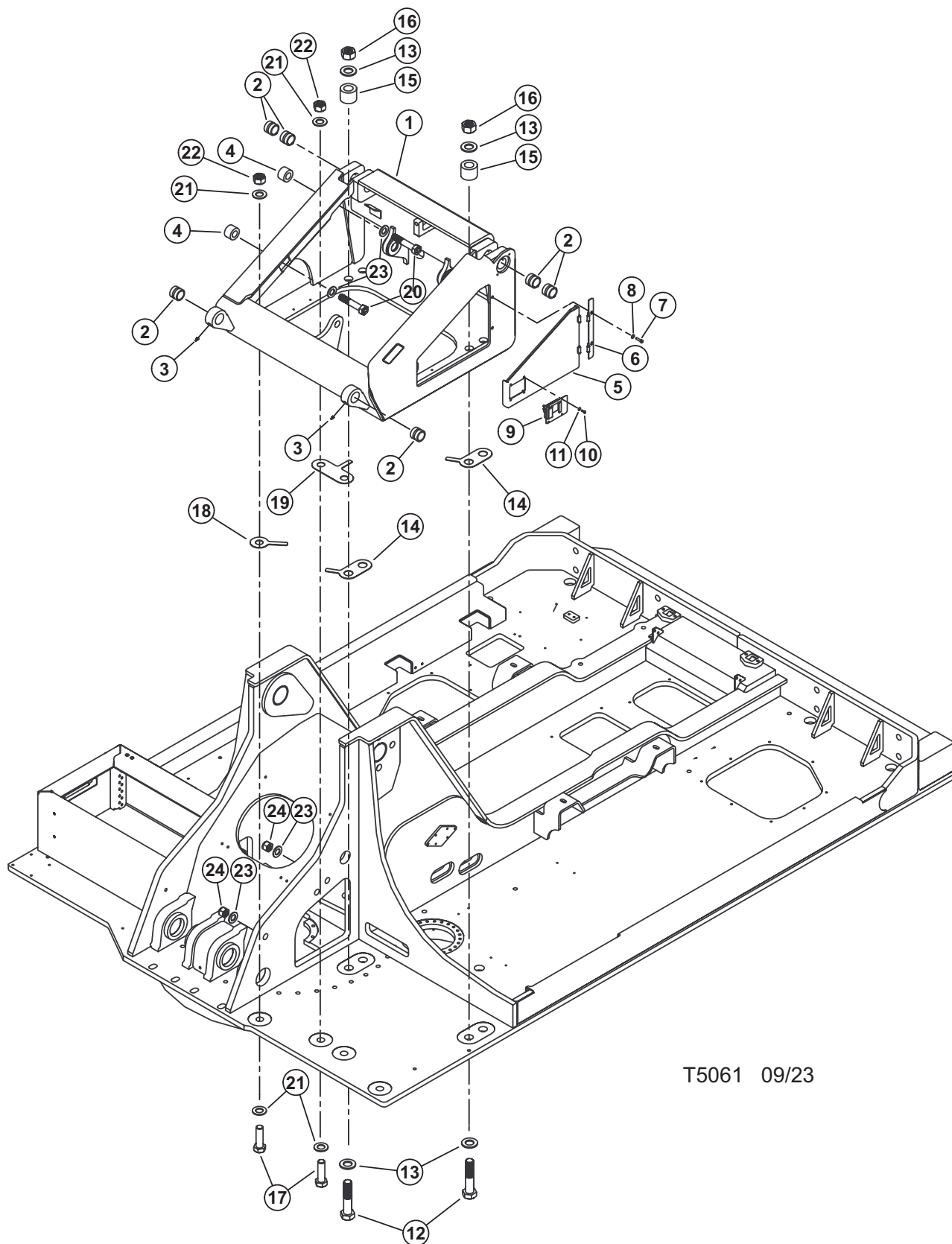
SECTION RH-1

CAB RISER COMPONENTS & INSTALLATION



LOWER CAB RISER

LOWER RISER ASSEMBLY & INSTALLATION



T5061 09/23

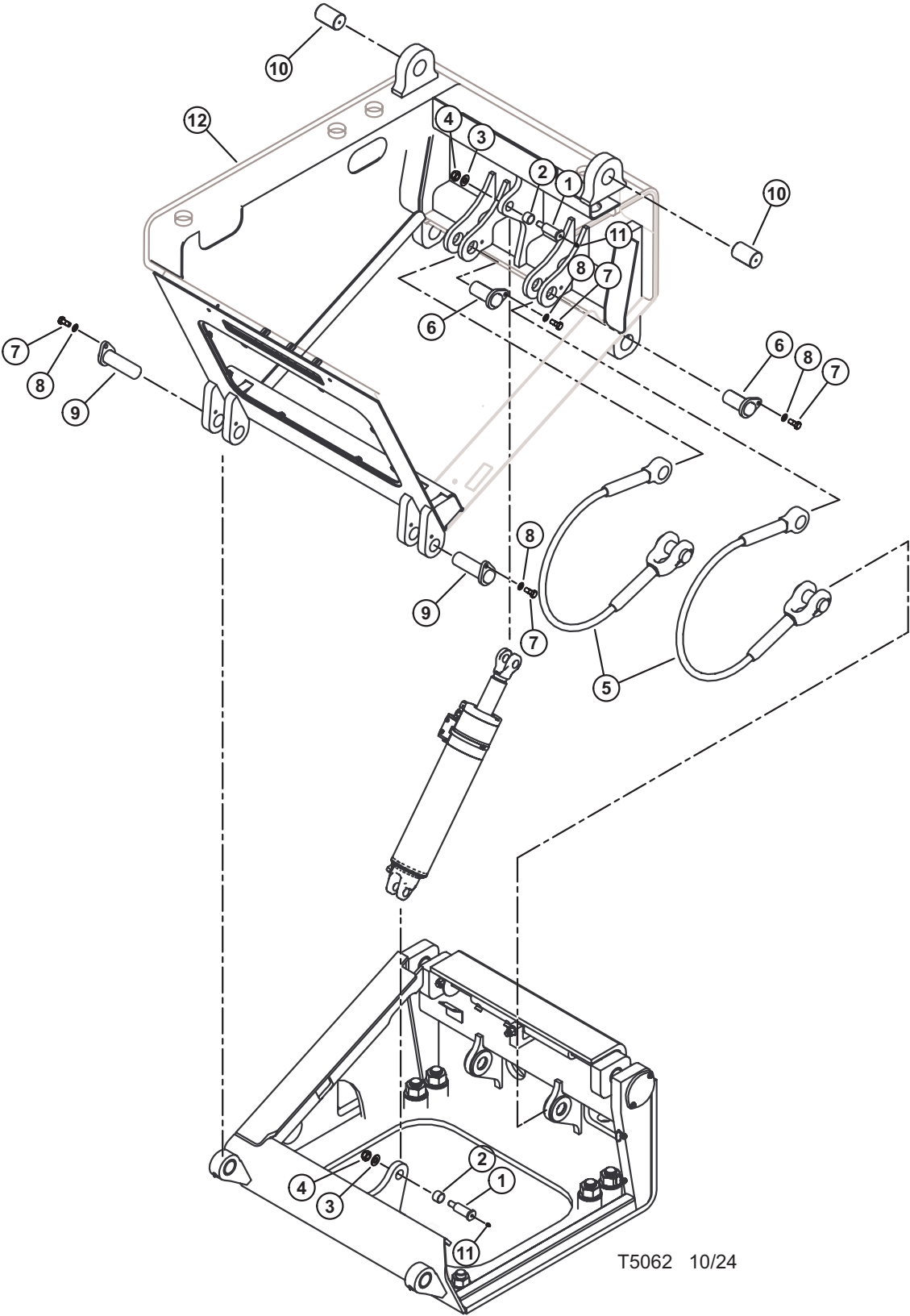
LOWER CAB RISER

LOWER RISER ASSEMBLY & INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	634500	1	WELDMENT, 785 LOWER RISER - MACHINED
2	52795	6	BUSHING - 2" X 2"
3	10704	2	FITTING, GREASE - .125" NPT - STR
4	63473	3	TUBE, 2.75OD X .63W
5	63452	1	WELD, RISER DOOR
6	61655	1	HINGE ASSEMBLY
7	10731	2	BOLT - .375" X 1.5"
8	15528	2	WASHER, SAE FLAT - .375"
9	63508	1	HANDLE, RISER DOOR LATCH - LOG LOADER
10	15604	4	BOLT - .25" X .75"
11	10800	4	WASHER, FLAT - .25" SAE
12	58305	4	BOLT - 1 3/4" - 5 X 8" (GRADE 8)
13	59023	8	WASHER, FLAT - 1.75" (LOG LOADER)
14	61625	2	PLATE, SHIM
15	63475	4	TUBE, 3.50OD x .75W
16	59026	4	NUT, HEX - 1.75" (LOG LOADER)
17	66368	4	BOLT - 1 1/2" - 6 X 6" (GRADE 8)
18	61623	2	PLATE, SHIM
19	61624	1	PLATE, SHIM
20	(CALL)	3	BOLT - 1-1/4"-7 X 10" GRADE 8 PLAIN FINISH
21	(CALL)	8	WASHER, FLAT - 1-1/2" X 3.000" OD LOW CARBON ZINC FINISH STEEL SAE
22	(CALL)	3	NUT - 1-1/2"-6 YELLOW ZINC FINISH GRADE 8 FINISHED
23	(CALL)	6	WASHER, FLAT - 1-1/4" X 2.500" OD LOW CARBON ZINC FINISH STEEL SAE
24	(CALL)	3	NUT, LOCK - 1-1/4"-7 GRADE 8 YELLOW ZINC FINISH NE STEEL NYLON INSERT

LOWER CAB RISER

UPPER RISER COMPONENTS & INSTALLATION



T5062 10/24

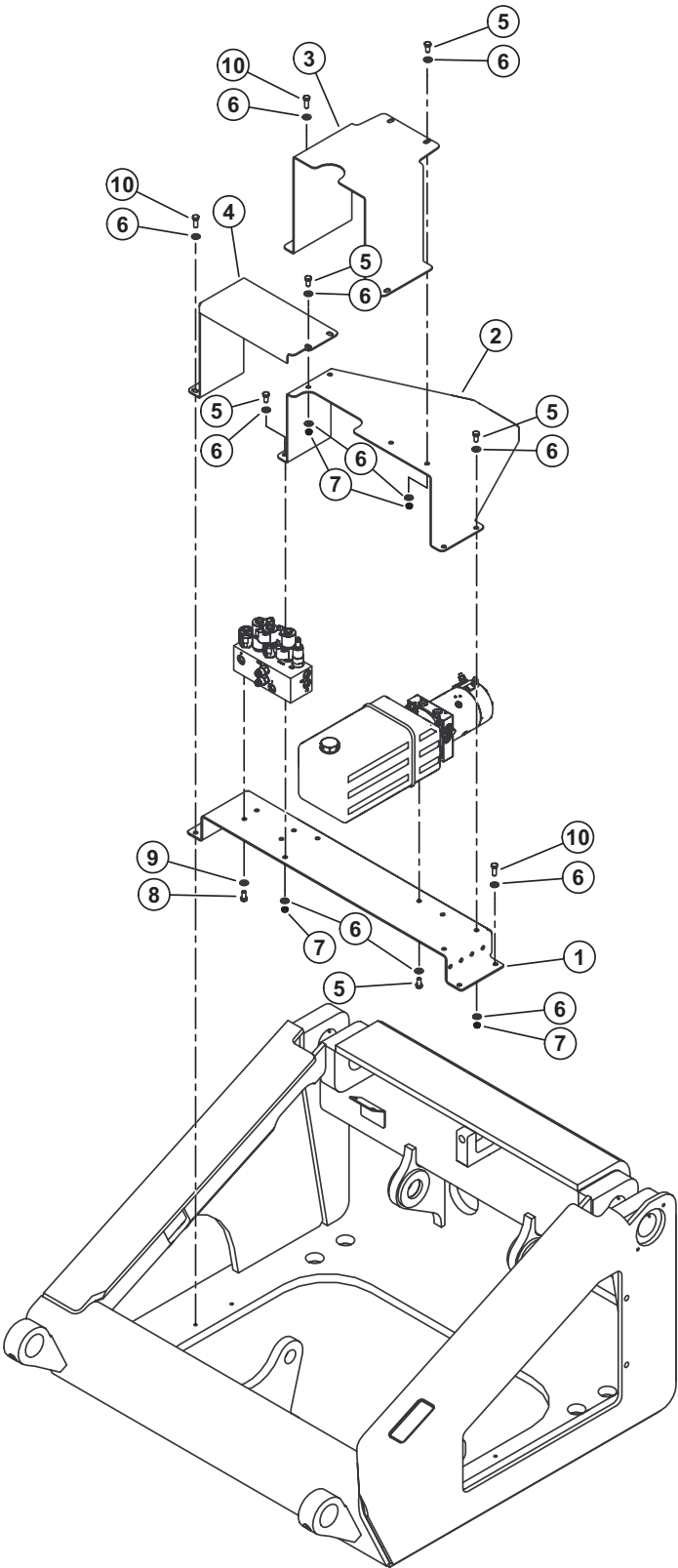
LOWER CAB RISER

UPPER RISER COMPONENTS & INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	63505	2	CAB TILT CYLINDER PIN
2	10708	2	CAB TILT CYLINDER BUSHING
3	10806	2	WASHER, FLAT - .75"
4	10817	2	NUT, LOCK - .75"
5	65586	2	WIRE ROPE ASSEMBLY (INCLUDES LOWER PIN & COTTER PINS)
6	65588	2	UPPER WIRE ROPE PIN ASSY
7	50100	4	BOLT - .5" X 1.25"
8	10804	4	WASHER, FLAT - .5" SAE
9	54121	2	PIN 2.0" DIA X 6.00"
10	63671	2	PIN, ROPS STOP
11	10704	2	FITTING, GREASE - .125" NPT - STR
12	63460	1	WELDMENT, 785 UPPER RISER - MACHINED

LOWER CAB RISER

LIFT PUMP & MANIFOLD INSTALLATION



T5060 10/24

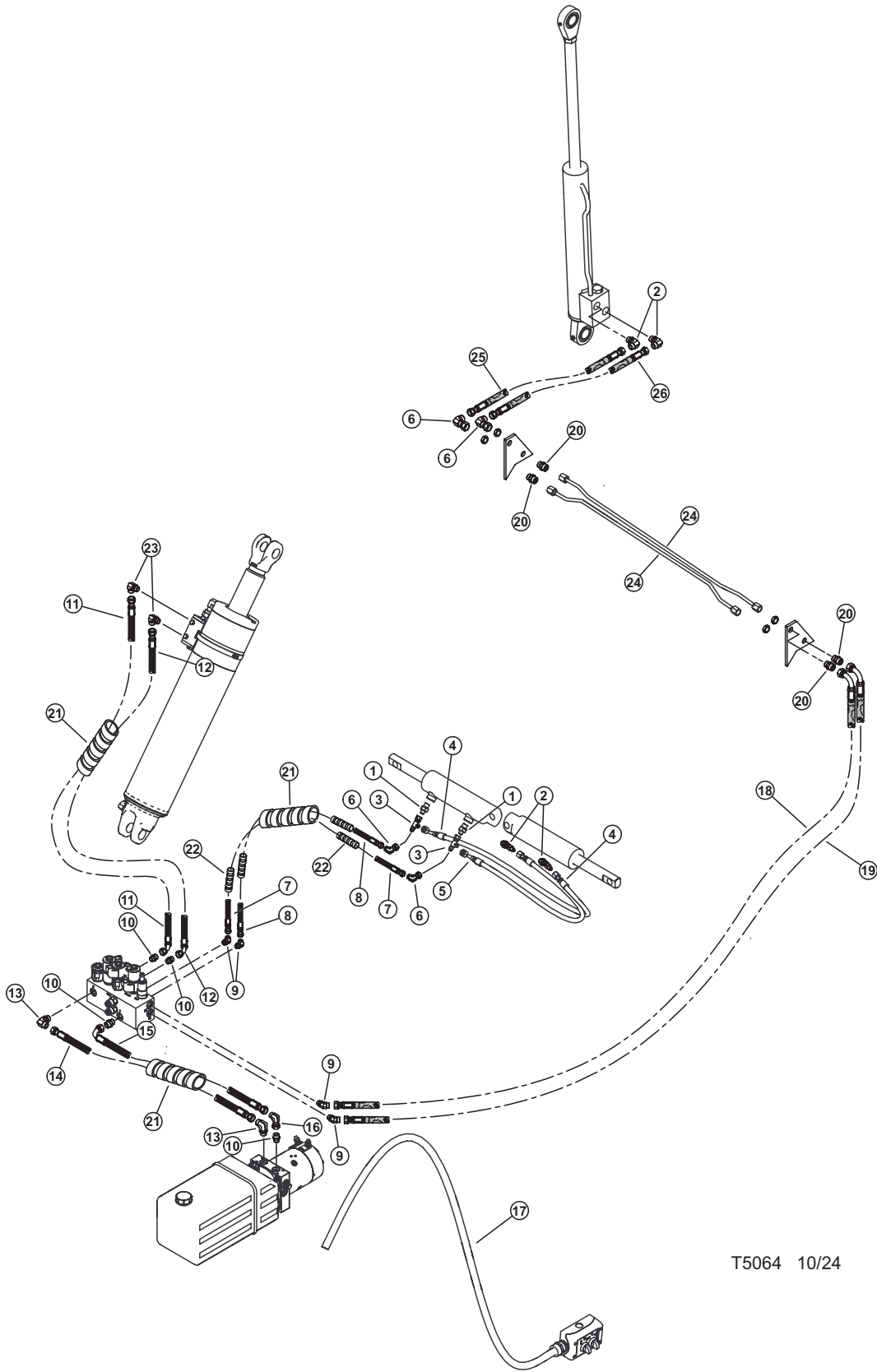
LOWER CAB RISER

LIFT PUMP & MANIFOLD INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	63593	1	PLATE, TILT SYS MTG
2	663490	1	PLATE, TILTPUMP COVER
3	632290	1	PLATE, TILTPUMP COVER
4	656380	1	PLATE, TILT MANIFOLD COVER
5	11707	10	BOLT - .375" X 1.00"
6	10802	22	WASHER, FLAT - .375" SAE
7	10813	8	NUT, LOCK - .375"
8	15605	2	BOLT - .3125" X .75"
9	10801	2	WASHER, FLAT - .3125" SAE
10	15542	6	BOLT - .375" X .75"

RISER HYDRAULICS

RISER/GULLWING DOOR HYDRAULIC SYSTEM ASSEMBLY AND INSTALLATION



T5064 10/24

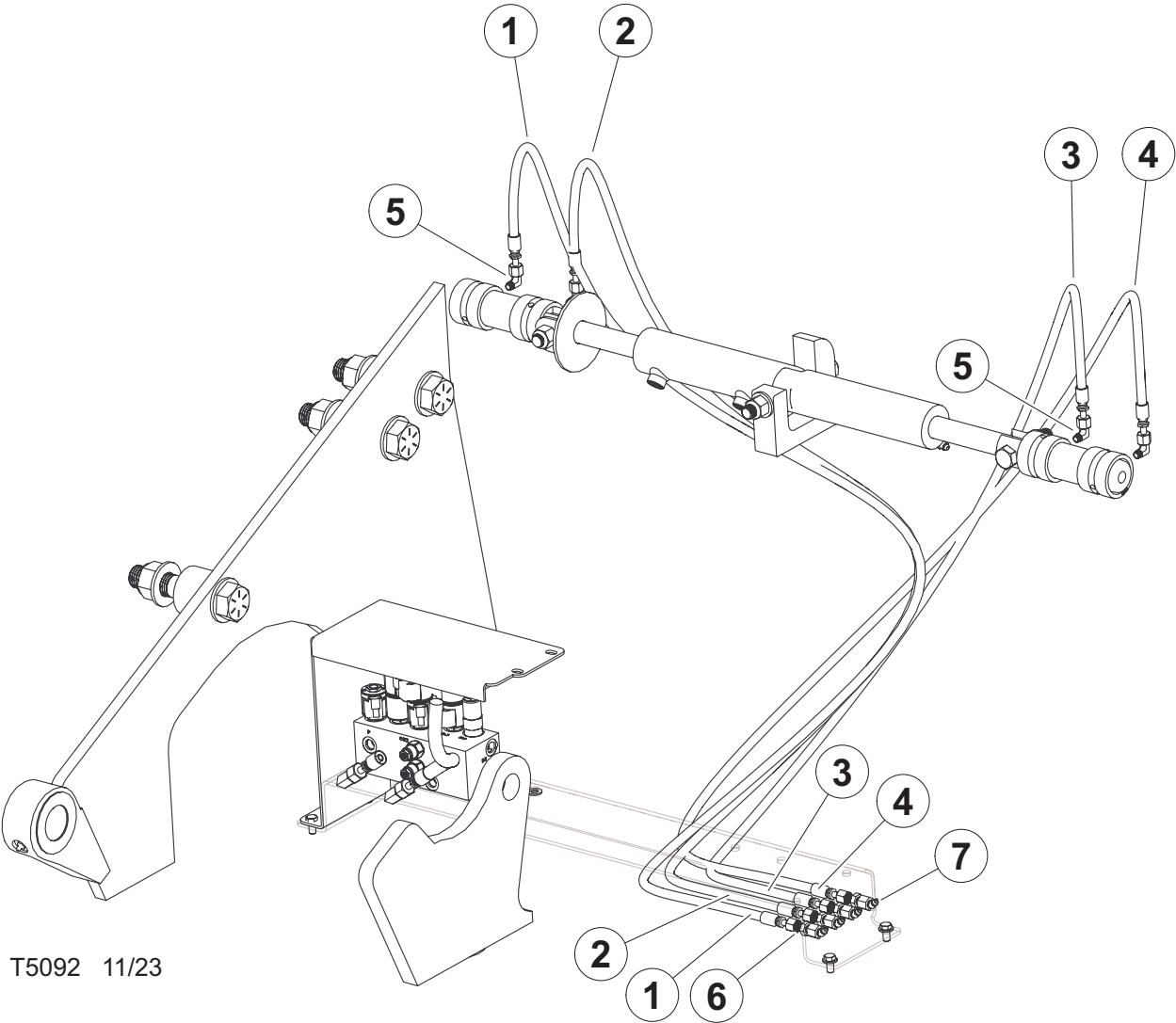
RISER HYDRAULICS

RISER/GULLWING DOOR HYDRAULIC SYSTEM ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	15124	2	CONNECTOR, STR - FF1852T-0406S
2	15133	4	ELBOW, 90 - FF1868T-0406S
3	15176	2	TEE - FF2114T-0404S
4	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC30.5 04-04OS-04O9
5	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC20.5 04-04OS-04O9
6	15145	2	ELBOW, 90 SWIVEL - FF2098T-0404S
7	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC31.5 04-04OS-04OS
8	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC27 04-04OS-04OS
9	17646	4	ELBOW, 45 - FF2068T-0406S
10	18034	4	CONNECTOR, STR - FF1852T-0606S
11	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC65.5 06-06OS-06O4
12	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC63 06-06OS-06O4
13	16296	2	ELBOW, 90 - FF1868T-0606S
14	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC24 06-06OS-06OS
15	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC23 06-06OS-06O9
16	20035	1	ELBOW, 90 SWIVEL - 6 C6LO-S
17	58606	1	PENDANT (CAB TILT)
18	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC194 04-04OS-04O9-W
19	(KIT - 59057)	1	HOSE ASSEMBLY - 387TC194 04-04OS-04O9-W
20	55383	4	FITTING, BULKHEAD - 4 WTX-WLN-S
21	19677	AR	PROTECTOR, HOSE - SPRIAL (1.25")(BULK)
22	20843	AR	PROTECTOR, HOSE - SPRIAL (.78")(BULK)
23	18034	2	ELBOW, 90 - FF1868T-0606S
24	57337	2	TUBELINE, CANOPY CYL BULKHEAD
25	(See Description)	1	Gullwing Lift Pump Hose (Supplier Hose Part #: 387TC 16-04 04JS-04JS-SW)
26	(See Description)	1	Gullwing Lift Pump Hose (Supplier Hose Part #: 387TC 18-04 04JS-04JS-SW)

RISER HYDRAULICS

LOCK CYLINDER GREASE LINES



T5092 11/23

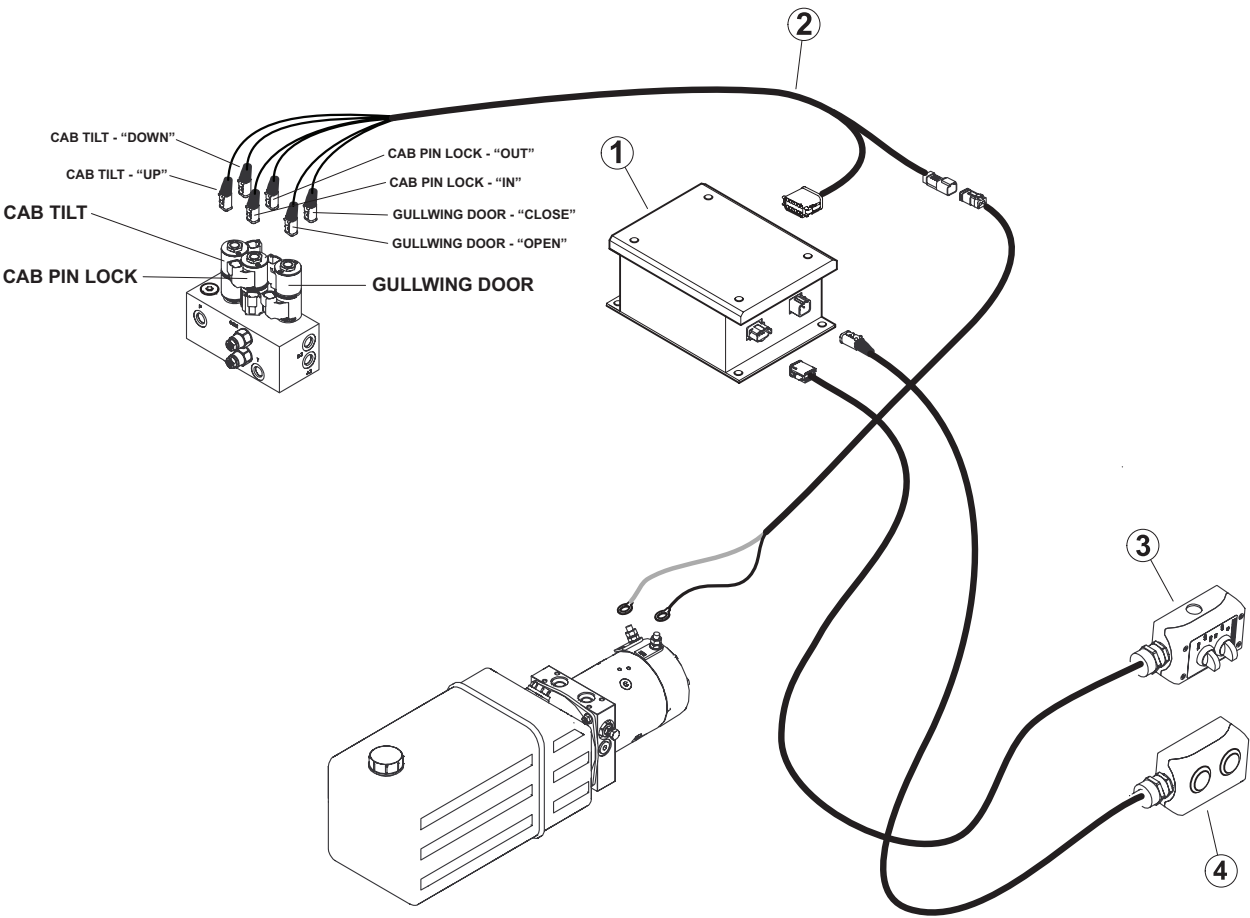
RISER HYDRAULICS

LOCK CYLINDER GREASE LINES

REF	PART #	QTY	DESCRIPTION.
1	(KIT - 59057)	1	HOSE ASSEMBLY - HLBD77 02-02PS-04JS
2	(KIT - 59057)	1	HOSE ASSEMBLY - HLBD74 02-02PS-04JS
3	(KIT - 59057)	1	HOSE ASSEMBLY - HLBD65 02-02PS-04JS
4	(KIT - 59057)	1	HOSE ASSEMBLY - HLBD68 02-02PS-04JS
5	(CALL)	4	90 DEGREE ELBOW CONNECTOR, 1/8 NPTF MALE
6	15658	4	CONNECTOR, STR BULKHEAD - 2239-2-4S
7	15683	4	FITTING, GREASE - .125 NPT - 45

RISER HYDRAULICS

CAB TILT, PIN LOCK & GULLWING DOOR CONTROL



T6004 11/23

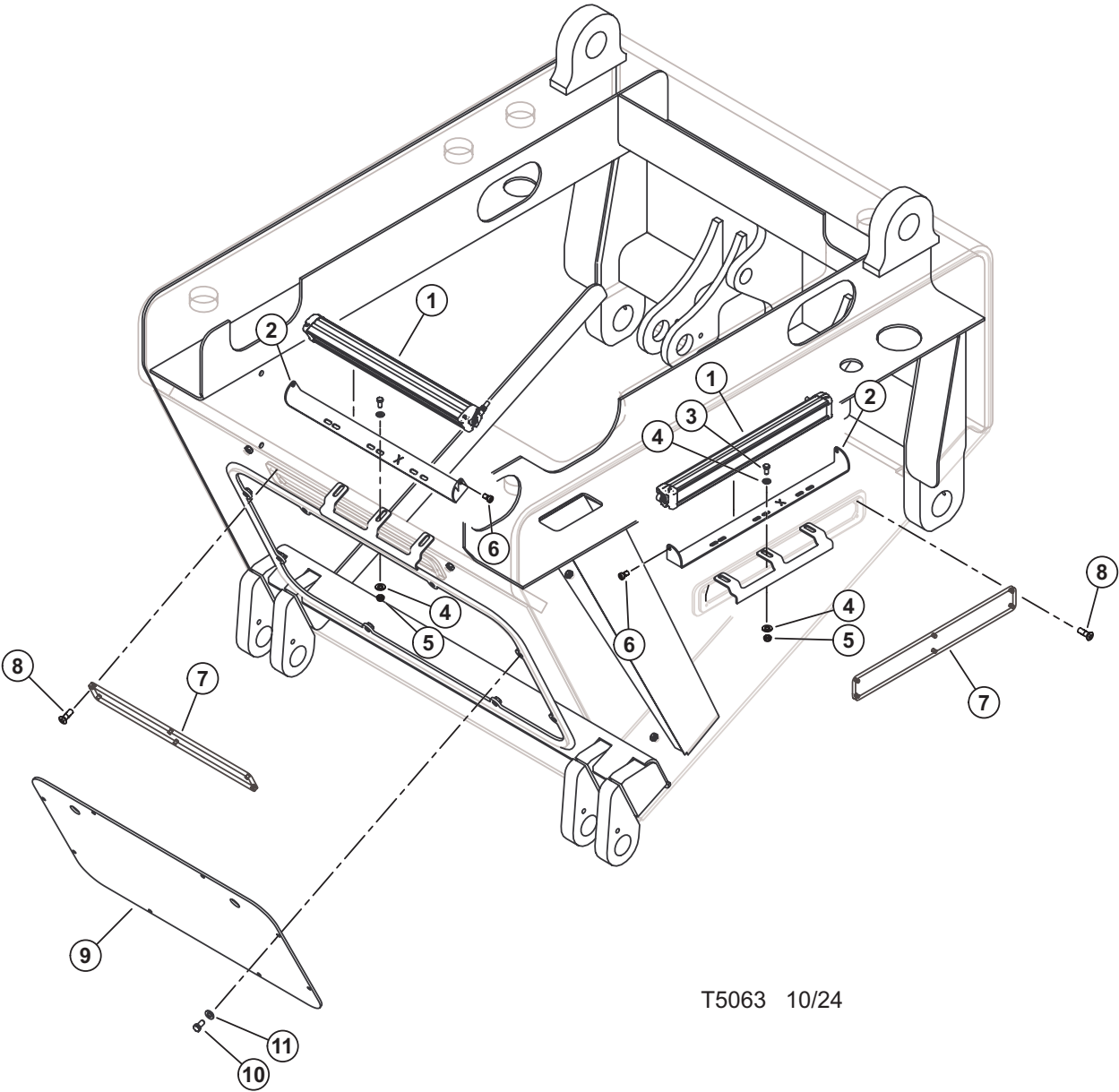
RISER HYDRAULICS

CAB TILT, PIN LOCK & GULLWING DOOR CONTROL

REF	PART #	QTY	DESCRIPTION
1	(CALL)	1	CONTROL BOX
2	61356	1	ELECTRICIAL HARNESS
3	58606	1	PENDANT, CAB TILT
4	58340	1	PENDANT, GULLWING DOOR

UPPER RISER

WORK LIGHT & COVER INSTALLATION



T5063 10/24

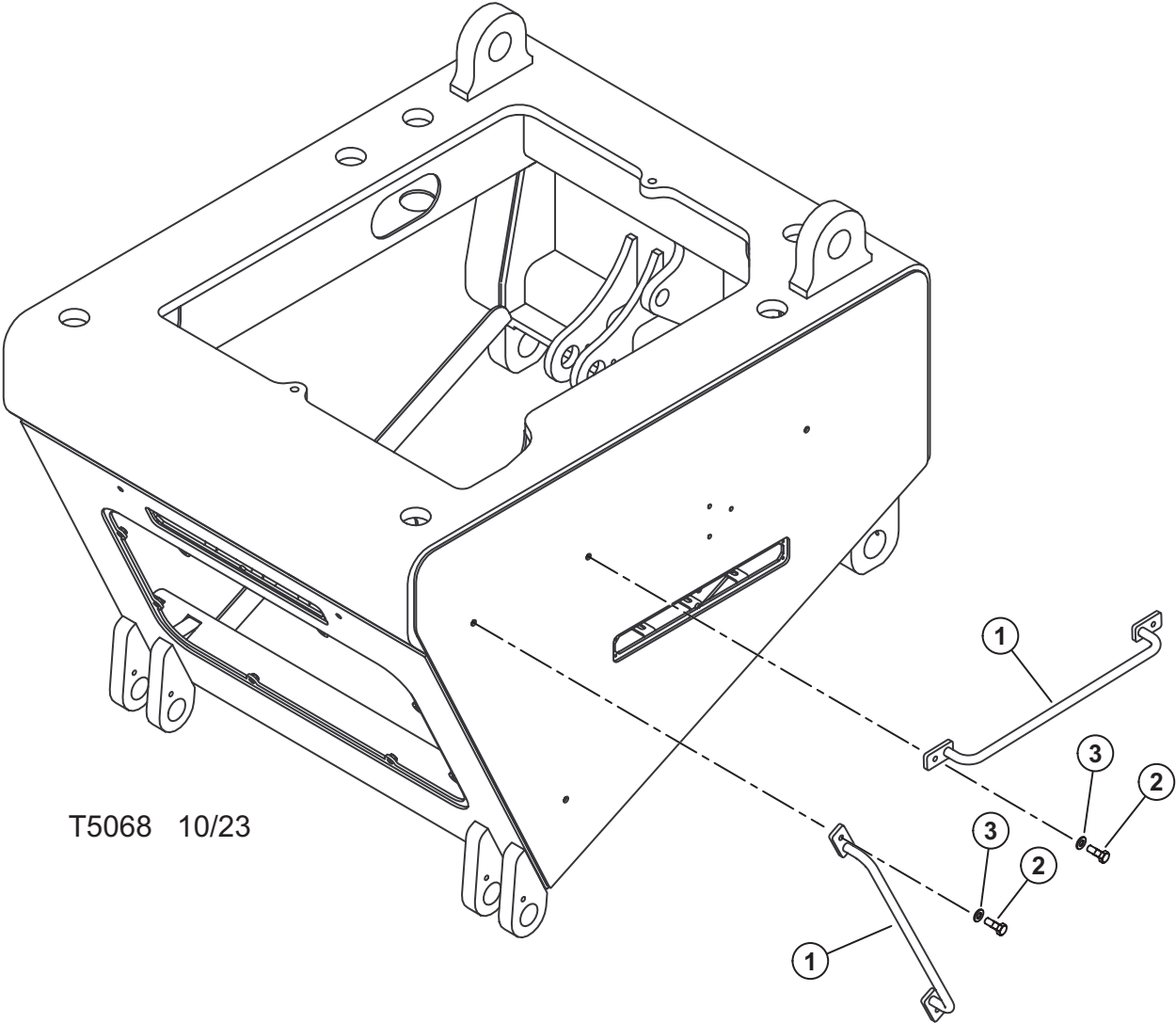
UPPER RISER

WORK LIGHT & COVER INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	59047	2	LIGHT BAR, 15LED (VISIONX)
2	61555	2	PLATE, 15LED MT, VISIONX
3	15576	6	BOLT - .25" X 1.00"
4	10800	12	WASHER, FLAT - .25" SAE
5	15509	6	NUT, NYLOCK - .25"
6	(CALL)	4	BOLT - M10 X 20
7	49335	2	LEXAN, LIGHT GUARD
8	15604	12	BOLT (BUTTON HEAD) - .25" X .75"
9	644720	1	COVER, ACCESS
10	15542	8	BOLT - .375" X .75"
11	10802	8	WASHER, FLAT - .375" SAE

UPPER RISER

GRAB HANDLE INSTALLATION



T5068 10/23

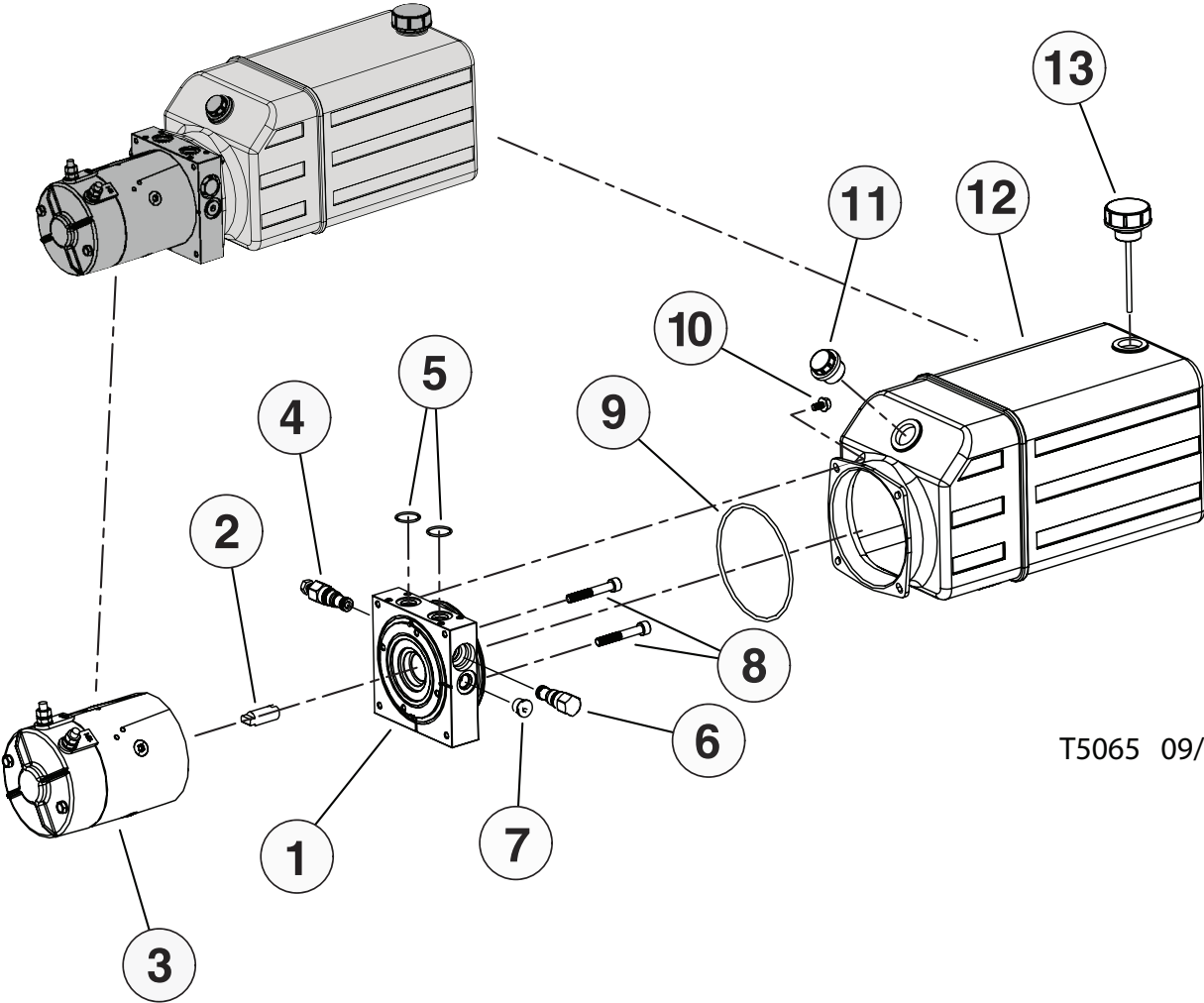
UPPER RISER

GRAB HANDLE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	63540	2	WELDMENT, GRAB HANDLE - LOG LOADER
2	10402	4	BOLT - .375" X 1.25"
3	10802	4	WASHER, FLAT - .375"

RISER HYDRAULICS

RISER/GULLWING DOOR LIFT PUMP



T5065 09/23

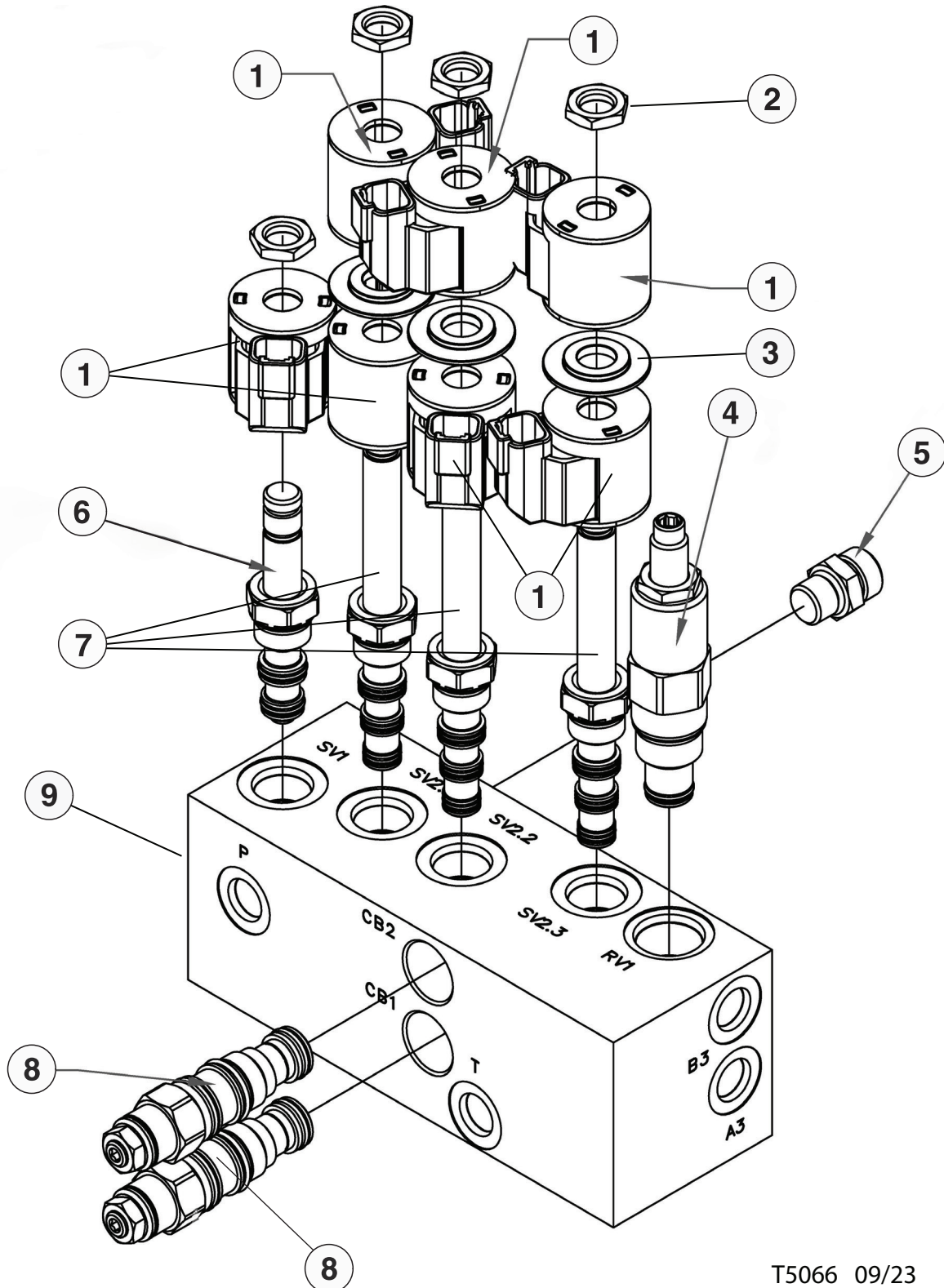
RISER HYDRAULICS

RISER/GULLWING DOOR LIFT PUMP

REF	PART #	QTY	DESCRIPTION
	58602	1	PUMP, POWER UNIT - GULL WING/CAB LOG LOADER
1	DU00031802	1	FLANGE COVER
2	DU00031806	1	KEY
3	11218261	1	MOTOR
4	RDBA-FWN	1	RELIEF VALVE
5	N70-020	2	O-RING
6	CXBA-XCN	1	RELIEF VALVE
7	6409-6-O	2	PLUG
8	M8C55HC129	2	BOLT
9	N70-246	1	O-RING
10	M6H12FHS109BP	4	FASTENER
11	DS_PLUG	1	PLUG
12	DS-6L-120	1	TANK
13	DS_BREATHER	1	BREATHER

RISER HYDRAULICS

RISER / GULLWING DOOR HYD. MANIFOLD



T5066 09/23

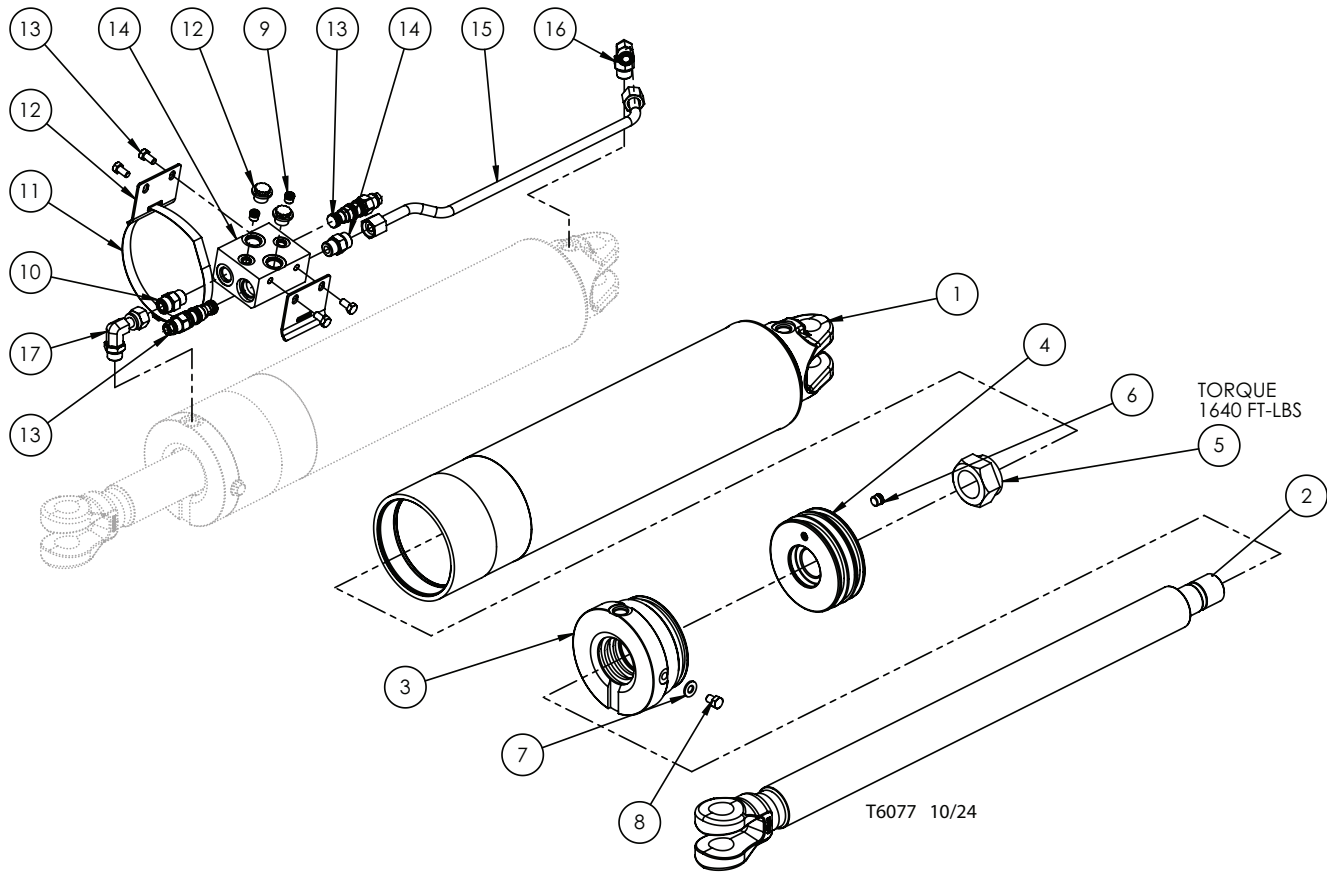
RISER HYDRAULICS

RISER / GULLWING DOOR HYD. MANIFOLD

REF	PART #	QTY	DESCRIPTION
	58601	1	MANIFOLD, RISER/CLAM TILT ASSY.
1	4303624	7	COIL 24V
2	-	4	COIL NUT
3	-	3	COIL SPACER
4	CR 10-28A-O-N-30/30	1	PRESSURE RELIEF VALVE
5	1106k-06	1	CHECK VALVE
6	SVOB-30-0-N-00	1	DIRECTIONAL CONTROL VALVE
	(CALL)	1	SEAL KIT (SVOB-30-0-N-00)
7	SVOB-47D-0-N-00	1	DIRECTIONAL CONTROL VALVE
	(CALL)	3	SEAL KIT (SVOB-47D-0-N-00)
8	CBCH-LDN	2	COUNTER BALANCE VALVE
	(CALL)	2	SEAL KIT (CBCH-LDN)
9	220070701-40	1	MANIFOLD BLOCK - ALUMINUM

RISER HYDRAULICS

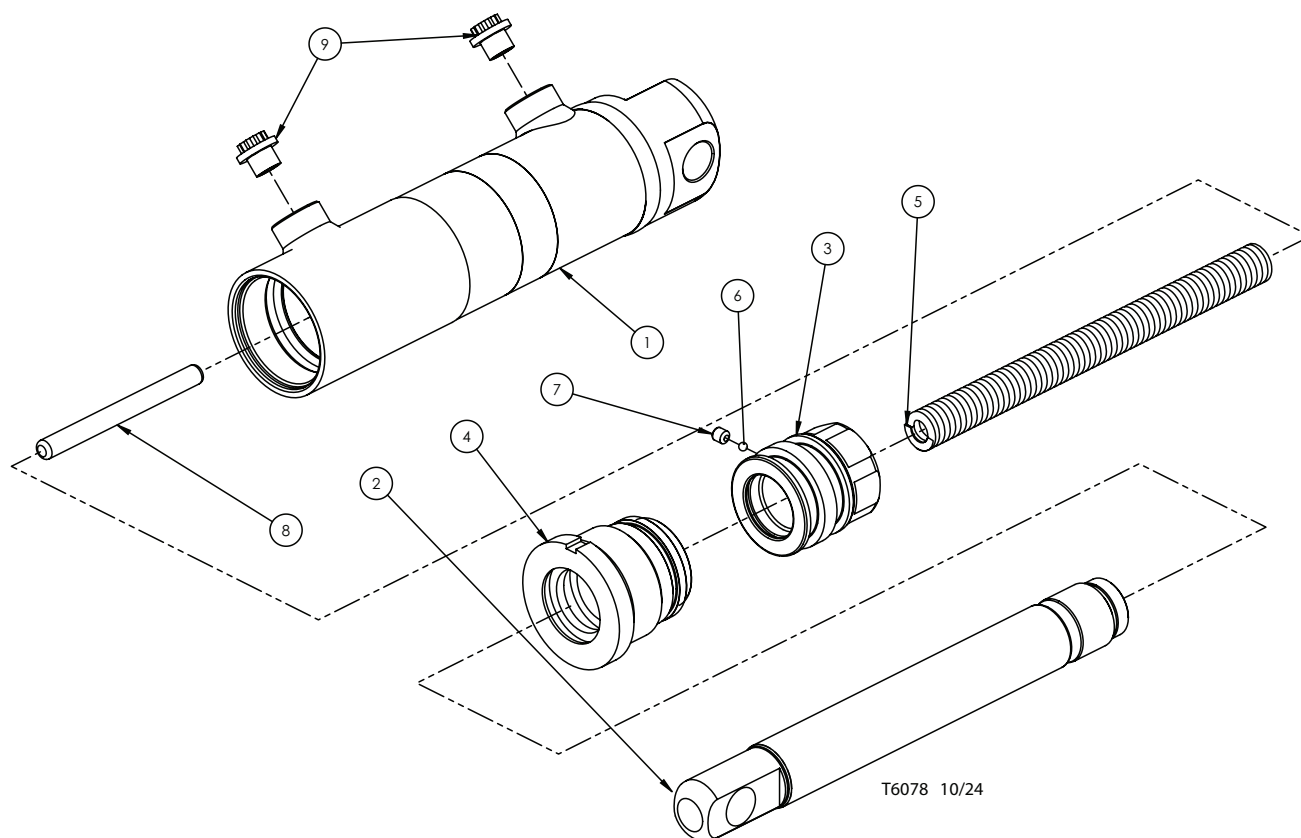
CAB TILT CYLINDER



REF	PART #	QTY	DESCRIPTION	SEE SECTION
	63458	1	CYLINDER, CAB TILT LOG LOADER	
1	TP500100	1	BARREL ASSEMBLY	
2	TP500105	1	ROD	
3	SF500108	1	GLAND	
4	SF500109	1	PISTON	
5	LNUT 2412	1	LOCK NUT	
6	22S - S05	1	PLUG	
7	FLAT 06	1	WASHER	
8	HHCS 06-16-0.5	1	BOLT	
9	22S - S04	1	PLUG	
10	8 F5OLO-S	2	FITTING	
11	62029	1	CLAMP	
12	RPO-108	1	PLUG	
13	CBCA-LHN - 1000	2	CARTRIDGE	
14	8 F5OLO-S	1	FITTING	
15	TP500116	1	TUBE ASSEMBLY	
16	8 C5OLO-S	1	FITTING	
17	8 AOEL6-S	1	FITING	
	SF5023SK	1	SEAL KIT	

RISER HYDRAULICS

RISER CYLINDER, CYLINDER, CAB PIN LOCK



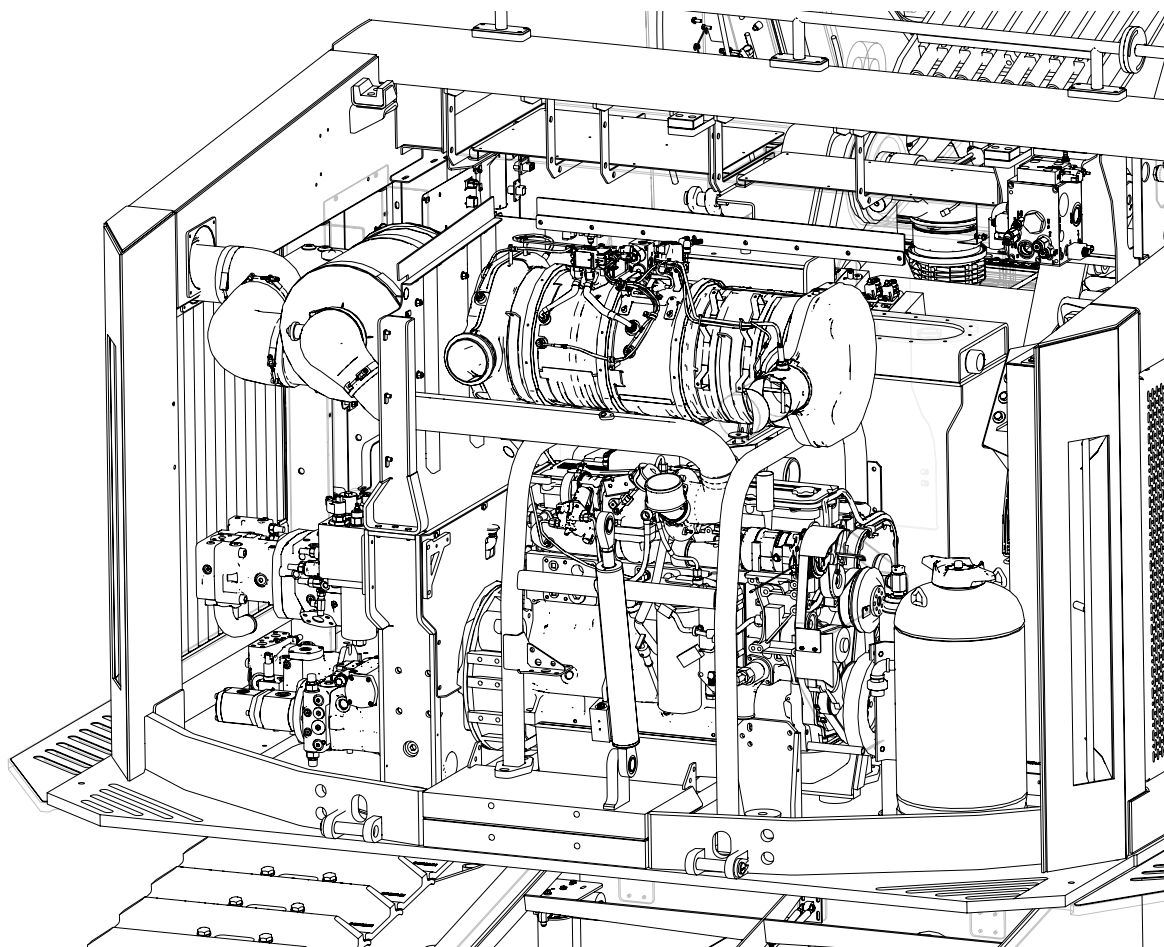
REF	PART #	QTY	DESCRIPTION	SEE SECTION
	63459	1	CYLINDER, CAB PIN LOCK	
1	TP200100	1	BARREL ASSEMBLY	
2	TP200106	1	ROD	
3	TP200109	1	PISTON	
4	3879A	1	GLAND	
5	302-448-D	1	SPRING	
6	BALL M4	1	STEEL BALL	
7	SHSS 04-28-0.25	1	SET SCREW	
8	DWL 06X4.00	1	DOWEL PIN	
9	RPO-106	2	SHIPPING PLUG	
	1843SK	1	SEAL KIT	

THIS PAGE LEFT BLANK FOR NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

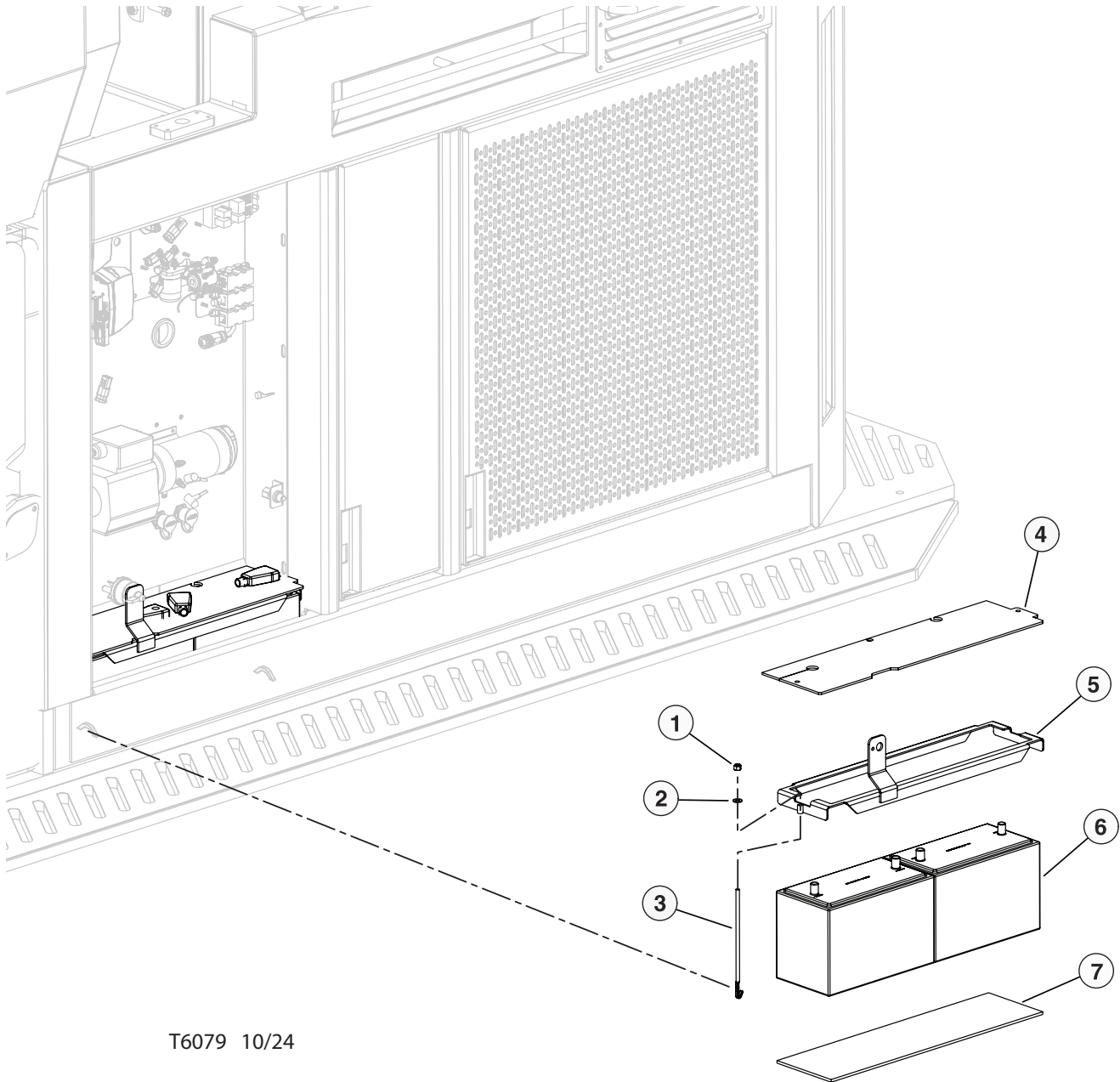
SECTION ES-1

ENGINE ELECTRICAL SYSTEM



ENGINE ELECTRICAL SYSTEM

BATTERY INSTALLATION

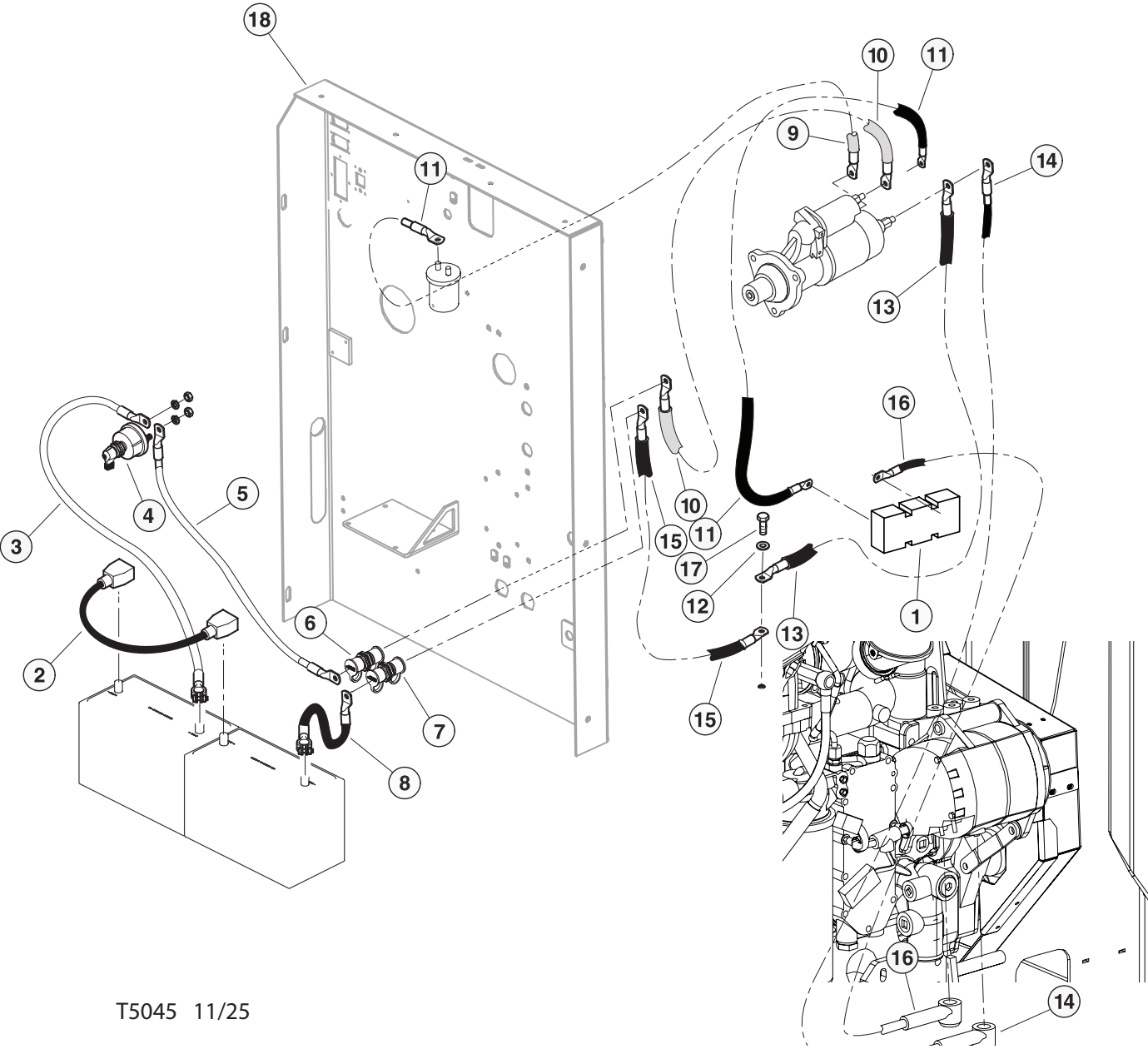


T6079 10/24

REF	PART #	QTY	DESCRIPTION
1	10788	2	NUT, NYLOCK - .3125"
2	15559	2	WASHER, SAE FLAT - .3125"
3	51722	1	HOLD DOWN, BATTERY - (2 PER PACK)
4	46564	1	RUBBER, ISOLATOR - BATT COVER
5	45537	1	BRACKET, BATTERY HOLD DOWN
6	17150	2	BATTERY, HEAVY DUTY
7	45720	1	RUBBER, ISOLATOR - BATTERY HOLD DOWN

ENGINE ELECTRICAL SYSTEM

BATTERY CABLE INSTALLATION



T5045 11/25

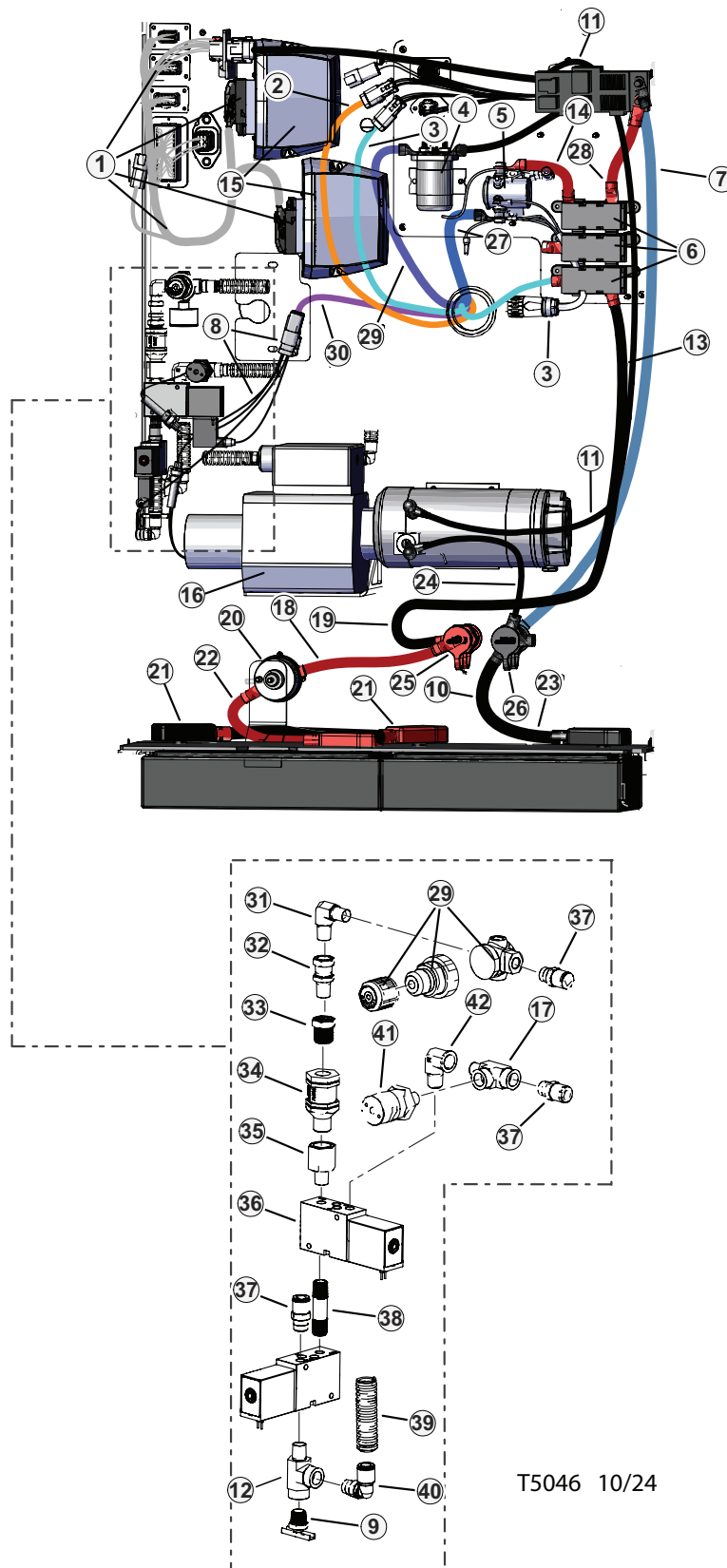
ENGINE ELECTRICAL SYSTEM

BATTERY CABLE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	22247	1	HOLDER, FUSE - MEGA
2	24300	1	CABLE, BATTERY POS/NEG JUMPER
3	55334	1	CABLE, BATTERY POSITIVE TO MASTER DISCONNECT
4	25200	1	SWITCH, MASTER SHUT-OFF (1/2" STUD)
5	55333	1	CABLE, MASTER DISCONNECT TO POWER + STUD
6	54643	1	STUD, THRU BATTERY CABLE POSITIVE +
7	54642	1	STUD, THRU BATTERY CABLE 1/2" NEGATIVE -
8	55337	1	CABLE, BATTERY to GROUND STUD
9	57517	1	CABLE, START RELAY TO STARTER
10	59140	1	CABLE, BATTERY - POSITIVE - 179"
11	55332	1	CABLE, BATTERY - POSITIVE - 26"
12	15534	1	WASHER, FLAT - .5"
13	55328	1	CABLE, UPPER FRAME GROUNDING BOLT TO STARTER GROUND - 46"
14	57922	1	CABLE, BATTERY - NEGATIVE - 30.5"
15	55329	1	CABLE, GROUND - 54"
16	57921	1	CABLE, BATTERY - 28"
17	10783	1	BOLT - .5" X 1.00"
18	625380	1	WELDMENT, ELECTRICAL PANEL - LL

ENGINE ELECTRICAL SYSTEM

CONTROL PANEL COMPONENTS, FILL PUMP, GULL WING LIFT PUMP HARNESS

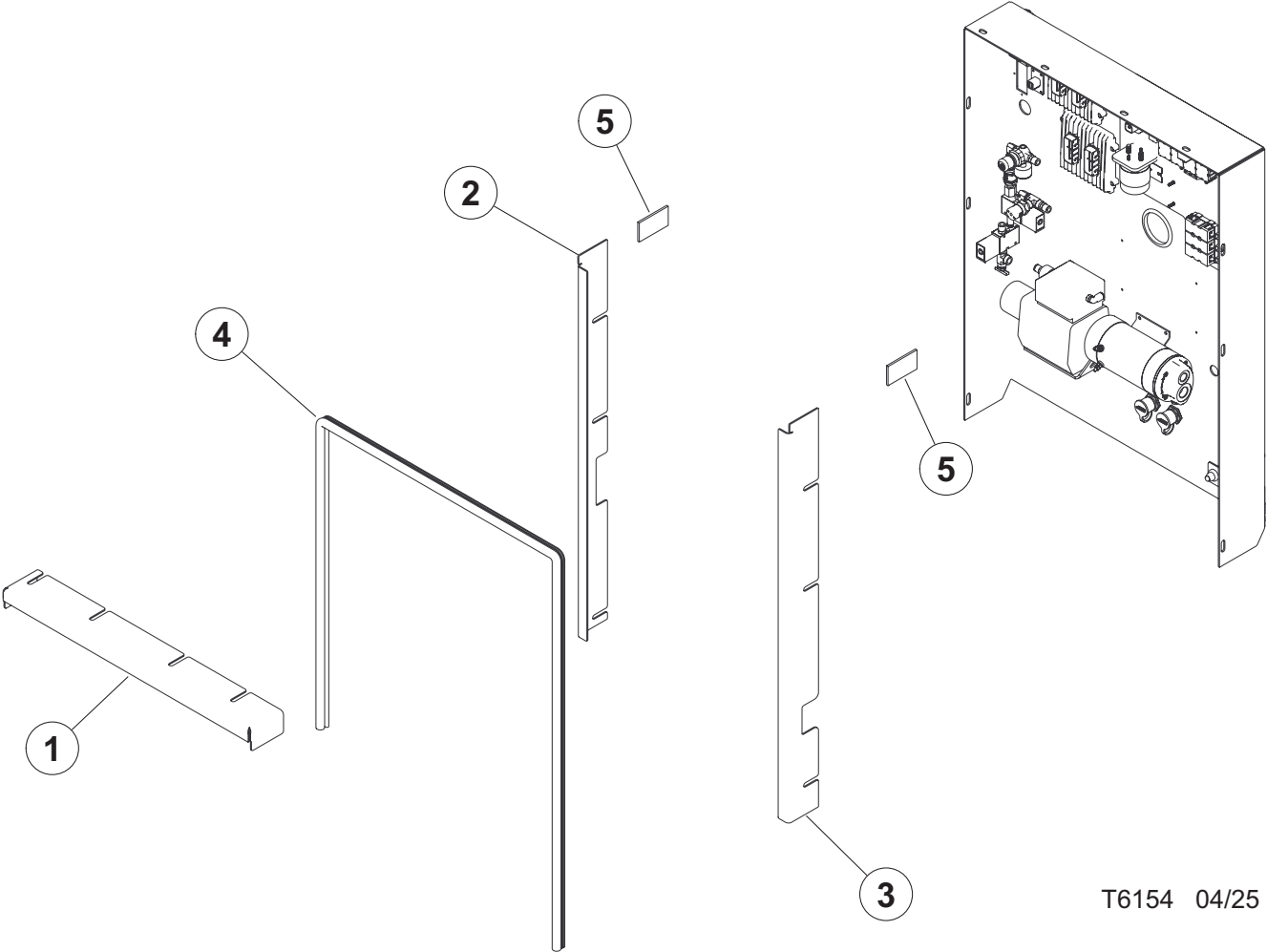


ENGINE ELECTRICAL SYSTEM

CONTROL PANEL COMPONENTS, FILL PUMP, GULL WING LIFT PUMP HARNESS

REF	PART #	QTY	DESCRIPTION
1	57934	1	HARNESS, XA2 MODULES - D SERIES
2	57592	1	HARNESS, GEARBOX OIL COOLER
3	59028	1	HARNESS, LogLoader Cab Power
4	25117	1	RELAY, STARTER - 24 volt (WHITE/ROGERS)
6	23619	3	FUSE, 100 AMP - MEGA (cab power supply, gull wing lift pump, grid heater, alternator)
7	(CALL)	1	CABLE, GROUND
8	55193	1	HARNESS, VAC VENT FILL
9	15650	1	VALVE, TANK VENT - DC602-6
10	55337	1	CABLE, BATTERY - NEGATIVE - 9"
11	(CALL)	1	CABLE, FILL PUMP
12	10393	1	TEE - 1/4 MRO
13	(CALL)	1	CABLE, POSITIVE
14	(CALL)	1	CABLE, POSITIVE
15	53095	2	MODULE, XA2 - IQAN
16	51615	1	PUMP, VACUUM - HYD TANK
17	10393	1	TEE - 1/4 MRO
18	55333	1	CABLE, BATTERY-POSITIVE - 10"
19	(CALL)	1	CABLE, POSITIVE
20	25200	1	SWITCH, MASTER SHUT-OFF(1/2" STUD)
21	24300	1	CABLE, BATTERY POS/NEG JUMPER
22	55334	1	CABLE, BATTERY - POSITIVE - 14"
23	57510	1	CABLE, GROUND
24	(CALL)	1	CABLE, NEGATIVE
25	54643	1	STUD, THRU BATTERY CABLE POSITIVE +
26	54642	1	STUD, THRU BATTERY CABLE 1/2" NEGATIVE -
27	57392	4	CABLE, GRID HEATER FUSE
28	(CALL)	1	CABLE, POSITIVE
29	15649	1	REGULATOR, TURBO BOOST
30	59027	1	HARNESS, LOGLOADER XA2 AND ENGINE TO CAB
31	55205	1	FITTING, ELBOW - 6 CTX-S
32	11331	1	CONNECTOR, STR SWIVEL - 1404-4-4
33	11318	1	BUSHING, REDUCER - 5406-6-4
34	15652	1	VALVE, CHECK - HYDRAULIC/FUEL
35	52145	1	ADAPTER, EXPANDER - 3/8 X 1/4 FG-S
36	51616	2	VALVE, 3-WAY VACUUM PUMP
37	52506	2	CONNECTOR, STR - PUSH HOSE - 1/4" VACUUM
38	16314	1	NIPPLE, PIPE - .25" X 2"
39	51738	LF (10 FT.)	HOSE, VACUUM PUMP 3/8" PUSH ON
40	51739	1	CONNECTOR, ELBOW -PUSH ON (VACUUM) (1/4")
41	51737	1	SWITCH, PRESSURE - VACUUM PUMP (HYD TANK
42	21147	1	ELBOW, 90 STREET .25" NPT - BRASS

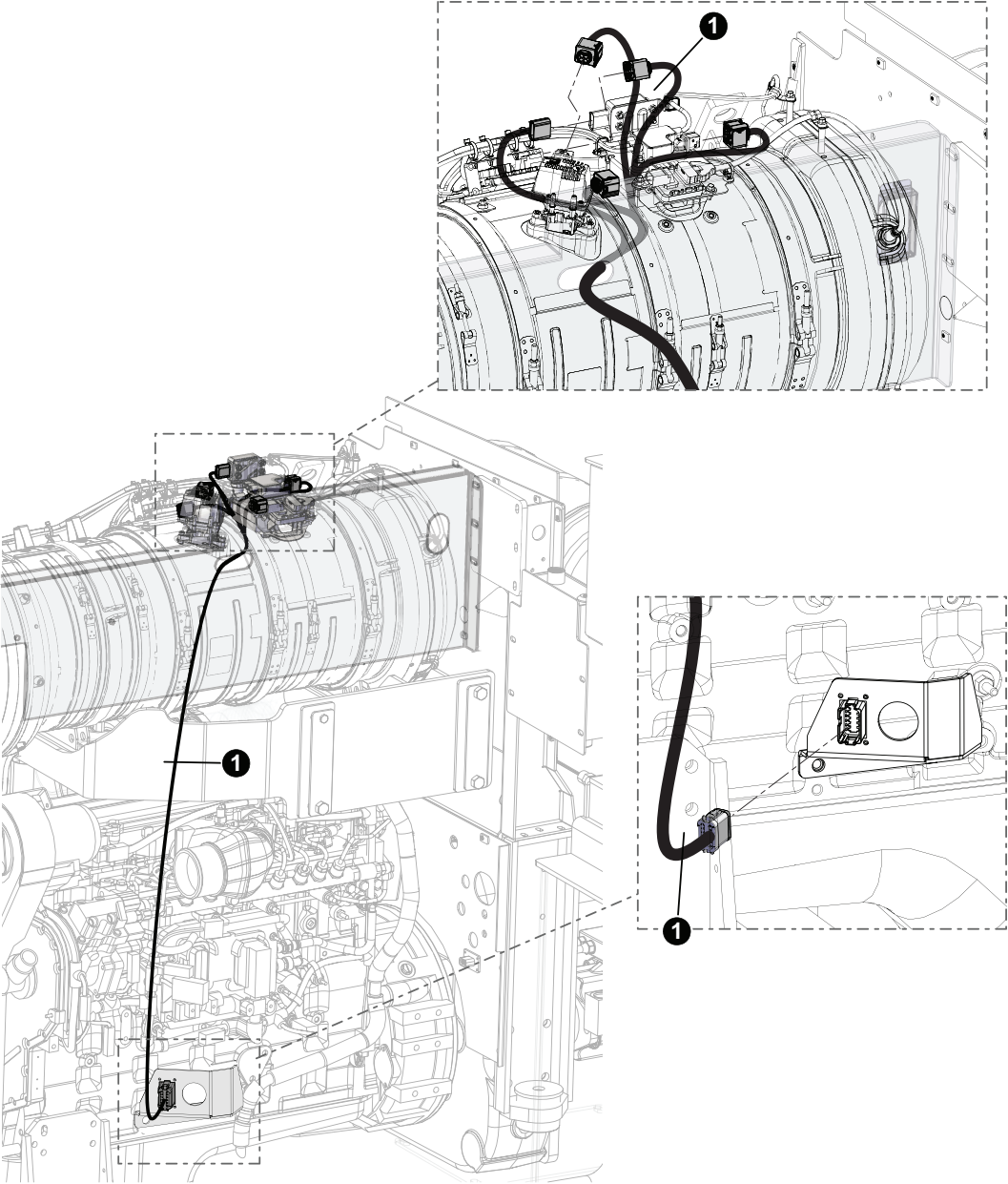
ENGINE ELECTRICAL SYSTEM
CONTROL PANEL SEAL



T6154 04/25

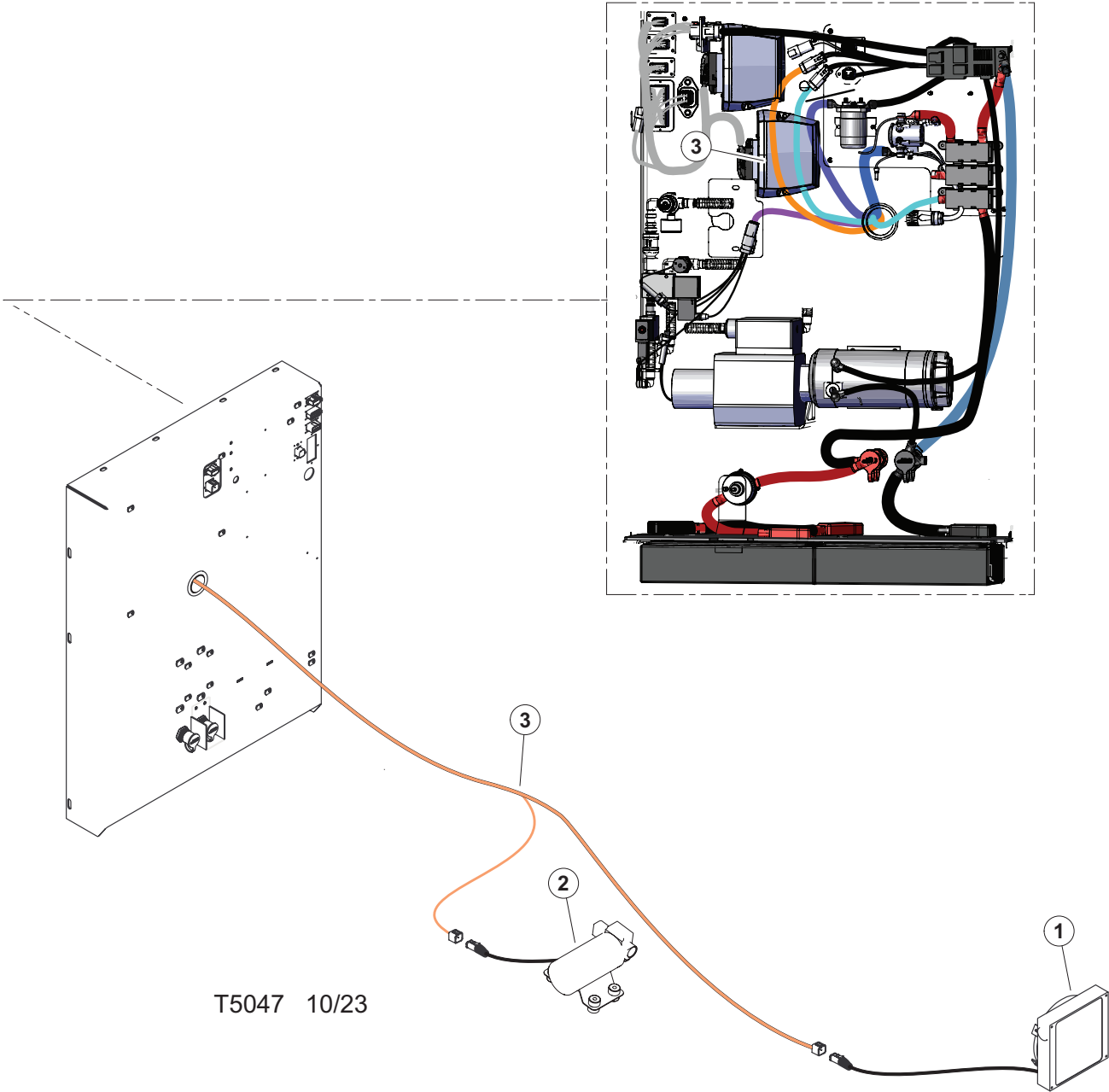
REF	PART #	QTY	DESCRIPTION
1	673290	1	PLATE, 785 TOP ELECT SEAL
2	673270	1	PLATE, 785 LH ELECT SEAL
3	673280	1	PLATE, 785 RH ELECT SEAL
4	675860	8.5"	SEAL, EDGE, OFFSET BULB
5	675870	2	SEAL, ULTRA WEATHER RESISTANT

ENGINE ELECTRICAL SYSTEM
CUMMINS STAGE V AFTER TREATMENT HARNESS



REF	PART #	QTY	DESCRIPTION
1	60329	1	HARNESS, AFTER TREATMENT - CUMMINS STG5

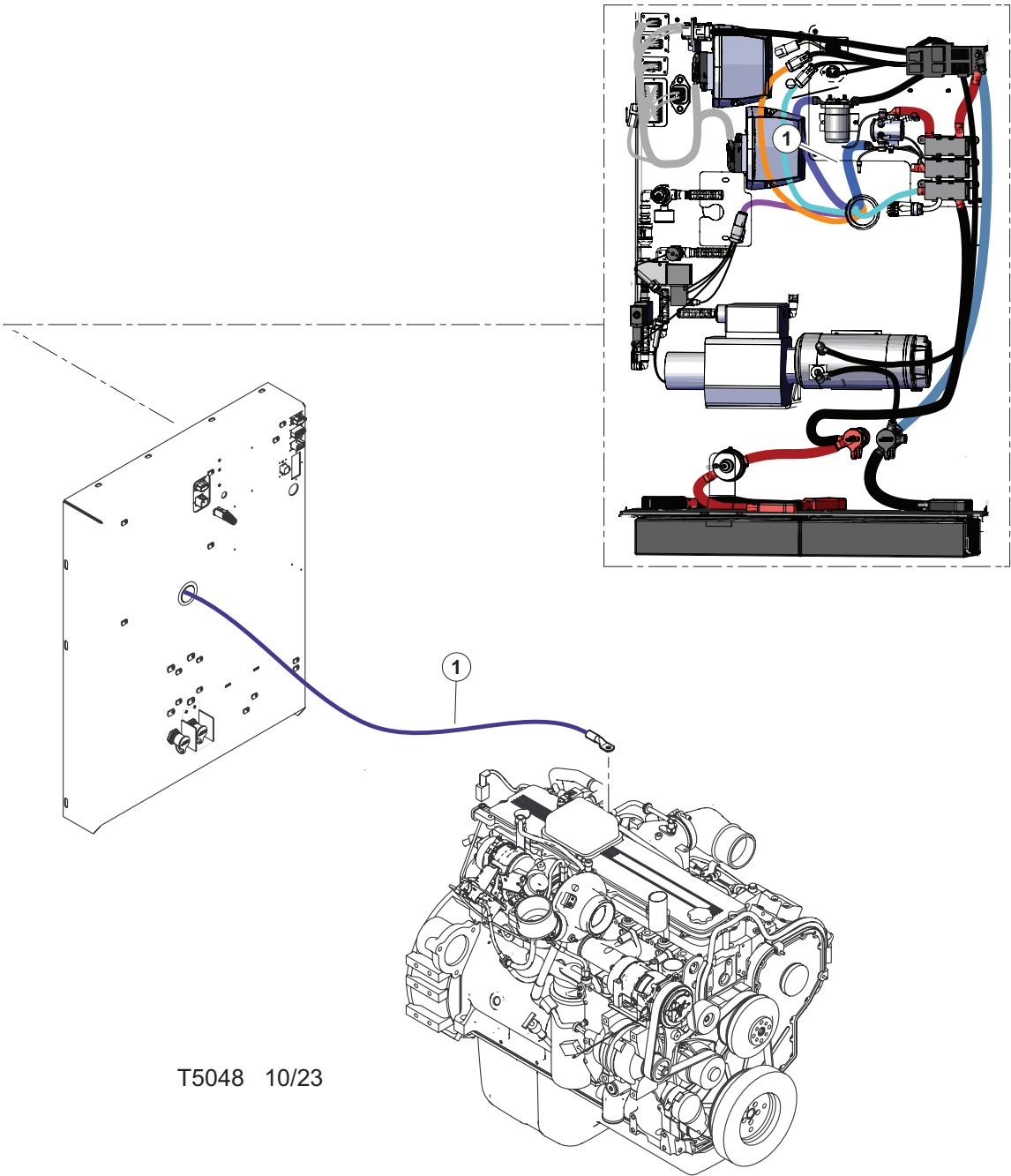
ENGINE ELECTRICAL SYSTEM
CUMMINS STAGE V GEARBOX COOLER HARNESS



T5047 10/23

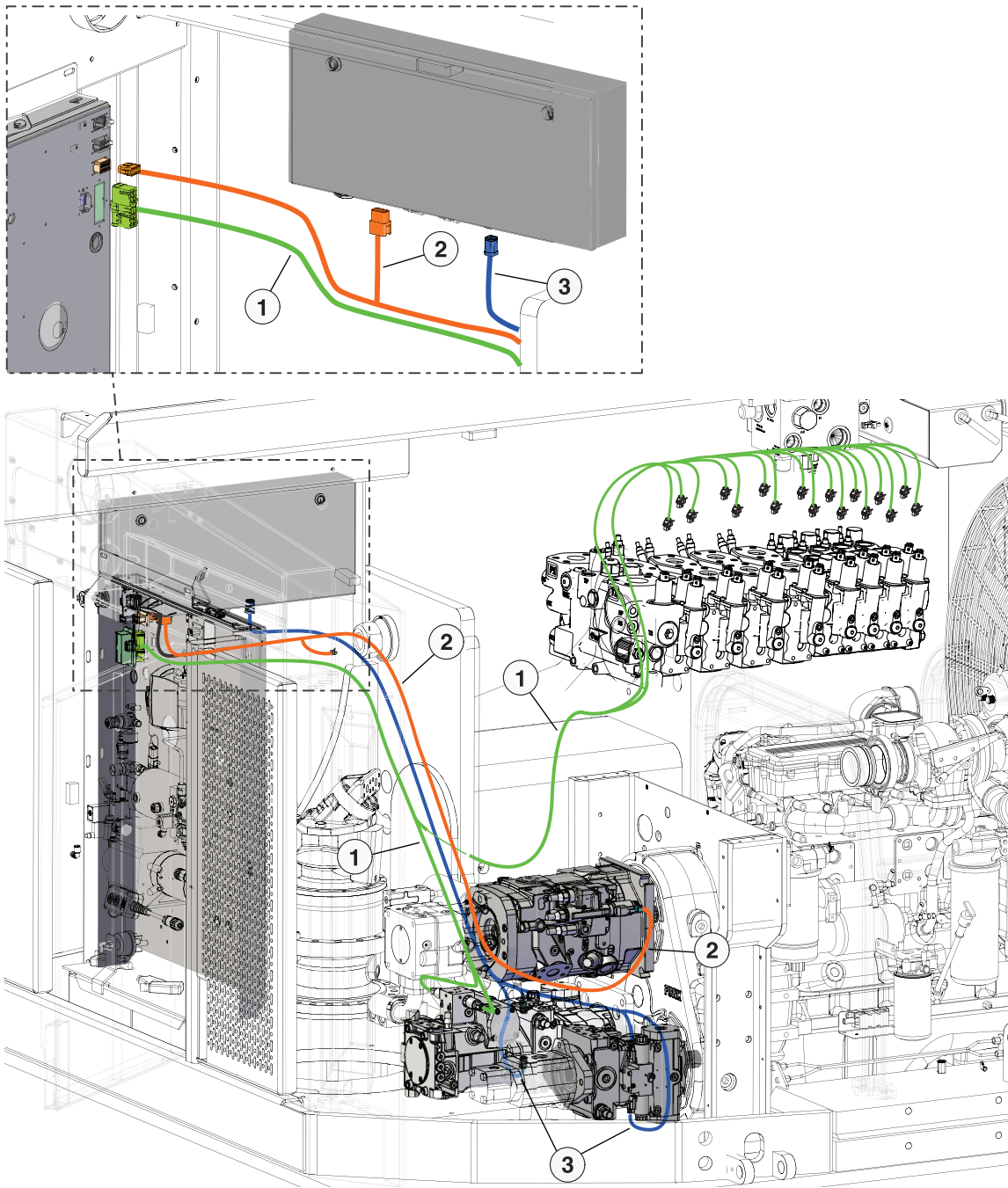
REF	PART #	QTY	DESCRIPTION
1	55528	1	COOLER, GEAR BOX - REMOTE
2	57464	1	PUMP, GEAR BOX COOLER
3	57592	1	HARNESS, GEARBOX OIL COOLER

ENGINE ELECTRICAL SYSTEM
CUMMINS STAGE V GRID HEATER CABLE



REF	PART #	QTY	DESCRIPTION
1	(CALL)	1	CABLE, GRID HEATER

ENGINE ELECTRICAL SYSTEM
ENGINE PUMPS, CONTROL PANEL AND MAIN VALVE WIRE HARNESS

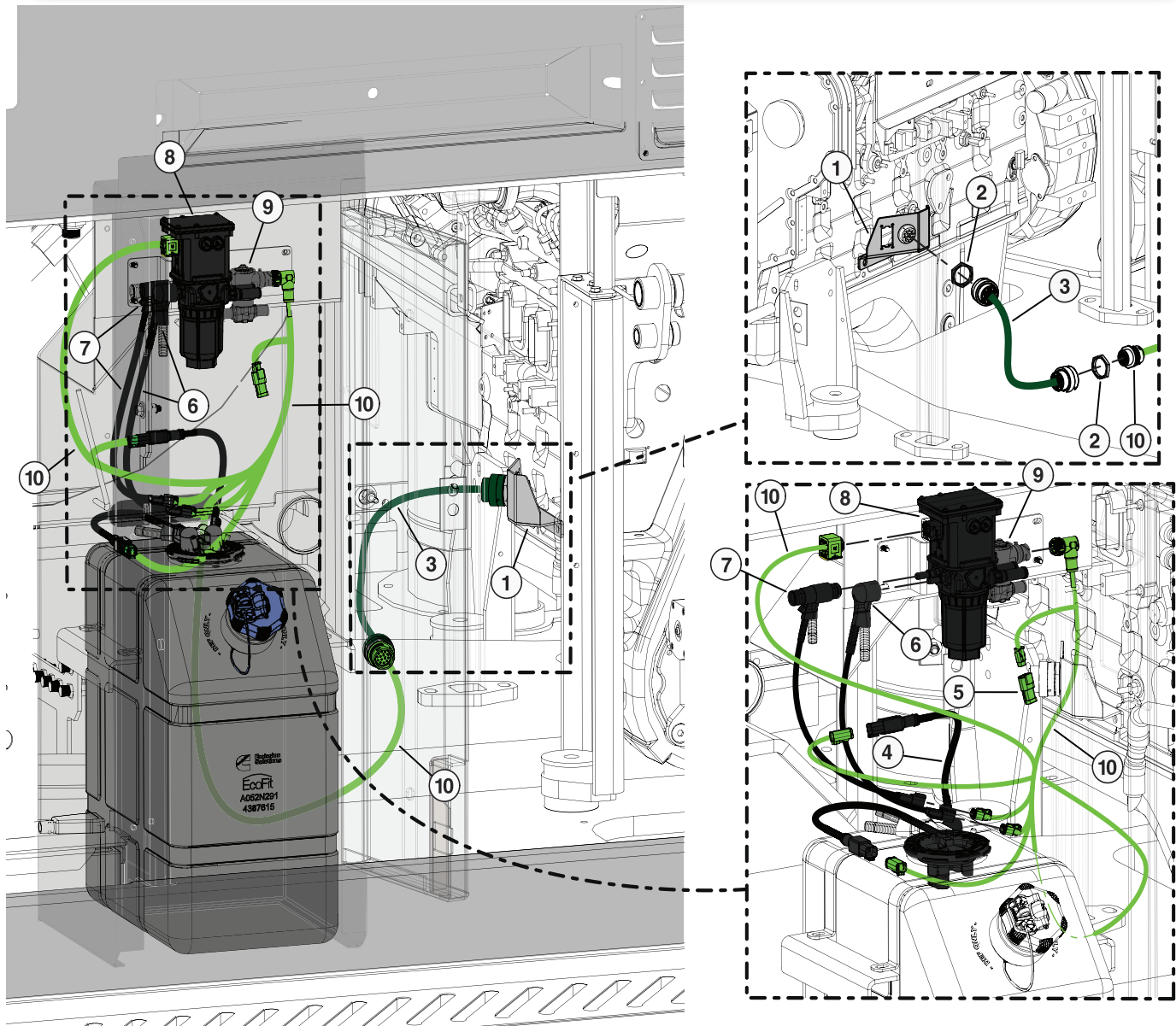


T6080 10/24

REF	PART #	QTY	DESCRIPTION
1	62787	1	HARNESS, Control Valve (PARKER 450)
2	58274	1	HARNESS, CAB TO XA2 PANEL
3	57389	1	HARNESS, HYDROSTATIC PUMP

OPERATOR CAB ELECTRICAL SYSTEM

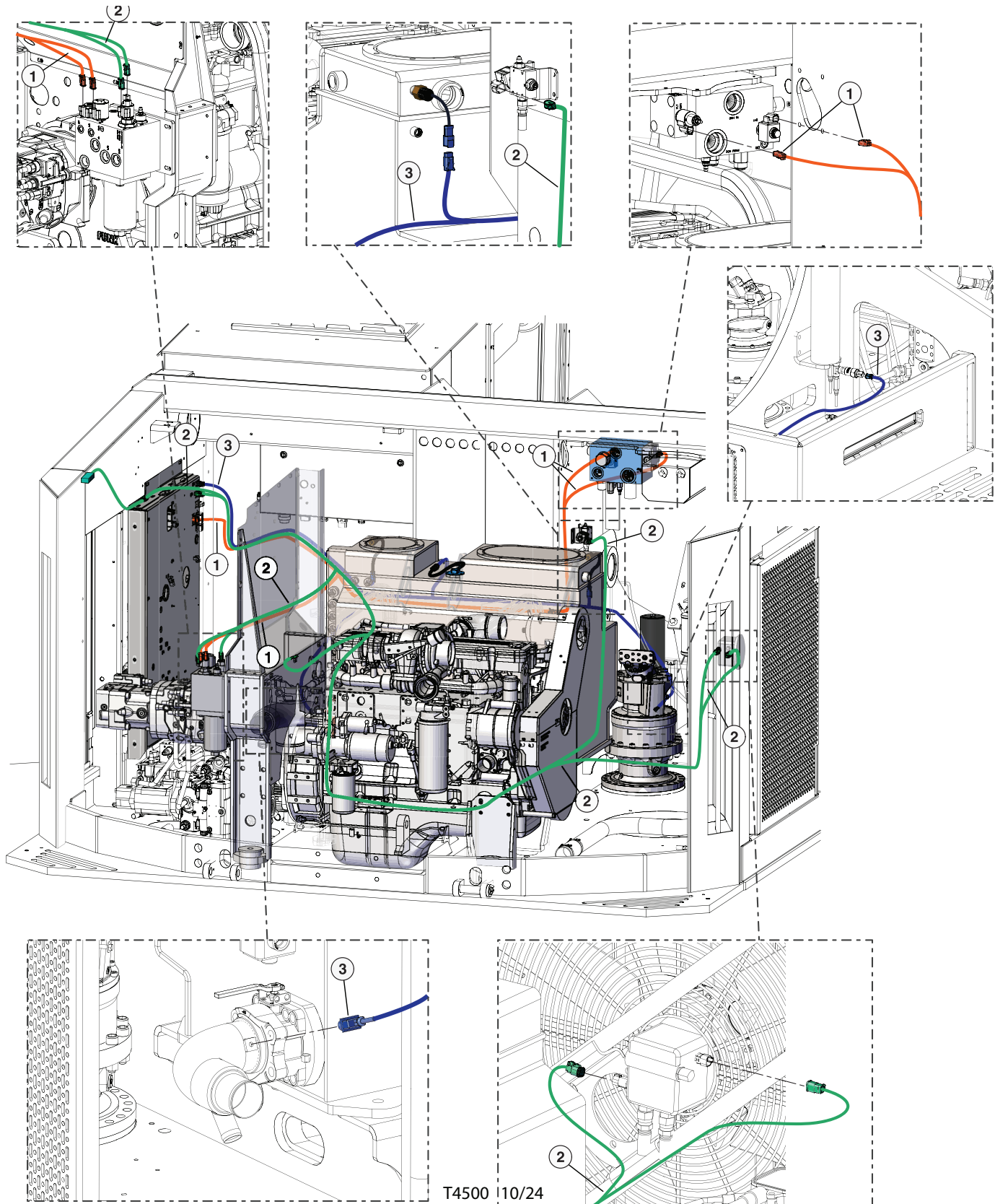
CUMMINS STAGE V ENGINE DEF SYSTEM HARNESS



REF	PART #	QTY	DESCRIPTION
1	60833	2	PLATE, ECM BH MOUNT
2	(CALL)	2	NUT
3	59030	1	HARNESS, LogLoader DEF extension harness
4	(CALL)	1	HARNESS, DEF TANK - CUMMINS STG5
5		1	END OF LINE RESISTOR
6		1	DEF Supply Hose
7		1	DEF Supply Hose
8		2	PUMP, DOSER
9	(CALL)	2	WATER VALVE
10	60328	1	HARNESS, DEF TANK - CUMMINS STG5

ENGINE ELECTRICAL SYSTEM

CHARGE FAN, MOTOR-SHIFT, DISC SAW, PARKING BRAKE, AND HYDRAULIC TANK



ENGINE ELECTRICAL SYSTEM

CHARGE FAN, MOTOR-SHIFT, DISC SAW, PARKING BRAKE, AND HYDRAULIC TANK

REF	PART #	QTY	DESCRIPTION
1	62047	1	HARNESS, Track MS, PB, Disc - (UP TO SN. 1180)
1	66605	1	HARNESS, Track MS, PB, Disc - (SN. 1181 & FORWARD)
2	62048	1	HARNESS, Charge-Fan
3	62046	1	HARNESS, Hydraulic Tank - (UP TO SN. 1180)
3	66602	1	HARNESS, Hydraulic Tank - (SN. 1181 & FORWARD)

E-00009D 03/24

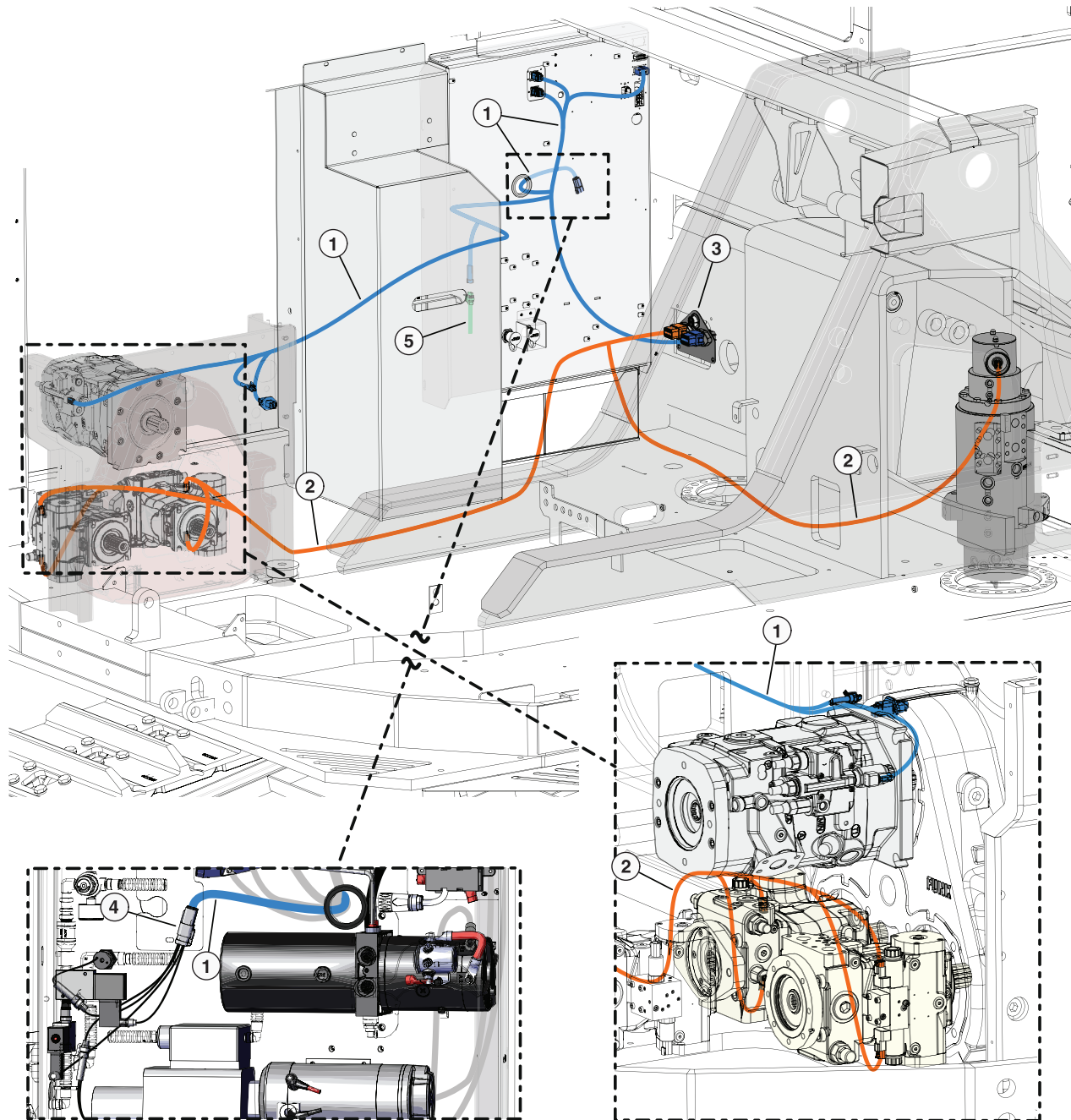
ENGINE ELECTRICAL SYSTEM

CUMMINS STAGE V ENGINE HARNESS

REF	PART #	QTY	DESCRIPTION
1	60327	1	HARNESS, ENGINE - CUMMINS STG5
2	16133	2	BOLT - 6MM-1.0P X 16MM
3	10800	2	WASHER, FLAT - .25"
4	15669	4	SCREW, MACHINE - #10-24 X .5"
5	59128	1	CABLE CLAMP, CUSHIONED, 1/2" (.406")
6	17449	1'	LOOM, SPLIT - .5" (BULK)

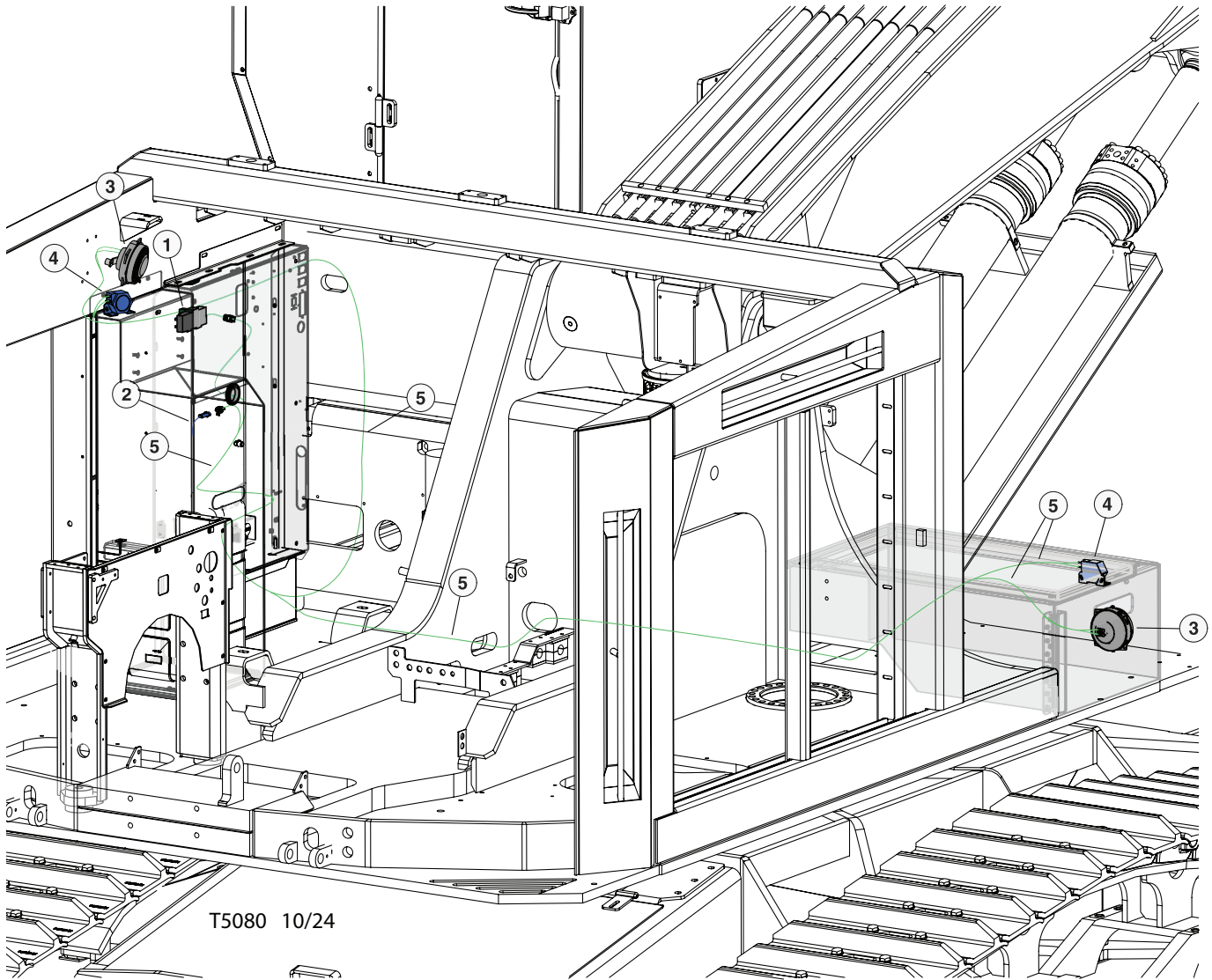
OPERATOR CAB ELECTRICAL SYSTEM

MAIN ELECTRICAL CENTER HARNESSSES - (BULKHEAD TO COMPONENTS)



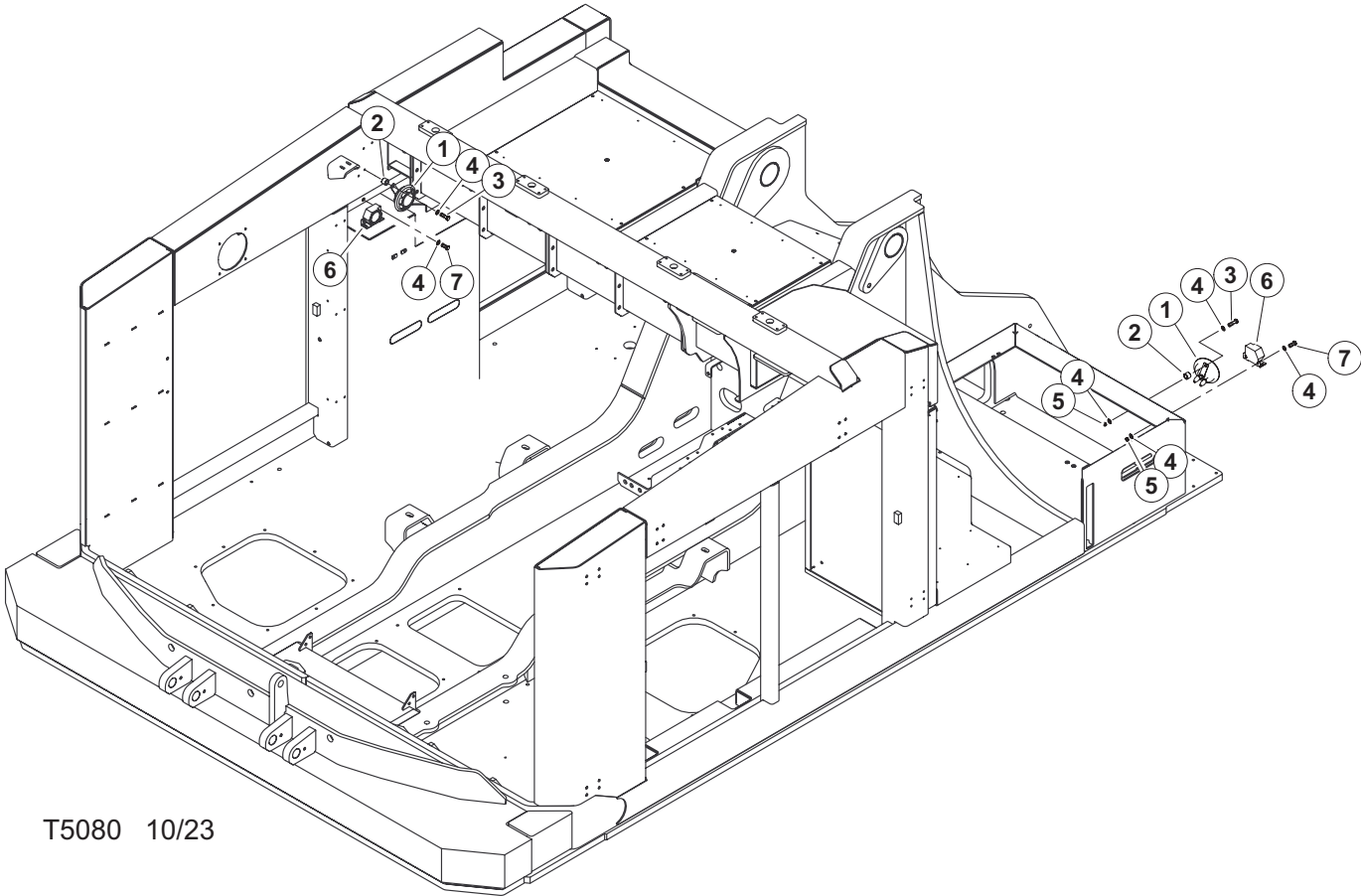
REF	PART #	QTY	DESCRIPTION
1	59027	1	HARNESS, LOGLOADER XA2 AND ENGINE TO BULKHEAD
2	59029	1	HARNESS, LOGLOADER CAB MOUNT TO RM-HYDROSTATIC TRACK DRIVE PUMP
3	63556	1	PLATE, CONNECTOR MOUNT - LOG LOADER
4	55193	1	HARNESS, VAC-VENT FILL
5	58995	1	HARNESS, HORN AND BACKUP

ENGINE ELECTRICAL SYSTEM BACK-UP ALARM AND HORN WIRE HARNESS



REF	PART#	QTY	DESCRIPTION
1	(CALL)	1	Fuse Box (CONTACT LTL SUPPLY CO)
2	59027	1	HARNESS, LogLoader XA2 and Engine to cab
3	55131	2	HORN, ELECTRIC - 24V
4	53191	2	SIREN, BACKUP - 24V
5	58995	1	HARNESS, Horn and Backup

ENGINE ELECTRICAL SYSTEM
BACK-UP ALARM AND HORN INSTALLATION



T5080 10/23

ENGINE ELECTRICAL SYSTEM

BACK-UP ALARM AND HORN INSTALLATION

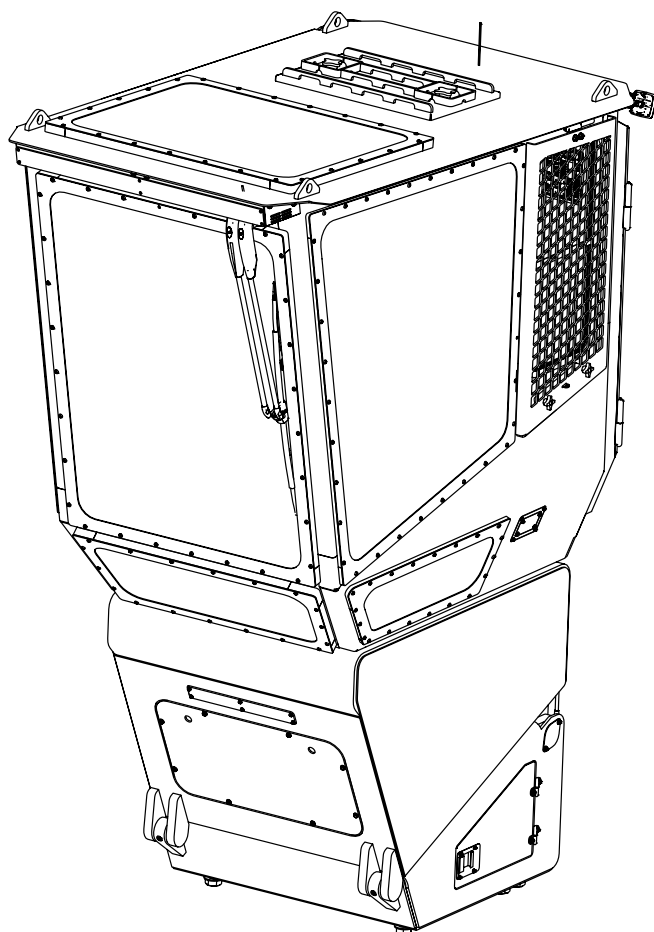
REF	PART#	QTY	DESCRIPTION
1	55131	2	HORN, ELECTRIC - 24V
2	19219	2	SPACER
3	50164	2	BOLT - .25" X 1.75"
4	10757	6	WASHER. SAE FLAT - .25"
5	15509	2	NUT, NYLOCK - .25"
6	53191	2	SIREN, BACKUP - 24V
7	18309	2	BOLT - .25" X 1.25"

THIS PAGE LEFT BLANK FOR NOTES

[illegible]

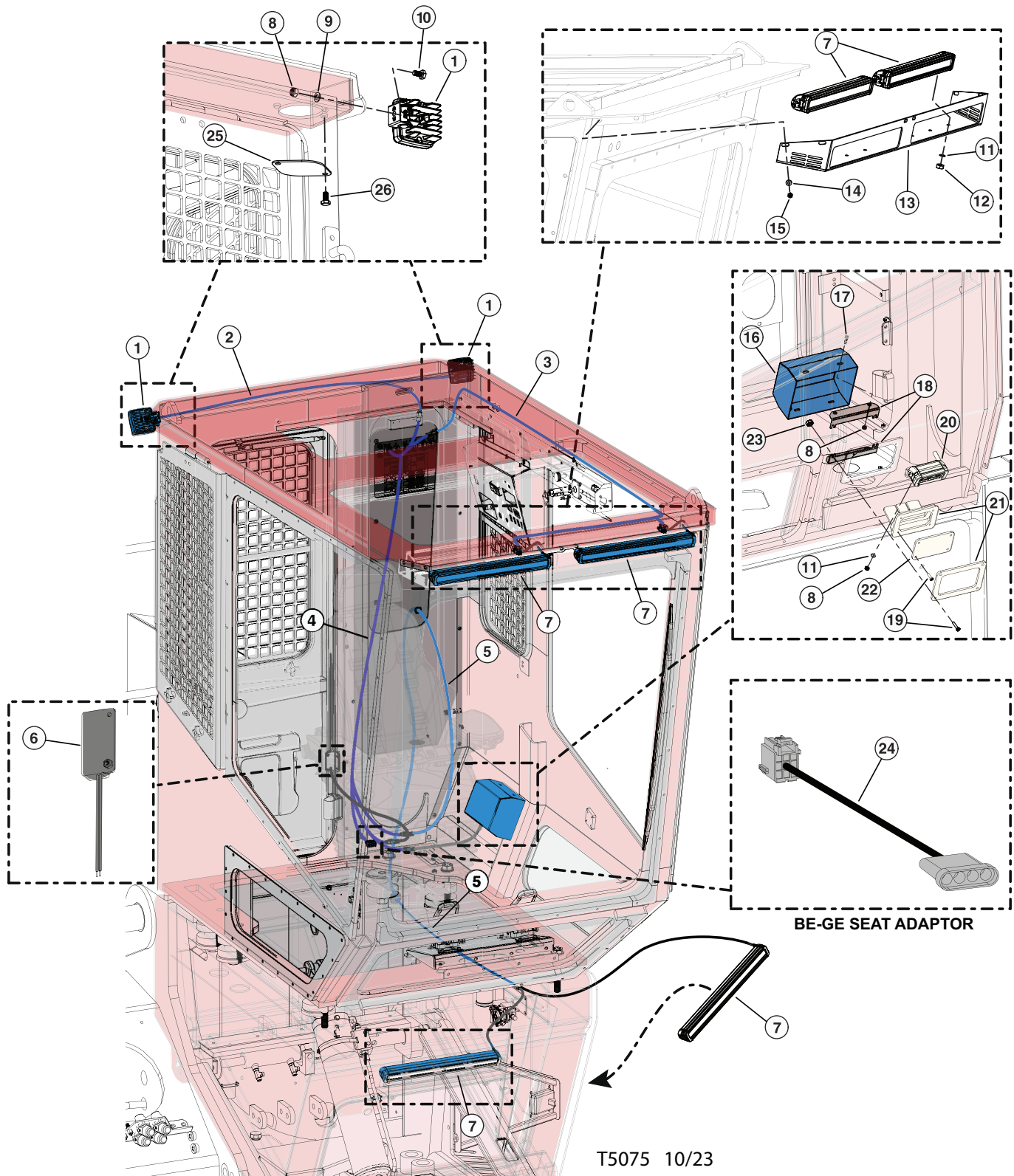
SECTION ES-2

OPERATOR CAB ELECTRICAL SYSTEM



OPERATOR CAB ELECTRICAL SYSTEM

FORWARD AND REAR CAB LIGHT HARNESS



OPERATOR CAB ELECTRICAL SYSTEM

FORWARD AND REAR CAB LIGHT HARNESS

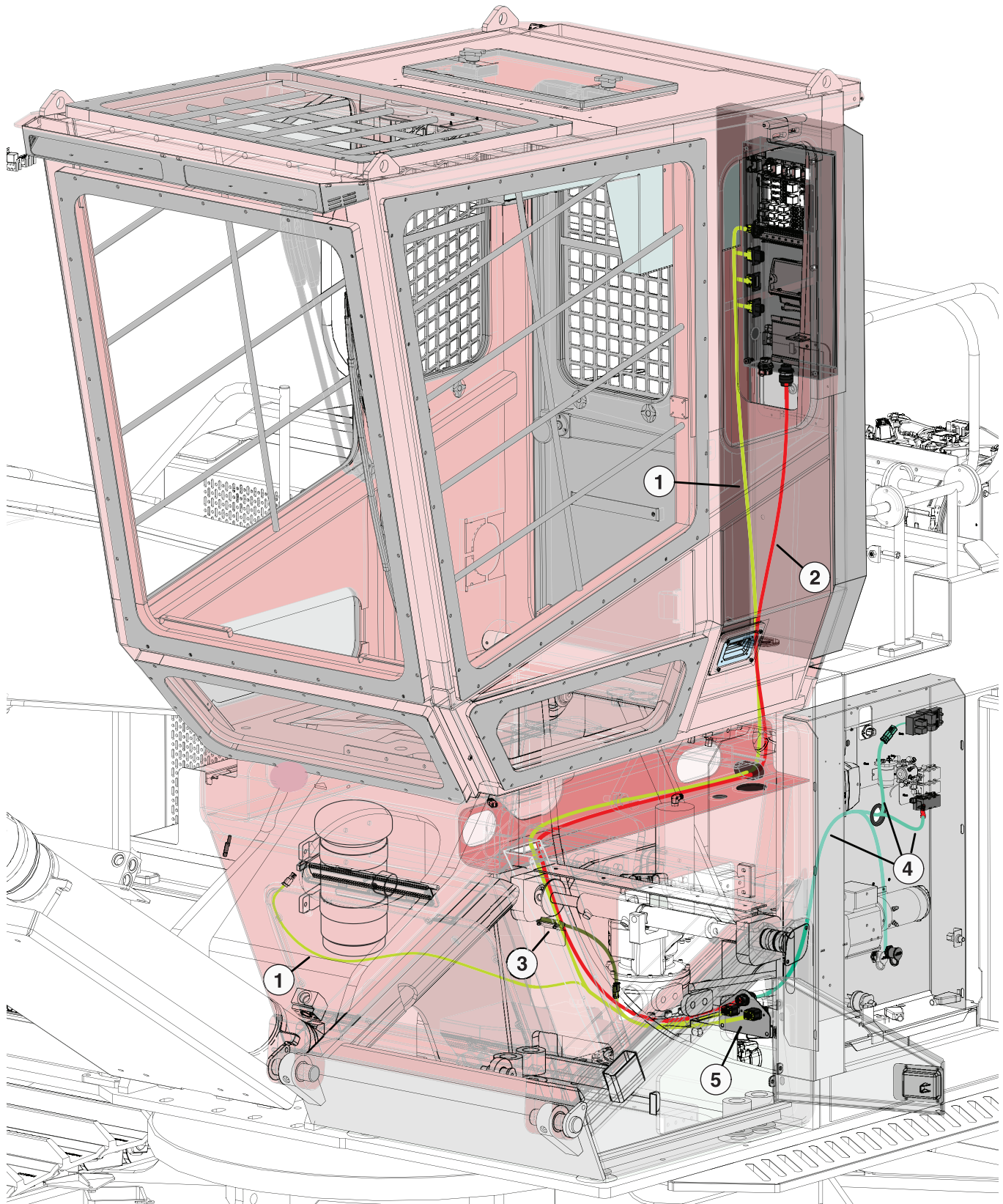
REF	PART #	QTY	DESCRIPTION
1	59044	2	LIGHT CUBE - 6LED ("D" GROTE)
2	59021	1	HARNESS, CAB - Upper Lights LL-Series (Cab Rear Lights - 66")
3	59021	1	HARNESS, CAB - Upper Lights LL-Series (Cab Forward Lights - 136")
4	59021	1	HARNESS, CAB - Upper Lights LL-Series (Primary - Mid-portion Harness)
5	(CALL)	1	HARNESS, CAB - LOWER LIGHTS
6	55264	1	PROX SWITCH (DOOR SENSOR)
7	57781	4	LIGHT, BAR - LED (D-SERIES CAB) 15 LED
8	10813	6	NUT, LOCK - .375"
9	10802	6	WASHER, FLAT - .375"
10	11707	2	BOLT - .375" X 1"
11	10757	6	WASHER, .25"
12	16131	6	NUT - .25"
13	63404	1	PLATE, LIGHT MT
14	10757	6	WASHER, SAE FLAT - .25"
15	15576	6	BOLT - .25" X 1"
16	63608	1	PLATE, LIGHT COVER - LOG LOADER
17	15576	6	BOLT - .25" X 1"
18	63607	1	WELDMENT, COVER MTG - LOG LOADER
19	15604	28	BOLT - .25" X .75"
20	57783	3	LIGHT, BAR - LED (D-SERIES) 3 LED
21	49223	2	BRACKET, LIGHT MOUNT REAR D-SEREIS
22	49222	2	LEXON, LIGHT - CAB REAR D-SERIES
23	10811	6	NUT, LOCK - .25"
24	57935	1	HARNESS, Be-Ge Seat Adapter
25	63493	2	PLATE, COVER - LOG LOADER
26	15542	2	BOLT - .375" X .75"

NOTE:

Item #2, 3, and 4, Part #59021, are all ordered together.

OPERATOR CAB ELECTRICAL SYSTEM

MD4 SCREEN ASSM. AND HARNESS AND FRONT DOOR LIGHTS AND HARNESS



T5076 10/24

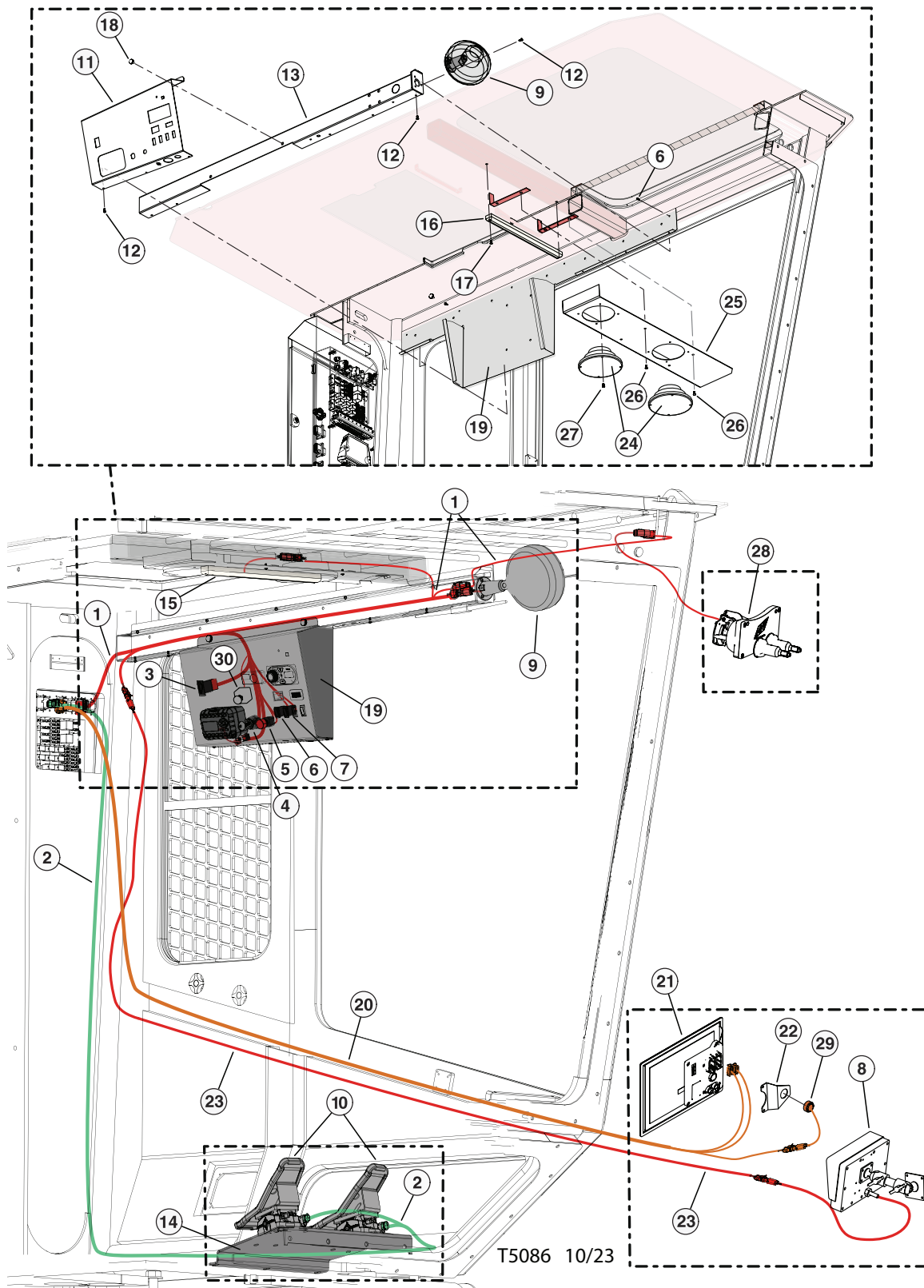
OPERATOR CAB ELECTRICAL SYSTEM

MD4 SCREEN ASSM. AND HARNESS AND FRONT DOOR LIGHTS AND HARNESS

REF	PART #	QTY	DESCRIPTION
1	59006	1	HARNESS, CAB TO BULKHEAD LOGLOADER
2	59005	1	HARNESS, CAB TO BULK POWER LOG LOADER
3	55264	1	SWITCH, LIMIT - GULLWING (MAGNETIC)
4	59028	1	HARNESS, LOGLOADER CAB POWER
5	63556	1	PLATE, CONNECTOR MOUNT - LOG LOADER

OPERATOR CAB ELECTRICAL SYSTEM

MD4 SCREEN ASSM. AND HARNESS AND FRONT DOOR LIGHTS AND HARNESS



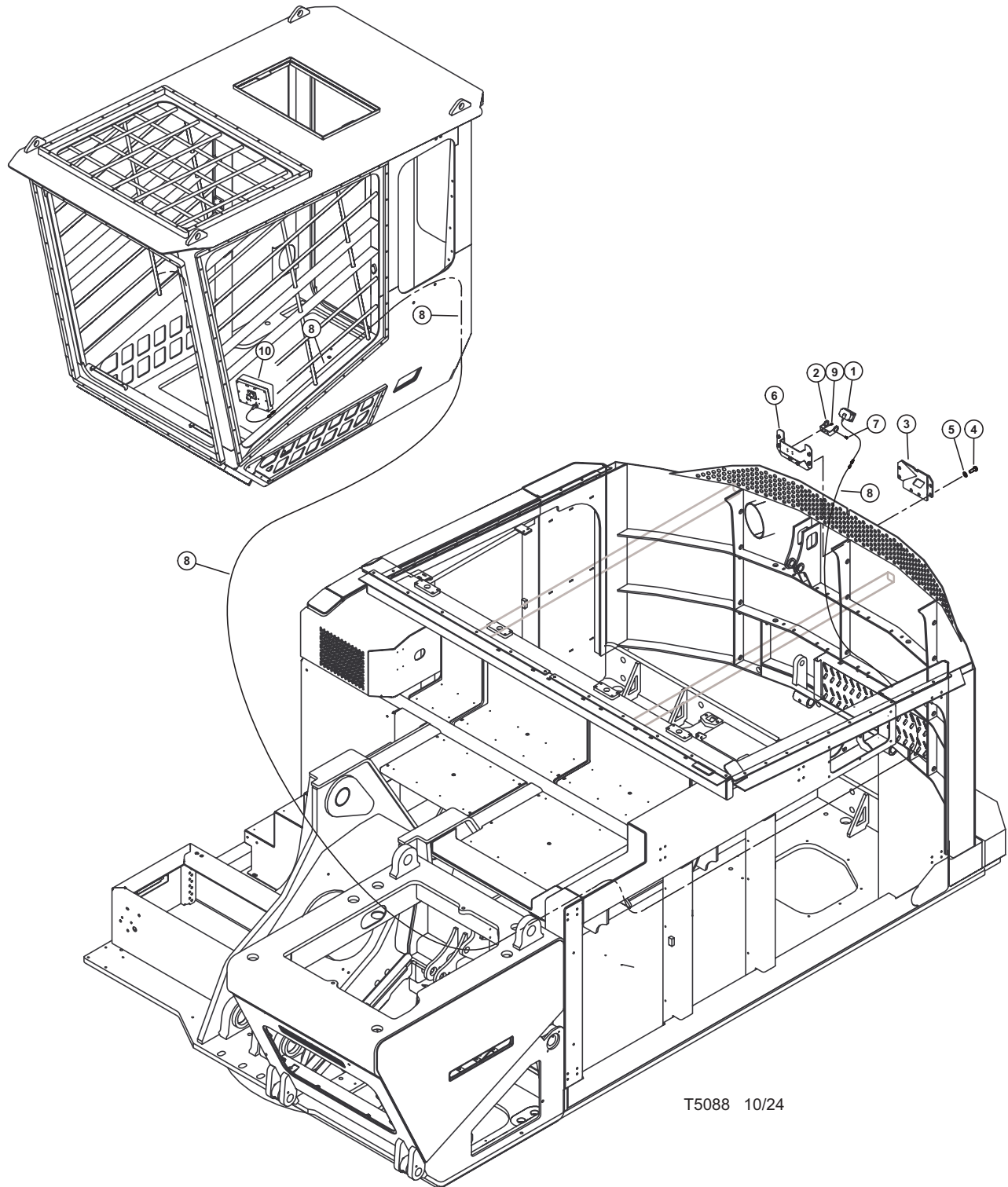
OPERATOR CAB ELECTRICAL SYSTEM

MD4 SCREEN ASSM. AND HARNESS AND FRONT DOOR LIGHTS AND HARNESS

REF	PART #	QTY	DESCRIPTION
1	59019	1	HARNESS, CAB - Dash Controls LL-Series
2	59018	1	HARNESS, CAB - Foot Pedals LL-Series
3	51674	1	CONNECTOR - OTTO (3 PER) R2 switch (LABEL: VACUUM VENT)
4	52414	1	SWITCH, IGNITION (INDAK)
5	53242	1	SWITCH, EMERGENCY STOP
6	51664	1	SWITCH, LIGHT - OTTO (1 PER) (LABEL: LIGHTS)
7	51664	1	SWITCH, LIGHT - OTTO (1 PER) (LABEL: DOME)
8	52557	1	CAMERA, MONITOR
9	23279	1	FAN, WINDSHIELD DEFROST - 24V
10	57801	2	PEDAL, FOOT CONTROL -D SERIES
11	63550	1	WELDMENT, CONSOLE - LOG LOADER
12	(CALL)	3	Screw, Machine
13	63551	1	WELDMENT, WIRE CHANNEL - LOG LOADER
14	63320	1	WELDMENT, DRIVE PEDAL MOUNT - LOG LOADER
15	23614	1	LIGHT, DOME - 24V
17	(CALL)	2	#8x1/2 Screw
18	(CALL))	2	Screw, Machine
19	63555	1	WELDMENT, CONSOLE MOUNT - LOG LOADER
20	55392	1	HARNESS, MD4 Harness
21	57385	1	MODULE, MD4 - 10" SCREEN LARGE
22	47502	1	PLATE, BEEPER MOUNT: MD4-10 SCREEN
23	(CALL)	1	HARNESS, CAMERA
24	57857	2	SPEAKER, CAB - D-SERIES
25	63407	1	PLATE, SPEAKER MTG
26	(CALL)	4	Screw, Machine
27	(CALL)	8	Screw, Machine
28	64751	1	MOTOR ASSY, DUAL DRIVER WIPER, 24V
29	53115	1	SIREN, WARNING - D SERIES DASH
30	61621	1	SWITCH, 2 SPD 24V WIPER/WASHER

OPERATOR CAB ELECTRICAL SYSTEM

GULLWING DOOR CAMERA INSTALLATION AND WIRE HARNESS



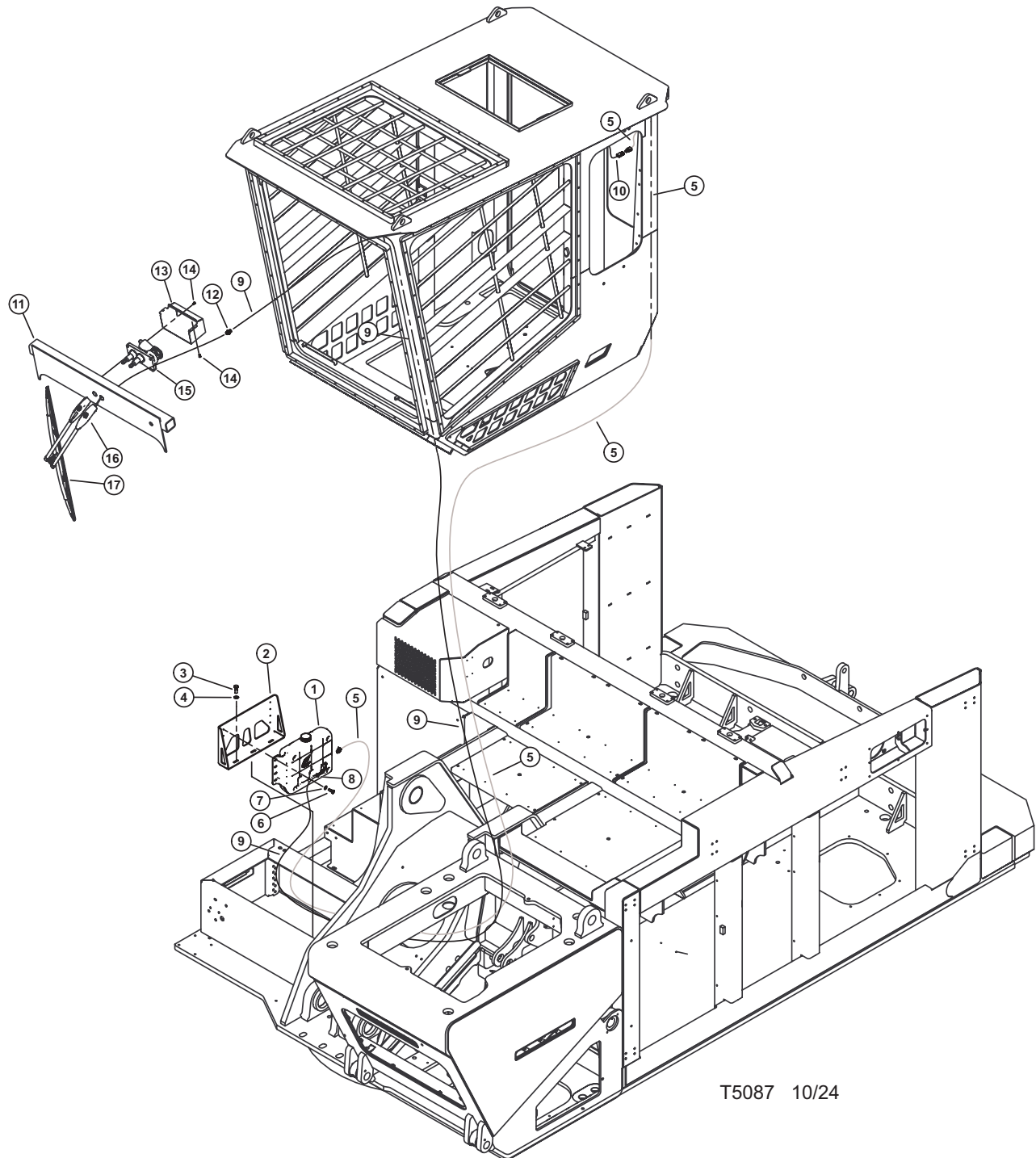
T5088 10/24

OPERATOR CAB ELECTRICAL SYSTEM

GULLWING DOOR CAMERA INSTALLATION AND WIRE HARNESS

REF	PART #	QTY	DESCRIPTION
1	52557	1	CAMERA BODY
2	52557	1	CAMERA MOUNT
3	65656	1	WELDMENT, REARVIEW CAMERA COVER
4	10402	4	BOLT - .375" X 1.25"
5	15528	4	WASHER, SAE FLAT - .375"
6	65657	1	WELDMENT, REARVIEW CAMERA HOUSING
7	(CALL)	2	SCREW
8	(CALL)	1	CAMERA CABLE
9	16129	4	SCREW, MACHINE - #10-24 X .75"
10	52557	1	CAMERA, MONITOR

OPERATOR CAB ELECTRICAL SYSTEM WINDSHIELD WASHER TANK AND ELEC. HARNESS INSTALLATION



T5087 10/24

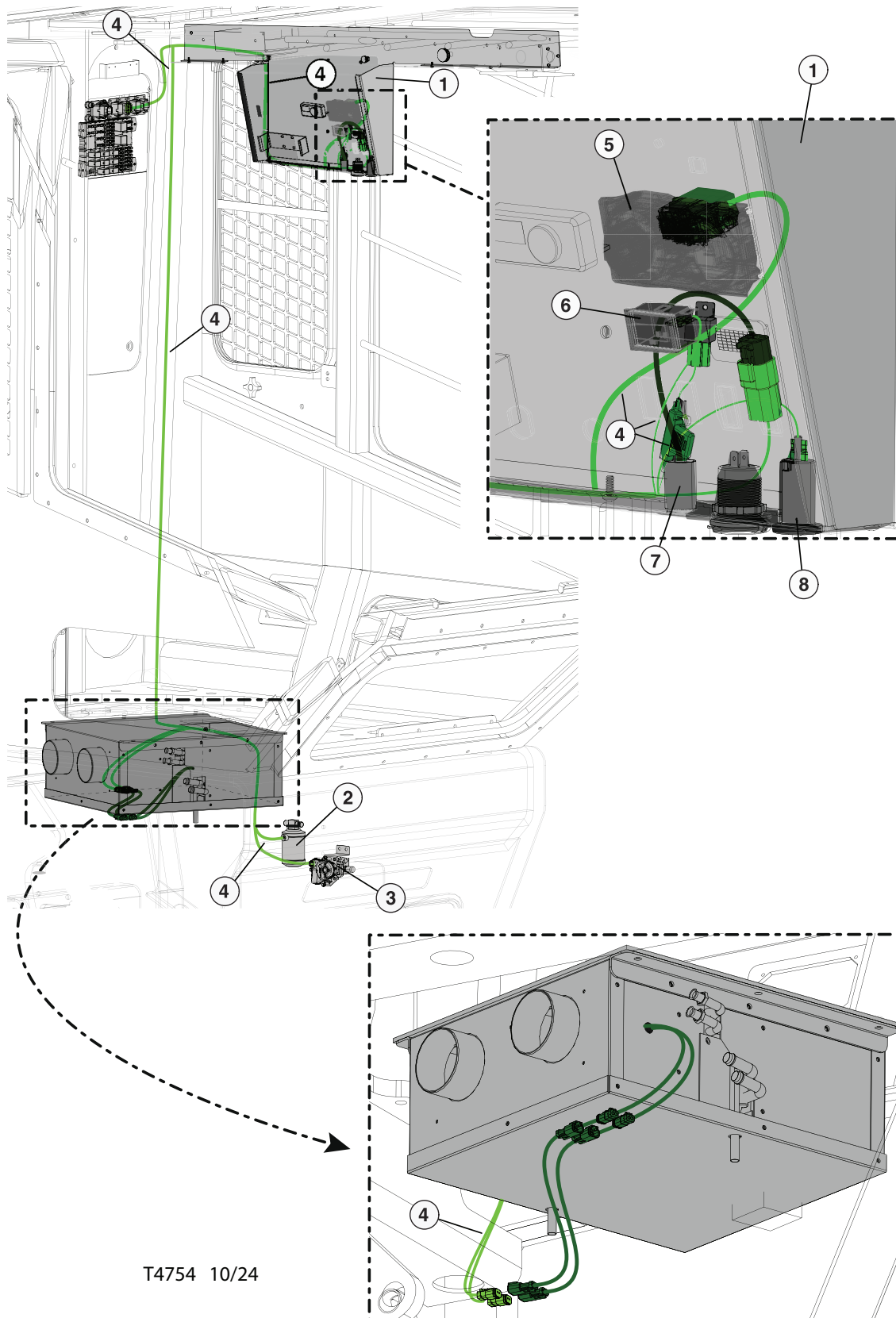
OPERATOR CAB ELECTRICAL SYSTEM

WINDSHIELD WASHER TANK AND ELEC. HARNESS INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	64754	1	WASHER BOTTLE TANK & PUMP - 24V
2	66272	1	PLATE, WASHER TANK SUPPORT
3	11707	3	BOLT - .375" X 1.00"
4	15528	3	WASHER, SAE FLAT - .375"
5	(CALL)	1	HARNESSS, WINDSHIELD WASHER PUMP
6	15604	6	BOLT - .25" X .75"
7	10757	6	WASHER, SAE FLAT - .25"
8	(CALL)	1	MINIATURE CLAMP SS 3/16 TO 5/8"
9	(CALL)	AR	UNIVERSAL VACUUM/WIPER/WASHER TUBE 7/32" ID
10	59019	1	HARNESS, CAB - Dash Controls LL-Series
11	(CALL)	1	VACUUM HOSE CONNECTOR 1/4 X 1/4"
12	61615	1	COVER, WIPER MOTOR
13	(CALL)	2	Screw, Machine
14	64751	1	MOTOR ASSY, DUAL DRIVER WIPER, 24V
15	64752	1	ARM, HD, DD - 33" WET
16	64753	1	BLADE, 45" FLEX

OPERATOR CAB ELECTRICAL SYSTEM

HVAC & DASH PANEL COMPONENTS ELEC. HARNESS & INSTALLATION



T4754 10/24

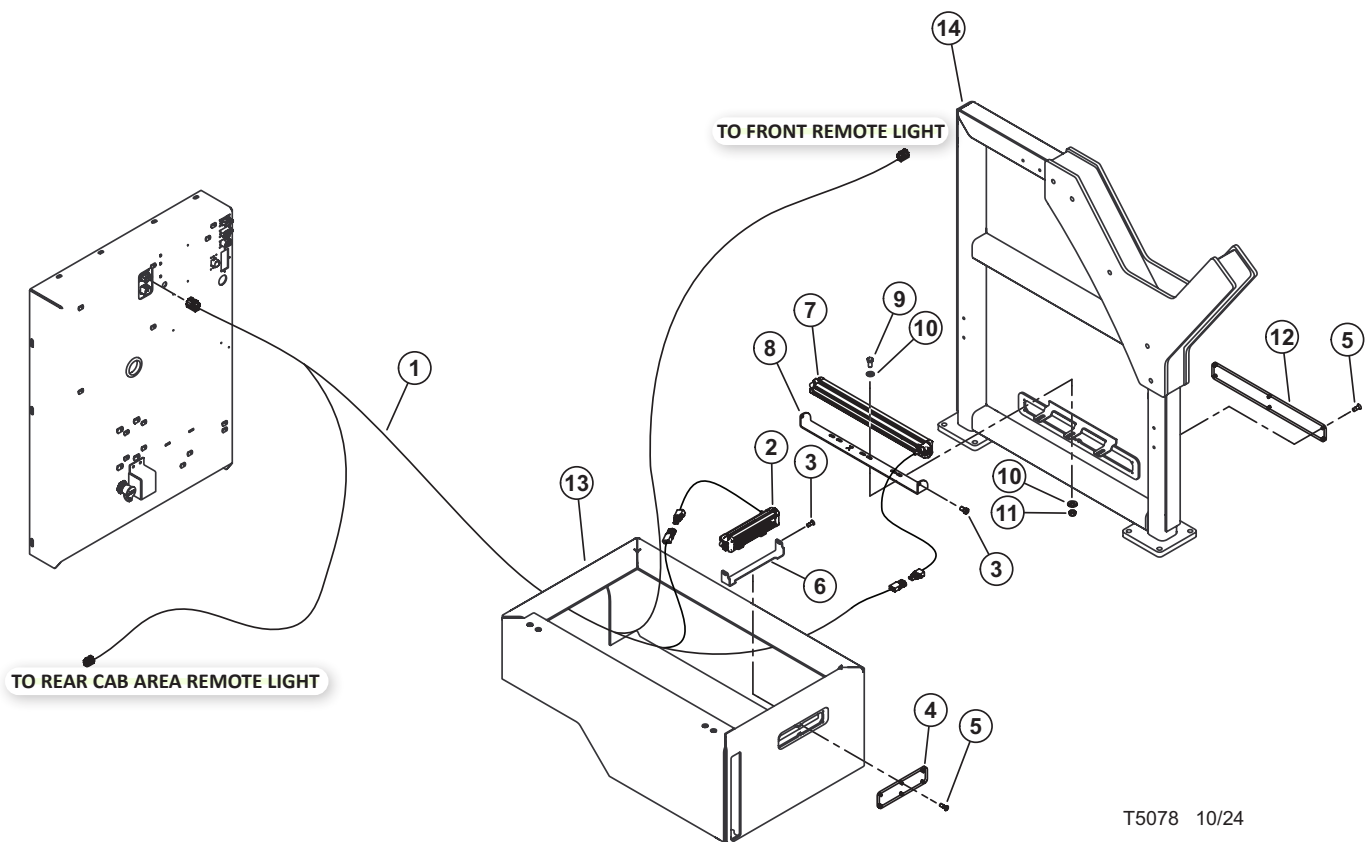
OPERATOR CAB ELECTRICAL SYSTEM

HVAC & DASH PANEL COMPONENTS ELEC. HARNESS & INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	63555	1	WELDMENT, CONSOLE MOUNT - LOG LOADER
2	50937	1	FILTER-DRYER-RECEIVER
3	58069	1	WATER VALVE
4	59020	1	HARNESS, CAB - Heat A/C Contr LL-Series
5	(CALL)	1	CLIMATE CONTROLLER
6	52401	1	GAUGE, HOUR METER - CURRENT
7	22869	1	SENSOR, TEMPERATURE CONTROL
8	55662	1	POWER, POINT - AUX - C SERIES

OPERATOR CAB ELECTRICAL SYSTEM

FRONT WORK LIGHT INSTALL & ELEC. HARNESS



T5078 10/24

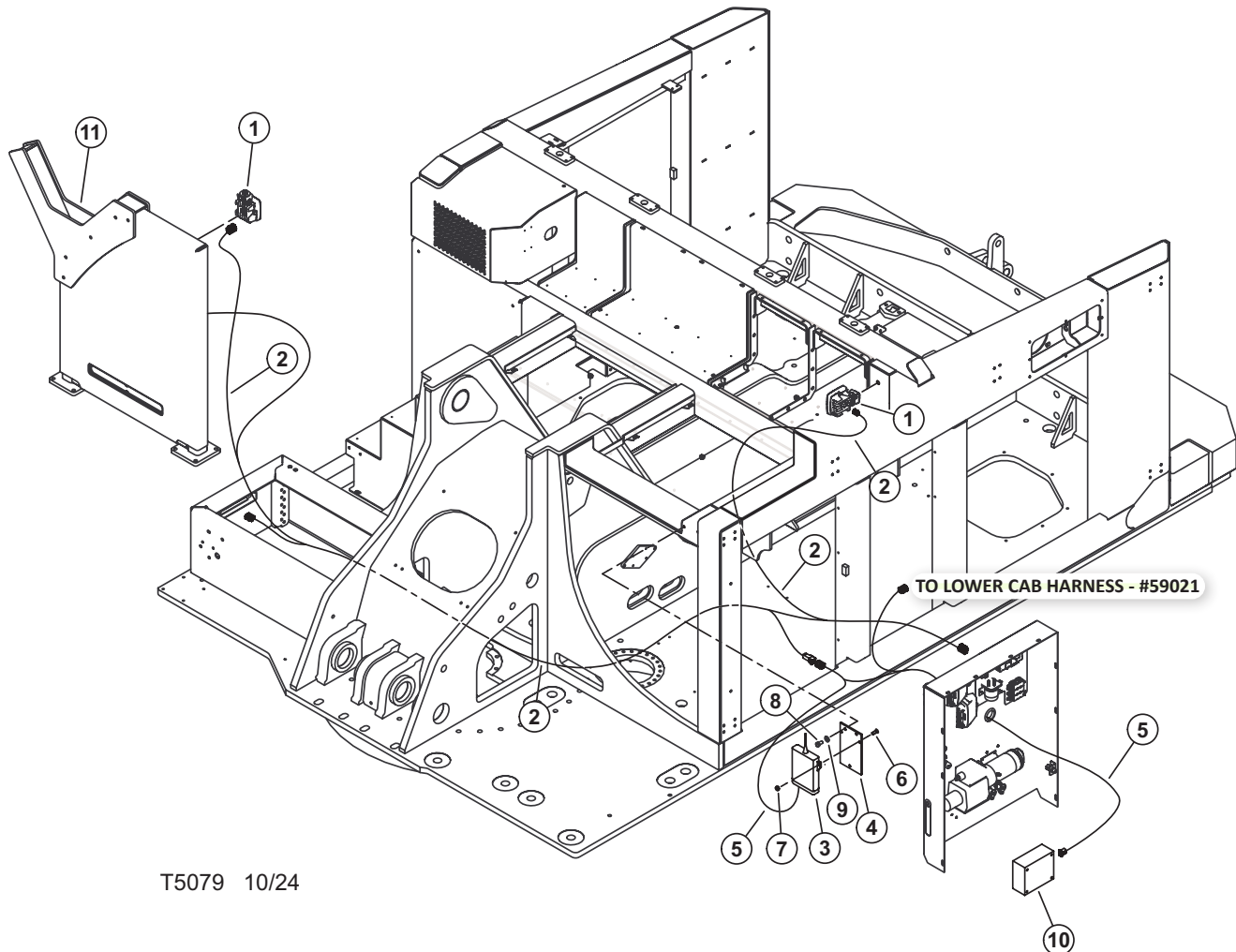
OPERATOR CAB ELECTRICAL SYSTEM

FRONT WORK LIGHT INSTALL & ELEC. HARNESS

REF	PART #	QTY	DESCRIPTION SEE SECTION
1	59031	1	HARNESS, LOG LOADER EXTERIOR LIGHT HARNESS
2	59042	1	LIGHT BAR, 6 LED
3	(CALL)	4	BOLT - M10 X 20
4	(CALL)	1	LEXAN, 6 LED LIGHT GUARD
5	15604	12	BOLT (BUTTON HEAD) - .25" X .75"
6	66199	1	LIGHT BRACKET (WELD ON)
7	59047	1	LIGHT BAR, 15LED (VISIONX)
8	61555	1	PLATE, 15LED MT, VISIONX
9	15576	3	BOLT - .25" X 1.00"
10	10800	6	WASHER SAE, FLAT - .25"
11	15509	3	NUT NYLOCK - .25"
12	49335	1	LEXAN, LIGHT GUARD
14	62390	1	TOOLBOX WELDMENT
15	62340	1	FRONT BUTT PLATE

OPERATOR CAB ELECTRICAL SYSTEM

REMOTE FRONT LIGHT ELEC. HARNESS & INSTALLATION



T5079 10/24

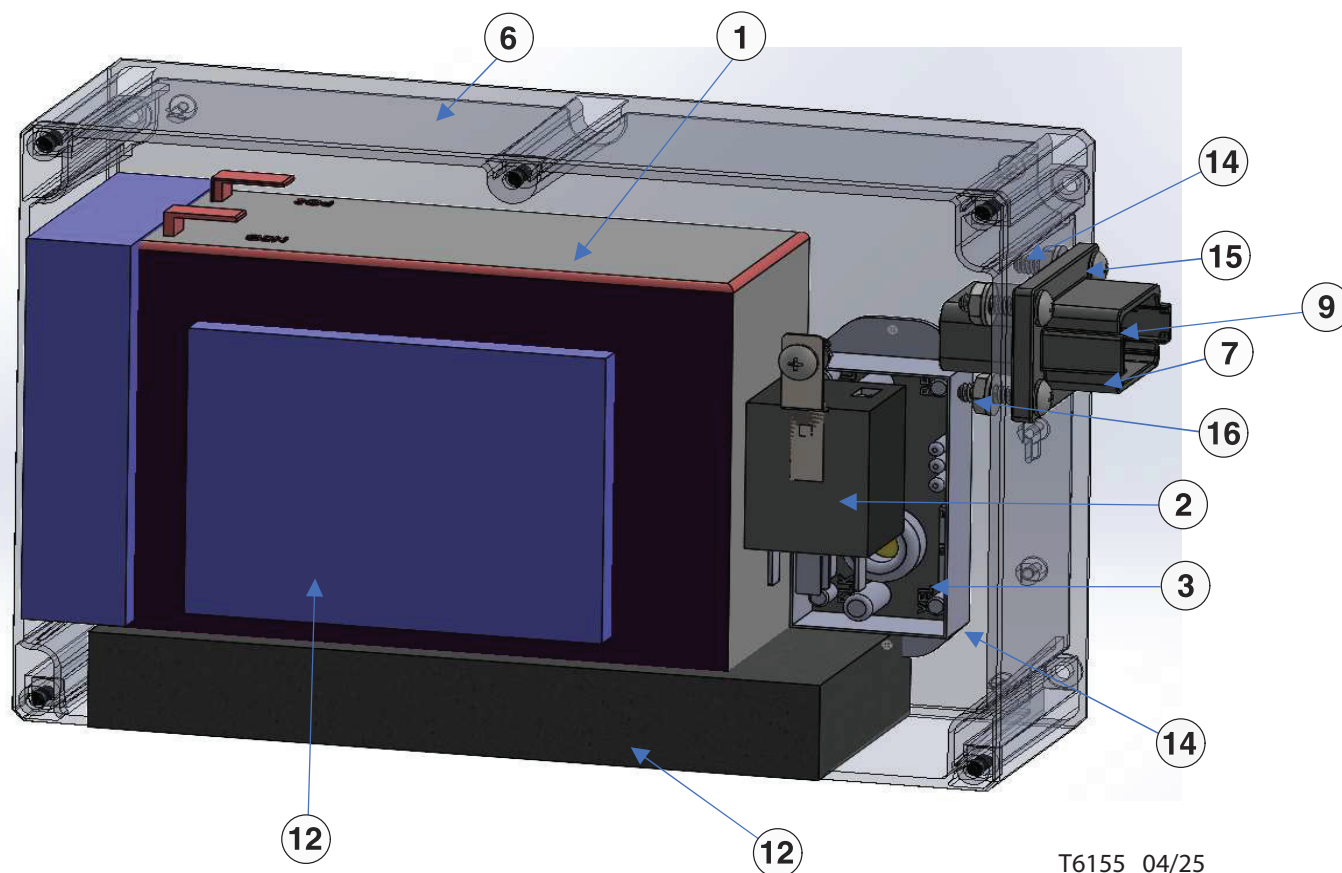
OPERATOR CAB ELECTRICAL SYSTEM

REMOTE FRONT LIGHT ELEC. HARNESS & INSTALLATION

REF	PART #	QTY	DESCRIPTION SEE SECTION
1	59044	2	LIGHT CUBE - 6LED
2	59031	1	HARNESS, LOGLOADER EXT LIGHT HARNESS
3	65272	1	REMOTE LIGHT TRANSMITTER
4	65669	1	MOUNTING PLATE
5	65279	1	HARNESS
6	(CALL)	3	SCREW
7	(CALL)	3	NUT, LOCK
8	15605	2	BOLT - .3125" X .75"
9	15559	2	WASHER, SAE FLAT - .3125"
10	65274	1	ENCLOSURE
11	62340	1	FRONT BUTT PLATE
	65270	1	RELAY TIMER (NOT SHOWN)

OPERATOR CAB ELECTRICAL SYSTEM

REMOTE LIGHT ELECTRICAL BOX ASSEMBLY

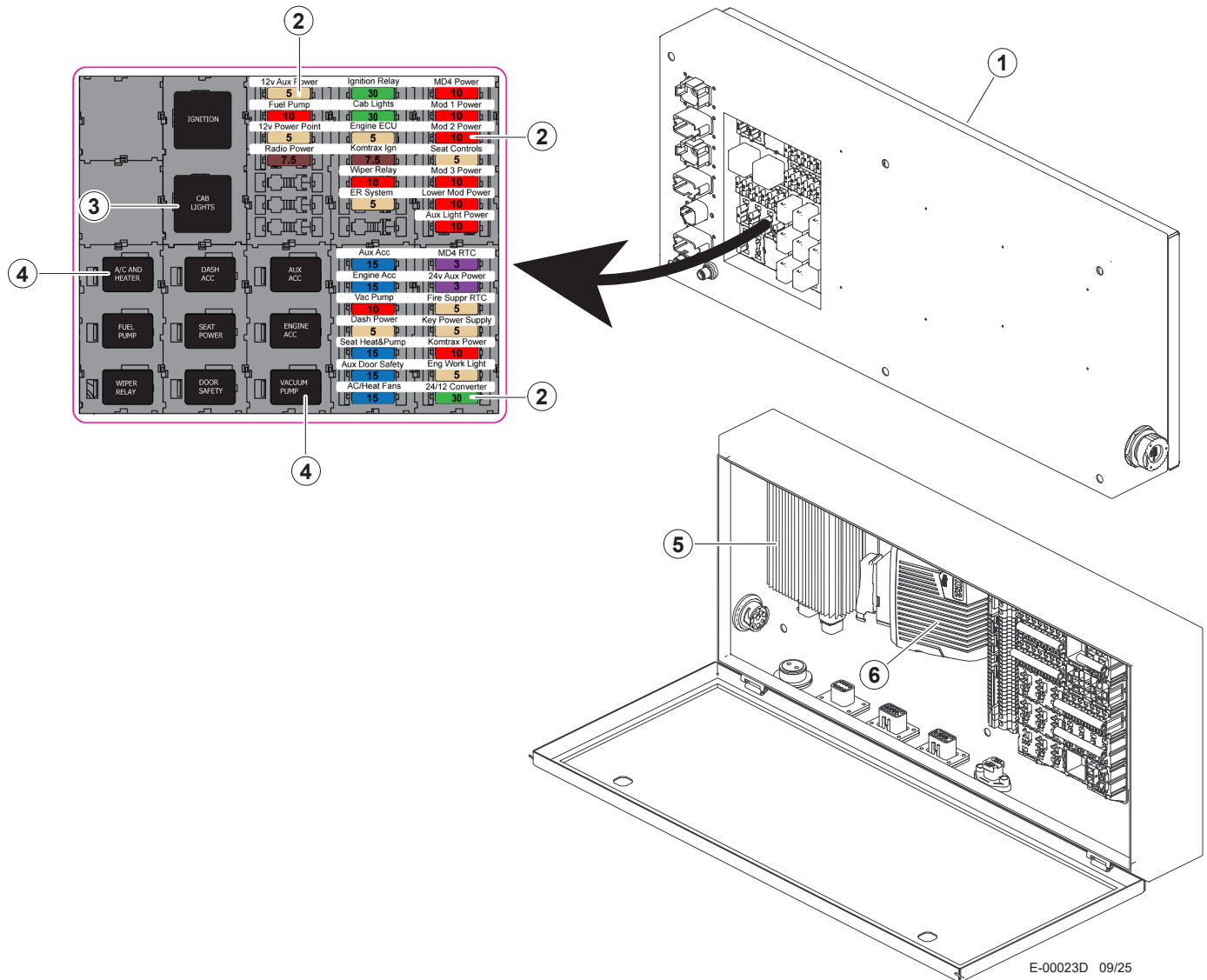


T6155 04/25

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	65269	1	BATTERY	
2	65270	1	RELAY	
3	65271	1	5 AMP DC/DC VOLTAGE-REDUCING	
4	65272	1	REMOTE CONTROL (NOT SHOWN)	
5	65273	1	DIODE (NOT SHOWN)	
6	65274	1	ENCLOSURE	
7	65275	1	CONNECTOR	
8	65276	7	PIN (NOT SHOWN)	
9	65277	1	WEDGELOCK	
10	46229	1	FUSE HOLDERS (NOT SHOWN)	
11	47405	1	BLADE FUSES (NOT SHOWN)	
12	P811ULRL03.00XOH	1	NEOPRENE FOAM STRIP	
13	94985K42	1	2"X 3" HOOK AND LOOP TAPE (NOT SHOWN)	
14	91813A150	5	STEEL HEX NUT	
15	90272A245	5	PAN HEAD PHILLIPS SCREW	
16	92917A135	5	GENERAL PURPOSE WASHERS	

OPERATOR CAB ELECTRICAL SYSTEM

MAIN ELECTRICAL CENTER ASSEMBLY - (UP TO SN. 1180)

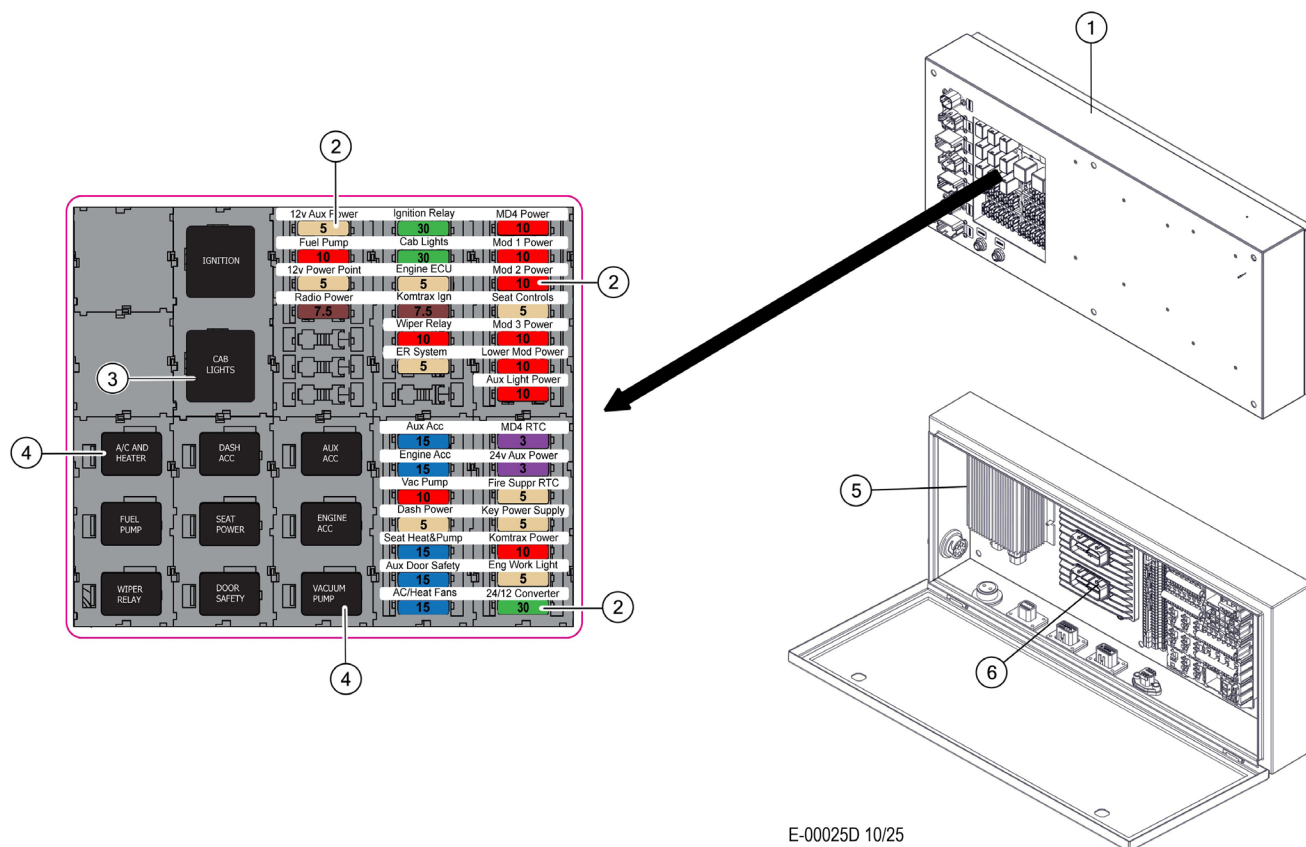


E-00023D 09/25

Item	Part #	Description	Qty.
1	55189	LOAD CENTER	1
2	50401	FUSE, ATO - 30 AMP (SPADE STYLE)	3
	24511	FUSE, ATO - 3 AMP (SPADE STYLE)	2
	24533	FUSE, ATO - 5 AMP (SPADE STYLE)	9
	24534	FUSE, ATO - 7.5 AMP (SPADE STYLE)	2
	24512	FUSE, ATO - 10 AMP (SPADE STYLE)	10
	50400	FUSE, ATO - 15 AMP (SPADE STYLE)	5
3	24323	RELAY, 24-VOLT (MAIN ELEC 30 AMP)	2
4	53645	RELAY, ZETTLER AZ988-1C-24DE-C1	9
5	55483	CONVERTER, 24V TO 12V	1
6	53095	MODULE, XA2 - IQAN	2

OPERATOR CAB ELECTRICAL SYSTEM

MAIN ELECTRICAL CENTER ASSEMBLY - (SN. 1181 & FORWARD)

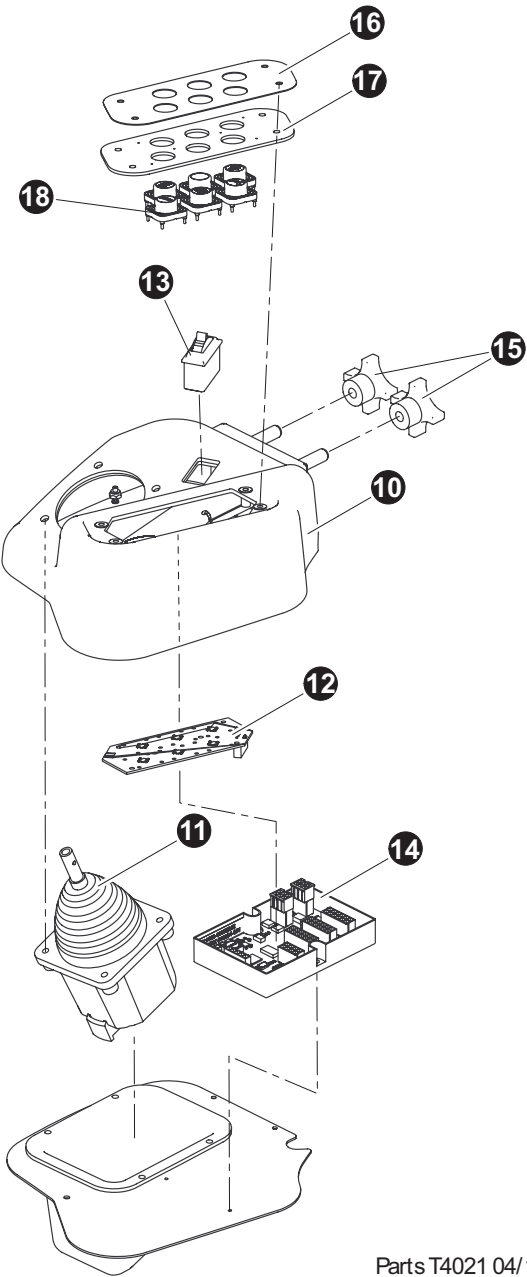
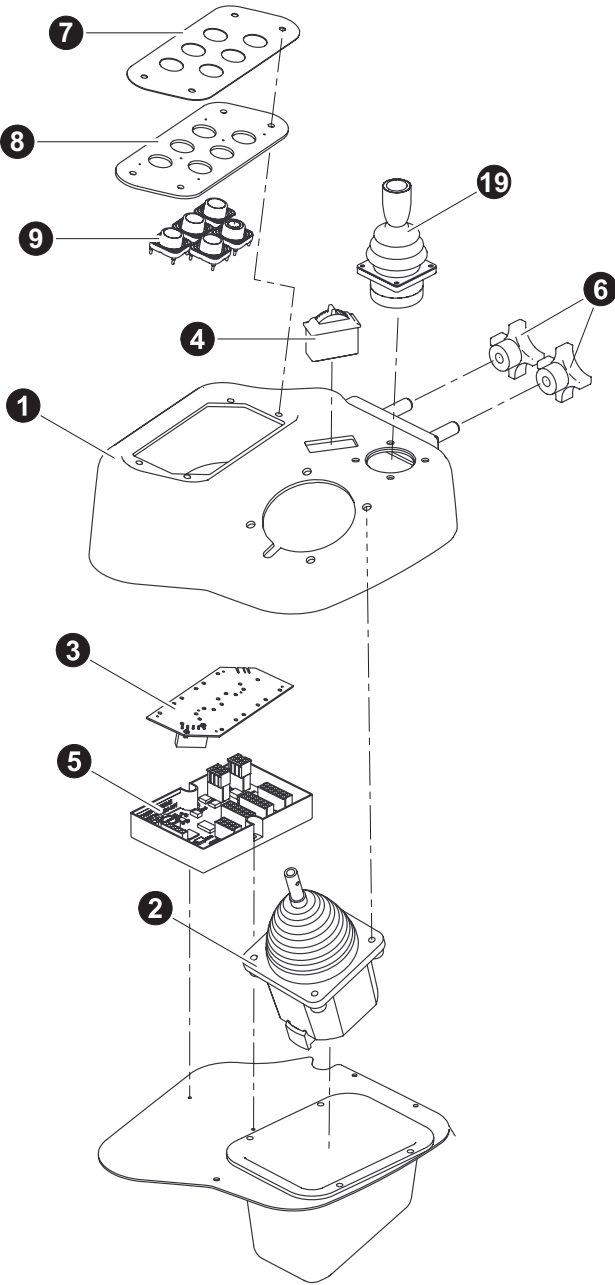


E-00025D 10/25

Item	Part #	Description	Qty.
1	669520	LOAD CENTER, E-MODEL MACHINE	1
2	24533	FUSE, ATO - 5 AMP (SPADE STYLE)	9
	24511	FUSE, ATO - 3 AMP (SPADE STYLE)	2
	50401	FUSE, ATO - 30 AMP (SPADE STYLE)	3
	24534	FUSE, ATO - 7.5 AMP (SPADE STYLE)	2
	24512	FUSE, ATO - 10 AMP (SPADE STYLE)	10
	50400	FUSE, ATO - 15 AMP (SPADE STYLE)	5
3	24323	RELAY, 24-VOLT (MAIN ELEC 30 AMP)	2
4	53645	RELAY, ZETTLER AZ988-1C-24DE-C1	9
5	55483	CONVERTER, 24V TO 12V	1
6	669510	MODULE, EXPANSION - IQAN XC43	1

OPERATOR CAB ELECTRICAL SYSTEM

IQAN LEFT AND RIGHT CONTROL PODS



Parts T4021 04/15
18.75

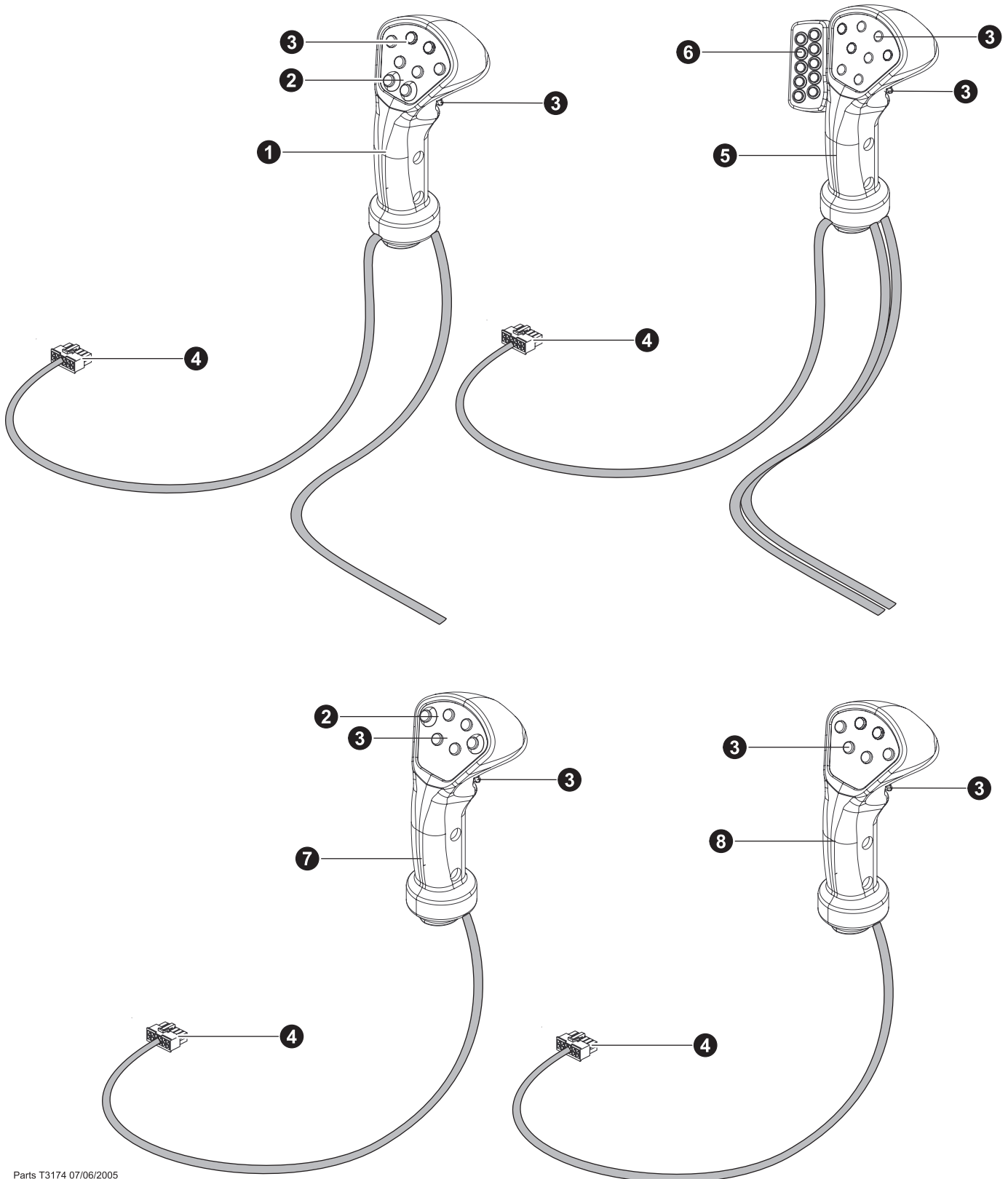
OPERATOR CAB ELECTRICAL SYSTEM

IQAN LEFT AND RIGHT CONTROL PODS

REF	PART #	QTY	DESCRIPTION
1	55422	1	POD, JOYSTICK - RH (C&D RH TRACK)
2	54126	1	JOYSTICK, MDL (P&G) CAN RIGHT
3	55666	1	Panel, 6-Switch RIGHT Side
4	55703	1	THUMBWHEEL - Travel Speed
5	55707	1	BOARD, CAN DRIVER - RH (PLASTIC POD)
6	(CALL)	2	KNOB
7		1	COVER, SWITCHES
8		1	SPACER, SWITCHES
9		1	BUTTON, BLANK
-		1	BUTTON, DISC SAW
-		1	BUTTON, MOTOR SHIFT
10	55417	1	POD, JOYSTICK - LH (C&D SERIES) WHEEL/TRACK
11	54125	1	JOYSTICK, MDL (P&G) CAN LEFT
12	55667	1	Panel, 6-Switch LEFT Side
13	55703	1	THUMBWHEEL - Engine Speed
14	55708	1	BOARD, CAN DRIVER - LH (PLASTIC POD)
15	(CALL)	2	KNOB
16		1	COVER, SWITCHES
17		1	SPACER, SWITCHES
18		1	BUTTON, BLANK
-		1	BUTTON, ARMING
-		1	BUTTON, CHARGE HEATER
-		1	BUTTON, PARKING BRAKE
-		1	BUTTON, HORN
-		1	BUTTON, AUTO THROTTLE
19	57423	1	JOYSTICK, STEER - PLASTIC POD

OPERATOR CAB ELECTRICAL SYSTEM

HAND CONTROL BREAKDOWN



Parts T3174 07/06/2005
50.00

OPERATOR CAB ELECTRICAL SYSTEM

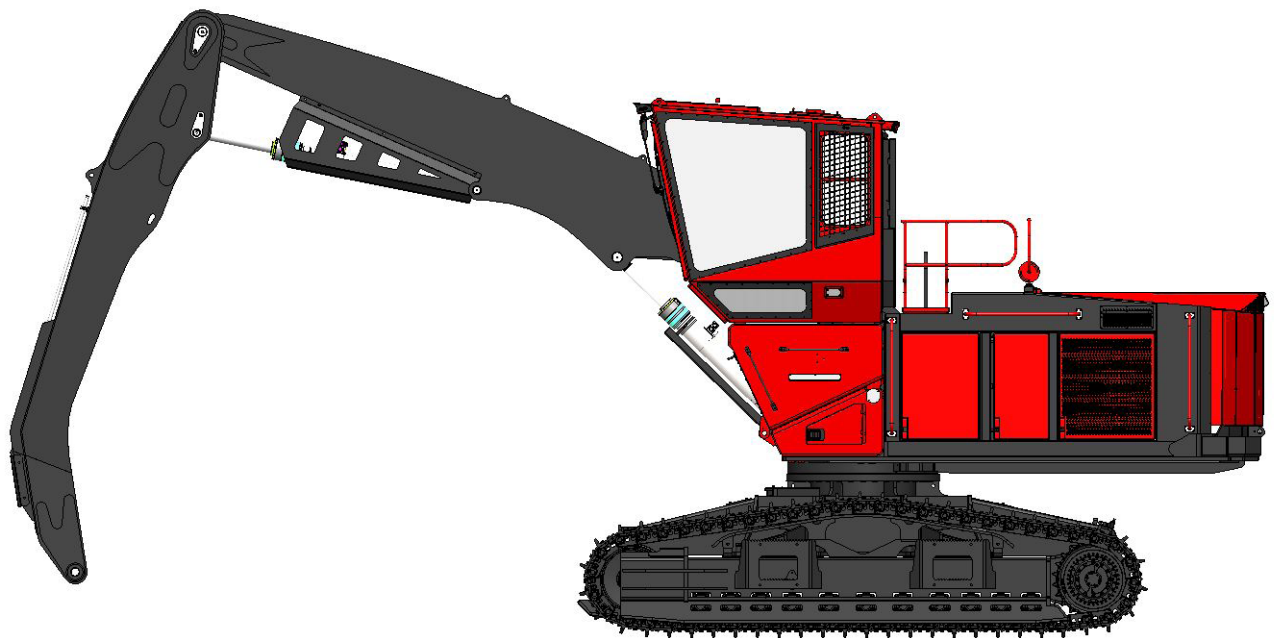
HAND CONTROL BREAKDOWN

REF	PART #	QTY	DESCRIPTION
1	51567	-	HAND CONTROL, SURE GRIP - LH
2	51947	2	SWITCH, PUSH BUTTON REPAIR KIT (PROPORTIONAL)
-	52094	2	KIT, REPAIR - PROPORTIONAL BUTTON COVER
3	20961	8	SWITCH, PUSH BUTTON (DIGITAL)
4	(CALL)	1	CONNECTOR, PLUG - 12 PIN MOLEX
5	51566	-	HAND CONTROL, PROCESSOR, RH, KEYPAD
6	52095	10	SWITCH, PUSH BUTTON (SURE GRIP KEYPAD)
7	55656	-	HAND CONTROL, UPPER - SURE GRIP - Digital and Proportional
8	55655	-	HAND CONTROL, UPPER - SURE GRIP - Digital Buttons Only

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

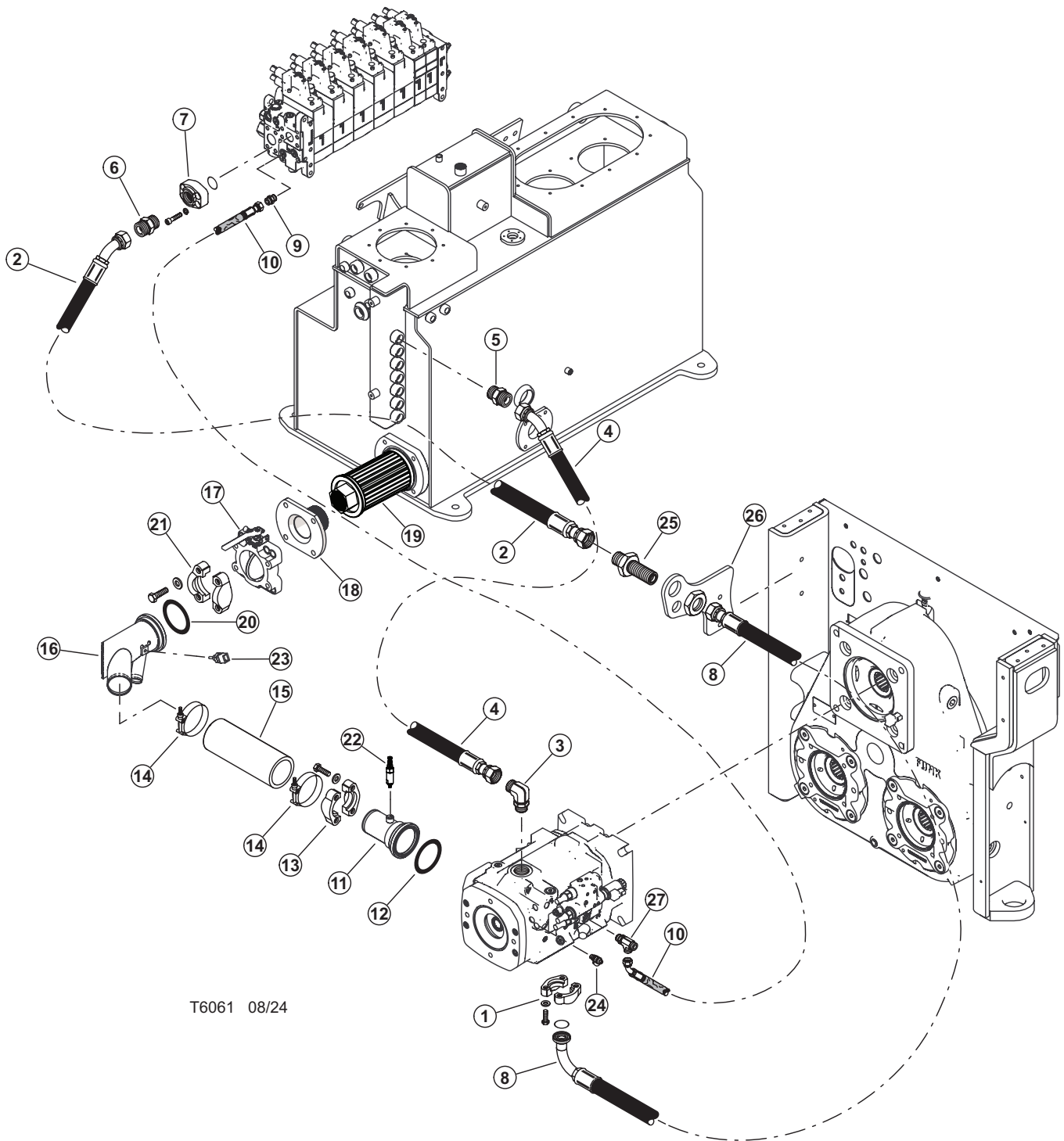
SECTION LLH-1

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION



LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

210 CC IMPLEMENT PUMP INSTALLATION



T6061 08/24

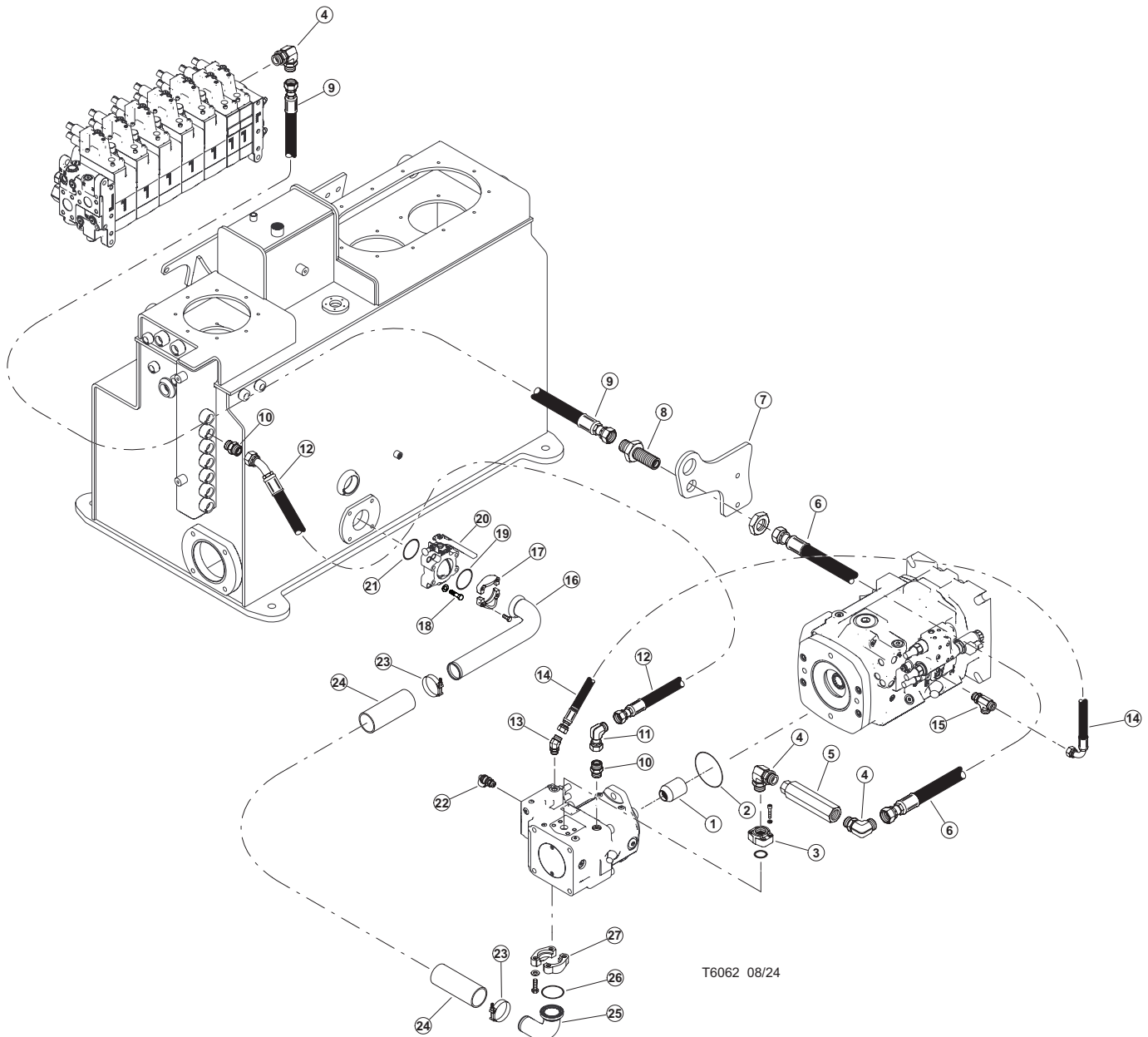
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

210 CC IMPLEMENT PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	(CALL)	1	SPLIT FLANGE
2	(KIT - 59057)	1	HOSE ASSY - 787TC43.5 24-24OS-2404-SW
3	15228	1	ELBOW, 90 - FF1868T-1616S
4	(KIT - 59057)	1	HOSE ASSY - 187TC46 16-16OS-16O4
5	18406	1	CONNECTOR, STR - FF1852T-1612S
6	(CALL)	1	CONNECTOR, STR - F5OLO-S 20 ORB-24ORF ST
7	17016	1	#20 CODE 62 BLOCK
8	(KIT - 59057)	1	HOSE ASSY - 787TC51.5 24-24OS-24PH9-SW
9	18034	1	CONNECTOR, STR - FF1852T-0606S
10	(KIT - 59057)	1	HOSE ASSY - 787TC107 06-06OS-06O4-W
11	60835	1	TUBE, SUCTION
12	58992	1	O-RING, SUCTION ELBOW
13	58139	1	FLANGE, 13001H-5656K
14	15613	2	CLAMP, STRAP BAND - 3.5"
15	(KIT - 59057)	1	SUCTION HOSE - 811HT23.5 48-0-0
16	42461	1	TUBE, SUCTION - 4" FLANGE - W/ DISC SAW
17	54786	1	VALVE, BUTTERFLY (4")
18	42306	1	PLATE, INTER.-SUCTION PORT 100mm VALVE
19	15842	1	FILTER, SCREEN - IMPLEMENT
20	51726	1	ORING, HDYRAULIC TANK
21	51625	1	KIT, FLANGE - SUCTION TUBE (4")
22	55615	1	FITTING, ADAPTOR - BLEED - SUCTION TUBE
23	24531	1	TRANSDUCER, HYD TEMP
24	57820	1	TAP, GAUGE PORT # 6 SAE - Oring Boss
25	(CALL)	1	#24 STR BULKHEAD FITTING
26	62621	1	PLATE, PUMP FEED PSI BH
27	55701	1	FITTING, TEE - 6 R5OX-S

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

60 CC AUXILIARY HYDRAULIC PUMP INSTALLATION



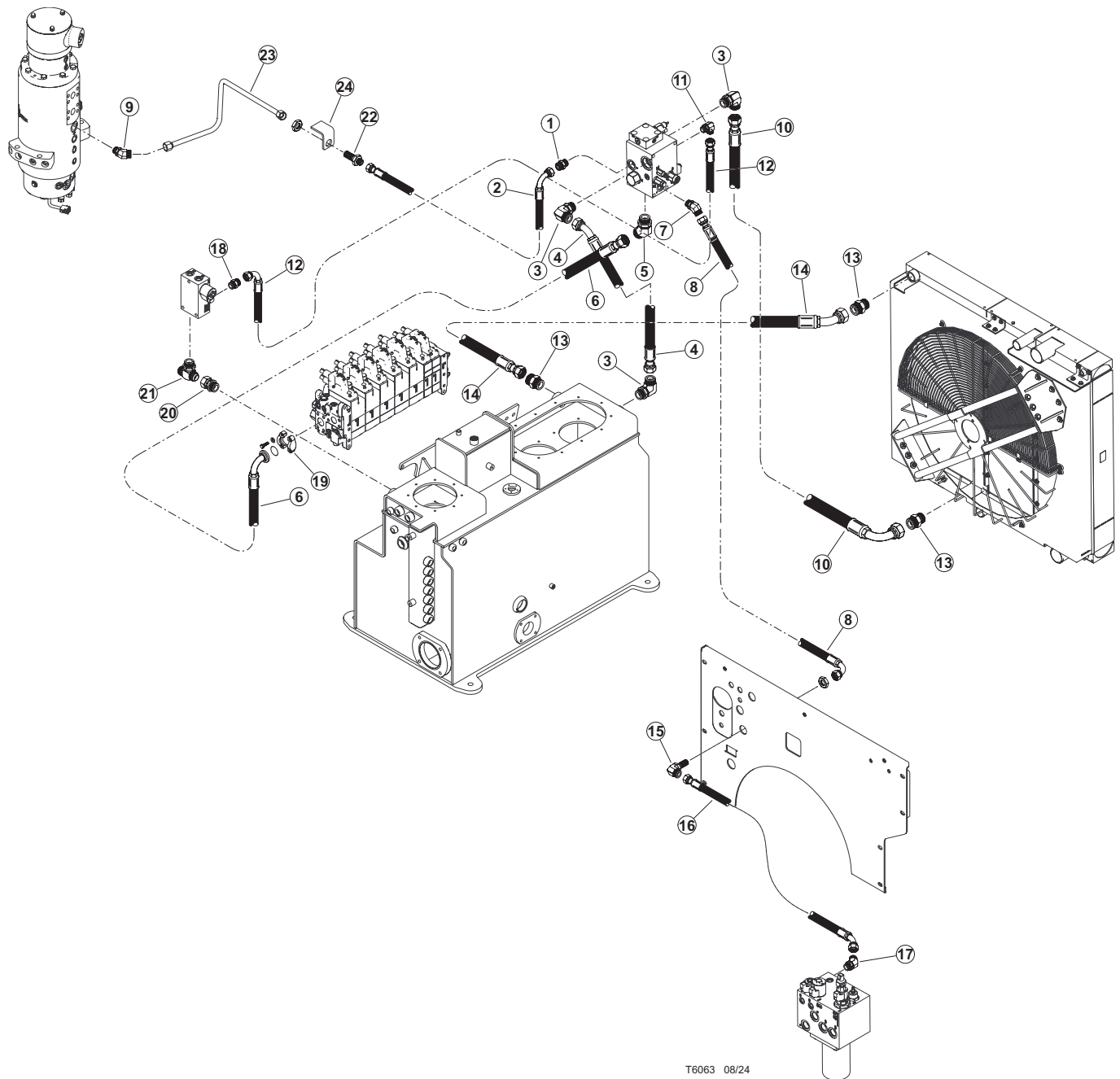
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

60 CC AUXILIARY HYDRAULIC PUMP INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	(CALL)	1	COUPLER
2	58256	1	O-RING, THRU-DRIVE
3	19808	1	CONNECTOR, FLANGE PAD -FP62-12-12ORB-MK
4	19128	3	ELBOW, 90 - FF1868T-1216S
5	54192	1	VALVE, CHECK - DUAL FLOW (1" - 7 PSI)
6	(KIT - 59057)	1	HOSE ASSY - 787TC32.5 16-16OS-16OS-SW
7	62621	1	PLATE, PUMP FEED PSI BH
8	20033	1	CONNECTOR, STR BULKHEAD - 832-TT-16
9	(KIT - 59057)	1	HOSE ASSY - 787TC84 16-16OS-16OS-SW
10	15152	2	CONNECTOR, STR - FF1852T-1212S
11	17670	1	ELBOW, 90 SWIVEL - FF2098T-1212S
12	(KIT - 59057)	1	HOSE ASSY - 187TC50 12-12OS-12O4
13	17646	1	ELBOW, 45 - FF2068T-0406S
14	(KIT - 59057)	1	HOSE ASSY - 387TC28 06-06OS-06O9
15	55701	1	FITTING, TEE - 6 R5OX-S
16	62618	1	WELDMENT, SUCTION TUBE~DISC
17	15193	1	KIT, SPLIT FLANGE - 2.5" (CODE 61)
18	15551	4	BOLT - 12MM-1.75P X 40MM
19	(CALL)	1	O-RING
20	57834	1	VALVE, BUTTERFLY (2.5") - DISC SAW
21	(CALL)	1	O-RING
22	57819	1	TAP, GAUGE PORT - #4 SAE Oring Boss- ST
23	(CALL)	2	CLAMP
24	(KIT - 59057)	1	SUCTION HOSE - 811HT44.5 32-0-0
25	55713	1	FLANGE, ELBOW - 1988-32-32
26	(CALL)	1	O-RING
27	21226	1	KIT, SPLIT FLANGE - 2.0" (CODE 61)

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HOC MANIFOLD & HYDRAULIC OIL COOLER CONNECTIONS



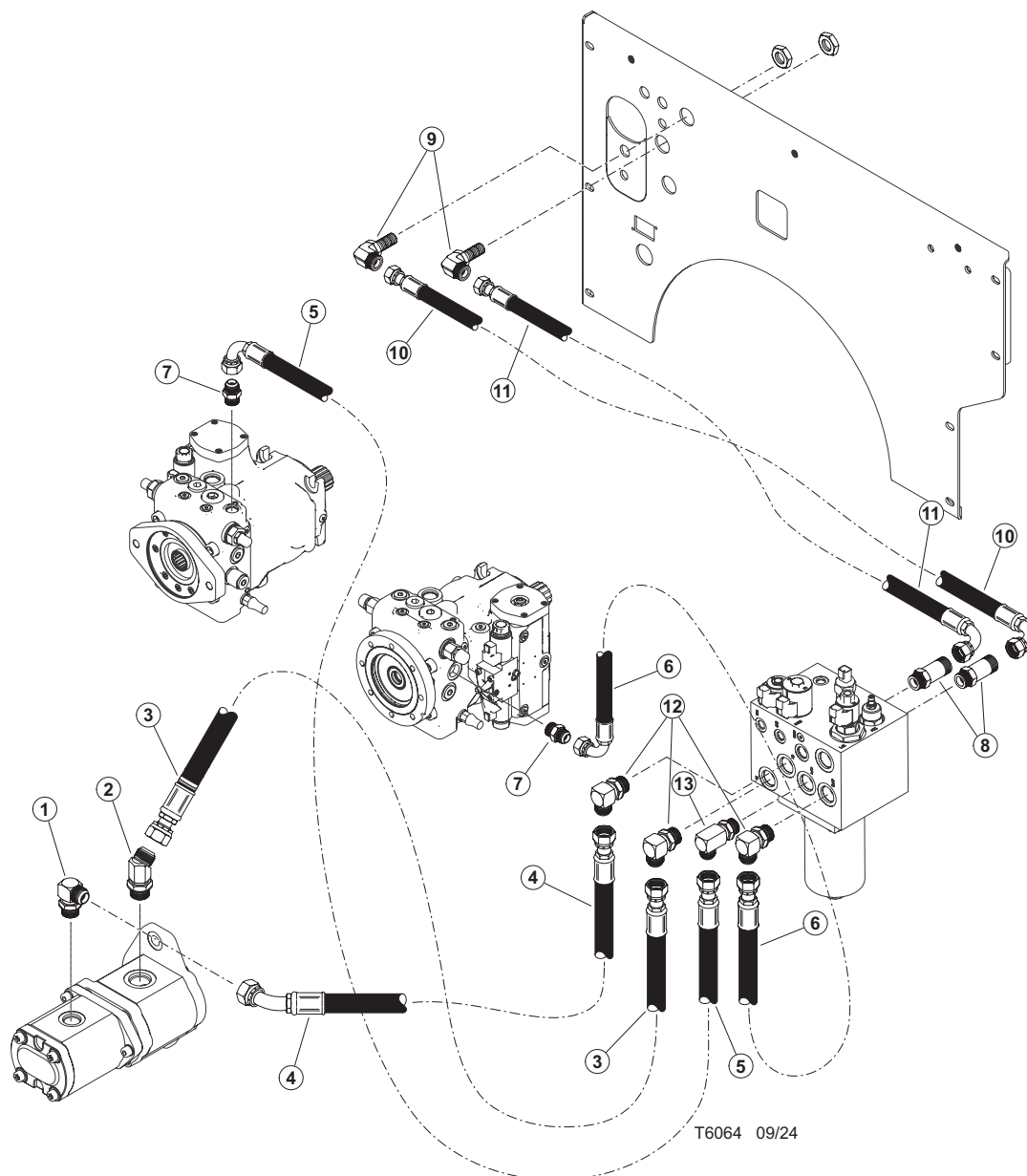
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HOC MANIFOLD & HYDRAULIC OIL COOLER CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	15226	1	CONNECTOR, STR - FF1852T-1216S
2	(KIT - 59057)	1	HOSE ASSY - 187TC89 12-12JS-12O9-SW - (FLUSH)
3	59007	3	FITTING, 24-C5OLO-S
4	(CALL)	1	HOSE ASSY - 187TC40 24-24OS-24O4 - (HOC TO TANK)
5	24257	1	ELBOW, 45 - FF2068T-2424S
6	(KIT - 59057)	1	HOSE ASSY - 187TC68 24-24OS-24PH9-SW - (VALVE TO HOC)
7	15485	1	ELBOW, 45 - 6802-12-16
8	(KIT - 59057)	1	HOSE ASSY - 387TC103 12-12OS-12J9-SW
9	15474	1	ELBOW, 45 - 6802-12
10	(KIT - 59057)	1	HOSE ASSY - 187TC83 24-24OS-24O9-SW - (HOC TO COOLER)
11	16360	1	ELBOW, 90 - FF1868T-0808S
12	(KIT - 59057)	1	HOSE ASSY - 387TC64 08-08OS-08O9-SW - (HOC TO CASE DRAIN MANIFOLD)
13	58259	2	FITTING, STRAIGHT 24 FF50LO-S
14	(KIT - 59057)	1	HOSE ASSY - 187TC21 24-24OS-24O4 - (COOLER RETURN TO TANK)
15	54704	1	ELBOW, 90 BULK 12 WETX-WLN-S
16	656840	1	HOSE ASSY - 722TC19 12-12JS-12J4
17	19127	1	ELBOW, 45 - FF2068T-1212S
18	15117	1	CONNECTOR, STR - FF1852T-0808S
19	15186	1	KIT, SPLIT FLANGE - 1.5" (CODE 61)
21	55622	1	TEE, BRANCH - STRAIGHT THREAD #16
20	57513	1	FITTING, 16F65OX-S
22	18781	1	CONNECTOR, STR BULKHEAD - 2705-1212
23	62574	1	TUBELINE, -12, ROT MAN - LL
24	48247	1	BULKHEAD MOUNT

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE MANIFOLD HYD. HOSE CONNECTIONS



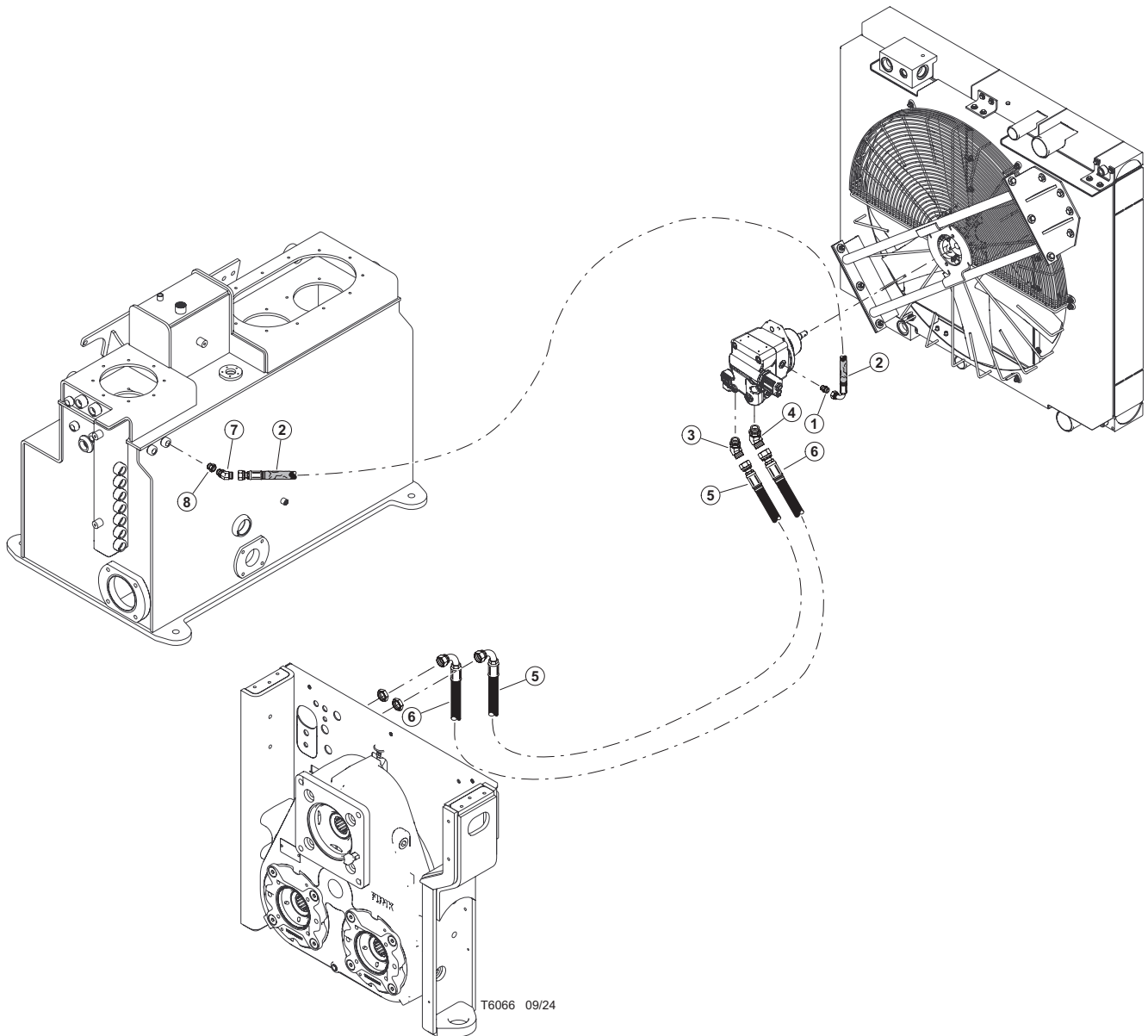
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE MANIFOLD HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	53032	1	ELBOW, 90 - 12 JIC X 10 ORB
2	15474	1	ELBOW, 45 - 6802-12
3	656850	1	HOSE, HYD, 722TC16.5 12-12JS-12JS
4	656900	1	HOSE, HYD, 187TC22 12-12JS-12J4
5	656890	1	HOSE, HYD, 187TC30 12-12JS-12J9
6	656880	1	HOSE, HYD, 187TC18.5 12-12JS-12J9
7	15494	2	CONNECTOR, STR - 6400-12-10
8	19092	2	CONNECTOR, STR LONG - 848L-TTO-12X12
9	54704	2	ELBOW, 90 BULK 12 WETX-WLN-S
10	656870	1	HOSE, HYD, 187TC20.5 12-12JS-12J9
11	656860	1	HOSE, HYD, 187TC19 12-12JS-12J9
12	11306	3	ELBOW, 90 12 C5OX-S
13	58379	1	ELBOW, LONG, 3/4 JIC(M) - 3/4 ORB(M)

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HYD. COOLER FAN MOTOR HOSE CONNECTIONS



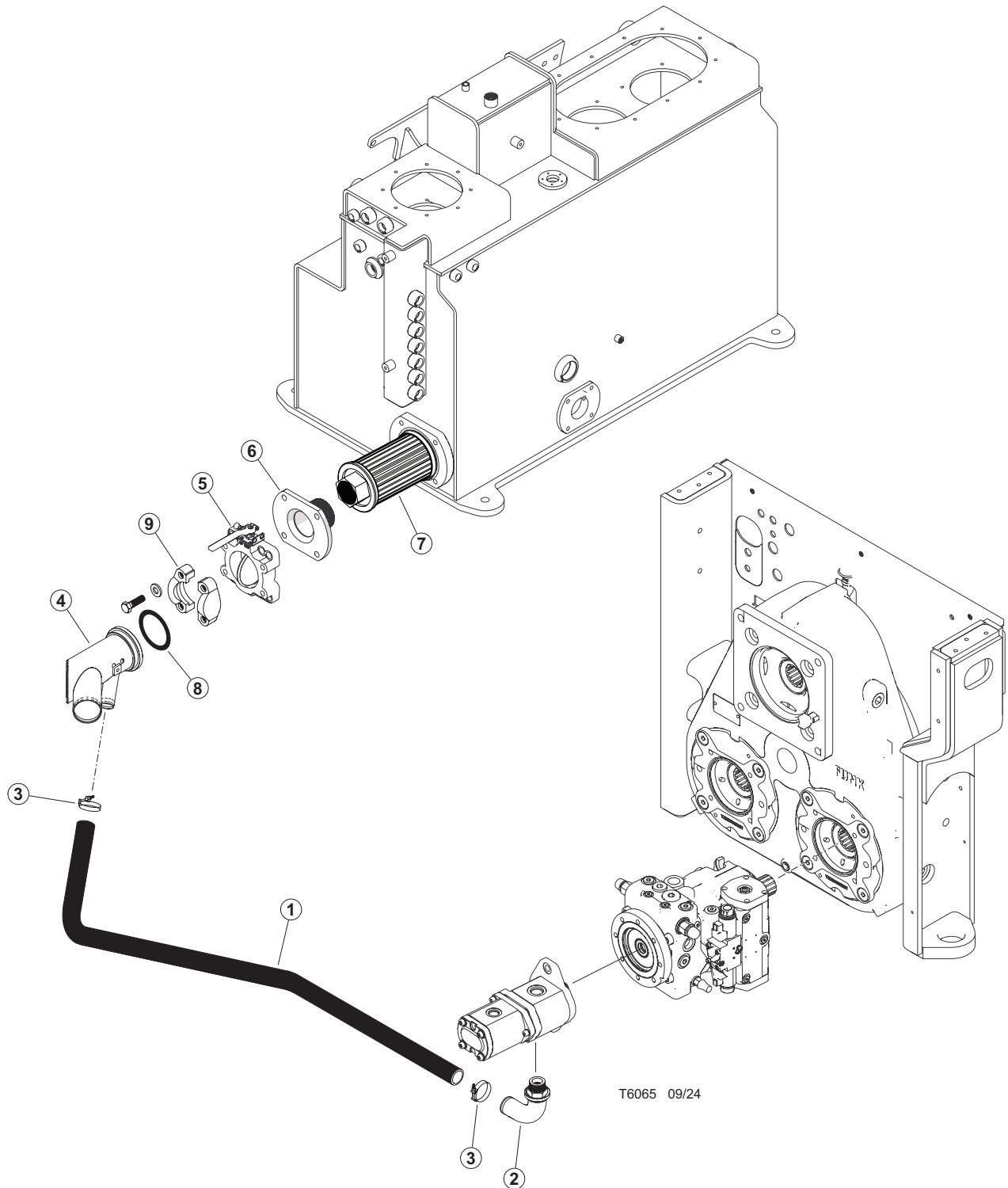
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

HYD. COOLER FAN MOTOR HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	15152	1	CONNECTOR, STR - FF1852T-1212S
2	(KIT - 59057)	1	HOSE ASSY - 387TC95 06-06OS-06O9 - (FAN MOTOR CASE DRAIN TO TANK)
3	19127	1	ELBOW, 45 - FF2068T-1212S
4	16460	1	ELBOW, 45 - FF2068T-1616S
5	(KIT - 59057)	1	HOSE ASSY - 187TC92 12-16OS-12J9 - (FAN MOTOR RETURN)
6	(KIT - 59057)	1	HOSE ASSY - 387TC88 12-12OS-12J9 - (FAN MOTOR PRESSURE)
7	(CALL)	1	ELBOW, 45 6-6
8	15630	1	BUSHING, REDUCER - 5406-8-6

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE PUMP SUCTION COMPONENTS



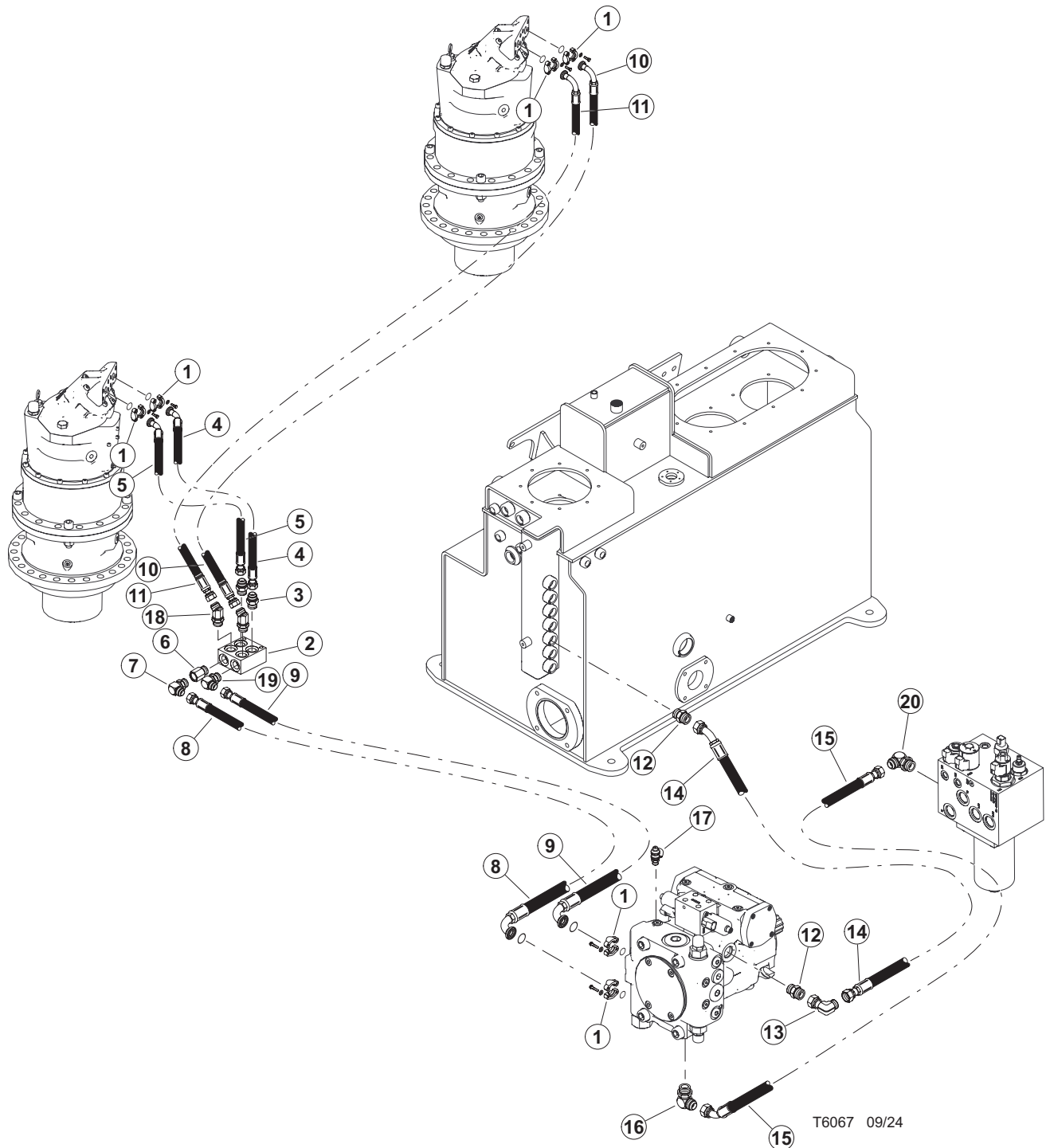
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE PUMP SUCTION COMPONENTS

REF	PART #	QTY	DESCRIPTION
1	(KIT - 59057)	1	HOSE ASSY - 811HT45 24-0-0 (CHARGE PUMP SUCTION)
2	57663	1	FITTING, ELBOW - HOSE END 90°
3	55614	2	CLAMP, CONSTANT TORQUE - 1.75"
4	42461	1	TUBE, SUCTION - 4" FLANGE - W/ DISC SAW
5	54786	1	VALVE, BUTTERFLY (4")
6	42306	1	PLATE, INTER.-SUCTION PORT 100mm VALVE
7	15842	1	FILTER, SCREEN - IMPLEMENT
8	51726	1	ORING, HDYRAULIC TANK
9	51625	1	KIT, FLANGE - SUCTION TUBE (4")

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CIRCUIT HYD. HOSE CONNECTIONS



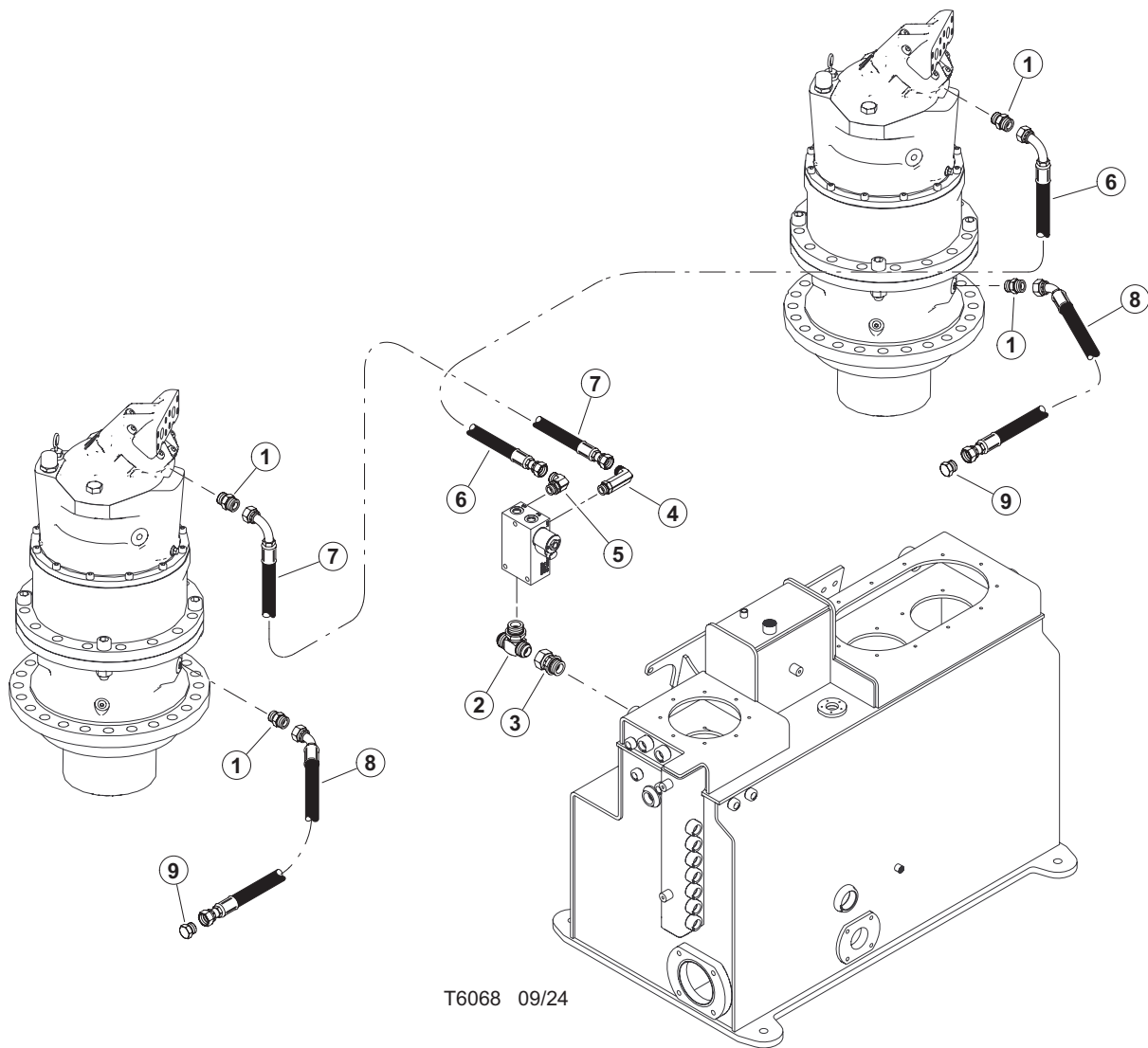
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CIRCUIT HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	16660	4	KIT, SPLIT FLANGE - .75 (CODE 62)
2	57284	1	MANIFOLD, SWING COMBINE FLOW
3	11324	2	CONNECTOR, STR - 6400-12
4	(KIT - 59057)	1	HOSE ASSY - 797TC23.5 12-12OS-12PH4
5	(KIT - 59057)	1	HOSE ASSY - 797TC23.5 12-12OS-12PH4
6	19291	1	BUSHING, REDUCER - 6410-12-16
7	15228	1	ELBOW, 90 - FF1868T-1616S
8	(KIT - 59057)	1	HOSE ASSY - 797TC88 16-16OS-16PH9-SW
9	(KIT - 59057)	1	HOSE ASSY - 797TC90 16-16OS-16PH9-SW
10	(KIT - 59057)	1	HOSE ASSY - 797TC134 12-12OS-12PH9
11	(KIT - 59057)	1	HOSE ASSY - 797TC128 12-12OS-12PH9
12	15152	2	CONNECTOR, STR - FF1852T-1212S
13	15477	1	ELBOW, 90 SWIVEL - 12 C6X-S
14	(KIT - 59057)	1	HOSE ASSY - 187TC46 12-12OS-12O4
15	(KIT - 59057)	1	HOSE ASSY - 722TC42 12-12JS-12J4-SW
16	53032	1	ELBOW, 90 - 12 JIC X 10 ORB
17	57819	1	TAP, GAUGE PORT - #4 SAE Oring Boss- ST
18	15474	1	ELBOW, 45 - 6802-12
19	21039	2	ELBOW, 45 - 16-12 V5OLO-S
20	11306	1	ELBOW, 90 12 C5OX-S

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CASE DRAIN HYD. HOSE CONNECTIONS



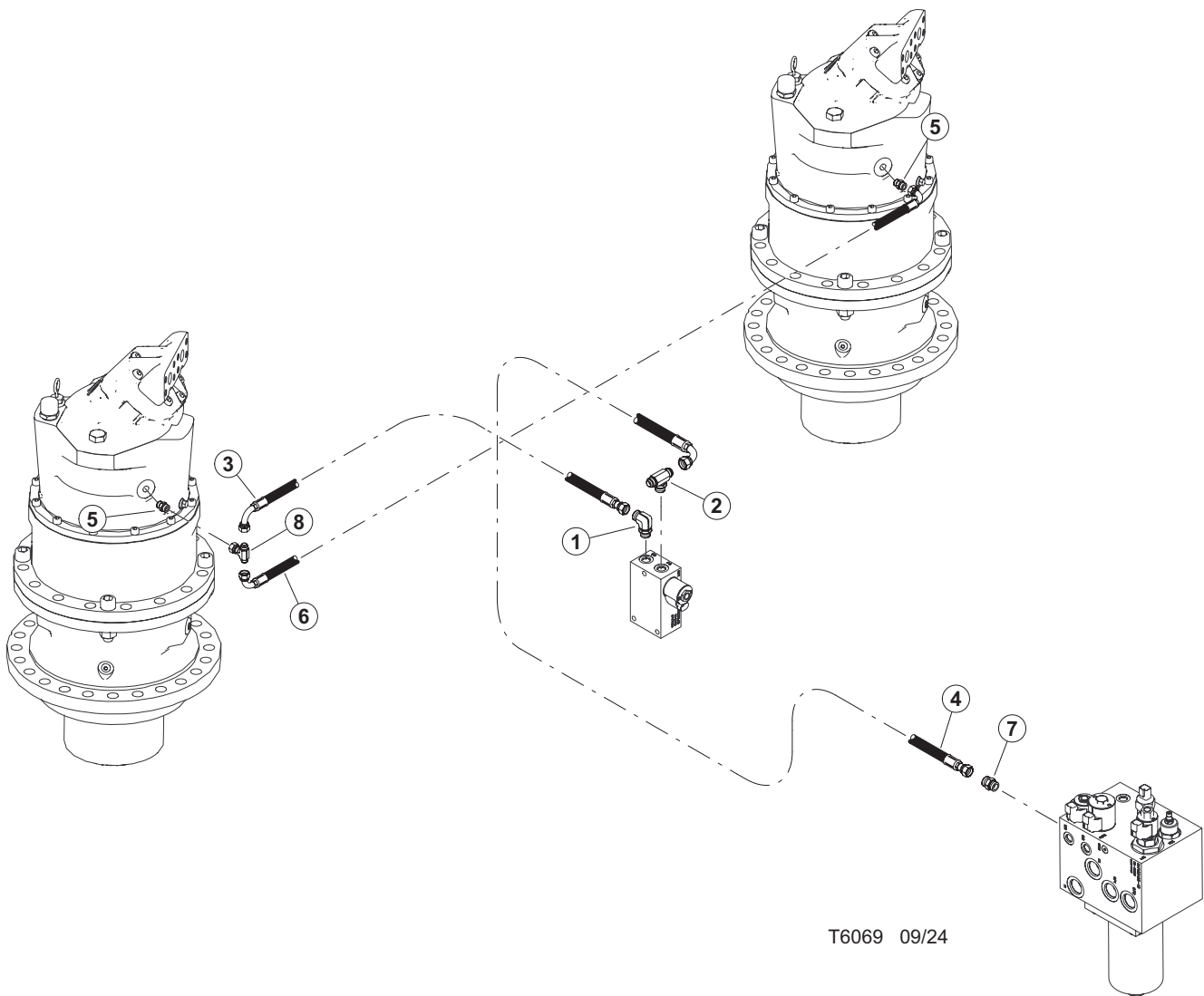
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING CASE DRAIN HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	24182	4	CONNECTOR, STR - 6002-08-8BSPP
2	55622	1	TEE, BRANCH - STRAIGHT THREAD #16
3	57513	1	FITTING, 16F65OX-S
4	54810	1	ELBOW, 90* LONG -8 JIC
5	15481	1	ELBOW, 90 - 6801-8
6	(KIT 59057)	1	HOSE ASSY - 187TC113 08-08JS-08O9 - (CASE DRAIN - RIGHT MOTOR)
7	(KIT 59057)	1	HOSE ASSY - 187TC49 08-08JS-08O9 - (CASE DRAIN - LEFT MOTOR)
8	(KIT 59057)	2	HOSE ASSY - 187TC36 08-08OS-08O9 - (DRAIN)
9	16032	2	PLUG - FF9767-08S

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING BRAKE HYD. HOSE CONNECTIONS



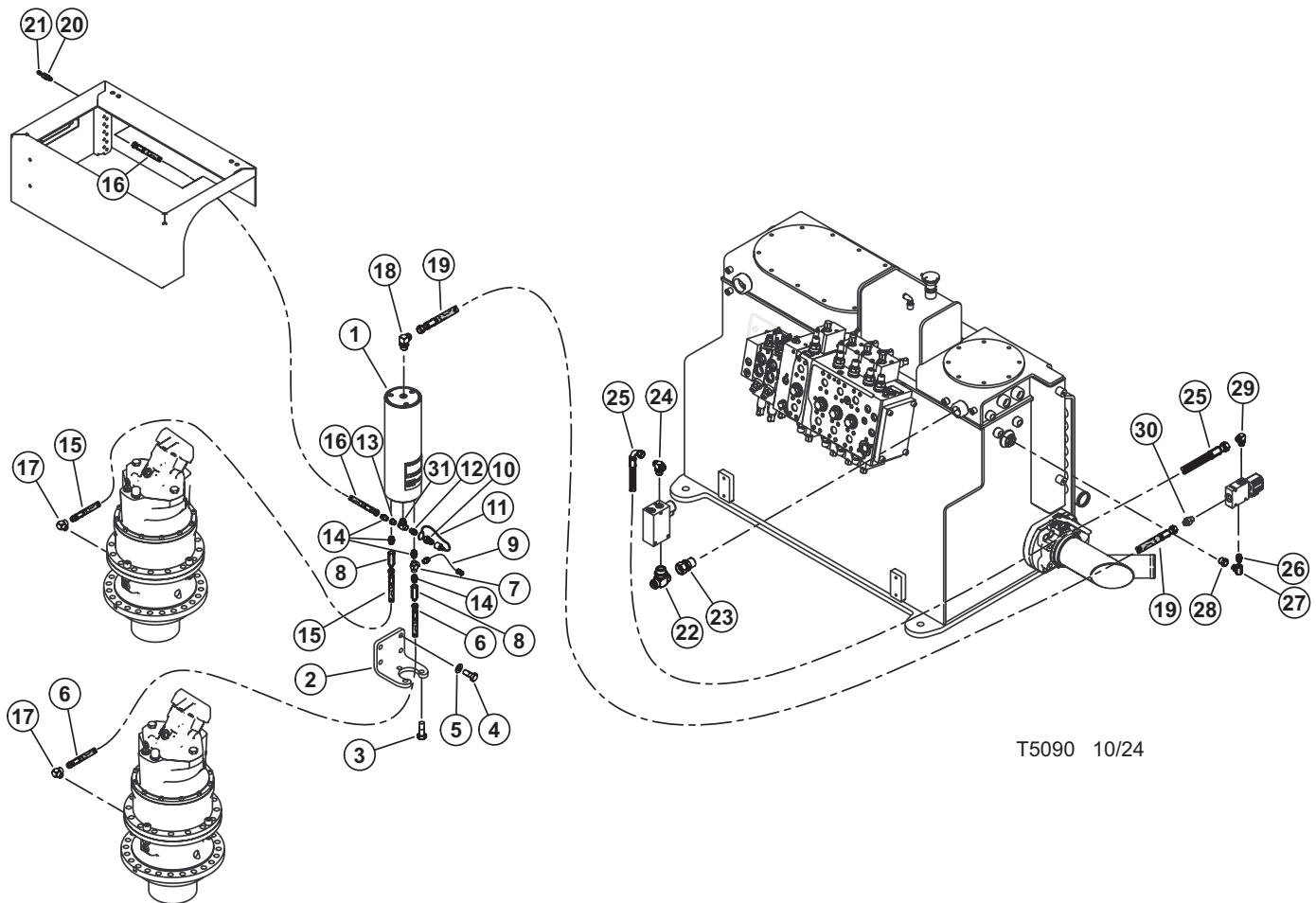
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

SWING BRAKE HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	51931	1	ELBOW, 90 - 4-6 C50X-S (JIC)
2	51853	1	TEE, BRANCH - 6 G5G5JA0-S
3	(KIT 59057)	1	HOSE ASSY - 387TC92 04-04OS-04O9-W
4	(KIT 59057)	1	HOSE ASSY - 387TC61 04-04JS-04O9
5	19469	2	CONNECTOR, STR METRIC - 4M12F82EDMLO-S
6	(KIT 59057)	1	HOSE ASSY - 387TC97 04-04OS-04O9-W
7	18034	1	CONNECTOR, STR - FF1852T-0606S
8	23541	1	TEE - 4 S6LO-S

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

(AUTO GREASE SYSTEM INSTALLATION)(SWING DRIVE GEARCASE BEARING)



T5090 10/24

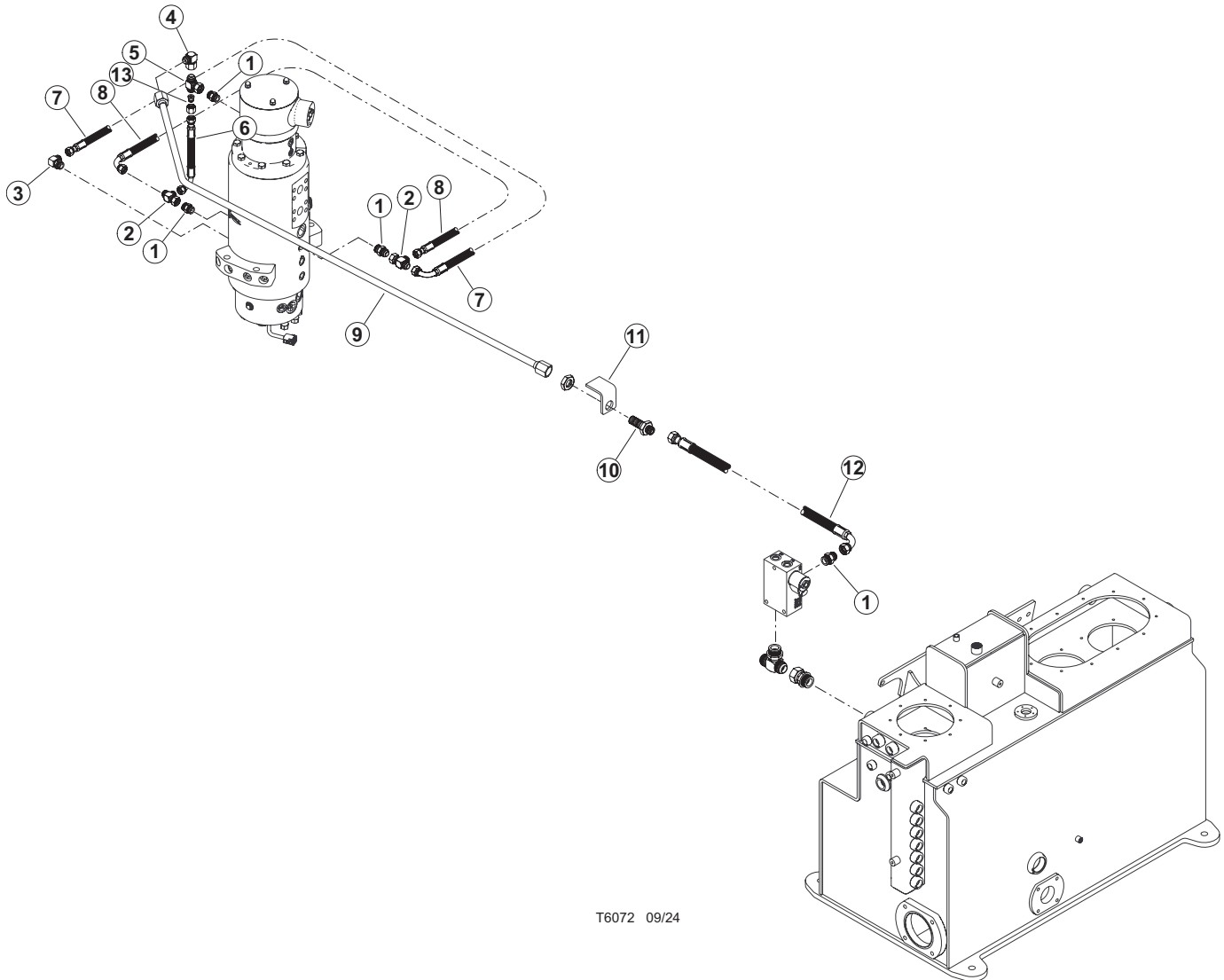
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

(AUTO GREASE SYSTEM INSTALLATION)(SWING DRIVE GEARCASE BEARING)

REF	PART #	QTY	DESCRIPTION
1	57303	1	ACCUMULATOR, GREASE SYSTEM
2	48344	1	PLATE, GREASE TUBE MOUNT
3	(CALL)	2	BOLT - M12-1.75 X 30MM
4	10402	2	BOLT - .375" X 1.25"
5	15528	2	WASHER, SAE FLAT - .375"
6	(See Description)	1	HOSE ASSY. - (PART # HLBD115 02-02PS-04JS-W) - Grease acc to right swing
7	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S
8	57498	2	VALVE, CHECK - ORIFICE GREASE SYSTEM
9	57596	1	TRANSDUCER, PRESSURE - GREASE SYSTEM
10	17307M	1	QUICK DISCONNECT - .5" (MALE)
11	17323F	1	COVER, DUST - QUICK DISCONNECT (FEMALE)17307M
12	53107	1	CONNECTOR, STR - 1/2 X 3/8 FF-S
13	16294	1	BUSHING, REDUCER - 6410-6-4
14	18034	2	CONNECTOR, STR - FF1852T-0606S
15	(See Description)	1	HOSE ASSY. - (PART # HLBD17 02-02PS-04JS-W) - Grease acc to left swing
16	(See Description)	1	HOSE ASSY. - (PART # HLBD130 02-02PS-04JS-W) - Grease acc fill
17	22281	2	ELBOW, 90 - 5546132
18	57586	1	ELBOW, 90 4-5 GREASE ACCUMULATOR
19	(See Description)	1	HOSE ASSY - (PART # 387TC102 04-04OS-04OS-W) - Greaser valve to acc
20	15658	1	CONNECTOR, STR BULKHEAD - 2239-2-4S
21	10704	1	GREASE ZERT - STR
22	55622	1	TEE, BRANCH - STRAIGHT THREAD #16
23	15497	1	CONNECTOR, STR - 16 F5OX-S
24	55701	1	FITTING, TEE - 6 R5OX-S
25	(See Description)	1	HOSE ASSY - (PART # 387TC16.5 06-06JS-06J9-W) - Grease valve to charge
26	18034	2	CONNECTOR, STR - FF1852T-0606S
27	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S
28	22909	1	BUSHING, REDUCER - 6410-8-6
29	15480	1	ELBOW, 90 - 6801-6
30	54809	1	CONNECTOR, STR - 4 JIC x -6 ORB
31	55633	1	FITTING, TEE - MALE RUN #6 - 6 AOG5JG5-S

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

EVO DRAIN CIRCUIT



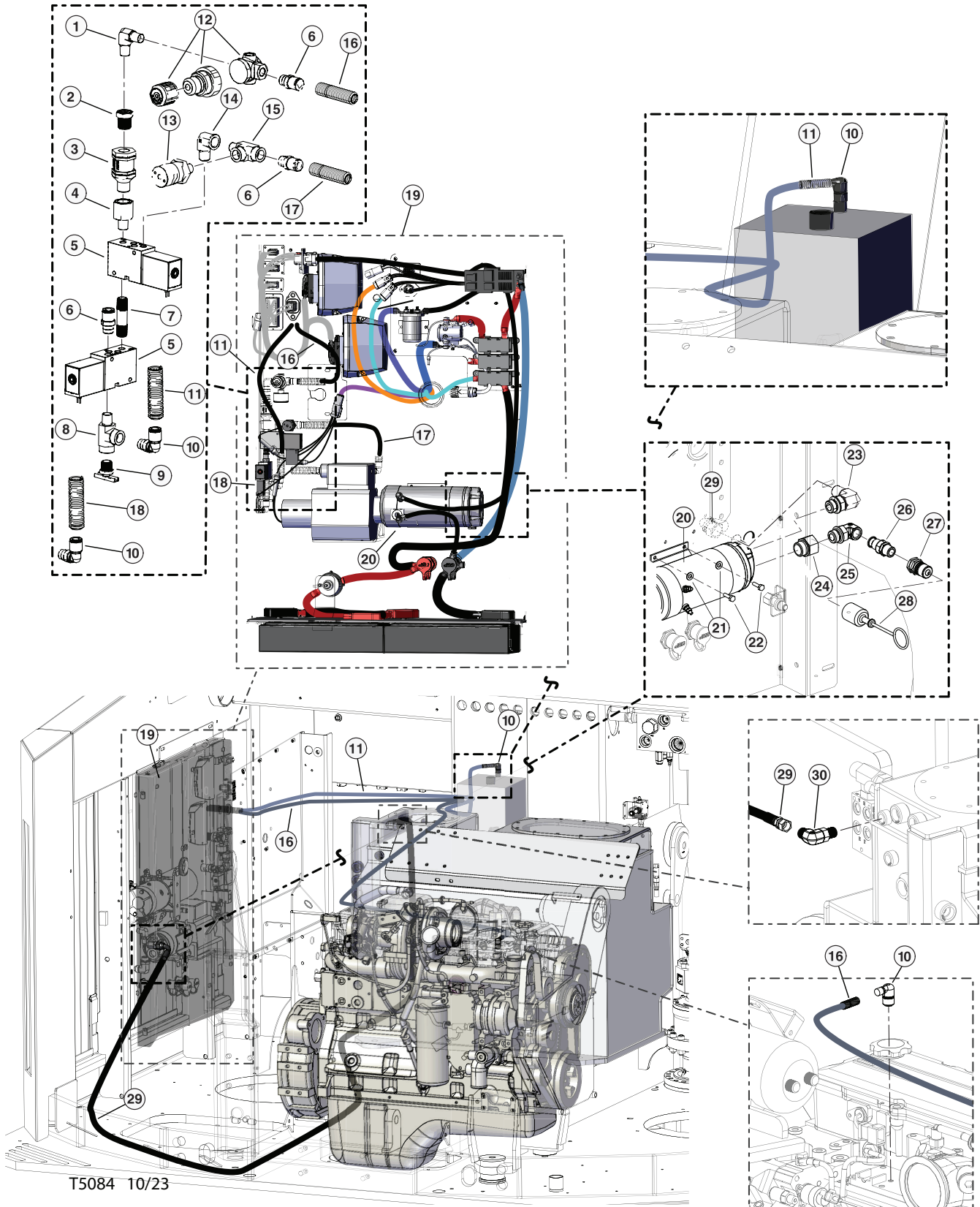
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

EVO DRAIN CIRCUIT

REF	PART #	QTY	DESCRIPTION
1	55700	4	FITTING, STRAIGHT - 4-8 FFOX-S
2	55677	2	FITTING, 4 R6X-S SWIVEL NUT RUN TEE
3	55702	1	FITTING, 4-8 C5OX-S
4	16661	1	ELBOW, 90 SWIVEL - 6500-6
5	55372	1	FITTING, SWIVEL TEE - 6 S6X-S
6	(KIT - 55559)	1	HOSE ASSY - 387TC8.5 04-04JS-04J9
7	(KIT - 55559)	1	HOSE ASSY - 387TC24 04-04JS-04J9
8	(KIT - 55559)	1	HOSE ASSY - 387TC22 04-04JS-04J9
9	57277	1	TUBELINE, SD TO SEAL DRAIN BULKHEAD
10	55364	1	FITTING, BULKHEAD - 6 WTX-WLN-S
11	48286	1	BULKHEAD MOUNT
12	(KIT - 59057)	1	HOSE ASSY - 387TC22 04-04JS-04J9
13	11318	1	BUSHING, REDUCER - 5406-6-4

FELLER BUNCHER HYDRAULICS ASSEMBLY, AND INSTALLATION

SUPPLY, RETURN AND FLUSHING CIRCUITS



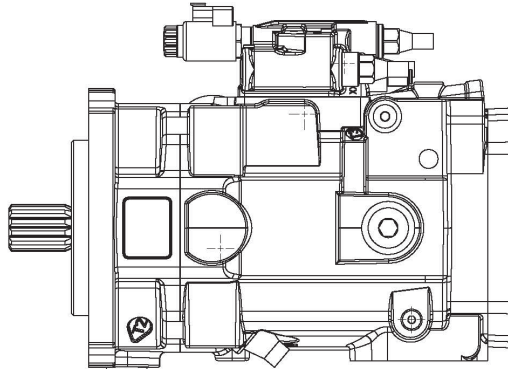
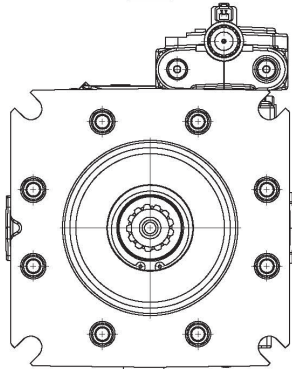
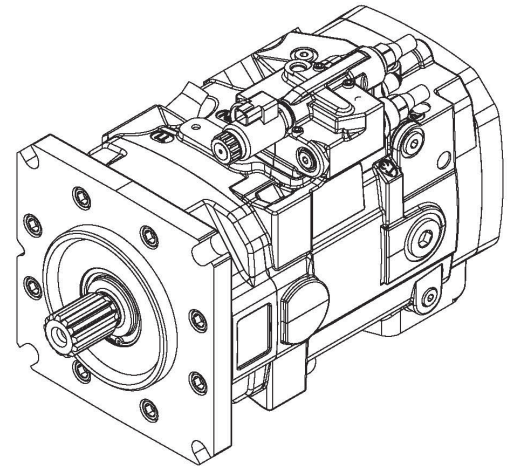
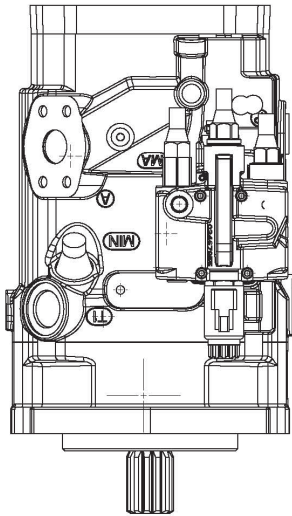
FELLER BUNCHER HYDRAULICS ASSEMBLY, AND INSTALLATION

SUPPLY, RETURN AND FLUSHING CIRCUITS

REF	PART #	QTY	DESCRIPTION
1	52741	1	ELBOW, MALE PIPE - 1/4 CR-S
2	11318	1	BUSHING, REDUCER - 5406-6-4
3	15652	1	VALVE, CHECK - HYDRAULIC/FUEL TANK
4	52145	1	ADAPTER, EXPANDER - 3/8 X 1/4 FG-S
5	51616	2	VALVE, VACUUM PUMP - HYD TANK
6	52506	2	CONNECTOR, STR - PUSH HOSE - 1/4" VACUUM
7	16314	1	NIPPLE, PIPE - .25" X 2"
8	10393	1	TEE - 5602-4
9	15650	1	VALVE, TANK VENT - DC602-6
10	51739	4	CONNECTOR, ELBOW -PUSH ON (VACUUM)
11	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP - Order by ft.
12	15649	1	REGULATOR, TURBO BOOST
13	51737	1	SWITCH, PRESSURE - VACUUM PUMP (HYD TANK)
14	21147	1	ELBOW, 90 STREET .25" NPT - BRASS
15	10393	1	TEE - 5602-4
16	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP
17	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP
18	51738	lin. ft	HOSE, 3/8" PUSH ON - VACUUM PUMP
19	47867	1	WELDMENT, ELEC PANEL, D-MODEL
20	55691	1	FILL PUMP ASSEMBLY
21	10801	4	WASHER, FLAT - .3125"
22	15605	4	BOLT - .3125" X .75"
23	55712	1	FITTING, ELBOW - MALE 8-8C4OMXS
24	55711	1	FITTING, 3/4 - 12F40HG55
25	22383	1	ELBOW, 90 - 12 AOEG5-S
26	54998	1	FITTING, FILL PUMP
27	55620	1	NIPPLE, 60 SERIES - H6-63-T12
28	55617	1	CAP, QUICK CONNECT - RUBBER (RED)
29	(See Description)	1	Fill Pump Supply Hose Supplier Hose Part #: 387TC 227 08-08JS-08J9L
30	15481	1	ELBOW, 90 - 6801-8

LOG LOADER HYDRAULICS

210CC IMPLEMENT PUMP

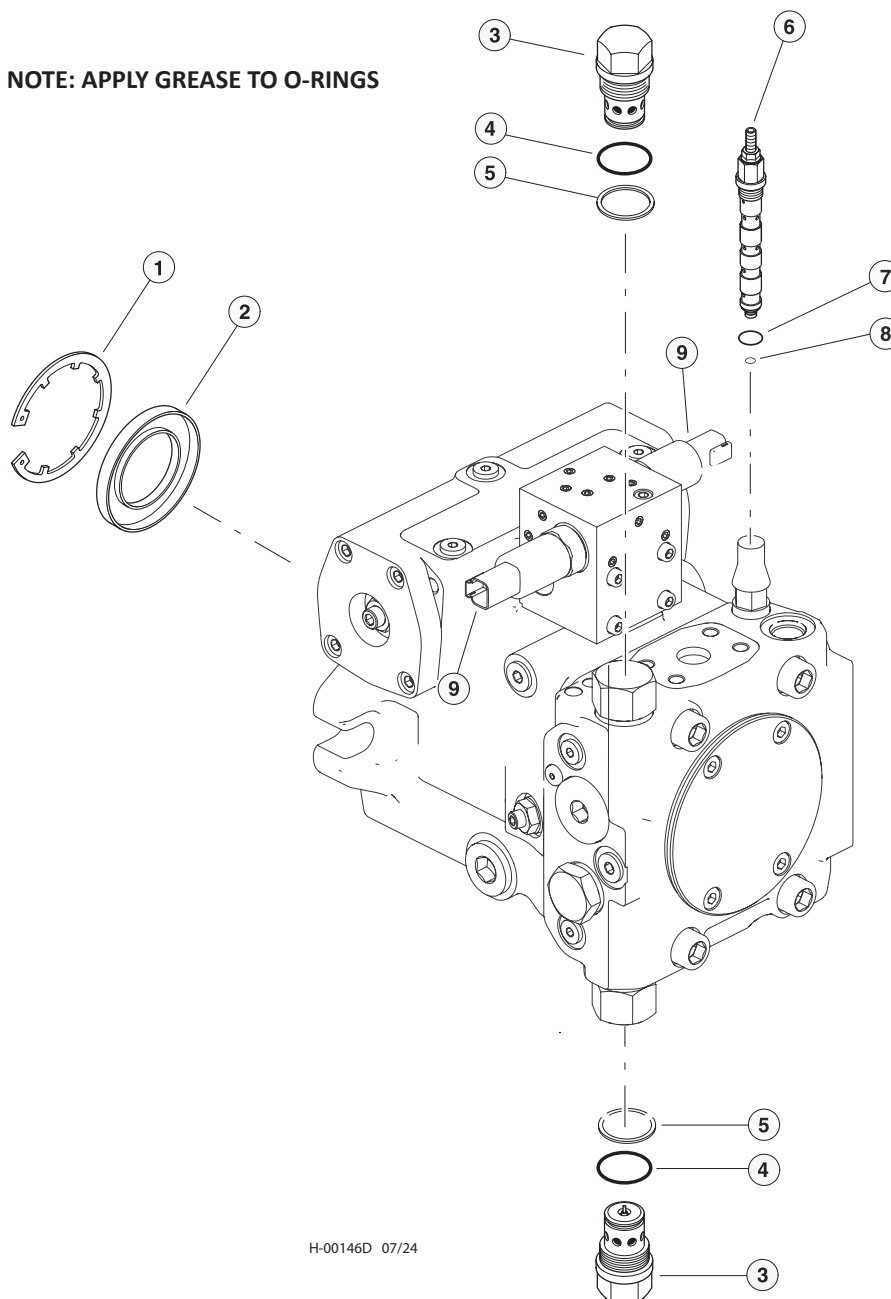


REF.	PART #	QTY.	DESCRIPTION
1	58596	1	PUMP, IMPLEMENT - REX 210CC/40 W/HP CONT
	R902569651	1	SEAL KIT

LOG LOADER HYDRAULICS

HYDROSTATIC SWING PUMP (REXROTH 56CC)

NOTE: APPLY GREASE TO O-RINGS



H-00146D 07/24

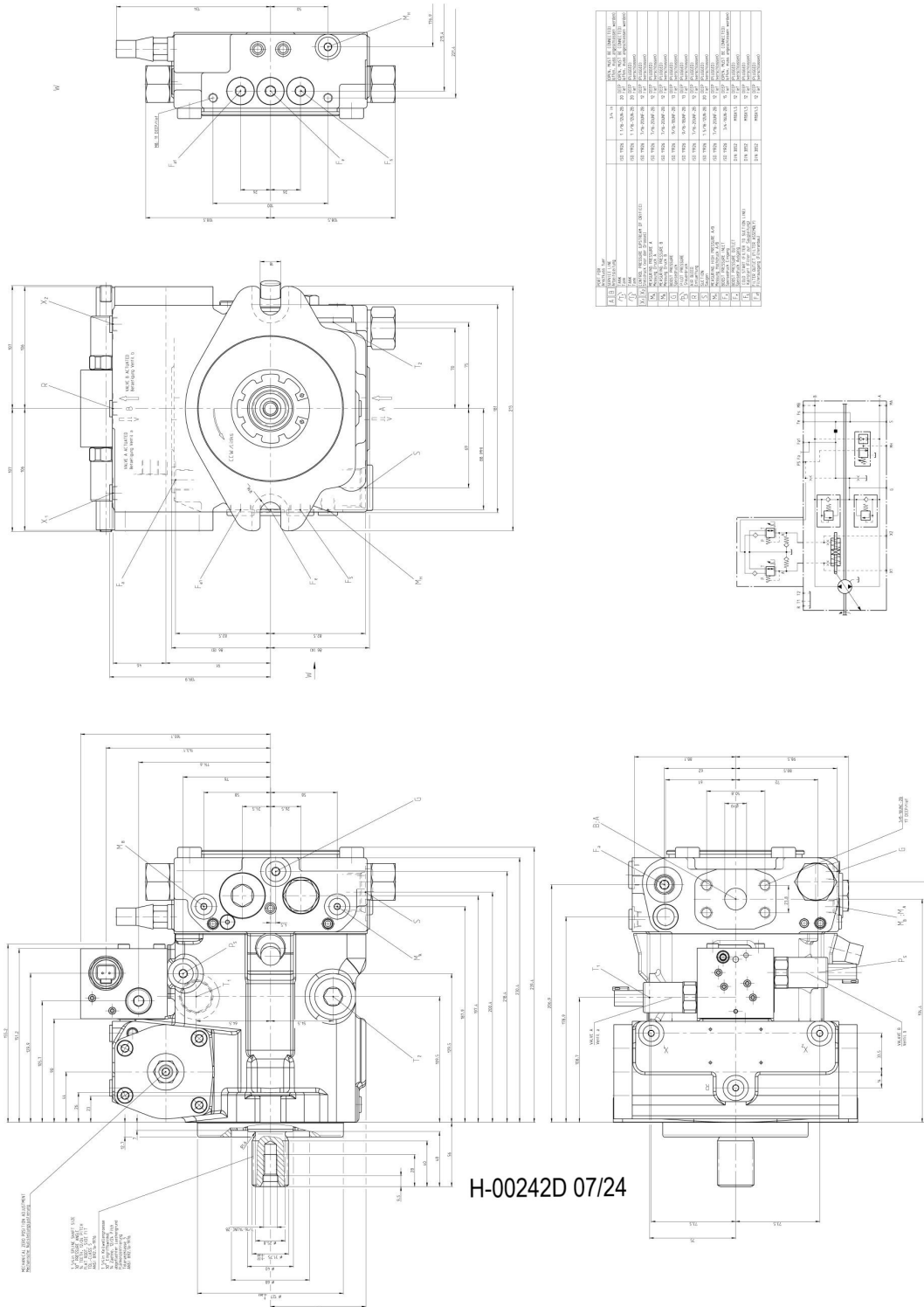
LOG LOADER HYDRAULICS

HYDROSTATIC SWING PUMP (REXROTH 56CC)

Item	Part #	Description	Qty.
	54560	PUMP, SWING (735/755/830)	1
1	CALL	RETAINING RING	1
2	57704	SHAFT SEAL RING	1
3	57591	PRESSURE RELIEF VALVE	2
4	CALL	BACK-UP RING	2
5		BACK-UP RING	2
6		PRESSURE OVERRIDE VALVE	1
7	CALL	O-RING	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS



H-00242D 07/24

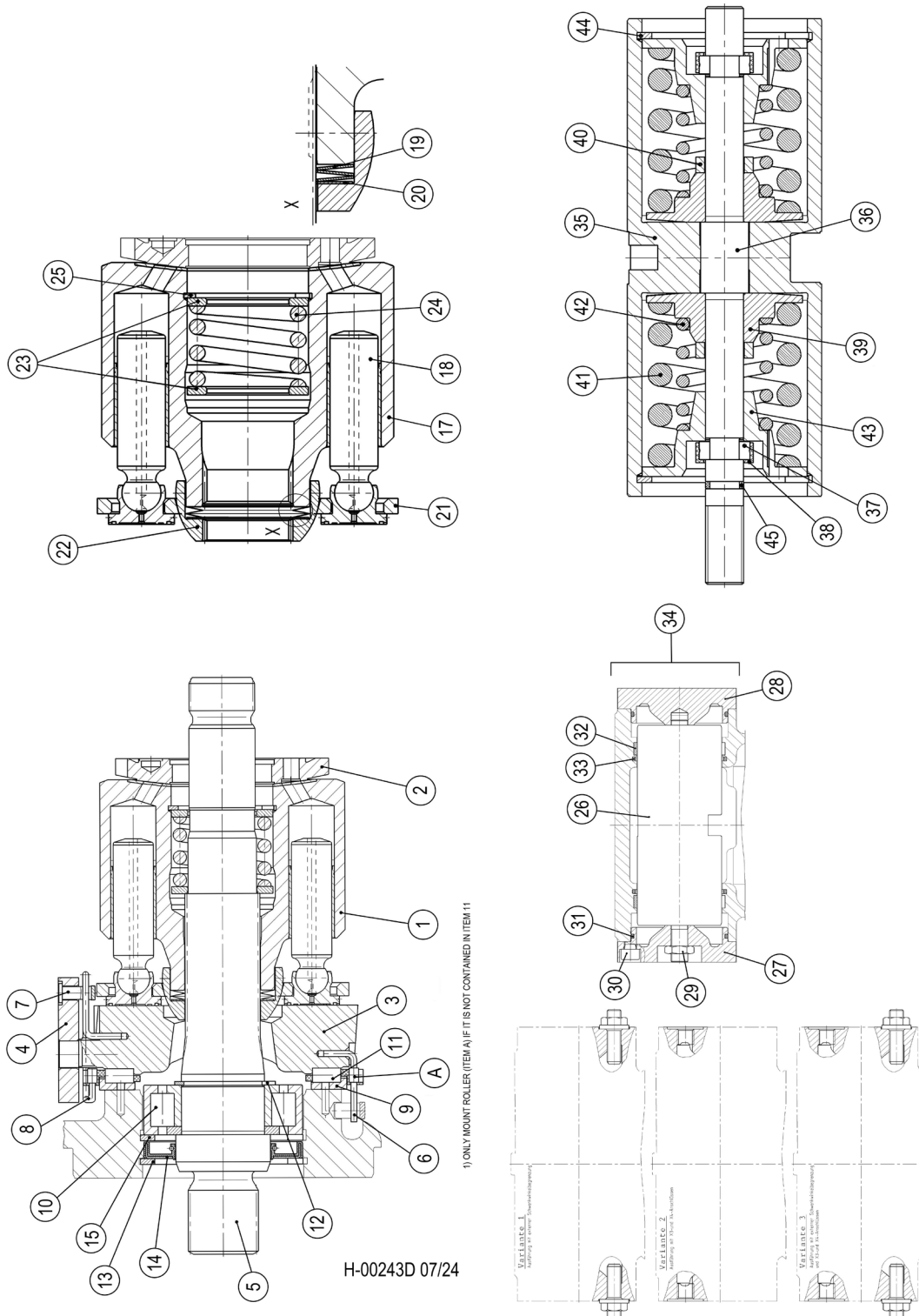
LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R909607708	ROTARY GROUP	1
2	R902008624	CONTROL	1
3	R902219636	CONNECTION PLATE	1
4	R902064015	PUMP COVER	1
5	R902115257	CONTROL MODULE	1
6	R902029575	HOUSING	1
7	R902132713	PIVOT PIN	1
8	R909154480	SCREW PLUG	1
9	R909153371	SCREW PLUG	2
10	R909154478	SCREW PLUG	4
11	R909153815	SCREW PLUG	3
12	R909083228	SCREW PLUG	1
13	R909086731	O-RING	1
14	R909153572	SCREW PLUG	1
15	R909831318	DOUBLE BREAK-OFF PLUG	2
16	R909156495	NOZZLE	2
17	R913016373	SLOTTED SPRING PIN	2
18	R909153364	SCREW PLUG	1
19	R909087912	SCREW PLUG	1
20	R909153378	SCREW PLUG	1
21	R909435856	ECCENTRIC SCREW	1
22	R909153271	SEALING NUT	1
23	R909156497	NOZZLE	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS



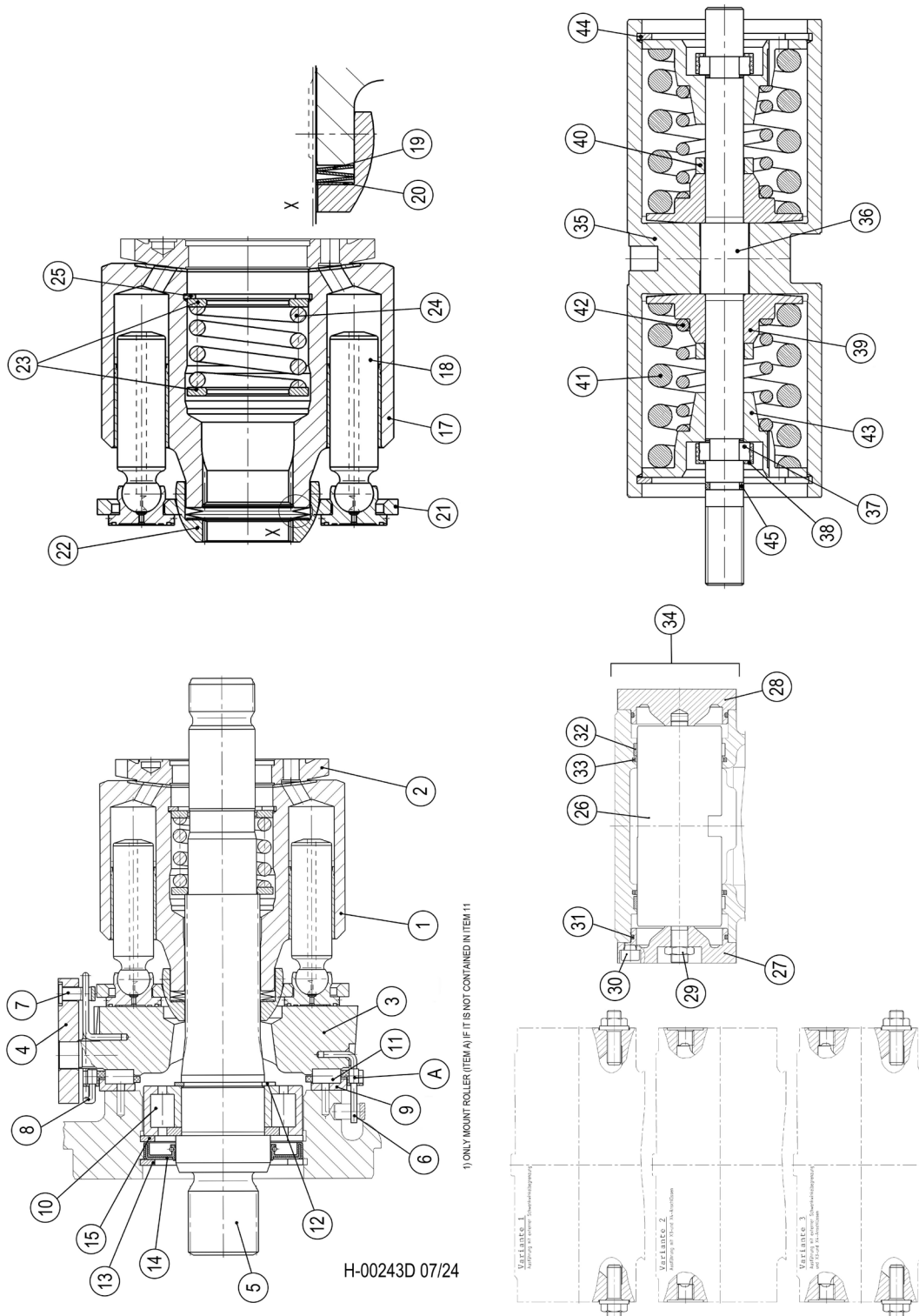
LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902079268	ROTARY GROUP	1
2	R902273785	CONTROL PLATE, LEFT-HAND ROTATION	1
3	R909449544	CRADLE	1
4	R909449607	SLIDER	1
5	R909449686	DRIVE SHAFT	1
6	R909408786	WIRE	1
7	R909443447	PIVOT PIN	1
8	R909449590	WIRE	1
9	R913051689	BEARING SHELL PAIR	1
10	R909156259	CYL. ROLLER BEARING	1
11	R902603727	CAGE PAIR	1
12	R909083360	RETAINING RING	1
13	R902600000	RETAINING RING	1
14	57704	SEAL, SHAFT - SWING PUMP - 54560	1
15	R909831280	RETAINING RING	1
16	R902002388	SEAL KIT	1
17	R902262308	CYLINDER	1
18	R902279922	PISTON PAD	9
19	R902192956	CUP-SPRING STACK	1
20	R909432991	SHIM RING	1
*	R909432992	SHIM RING	1
*	R909432993	SHIM RING	1
*	R909432994	SHIM RING	1
21	R902205451	RETAINING PLATE	1
22	R909445275	RETAINING BALL	1
23	R909449683	WASHER	2
24	R909436102	COMPRESSION SPRING	1
25	R909831182	RETAINING RING	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS



LOG LOADER HYDRAULICS

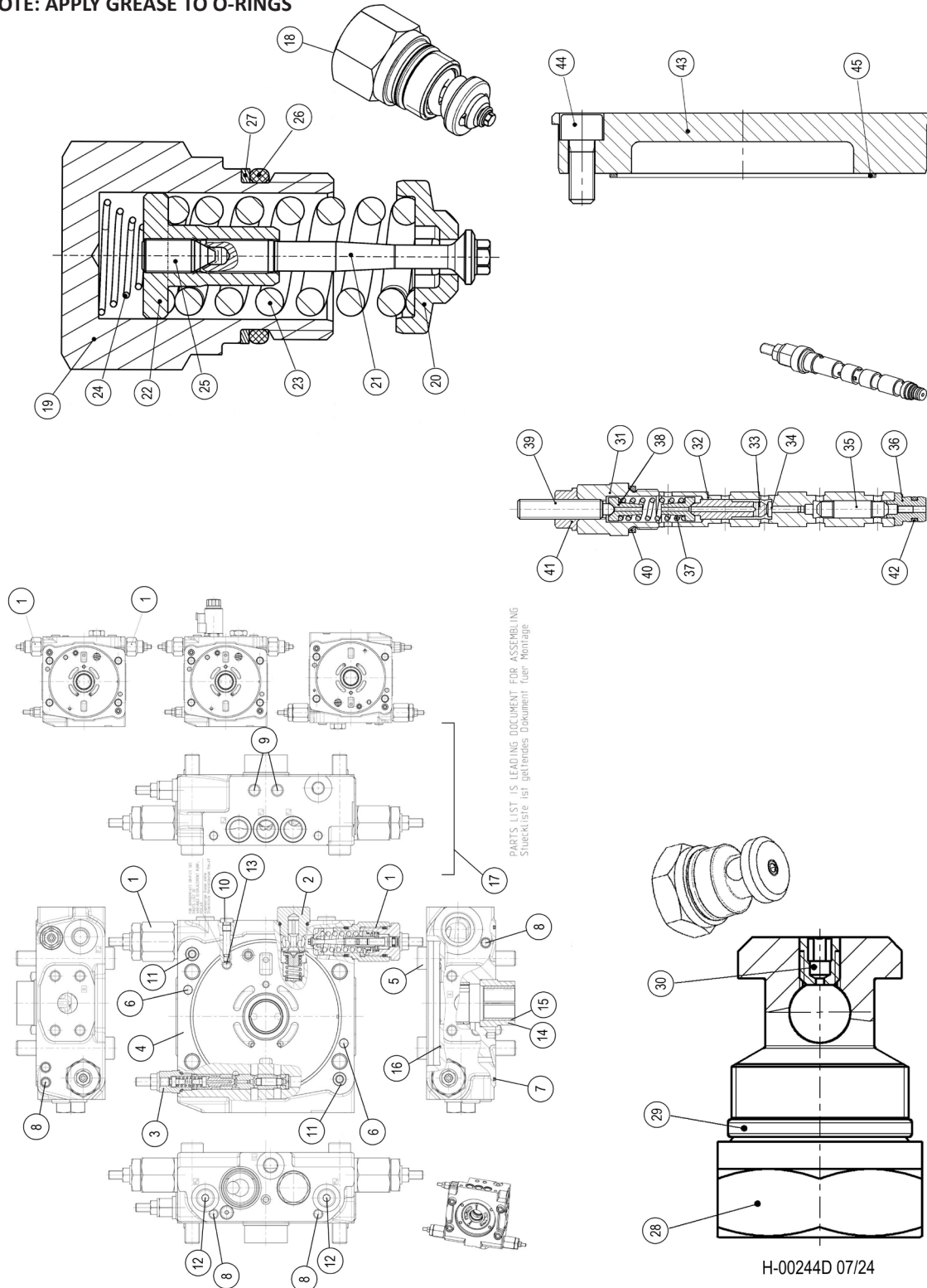
SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
26	R902020483	POSITIONING PISTON	1
27	R902007563	COVER	1
28	R902007564	COVER	1
29	R909154918	HEXAGON NUT	1
30	R909083034	SOCKET HEAD CAP SCREW	8
31	R909083785	O-RING	2
32	R902600750	ROD GUIDANCE RING	2
33	R902600194	ROD SEAL	2
34	R902002371	SEAL KIT	1
35	R902222640	POSITIONING PISTON	1
36	R909449238	ROD	1
37	R902015511	RING	2
*	R902015514	RING	2
*	R902015513	RING	2
*	R902015512	RING	2
*	R902015510	RING	2
*	R902015509	RING	2
*	R902015508	RING	2
*	R902013493	RING	2
38	R902600489	LOCATING RING	2
39	R909449245	SPRING DISK	2
40	R909445783	SPACER RING	2

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

NOTE: APPLY GREASE TO O-RINGS



LOG LOADER HYDRAULICS

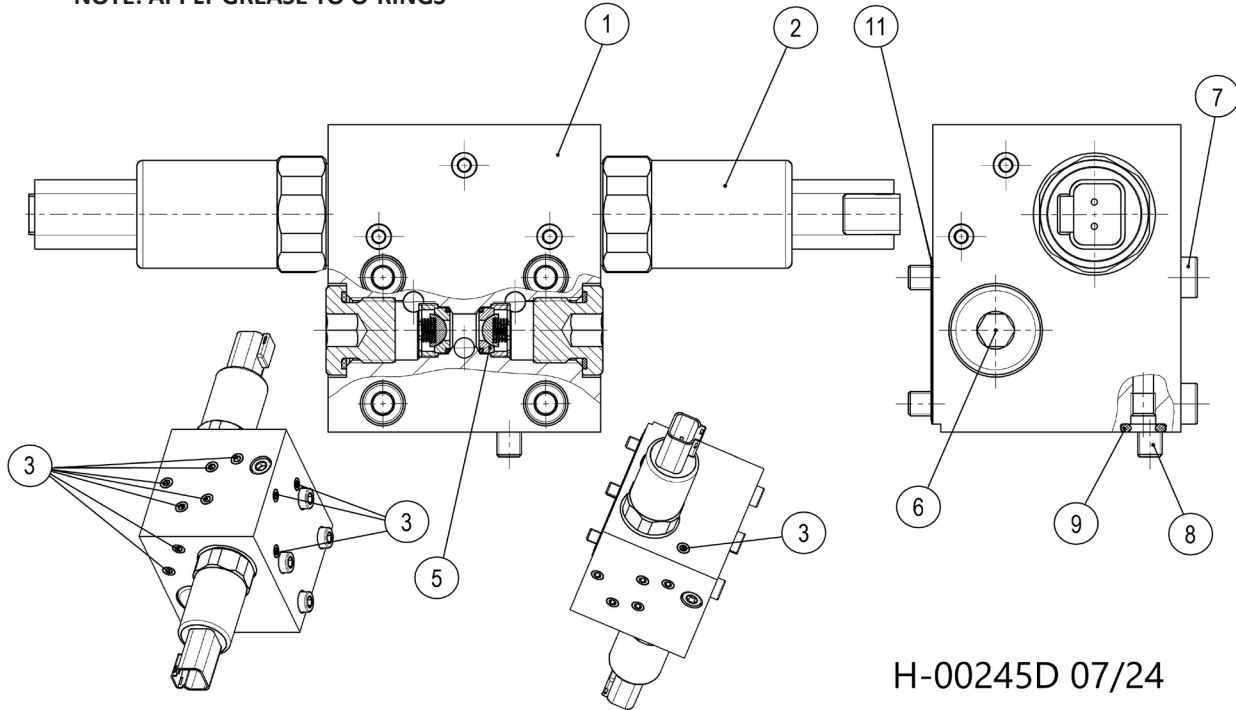
SWING PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902016386	PRESSURE RELIEF VALVE	2
2	R902152084	LOCKING SET	1
3	R909446763	PRESSURE CUT-OFF VALVE	1
4	R902153458	CONNECTION PLATE	1
5	R909153817	SOCKET HEAD CAP SCREW	4
6	R909084173	STRAIGHT PIN	2
7	R909830424	O-RING	1
8	R909831318	DOUBLE BREAK-OFF PLUG	3
9	R909831319	DOUBLE BREAK-OFF PLUG	1
10	R909154024	SCREW PLUG	1
11	R909085709	O-RING	2
12	R909154478	SCREW PLUG	2
13	R909415314	DOUBLE BREAK-OFF PLUG	1
14	R909439249	BUSHING	1
15	R902283569	BUSHING	1
16	R913037188	KANTSEAL	1
17	R902002398	SEAL KIT	1
18	R902281039	PRESSURE RELIEF VALVE	1
19	R902281222	SCREW PLUG	1
20	R902010478	VALVE PLATE	1
21	R902010477	VALVE STEM	1
22	R902016288	EXPANSION PIECE	1
23	R909921948	COMPRESSION SPRING	1
24	R902215544	COMPRESSION SPRING	1
25	R902016289	SETSCREW	1
26	R909083761	O-RING	1
27	R909831768	BACKUP RING	1
28	R902011417	SCREW PLUG	1
29	R909083761	O-RING	1
30	R909156494	NOZZLE	1
31	R909449886	SCREW PLUG	1
32	R909431452	VALVE BUSHING	1
33	R909432162	CONTROL PISTON	1
34	R909432163	PISTON	1
35	R909432164	VALVE SPOOL	1
36	R909436284	VALVE SEAT	1
37	R902168277	COMPRESSION SPRING	1
38	R902049851	SPRING DISK	2
39	R909432167	ADJUSTING SCREW	1
40	R909083752	O-RING	1
41	R909152707	SEALING NUT	1
42	R909086380	O-RING	1
43	R902063317	PUMP COVER	1
44	R909083036	SOCKET HEAD CAP SCREW	4
45	R902002410	SEAL KIT	1

LOG LOADER HYDRAULICS

SWING PUMP COMPONENTS

NOTE: APPLY GREASE TO O-RINGS

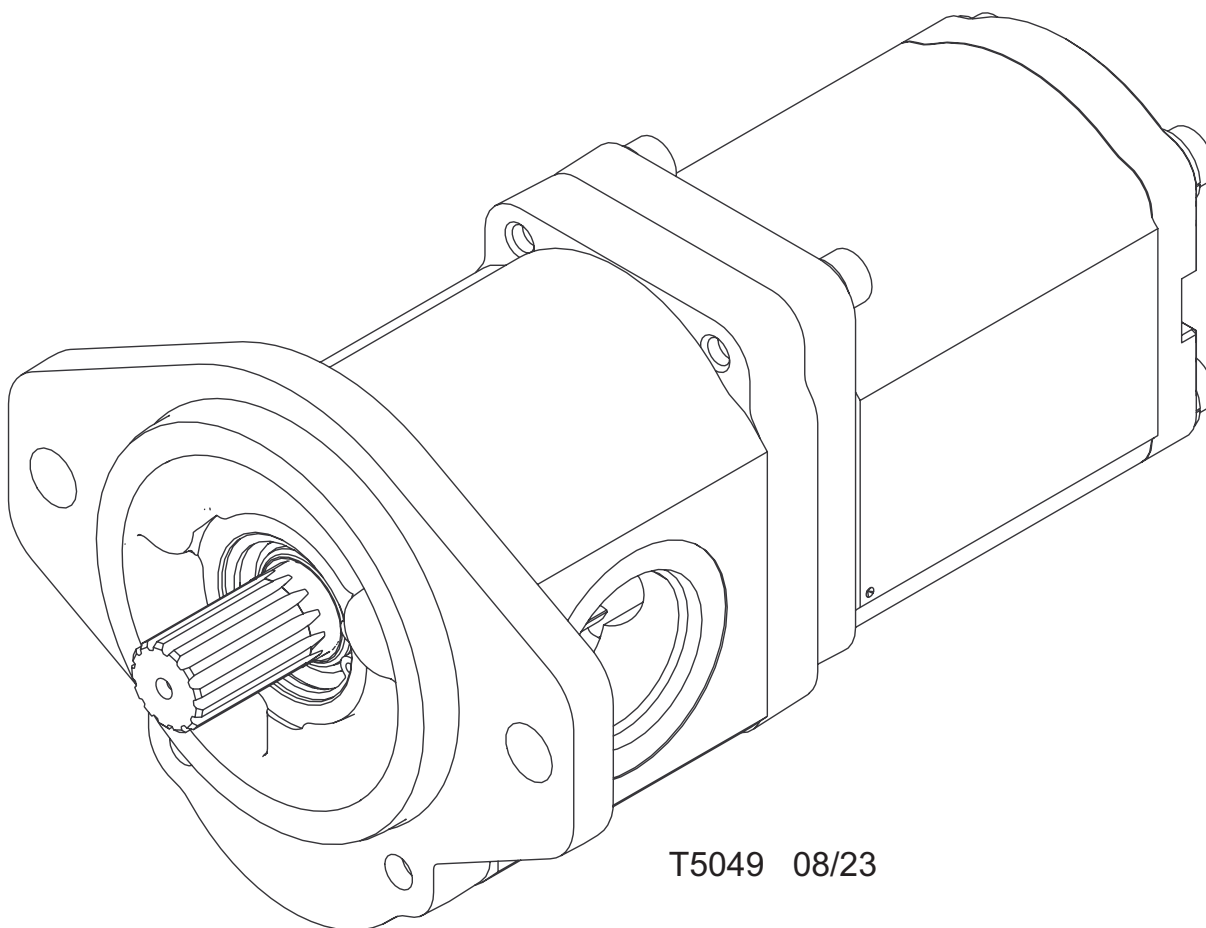


H-00245D 07/24

Item	Part #	Description	Qty.
1	R902115246	HOUSING	1
2	57591	VALVE, SWING PUMP (R901121566)	2
3	R902600705	PLUG	11
4	R902603829	SEAL	1
5	R909831957	CHECK VALVE	2
6	R909153816	SCREW PLUG	2
7	R909085831	SOCKET HEAD CAP SCREW	4
8	R909086491	SOCKET HEAD CAP SCREW	1
9	R909157512	O-RING	1

LOG LOADER HYDRAULICS

CHARGE PUMP (DUAL FLOW)



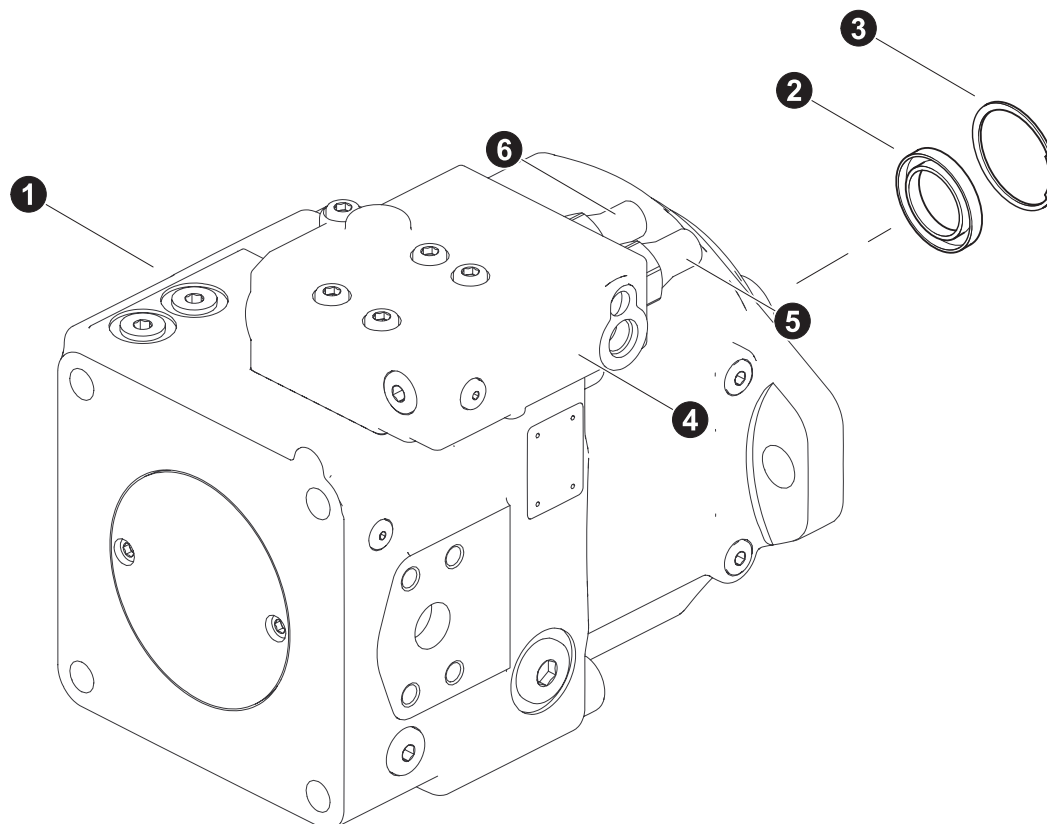
T5049 08/23

Item	Part #	Description	Qty.
*	57609	PUMP, CHARGE - DUAL FLOW	1
*	58177	SHAFT SEAL - 25.4-38.1-6.35 NBR	1
*	55323	SEAL KIT	1
*	21624	O-RING, CHARGE PUMP PILOT (AA4VG90)	1
*	2063677AD	COUPLING, CHARGE PUMP	1

*MEANS NOT SHOWN

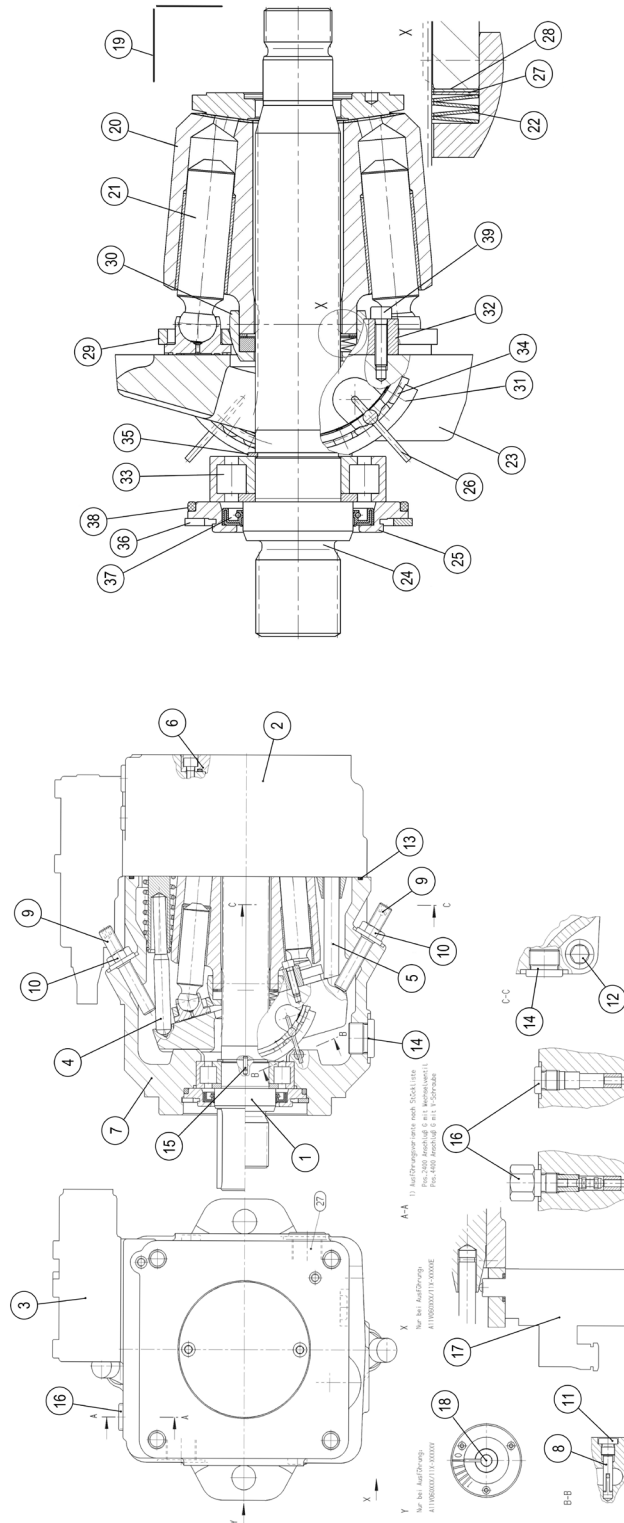
LOG LOADER HYDRAULICS

AUXILARY DISC SAW PUMP, HIGH PRESSURE - (60CC)



Item	Part #	Description	Qty.
	54523	PUMP, DISC SAW - HIGH PRESSURE (60CC)	1
1	57451	SEAL, SHAFT - DISC SAW (HIGH PRESSURE)	1
2	20685	RING, SNAP - SHAFT SEAL (AA6VM160 MOTOR)	1
3	R909601060	REGULATOR	1
4	R909608948	CONTROL ELEMENT	1
5	R909609420	CONTROL ELEMENT	1
	58256	ORING - THRU-DRIVE (GREEN- HIGH TEMP) (NOT SHOWN)	1
	24532	PRESSURE SWITCH (NOT SHOWN)	1
	R987053846	KIT, SEAL REPAIR - DISC SAW PUMP	1

LOG LOADER HYDRAULICS



H-00236D 07/24

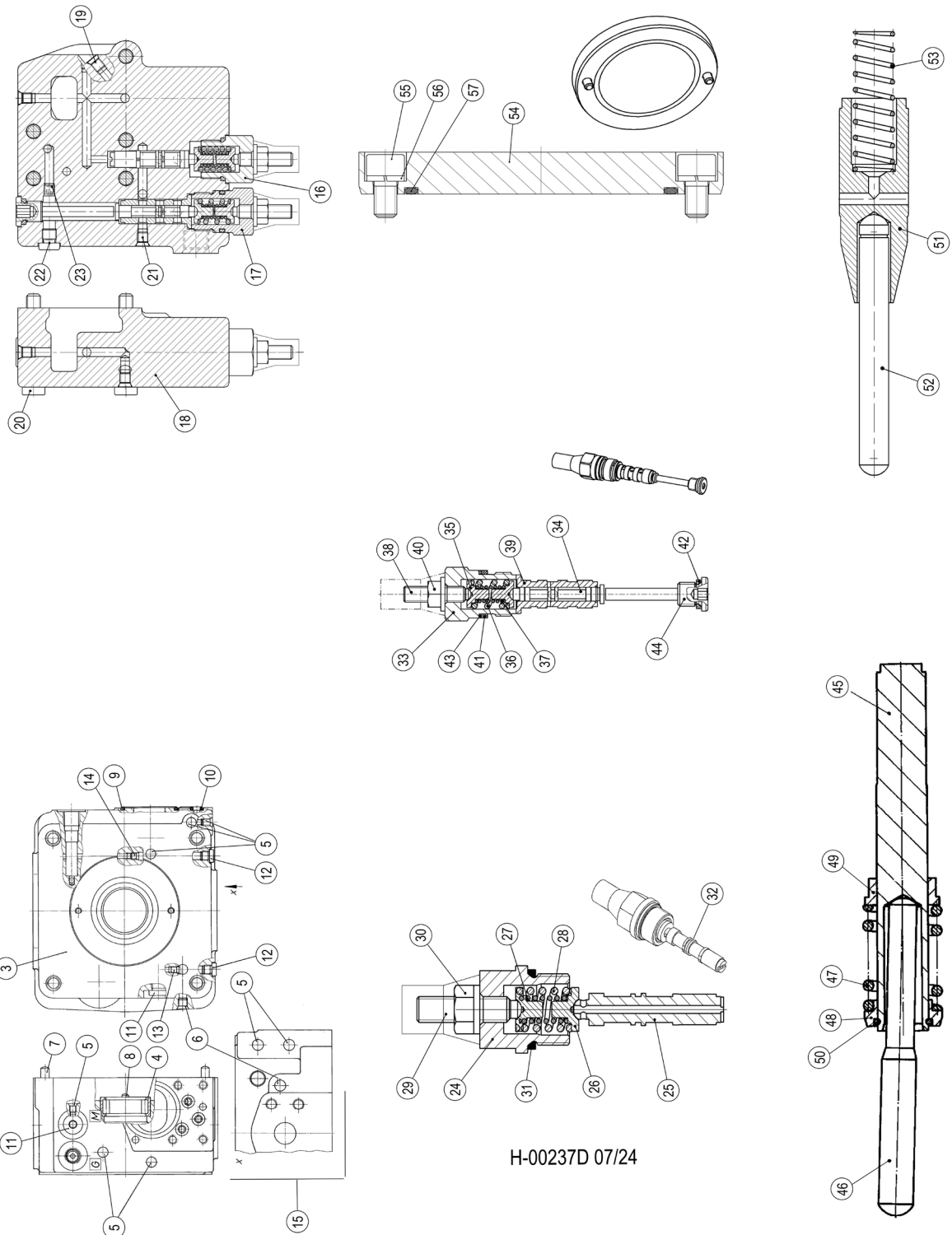
LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902044500	ROTARY GROUP	1
2	R909613038	CONNECTION PLATE, LL	1
3	R909601060	REGULATOR	1
4	R909446454	CONTROL	1
5	R909441158	CONTROL	1
6	R909441156	COVER	1
7	R902118161	HOUSING	1
8	R902132714	PIVOT PIN	4
9	R909449078	SETSCREW	2
10	R909152426	SEALING NUT	2
11	R909153364	SCREW PLUG	4
12	R909153680	SOCKET HEAD CAP SCREW	4
13	R909830217	O-RING	1
14	R909153339	SCREW PLUG	2
15	R913016373	SLOTTED SPRING PIN	2
16	R909153371	SCREW PLUG	1
17	R902004934	CONTROL SLEEVE	-
18	R909444953	SETSCREW	-
19	R902002457	SEAL KIT	1
20	R902044493	CYLINDER	1
21	R909440190	PISTON PAD	9
22	R909074126	CUP-SPRING STACK	1
23	R909440397	CRADLE	1
24	R909449724	DRIVE SHAFT	1
25	R909440442	LOCKING RING	1
26	R909076233	WIRE	4
27	R909078316	SHIM RING	1
*	R909078317	SHIM RING	1
*	R909411553	SHIM RING	1
*	R909411554	SHIM RING	1
28	R909078317	SHIM RING	1
29	R902205417	RETAINING PLATE	1
30	R902041870	RETAINING BALL	1
31	R902066586	BEARING SHELL PAIR	1
32	R909432414	RETAINING SEGMENT	2
33	R909153801	CYL. ROLLER BEARING	1
34	R909831918	CAGE PAIR	1
35	R909083360	RETAINING RING	1
36	R909083416	RETAINING RING	1
37	R909831179	ROTARY SHAFT LIP-TYPE SEAL	1
38	R909083822	O-RING	1
39	R909831328	SOCKET HEAD CAP SCREW	4

LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS



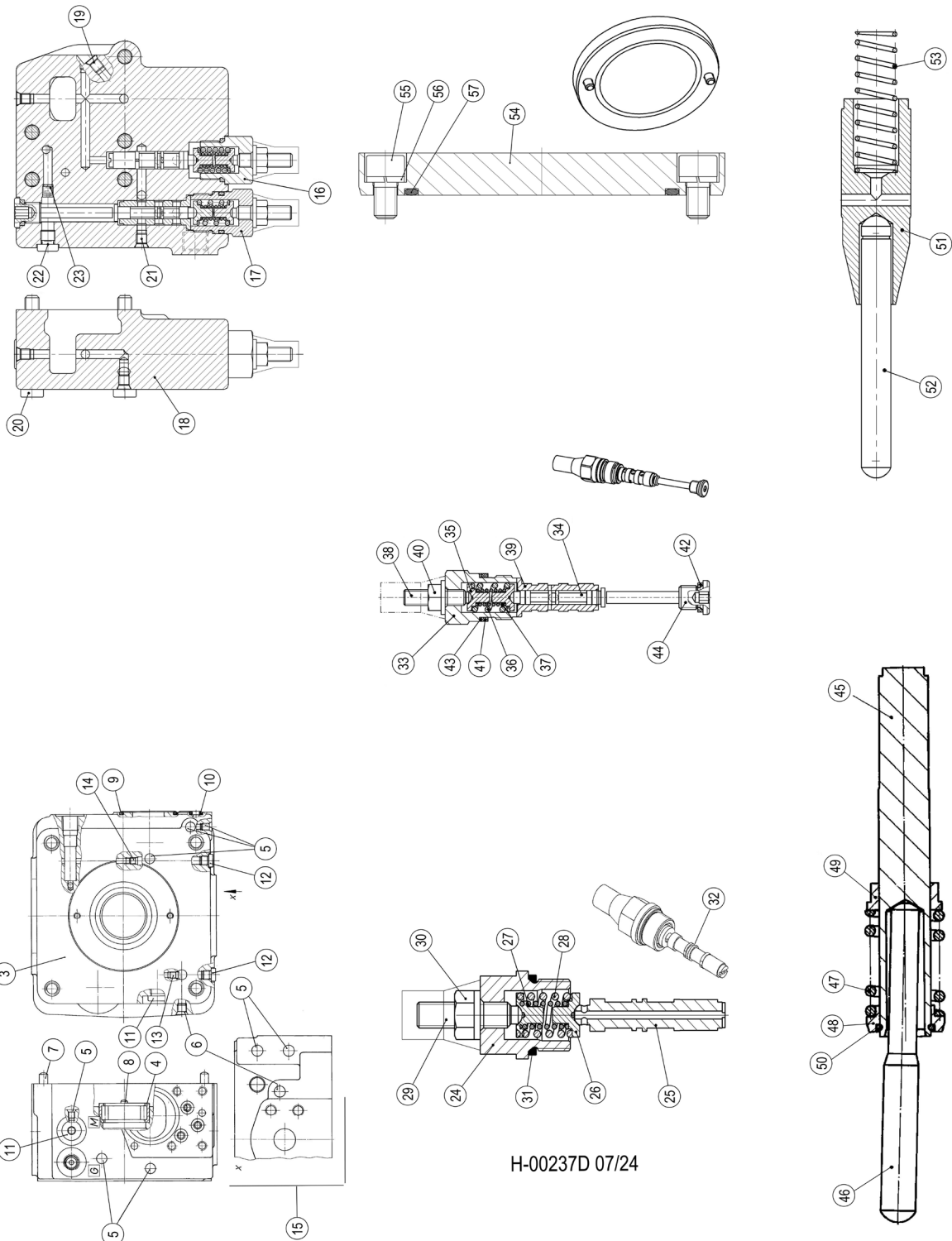
LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902044491	CYLINDER	1
2	R902010095	CONTROL PLATE, LEFT-HAND ROTATION	1
3	R909651962	CONNECTION PLATE, LL	1
4	R909156249	CYL. ROLLER BEARING	1
5	R909831318	DOUBLE BREAK-OFF PLUG	4
6	R909831319	DOUBLE BREAK-OFF PLUG	1
7	R909084213	STRAIGHT PIN	2
8	R909087755	STRAIGHT PIN	1
9	R909086336	O-RING	1
10	R902602890	R-RING	3
11	R909153371	SCREW PLUG	2
12	R909154024	SCREW PLUG	2
13	R909156494	NOZZLE	1
14	R909156493	NOZZLE	1
15	R902002464	SEAL KIT	1
16	R909609420	CONTROL ELEMENT	1
17	R909608948	CONTROL ELEMENT	1
18	R909651695	CONTROL HOUSING	1
19	R909445306	DOUBLE BREAK-OFF PLUG	1
20	R909083043	SOCKET HEAD CAP SCREW	5
21	R909831318	DOUBLE BREAK-OFF PLUG	7
22	R909154024	SCREW PLUG	1
23	R909156490	NOZZLE	1
24	R909440779	SCREW PLUG	1
25	R902004621	CONTROL PISTON	1

LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS



H-00237D 07/24

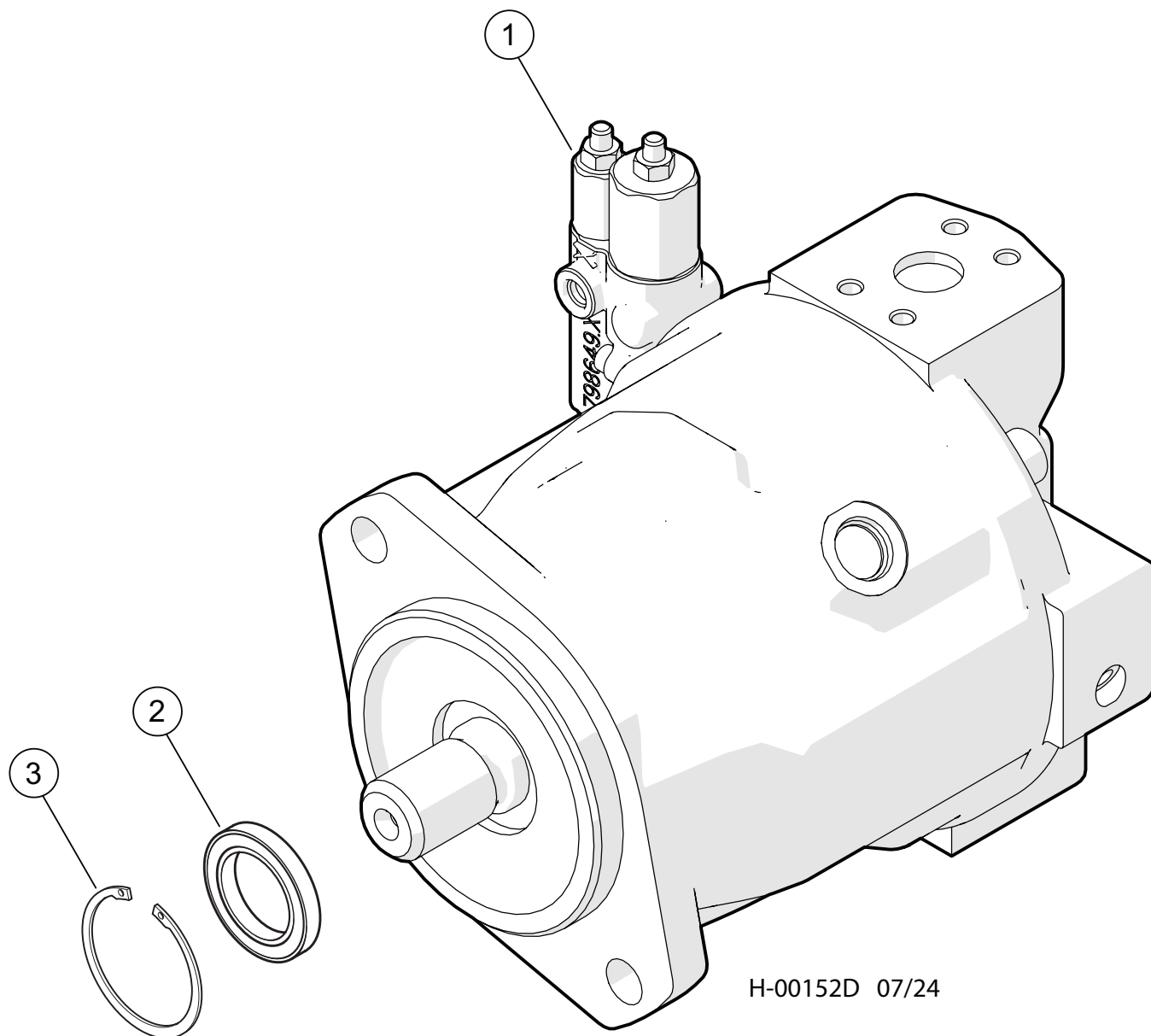
LOG LOADER HYDRAULICS

60CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
26	R909444160	SPRING BOLT	2
27	R909436395	COMPRESSION SPRING	1
28	R909436795	COMPRESSION SPRING	1
29	R909444953	SETSCREW	1
30	R909152707	SEALING NUT	1
31	R909083758	O-RING	1
32	902221229	SEAL KIT	1
33	R902262155	SCREW PLUG	1
34	R909449719	CONTROL PISTON	1
35	R909436839	SPRING BOLT	2
36	R909436394	COMPRESSION SPRING	1
37	R909436395	COMPRESSION SPRING	1
38	R909444953	SETSCREW	1
39	R902004934	CONTROL SLEEVE	1
40	R909152707	SEALING NUT	1
41	R909083758	O-RING	1
42	R909083749	O-RING	1
43	R900228795	BACKUP RING	1
44	R902029165	SCREW PLUG	1
45	R909445195	POSITIONING PISTON	1
46	R909445749	ADJUSTING ROD	1
47	R909440770	COMPRESSION SPRING	1
48	R909440739	SPRING DISK	1
49	R902025360	BUSHING	1
50	R909830683	SNAP RING	1
51	R909651665	RESET PISTON	1
52	R902192192	RESET ROD	1
*	R909651662	RESET ROD	1
*	R909651663	RESET ROD	1
*	R909651664	RESET ROD	1
53	R909440771	COMPRESSION SPRING	1

LOG LOADER HYDRAULICS

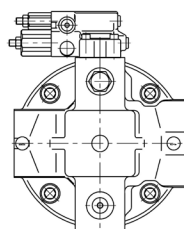
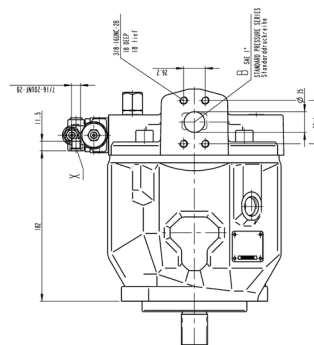
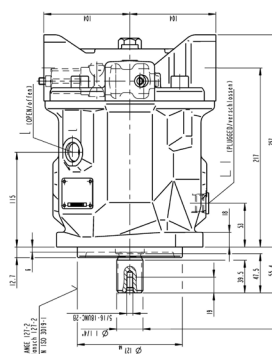
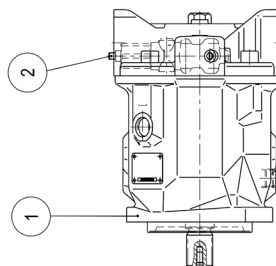
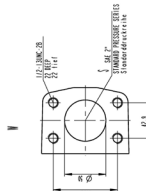
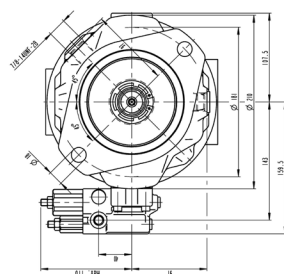
AUXILARY PUMP, MAX VOLUME - (71CC)



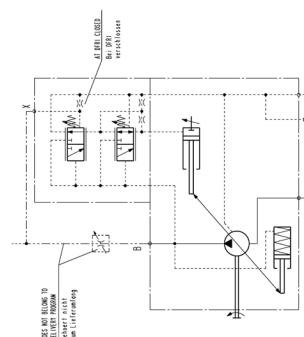
Item	Part #	Description	Qty.
	19509	PUMP, AUX.-BRUSH CUTTER (W/MAX VOL) 71cc	1
1	201032304-50	UNLOADING BLOCK	1
2	20685	RETAINING RING	1
3	R910764701	SHAFT SEAL RING	1
	R902088365	COUPLING (NOT SHOWN)	1
	54032	THRU DRIVE - W/TRACK DRIVE PUMP (NOT SHOWN)	1
	5140-635-007	SEAL KIT	1

LOG LOADER HYDRAULICS

71CC AUXILIARY PUMP COMPONENTS



H-00223D 07/24



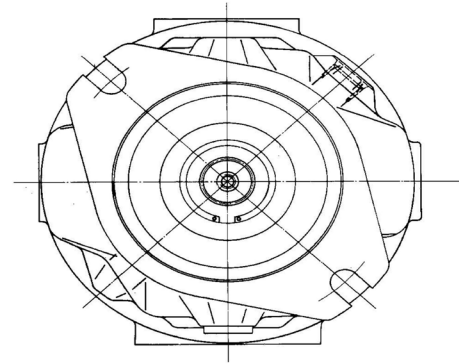
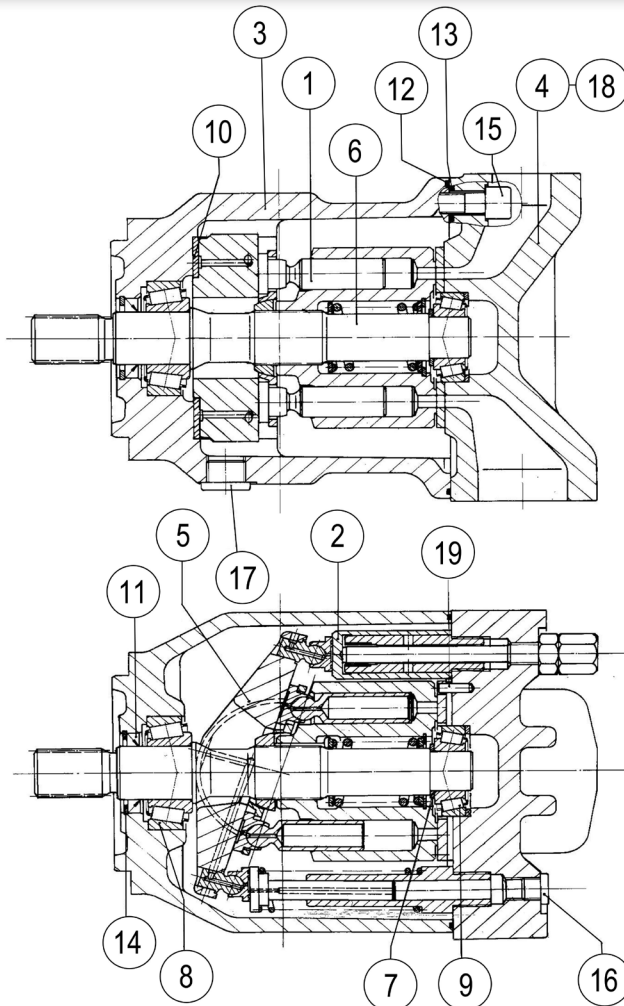
THE DIMENSIONS OF DFR1 AND DFR ARE IDENTICAL
Abmessungen von DFR1 sind mit DFR identisch

SYMBOLS FOR PORT CONNECTIONS/ Bezeichnung der Anschlüsse		PLUGGED WITH/ verschlossen mit
B PRESSURE PORT	SAC 1 STEEL COVER STRAP	
S SOLUTION PORT	SAC 2 STEEL COVER STRAP	
L CASE DRAIN PORT	7/8"-NUN-28 PLASTIC SCREW PLUG	
L CASE DRAIN PORT	7/8"-NUN-28 STEEL SCREW PLUG	

Item	Part #	Description	Qty.
1	CALL	BASE UNIT	1
2	CALL	CONTROL VALVE	1

LOG LOADER HYDRAULICS

71CC AUXILIARY PUMP COMPONENTS

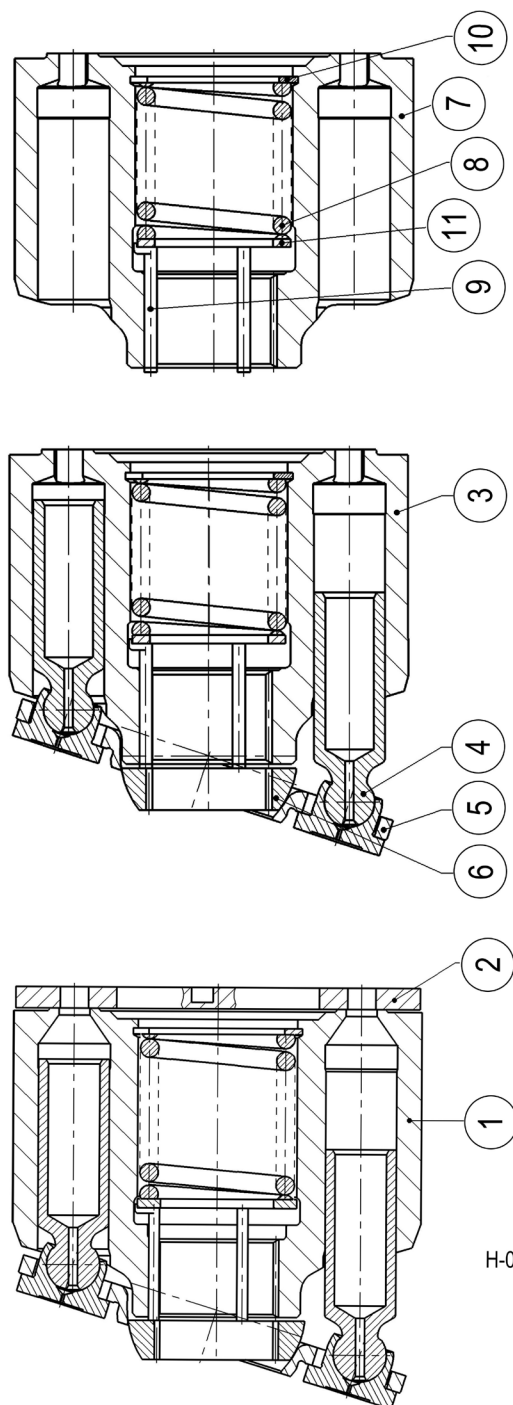


H-00224D 07/24

Item	Part #	Description	Qty.
1	R910960499	ROTARY GROUP	1
2	R902538141	ADJUSTING PIECE	1
3	R910915775	PUMP HOUSING	1
4	R902426033	CONNECTION PLATE	1
5	R910961020	SWASH PLATE	1
6	R910998844	DRIVE SHAFT	1
7	R910939005	ADJUSTMENT SHIM	1
8	R910720224	TAPERED-ROLLER BEARING	1
9	R910720232	TAPERED-ROLLER BEARING	1
10	R910902777	BEARING SHELL	2
11	R910764701	SHAFT SEALING RING	1
12	R910720194	O-RING	1
13	R913052118	R-RING	4
14	R910941918	RETAINING RING	1
15	R910110272	SOCKET HEAD CAP SCREW	4
16	R909151979	SCREW PLUG	1
17	R909153339	SCREW PLUG	1
18	R902584425	DOUBLE BREAK-OFF PLUG	1
19	R902533908	STRAIGHT PIN	1

LOG LOADER HYDRAULICS

71CC AUXILARY PUMP COMPONENTS



H-00226D -07/24

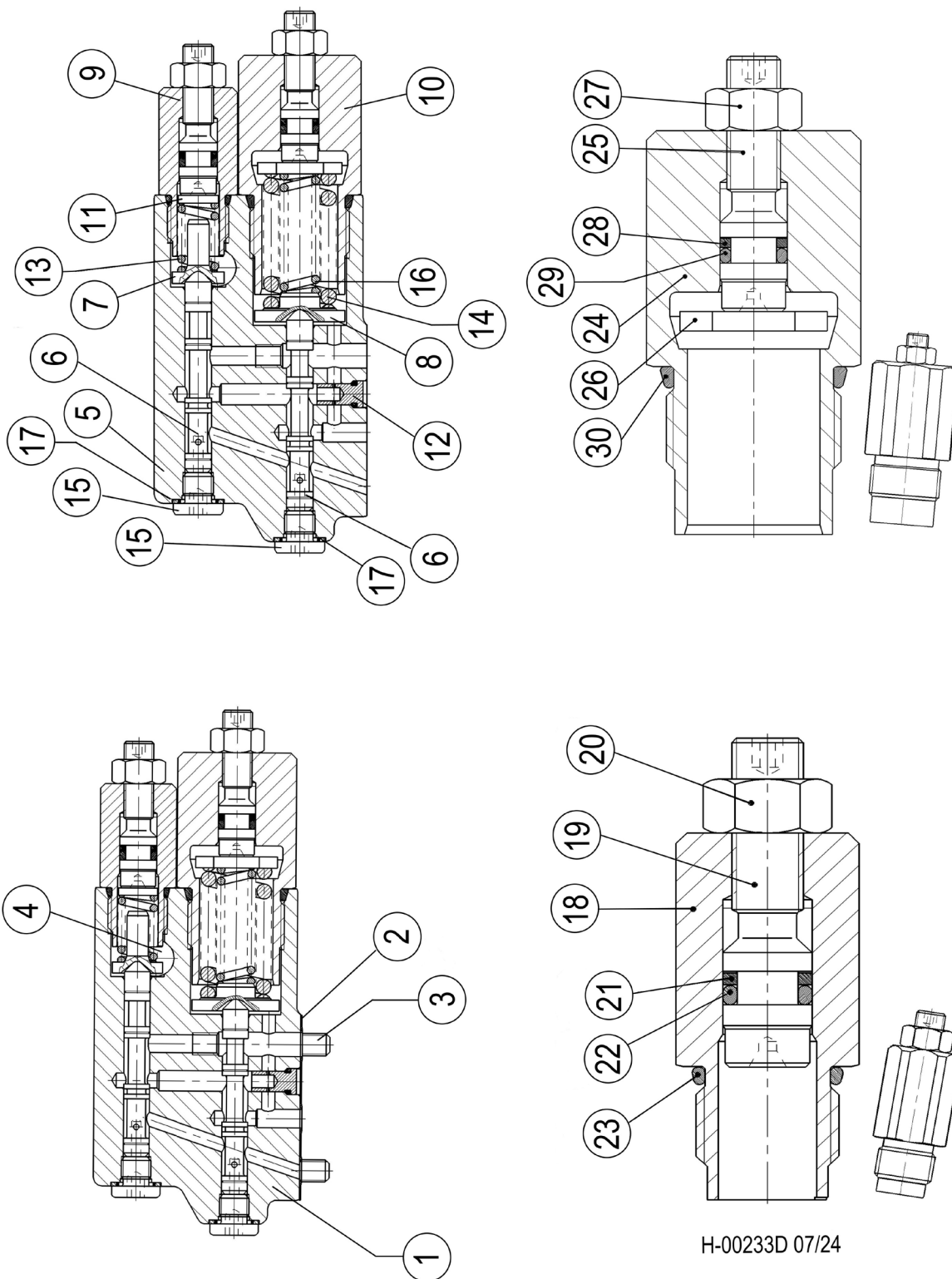
LOG LOADER HYDRAULICS

71CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R910993465	ROTARY GROUP	1
2	R902445480	DISTRIBUTOR PLATE	1
3	R902512987	CYLINDER ASSEMBLY KIT	1
4	R902431406	PISTON PAD	9
5	R902437512	RETAINING PLATE	1
6	R902443449	RETAINING BALL	1
7	R910999302	CYLINDER	1
8	R910720178	COMPRESSION SPRING	1
9	R902400741	PRESSURE PIN	3
10	R910919038	V-RING	1
11	R910720186	SUPPORTING DISC	1

LOG LOADER HYDRAULICS

71CC AUXILIARY PUMP COMPONENTS



H-00233D 07/24

LOG LOADER HYDRAULICS

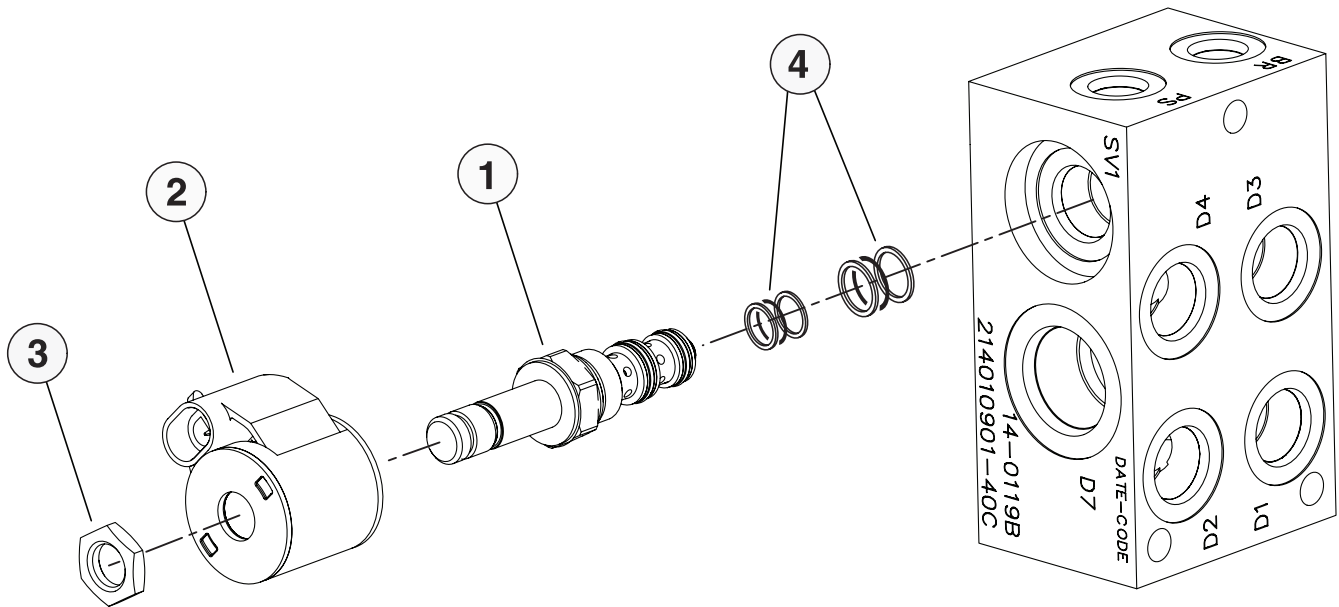
71CC AUXILARY PUMP COMPONENTS

Item	Part #	Description	Qty.
1	R902470582	CONTROL VALVE	1
2	R902573525	SEAL	1
3	R910900443	SOCKET HEAD CAP SCREW	4
4	R910764647	SCREW PLUG	1
5	R902434572	VALVE HOUSING	1
6	R910900311	VALVE SPOOL	2
7	R910920595	SPRING DISK	1
8	R902449500	SPRING DISK	1
9	R902451578	SERVO UNIT	1
10	R902451580	SERVO UNIT	1
11	R910900362	WASHER	1
12	R902451582	ORIFICE	1
13	R910920596	COMPRESSION SPRING	1
14	R910707031	COMPRESSION SPRING	1
15	R910933812	SCREW PLUG	2
16	R910911509	COMPRESSION SPRING	1
17	R910642827	BONDED SEAL RING	2
18	R902448797	SCREW PLUG	1
19	R902445453	STUD BOLT	1
20	R910934194	HEXAGON NUT	1
21	R910946269	BACKUP RING	1
22	R910080519	O-RING	1
23	R910919314	O-RING	1
24	R902474069	SCREW PLUG	1
25	R902445453	STUD BOLT	1
26	R902417465	WASHER	1
27	R910934194	HEXAGON NUT	1
28	R910946269	BACKUP RING	1
29	R910080519	O-RING	1
30	R910919322	O-RING	1

LOG LOADER HYDRAULICS

CASE DRAIN MANIFOLD

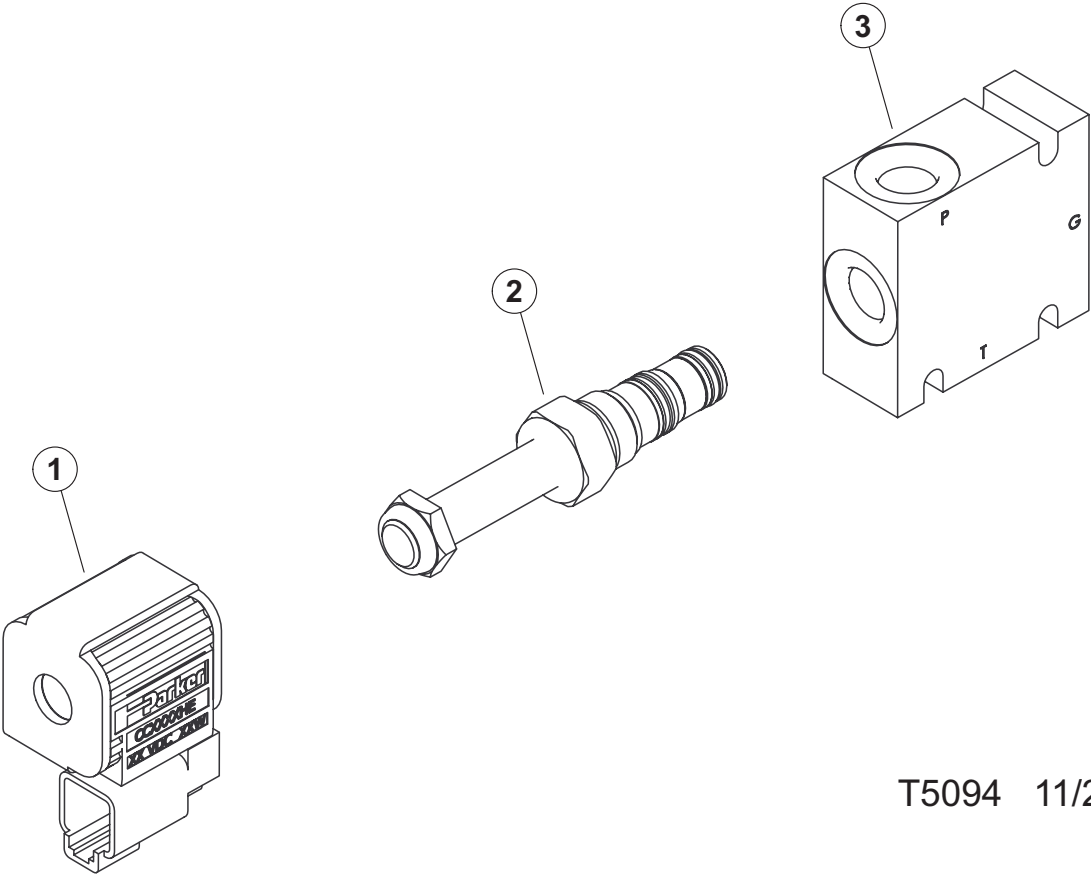
NOTE: APPLY GREASE TO O-RINGS



H-00145D 07/24

Item	Part #	Description	Qty.
	55259	MANIFOLD, CASE DRAIN/SWING LOCK	1
1	SV08-31-0-N-00	VALVE, SOLENOID - PARKING BRAKE	1
2	4304024	COIL	1
3	7004400	NUT	1
4	SK08-3X-MM	KIT, SEAL	1
			1

LOG LOADER HYDRAULICS
AUTO GREASE MANNIFOLD

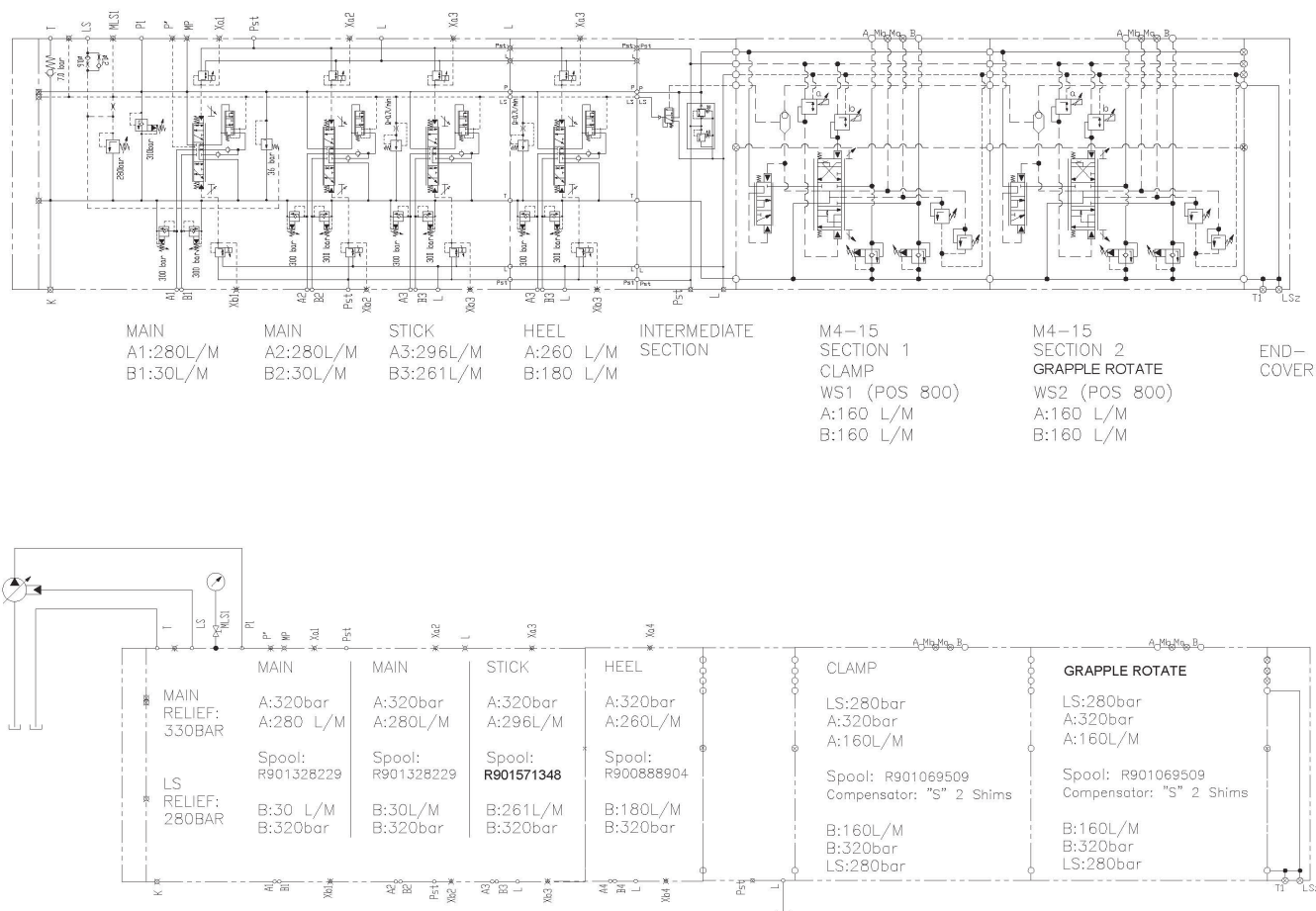


T5094 11/23

REF	PART #	QTY	DESCRIPTION
	57509	1	VALVE, AUTO GREASE SYSTEM
1	CCXXXHE	1	COIL - 24V
2	DSL083A	1	CARTRIDGE
3	57509-BODY	1	BODY

LOG LOADER HYDRAULICS

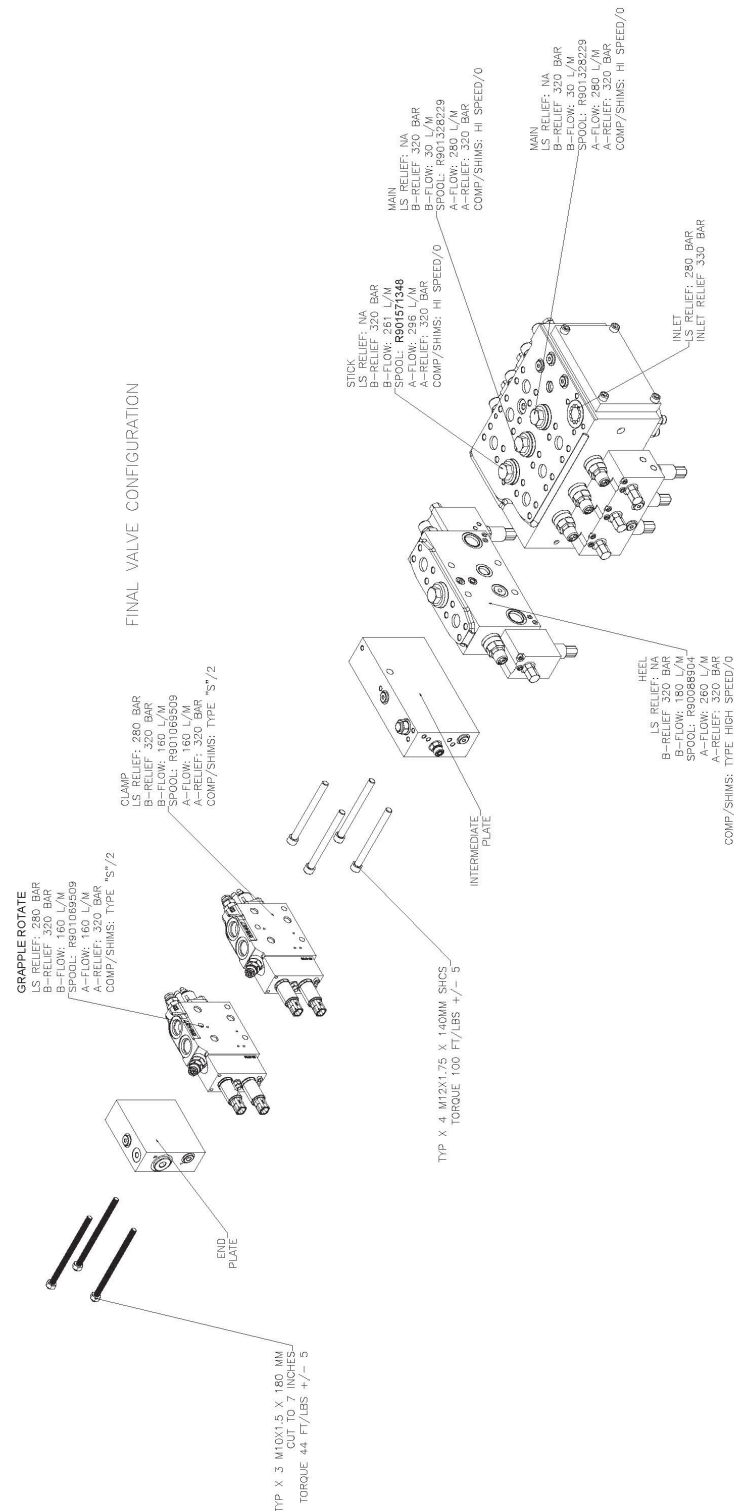
REXROTH MAIN CONTROL VALVE - (UP TO SN. 1153)



Ref Number	Cust Ref Nbr	Qty	Manufacturer	Model	Description
1		1	Bosch-Rexroth	M7-G6452-30/8M7-22W	M7-22 Mono Block
1.1	Rotate/ 801	-1	Bosch-Rexroth	M4-15-2X/S220M220E150-150W28H320H320 POS 801	M4-15 Valve Section Timber Pro
1.2	Level Left/Right/802	-2	Bosch-Rexroth	M4-15-2X/SQMQQ100-100W28-H300H300 POS 802	M4-15 Valve Section Timber Pro
1.3	Heel	1	Bosch-Rexroth	M7-22-3X/1e296-261LDW81K4H330H330 Timber Pro	M7-22 Valve Section
2		4	McMaster Carr	91290A644	M12x1.75 x 140mm
3		1	McMaster Carr	1078N13	M10 x 1.5 x 1M Class 10.9

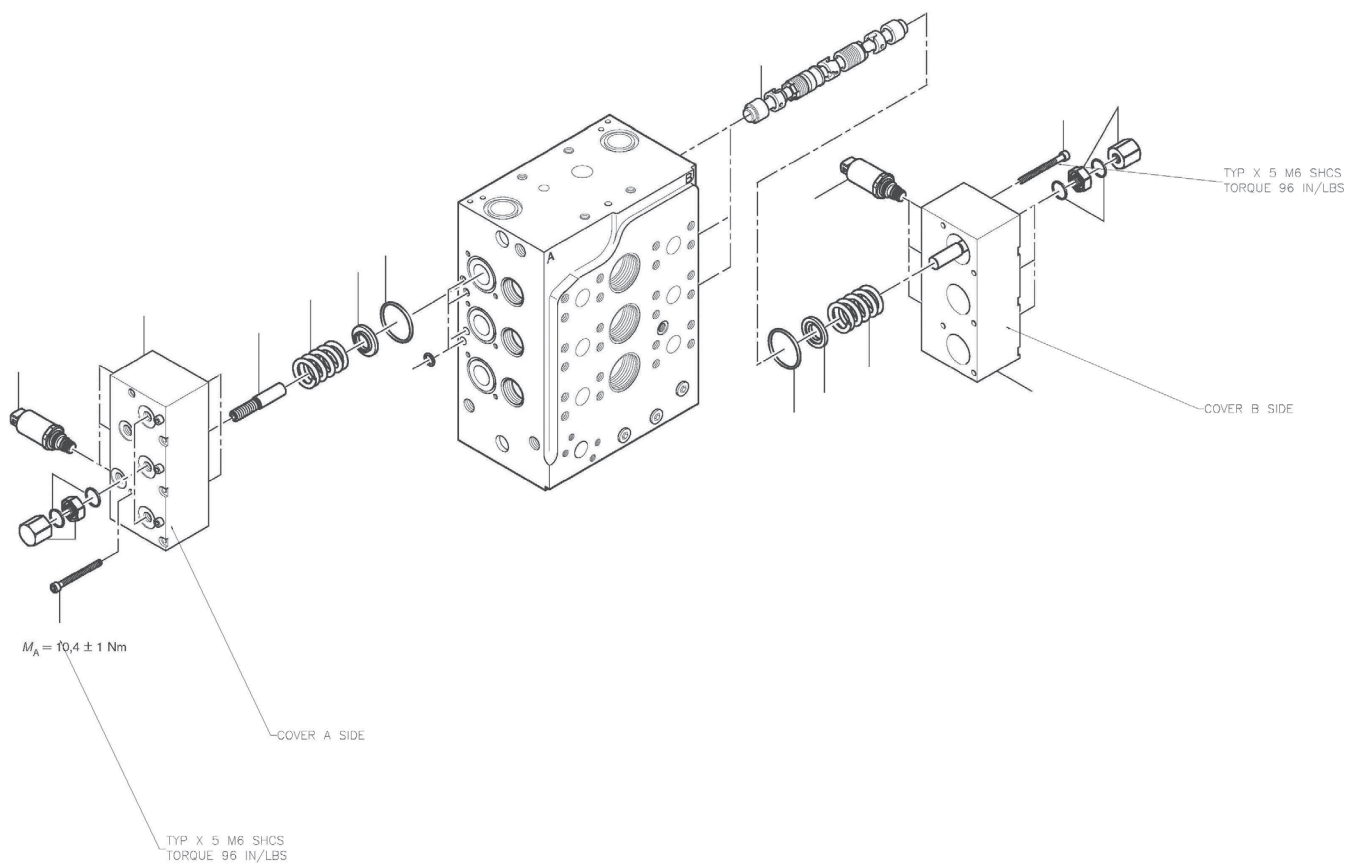
LOG LOADER HYDRAULICS

REXROTH MAIN CONTROL VALVE - (COMPLETE VALVE) - - (UP TO SN. 1153)



LOG LOADER HYDRAULICS

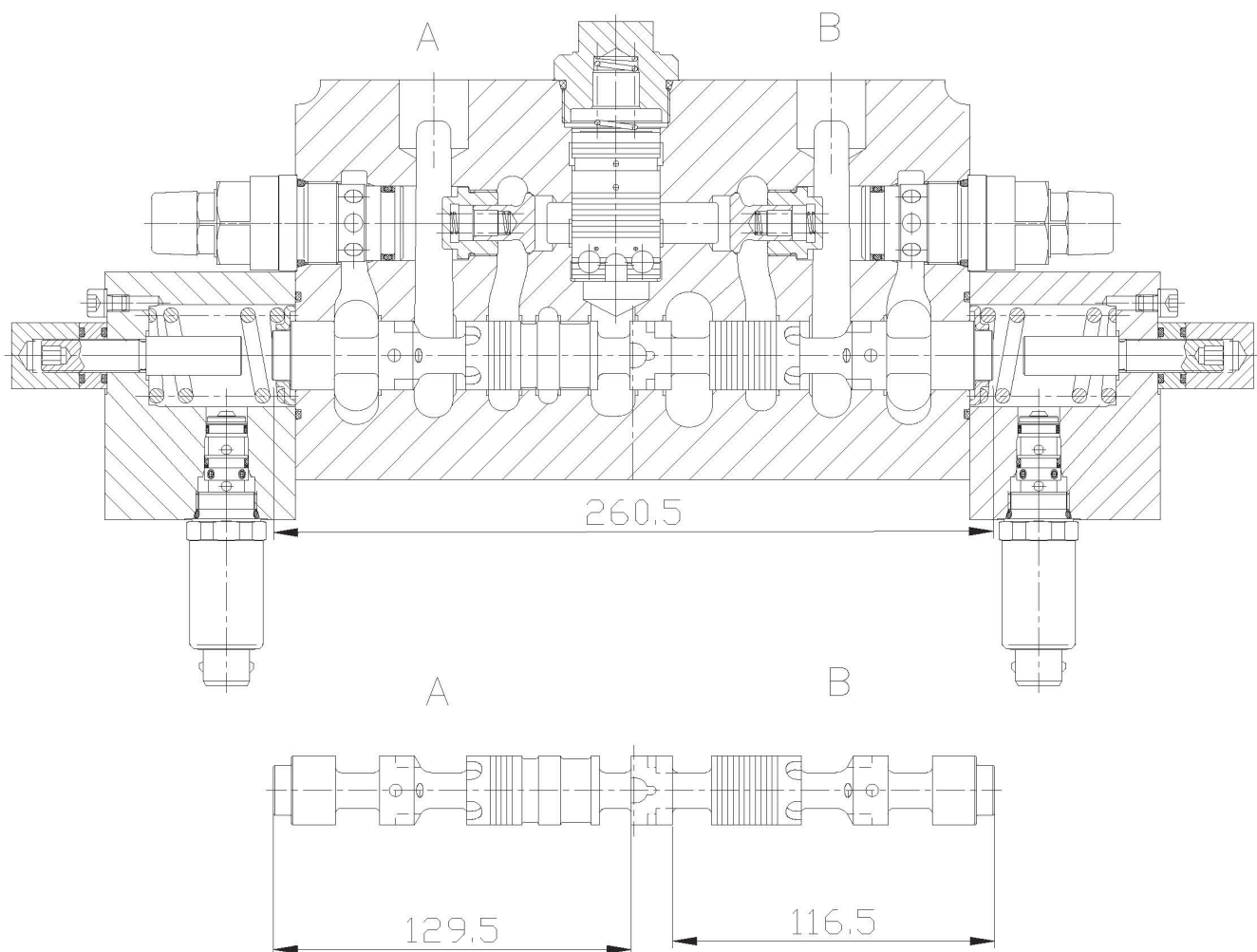
REXROTH MCV - (M7 MONOBLOCK VALVE SECTIONS) - (UP TO SN. 1153)



LOG LOADER HYDRAULICS

REXROTH MAIN CONTROL VALVE - (M7 MONOBLOCK) - - (UP TO SN. 1153)

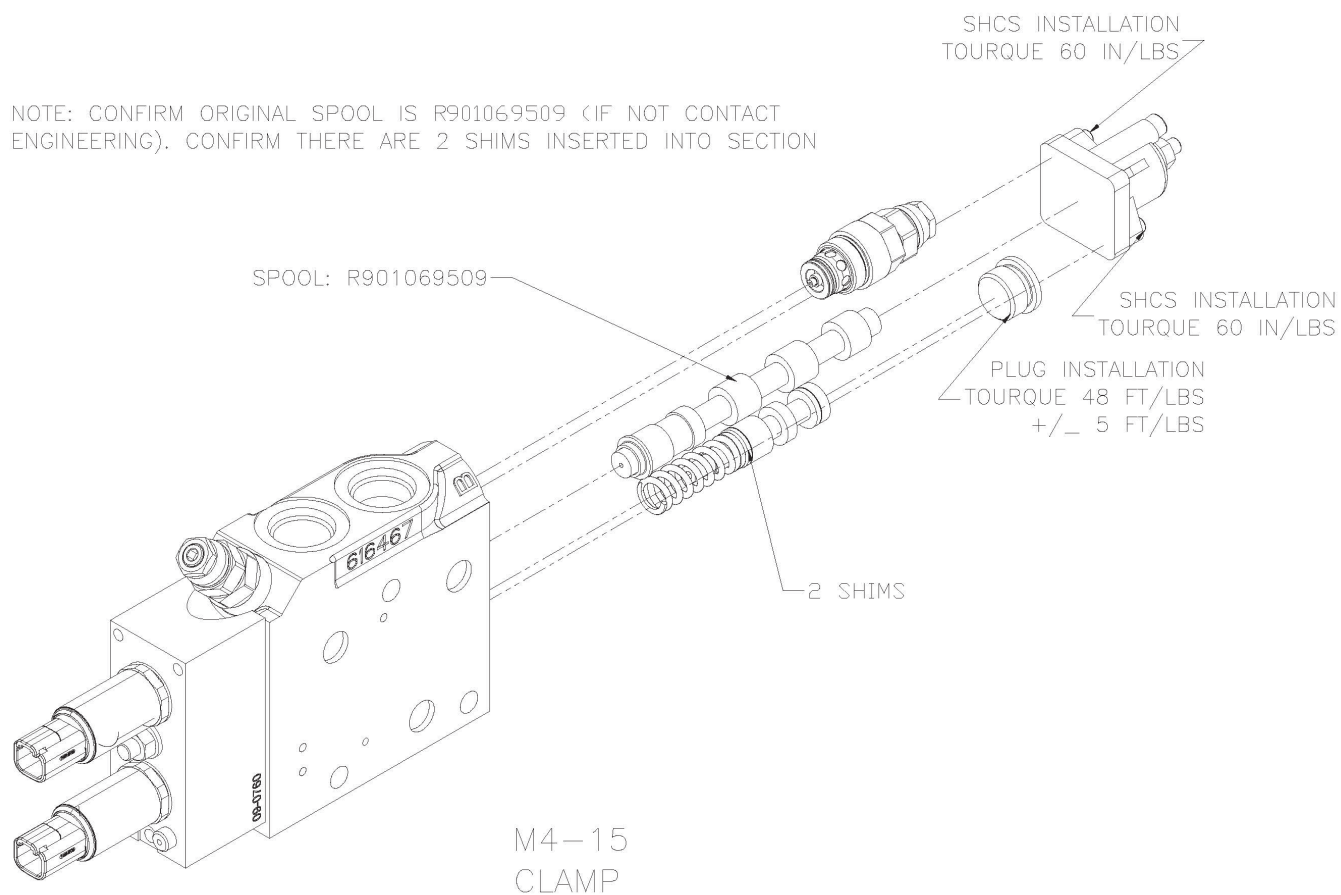
SECTION VIEW OF M7
MONOBLOCK AND SPOOL



LOG LOADER HYDRAULICS

REXROTH MAIN CONTROL VALVE - (CLAMP SECTION) - - (UP TO SN. 1153)

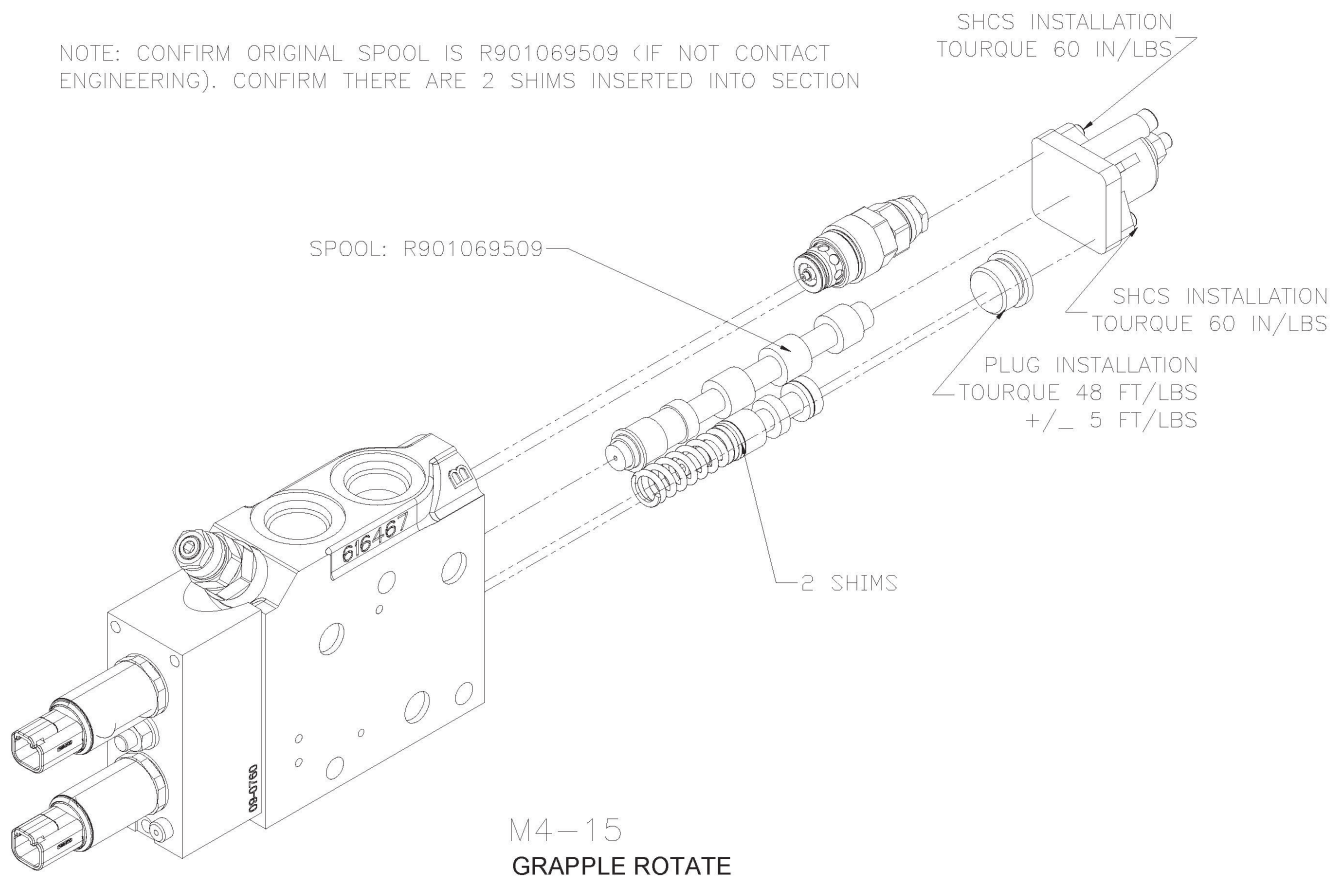
NOTE: CONFIRM ORIGINAL SPOOL IS R901069509 (IF NOT CONTACT ENGINEERING). CONFIRM THERE ARE 2 SHIMS INSERTED INTO SECTION



LOG LOADER HYDRAULICS

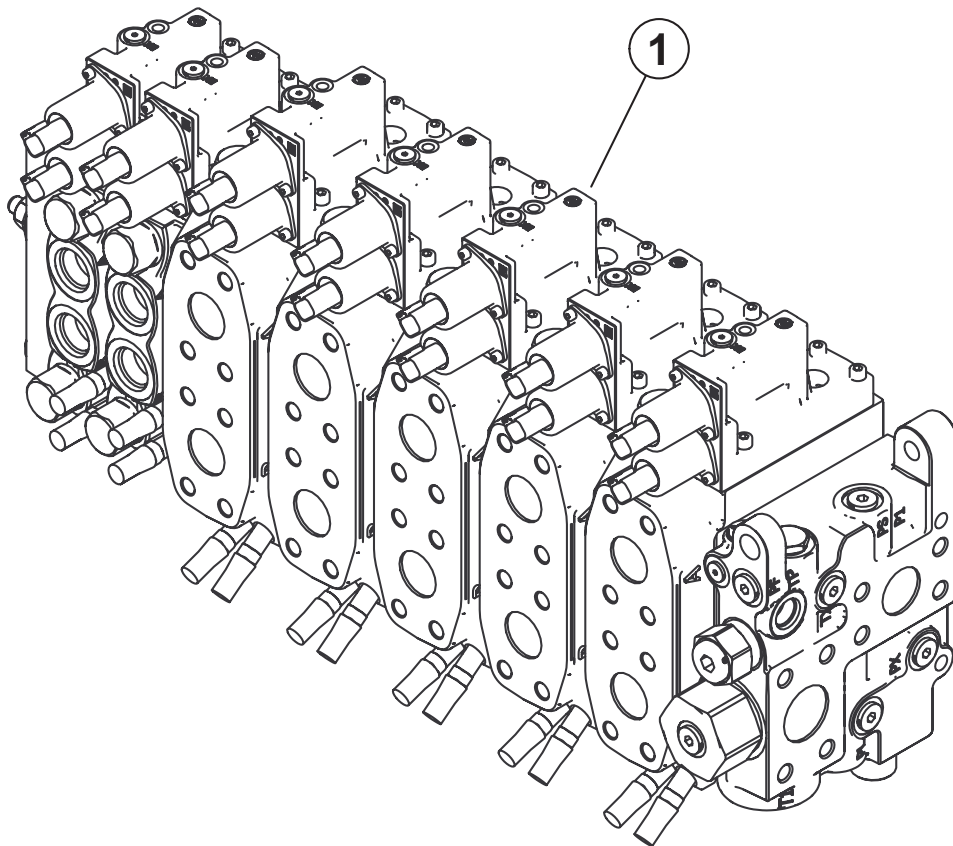
REXROTH MCV - (GRAPPLE ROTATE SECTION) - (UP TO SN. 1153)

NOTE: CONFIRM ORIGINAL SPOOL IS R901069509 (IF NOT CONTACT ENGINEERING). CONFIRM THERE ARE 2 SHIMS INSERTED INTO SECTION



LOG LOADER HYDRAULICS

PARKER 450/300 MCV - (COMPLETE ASSEMBLY) - (SN. 1154 & FORWARD)

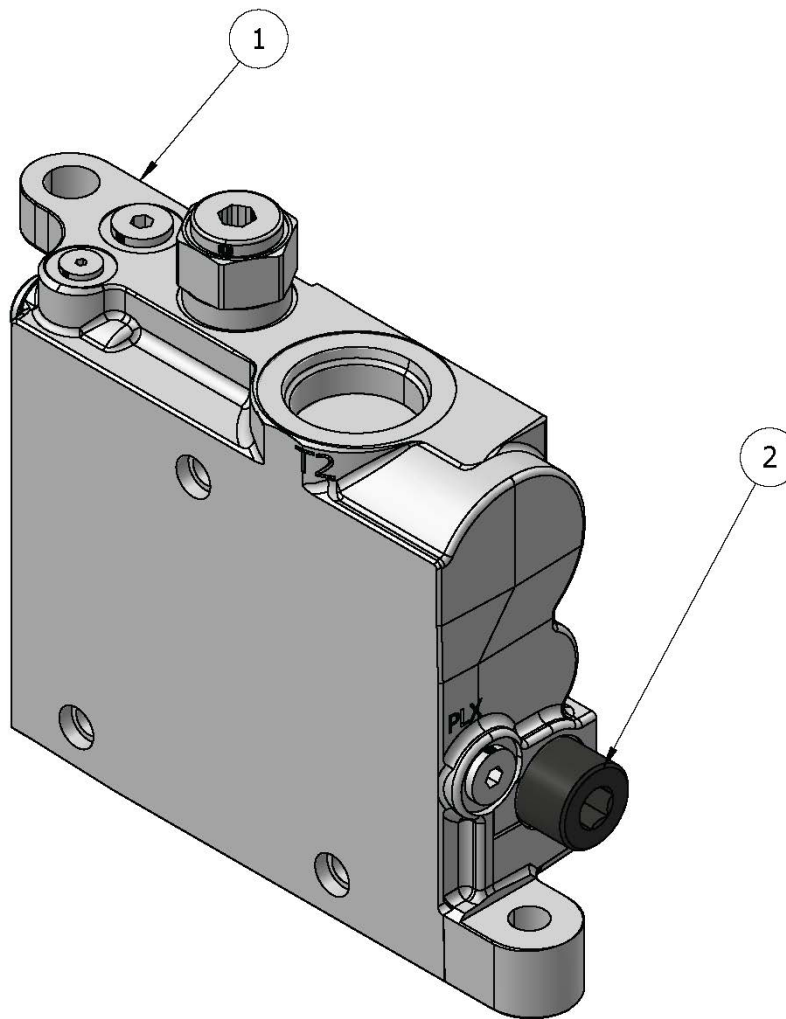


T6060 08/24

REF	PART #	QTY	DESCRIPTION
1	53345	1	785 MAIN CONTOL VALVE (PARKER 450/300)

LOG LOADER HYDRAULICS

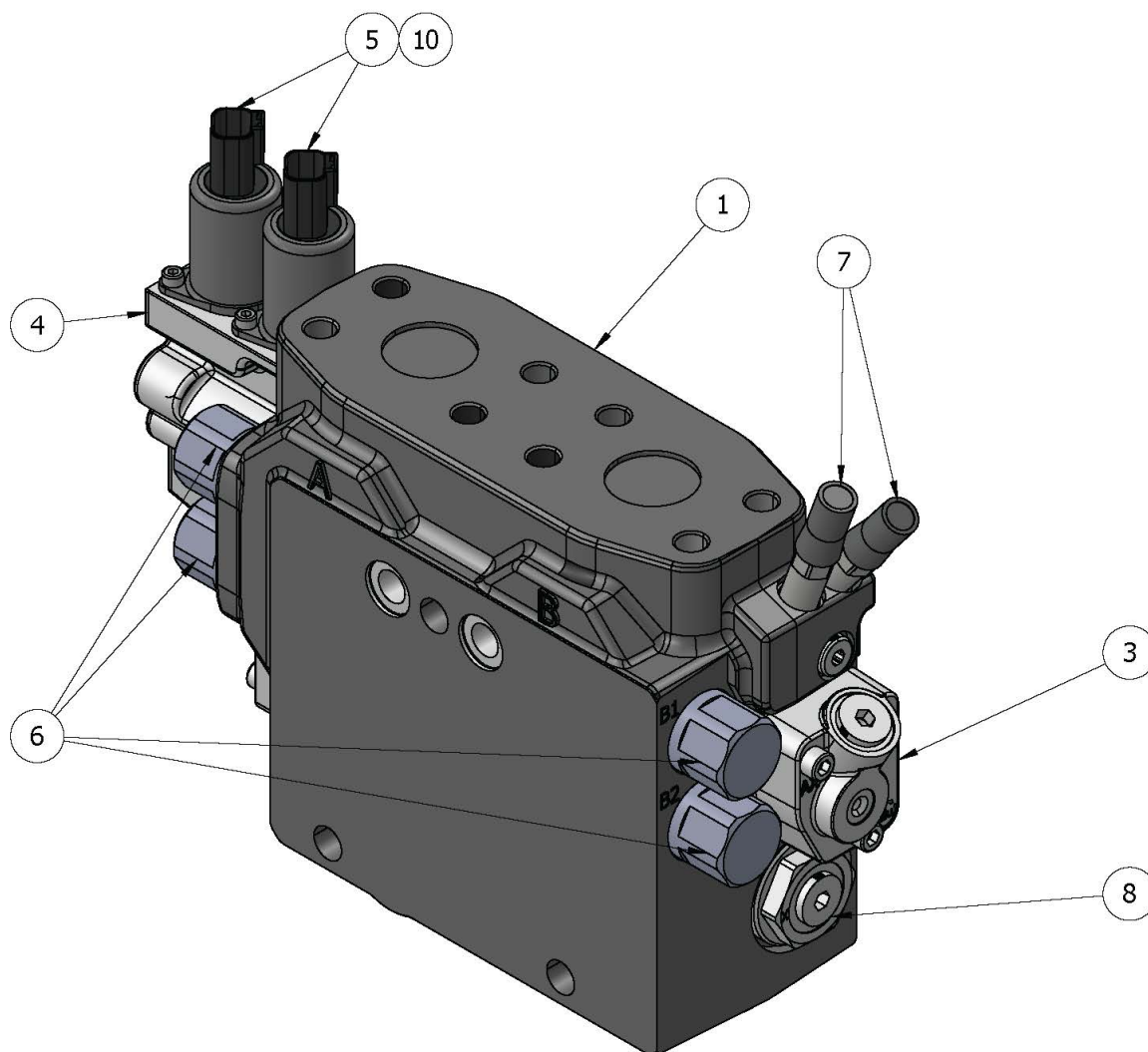
PARKER 450/300 MCV - (INLET SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20101979	1	VA450 INLET SECTION
2	19217256	1	RELIEF

LOG LOADER HYDRAULICS

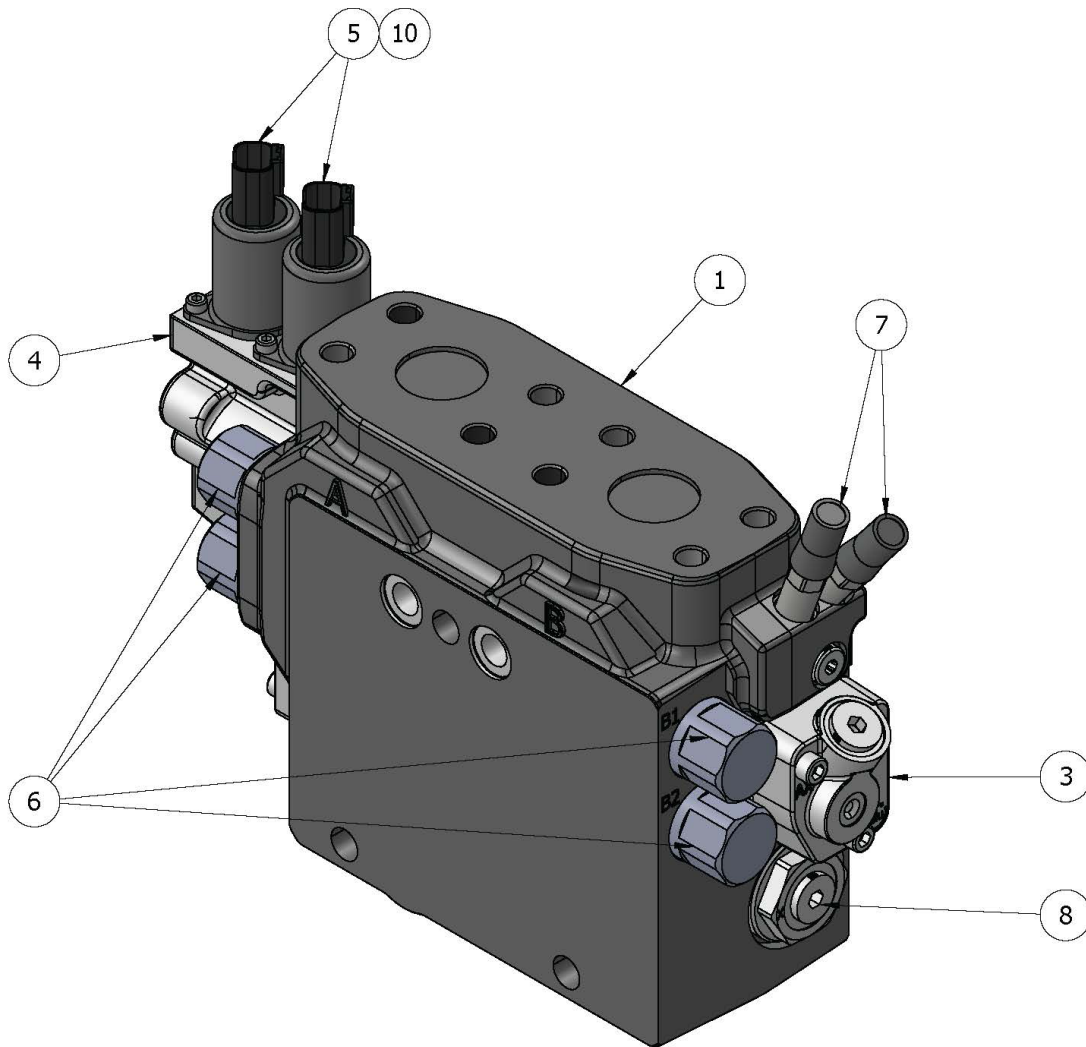
PARKER 450/300 MCV - (MAIN BOOM SECTION - M1 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20105972	1	VA450 MAIN BOOM SECTION - (M1 PORTS)
2	20099959	1	SPOOL (NOT SHOWN)
3	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER (NOT SHOWN)
4	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
6	19215623	4	PORT RELIEF (NOT SHOWN)
7	19213635	2	SUPPLY REDUCER
8	20106610	1	COMPENSATOR KIT
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)
10	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

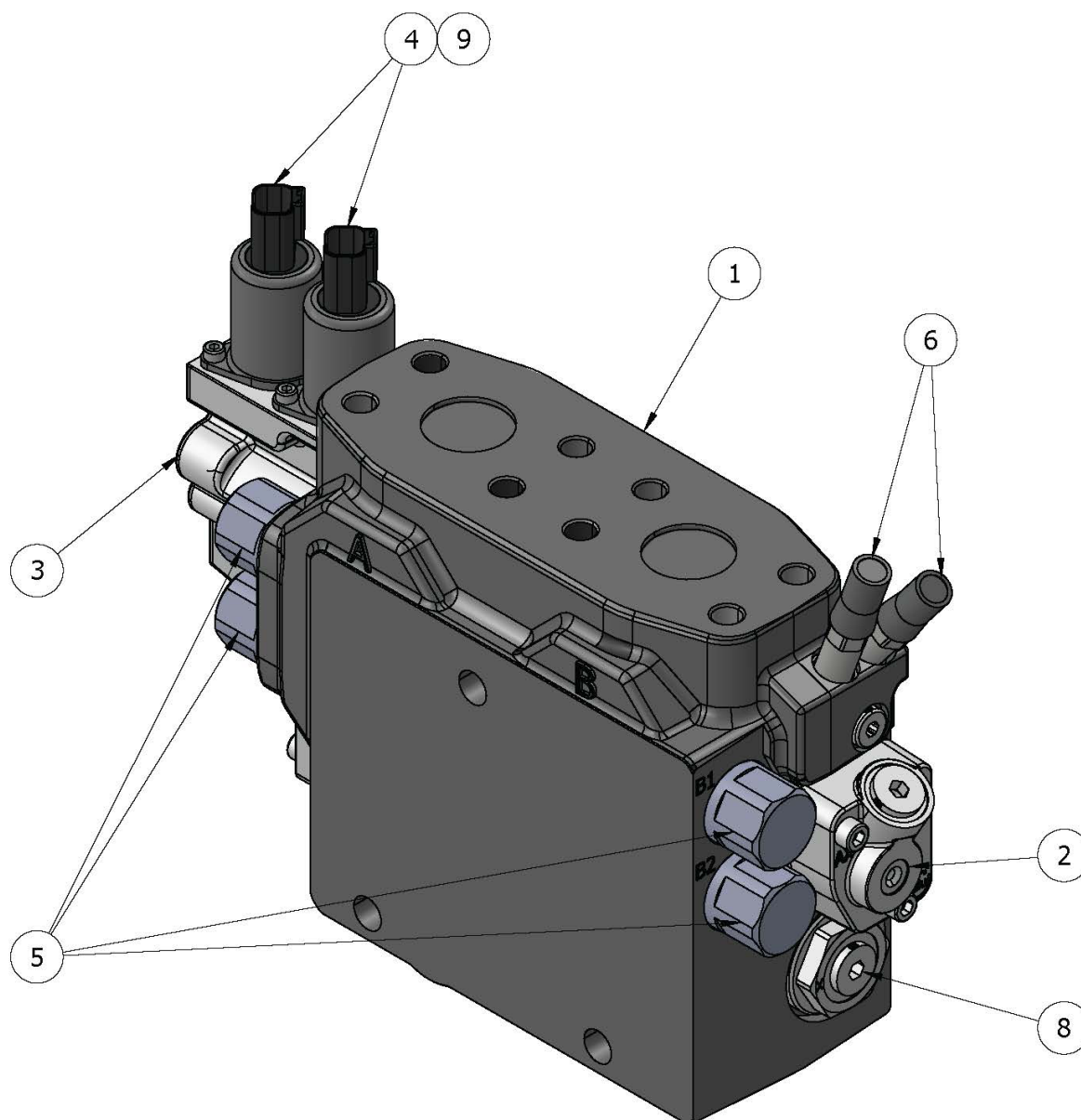
PARKER 450/300 MCV - (MAIN BOOM SECTION - M2 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20106006	1	VA450 MAIN BOOM SECTION - (M2 PORTS)
2	20099959	1	SPOOL (NOT SHOWN)
3	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER (NOT SHOWN)
4	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
6	19215623	4	PORT RELIEF (NOT SHOWN)
7	19213635	2	SUPPLY REDUCER
8	20106610	1	COMPENSATOR KIT
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)
10	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

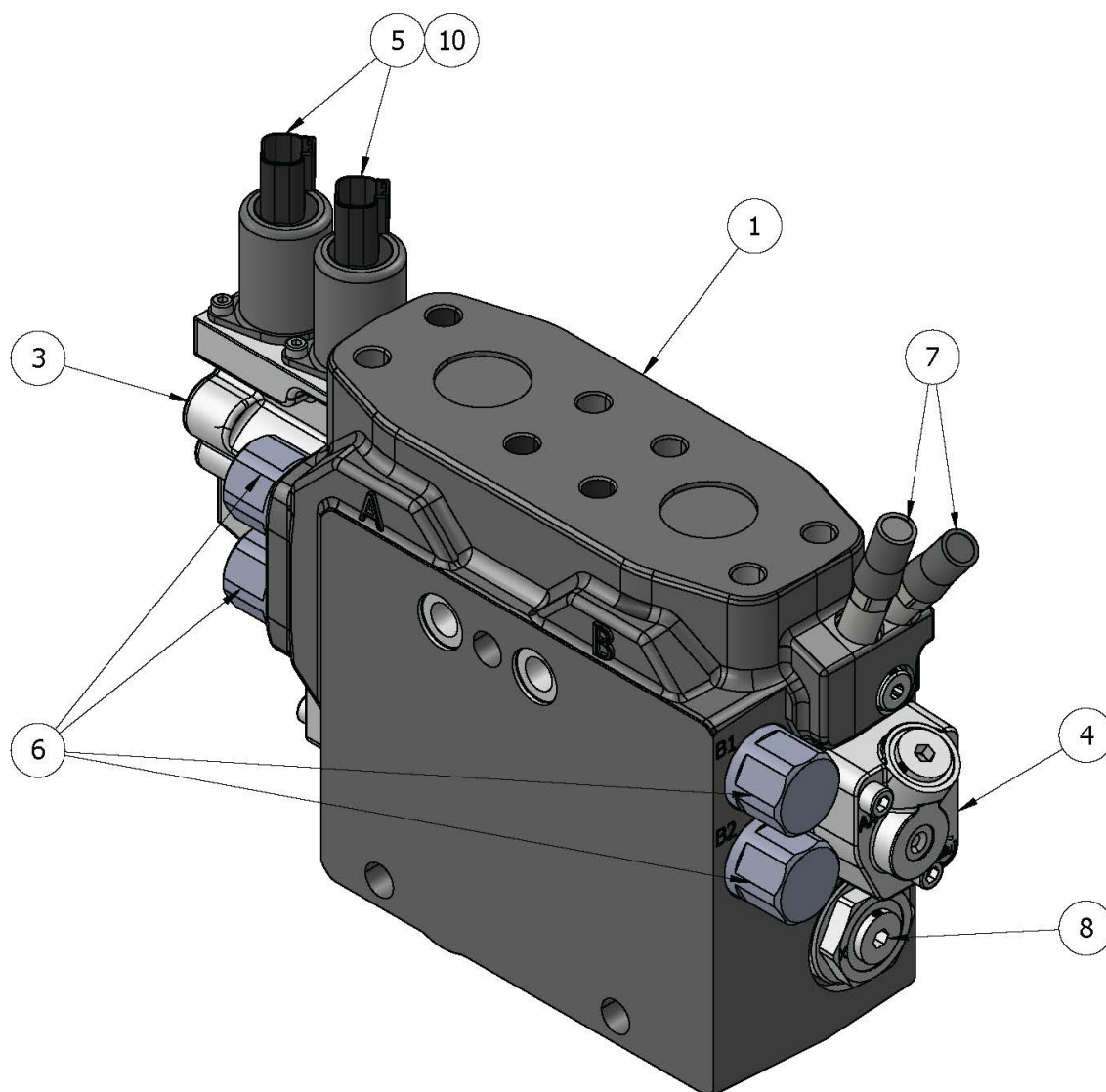
PARKER 450/300 MAIN CONTROL VALVE - (LIVE HEEL SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20101977	1	VA450 LIVE HEEL SECTION
2	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER (NOT SHOWN)
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER
4	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
5	19217273	4	PORT RELIEF (NOT SHOWN)
6	19213635	2	SUPPLY REDUCER
7	20106607	1	KIT, SPRING PACK (NOT SHOWN)
8	20106610	1	VA450 A AND B SIDE EK COMPENSATOR KIT
9	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

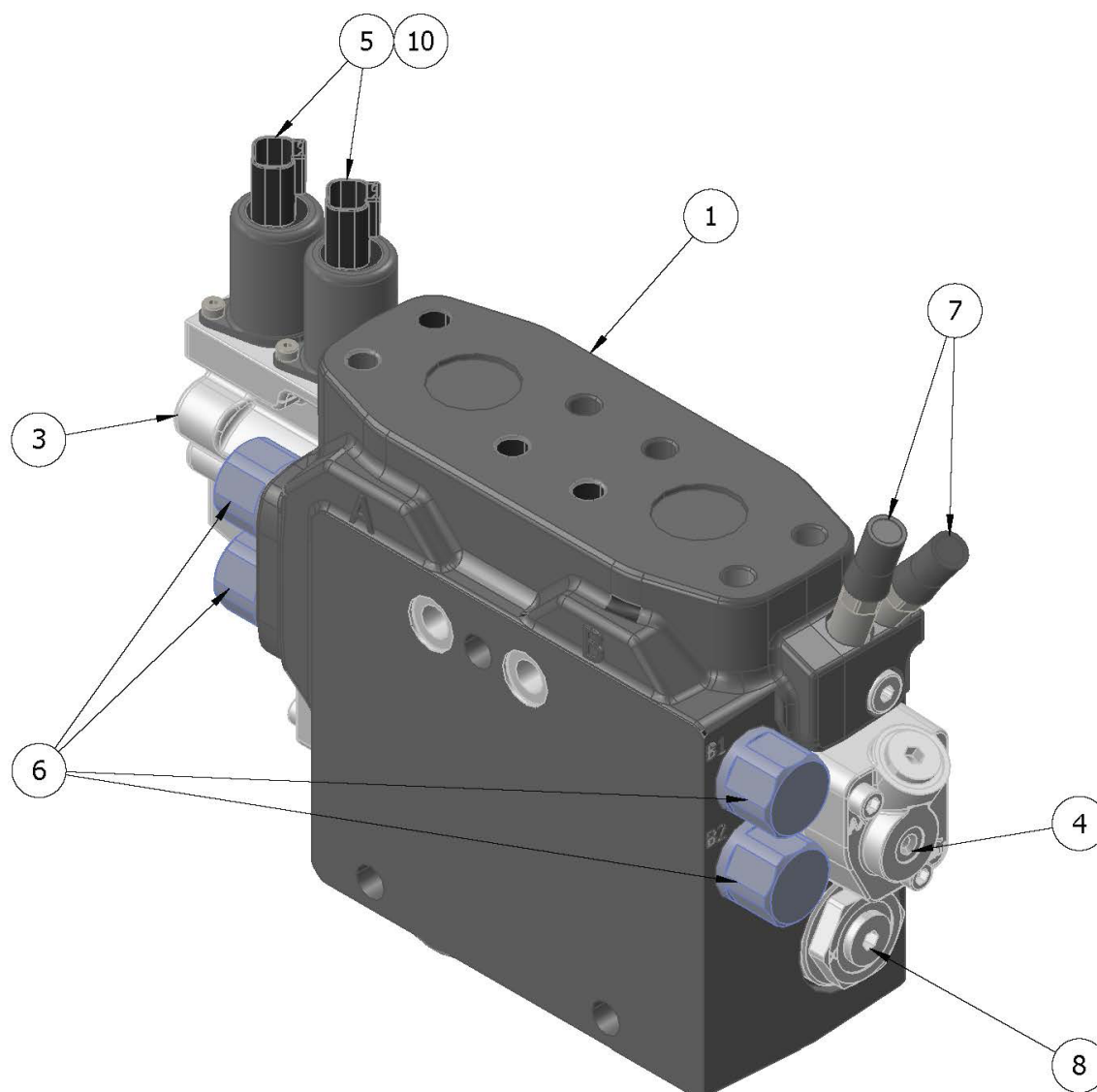
PARKER 450/300 MCV - (STICK BOOM SECTION - M1 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20105972	1	VA450 STICK BOOM SECTION - (M1 PORTS)
2	20099958	1	SPOOL (NOT SHOWN)
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
6	19215623	4	PORT RELIEF (NOT SHOWN)
7	19213635	2	SUPPLY REDUCER
8	20106610	1	COMPENSATOR KIT
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)
10	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

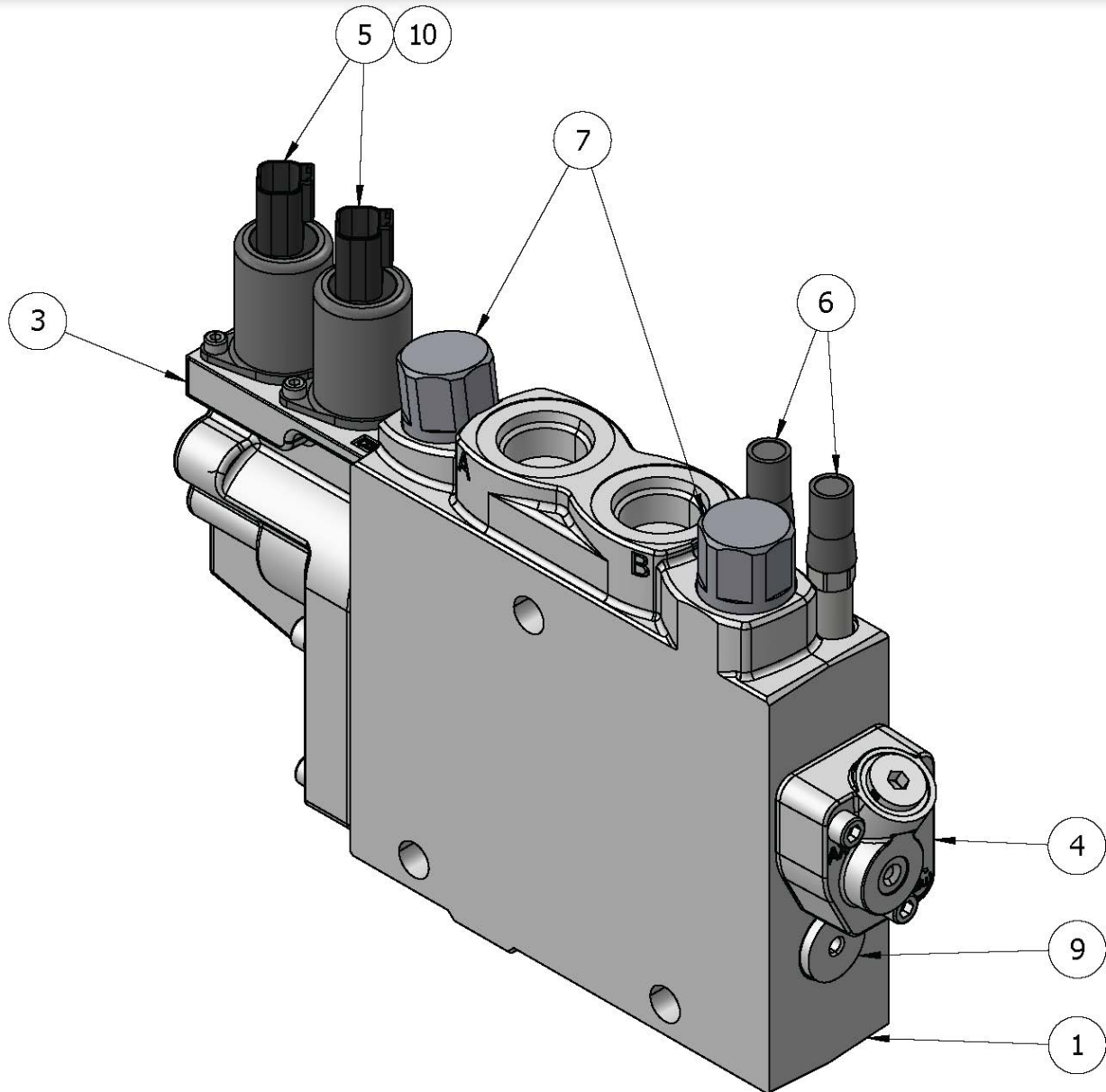
PARKER 450/300 MCV - (STICK BOOM SECTION - M2 PORTS) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20106006	1	VA450 STICK BOOM SECTION - (M2 PORTS)
2	20099958	1	SPOOL (NOT SHOWN)
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
6	19215623	4	PORT RELIEF (NOT SHOWN)
7	19213635	2	SUPPLY REDUCER
8	20106610	1	COMPENSATOR KIT
9	20106607	1	KIT, SPRING PACK (NOT SHOWN)
10	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

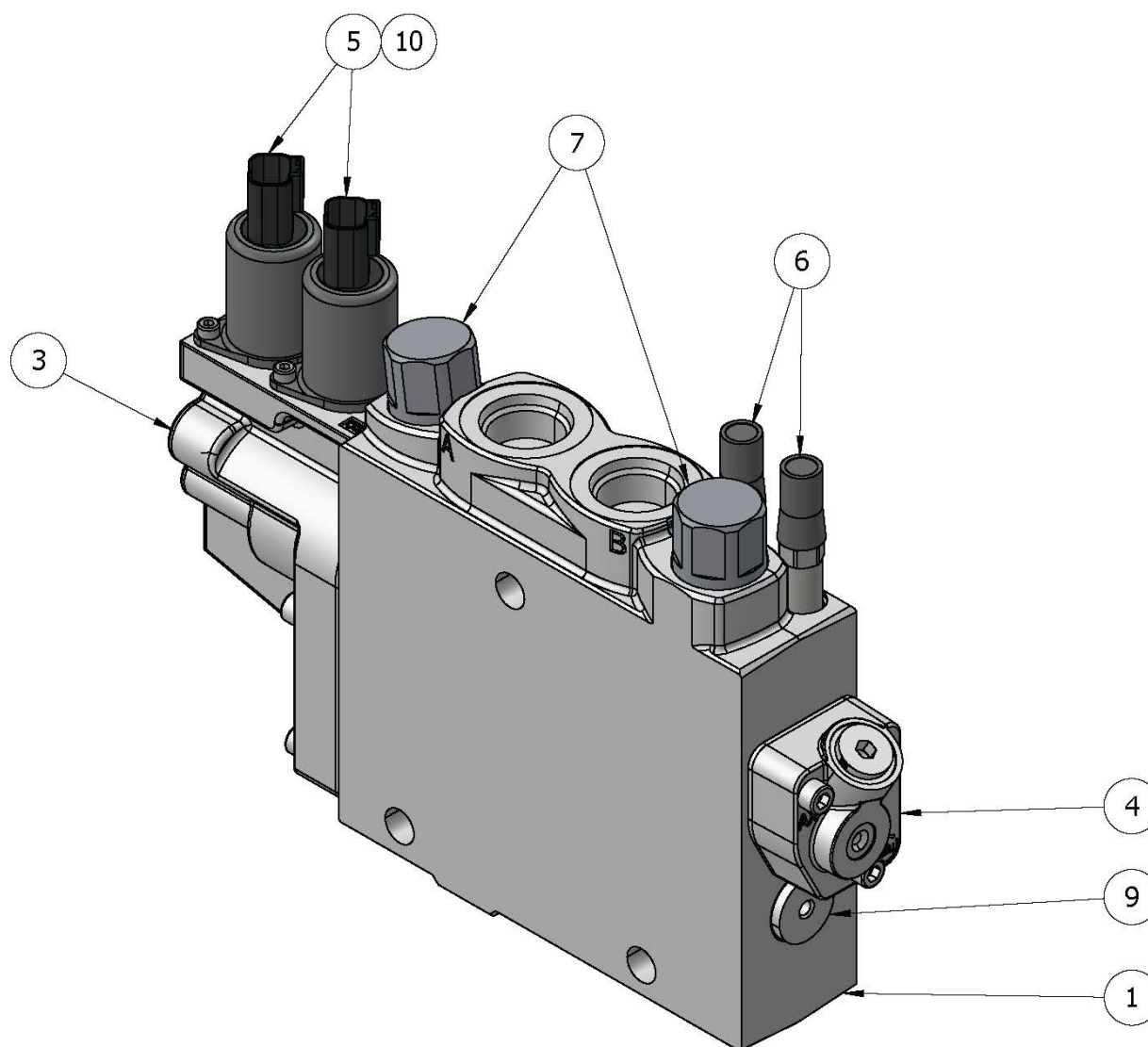
PARKER 450/300 MCV - (GRAPPLE OPEN/CLOSE SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20101976	1	VA300 GRAPPLE OPEN/CLOSE SECTION
2	20099966	1	SPOOL (NOT SHOWN)
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
6	19213635	2	SUPPLY REDUCER
7	19217272	2	280 BAR WP RELIEF
8	20099909	1	KIT, SPRING PACK (NOT SHOWN)
9	20106632	1	COMPENSATOR KIT
10	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

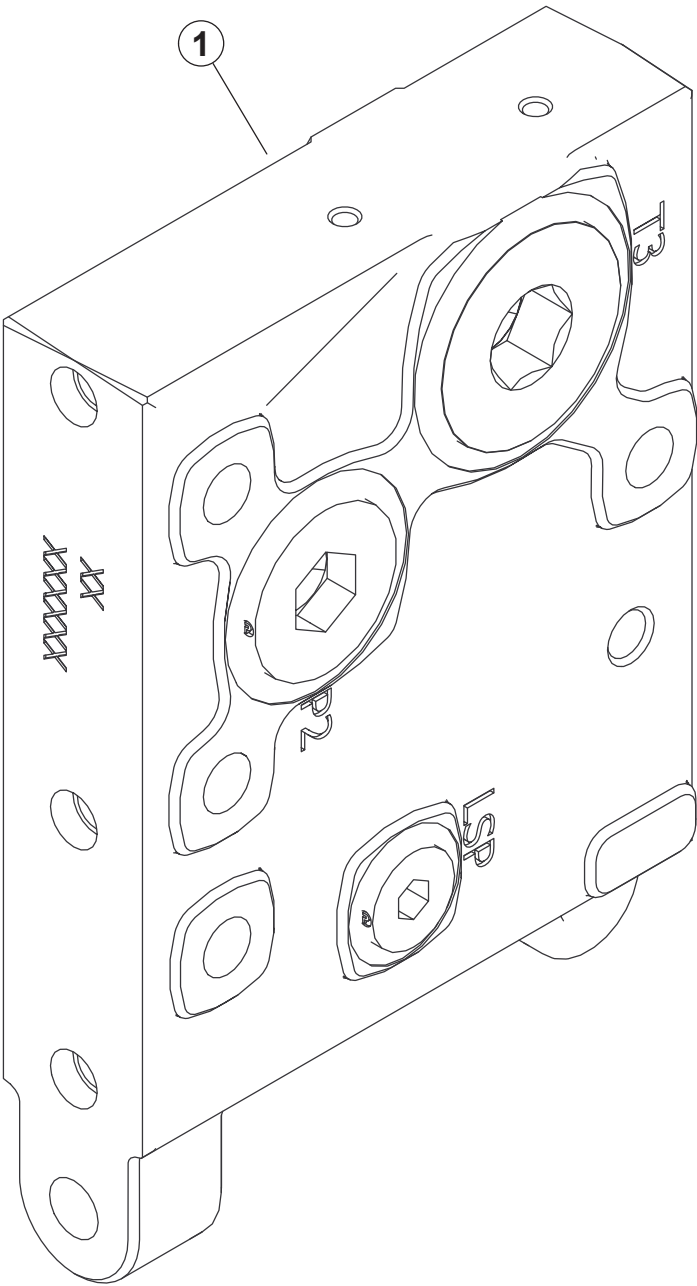
PARKER 450/300 MCV - (GRAPPLE ROTATE SECTION) - (SN. 1154 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	20101976	1	VA300 GRAPPLE ROTATE SECTION
2	20099966	1	SPOOL (NOT SHOWN)
3	20099915	1	KIT EC-CAP COMPLETE U VA450/VA300 ENDCAP W/O STROKE LIMITER (NOT SHOWN)
4	20099919	1	KIT B-SIDE COVER U VA450/VA300 CAP B W/O STROKE LIMITER
5	19215658	2	24VDC SOLENOID PILOT DEUSTCH W ORIFICE 0.8 MM
6	19213635	2	SUPPLY REDUCER
7	19217272	2	280 BAR WP RELIEF
8	20099909	1	KIT, SPRING PACK (NOT SHOWN)
9	20106632	1	COMPENSATOR KIT
10	19213054	2	PILOT ORFICE

LOG LOADER HYDRAULICS

PARKER 450/300 MAIN CONTROL VALVE - (END SECTION) - (SN. 1154 & FORWARD)



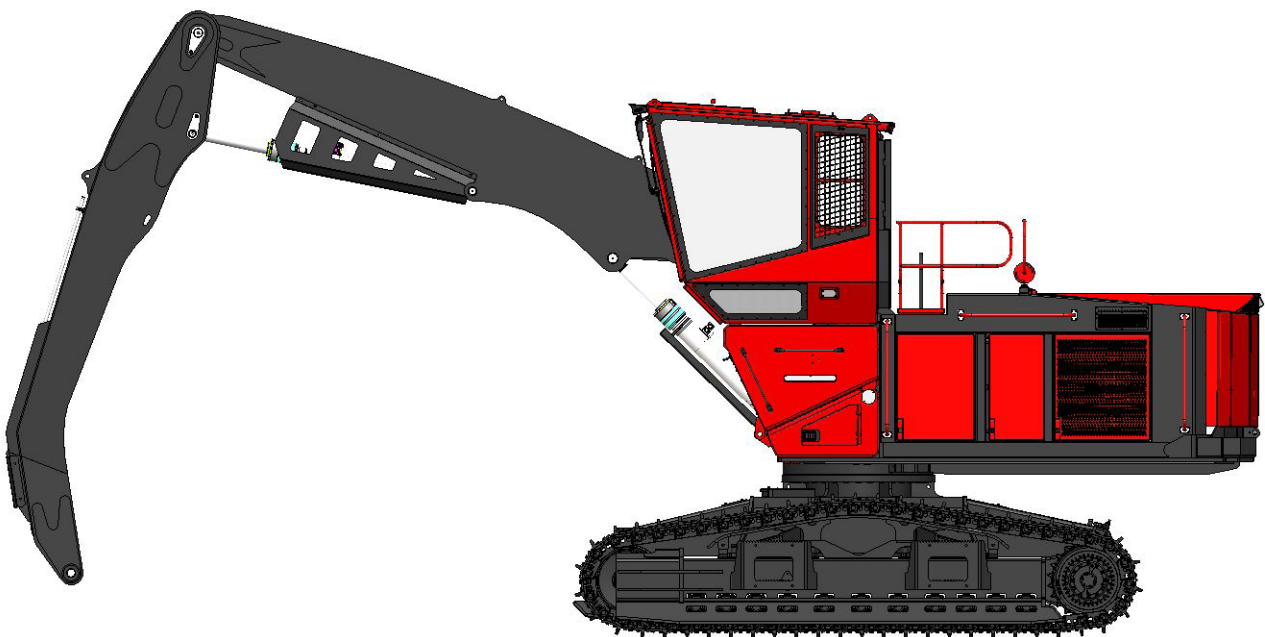
REF	PART #	QTY	DESCRIPTION
1	20101978	1	VA300 END SECTION

THIS PAGE LEFT BLANK FOR NOTES

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for writing or drawing. There are no margins, text, or other markings on the page.

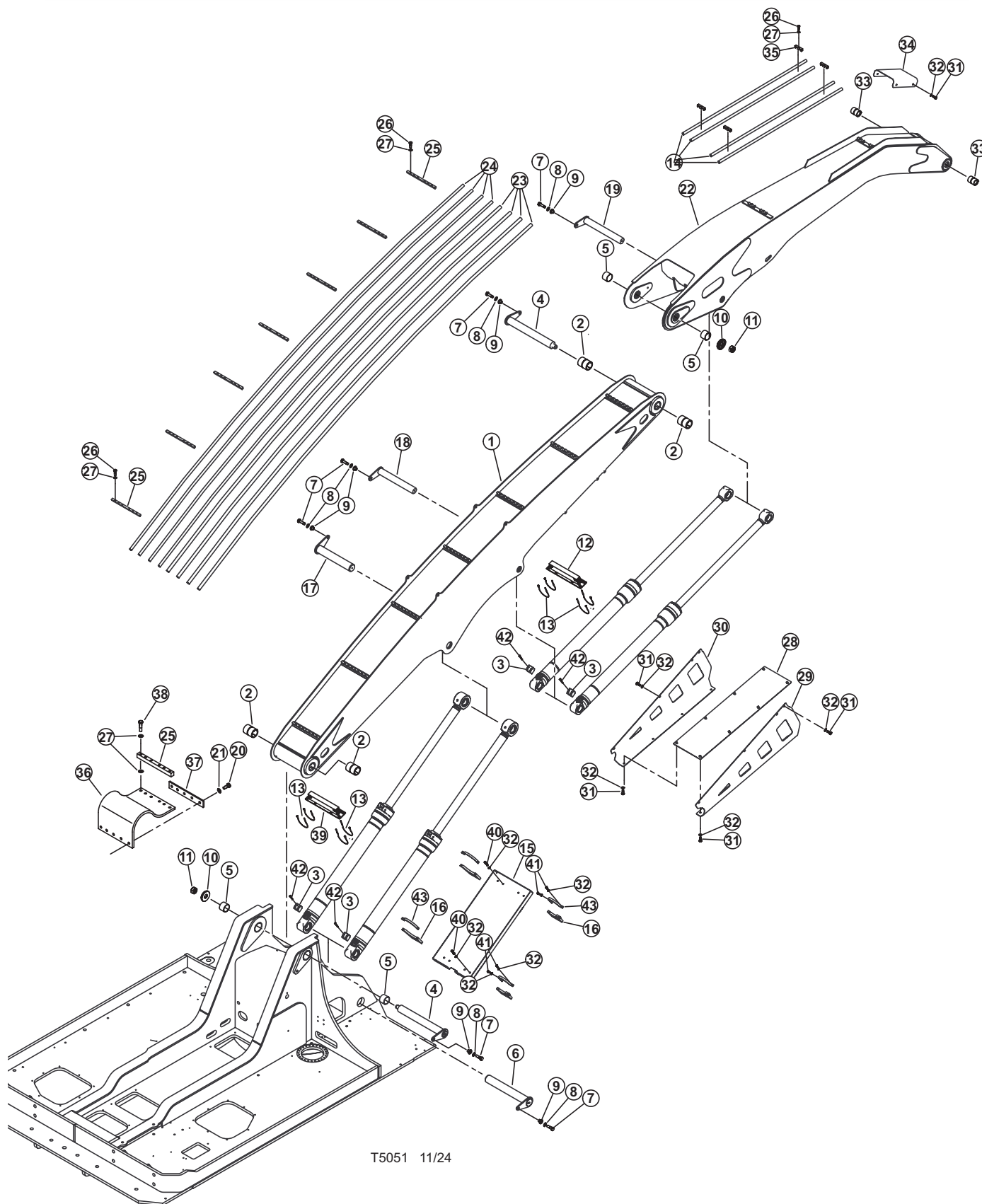
SECTION LLB-1

LOG LOADER BOOM ASSEMBLY AND INSTALLATION



LOG LOADER BOOM ASSEMBLY AND INSTALLATION

MILL YARD BOOM MAIN AND STICK ASSEMBLY



T5051 11/24

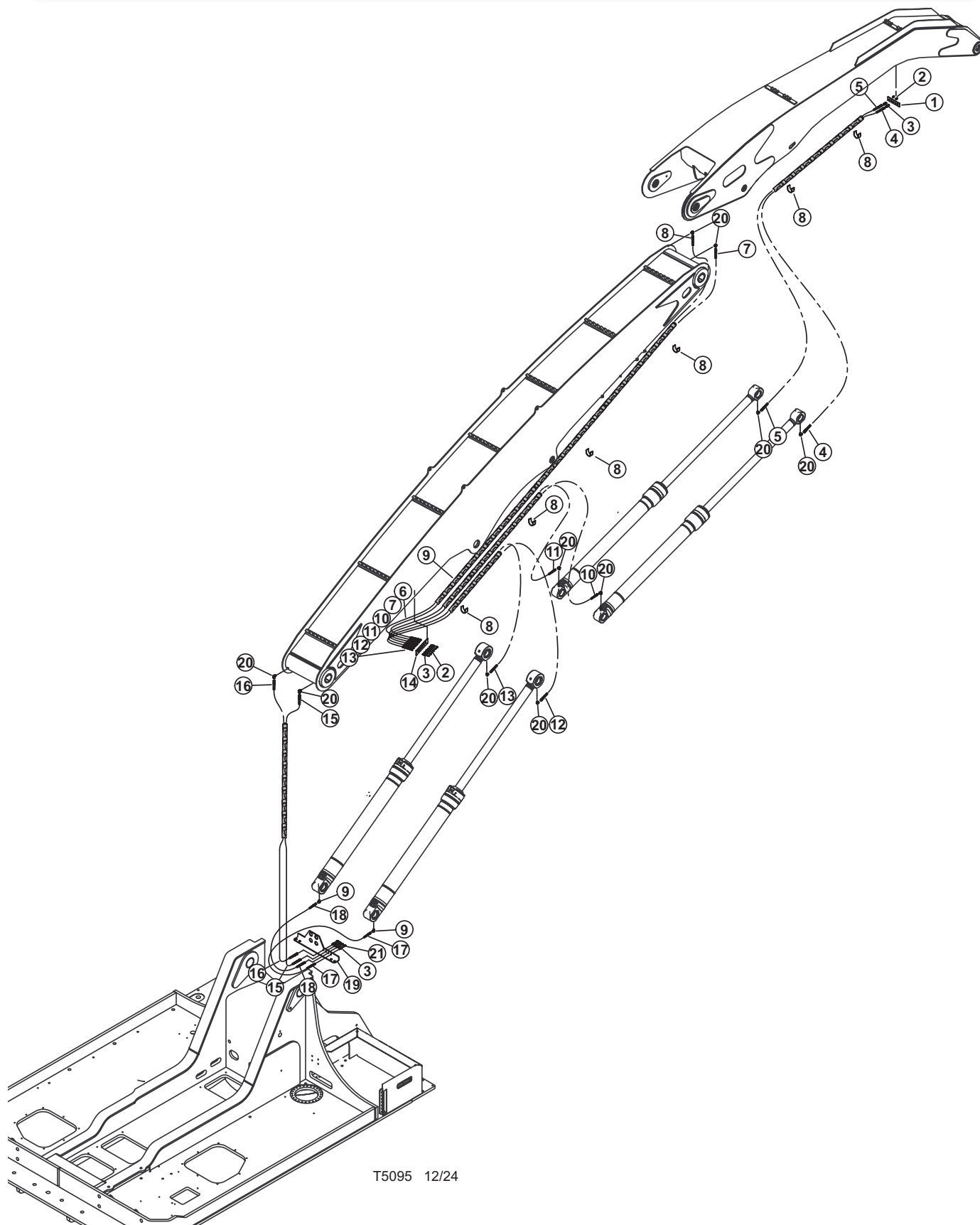
LOG LOADER BOOM ASSEMBLY AND INSTALLATION

MILL YARD BOOM MAIN AND STICK ASSEMBLY

REF	PART #	QTY	DESCRIPTION
1	663040	1	WELDMENT, MAIN BOOM - LL
2	489280	4	BUSHING, 5.00" OD x 4.00" ID X 5.00" L
3	57601	4	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
4	62190	2	PIN, MAIN
5	62488	4	BUSHING, 4.5"X4.0"X3.19 LG
6	62387	1	PIN, MIAN CYLINDER
7	10841	6	BOLT - .75" X 3.5"
8	15550	6	WASHER, FLAT SAE - .75"
9	18570	6	WASHER, PIN RETAINING
10	48771	2	WASHER, 6.00 OD X 2.13 ID DISHED
11	10728	2	NUT, NYLOCK - 2" (ZINC PLATED)
12	62545	1	MANIFOLD - MAIN/STICK CYLINDER
13	57748	8	CABLE, CYL MANIFOLD MOUNT
14	66277	4	STICK BOOM TUBELINES #12
15	62592	1	PLATE, LOWER CYL GUARD - LL
16	62593	4	PLATE, CYL CLAMP - LL
17	62490	1	PIN, 4.25" X 25.25"
18	62429	1	PIN ASSY, 90MM X 25.50"
19	62491	1	PIN, 90MM X 27.5" - STK CYL STK BOOM
20	11707	5	BOLT - .375" X 1"
21	10802	5	WASHER, FLAT - .375"
22	661100	1	STICK BOOM WELDMENT
23	62600	4	MAIN BOOM TUBELINES #16
24	62601	4	MAIN BOOM TUBELINES #12
25	62562	6	CLAMP, SADDLE TOP - LL
26	23262	36	BOLT - .625" X 3.25"
27	10771	42	WASHER, SAE FLAT - .625"
28	65579	1	ASSY, LOWER CYL GUARD - LL
29	65578	1	PLATE, CYL GUARD SIDE - RH
30	65577	1	PLATE, CYL GUARD SIDE - LH
31	18933	20	BOLT - .5" X 1.75"
32	10804	36	WASHER, FLAT - .5"
33	484250	2	BUSHING, 3.5"X3.0"X 4.5"
34	66280	1	PLATE, TUBELINE SHIELD
35	19324	4	CLAMP, SADDLE TOP - .75" X .75"
36	62779	1	RUBBER, DEBRIS FLAP-TAIL
37	48663	1	BAR, DEBRIS FLAP HOLD-DOWN
38	10773	6	BOLT - .625" X .5"
39	65980	1	WELDMENT, MAIN CYLINDERS MAINIFOLD-LL
40	10736	8	BOLT - .5" X 2"
41	66552	8	BOLT - .5" X 1.125"
42	66554	16	BOLT M12 65mm SHCS
43	66374	4	PLATE, CYL STRAP - LL

LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

MILL YARD BOOM GREASE LINES ASSEMBLY AND INSTALLATION



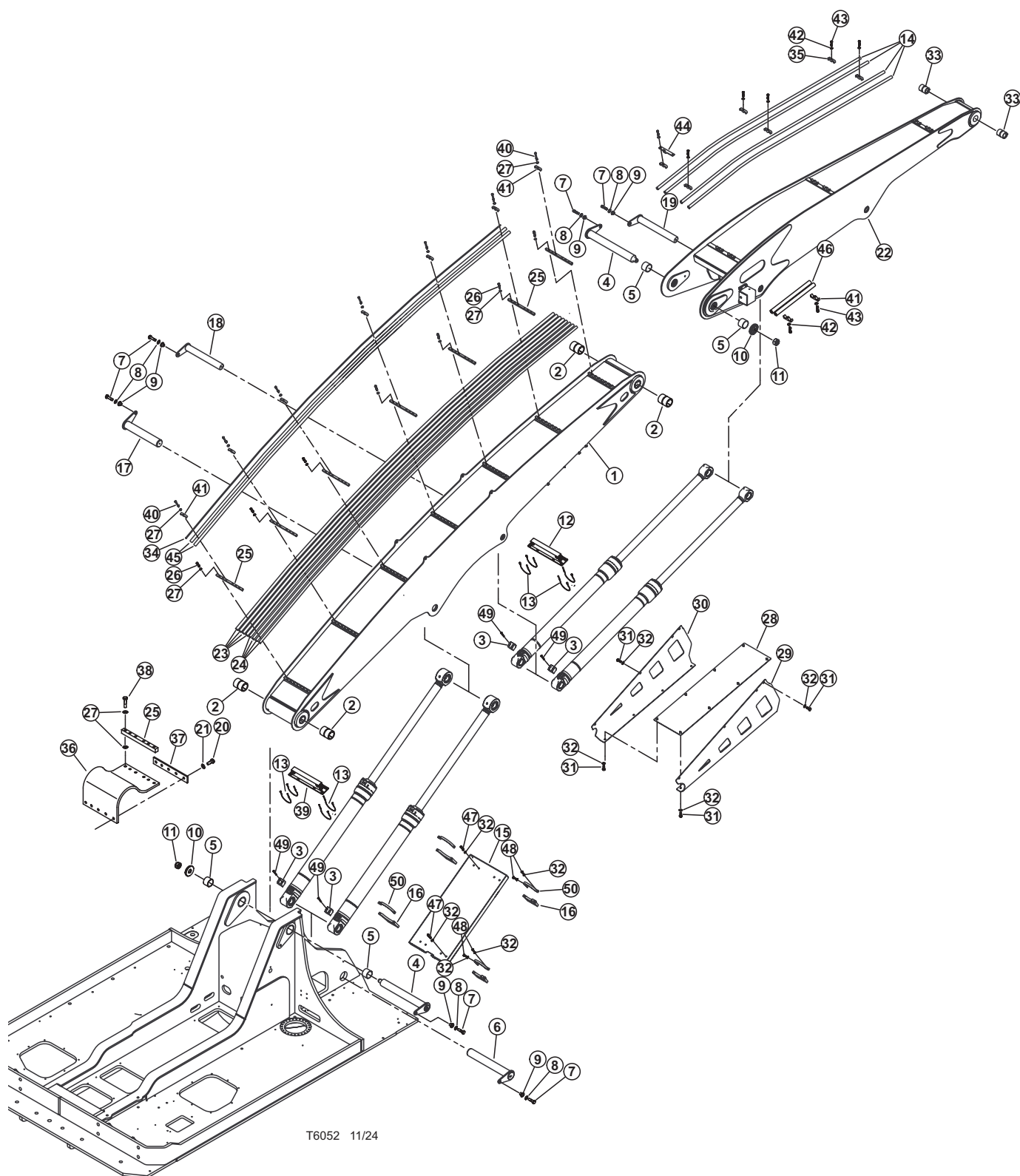
LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

MILL YARD BOOM GREASE LINES ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	60081	1	STICK BOOM GREASE FITTING PLATE - (WELD ON)
2	10704	8	FITTING, GREASE - .125 NPT - STR
3	15658	12	CONNECTOR, STR BULKHEAD - 2239-2-4S
4	680110 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD120 02-02PS-04JS-W)(STICK CYL ROD TO GREASE PLATE-RH)
5	680110 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD120 02-02PS-04JS-W)(STICK CYL ROD TO GREASE PLATE-LH)
6	680080 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD280 02-02PS-04JS-W)(MAIN / STICK PIN TO GREASE PLATE-RH)
7	680080 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD280 02-02PS-04JS-W)(MAIN / STICK PIN TO GREASE PLATE-LH)
8	(CALL)	6	GREASE PLATE HOOP - (WELD ON)
19	20810	AR	SLEEVE, PROTECTIVE HOSE - 0.75"
10	680090 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD163 02-02PS-04JS-W)(STICK CYL BASE TO GREASE PLATE-RH)
11	680090 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD163 02-02PS-04JS-W)(STICK CYL BASE TO GREASE PLATE-LH)
12	680100 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD95 02-02PS-04JS-W)(MAIN CYL ROD TO GREASE PLATE-RH)
13	680100 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD95 02-02PS-04JS-W)(MAIN CYL ROD TO GREASE PLATE-LH)
14	(CALL)	1	MAIN BOOM GREASE FITTING PLATE - (WELD ON)
15	680060 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD75 02-02PB-04JS-W)(MAIN BOOM BASE PIN TO BULKHEAD PLATE - RH)
16	680060 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD75 02-02PB-04JS-W)(MAIN BOOM BASE PIN TO BULKHEAD PLATE - LH)
17	680070 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD46 02-02PS-04JS-W)(MAIN CYL BASE TO BULKHEAD PLATE-RH)
18	680070 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD46 02-02PS-04JS-W)(MAIN CYL BASE TO BULKHEAD PLATE-LH)
19	62567	1	PLATE, DUAL #20 BH MT
20	22281	12	ELBOW, 90 - 5546132
21	59133	4	ZERK, GREASE - 1/8-27 NPTF, 45

LOG LOADER BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL MAIN AND STICK BOOM ASSEMBLY



T6052 11/24

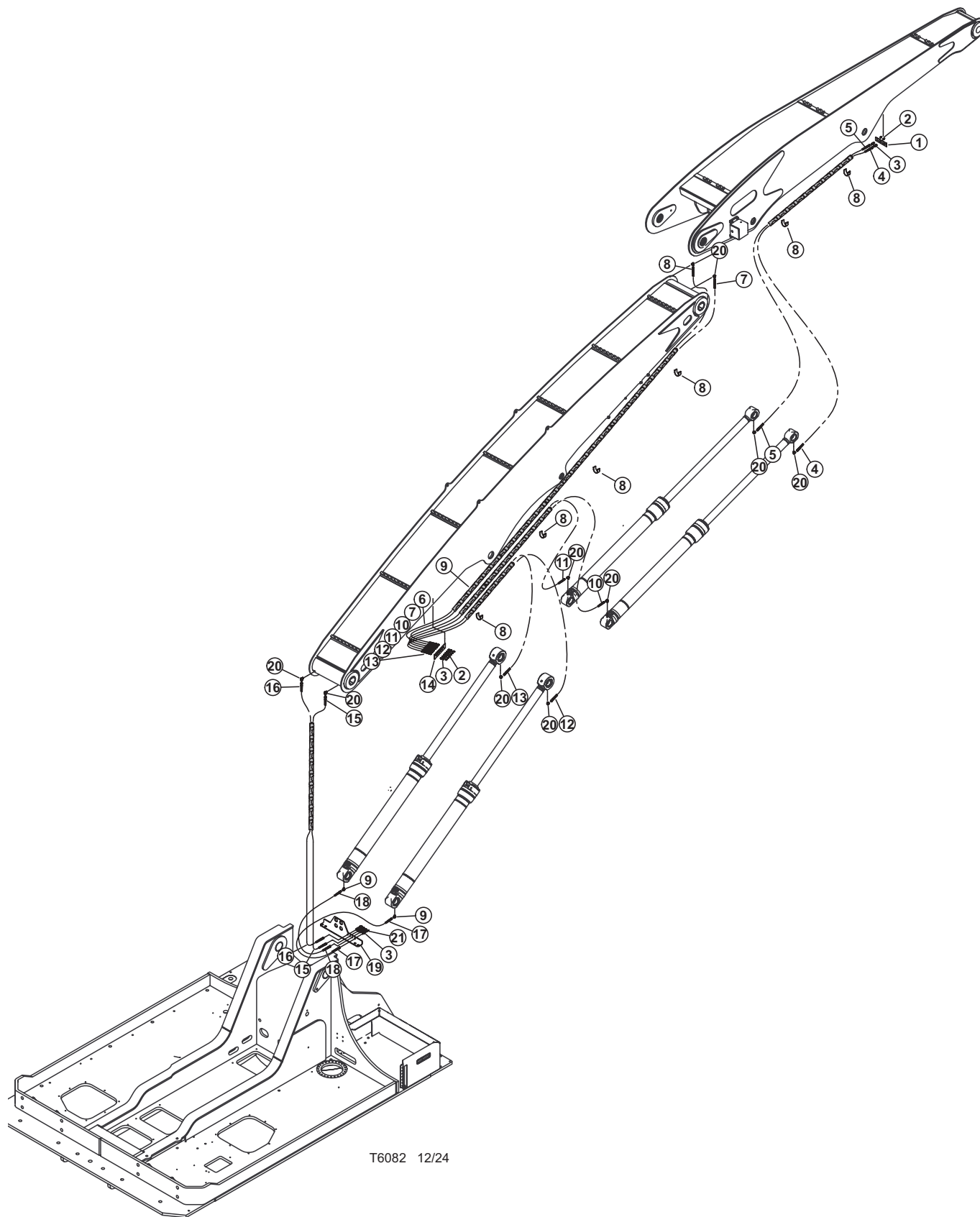
LOG LOADER BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL MAIN AND STICK BOOM ASSEMBLY

REF	PART #	QTY	DESCRIPTION
1	663040	1	WELDMENT, MAIN BOOM - LL
2	489280	4	BUSHING, 5.00" OD x 4.00" ID X 5.00" L
3	57601	4	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
4	62190	2	PIN, MAIN
5	62488	4	BUSHING, 4.5"X4.0"X3.19 LG
6	62387	1	PIN, MIAN CYLINDER
7	10841	6	BOLT - .75" X 3.5"
8	15550	6	WASHER, FLAT SAE - .75"
9	18570	6	WASHER, PIN RETAINING
10	48771	2	WASHER, 6.00 OD X 2.13 ID DISHED
11	10728	2	NUT, NYLOCK - 2" (ZINC PLATED)
12	62545	1	MANIFOLD - MAIN/STICK CYLINDER
13	57748	8	CABLE, CYL MANIFOLD MOUNT
14	62637	4	TUBELINE, LL STICK .75" X 111.0"
15	62592	1	PLATE, LOWER CYL GUARD - LL
16	62593	4	PLATE, CYL CLAMP - LL
17	62490	1	PIN, 4.25" X 25.25"
18	62429	1	PIN ASSY, 90MM X 25.50"
19	62491	1	PIN, 90MM X 27.5" - STK CYL STK BOOM
20	11707	5	BOLT - .375" X 1"
21	10802	5	WASHER, FLAT - .375"
22	62870	1	WELDMENT, STICK BOOM - LL HEEL MOUNT
23	62600	4	MAIN BOOM TUBELINES #16
24	62601	4	MAIN BOOM TUBELINES #12
25	62562	6	CLAMP, SADDLE TOP - LL
26	23262	30	BOLT - .625" X 3.25"
27	10771	36	WASHER, SAE FLAT - .625"
28	65579	1	ASSY, LOWER CYL GUARD - LL
29	65578	1	PLATE, CYL GUARD SIDE - RH
30	65577	1	PLATE, CYL GUARD SIDE - LH
31	18933	20	BOLT - .5" X 1.75"
32	10804	36	WASHER, FLAT - .5"
33	484250	2	BUSHING, 3.5"X3.0"X 4.5"
34	66570	1	TUBELINE, LIGHT WIRE
35	19324	4	CLAMP, SADDLE TOP - .75" X .75"
36	62779	1	RUBBER, DEBRIS FLAP-TAIL
37	48663	1	BAR, DEBRIS FLAP HOLD-DOWN
38	10773	6	BOLT - .625" X .5"
39	65980	1	WELDMENT, MAIN CYLINDERS MAINIFOLD-LL
40	66529	6	BOLT - .625" X 5.25"
41	12447	8	CLAMP, SADDLE TOP TUBE - 1" & 1"
42	66463	8	WASHER, FLAT - .625" - 1.3" OD
43	15517	8	BOLT - .625" X 2.5"
44	66571	1	BRACKET
45	66450	2	TUBELINE, -16 X 23'-2"L, BOOM - LL
46	19497	2	TUBELINE - 1" X 24"
47	10736	8	BOLT - .5" X 2"
48	66552	8	BOLT - .5" X 1.125"
49	66554	16	BOLT M12 65mm SHCS
50	66374	4	PLATE, CYL STRAP - LL

LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL BOOM GREASE LINES ASSEMBLY AND INSTALLATION



T6082 12/24

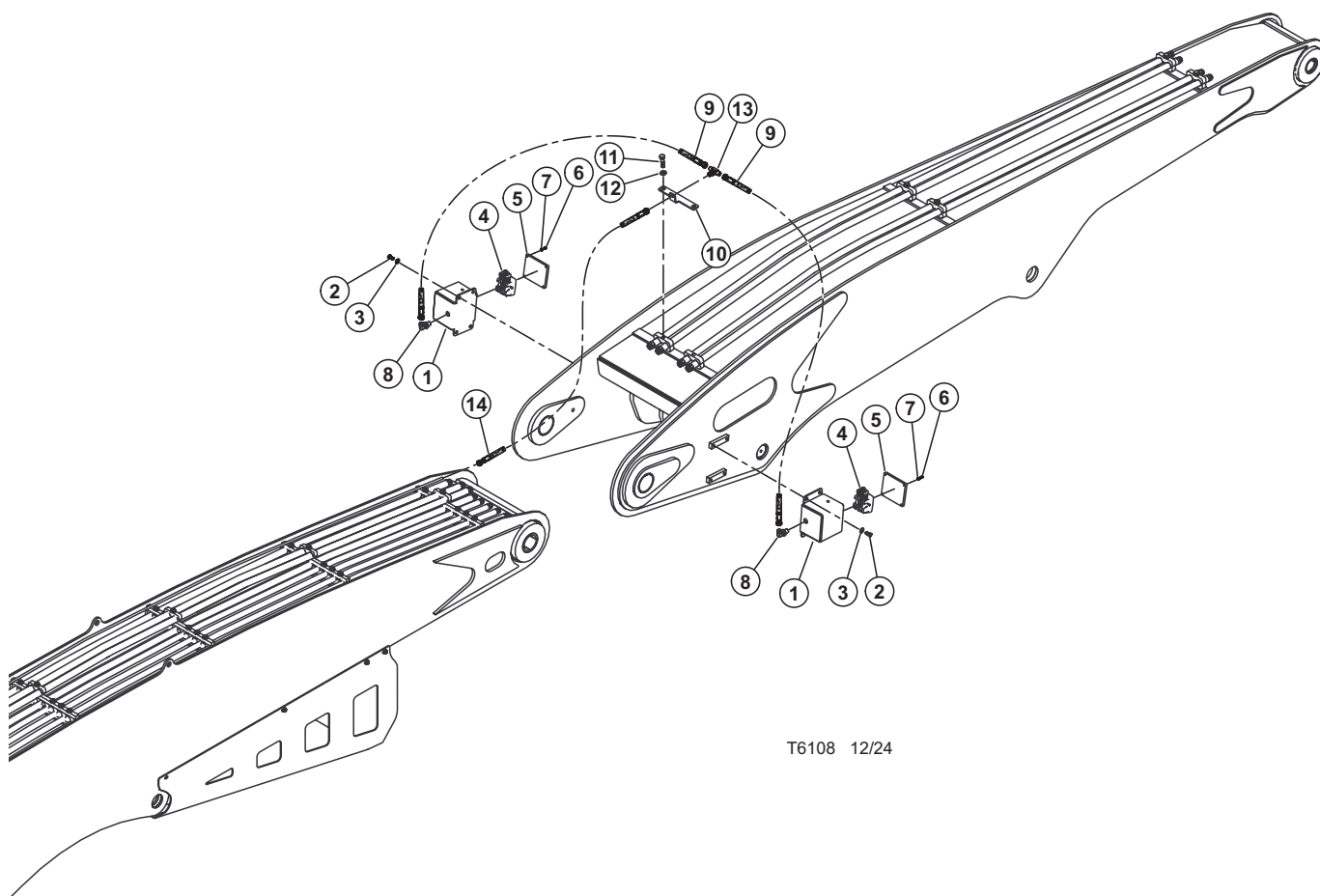
LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL BOOM GREASE LINES ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	60081	1	STICK BOOM GREASE FITTING PLATE - (WELD ON)
2	10704	8	FITTING, GREASE - .125 NPT - STR
3	15658	12	CONNECTOR, STR BULKHEAD - 2239-2-4S
4	680110 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD120 02-02PS-04JS-W)(STICK CYL ROD TO GREASE PLATE-RH)
5	680110 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD120 02-02PS-04JS-W)(STICK CYL ROD TO GREASE PLATE-LH)
6	680080 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD280 02-02PS-04JS-W)(MAIN / STICK PIN TO GREASE PLATE-RH)
7	680080 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD280 02-02PS-04JS-W)(MAIN / STICK PIN TO GREASE PLATE-LH)
8	(CALL)	6	GREASE PLATE HOOP - (WELD ON)
19	20810	AR	SLEEVE, PROTECTIVE HOSE - 0.75"
10	680090 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD163 02-02PS-04JS-W)(STICK CYL BASE TO GREASE PLATE-RH)
11	680090 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD163 02-02PS-04JS-W)(STICK CYL BASE TO GREASE PLATE-LH)
12	680100 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD95 02-02PS-04JS-W)(MAIN CYL ROD TO GREASE PLATE-RH)
13	680100 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD95 02-02PS-04JS-W)(MAIN CYL ROD TO GREASE PLATE-LH)
14	(CALL)	1	MAIN BOOM GREASE FITTING PLATE - (WELD ON)
15	680060 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD75 02-02PB-04JS-W)(MAIN BOOM BASE PIN TO BULKHEAD PLATE - RH)
16	680060 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD75 02-02PB-04JS-W)(MAIN BOOM BASE PIN TO BULKHEAD PLATE - LH)
17	680070 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD46 02-02PS-04JS-W)(MAIN CYL BASE TO BULKHEAD PLATE-RH)
18	680070 (66355 - KIT)	1	HOSE ASSY - (PART # HLBD46 02-02PS-04JS-W)(MAIN CYL BASE TO BULKHEAD PLATE-LH)
19	62567	1	PLATE, DUAL #20 BH MT
20	22281	12	ELBOW, 90 - 5546132
21	59133	4	ZERK, GREASE - 1/8-27 NPTF, 45

LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

ARM LIGHT ASSEMBLY AND INSTALLATION



T6108 12/24

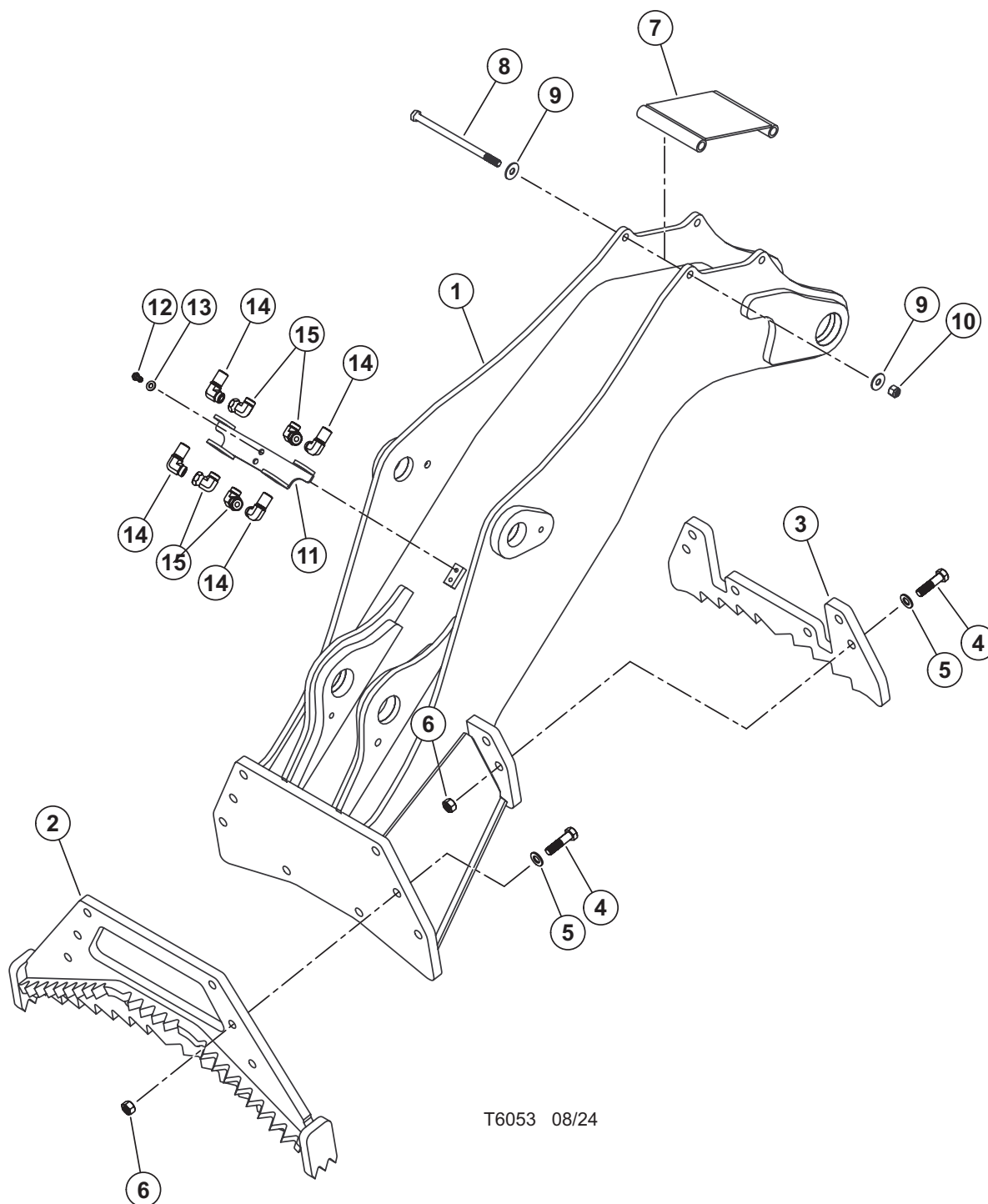
LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

ARM LIGHT ASSEMBLY AND INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	66560	2	BRACKET, LIGHT
2	10783	8	BOLT - .5" X 1"
3	10804	8	WASHER, FLAT - .5"
4	53208	2	LIGHT
5	53081	2	LEXAN LIGHT COVER
6	15576	8	.25" X 1' BOLT
7	10757	8	WASHER, FLAT - .25"
8	24187	2	ELBOW, 90 BULKHEAD - 855BH-TT-08
9	66599 (KIT - 66365)	2	HOSE, ELECTRIC, 378TC30.5 06-06OS-06OS-W
10	66571	1	BRACKET, PLATE
11	15517	2	BOLT - .625" X 2.5"
12	66463	2	WASHER, FLAT - .625" - 1.3" OD
13	52903	1	TEE, BULKHEAD BRANCH - 8
14	66604 (KIT - 66363)	1	HOSE, ELECTRIC, 387TC53 06-06OS-06OS-W

LOG LOADER BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL COMPONENTS



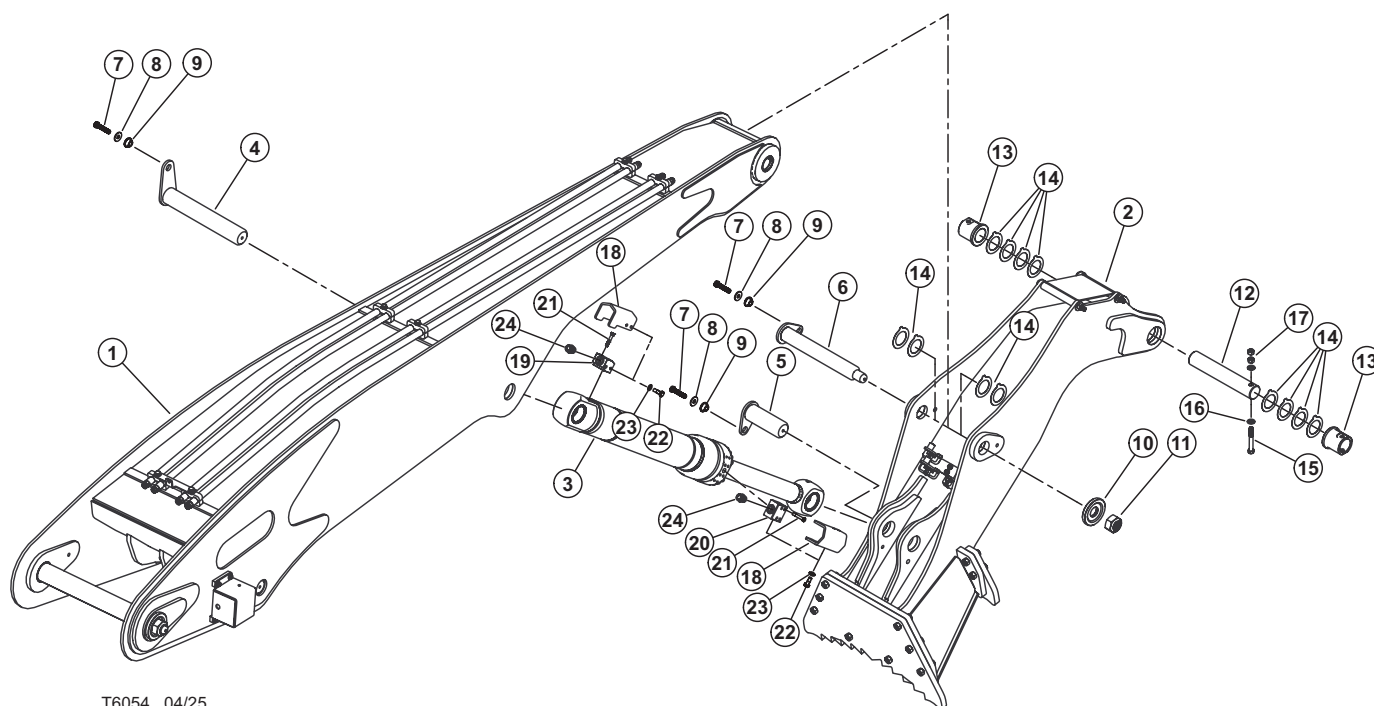
LOG LOADER BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL COMPONENTS

REF	PART #	QTY	DESCRIPTION
1	663800	1	HEEL, WELDMENT - LL
2	2400410	1	BUCKING BAR G, HEEL, REAR, 50"
3	663960	1	BRACKET, HEEL-RACK MID TEETH - LL
4	66406	14	BOLT - .875" X 3.5"
5	10718	14	WASHER, SAE FLAT - .875"
6	66395	14	NUT, HEX - .875"
7	66399	1	GUARD, GRAPPLE HOSE
8	66407	2	BOLT - .75" X 13"
9	15550	4	WASHER, SAE FLAT - .75"
10	10817	2	NUT, LOCK - .75"
11	66402	1	BRACKET, HEEL BULKHEAD - LL
12	10783	2	BOLT - .5" X 1"
13	10804	2	WASHER, FLAT - .5"
14	24188	4	ELBOW, 90 BULKHEAD - 855BH-TT-12
15	17670	4	ELBOW, 90 SWIVEL - FF2098T-1212S

LOG LOADER BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL INSTALLATION



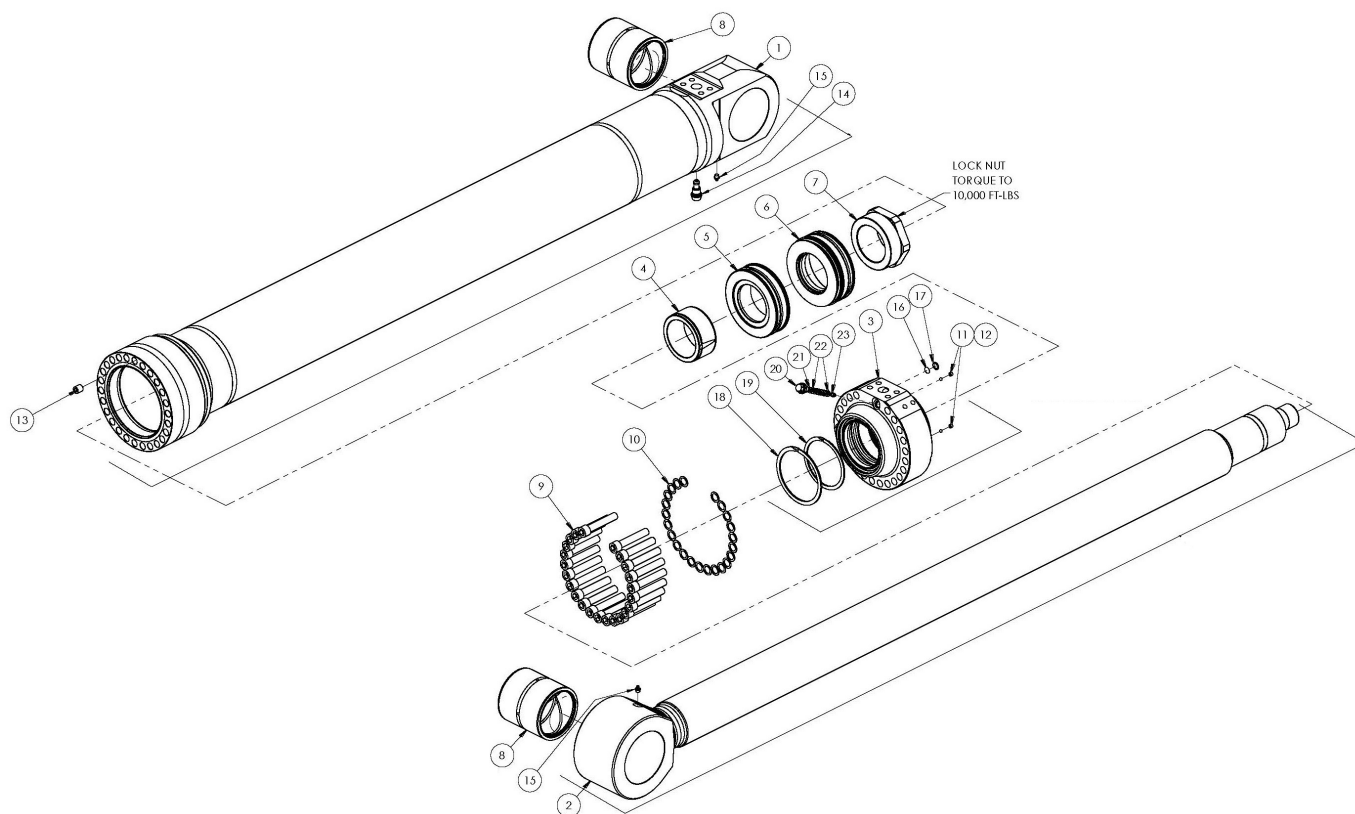
LOG LOADER BOOM ASSEMBLY AND INSTALLATION

LIVE HEEL INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	2257700	1	ARM U., TN785
2	2257800	1	HEEL U., TN785
3	62295	1	CYLINDER, HEEL BOOM (150MM BORE - 40" ST
4	62493	1	PIN ASSEMBLY
5	62396	1	PIN ASSEMBLY
6	62393	1	PIN ASSEMBLY
7	10841	3	BOLT - .75" X 3.5"
8	15550	3	WASHER, SAE FLAT - .75"
9	18570	3	WASHER, PIN RETAINING
10	48771	1	WASHER - 6 OD x 2.13 ID
11	10728	1	NUT, NYLOCK - 2" (ZINC PLATED)
12	66412	1	PIN, DIA 3" X 17.375" L
13	66411	2	ADAPTER, ROTOBEC GRAPPLE
14	66594	12	SPACER
15	66414	2	BOLT - .75" X 5.5"
16	66415	2	WASHER, FLAT -.75" - 1.5" O.D.
17	10776	2	NUT, HEX - .75"
18	58232	2	GUARD, PORT BLOCK TOOL TILT CYL.
19	57601	1	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
20	58231	1	MANIFOLD, PORT BLOCK - TOOL TILT CYL.
21	66554	8	BOLT, SOCKET HEAD - M12-1.75 X 65 12.9
22	10783	8	BOLT - .5" X 1"
23	10804	8	WASHER, FLAT - .5"
24	15225	2	CONNECTOR, STR - FF1852T-1616S

LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

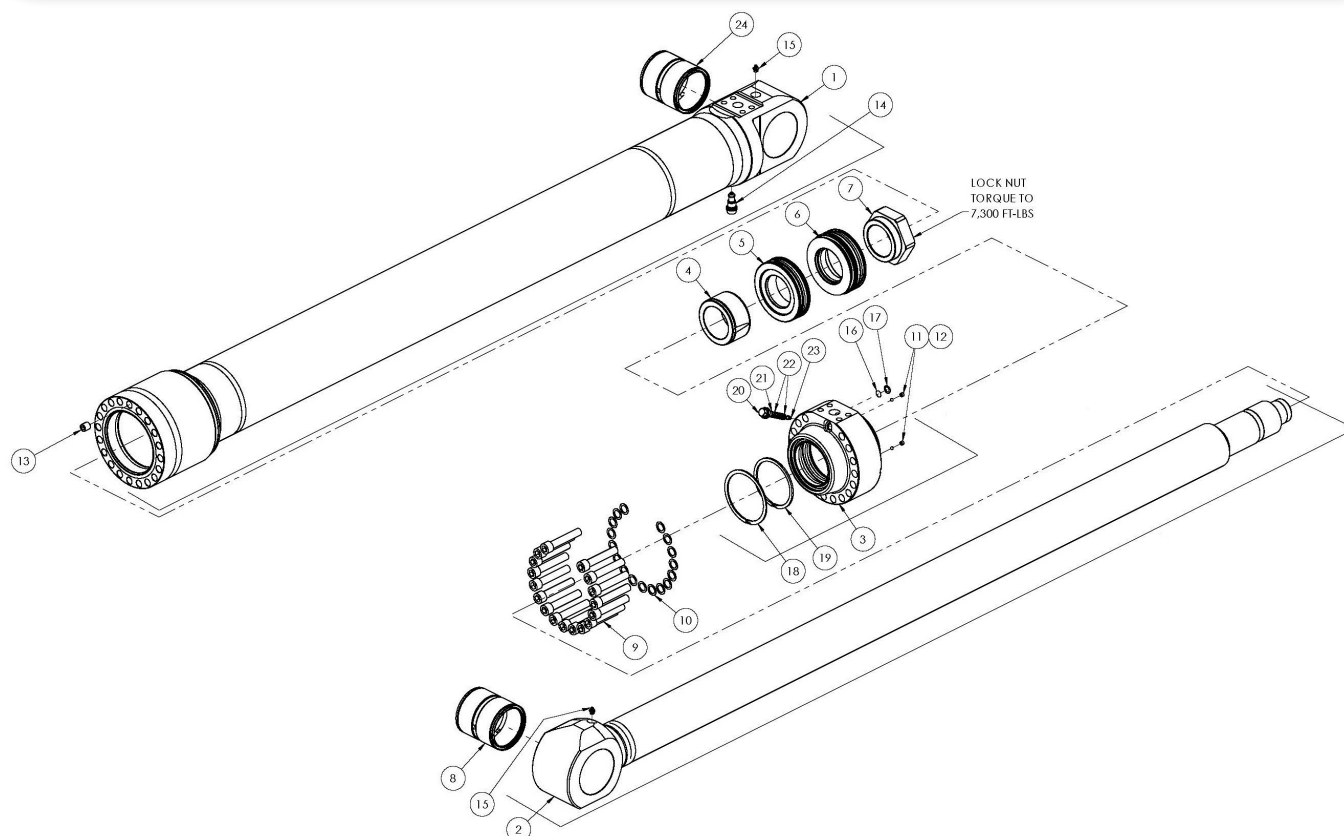
MILL YARD MAIN BOOM CYLINDER



REF	PART #	QTY	DESCRIPTION
	62370	1	CYLINDER, MAIN BOOM - LOG LOADER
1	TPM165200	1	BARREL
2	TPM165205	8	ROD
3	TPM165108	1	GLAND
4	TP650117	1	CUSHION SLEEVE
5	TP650109	1	FRONT PISTON
6	TP650110	1	BACK PISTON
7	LNUT M90	1	LOCKNUT
8	BB425500	2	BUSHING
9	SHCS M16 X 90	23	SHCS METRIC G12.9
10	HD002049	23	M16 FLAT WASHER
11	SHSS 05-18-0.250	2	SET SCREW
12	BALL M6	2	STEEL BALL 6mm
13	SHSS M16 X 16	2	SET SCREW
14	IRAB.M18.0R.420	1	PRESSURE RELIEF w/ANTI CAV
15	GREASE 1/8" STR	2	GREASE FITTING
16	TL-C5-190-30	1	TEMPERATURE LABEL
17	N1470 - 112	1	O-RING
18	WHM-525	1	SNAP RING
19	WHM-475	1	SNAP RING
20	HD002308	1	PLUG, RELIEF THREADED
21	0125755	1	DISC SPRING
22	0123995	8	DISC SPRING
23	HD002306	1	HIGH PRESSURE SPOOL
24	SKM16511002	1	SEAL KIT

LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

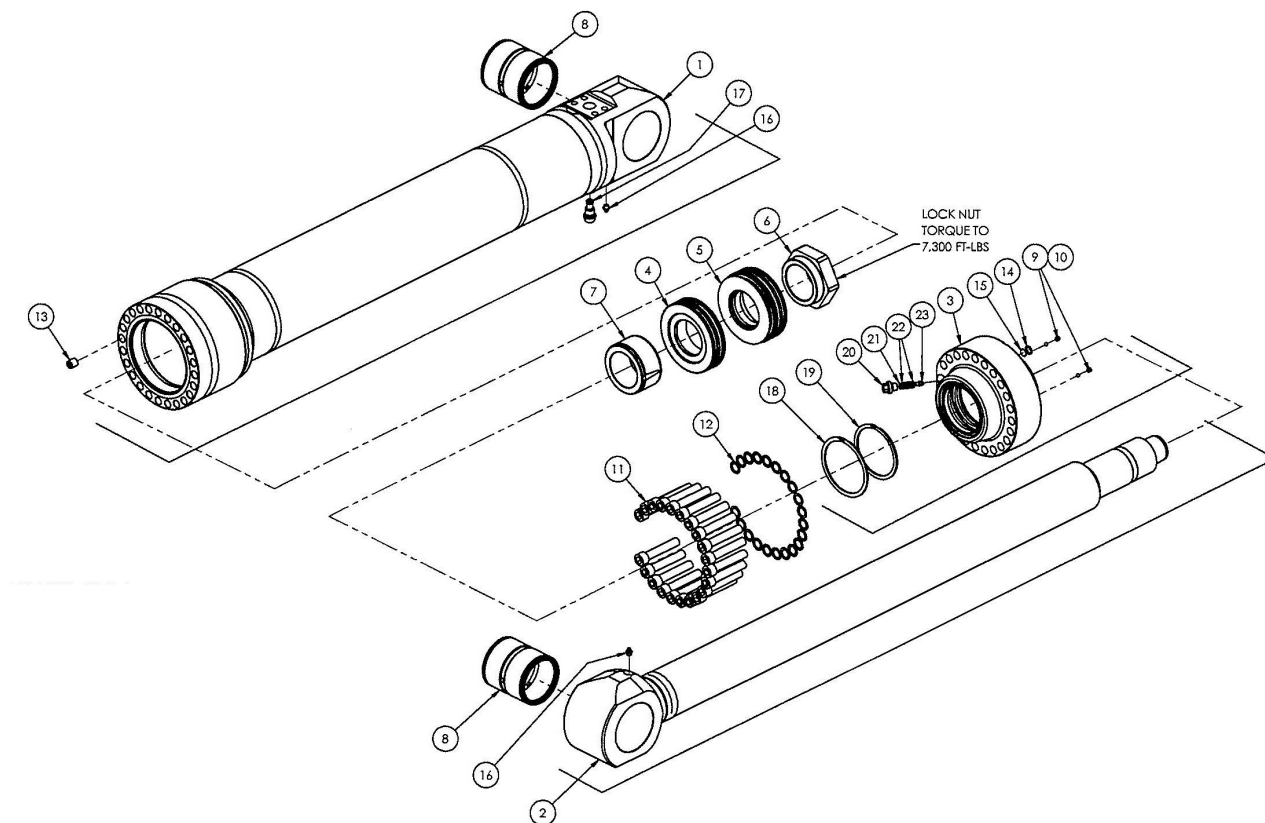
MILL YARD STICK BOOM CYLINDER



REF	PART #	QTY	DESCRIPTION
	62369	1	CYLINDER, STICK BOOM - LOG LOADER
1	TPM140300	1	BARREL
2	TPM140305	8	ROD
3	TPM140308	1	GLAND
4	TIM150117	1	CUSHION SLEEVE
5	TPM140309	1	FRONT PISTON
6	TPM140210	1	BACK PISTON
7	LNUT M75	1	LOCKNUT
8	BBM090100	2	BUSHING
9	SHCS M16 X 90	23	SHCS METRIC G12.9
10	HD002049	23	M16 FLAT WASHER
11	SHSS 05-18-0.250	2	SET SCREW
12	BALL M6	2	STEEL BALL 6mm
13	SHSS M16 X 16	2	SET SCREW
14	IRAB.M18.0R.420	1	PRESSURE RELIEF w/ANTI CAV
15	GREASE 1/8" STR	2	GREASE FITTING
16	TL-C5-190-30	1	TEMPERATURE LABEL
17	N1470 - 112	1	O-RING
18	WHM-475	1	SNAP RING
19	DNH-112	1	SNAP RING
20	HD002308	1	PLUG, RELIEF THREADED
21	0125755	1	DISC SPRING
22	0123995	8	DISC SPRING
23	HD002306	1	HIGH PRESSURE SPOOL
24	SKM14010000	1	SEAL KIT

LOG LOADER SHOVEL BOOM ASSEMBLY AND INSTALLATION

MILL YARD HEEL BOOM CYLINDER

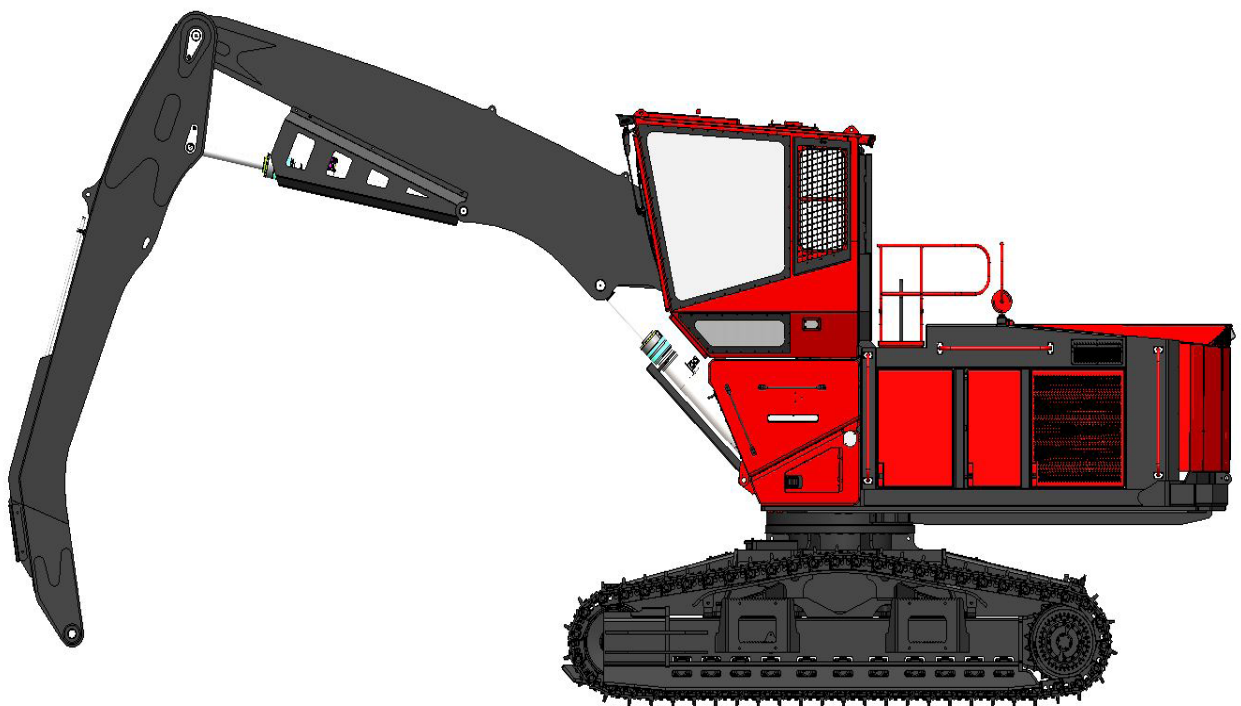


REF	PART #	QTY	DESCRIPTION
	62295	1	CYLINDER, HEEL BOOM (150MM BORE - 40" ST
1	TPM150400	1	BARREL
2	TPM150405	8	ROD
3	TIM150108	1	GLAND
4	TIM150109	1	FRONT PISTON
5	TIM150110	1	BACK PISTON
6	LNUT M75	1	LOCKNUT
7	TIM150117	1	CUSHION SLEEVE
8	BBM090100	2	BUSHING
9	SHSS 05-18-0.250	2	SET SCREW
10	BALL M6	2	STEEL BALL
11	SHCS M16 X 90	21	SHCS METRIC G12.9
12	HD002049	21	M16 FLAT WASHER
13	SHSS M16 X 16	1	SET SCREW
14	N1470 - 112	1	O-RING
15	TL-C5-190-30	1	TEMPERATURE LABEL
16	GREASE 1/8" STR	2	GREASE FITTING
17	393000U020	1	PRESSURE RELIEF w/ ANTI CAV
18	WHM-475	1	SNAP RING
19	DNH-112	1	SNAP RING
20	HD002308	1	PLUG, RELIEF THREADED
21	0125755	1	DISC SPRING
22	0123995	8	DISC SPRING
23	HD002306	1	HIGH PRESSURE SPOOL
24	SKM15010002	1	SEAL KIT

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.

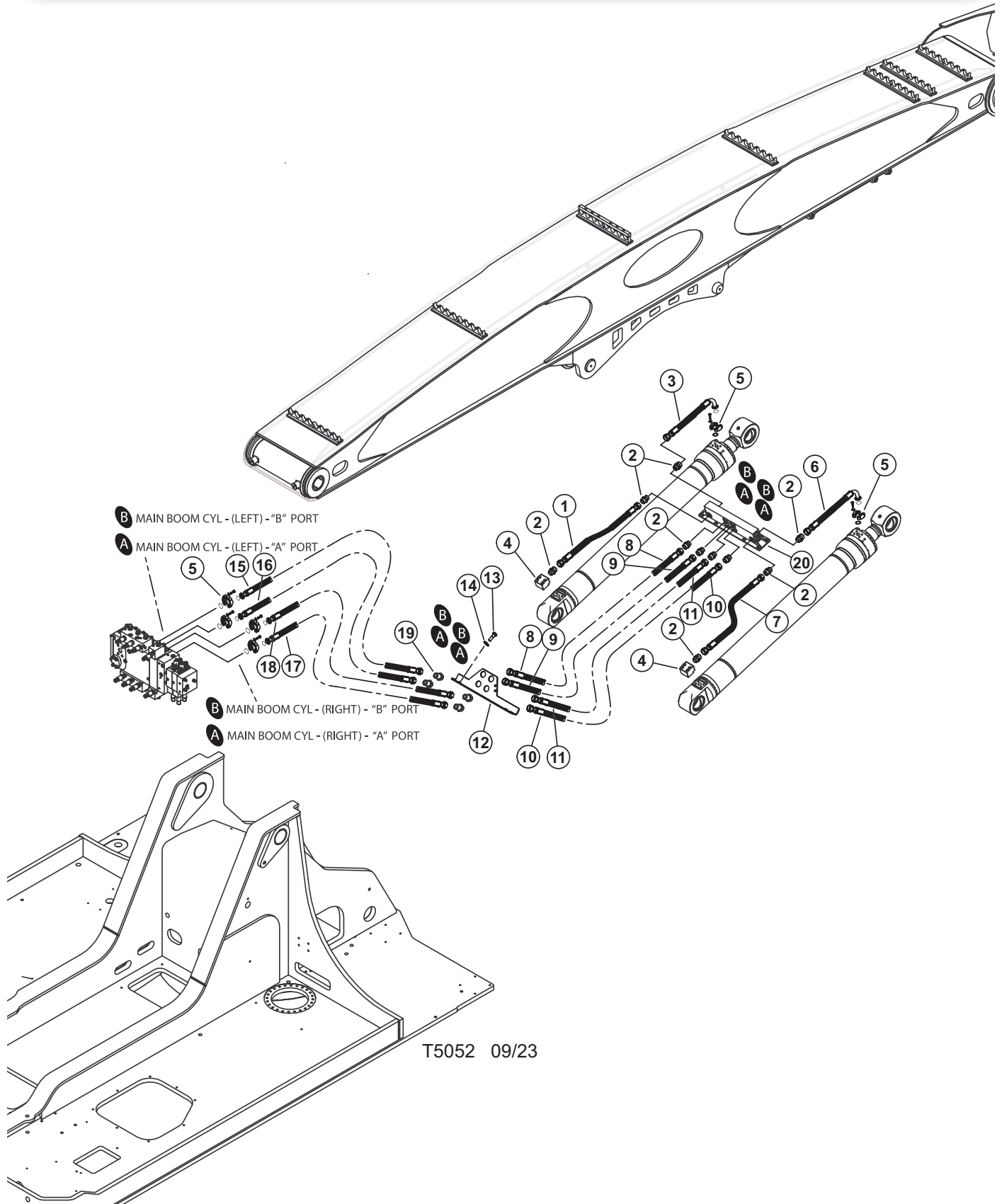
SECTION BH-1

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION



LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

MAIN BOOM CYLINDER HYDRAULICS - (UP TO SN. 1153)



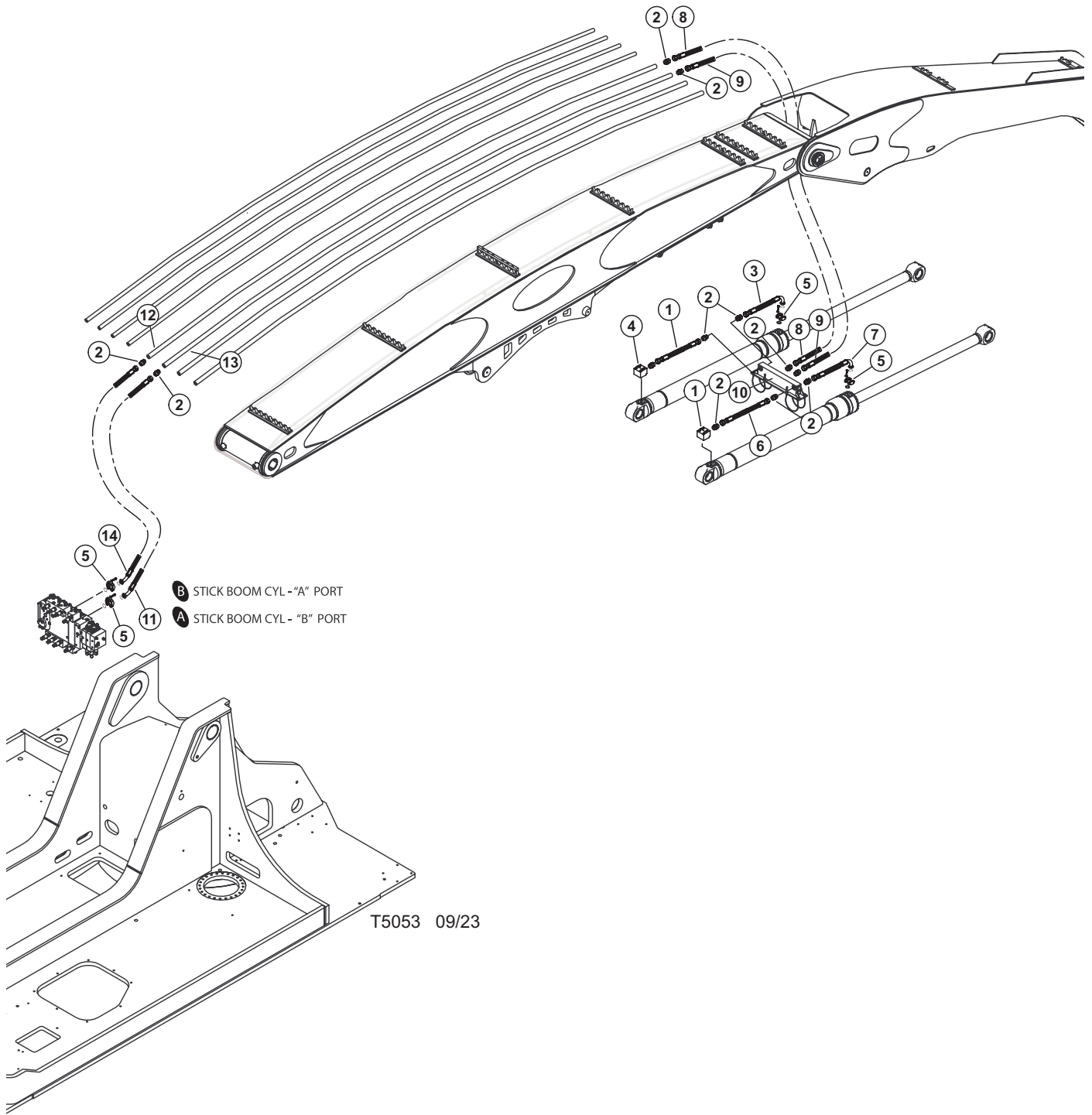
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

MAIN BOOM CYLINDER HYDRAULICS - (UP TO SN. 1153)

REF	PART #	QTY	DESCRIPTION
1	(See Description)	1	HOSE ASSEMBLY - (P# 787TC47 12-12OS-12OS SW) (MAIN BOOM - LEFT CYLINDER - MANIFOLD TO CYL. BASE)
2	15225	10	CONNECTOR, STR - FF1852T-1616S
3	(See Description)	1	HOSE ASSEMBLY - (P# 787TC21.5 12-12OS-16PH9) (MAIN BOOM - LEFT CYLINDER - MANIFOLD TO CYL. ROD)
4	57601	2	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
5	15113	6	KIT, SPLIT FLANGE - 1" (CODE 62)
6	(See Description)	1	HOSE ASSEMBLY - (P# 787TC21.5 12-12OS-16PH9) (MAIN BOOM - RIGHT CYLINDER - MANIFOLD TO CYL. ROD)
7	(See Description)	1	HOSE ASSEMBLY - (P# 3787TC47 12-12OS-12OS SW) (MAIN BOOM - RIGHT CYLINDER - MANIFOLD TO CYL. BASE)
8	(See Description)	1	HOSE ASSEMBLY - (P# 787TC62 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (UPPER LEFT PORT) TO CYL. MANIFOLD (UPPER LEFT PORT)
9	(See Description)	1	HOSE ASSEMBLY - (P# 787TC63.5 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (BOTTOM LEFT PORT) TO CYL. MANIFOLD (BOTTOM LEFT PORT)
10	(See Description)	1	HOSE ASSEMBLY - (P# 787TC63.5 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (BOTTOM RIGHT PORT) TO CYL. MANIFOLD (BOTTOM RIGHT PORT)
11	(See Description)	1	HOSE ASSEMBLY - (P# 787TC62 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (UPPER RIGHT PORT) TO CYL. MANIFOLD (UPPER RIGHT PORT)
12	62567	1	PLATE, DUAL #20 BH MT
13	50100	4	BOLT - .5" X 1.25"
14	10804	4	WASHER, FLAT - .5" SAE
15	(See Description)	1	HOSE ASSEMBLY - (P# 787TC85 16-16OS-16PH4) ("B" PORT ON MAIN CONTROL VALVE TO UPPER LEFT PORT ON BULKHEAD BRACKET
16	(See Description)	1	HOSE ASSEMBLY - (P# 787TC81 16-16OS-16PH4) ("A" PORT ON MAIN CONTROL VALVE TO BOTTOM LEFT PORT ON BULKHEAD BRACKET
17	(See Description)	1	HOSE ASSEMBLY - (P# 787TC81 16-16OS-16PH4) ("A" PORT ON MAIN CONTROL VALVE TO BOTTOM RIGHT PORT ON BULKHEAD BRACKET
18	(See Description)	1	HOSE ASSEMBLY - (P# 787TC85 16-16OS-16PH4) ("B" PORT ON MAIN CONTROL VALVE TO UPPER TIGHT PORT ON BULKHEAD BRACKET
19	15351	4	FITTING - BULKHEAD - 16-16
20	62545	2	MANIFOLD - MAIN/STICK CYLINDER

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

STICK BOOM CYLINDER HYDRAULICS - (UP TO SN. 1153)



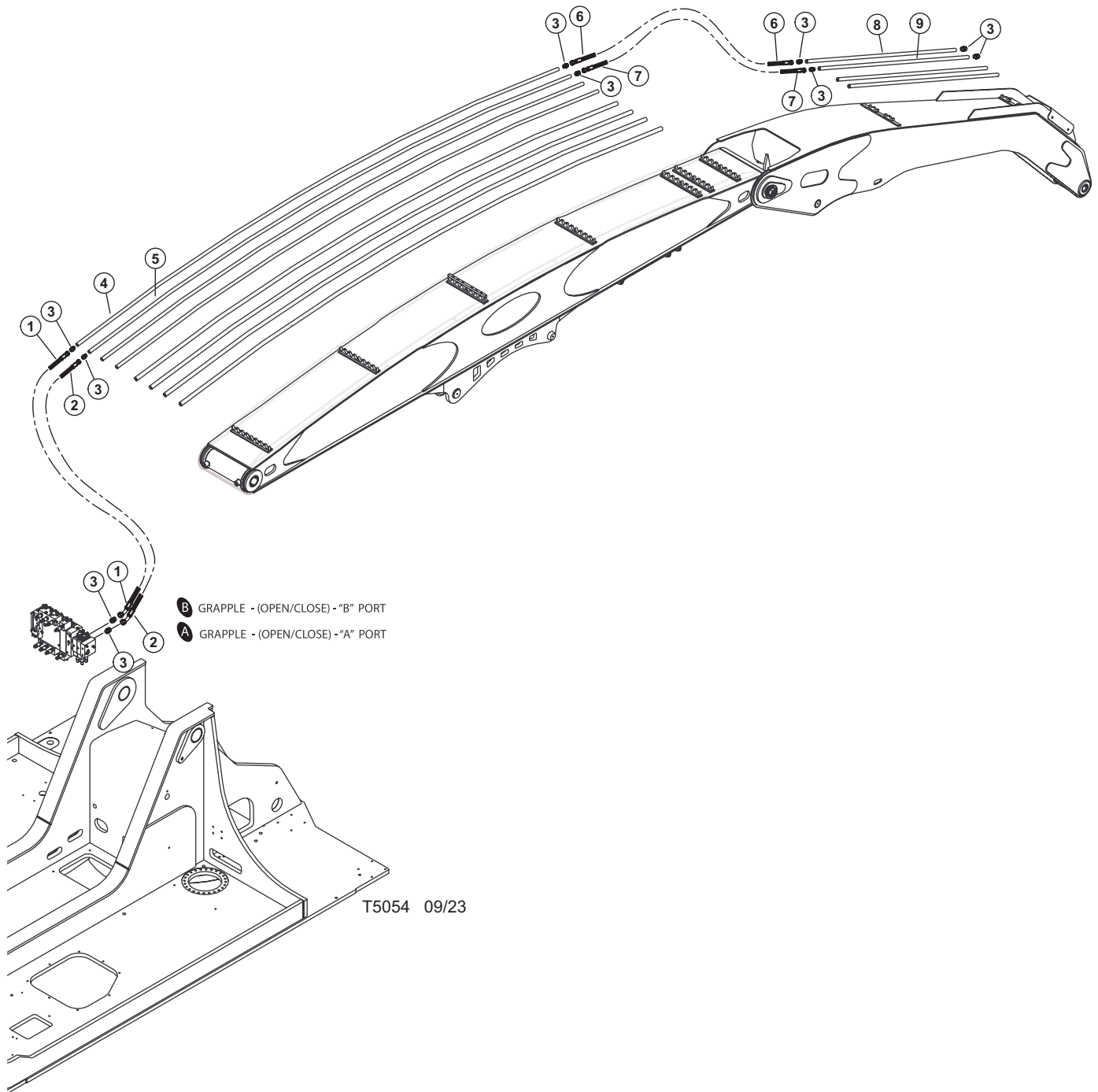
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

STICK BOOM CYLINDER HYDRAULICS - (UP TO SN. 1153)

REF	PART #	QTY	DESCRIPTION
1	(See Description)	1	HOSE ASSEMBLY - (P# 787TC47 12-12OS-12OS SW) (STICK BOOM - LEFT CYLINDER - MANIFOLD TO CYL. BASE)
2	15225	8	CONNECTOR, STR - FF1852T-1616S
3	(See Description)	1	HOSE ASSEMBLY - (P# 787TC21.5 12-12OS-16PH9) (STICK BOOM - LEFT CYLINDER - MANIFOLD TO CYL. ROD)
4	57601	2	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
5	15113	2	KIT, SPLIT FLANGE - 1" (CODE 62)
6	(See Description)	1	HOSE ASSEMBLY - (P# 787TC47 12-12OS-12OS SW) (STICK BOOM - RIGHT CYLINDER - MANIFOLD TO CYL. BASE)
7	(See Description)	1	HOSE ASSEMBLY - (P# 787TC21.5 12-12OS-16PH9) (STICK BOOM - RIGHT CYLINDER - MANIFOLD TO CYL. ROD)
8	(See Description)	1	HOSE ASSEMBLY - (P# 787TC100 16-16OS-16OS SW) ("B" - Main to Stick Cylinder)
9	(See Description)	1	HOSE ASSEMBLY - (P# 787TC100 16-16OS-16OS SW) ("A" - Main to Stick Cylinder)
10	62545	2	MANIFOLD - MAIN/STICK CYLINDER
11	(See Description)	1	HOSE ASSEMBLY - (P# 787TC66 16-16OS-16PH4) ("A" - MCV to Main Boom)
12	62600	1	MAIN BOOM TUBELINES #16
13	62600	1	MAIN BOOM TUBELINES #16
14	(See Description)	1	HOSE ASSEMBLY - (P# 787TC68 16-16OS-16PH4) ("B" - MCV to Main Boom)

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE OPEN/CLOSE BOOM HYDRAULICS - (UP TO SN. 1153)



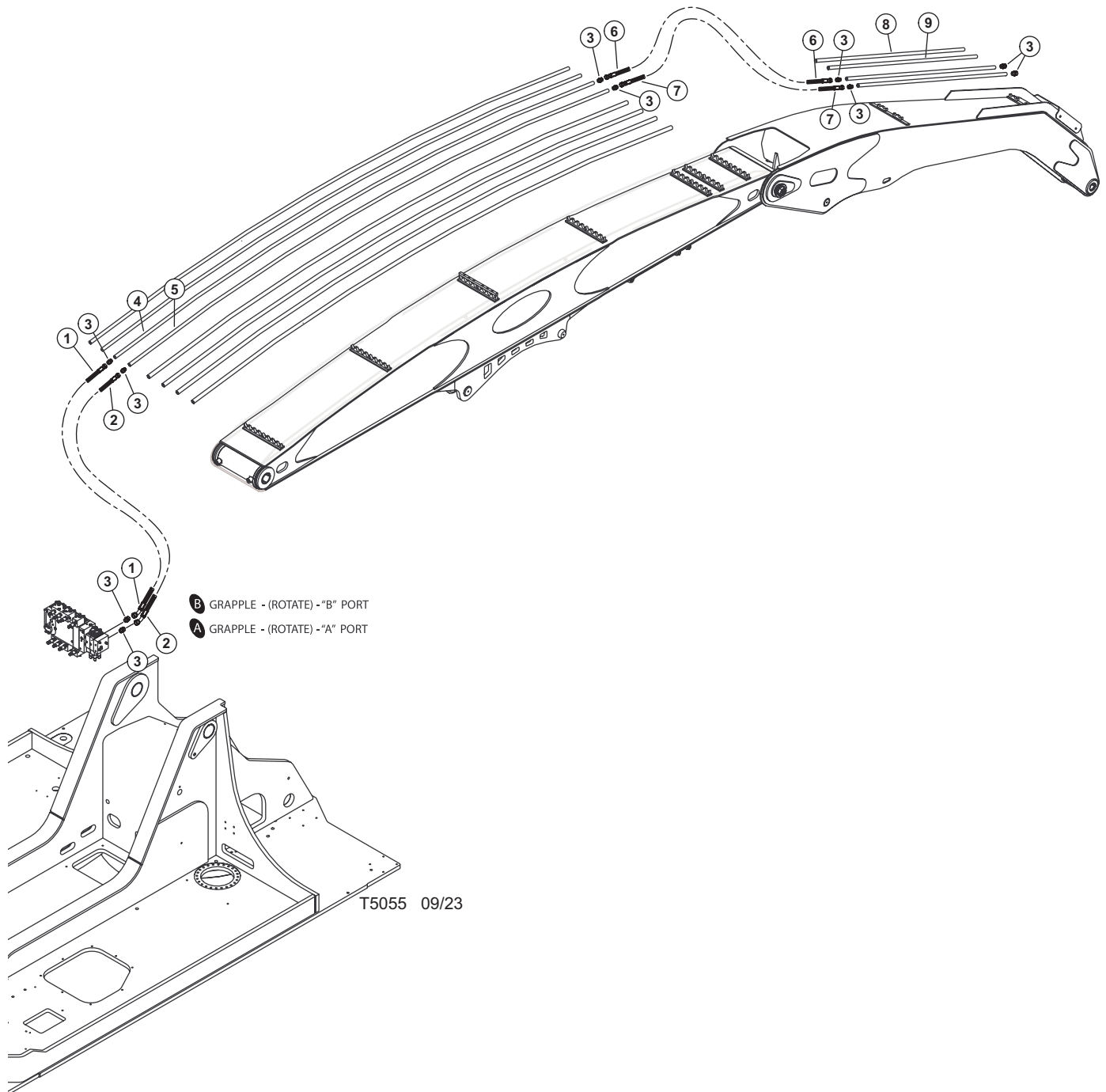
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE OPEN/CLOSE BOOM HYDRAULICS - (UP TO SN. 1153)

REF	PART #	QTY	DESCRIPTION
1	(See Description)	1	HOSE ASSEMBLY - (P# 787TC66 12-12OS-1204) ("B" - GRAPPLE OPEN/CLOSE FUNCTION)
2	(See Description)	1	HOSE ASSEMBLY - (P# 787TC65 12-12OS-1204) ("A" - GRAPPLE OPEN/CLOSE FUNCTION))
3	15152	10	CONNECTOR, STR - FF1852T-1212S
4	62601	1	MAIN BOOM TUBELINES #12 ("B" - GRAPPLE OPEN/CLOSE FUNCTION)
5	62601	1	MAIN BOOM TUBELINES #12 ("A" - GRAPPLE OPEN/CLOSE FUNCTION)
6	(See Description)	1	HOSE ASSEMBLY - (P# 787TC56.5 12-12OS-120S) ("B" - GRAPPLE OPEN/CLOSE FUNCTION)
7	(See Description)	1	HOSE ASSEMBLY - (P# 787TC56.5 12-12OS-120S) ("A" - GRAPPLE OPEN/CLOSE FUNCTION)
8	66277	1	STICK BOOM TUBELINES #12 ("B" - GRAPPLE OPEN/CLOSE FUNCTION)
9	66277	1	STICK BOOM TUBELINES #12 ("A" - GRAPPLE OPEN/CLOSE FUNCTION)

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE ROTATE BOOM HYDRAULICS - (UP TO SN. 1153)



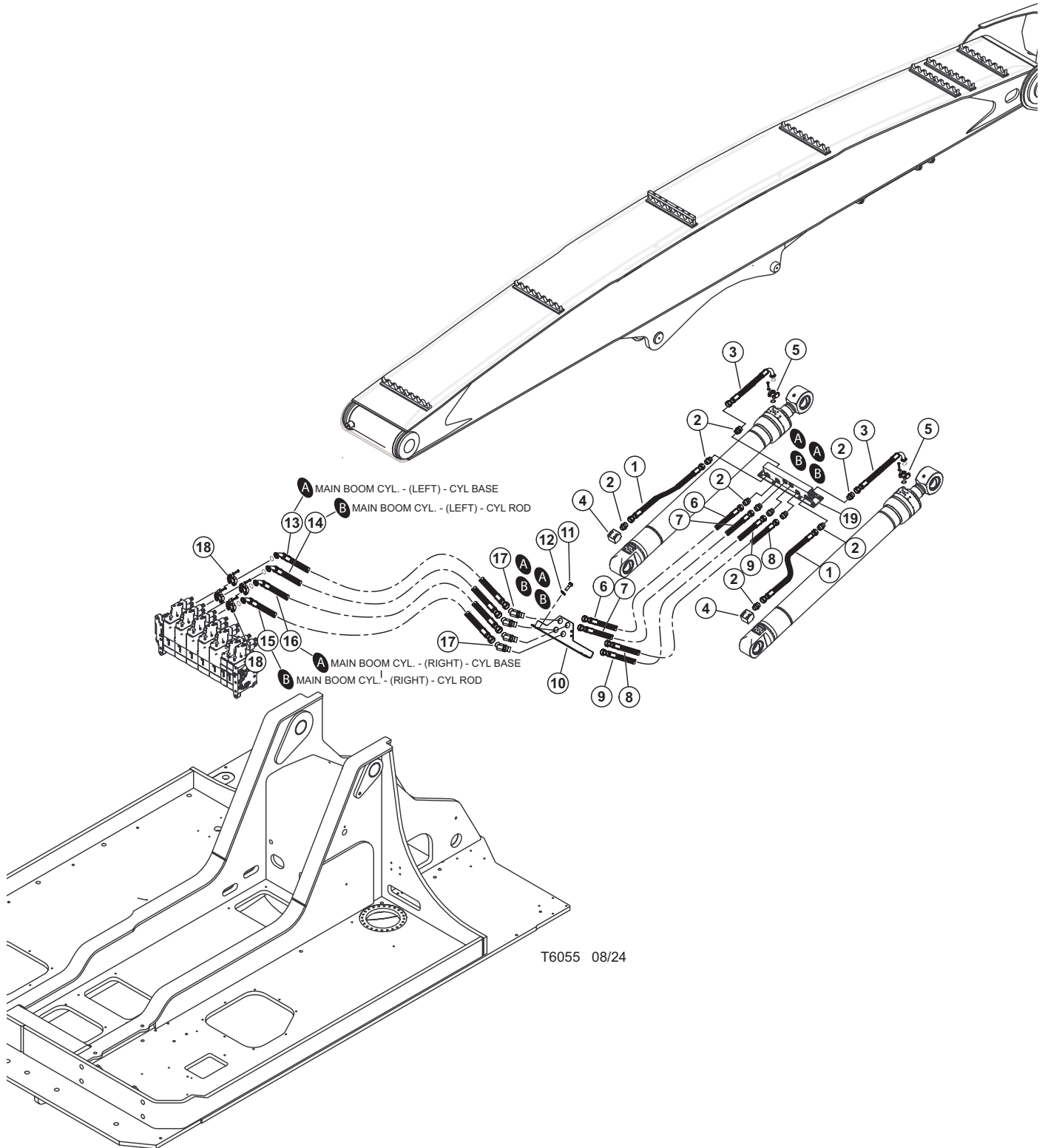
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE ROTATE BOOM HYDRAULICS - (UP TO SN. 1153)

REF	PART #	QTY	DESCRIPTION
1	(See Description)	1	HOSE ASSEMBLY - (P# 787TC66 12-12OS-1204) (GR B - GRAPPLE ROTATE FUNCTION)
2	(See Description)	1	HOSE ASSEMBLY - (P# 787TC65 12-12OS-1204) (GR A - GRAPPLE ROTATE FUNCTION)
3	15152	10	CONNECTOR, STR - FF1852T-1212S
4	62601	1	MAIN BOOM TUBELINES #12 ("B" - GRAPPLE ROTATE FUNCTION)
5	62601	1	MAIN BOOM TUBELINES #12 ("A" - GRAPPLE ROTATE FUNCTION)
6	(See Description)	1	HOSE ASSEMBLY - (P# 787TC56.5 12-12OS-120S) ("B" - GRAPPLE ROTATE FUNCTION)
7	(See Description)	1	HOSE ASSEMBLY - (P# 787TC56.5 12-12OS-120S) ("A" - GRAPPLE ROTATE FUNCTION)
8	66277	1	STICK BOOM TUBELINES #12 ("B" - GRAPPLE ROTATE FUNCTION)
9	66277	1	STICK BOOM TUBELINES #12 ("A" - GRAPPLE ROTATE FUNCTION)

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

MAIN BOOM CYLINDER HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)



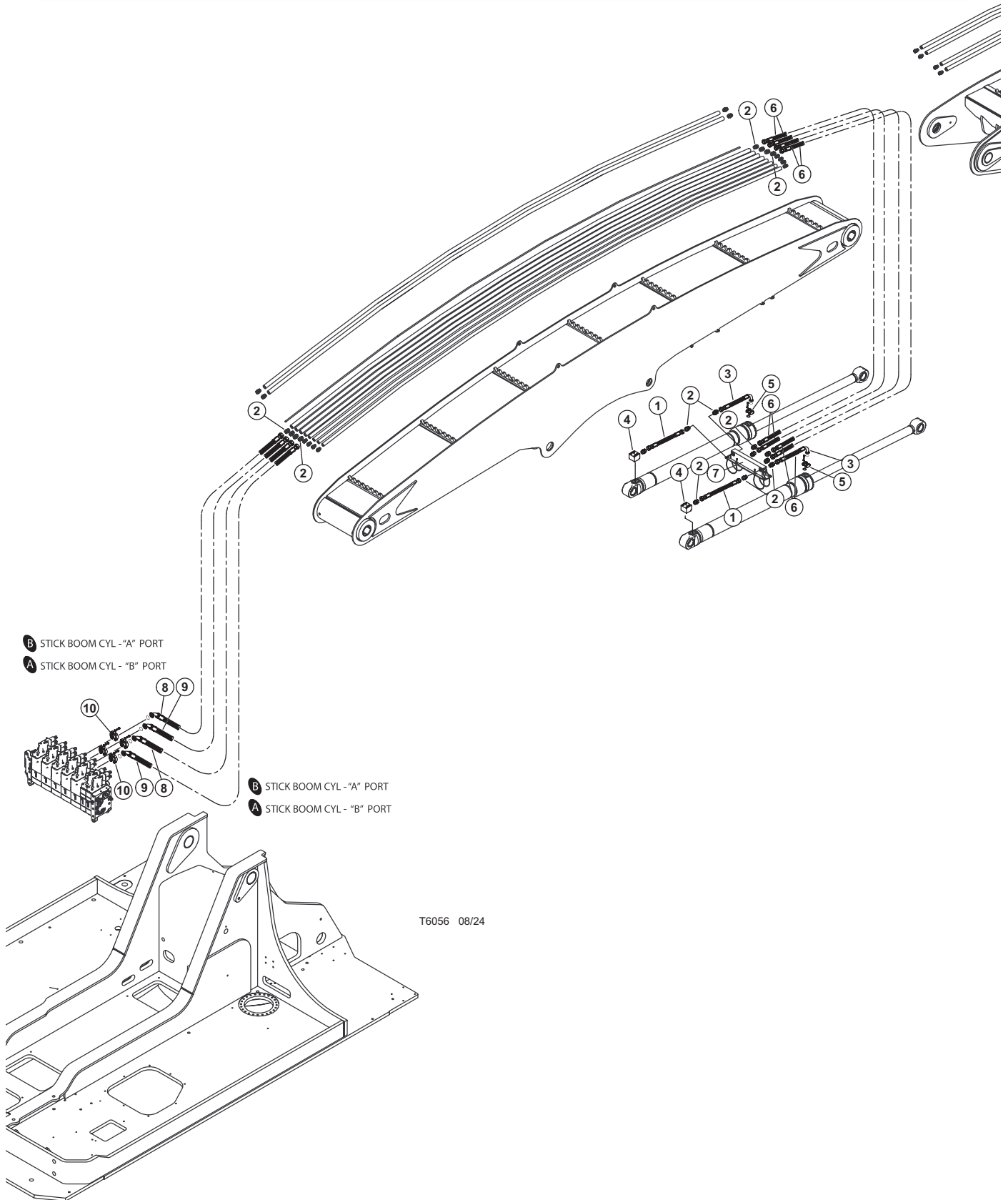
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

MAIN BOOM CYLINDER HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)

REF	PART #	QTY	DESCRIPTION
1	66626	2	HOSE ASSEMBLY - (P# 787TC49 16-16OS-16OS SW) (MAIN BOOM CYLINDERS - MANIFOLD TO CYL. BASE)
2	15225	10	CONNECTOR, STR - FF1852T-1616S
3	66627	2	HOSE ASSEMBLY - (P# 787TC21.5 16-16OS-16PH9) (MAIN BOOM CYLINDERS - MANIFOLD TO CYL. ROD)
4	57601	2	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
5	15113	6	KIT, SPLIT FLANGE - 1" (CODE 62)
6	(KIT - 65635)	1	HOSE ASSEMBLY - (P# 787TC62 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (UPPER LEFT PORT) TO CYL. MANLFOLD (UPPER LEFT PORT)
7	(KIT - 65635)	1	HOSE ASSEMBLY - (P# 787TC63.5 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (BOTTOM LEFT PORT) TO CYL. MANLFOLD (BOTTOM LEFT PORT)
8	(KIT - 65635)	1	HOSE ASSEMBLY - (P# 787TC63.5 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (BOTTOM RIGHT PORT) TO CYL. MANLFOLD (BOTTOM RIGHT PORT)
9	(KIT - 65635)	1	HOSE ASSEMBLY - (P# 787TC62 16-16OS-16OS SW) (Main Boom - BULKHEAD BRACKET (UPPER RIGHT PORT) TO CYL. MANLFOLD (UPPER RIGHT PORT)
10	62567	1	PLATE, DUAL #20 BH MT
11	50100	4	BOLT - .5" X 1.25"
12	10804	4	WASHER, FLAT - .5" SAE
13	(KIT - 65635)	1	HOSE ASSEMBLY - (787TC85 16-16OS-20PH4-SW) ("B" PORT ON MAIN CONTROL VALVE TO UPPER LEFT PORT ON BULKHEAD BRACKET
14	(KIT - 65635)	1	HOSE ASSEMBLY - (787TC81 16-16OS-20PH4-SW) ("A" PORT ON MAIN CONTROL VALVE TO BOTTOM LEFT PORT ON BULKHEAD BRACKET
15	(KIT - 65635)	1	HOSE ASSEMBLY - (787TC81 16-16OS-20PH4-SW) ("A" PORT ON MAIN CONTROL VALVE TO BOTTOM RIGHT PORT ON BULKHEAD BRACKET
16	(KIT - 65635)	1	HOSE ASSEMBLY - (787TC85 16-16OS-20PH4-SW) ("B" PORT ON MAIN CONTROL VALVE TO UPPER RIGHT PORT ON BULKHEAD BRACKET
17	(CALL)	4	FITTING - BULKHEAD - 45°
18	65457	4	KIT, SPLIT FLANGE CODE 61 1.25"
19	62545	2	MANIFOLD - MAIN CYLINDER

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

STICK BOOM CYLINDER HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)



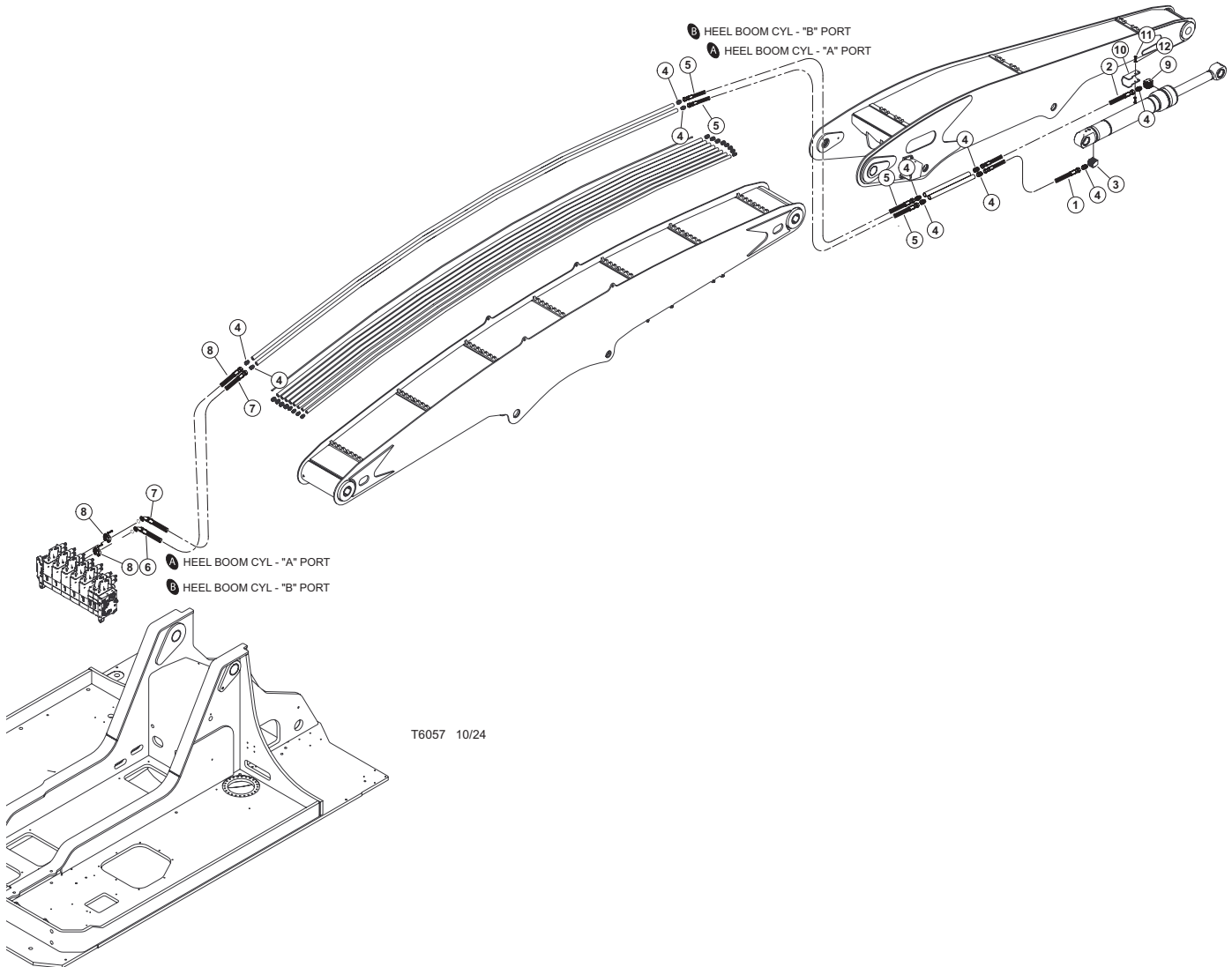
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

STICK BOOM CYLINDER HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)

REF	PART #	QTY	DESCRIPTION
1	66628	2	HOSE ASSEMBLY - (P# 787TC47 16-16OS-16OS-SW) (STICK BOOM CYLINDER - MANIFOLD TO CYL. BASE)
2	15225	14	CONNECTOR, STR - FF1852T-1616S
3	66629	2	HOSE ASSEMBLY - (P# 787TC21.5 16-16OS-16PH9) (STICK BOOM CYLINDERS - MANIFOLD TO CYL. ROD)
4	57601	2	FLANGE, BLOCK ELBOW W184-16-16U CODE 62
5	15113	2	KIT, SPLIT FLANGE - 1" (CODE 62)
6	66630	4	HOSE ASSEMBLY - (P# 787TC100 16-16OS-16OS-SW) (STICK BOOM CYLINDERS - MANIFOLD TO CYL. BASE)
7	62545	2	MANIFOLD - MAIN/STICK CYLINDER
8	(KIT - 65635)	2	HOSE ASSEMBLY - (P# 787TC68 16-16OS-20PH4) ("B" - MCV to Main Boom)
9	(KIT - 65635)	2	HOSE ASSEMBLY - (P# 787TC66 16-16OS-20PH4) ("A" - MCV to Main Boom)
10	65457	4	KIT, SPLIT FLANGE CODE 61 1.25"

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

HEEL BOOM CYLINDER HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)



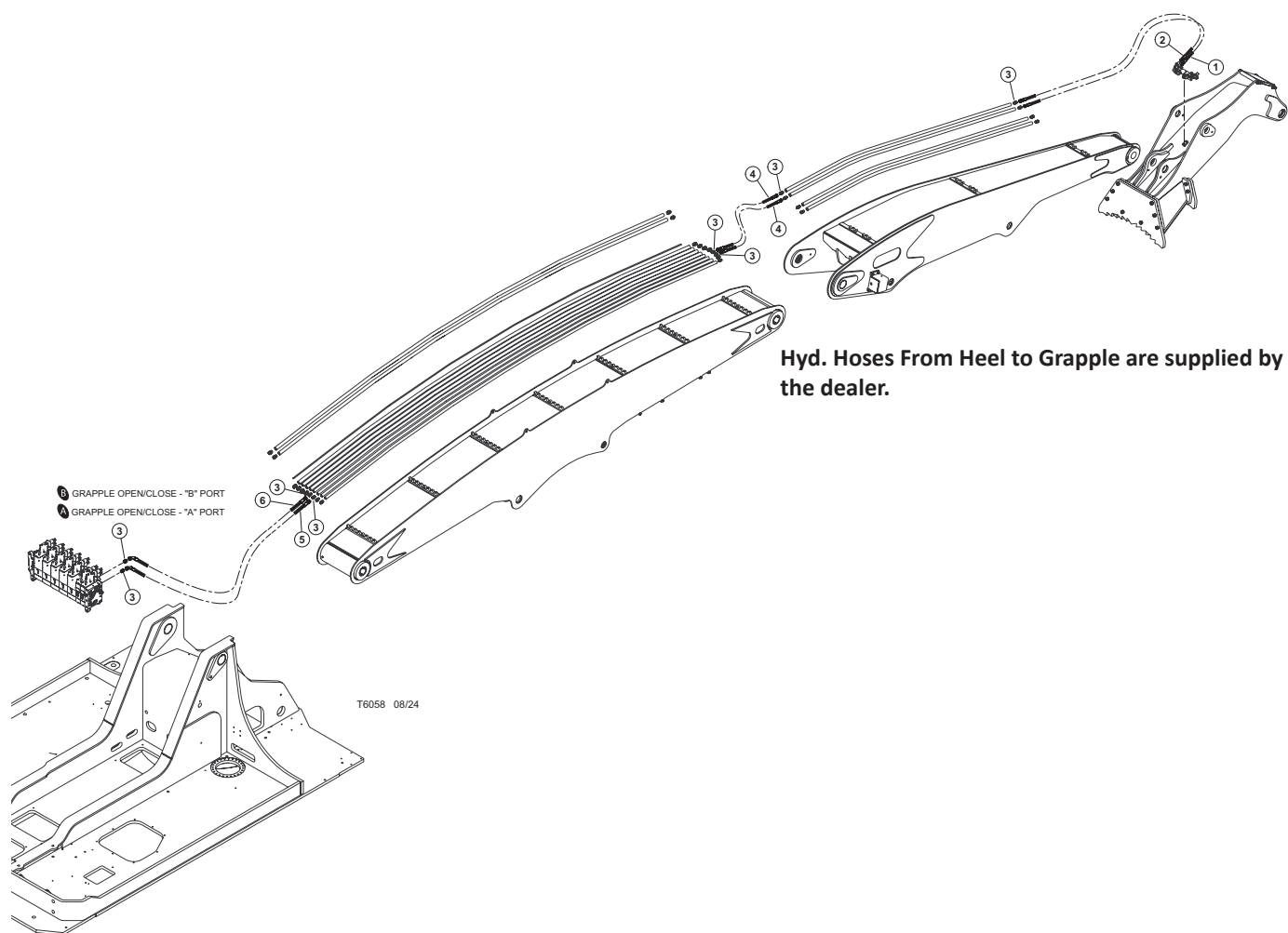
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

HEEL BOOM CYLINDER HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)

REF	PART #	QTY	DESCRIPTION
1	66634	1	HOSE ASSEMBLY - (787TC72 16-16OS-16OS-SW) (ARM TUBELINE TO HEEL CYLINDER ROD)
2	66633	1	HOSE ASSEMBLY - (787TC122 16-16OS-16OS-SW) (ARM TUBELINE TO HEEL CYLINDER BASE)
3	57601	2	FLANGE, BLOCK W184-16-16U CODE 62
4	15225	10	CONNECTOR, STR - FF1852T-1616S
5	66631	2	HOSE ASSEMBLY - (787TC65 16-16OS-16OS-SW) (MAIN BOOM TO ARM TUBELINES)
6	(KIT - 65635)	1	HOSE ASSEMBLY - (787TC68 16-16OS-20PH4-SW) (VALVE TO MAIN BOOM - "B" PORT)
7	(KIT - 65635)	1	HOSE ASSEMBLY - (787TC66 16-16OS-20PH4-SW) (VALVE TO MAIN BOOM - "A" PORT)
8	65457	4	KIT, SPLIT FLANGE CODE 61 1.25"
9	58231	1	MANIFOLD, PORT BLOCK - TOOL TILT CYL.
10	58232	1	GUARD, PORT BLOCK TOOL TILT CYL.
11	50100	4	BOLT - .5" X 1.25"
12	15534	4	WASHER, SAE FLAT - .5"

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE OPEN/CLOSE HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)



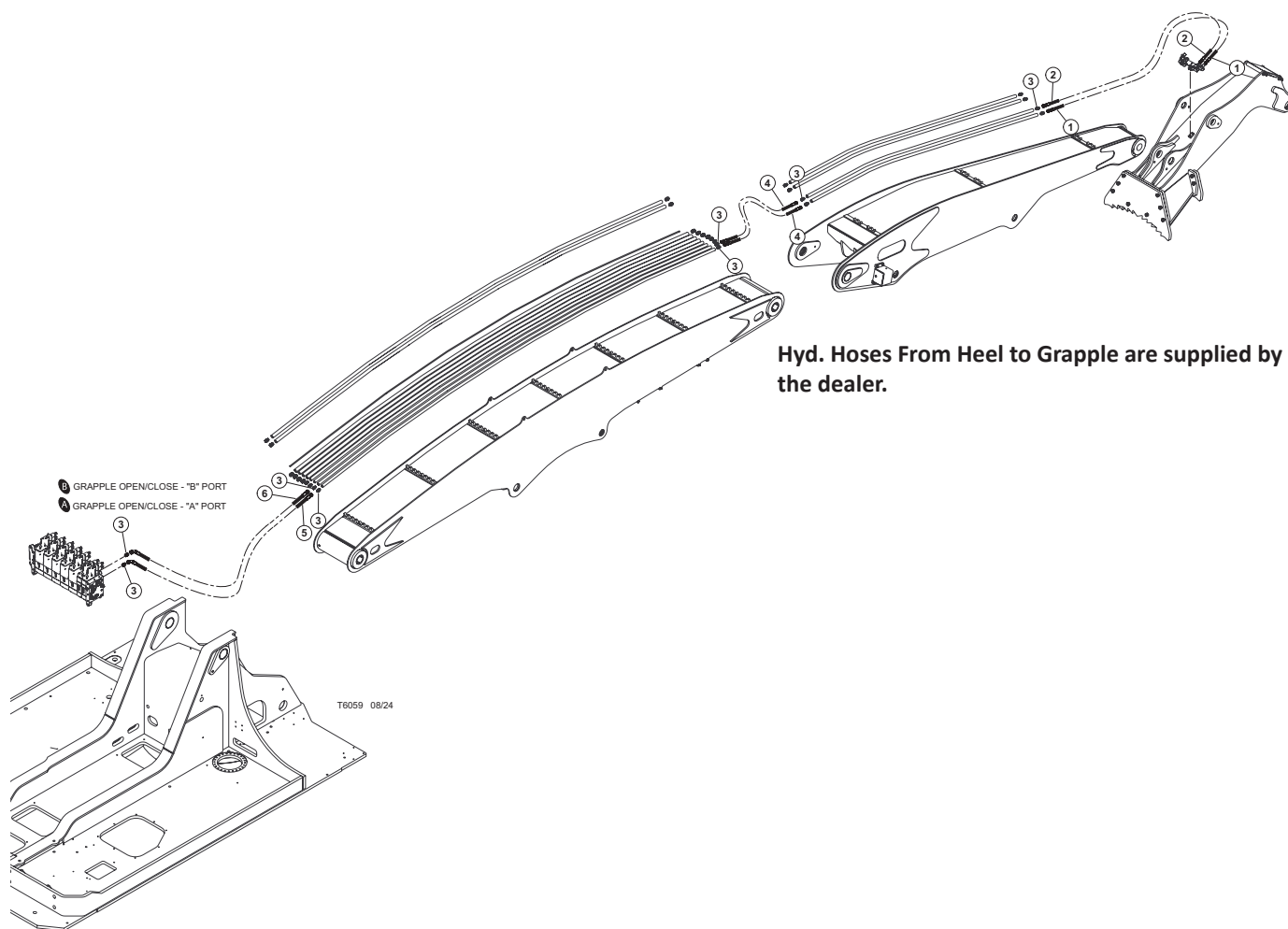
LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE OPEN/CLOSE HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)

REF	PART #	QTY	DESCRIPTION
1	66636	1	HOSE ASSEMBLY - 787TC72 12-12OS-12OS-SW (ARM TUBLINES TO TO HEEL - "A" PORT)
2	66635	1	HOSE ASSEMBLY - 787TC67 12-12OS-12OS-SW (ARM TUBLINES TO TO HEEL - "B" PORT)
3	15152	10	CONNECTOR, STR - FF1852T-1212S
4	66632	2	HOSE ASSEMBLY - 787TC50 12-12OS-12OS-SW (MAIN BOOM TO ARM)
5	(KIT - 65635)	1	HOSE ASSEMBLY - 787TC66 12-12OS-12O4-SW (VALVE TO BOOM - "A" PORT)
6	(KIT - 65635)	1	HOSE ASSEMBLY - 787TC65 12-12OS-12O4-SW (VALVE TO BOOM - "B" PORT)

LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

GRAPPLE ROTATE HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)



LOG LOADER BOOM HYDRAULICS ASSEMBLY AND INSTALLATION

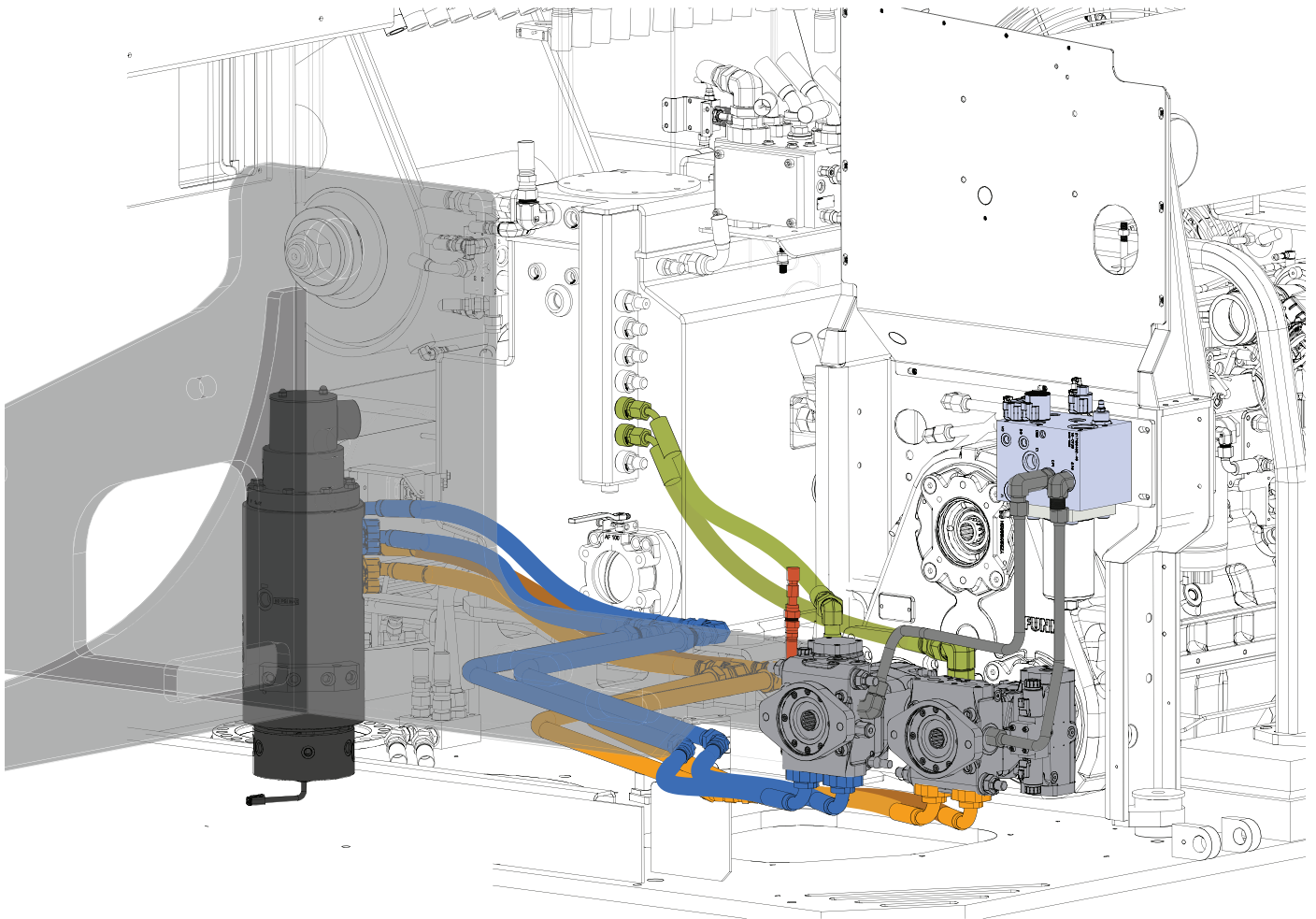
GRAPPLE ROTATE HYDRAULICS - (W450/W300 VALVE) - (SN. 1154 AND FORWARD)

REF	PART #	QTY	DESCRIPTION
1	66636	1	HOSE ASSEMBLY - 787TC72 12-12OS-12OS-SW (ARM TUBLINES TO TO HEEL - "A" PORT)
2	66635	1	HOSE ASSEMBLY - 787TC67 12-12OS-12OS-SW (ARM TUBLINES TO TO HEEL - "B" PORT)
3	15152	10	CONNECTOR, STR - FF1852T-1212S
4	66632	2	HOSE ASSEMBLY - 787TC50 12-12OS-12OS-SW (MAIN BOOM TO ARM)
5	(KIT - 65635)	1	HOSE ASSEMBLY - 787TC66 12-12OS-12O4-SW (VALVE TO BOOM - "A" PORT)
6	(KIT - 65635)	1	HOSE ASSEMBLY - 787TC65 12-12OS-12O4-SW (VALVE TO BOOM - "B" PORT)

[illegible]

SECTION DH-1

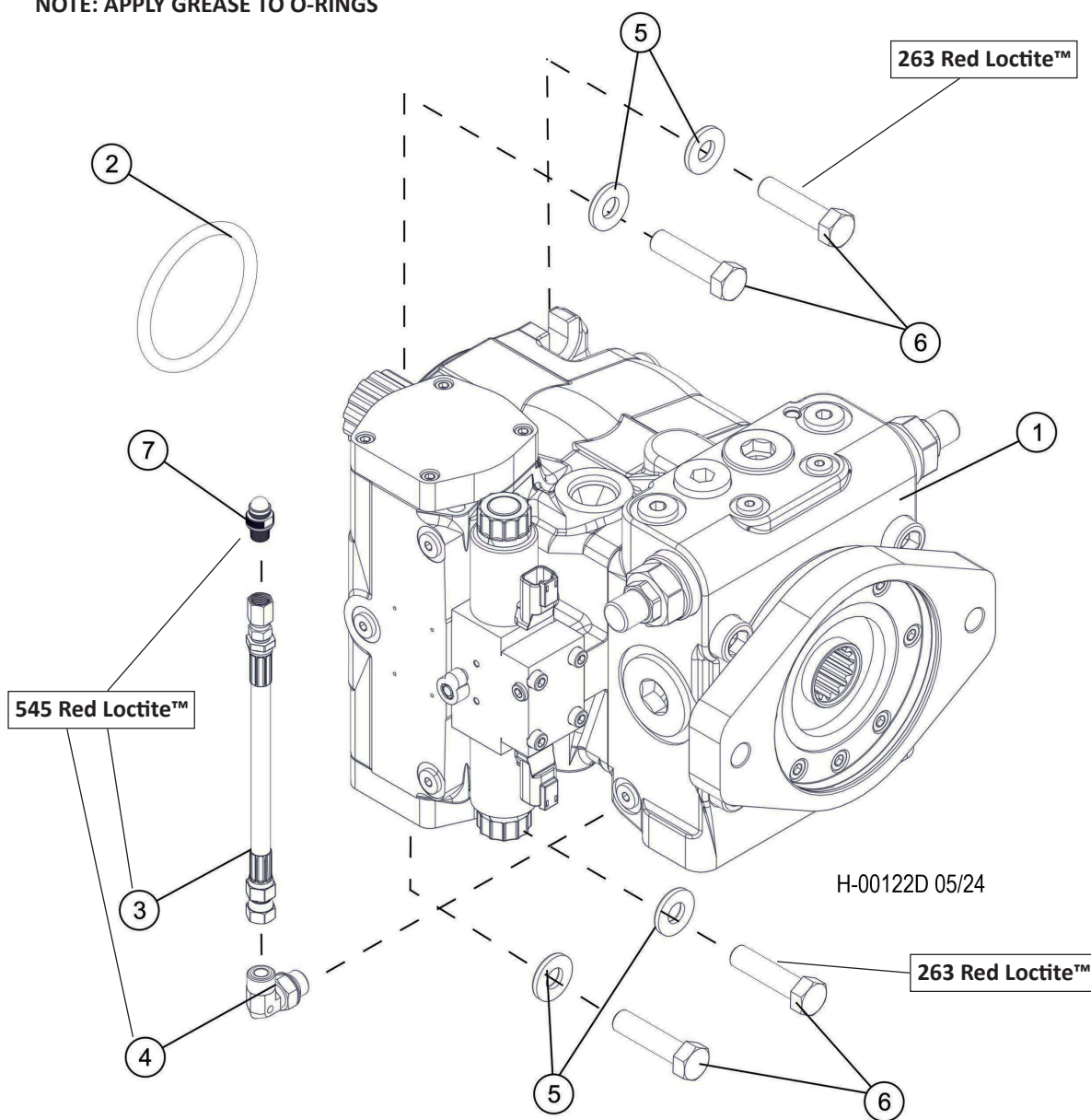
TRACK DRIVE PUMP COMPONENTS



TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)

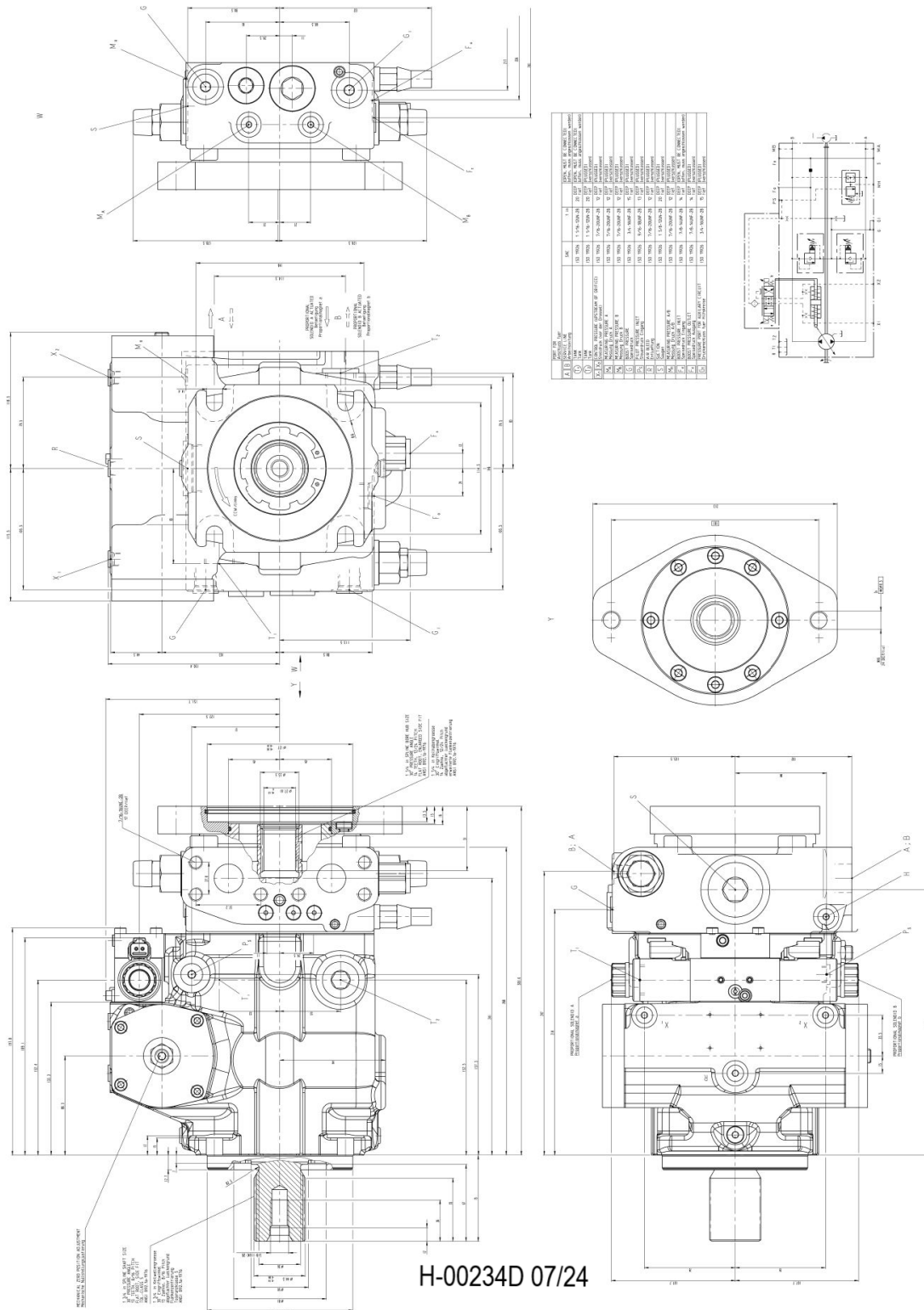
NOTE: APPLY GREASE TO O-RINGS



Item	Part #	Description	Qty.
1	55458	PUMP, TRACK DRIVE - LH C SERIES (VTG90)	1
2	53718	ORING, TRACK DRIVE PUMP PILOT	1
3	58063	HOSE, GAUGE PORT EXTENSION 545 RED LOCTITE™	1
4	16540	ELBOW, 90 - FF1868T-0404S 545 RED LOCTITE™	1
5	15534	WASHER, SAE FLAT - .5"	4
6	50100	BOLT - .5" X 1.25" 263 RED LOCTITE™	4
7	57819	TAP, GAUGE PORT - #4 SAE ORING BOSS- ST 545 RED LOCTITE™	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)



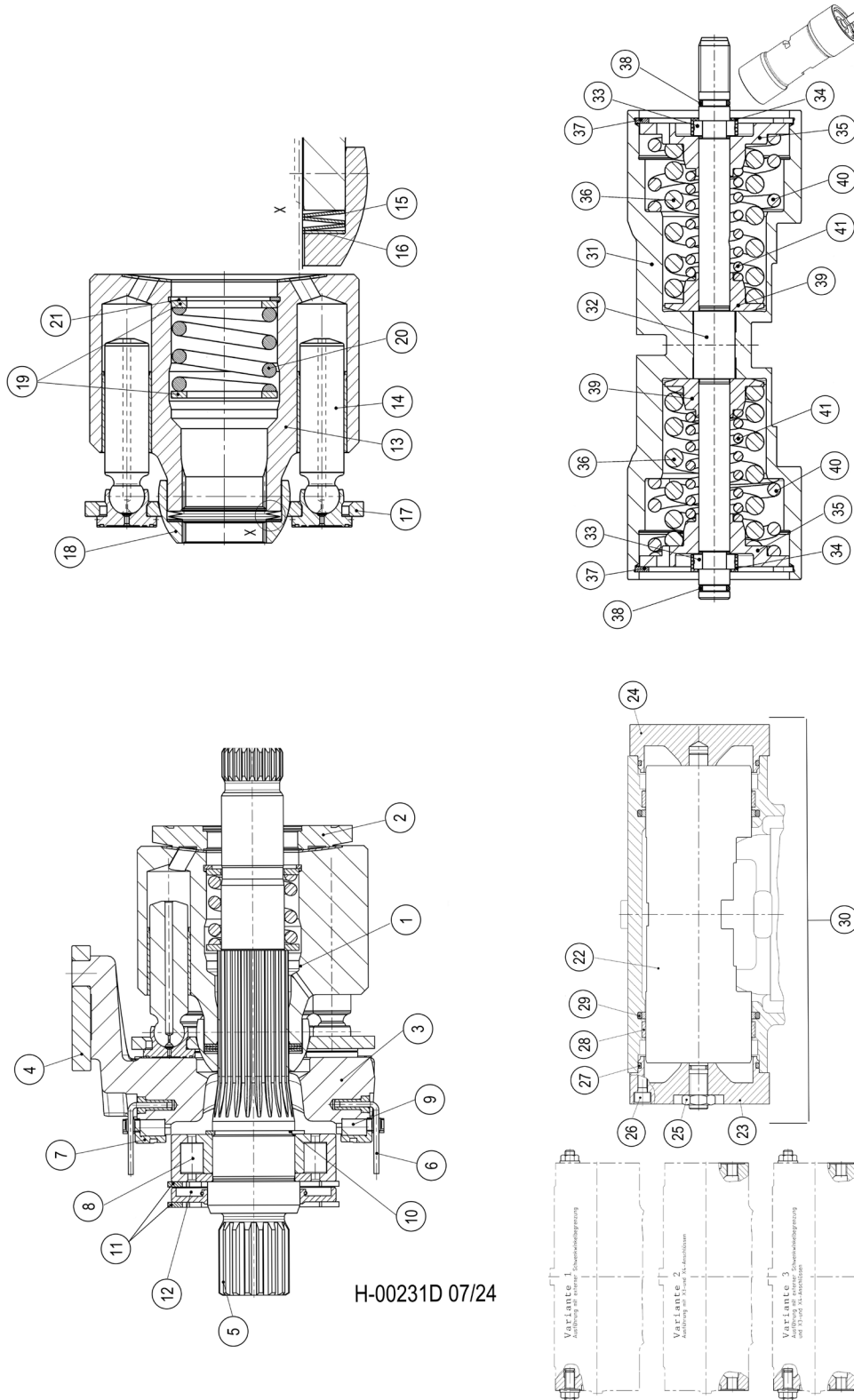
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)

Item	Part #	Description	Qty.
1	R902199506	ROTARY GROUP	1
2	R902009059	CONTROL	1
3	R902117112	CONNECTION PLATE	1
4	R902244700	BELL HOUSING	1
5	53729	VALVE, STROKE CONTROL - AA4VG90 24V	1
6	R902008951	HOUSING	1
7	R902114380	PIVOT PIN	2
8	R909405732	POSITIONING PIN	1
9	R909154480	SCREW PLUG	1
10	R909153371	SCREW PLUG	1
11	R909154478	SCREW PLUG	4
12	R909083228	SCREW PLUG	1
13	R909086731	O-RING	1
14	R909083490	SETSCREW	2
15	R909831318	DOUBLE BREAK-OFF PLUG	1
16	R909156495	NOZZLE	2
17	R913016373	SLOTTED SPRING PIN	2
18	R909153364	SCREW PLUG	2
19	R909153339	SCREW PLUG	1
20	R909153418	SCREW PLUG	1
21	R909153330	O-RING	1
22	R909153338	SCREW PLUG	2
23	R909156495	NOZZLE	1
24	R902012117	THREADED PART	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)



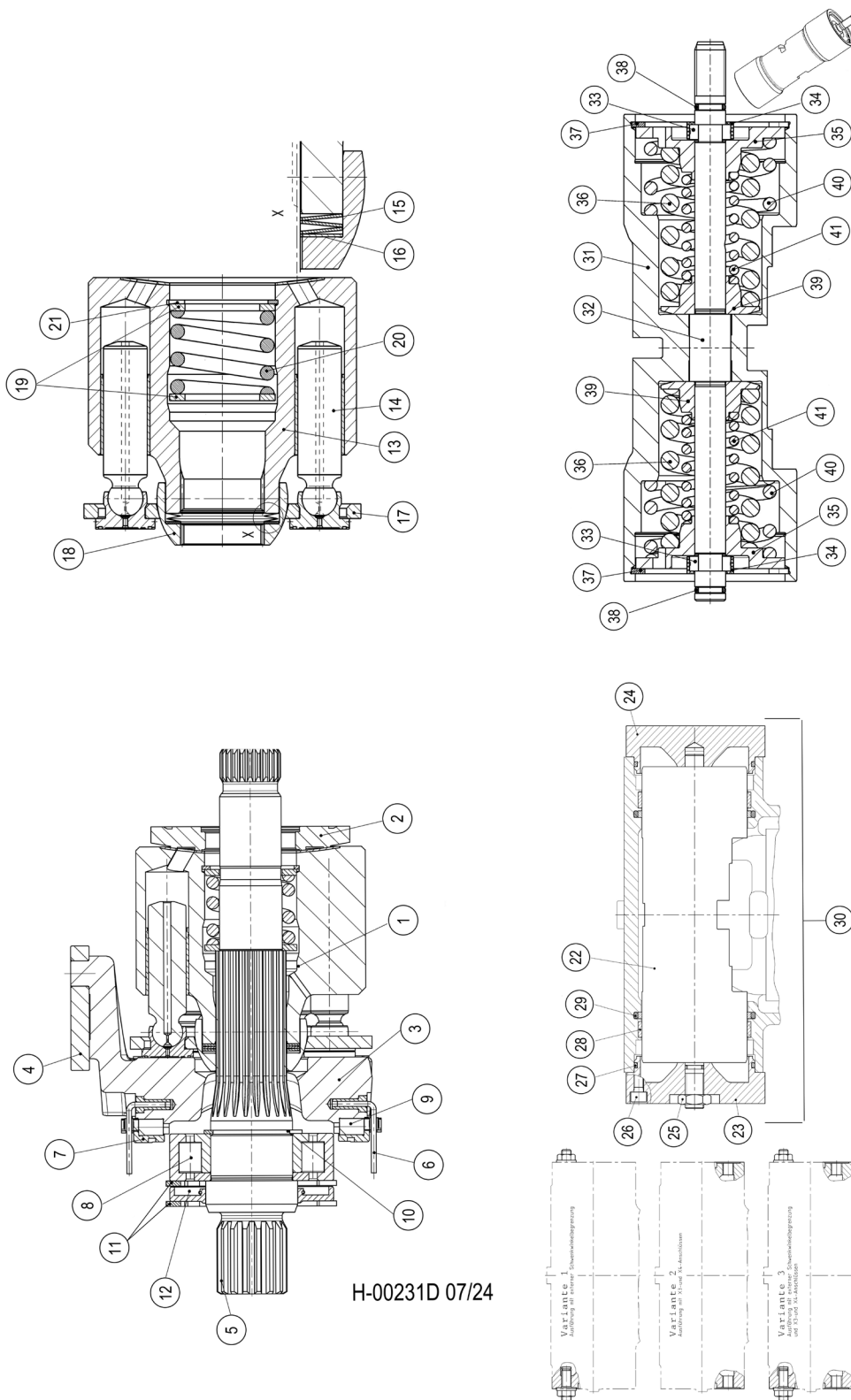
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)

Item	Part #	Description	Qty.
1	R902079223	ROTARY GROUP	1
2	R902195224	CONTROL PLATE, LEFT-HAND ROTATION	1
3	R902283514	CRADLE	1
4	R909449810	SLIDER	1
5	R909921550	DRIVE SHAFT	1
6	R902188337	WIRE	2
7	R913054564	BEARING SHELL PAIR	1
8	R909153104	CYL. ROLLER BEARING	1
9	R909830165	CAGE PAIR	1
10	R909083362	RETAINING RING	1
11	53726	RING, SNAP - SHAFT SEAL (AA4VG90)	2
12	53727	SEAL, SHAFT - TRACK DRIVE PUMP (AA4VG90)	1
13	R902252004	CYLINDER	1
14	R909414515	PISTON PAD	9
15	R902192958	CUP-SPRING STACK	1
16	R909432983	SHIM RING	1
*	R909432984	SHIM RING	1
*	R909432985	SHIM RING	1
*	R909432986	SHIM RING	1
17	R902205455	RETAINING PLATE	1
18	R902136991	RETAINING BALL	1
19	R909449885	WASHER	2
20	R909435649	COMPRESSION SPRING	1
21	R909084556	RETAINING RING	1
22	R902020313	POSITIONING PISTON	1
23	R902004827	COVER	1
24	R902004873	COVER	1
25	R909154918	HEXAGON NUT	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)



TRACK DRIVE PUMP COMPONENTS

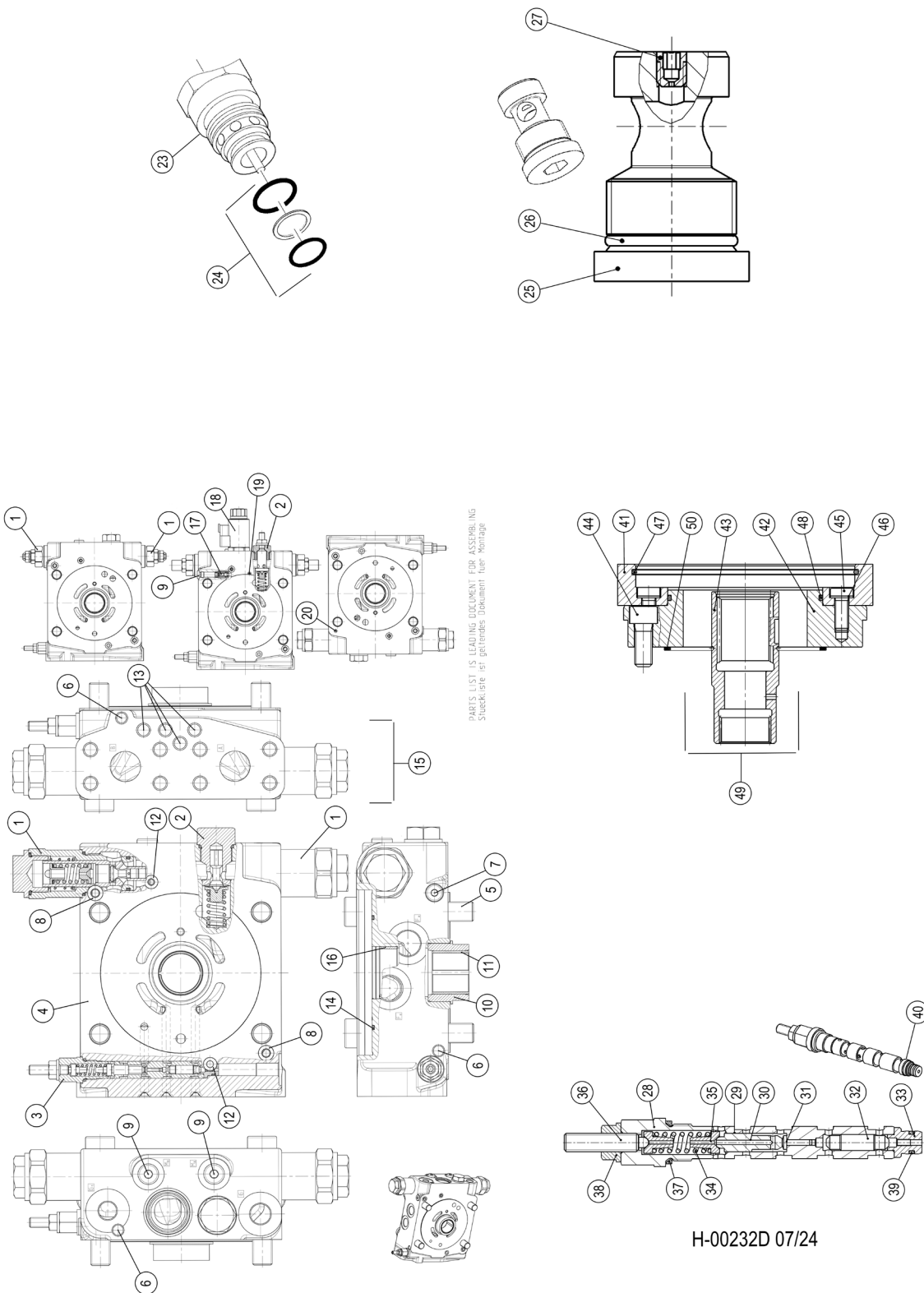
PUMP, TRACK DRIVE - LH (VTG90)

Item	Part #	Description	Qty.
26	R909084744	SOCKET HEAD CAP SCREW	8
27	R909084482	O-RING	2
28	R902600837	ROD GUIDANCE RING	2
29	R902600196	ROD SEAL	2
30	R902002372	SEAL KIT	1
31	R902192998	POSITIONING PISTON	1
32	R902278029	ROD	1
33	R902013493	RING	2
*	R902015508	RING	2
*	R902015509	RING	2
*	R902015510	RING	2
*	R902015511	RING	2
*	R902015512	RING	2
*	R902015513	RING	2
*	R902015514	RING	2
34	R902600489	LOCATING RING	2
35	R902020101	SPRING DISK	2
36	R909432979	COMPRESSION SPRING	2
37	R902280445	RETAINING RING	2
38	R909085709	O-RING	1
39	R909449248	SPRING DISK	2

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)

NOTE: APPLY GREASE TO O-RINGS



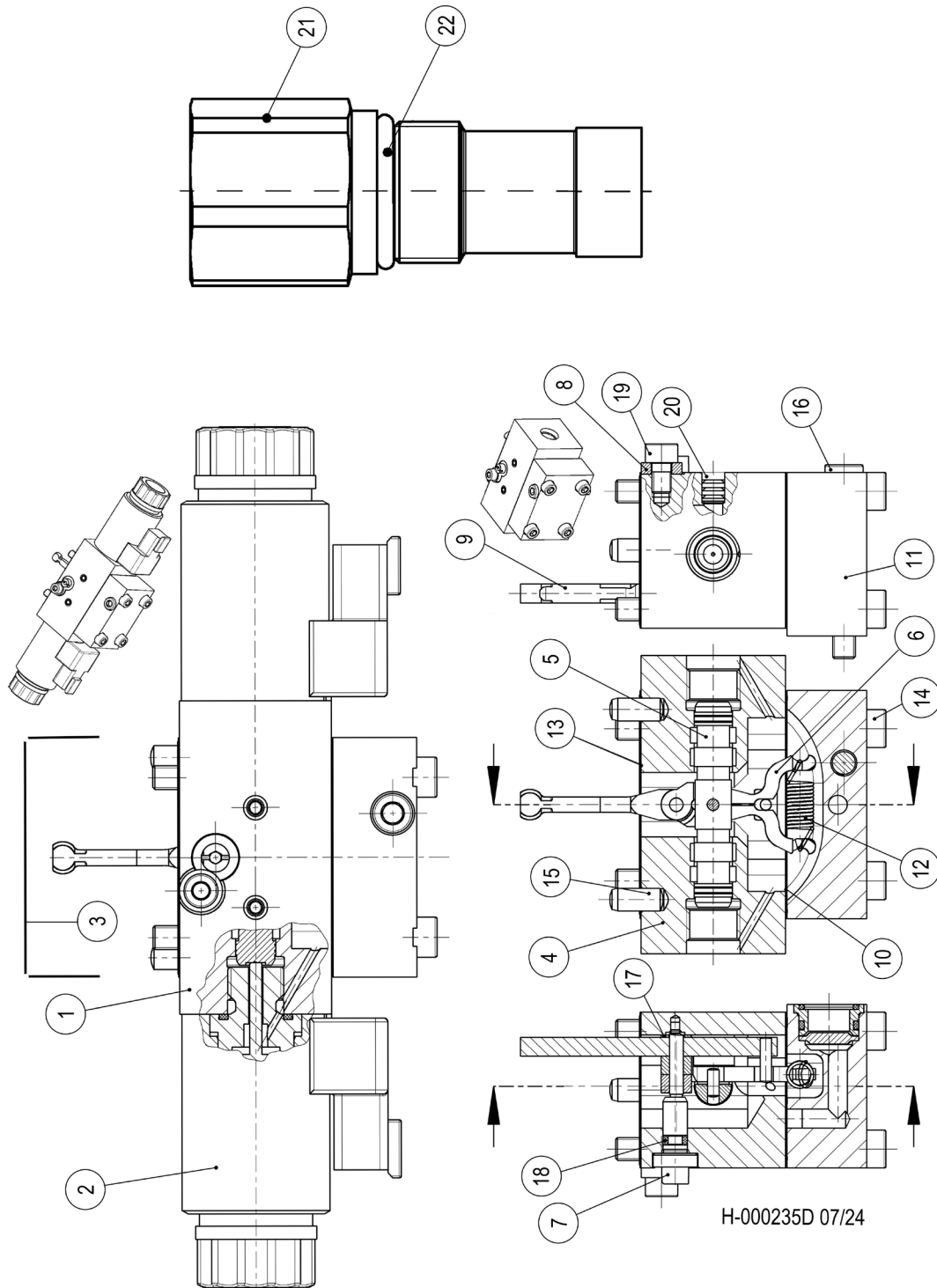
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - LH (VTG90)

Item	Part #	Description	Qty.
1	R902603814	DELIVERY-VALVE ASSEMBLY	2
2	R902117188	LOCKING SET	1
3	53725	CARTRIDGE, POR - AA4VTG90	1
4	R902213222	CONNECTION PLATE	1
5	R909083141	SOCKET HEAD CAP SCREW	4
6	R909831318	DOUBLE BREAK-OFF PLUG	2
7	R909153364	SCREW PLUG	1
8	R909085709	O-RING	2
9	R909154478	SCREW PLUG	2
10	R909440537	BUSHING	1
11	R902283572	BUSHING	1
12	R909086498	O-RING	2
13	R909831319	DOUBLE BREAK-OFF PLUG	2
14	R909086679	O-RING	1
15	R902002400	SEAL KIT	1
16	NO P/N AVAILIBLE	-	-
17	NO P/N AVAILIBLE	-	-
18	NO P/N AVAILIBLE	-	-
19	NO P/N AVAILIBLE	-	-
20	NO P/N AVAILIBLE	-	-
21	53724	CARTRIDGE, RELIEF - MAIN AA4VTG90	1
22	R961003396	SEAL KIT	1
23	NO P/N AVAILIBLE	-	-
24	R902002411	SEAL KIT	1
25	R909650430	SCREW PLUG	1
26	R909083761	O-RING	1
27	R909156494	NOZZLE	1
28	R909432161	SCREW PLUG	1
29	R909425951	VALVE BUSHING	1
30	R909432162	CONTROL PISTON	1
31	R909432163	PISTON	1
32	R909432164	VALVE SPOOL	1
33	R909436284	VALVE SEAT	1
34	R902168277	COMPRESSION SPRING	1
35	R902049851	SPRING DISK	2
36	R909432167	ADJUSTING SCREW	1
37	R909083752	O-RING	1
38	R909152707	SEALING NUT	1
39	R909086380	O-RING	1
40	R902221226	SEAL KIT	1
41	R902108263	INTERMEDIATE FLANGE	1
42	R902077596	PUMP COVER	1
43	58356	COUPLER, THRU DRIVE PUMP	1
44	R909083060	SOCKET HEAD CAP SCREW	4
45	R909083190	SOCKET HEAD CAP SCREW	8
46	R909152493	SEAL RING	8
47	19491	O-RING	1
48	R909085360	O-RING	1

TRACK DRIVE PUMP COMPONENTS

NOTE: APPLY GREASE TO O-RINGS



TRACK DRIVE PUMP COMPONENTS

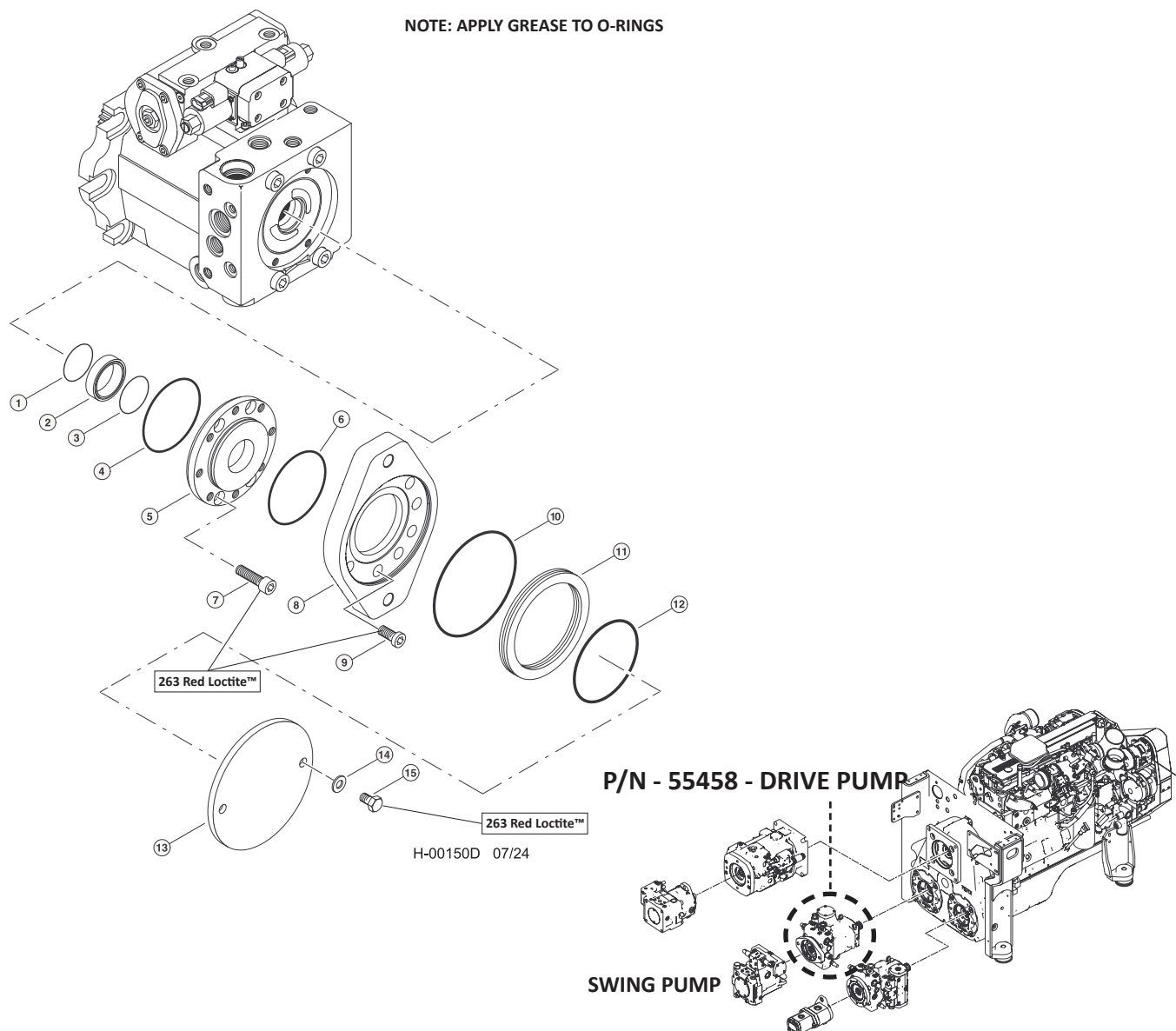
PUMP, TRACK DRIVE - LH (VTG90)

Item	Part #	Description	Qty.
1	R902106746	BASIC UNIT	1
2	53730	COIL, SOLENOID W/STEM - TRACK/WHEEL PUMP	2
3	R902002395	SEAL KIT	1
4	R902254823	HOUSING ASSEMBLY GROUP	1
5	R902107090	CONTROL PISTON	1
6	R902162699	LEVER PAIR	1
7	R902236102	ECCENTRIC PIN	1
8	R902044854	WASHER	1
9	R902113672	FEEDBACK LEVER	1
10	R902603830	SEAL	1
11	R902107492	COVER	1
12	R902068150	EXTENSION SPRING	1
13	R902603829	SEAL	1
14	R909085831	SOCKET HEAD CAP SCREW	4
15	R913009677	STRAIGHT PIN	2
16	R909083027	SOCKET HEAD CAP SCREW	1
17	R902051252	WASHER	1
*	R902051253	WASHER	1
*	R902051254	WASHER	1
*	R902051255	WASHER	1
*	R902051256	WASHER	1
*	R902064222	WASHER	1
18	R909086301	O-RING	1
19	R902601243	SOCKET HEAD CAP SCREW	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

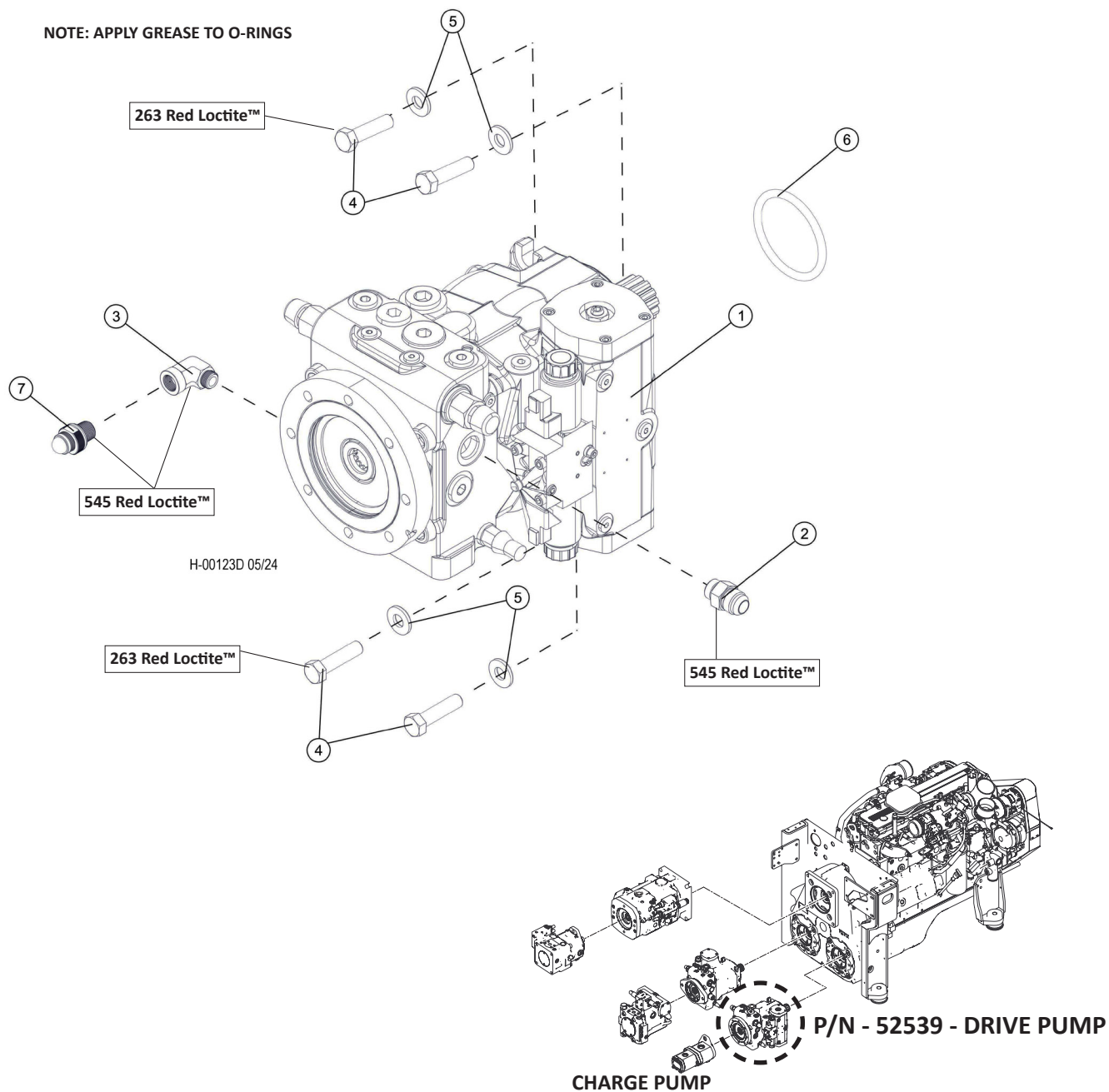
NOTE: APPLY GREASE TO O-RINGS



Item	Part #	Description	Qty.
	55458	PUMP, TRACK DRIVE - (LH) VTG90	1
1	R909084484	O-RING	1
2	R9094430651	SEAL RING	1
3	R909084484	O-RING	1
4	21624	O-RING, CHARGE PUMP PILOT (AA4VG90)	1
5	R902077958	COVER, PUMP AA4VG90	1
6	57807	ORING, THRU-DRIVE 52539 POS 1	1
7	R909083060	BOLT 263 RED LOCTITE™	4
8	R909444589	FLANGE, INTERMEDIATE	1
9	R909083189	BOLT 263 RED LOCTITE™	6
10	57808	ORING, THRU-DRIVE 52539 POS 2	1
11	R909431554	RING, CENTERING	1
12	57809	ORING, THRU-DRIVE 52539 POS 3	1
13	18414	COVER, THRU DRIVE - REXROTH	1
14	18040	WASHER, FLAT - .5"	2
15	10733	BOLT - .5" X 1" 263 RED LOCTITE™	2
	53640	KIT, SEAL REPAIR -TRACK DRIVE PUMP - VTG90R909830978	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)



Item	Part #	Description	Qty.
1	52539	PUMP, TRACK DRIVE (RH) VTG90	1
2	15494	CONNECTOR, STR - 6400-12-10 545 RED LOCTITE™	1
3	57641	FITTING, EBLow - FEMALE 4-AOEG5-S 545 RED LOCTITE™	1
4	50100	BOLT - .5" X 1.25" 263 RED LOCTITE™	4
5	15534	WASHER, SAE FLAT - .5"	4
6	53718	ORING, TRACK DRIVE PUMP PILOT	1
7	57819	TAP, GAUGE PORT - #4 SAE ORING BOSS- ST 545 RED LOCTITE™	1

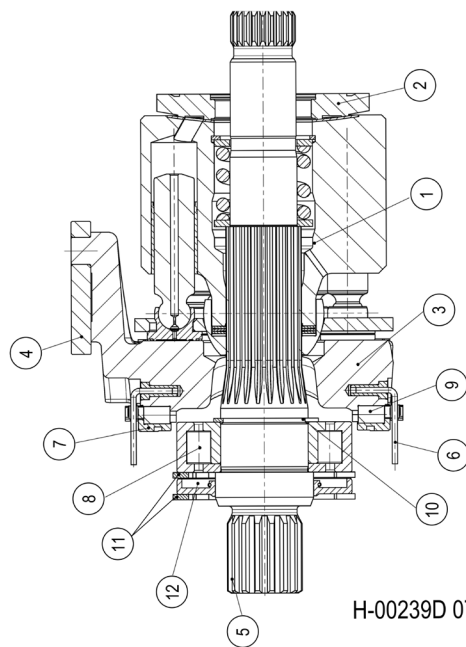
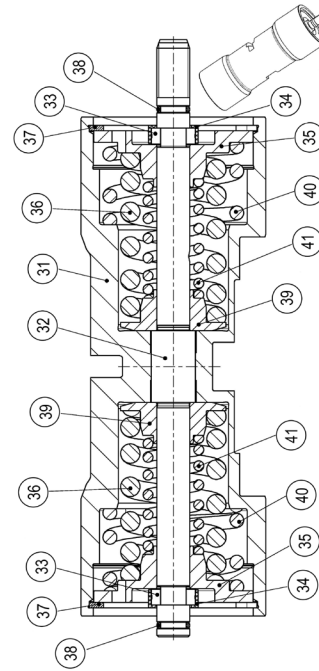
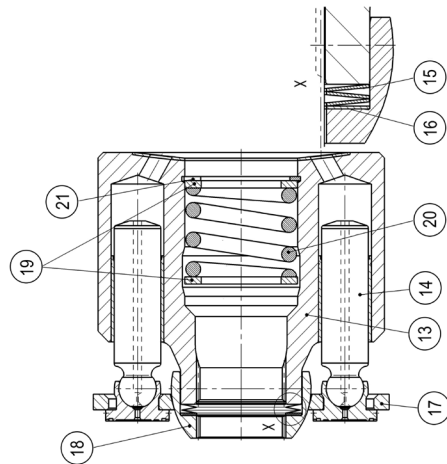
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

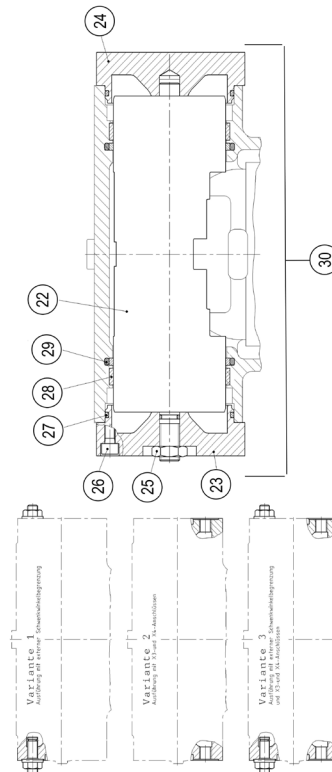
Item	Part #	Description	Qty.
1	R902199506	ROTARY GROUP	1
2	R902009059	CONTROL	1
3	R902131396	CONNECTION PLATE	1
4	R902036109	BELL HOUSING	1
5	53729	VALVE, STROKE CONTROL - AA4VG90 24V	1
6	R902131389	HOUSING	1
7	R902114380	PIVOT PIN	2
8	R909405732	POSITIONING PIN	1
9	R909154480	SCREW PLUG	1
10	R909153371	SCREW PLUG	1
11	R909154478	SCREW PLUG	4
12	R909083228	SCREW PLUG	1
13	R909086731	O-RING	1
14	R909083490	SETSCREW	2
15	R909831318	DOUBLE BREAK-OFF PLUG	1
16	R909156495	NOZZLE	2
17	R913016373	SLOTTED SPRING PIN	2
18	R909153364	SCREW PLUG	2
19	R909153339	SCREW PLUG	1
20	R909153418	SCREW PLUG	1
21	R909153330	O-RING	1
22	R909153338	SCREW PLUG	2
23	R909156495	NOZZLE	1
24	R902012117	THREADED PART	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)



H-00239D 07/24



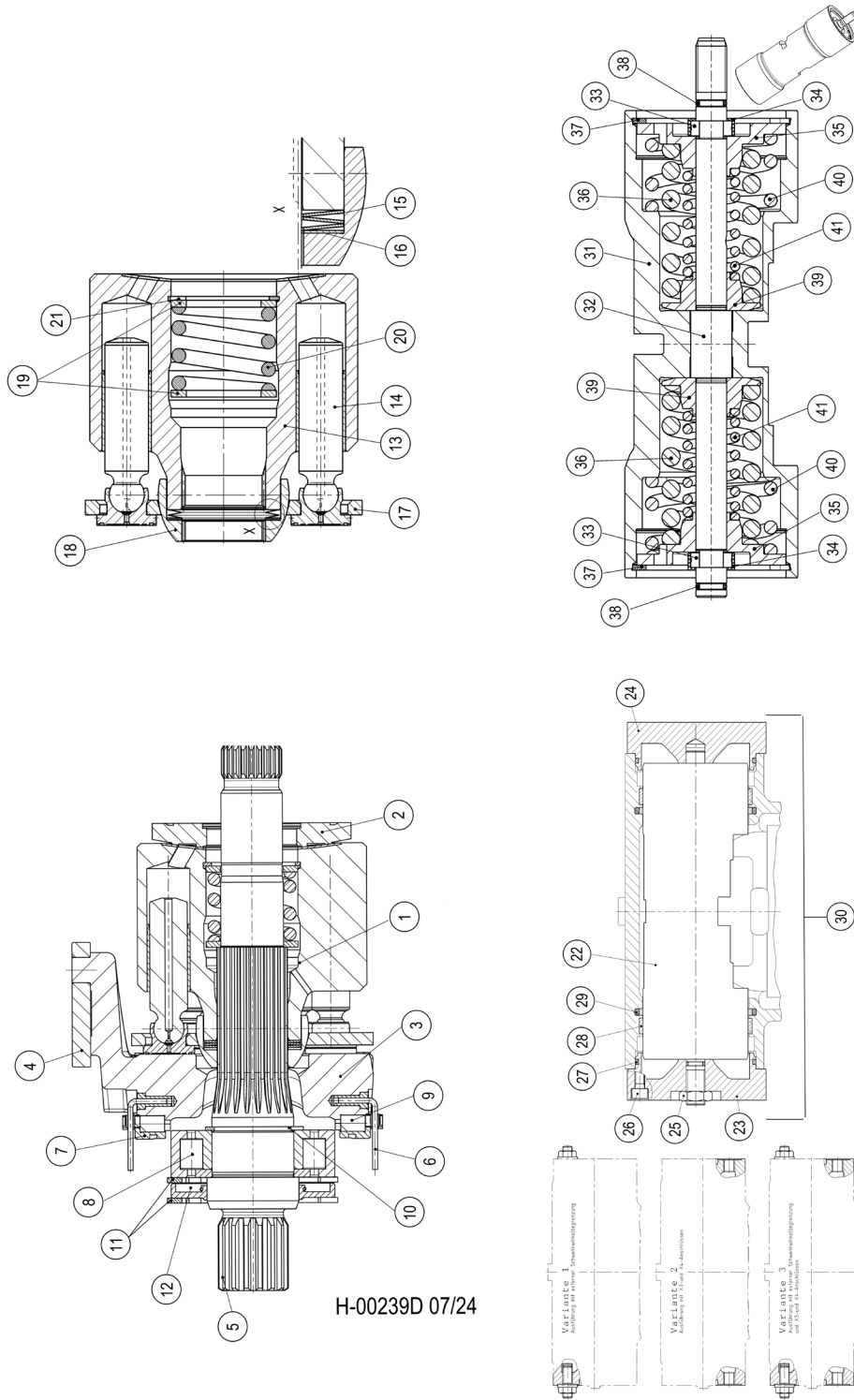
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

Item	Part #	Description	Qty.
1	R902079223	ROTARY GROUP	1
2	R902195224	CONTROL PLATE, LEFT-HAND ROTATION	1
3	R902283514	CRADLE	1
4	R909449810	SLIDER	1
5	R909921550	DRIVE SHAFT	1
6	R902188337	WIRE	2
7	R913054564	BEARING SHELL PAIR	1
8	R909153104	CYL. ROLLER BEARING	1
9	R909830165	CAGE PAIR	1
10	R909083362	RETAINING RING	1
11	53726	RING, SNAP - SHAFT SEAL (AA4VG90)	2
12	53727	SEAL, SHAFT - TRACK DRIVE PUMP (AA4VG90)	1
13	R902252004	CYLINDER	1
14	R909414515	PISTON PAD	9
15	R902192958	CUP-SPRING STACK	1
16	R909432983	SHIM RING	1
*	R909432984	SHIM RING	1
*	R909432985	SHIM RING	1
*	R909432986	SHIM RING	1
17	R902205455	RETAINING PLATE	1
18	R902136991	RETAINING BALL	1
19	R909449885	WASHER	2
20	R909435649	COMPRESSION SPRING	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)



TRACK DRIVE PUMP COMPONENTS

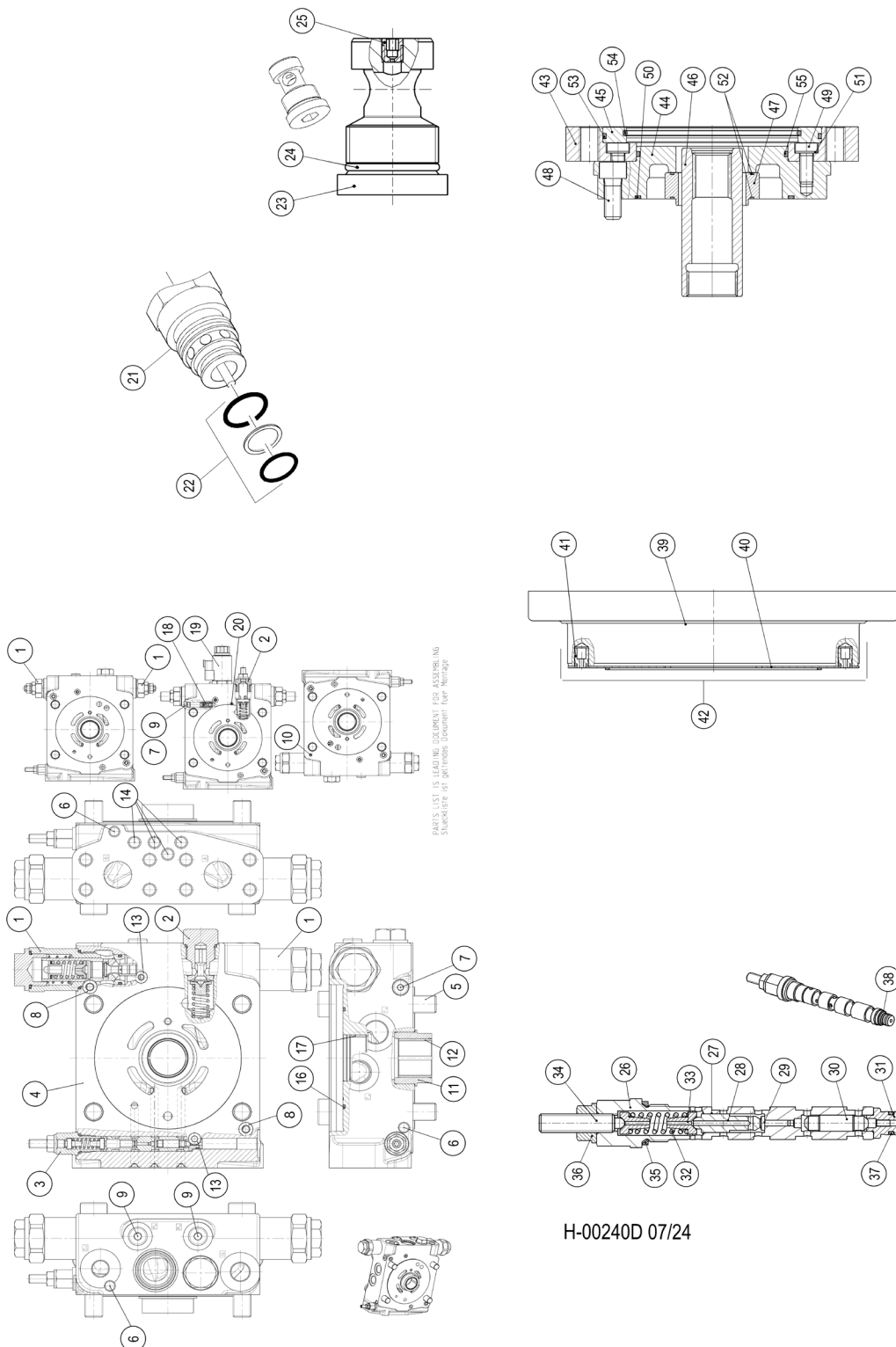
PUMP, TRACK DRIVE - RH (VTG90)

Item	Part #	Description	Qty.
21	R909084556	RETAINING RING	1
22	R902020313	POSITIONING PISTON	1
23	R902004827	COVER	1
24	R902004873	COVER	1
25	R909154918	HEXAGON NUT	1
26	R909084744	SOCKET HEAD CAP SCREW	8
27	R909084482	O-RING	2
28	R902600837	ROD GUIDANCE RING	2
29	R902600196	ROD SEAL	2
30	R902002372	SEAL KIT	1
31	R902192998	POSITIONING PISTON	1
32	R902278029	ROD	1
33	R902013493	RING	2
*	R902015508	RING	2
*	R902015509	RING	2
*	R902015510	RING	2
*	R902015511	RING	2
*	R902015512	RING	2
*	R902015513	RING	2
*	R902015514	RING	2
34	R902600489	LOCATING RING	2
35	R902020101	SPRING DISK	2
36	R909432979	COMPRESSION SPRING	2
37	R902280445	RETAINING RING	2
38	R909085709	O-RING	1
39	R909449248	SPRING DISK	2

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

NOTE: APPLY GREASE TO O-RINGS



TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

Item	Part #	Description	Qty.
1	R902603814	DELIVERY-VALVE ASSEMBLY	2
2	R902117188	LOCKING SET	1
3	53725	CARTRIDGE, POR - AA4VTG90	1
4	R902131398	CONNECTION PLATE	1
5	R909083141	SOCKET HEAD CAP SCREW	4
6	R909831318	DOUBLE BREAK-OFF PLUG	2
7	R909153364	SCREW PLUG	1
8	R909085709	O-RING	2
9	R909154478	SCREW PLUG	2
10	R902603506	SLOTTED SPRING PIN	1
11	R909440537	BUSHING	1
12	R902283572	BUSHING	1
13	R909086498	O-RING	2
14	R909831319	DOUBLE BREAK-OFF PLUG	2
15	R909086679	O-RING	1
16	R902002400	SEAL KIT	1
17	NO P/N AVAILIBLE	-	-
18	NO P/N AVAILIBLE	-	-
19	NO P/N AVAILIBLE	-	-
20	NO P/N AVAILIBLE	-	-
21	53724	CARTRIDGE, RELIEF - MAIN AA4VTG90	1
22	R961003396	SEAL KIT	1
23	R909650430	SCREW PLUG	1
24	R909083761	O-RING	1
25	R909156494	NOZZLE	1

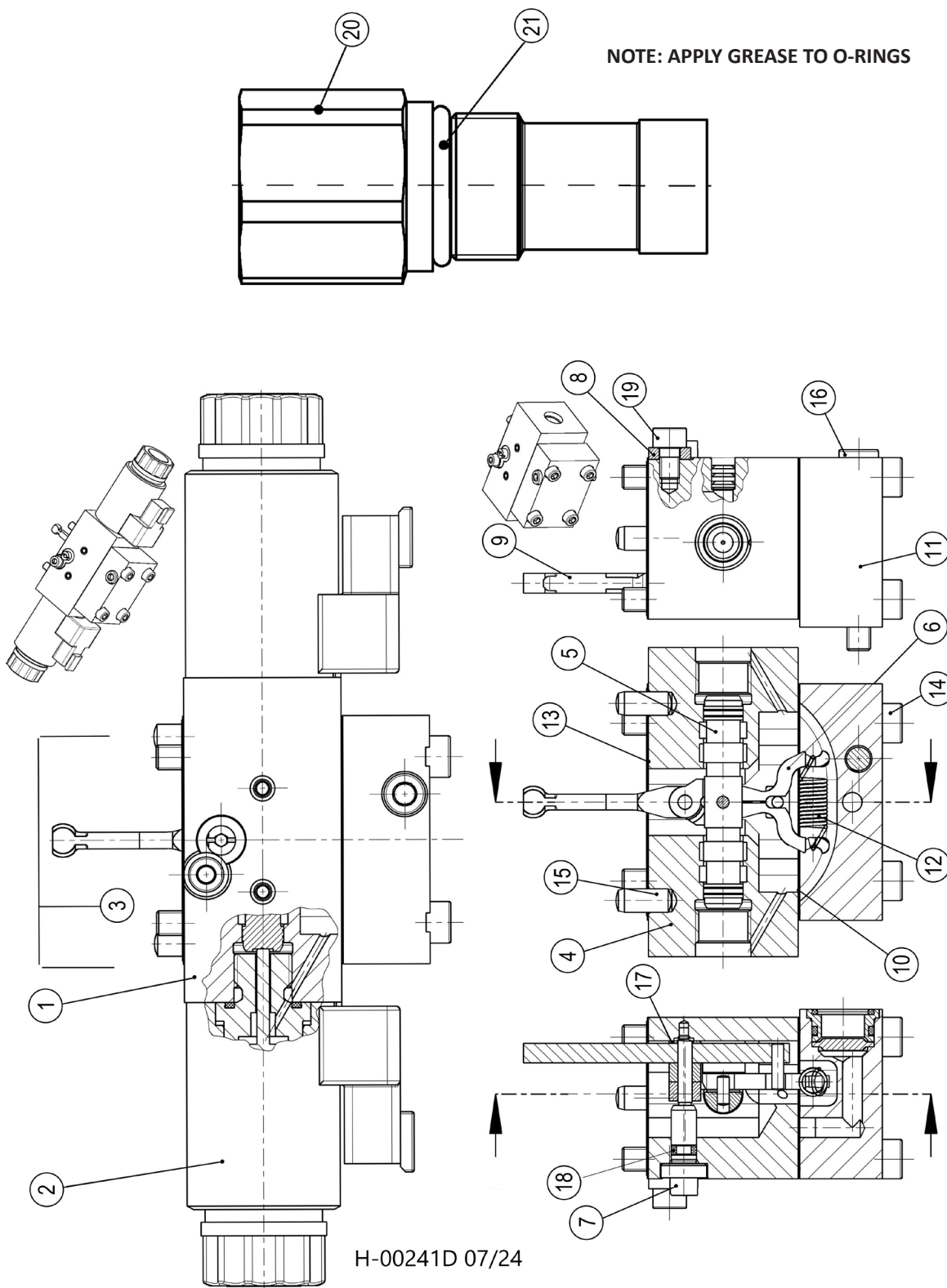
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

Item	Part #	Description	Qty.
26	R909432161	SCREW PLUG	1
27	R909425951	VALVE BUSHING	1
28	R909432162	CONTROL PISTON	1
29	R909432163	PISTON	1
30	R909432164	VALVE SPOOL	1
31	R909436284	VALVE SEAT	1
32	R902168277	COMPRESSION SPRING	1
33	R902049851	SPRING DISK	2
34	R909432167	ADJUSTING SCREW	1
35	R909083752	O-RING	1
36	R909152707	SEALING NUT	1
37	R909086380	O-RING	1
38	R902221226	SEAL KIT	1
39	R902079044	BELL HOUSING	1
40	R902278082	WEAR PLATE	1
41	R913007069	HOLDING PLUG	2
42	R902002412	SEAL KIT	1
43	R909444589	FLANGE	1
44	R902077958	HOUSING	1
45	R909431554	LOCATING RING	1
46	R902084926	THROUGH DRIVE COUPLING	1
47	R909430651	SEAL RING	1
48	R909083060	SOCKET HEAD CAP SCREW	4
49	R909083189	SOCKET HEAD CAP SCREW	6
50	R909086679	O-RING	1
51	R909152493	SEAL RING	6
52	R909084484	O-RING	2
53	R909085363	O-RING	1
54	20373	O-RING, CHARGE PUMP PILOT (AA4VG125)	1
55	R909085360	O-RING	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)



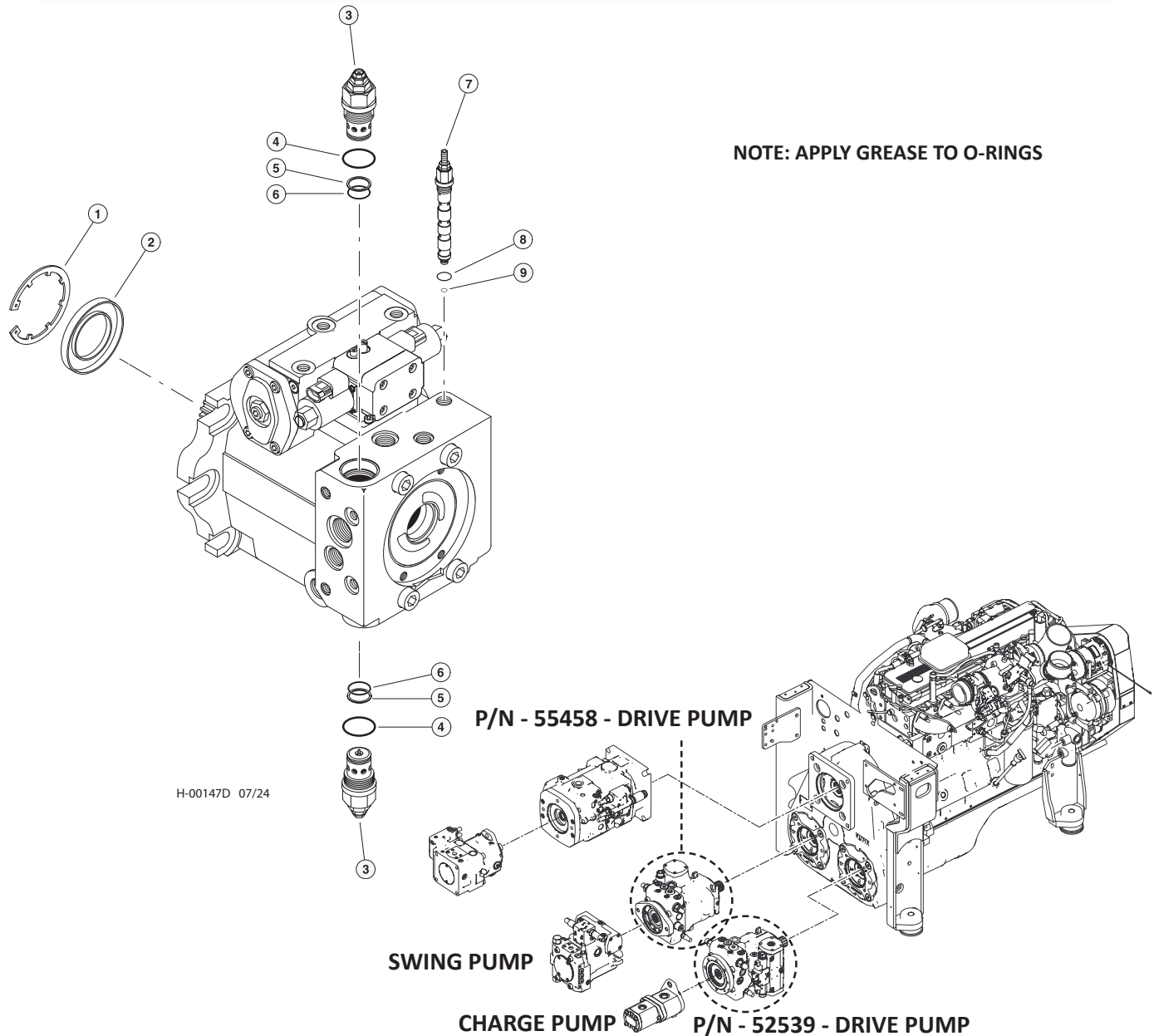
TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

Item	Part #	Description	Qty.
1	R902106746	BASIC UNIT	1
2	53730	COIL, SOLENOID W/STEM - TRACK/WHEEL PUMP	1
3	R902002395	SEAL KIT	1
4	R902254823	HOUSING ASSEMBLY GROUP	1
5	R902107090	CONTROL PISTON	1
6	R902162699	LEVER PAIR	1
7	R902236102	ECCENTRIC PIN	1
8	R902044854	WASHER	1
9	R902113672	FEEDBACK LEVER	1
10	R902603830	SEAL	1
11	R902107492	COVER	1
12	R902068150	EXTENSION SPRING	1
13	R902603829	SEAL	1
14	R909085831	SOCKET HEAD CAP SCREW	4
15	R913009677	STRAIGHT PIN	2
16	R909083027	SOCKET HEAD CAP SCREW	1
17	R902051252	WASHER	1
*	R902051253	WASHER	1
*	R902051254	WASHER	1
*	R902051255	WASHER	1
*	R902051256	WASHER	1
*	R902064222	WASHER	1
18	R909086301	O-RING	1
19	R902601243	O-RING	1
20	R902012092	LOCKING PIECE	1
21	R909083758	O-RING	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

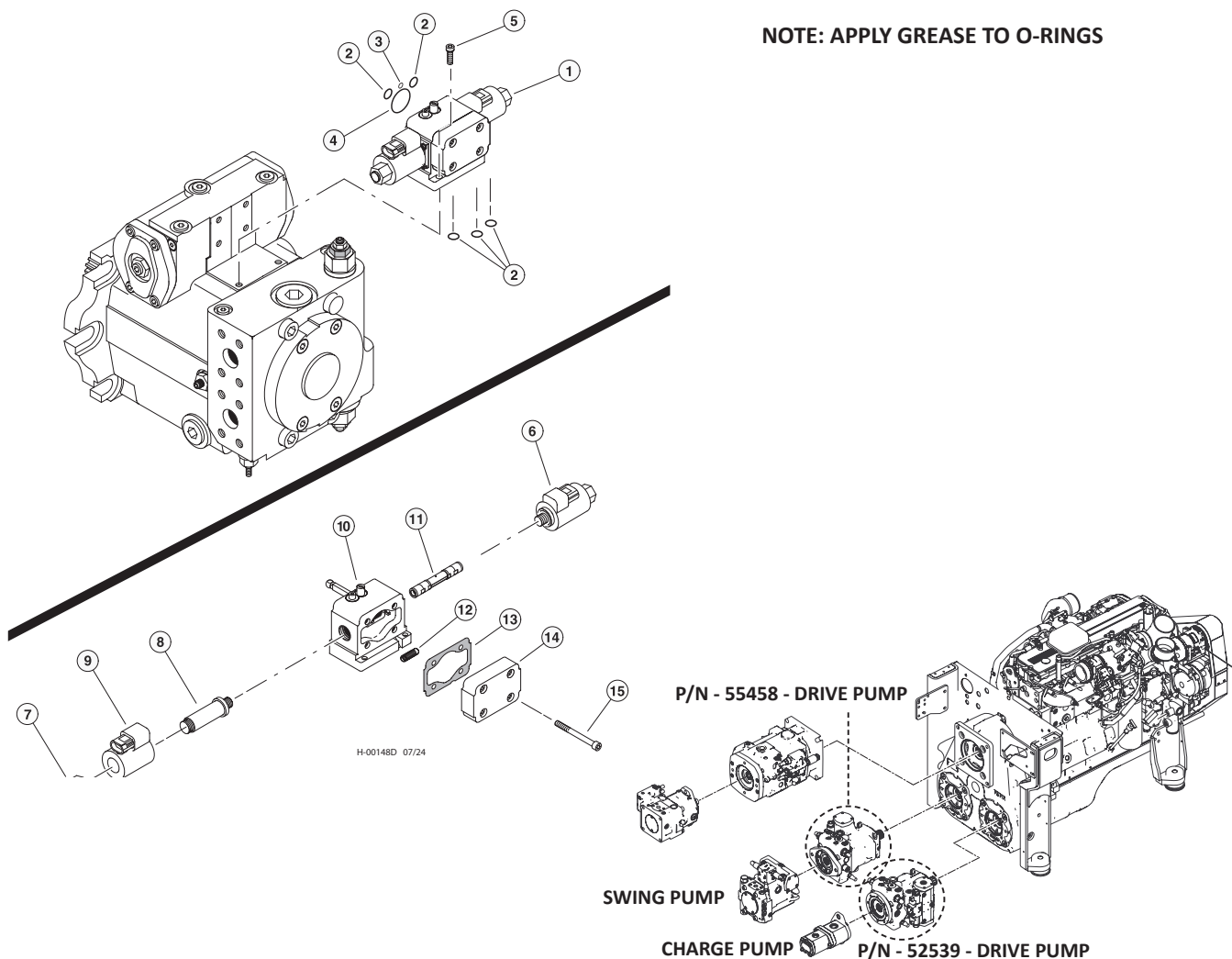


Item	Part #	Description	Qty.
	55458	PUMP, TRACK DRIVE - (LH) VTG90	1
	52539	PUMP, TRACK DRIVE - (RH) VTG90	1
1	53726	RING, SEAL RETAINING	1
2	53727	SEAL, SHAFT	1
3	53724	CARTRIDGE, HIGH PRESSURE RELIEF VALVE	2
4,5,6	R961003396	SEAL KIT	1
7	53725	CARTRIDGE, POR - AA4VTG90	2
8,9	R902221226	SEAL KIT	1
	53640	KIT, SEAL REPAIR -TRACK DRIVE PUMP-VTG90	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)

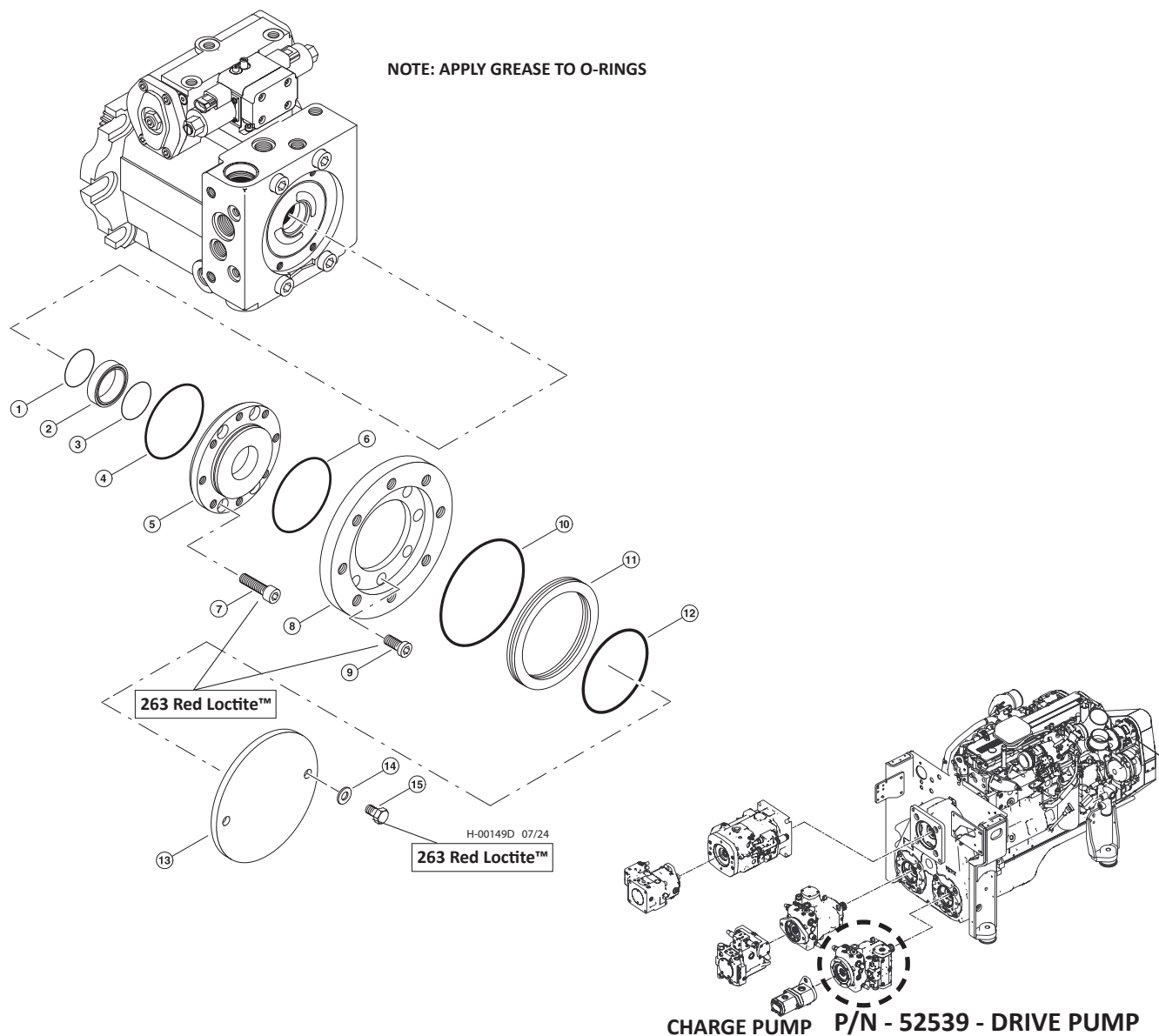
NOTE: APPLY GREASE TO O-RINGS



Item	Part #	Description	Qty.
	55458	PUMP, TRACK DRIVE - (LH) VTG90	1
	52539	PUMP, TRACK DRIVE - (RH) VTG90	1
1	53729	VALVE, STROKE CONTROL	1
2	WITH SEAL KIT 53640	O-RING, STROKE CONTROL	5
3	WITH SEAL KIT 53640	O-RING, STROKE CONTROL	1
4	WITH SEAL KIT 53640	O-RING, STROKE CONTROL	1
5	53730	BOLT, ALLEN HEAD - 6MM X 20MM	2
6	53730	COIL, SOLENOID W/STEM	2
7	NO P/N AVAILABLE	NUT, COIL STEM	2
8	NO P/N AVAILABLE	COIL STEM	2
9	53730	COIL, SOLENOID W/STEM	2
10	R902106746	CONTROL MODULE - AA4VG90 24V (R902106746)	1
11	R902107090	CONTROL PISTON (R902107090)	1
12	R902068150	SPRING, STROKE CENTERING (R902068150)	1
13	R902066611	GASKET, (R902066611)	1
14	R902107492	COVER, (R902107492)	1
15	R909085831	BOLT, ALLEN HEAD - 6MM (R909085831)	4
	53640	KIT, SEAL REPAIR - TRACK DRIVE PUMP-VTG90	1

TRACK DRIVE PUMP COMPONENTS

PUMP, TRACK DRIVE - RH (VTG90)



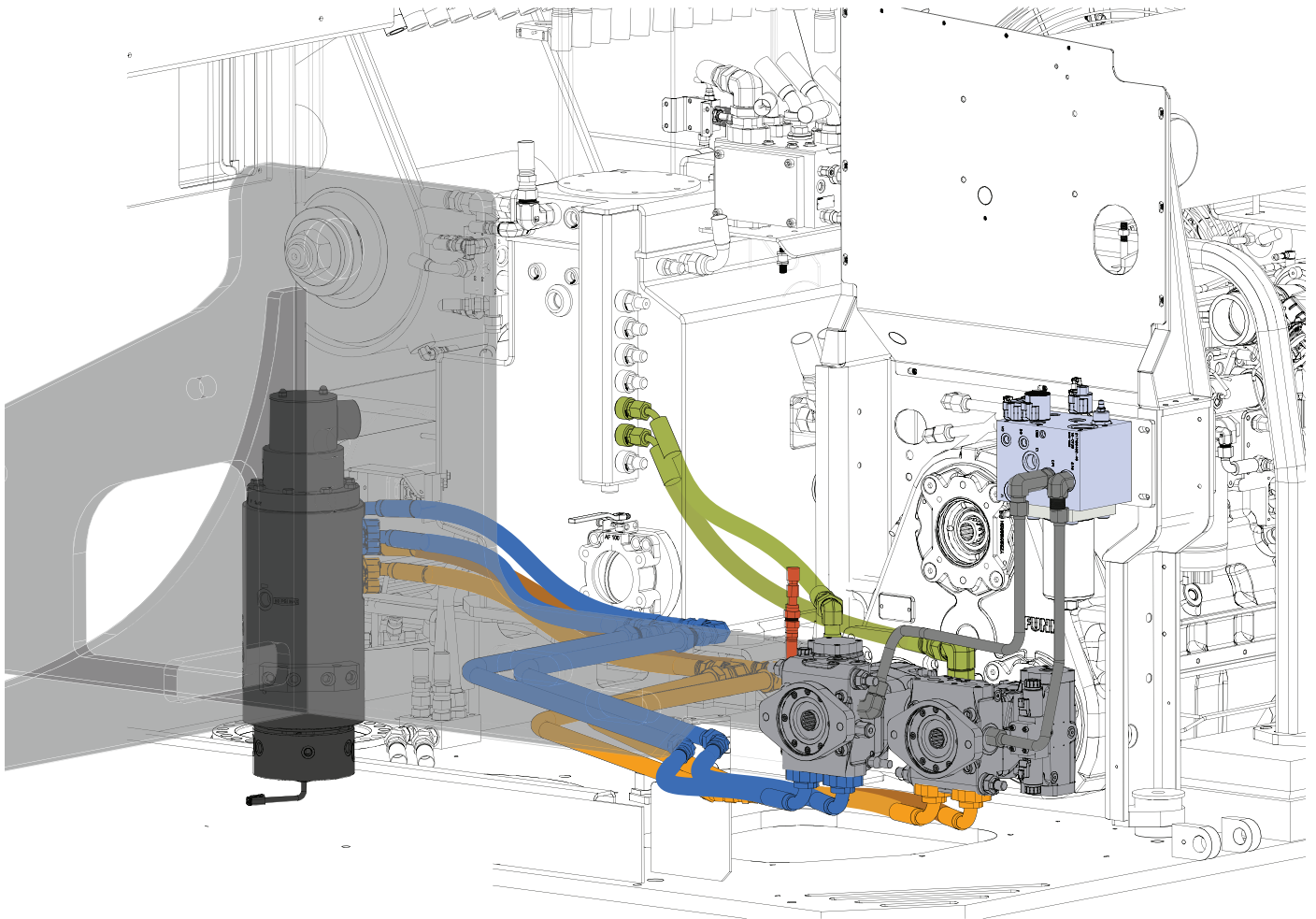
Item	Part #	Description	Qty.
	52539	PUMP, TRACK DRIVE - (RH) VTG90	1
1	R909084484	O-RING	1
2	R9094430651	SEAL RING	1
3	R909084484	O-RING	1
4	21624	O-RING, CHARGE PUMP PILOT (AA4VG90)	1
5	R902077958	COVER, PUMP AA4VG90	1
6	57807	ORING, THRU-DRIVE 52539 POS 1	1
7	R909083060	BOLT 263 RED LOCTITE™	4
8	NO P/N AVAILABLE	FLANGE, INTERMEDIATE	1
9	R909083189	BOLT 263 RED LOCTITE™	6
10	57808	ORING, THRU-DRIVE 52539 POS 2	1
11	R909431554	RING, CENTERING	1
12	57809	ORING, THRU-DRIVE 52539 POS 3	1
13	18414	COVER, THRU DRIVE - REXROTH	1
14	18040	WASHER, FLAT - .5"	2
15	10733	BOLT - .5" X 1" 263 RED LOCTITE™	2
	53640	KIT, SEAL REPAIR -TRACK DRIVE PUMP - VTG90R909830978	1

THIS PAGE LEFT BLANK FOR NOTES

[illegible]

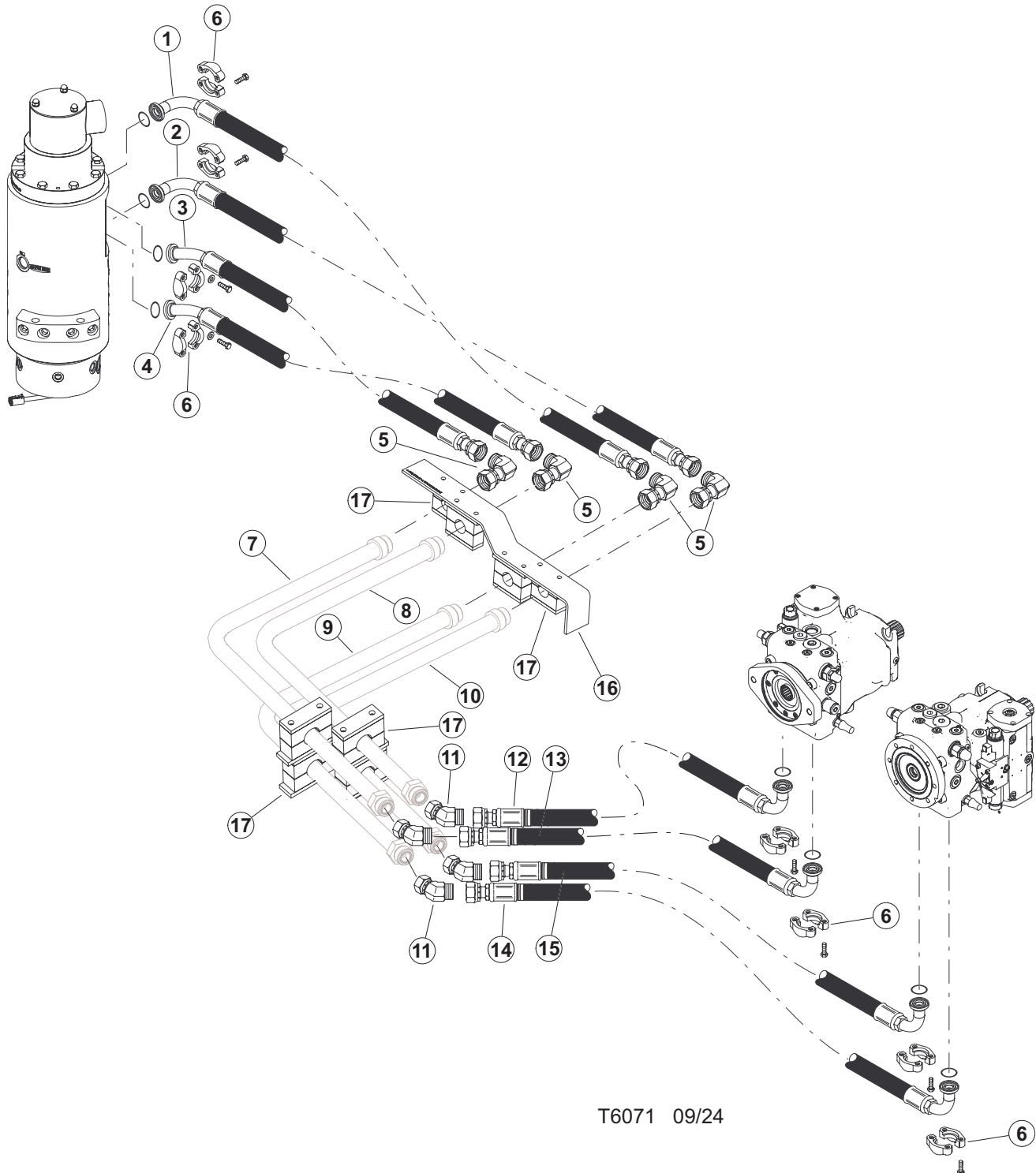
SECTION DH-2

TRACK DRIVE HYDRAULICS SYSTEM ASSEMBLY AND INSTALLATION



DRIVE HYDRAULICS SYSTEM ASSEMBLY AND INSTALLATION

UPPER DRIVELINE INSTALLATION



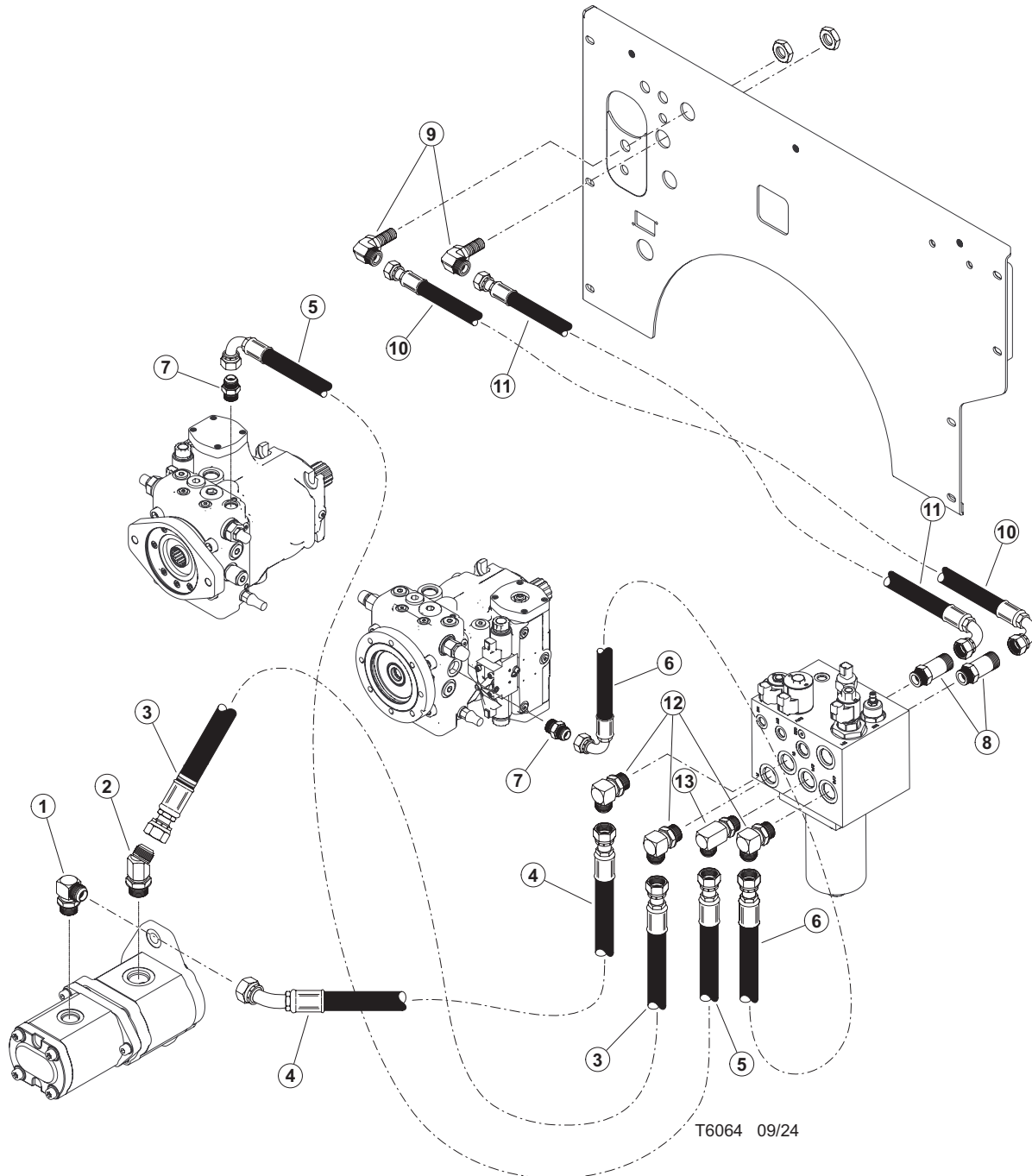
DRIVE HYDRAULICS SYSTEM ASSEMBLY AND INSTALLATION

UPPER DRIVELINE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	(KIT - 59057)	1	HOSE ASSY - 797TC33 16-16OS-16PH9-SW (RM 12)
2	(KIT - 59057)	1	HOSE ASSY - 797TC42.5 16-16OS-16PH9-SW (RM 10)
3	(KIT - 59057)	1	HOSE ASSY - 797TC27 16-16OS-16PH4-SW (RM 11)
4	(KIT - 59057)	1	HOSE ASSY - 797TC36 16-16OS-16PH4-SW (RM 9)
5	17682	4	SWIVEL, 16 ORFS 90 16 C6LO
6	15113	8	KIT, SPLIT FLANGE - 1" (CODE 62)
7	57251	1	TUBELINE, TRACK DRIVE
8	57252	1	TUBELINE, TRACK DRIVE
9	57253	1	TUBELINE, TRACK DRIVE
10	57254	1	TUBELINE, TRACK DRIVE
11	52441	4	TUBELINE, TRACK DRIVE
12	(KIT - 59057)	1	HOSE ASSY - 797TC52.5 16-16OS-16PH9-SW (DRIVE PUMP TO RM 9)
13	(KIT - 59057)	1	HOSE ASSY - 797TC58.5 16-16OS-16PH9-SW ((DRIVE PUMP TO RM 11)
14	(KIT - 59057)	1	HOSE ASSY - 797TC64 16-16OS-16PH9-SW ((DRIVE PUMP TO RM 12)
15	(KIT - 59057)	1	HOSE ASSY - 797TC61.5 16-16OS-16PH9-SW ((DRIVE PUMP TO RM 10)
16	48684	1	CLAMP BRACKET
17	52372	4	CLAMP, STEEL TUBELINES

LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE MANIFOLD HYD. HOSE CONNECTIONS



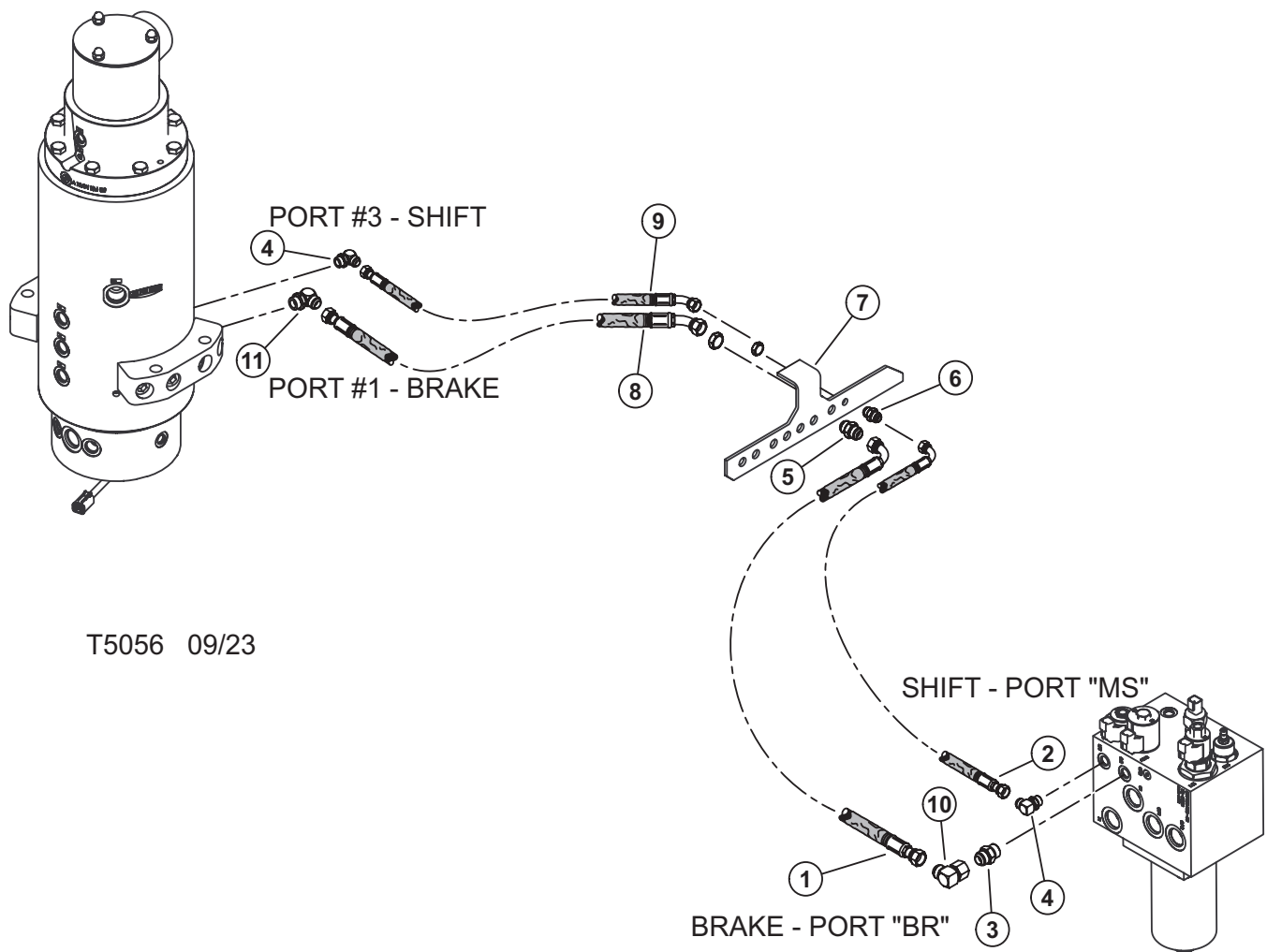
LOG LOADER HYDRAULICS ASSEMBLY AND INSTALLATION

CHARGE MANIFOLD HYD. HOSE CONNECTIONS

REF	PART #	QTY	DESCRIPTION
1	53032	1	ELBOW, 90 - 12 JIC X 10 ORB
2	15474	1	ELBOW, 45 - 6802-12
3	656850	1	HOSE, HYD, 722TC16.5 12-12JS-12JS
4	656900	1	HOSE, HYD, 187TC22 12-12JS-12J4
5	656890	1	HOSE, HYD, 187TC30 12-12JS-12J9
6	656880	1	HOSE, HYD, 187TC18.5 12-12JS-12J9
7	15494	2	CONNECTOR, STR - 6400-12-10
8	19092	2	CONNECTOR, STR LONG - 848L-TTO-12X12
9	54704	2	ELBOW, 90 BULK 12 WETX-WLN-S
10	656870	1	HOSE, HYD, 187TC20.5 12-12JS-12J9
11	656860	1	HOSE, HYD, 187TC19 12-12JS-12J9
12	11306	3	ELBOW, 90 12 C5OX-S
13	58379	1	ELBOW, LONG, 3/4 JIC(M) - 3/4 ORB(M)

DRIVE HYDRAULICS SYSTEM ASSEMBLY AND INSTALLATION

MOTOR SHIFT AND PARKING BRAKE HYDRAULICS ASSEMBLY AND INSTALLATION



DRIVE HYDRAULICS SYSTEM ASSEMBLY AND INSTALLATION

MOTOR SHIFT AND PARKING BRAKE HYDRAULICS ASSEMBLY AND INSTALLATION

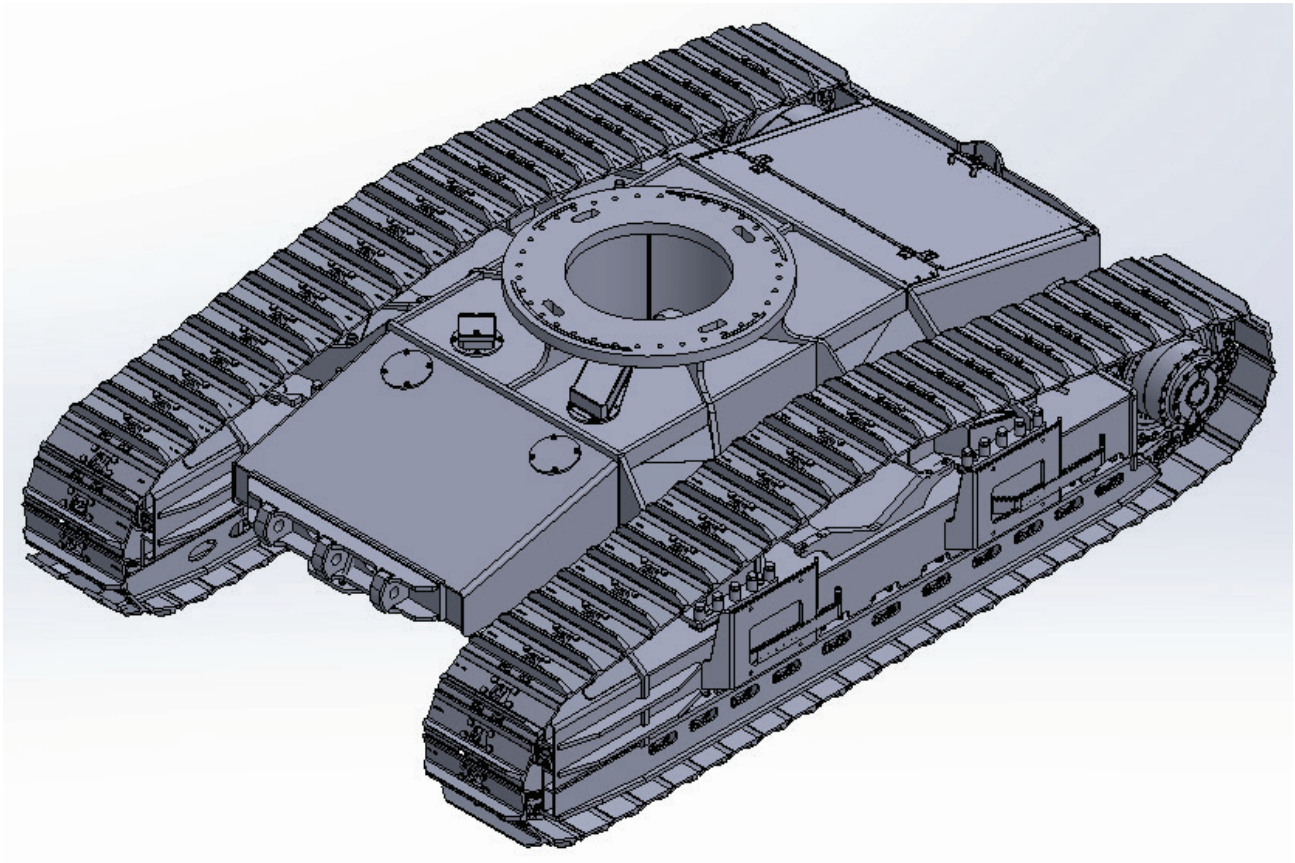
REF	PART #	QTY	DESCRIPTION
1	59057 (Kit #)	1	HOSE ASSEMBLY (Parking Brake) - P#: 387TC120 06-06OS-06J9-WS (Upperturntable BH to Charge/Cooler Manifold)
2	59057 (Kit #)	1	HOSE ASSEMBLY (Motor Shift) - P#: 387TC118 04-04OS-04J9-WS (Upperturntable BH to Charge/Cooler Manifold)
3	18034	1	CONNECTOR, STR - FF1852T-0606S
4	15133	2	ELBOW, 90 - FF1868T-0406S1
5	55374	1	FITTING, BULKHEAD - 6 WTX-WLN-S
6	55383	1	FITTING, BULKHEAD - 4 WTX-WLN-S
7	66152	1	785 LL PLATE, BULKHEAD, UPPER TURNTABLE
8	59057 (Kit #)	1	HOSE ASSEMBLY (Parking Brake) P#: 387TC57 06-06JS-06J4-WS (RM #1 TO BRAKE BULKHEAD)
9	59057 (Kit #)	1	HOSE ASSEMBLY (Motor Shift) P#: 387TC56 04-04JS-04J4-WS (RM #3 TO MOTOR SHIFT BULKHEAD)
10	20035	1	ELBOW, 90 SWIVEL - 6 C6LO-S
11	22405	1	ELBOW, 90 - 8-6 C5OLO-S

THIS PAGE LEFT BLANK FOR NOTES

[illegible]

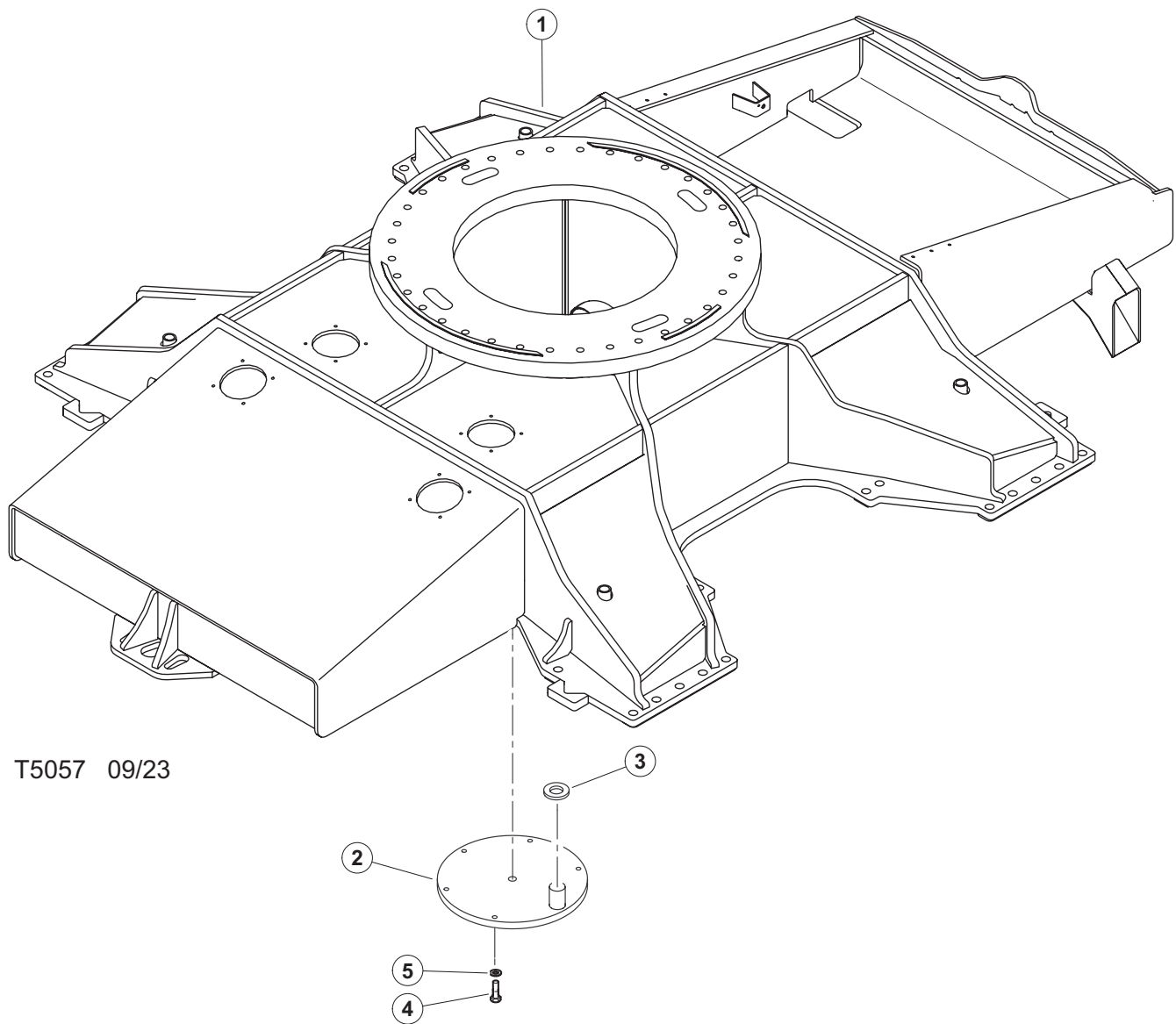
SECTION NV-1

NON-LEVELING CARBODY & TRACK FRAME



NON-LEVELING TRACK FRAMES

CARBODY AND ACCESS COVER INSTALLATION - (COMMON)

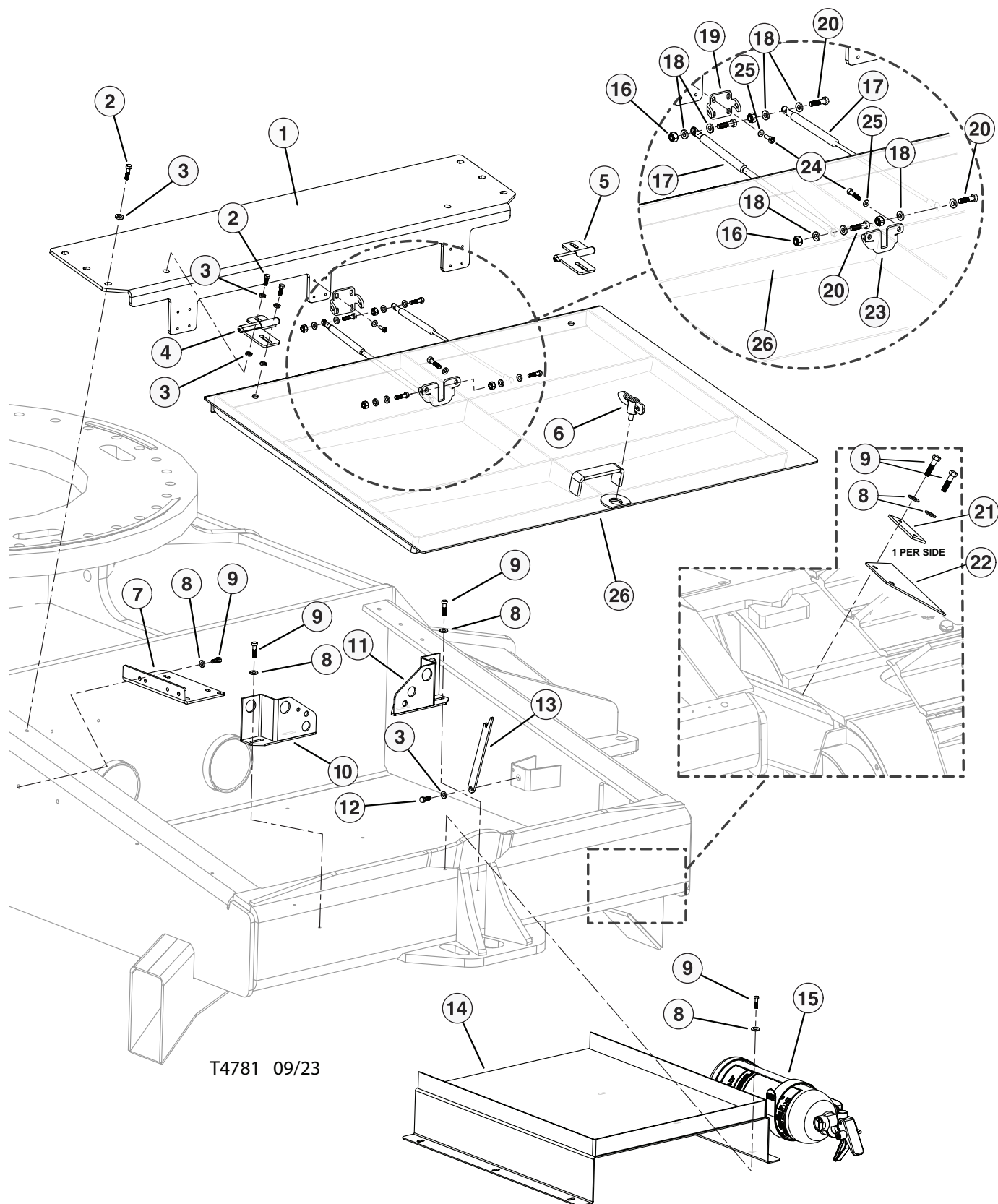


T5057 09/23

REF	PART #	QTY	DESCRIPTION
1	62180	1	CARBODY ASSEMBLY
2	43739	1	PLATE, COVER BOTTOM 11'-2" (COMMON
3	12021	1	WASHER, BURNED (COMMON)
4	15517	5	BOLT - .625" X 2.5" (COMMON)
5	10805	5	WASHER, FLAT - .625" (COMMON)

NON-LEVELING TRACK FRAMES

REAR TRUNK COMPONENTS - (11 ROLLER TRACK CARBODY) - (UP TO SN 1168)



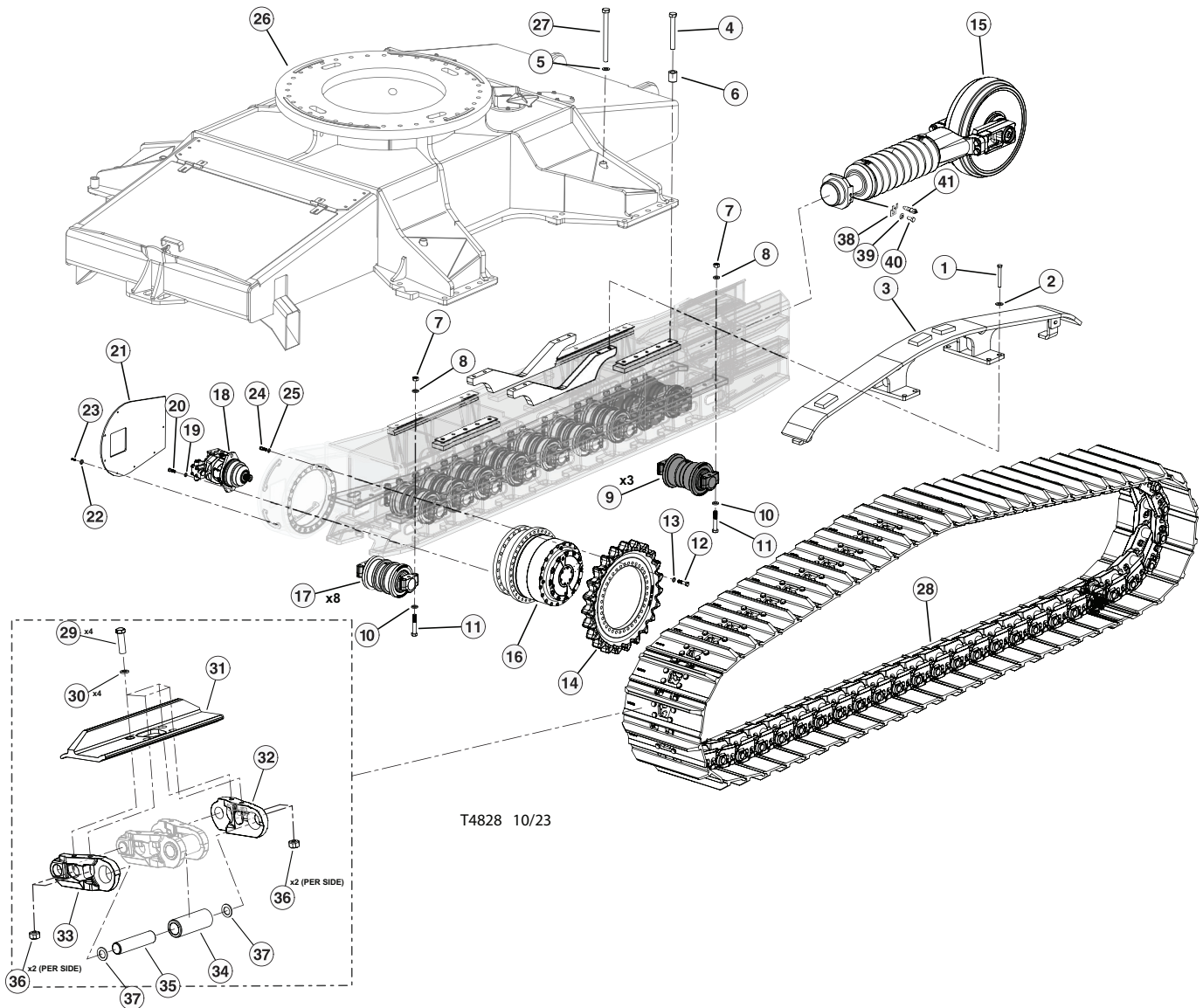
NON-LEVELING TRACK FRAMES

REAR TRUNK COMPONENT - (11 ROLLER TRACK CARBODY) - (UP TO SN 1168)

REF	PART #	QTY	DESCRIPTION
1	62268	1	WELDMENT, TRUNK LID EXTENSION - LOG LOAD
2	51000	10	BOLT - .5" X 1.25"
3	10804	11	WASHER, FLAT - .5"
4	53584	1	HINGE, ASSEMBLY-T/M TRUNK L.H.
5	53585	1	HINGE, ASSEMBLY-T/M TRUNK R.H.
6	19771	1	LATCH, CAM - SHORT (PUMP GUARD)
7	53197	1	MOUNT, FUEL COMPONENTS - LEV T/M
8	10802	16	WASHER, FLAT - .375"
9	11707	17	BOLT - .375" X 1.00"
10	53762	1	BULKHEAD, TRACK HOSE L.H.
11	53761	4	BULKHEAD, TRACK HOSE R.H.
12	10739	1	BOLT - .5" X 1.5"
13	54060	1	ROD, PROP - LEVELING TRUNK-CURRENT
14	62611	1	WELDMENT, LL HOSE TRAY
15	16222	1	FIRE EXTINGUISHER W/BACKET - 10 LBS
16	16117	4	NUT, HEX - 6MM
17	57963	2	SHOCK, GAS - TRUNK LID (takes four 54108 cylinder ends)
18	10800	8	WASHER, FLAT - .25"
19	65326	1	BRACKET, TRUNK STRUT - LOWER
20	58198	4	BOLT - 6MM-1.0P x 60MM
21	20209	2	RETAINER, RUBBER STEP
22	53622	2	BELTING, TRACK CHUTE COVER
23	65327	1	BRACKET, TRUNK STRUT - UPPER
24	15589	8	BOLT - .3125" X 1.00"
25	10801	8	WASHER, FLAT - .3125"
26	62271	1	TRUNK LID ASSY

NON-LEVELING TRACK FRAMES

11 ROLLER TRACK FRAME - (54 LINK TRACK) - (UP TO SN 1168)



NON-LEVELING TRACK FRAMES

11 ROLLER TRACK FRAME - (54 LINK TRACK) - (UP TO SN 1168)

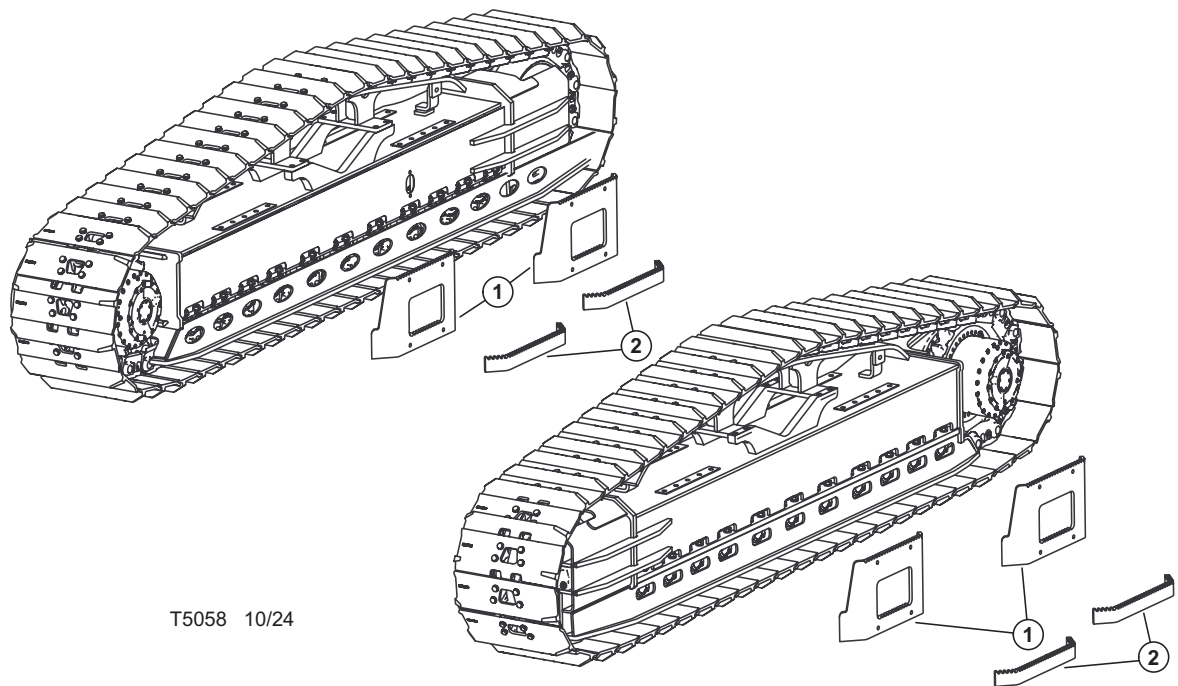
REF	PART #	QTY	DESCRIPTION
1	18525	16	BOLT - 20MM-2.5P X 50MM
2	19926	16	WASHER, BOLT - ROLLER (330)
3	47690	2	SLIDER, TRACK - TN745/765 11'-2"
4	53139	32	BOLT - 30MM-3.5 X 140MM 12.9 (Torque to 1806 ft lbs - 2449 Nm)
5	23211	4	WASHER, SAE FLAT - 1.125" (EXTRA THICK)
6	12464	24	SPACER, BOLT - CARBODY
7	(CALL)	44	NUT - M24X3 CLASS 12
8	65470	44	WASHER, FLAT - 20MM
9	58262	3	ROLLER, SINGLE FLANGE - BERCO (D7)
10	65470	44	WASHER, FLAT - 20MM
11	65185	44	BOLT - M24-3.0 X 140MM 10.9 HHCS
12	(CALL)	72	BOLT - M18-1.5 X 75MM
13	(CALL)	72	WASHER, FLAT - M18
14	58265	2	SPROCKET, TRACK DRIVE - BERCO (D7)
15	58264	2	IDLER, FRONT ASSY - BERCO (D7)
16	58594	2	FINAL DRIVE GEARBOX - KOMATSU 785 LL
17	58263	8	ROLLER, DOUBLE FLNAGE - BERCO (D7)
18	58593	2	MOTOR, FINAL DRIVE 160CC - KOMATSU DRIVE
19	24535	14	BOLT - 24MM (Torque to 660 ft lbs (900 Nm)) (see NOTE below)
20	21383	4	BOLT - (Rexroth 16441363)
21	62740	1	PLATE, DRIVE COVER (LH)
	62735	1	PLATE, DRIVE COVER (RH)
22	18735	7	WASHER, FLAT - 12MM
23	18415	7	BOLT - 12MM-1.75P X 30MM
24	24535	48	BOLT - 24MM (Torque to 660 ft lbs (900 Nm)) (see NOTE below)
25	19926	48	WASHER - HARD 24MM
26	62180	1	WELDMENT, TN HD, 11'11" - Carbody
27	65294	4	BOLT - M30X365 - 931-12-9 (Torque to 1806 ft lbs - 2449 Nm)
28	58607	2	TRACK, RAIL W/700 SG (54 LINK) D7G HD
	(CALL)	1	TRACK CHAIN ASSEMBLY
	53279	1	TRACK, RAIL W/700 DG (54 LINK) D7G HD
29	SI 878	216	BOLT, TRACK SHOE - M24 X 1.5 L = 72MM (Torque to 300 ft lbs (400 Nm))
30	65295	216	WASHER, FLAT - M24, 25MM ID X 39MM OD
31	(CALL)	54	SHOE, DOUBLE GROUSER - 700MM HD
	(CALL)	54	SHOE, SINGLE GROUSER - 700MM HD
32	(CALL)	54	LINK, TRACK - 330 (RH) (BERCO)
33	(CALL)	54	LINK, TRACK - 330 (LH) (BERCO)
34	(CALL)	53	TRACK BUSHING
	(CALL)	1	MASTER BUSHING
35	(CALL)	53	TRACK PIN
	(CALL)	1	TRACK PIN, MASTER (COMPLETE)
	21457	2	PIN, TRACK - MASTER (330) (BERCO)
36	SI 652	216	NUT, TRACK SHOE - M24 X 1.5
37	(CALL)	106	POLYURETHANE SEAL
38	58297	2	CLIP, RETAINER, TRACK TENSIONER (BERCO)
39	58298	2	WASHER, TRACK TENSIONER (BERCO)
40	58299	2	BOLT, TRACK TENSIONER (BERCO)
41	58296	2	GREASE ZERT - TRACK TENSIONER (BERCO)

NOTE:

USE LOCTITE 272 (BLUE / MEDIUM) DURING INSTALLATION

NON-LEVELING TRACK FRAMES

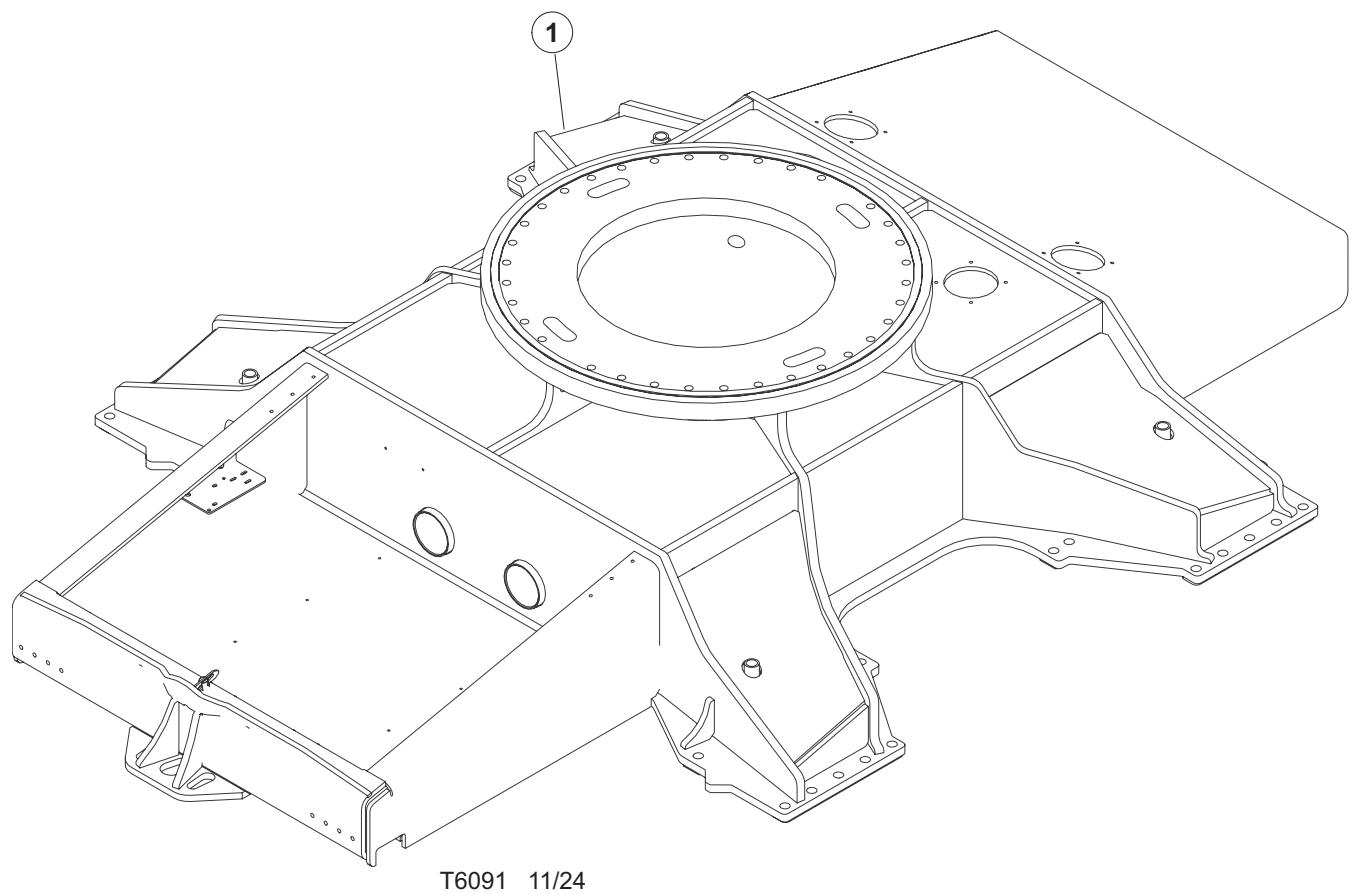
TRACK FRAME STEPS - (11 ROLLER) - (54 LINK TRACK) - (UP TO SN 1168)



REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	62785	4	STEP, TRACK FRAME SIDE (WELD ON)	
2	TF-10041	4	STEP, TRACK FRAME SIDE (WELD ON)	

NON-LEVELING TRACK FRAMES

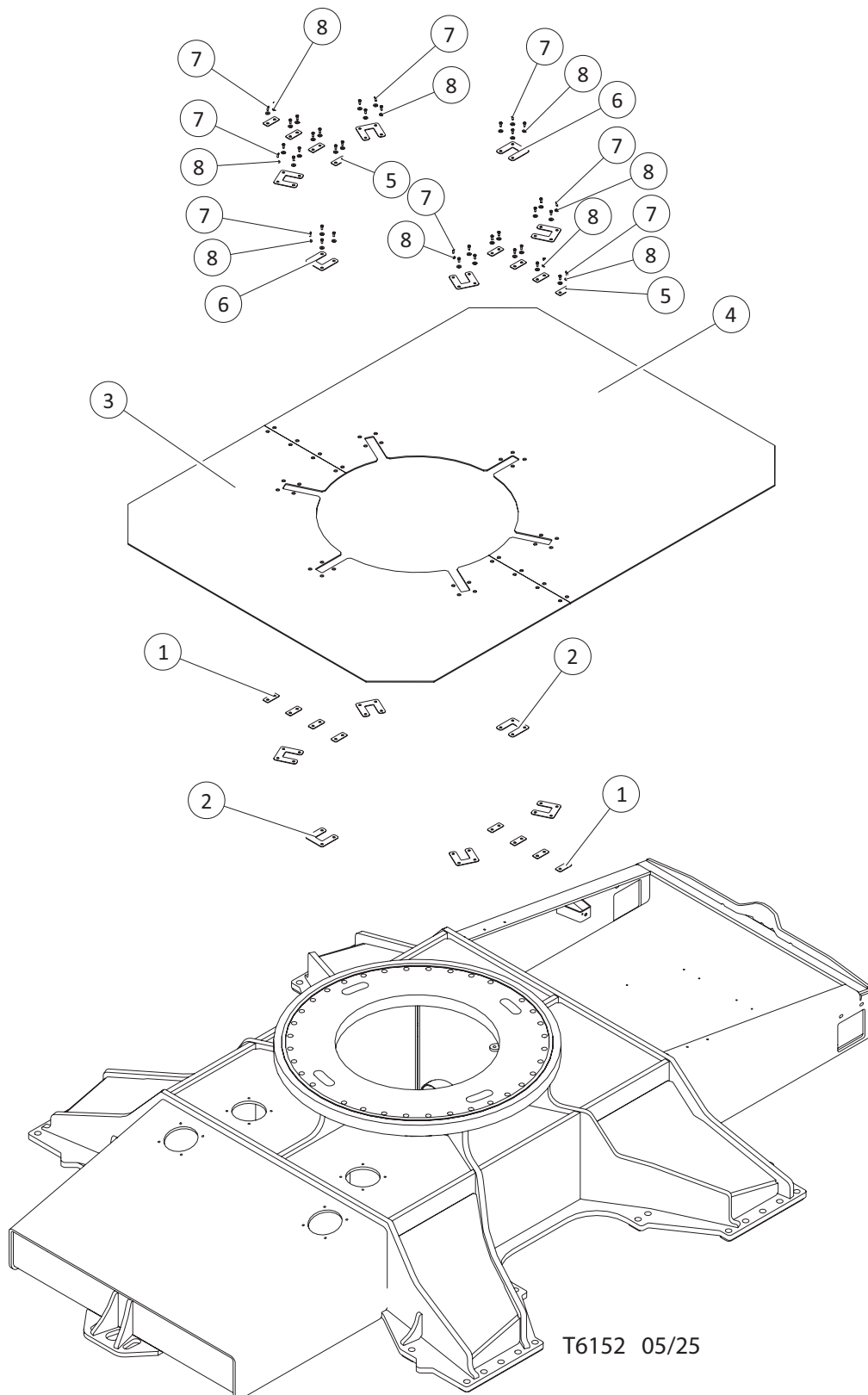
12 ROLLER CRAWLER BOX CARBODY - (SN. 1169 & 1180 ONLY)



REF	PART #	QTY	DESCRIPTION
1	62875	1	WELDMENT, TN-785 11'11" 12R

NON-LEVELING TRACK FRAMES

CARBODY DEBRIS DEFLECTOR



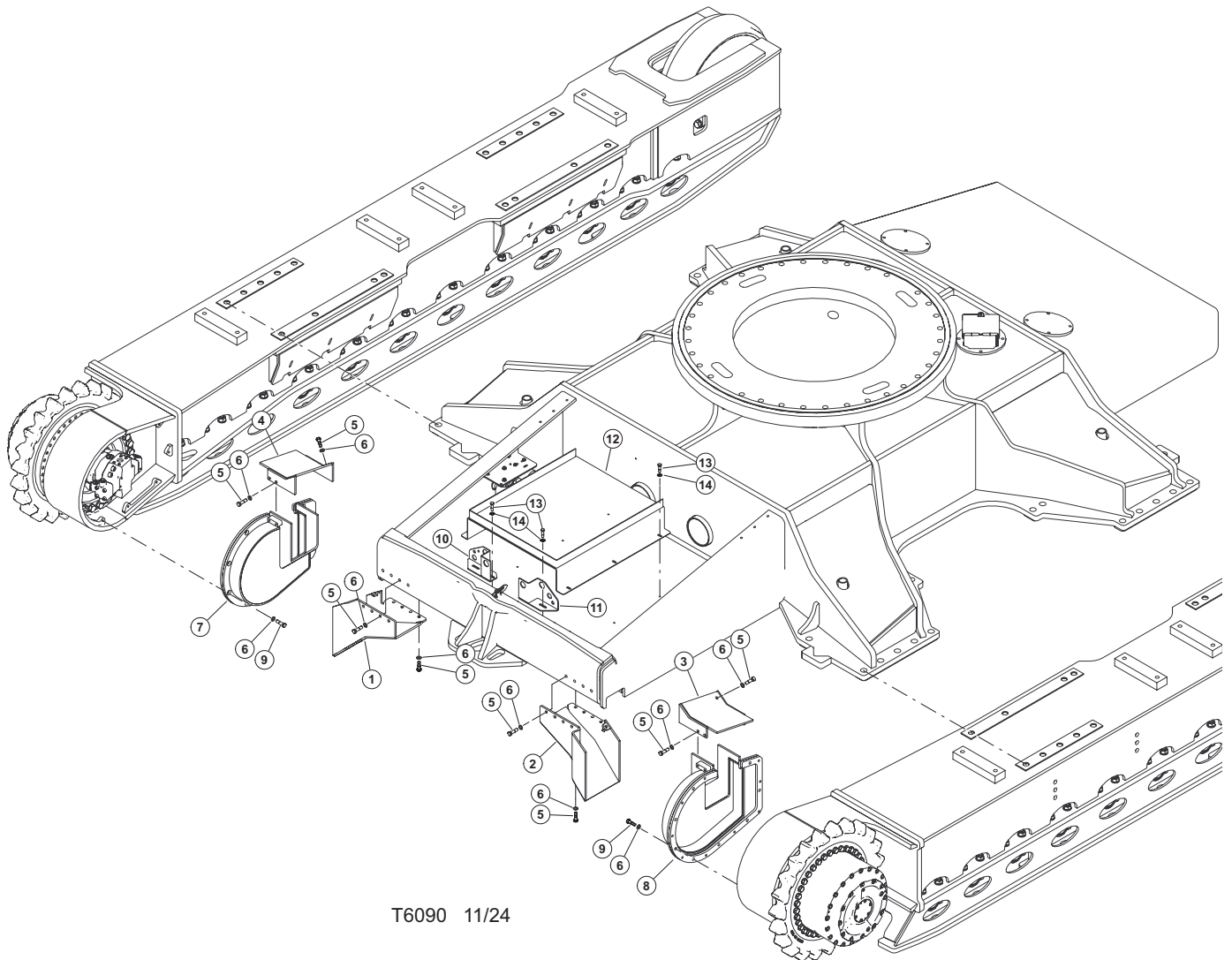
NON-LEVELING TRACK FRAMES

CARBODY DEBRIS DEFLECTOR

REF	PART #	QTY	DESCRIPTION
1	677790	8	PLATE, CARBODY COVER
2	677970	5	PLATE, MAT CORNER REINFORCEMENT
3	677390	1	SKIRTING, TN785 CARBODY
4	677900	1	SKIRTING, TN785 CARBODY TOOLBOX
5	677790	8	PLATE, CARBODY COVER
6	677970	6	PLATE, MAT CORNER REINFORCEMENT
7	15605	40	BOLT, HCS, 5/16-18 X .75 GR 9 ZINC
8	10801	40	WASHER, FLAT - .3125"

NON-LEVELING TRACK FRAMES

12 ROLLER CARBODY COVERS & CRAWLER BOX COVERS - (SN. 1169 & 1180 ONLY)



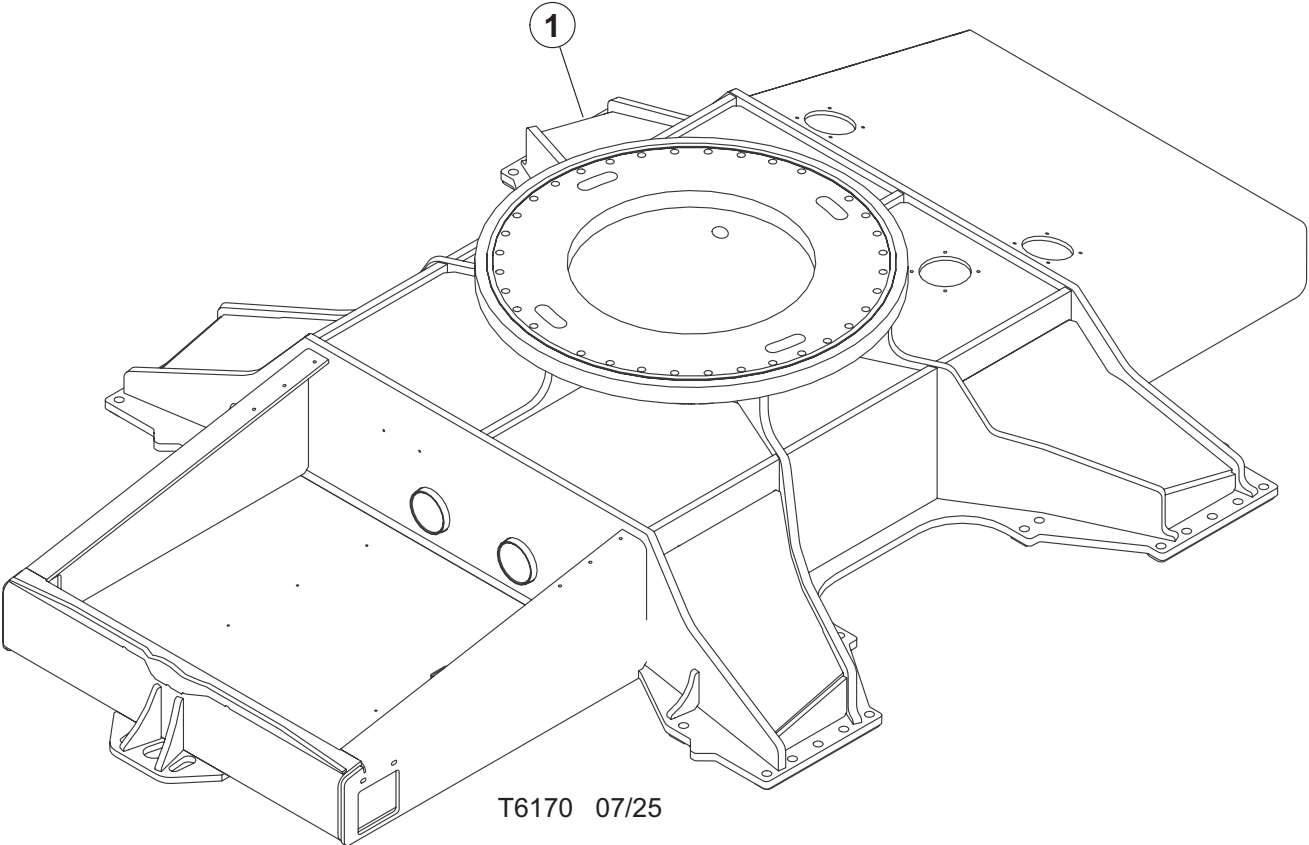
T6090 11/24

NON-LEVELING TRACK FRAMES

12 ROLLER CARBODY COVERS & CRAWLER BOX COVERS - (SN. 1169 & 1180)

REF	PART #	QTY	DESCRIPTION
1	62892	1	WELDMENT, TRACK CHUTE ASSY 12R LH
2	62881	1	WELDMENT, TRACK CHUTE ASSY 12R RH
3	62899	1	WELD, CHUTE TOP COVER 12R RH
4	62901	1	WELD, CHUTE TOP COVER 12R LH
5	65164	22	BOLT, HHCS M12-1.75 X 35MM 10.9 ZINC
6	18735	38	WASHER, FLAT - 12MM
7	TF-10616	1	WELD, FINAL DRIVE COVER 8.5P, 12R LH
8	TF-10615	1	WELD, FINAL DRIVE COVER 8.5P, 12R, RH
9	62909	16	BOLT, HHS, M12 X 1.75 X 45mm 10.9
10	53762	1	BULKHEAD, TRACK HOSE L.H.
11	53761	1	BULKHEAD, TRACK HOSE LRH.
12	62611	1	WELDMENT, LL HOSE TRAY
13	10402	10	BOLT - .375" X 1.25"
14	15528	10	WASHER, SAE FLAT - .375"

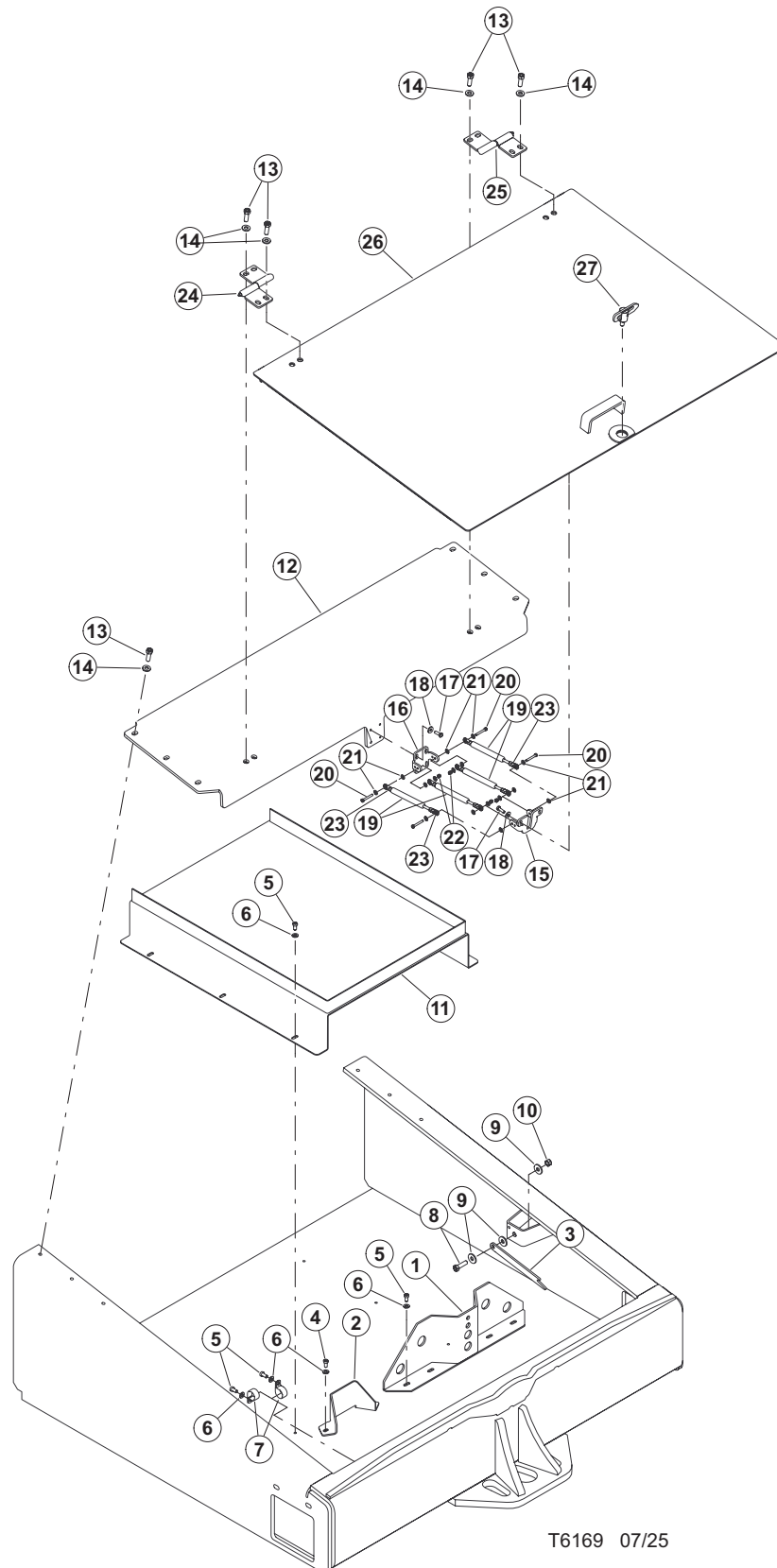
NON-LEVELING TRACK FRAMES
12 ROLLER CRAWLER BOX CARBODY - (SN. 1181 & FORWARD)



REF	PART #	QTY	DESCRIPTION
1	621800	1	WELDMENT, CARBODY, TN785, 11'11", 12R

NON-LEVELING TRACK FRAMES

CARBODY TRUNK COMPONENTS - (SN. 1181 & FORWARD)



T6169 07/25

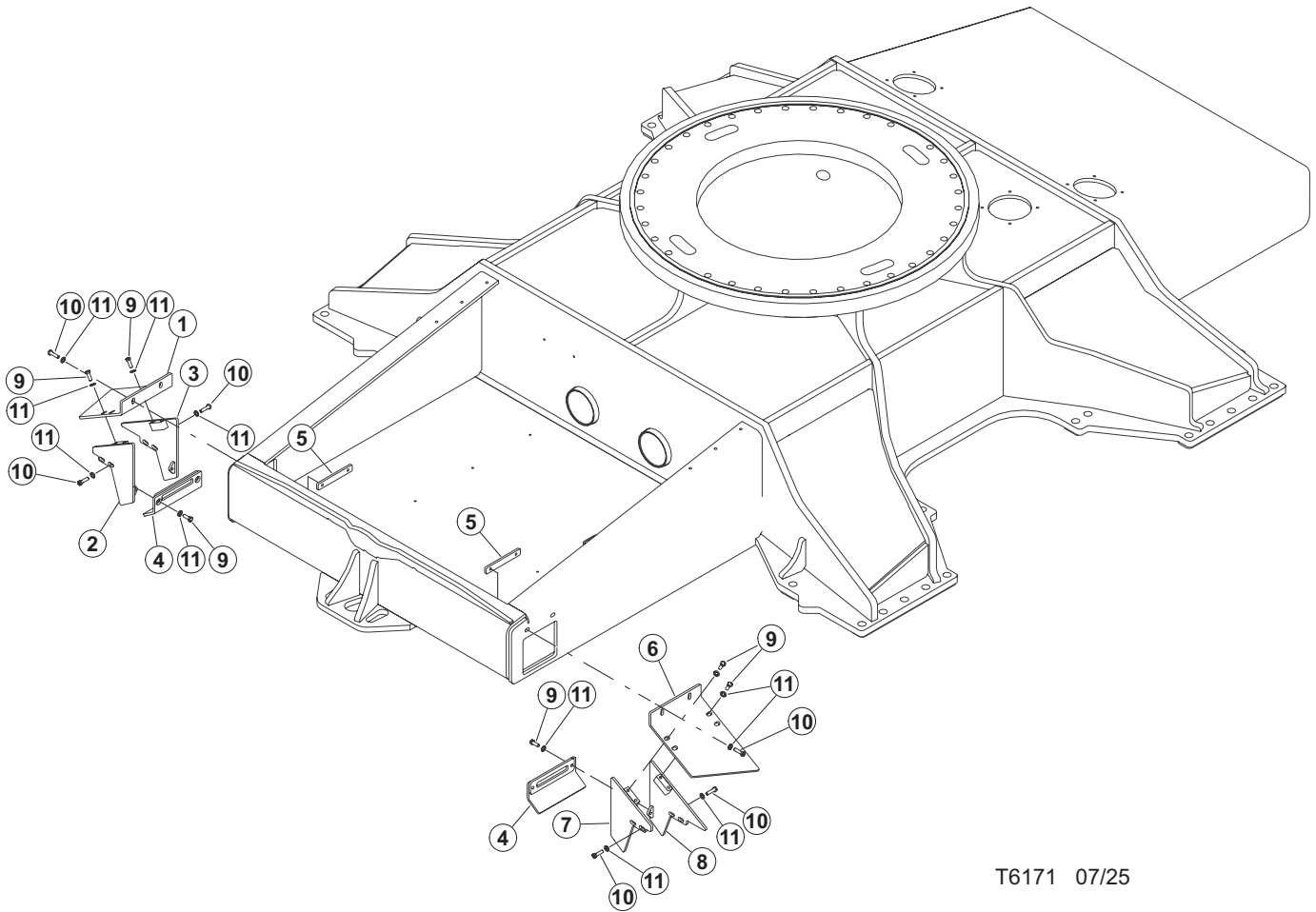
NON-LEVELING TRACK FRAMES

CARBODY TRUNK COMPONENTS - (SN. 1181 & FORWARD)

REF	PART #	QTY	DESCRIPTION
1	629180	1	WELDMENT, BULKHEAD, TRUNK, NL
2	672010	1	BRACKET, GUARD, FUEL FILTER
3	54060	1	ROD, PROP - LEVELING TRUNK-CURRENT
4	11707	2	BOLT - .375" X 1"
5	15542	10	BOLT - .375" X .75"
6	15528	14	WASHER, SAE FLAT - .375"
7	58382	2	CABLE CLAMP, CUSHIONED, 1_1/4" DIA
8	18933	1	BOLT - .5" X 1.75"
9	10804	3	WASHER, FLAT - .5"
10	10815	1	NUT, LOCK - .5"
11	626110	1	WELDMENT, LL HOSE TRAY
12	622680	1	WELDMENT, TRUNK LID EXTENSION
13	10739	22	BOLT - .5" X 1.5"
14	15534	14	WASHER, SAE FLAT - .5"
15	65327	1	BRACKET, TRUNK STRUT - UPPER
16	65326	1	BRACKET, TRUNK STRUT - LOWER
17	15589	4	BOLT - .3125" X 1"
18	10801	4	WASHER, FLAT - .3125"
19	57963	4	SHOCK, GAS - TRUNK LID
20	59132	2	BOLT - 6MM-1.0P X 45MM
21	10757	16	WASHER, SAE FLAT - .25"
22	16117	4	NUT, HEX - 6MM
23	54108	4	STUD, ROD END - GAS SPRING TRACK TRUNK
24	65530	1	HINGE ASSY, 2 BOLT, LH
25	65531	1	HINGE ASSY, 2 BOLT, RH
26	622710	1	LID, TRUNK, TN785
27	19771	1	LATCH, CAM - SHORT (PUMP GUARD)

NON-LEVELING TRACK FRAMES

CARBODY TRACK CHUTES - (SN. 1181 & FORWARD)

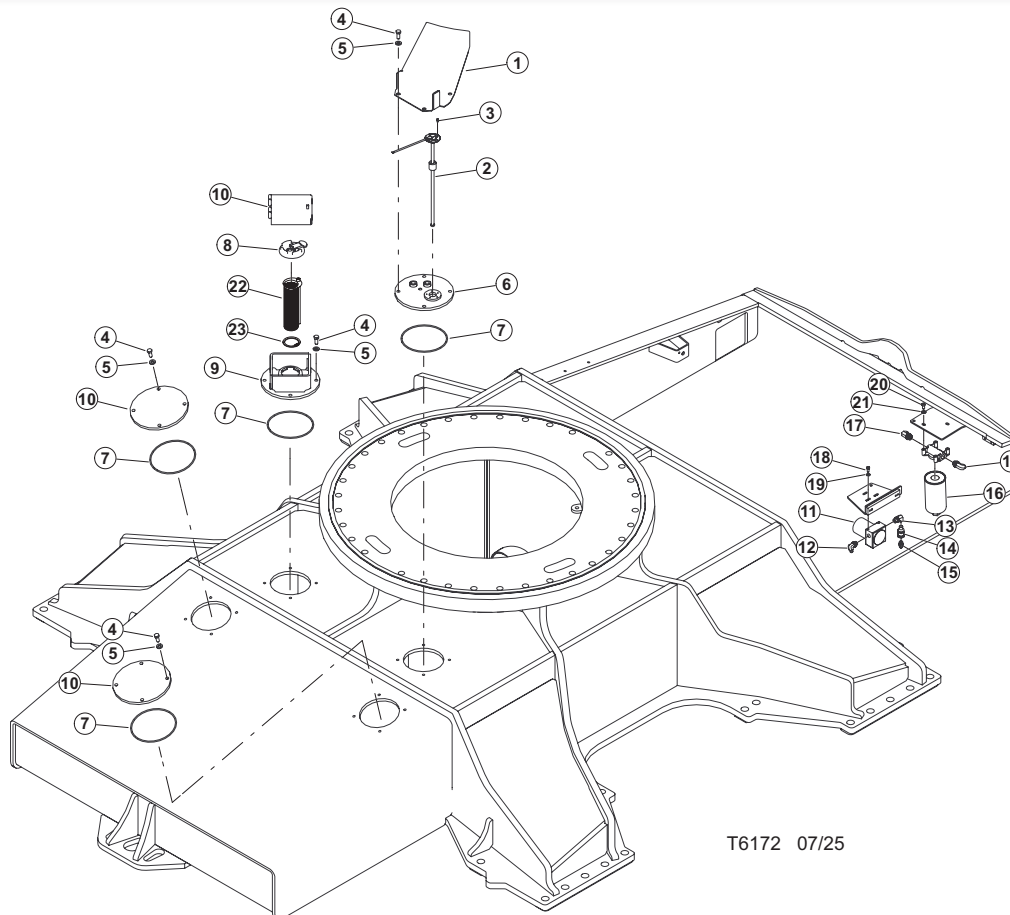


T6171 07/25

REF	PART #	QTY	DESCRIPTION
1	669680	1	PLATE,CHUTE TOP
2	669730	1	WELDMENT,CHUTE,RH
3	669710	1	WELDMENT,CHUTE,LH
4	668120	2	WELDMENT, NARROW CHUTE BOTTOM
5	669350	2	PLATE, TAPPED CHUTE BACK LONG
6	676590	1	PLATE,CHUTE TOP, LH
7	671110	1	WELDMENT,CHUTE,LH
8	671120	1	WELDMENT,CHUTE,LH
9	65164	12	BOLT, HHCS M12-1.75 X 35MM 10.9 ZINC
10	62909	12	BOLT, HHS, M12 X 1.75 X 45mm 10.9
11	18735	24	WASHER, FLAT - 12MM

NON-LEVELING TRACK FRAMES

CARBODY FUEL COMPONENTS - (SN. 1181 & FORWARD)

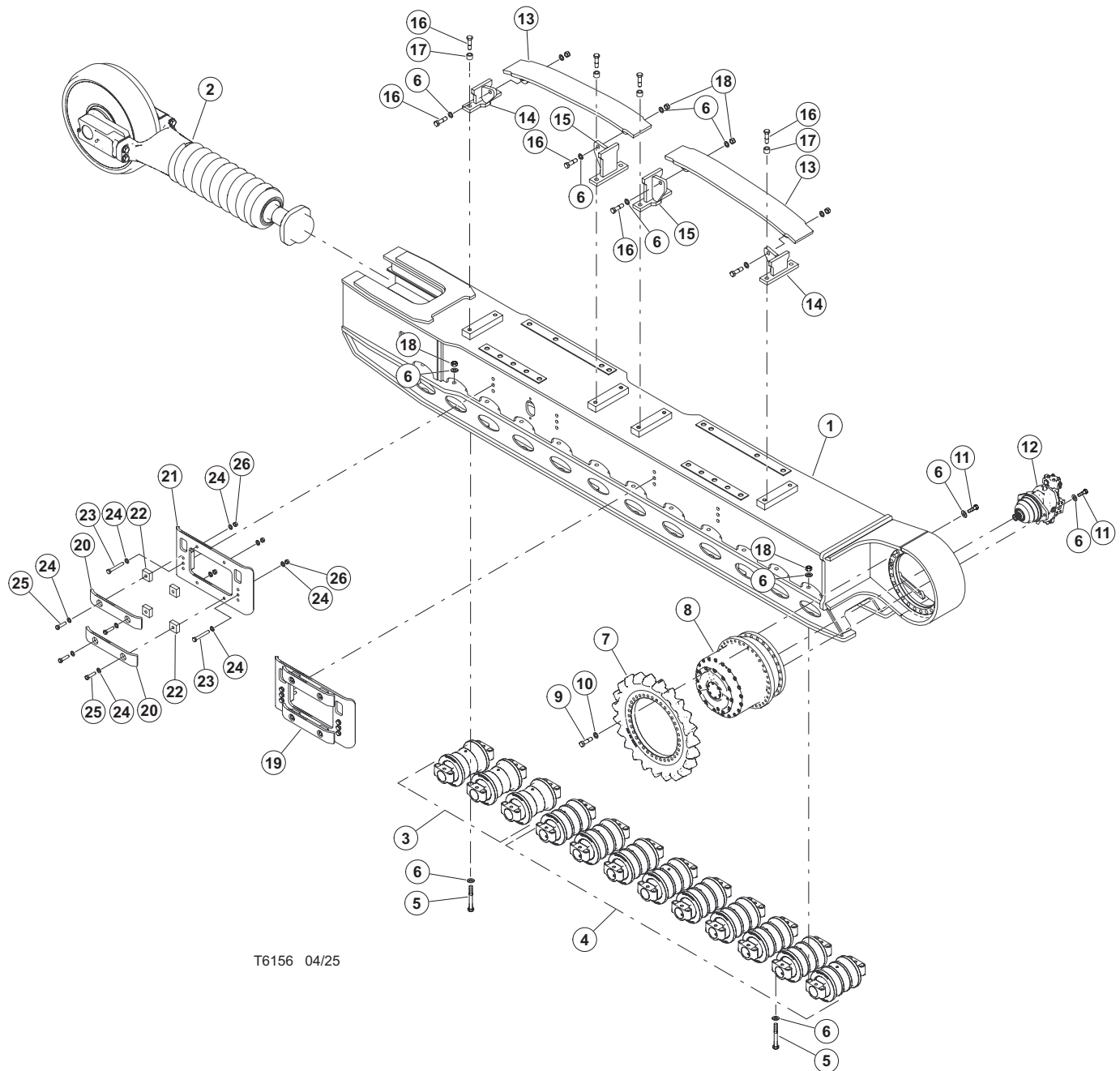


T6172 07/25

REF	PART #	QTY	DESCRIPTION
1	47908	1	GUARD, FUEL SENDER
2	57220	1	SENDER, FUEL LEVEL W/FLOAT
3	22862	5	SCREW, MACHINE - #10-24 X .5" (BUTTON)
4	50100	12	BOLT - .5" X 1.25"
5	15534	12	WASHER, SAE FLAT - .5"
6	47233	1	WELDMENT, ACCESS COVER W/SENDER
7	15600	3	O-RING - 8" DIA. -369
8	16585	1	CAP, FUEL
9	47605	1	COVER, LOCKING FUEL TANK
10	12250	2	COVER, ACCESS FUEL TANK
11	57784	1	PUMP, FUEL - AIR DOG
12	53103	1	FITTING, 6-8 - ORB-JIC 830-B
13	57824	1	FITTING, ELBOW FEMALE - RAPTOR FUEL PUMP
14	15652	1	VALVE, CHECK - HYDRAULIC/FUEL
15	16009	1	FITTING, 6 FTX-S PIPE-JIC
16	51751	1	FILTER, FUEL - 8"
17	53073	2	ELBOW, 90 6-JIC X 10-ORB
18	15589	2	BOLT - .3125" X 1"
19	15559	2	WASHER, SAE FLAT - .3125"
20	15542	2	BOLT - .375" X .75"
21	15528	2	WASHER, SAE FLAT - .375"
22	17114	1	STRAINER, FUEL SYSTEM
23	17115	1	RING, SNAP - FUEL STRAINER RETAINER

NON-LEVELING TRACK FRAMES

12 ROLLER LH CRAWLER BOX - (SN. 1169 & FORWARD)



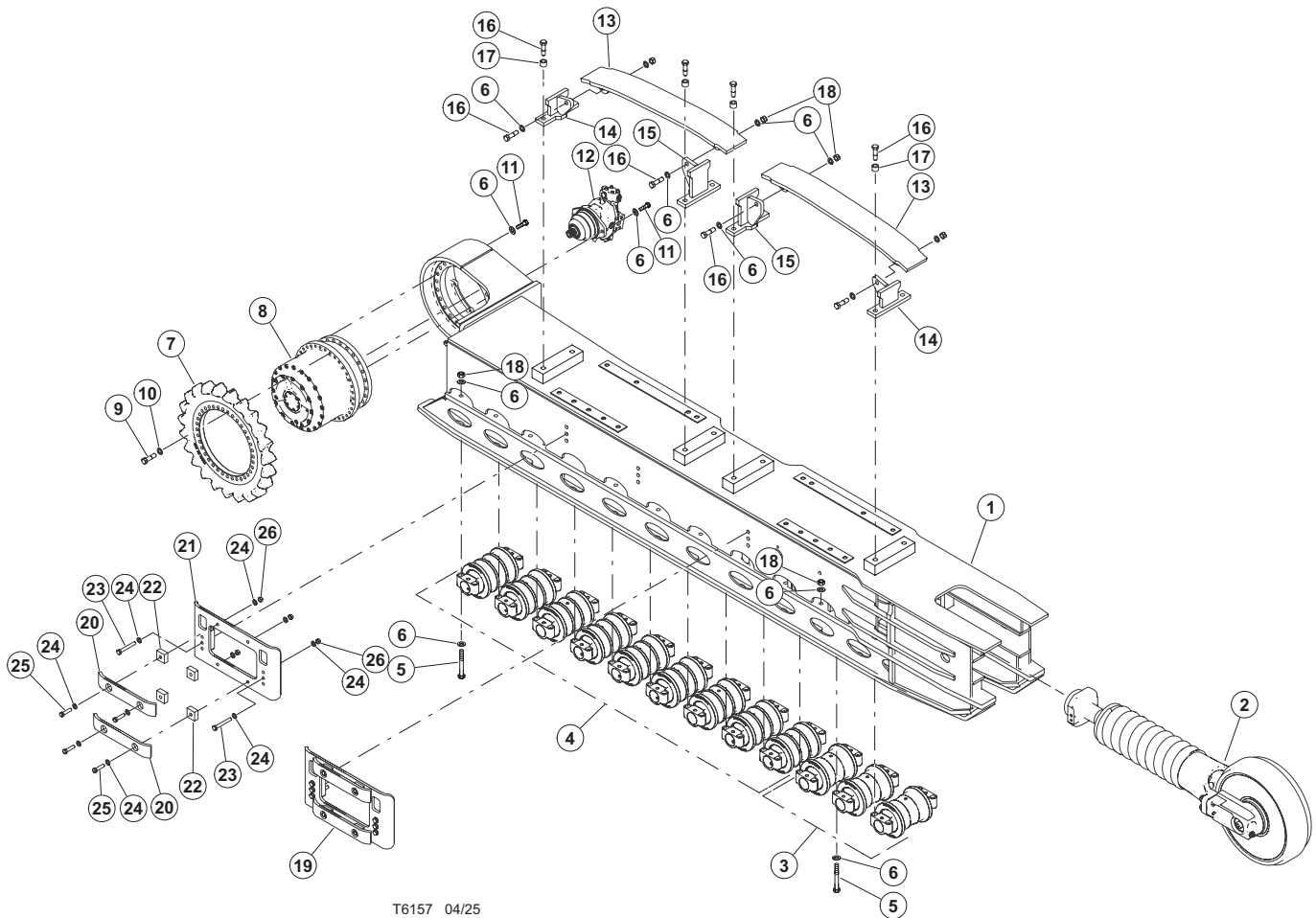
NON-LEVELING TRACK FRAMES

12 ROLLER LH CRAWLER BOX - (SN. 1169 & FORWARD)

REF	PART #	QTY	DESCRIPTION
1	TF-10485	1	ASSY TRACK FRAME 57L 12 RLR LH
2	58264	1	IDLER, FRONT ASSY - BERCO (D7)
3	58262	3	ROLLER, SINGLE FLANGE - BERCO (D7)
4	58263	9	ROLLER, DOUBLE FLANGE - BERCO (D7)
5	65185	48	BOLT, M24-3.0X140MM HHCS PART THRD 10.9
6	65470	58	WASHER, FLAT - 24MM
7	58265	1	SPROCKET, TRACK DRIVE - BERCO (D7)
8	58594	1	FINAL DRIVE GEARBOX - KOMATSU 785 LL
9	65297	36	BOLT, SPROCKET - BERCO
10	65469	36	WASHER, FLAT - 18MM
11	21383	2	BOLT - 20MM-3P X 80MM
12	68593	1	MOTOR, FINAL DRIVE 160CC - KOMATSU DRIVE
13	TF-10486	2	WELD, TRACK CHAIN SLIDER
14	TF-10556	2	WELD, SLIDER BASE.57L 12R SHRT
15	TF-10553	2	WELD,SLIDER BASE,57L 12R TALL
16	65158	12	BOLT, HHCS M24-3.0 X 90MM 10.9
17	53950	8	SPACER, TRACK SLIDER - 1.62" X 1"
18	65296	4	NUT, HEX, M24 X 3 CLASS 10.9 ZINC
19	2400690	2	TRACK STEP BOLT ON G., 785
20	682480	4	PLATE, STEP EXTENSION
21	681420	1	PLATE, TRACK FRAME SIDE STEP
22	682490	8	PLATE, STEP SPACER
23	20942	12	BOLT - 20MM-2.5P X 150MM
24	42110	28	WASHER, FLAT - 20MM
25	50396	8	BOLT - 20MM-2.5P X 80MM
26	65161	8	NUT, HEX M20-2.5 CLASS 10 ZINC

NON-LEVELING TRACK FRAMES

12 ROLLER RH CRAWLER BOX - (SN. 1169 & FORWARD)



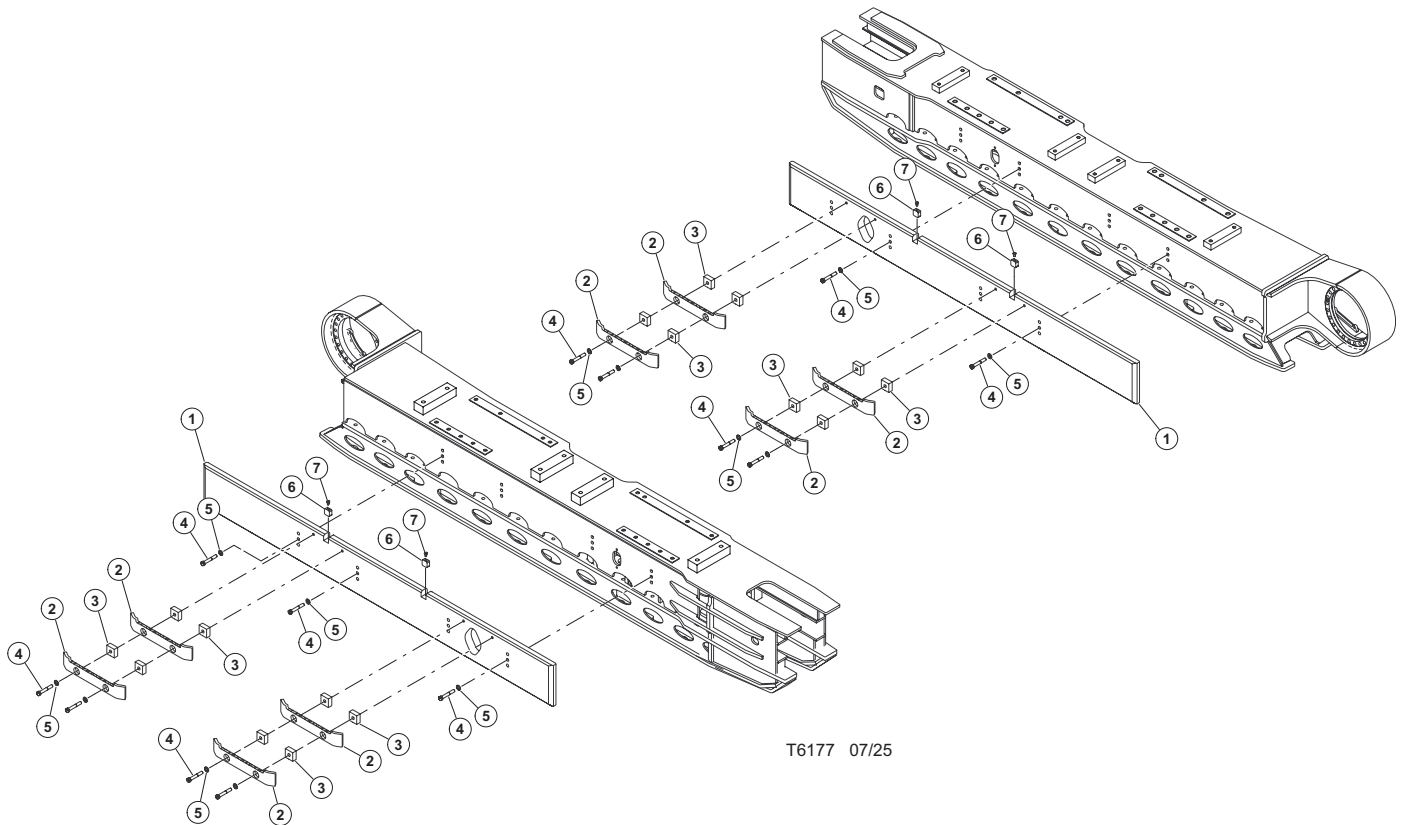
NON-LEVELING TRACK FRAMES

12 ROLLER RH CRAWLER BOX - (SN. 1169 & FORWARD)

REF	PART #	QTY	DESCRIPTION
1	TF-10405	1	ASSY TRACK FRAME 57L 12 RLR RH
2	58264	1	IDLER, FRONT ASSY - BERCO (D7)
3	58262	3	ROLLER, SINGLE FLANGE - BERCO (D7)
4	58263	9	ROLLER, DOUBLE FLANGE - BERCO (D7)
5	65185	48	BOLT, M24-3.0X140MM HHCS PART THRD 10.9
6	65470	58	WASHER, FLAT - 24MM
7	58265	1	SPROCKET, TRACK DRIVE - BERCO (D7)
8	58594	1	FINAL DRIVE GEARBOX - KOMATSU 785 LL
9	65297	36	BOLT, SPROCKET - BERCO
10	65469	36	WASHER, FLAT - 18MM
11	21383	2	BOLT - 20MM-3P X 80MM
12	68593	1	MOTOR, FINAL DRIVE 160CC - KOMATSU DRIVE
13	TF-10486	2	WELD, TRACK CHAIN SLIDER
14	TF-10556	2	WELD, SLIDER BASE.57L 12R SHRT
15	TF-10553	2	WELD,SLIDER BASE,57L 12R TALL
16	65158	12	BOLT, HHCS M24-3.0 X 90MM 10.9
17	53950	8	SPACER, TRACK SLIDER - 1.62" X 1"
18	65296	4	NUT, HEX, M24 X 3 CLASS 10.9 ZINC
19	2400690	2	TRACK STEP BOLT ON G., 785
20	682480	4	PLATE, STEP EXTENSION
21	681420	1	PLATE, TRACK FRAME SIDE STEP
22	682490	8	PLATE, STEP SPACER
23	20942	12	BOLT - 20MM-2.5P X 150MM
24	42110	28	WASHER, FLAT - 20MM
25	50396	8	BOLT - 20MM-2.5P X 80MM
26	65161	8	NUT, HEX M20-2.5 CLASS 10 ZINC

NON-LEVELING TRACK FRAMES

12 ROLLER CRAWLER BOX COUNTER WEIGHT - (SN. 1169 & FORWARD)

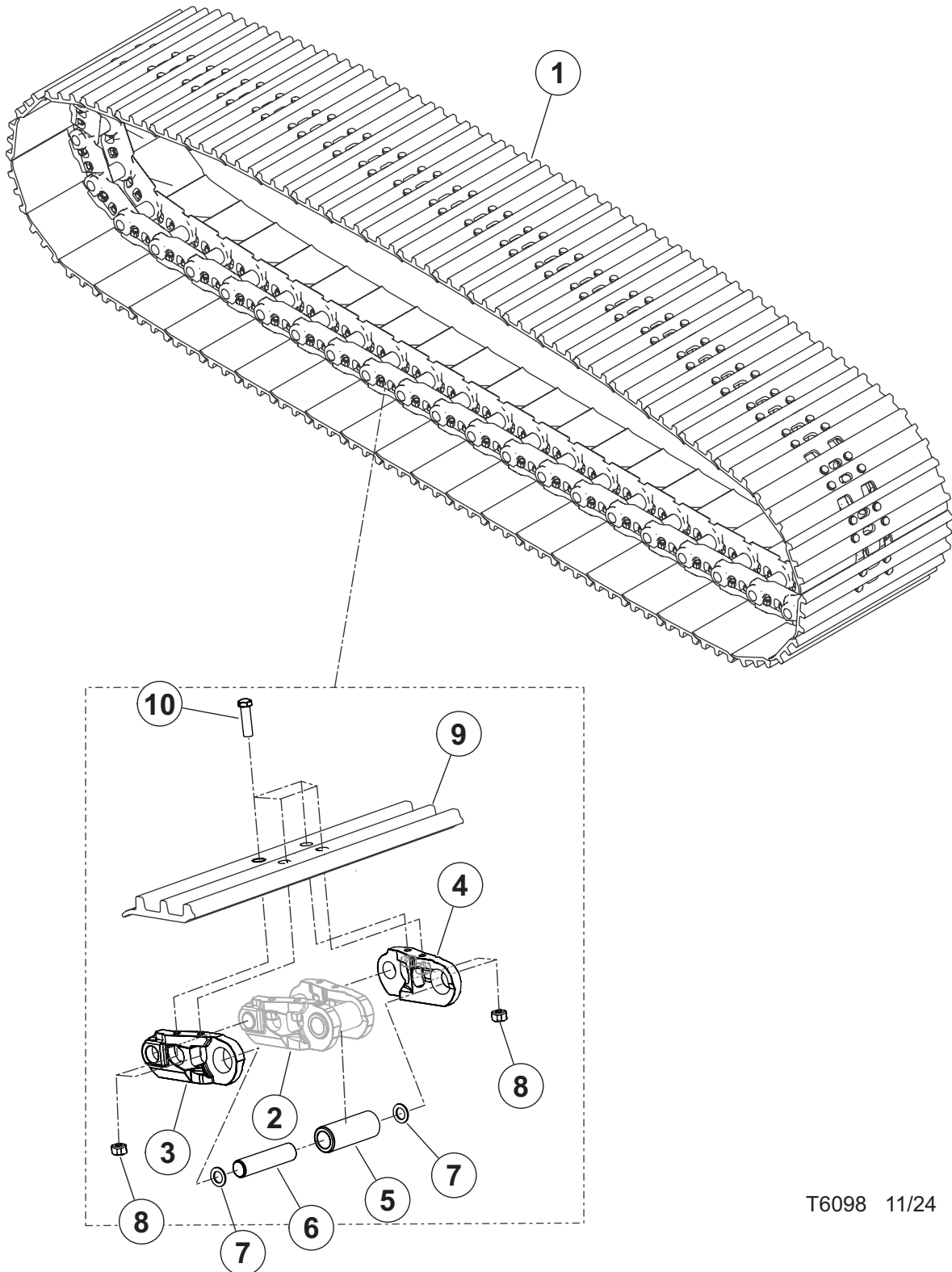


T6177 07/25

REF	PART #	QTY	DESCRIPTION
1	TF-10593	2	WELD, COUNTER WEIGHT 785 12R
2	TF-10604	8	PLATE, STEP EXTENSION
3	TF-10605	16	PLATE, STEP SPACER
4	65163	32	BOLT, HHS M20-2-5 X 130MM 10.9 ZINC
5	42110	32	WASHER, FLAT - 20MM
6	TF-10598	4	PLATE, WELD, TAPPED, 1/2-13
7	672200	4	BOLT, HHCS .5" X .75"

NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSEMBLY - 800 MM TRIPPLE GROUSER - (57 LINK) (SN. 1169-)



T6098 11/24

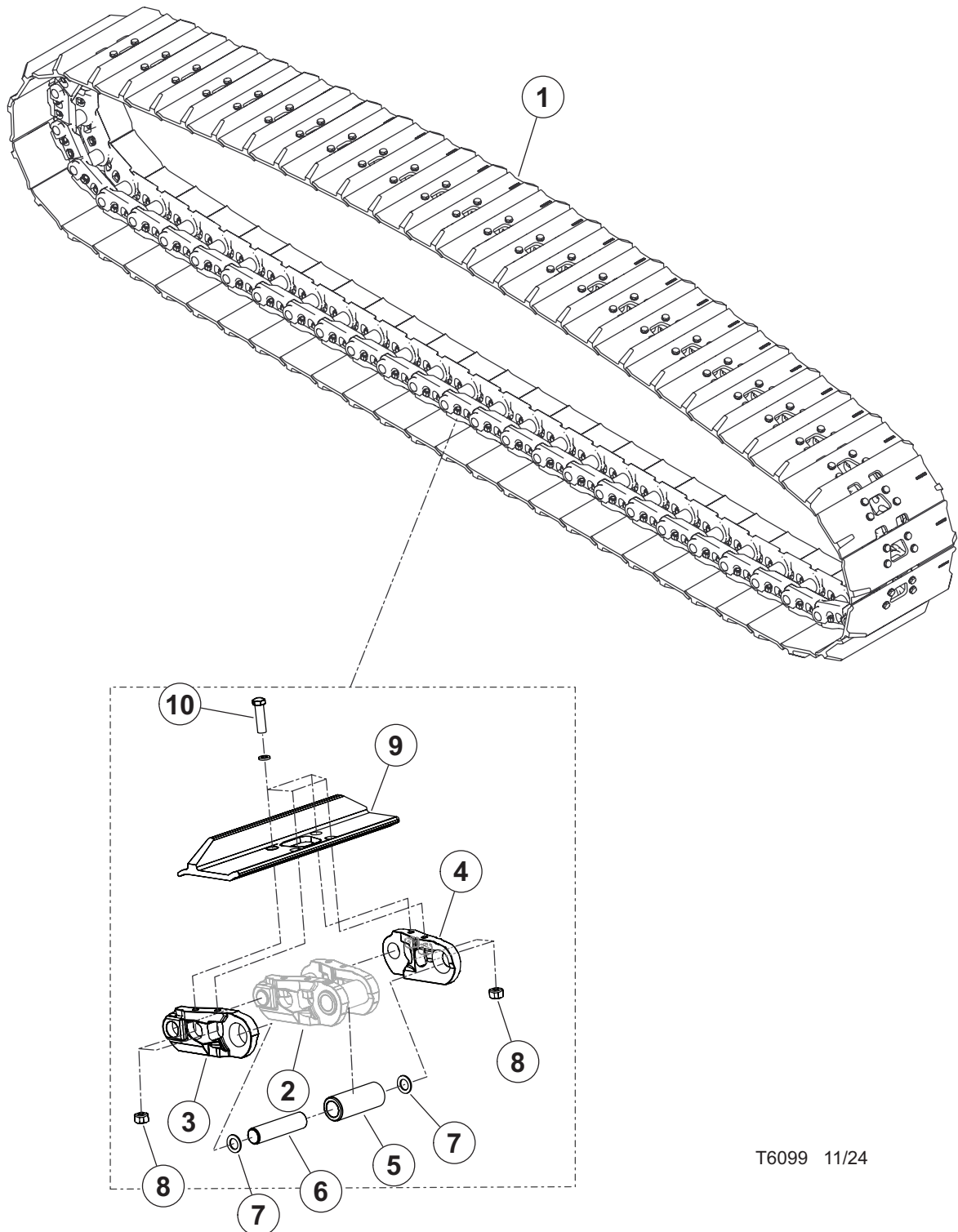
NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSEMBLY - 800 MM TRIPPLE GROUSER - (57 LINK) (SN. 1169-)

REF	PART #	QTY	DESCRIPTION
1	TF-10357	1	TRACK GROUP 57LK Triple 800MM
2	SI 930A	57	TRACK LINK ASSEMBLY
3	SI 650A	57	TRACK LINK - LH
4	SI 649A	57	TRACK LINK - RH
5	SI 877	56	BUSHING
	SI 607	1	MASTER BUSHING
6	SI 604	56	TRACK PIN
	SI 876	1	MASTER TRACK PIN
7	KM2339	114	SEAL
8	SI 652	228	TRACK NUT
9	SI 653	57	TRACK SHOE - 800 MM - (TRIPPLE)
10	SI 878	228	TRACK BOLT
	58638	1	LINK, TRACK REPLACEMENT - D7G COMPLETE
			INCLUDES -
		1	TRACK LINK RIGHT
		1	TRACK LINK LEFT
		1	TRACK BUSHING MASTER
		1	MASTER PIN COMPLETE

NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSEMBLY - 710 MM SINGLE GROUSER - (57 LINK) (SN. 1169-)



T6099 11/24

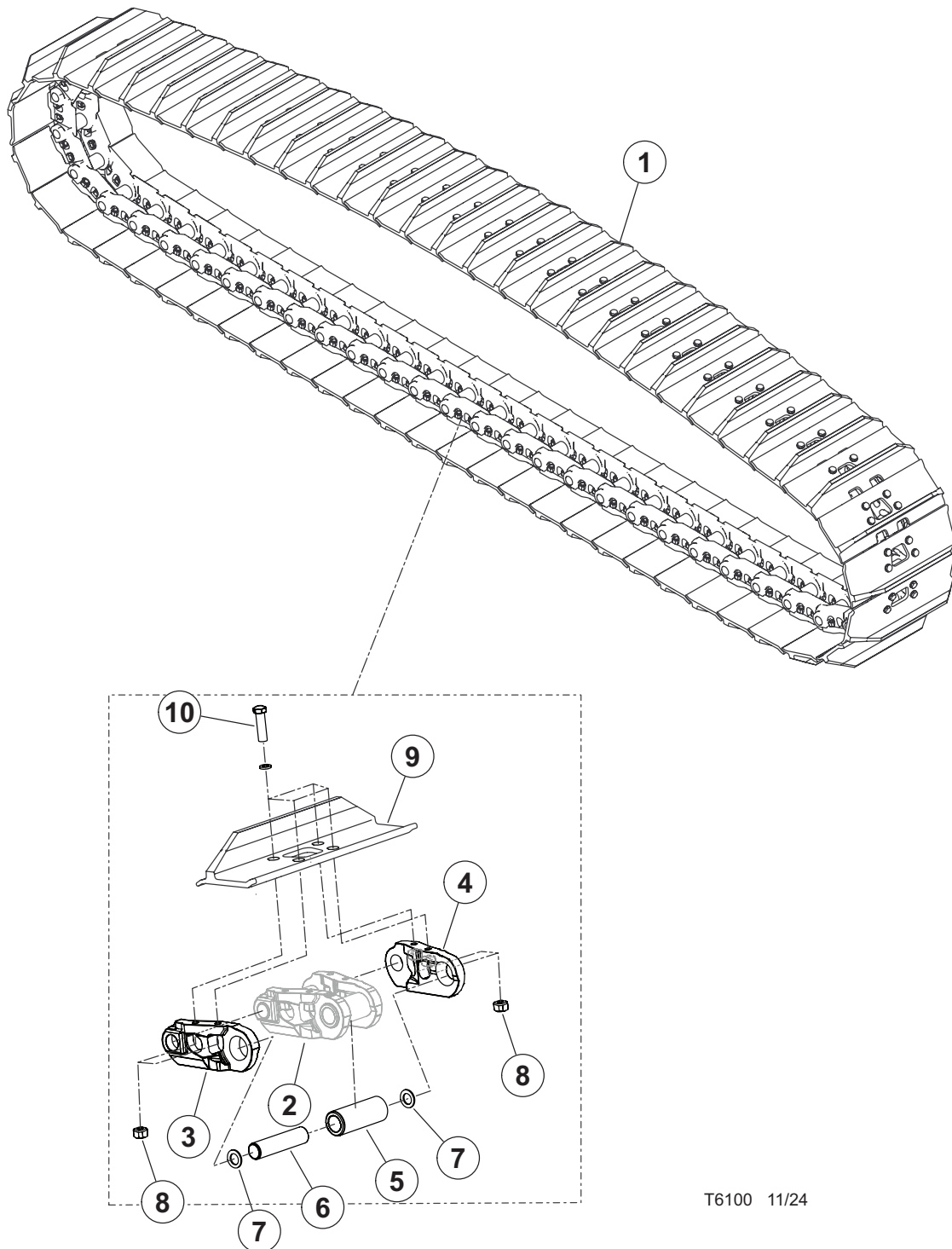
NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSEMBLY - 710 MM SINGLE GROUSER - (57 LINK) (SN. 1169-)

REF	PART #	QTY	DESCRIPTION
1	TF-10347	1	TRACK GROUP 57LK Single 710MM
2	SI 930A	57	TRACK LINK ASSEMBLY
3	SI 650A	57	TRACK LINK - LH
4	SI 649A	57	TRACK LINK - RH
5	SI 877	56	BUSHING
	SI 607	1	MASTER BUSHING
6	SI 604	56	TRACK PIN
	SI 876	1	MASTER TRACK PIN
7	KM2339	114	SEAL
8	SI 652	228	TRACK NUT
9	KM2230 710	57	TRACK SHOE - 710 MM - (SINGLE)
10	SI 878	228	TRACK BOLT
	58638	1	LINK, TRACK REPLACEMENT - D7G COMPLETE
			INCLUDES -
		1	TRACK LINK RIGHT
		1	TRACK LINK LEFT
		1	TRACK BUSHING MASTER
		1	MASTER PIN COMPLETE

NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSY - 710 MM SINGLE GROUSER (EXTREME)-(57 LINK) (SN. 1169-)



T6100 11/24

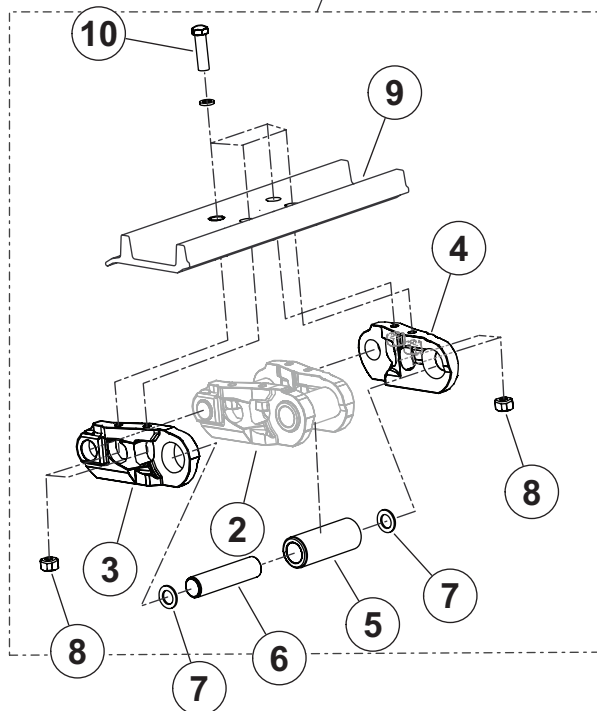
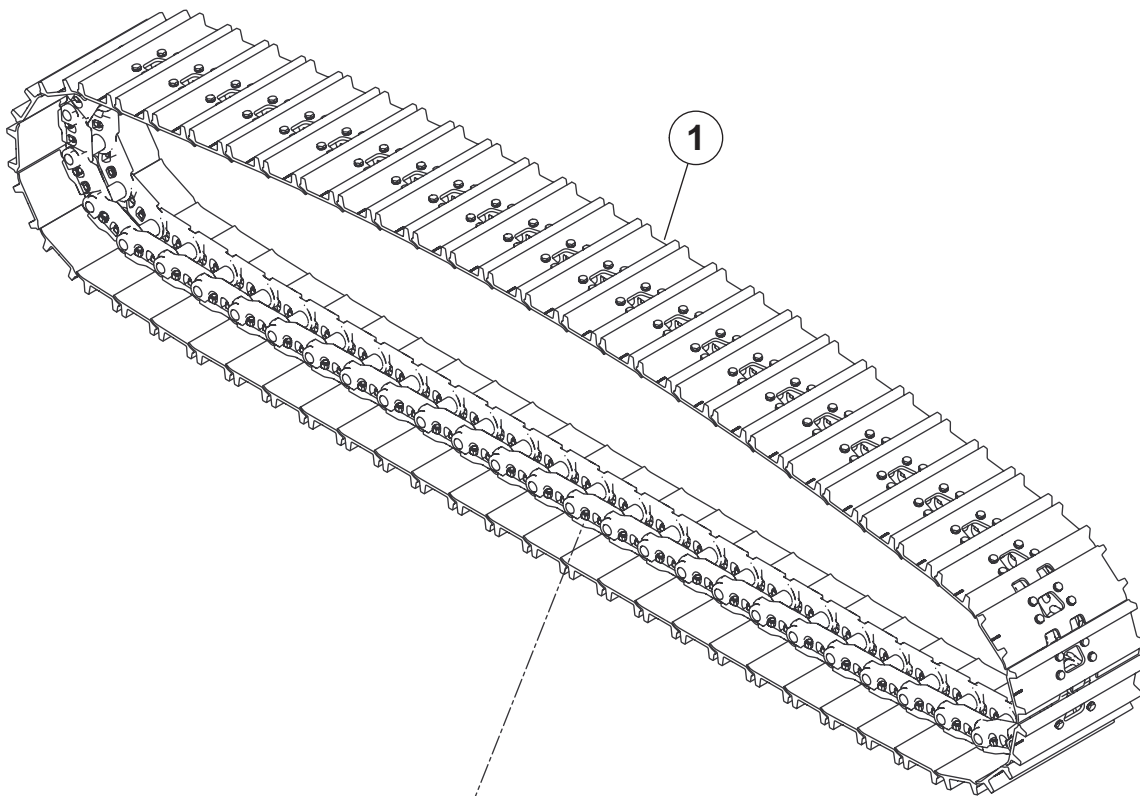
NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSY - 710 MM SINGLE GROUSER (EXTREME)-(57 LINK) (SN. 1169-)

REF	PART #	QTY	DESCRIPTION
1	TF-10348	1	TRACK GROUP 57LK SINGLE 710MM EXTREME
2	SI 930A	57	TRACK LINK ASSEMBLY
3	SI 650A	57	TRACK LINK - LH
4	SI 649A	57	TRACK LINK - RH
5	SI 877	56	BUSHING
	SI 607	1	MASTER BUSHING
6	SI 604	56	TRACK PIN
	SI 876	1	MASTER TRACK PIN
7	KM2339	114	SEAL
8	SI 652	228	TRACK NUT
9	SH0028A-000-00	57	TRACK SHOE - 710 MM SINGLE - (EXTREME)
10	SI 878	228	TRACK BOLT
	58638	1	LINK, TRACK REPLACEMENT - D7G COMPLETE
			INCLUDES -
		1	TRACK LINK RIGHT
		1	TRACK LINK LEFT
		1	TRACK BUSHING MASTER
		1	MASTER PIN COMPLETE

NON-LEVELING TRACK FRAMES

TRACK CHAIN ASSEMBLY - 700 MM DOUBLE GROUSER - (57 LINK) (SN. 1169-)



T6101 11/24

NON-LEVELING TRACK FRAMES

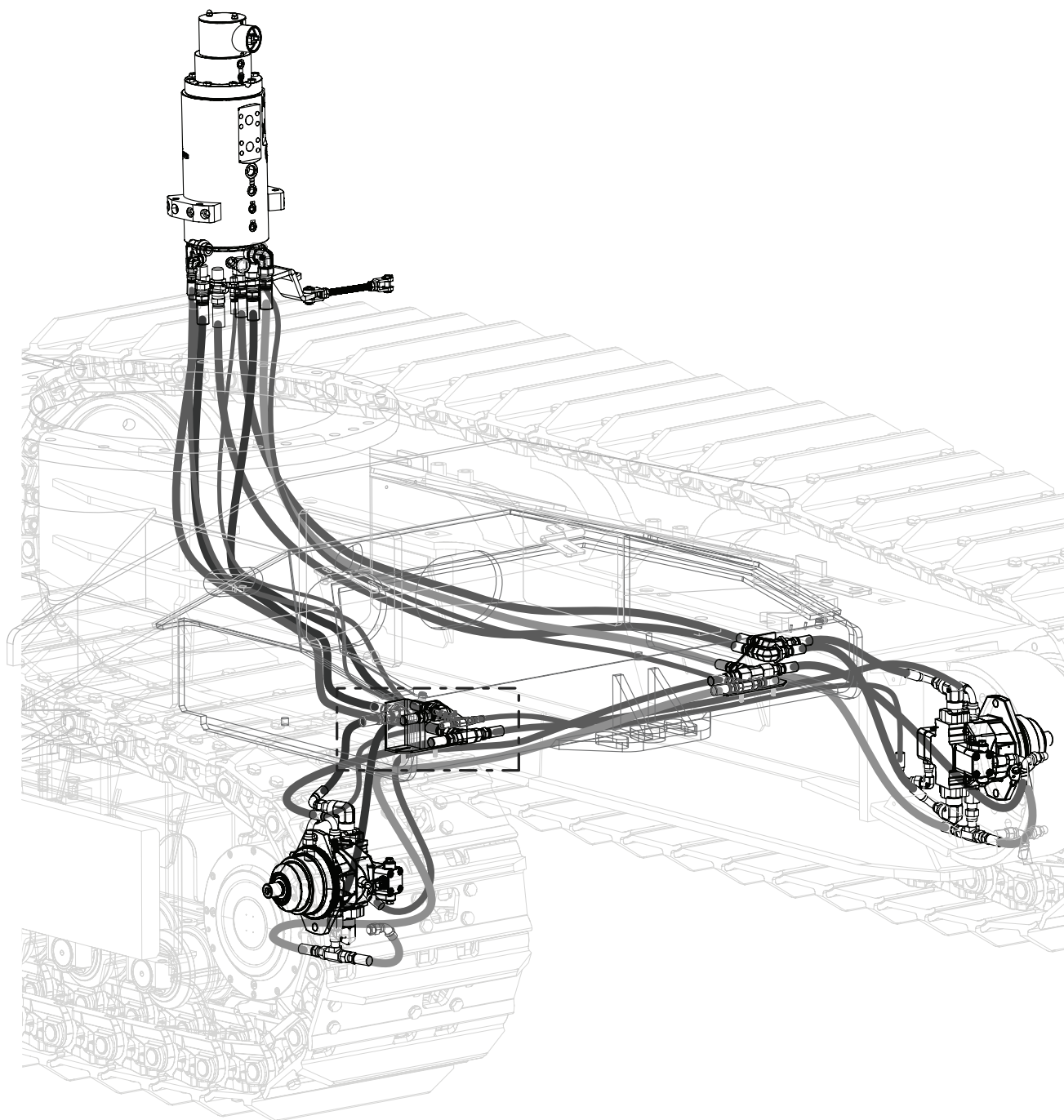
TRACK CHAIN ASSEMBLY - 700 MM DOUBLE GROUSER - (57 LINK) (SN. 1169-)

REF	PART #	QTY	DESCRIPTION
1	TF-10342	1	TRACK GROUP 57LK SINGLE 710MM EXTREME
2	SI 930A	57	TRACK LINK ASSEMBLY
3	SI 650A	57	TRACK LINK - LH
4	SI 649A	57	TRACK LINK - RH
5	SI 877	56	BUSHING
	SI 607	1	MASTER BUSHING
6	SI 604	56	TRACK PIN
	SI 876	1	MASTER TRACK PIN
7	KM2339	114	SEAL
8	SI 652	228	TRACK NUT
9	KM2447 700	57	TRACK SHOE - 710 MM DOUBLE
10	SI 878	228	TRACK BOLT
	58638	1	LINK, TRACK REPLACEMENT - D7G COMPLETE INCLUDES -
		1	TRACK LINK RIGHT
		1	TRACK LINK LEFT
		1	TRACK BUSHING MASTER
		1	MASTER PIN COMPLETE

[illegible]

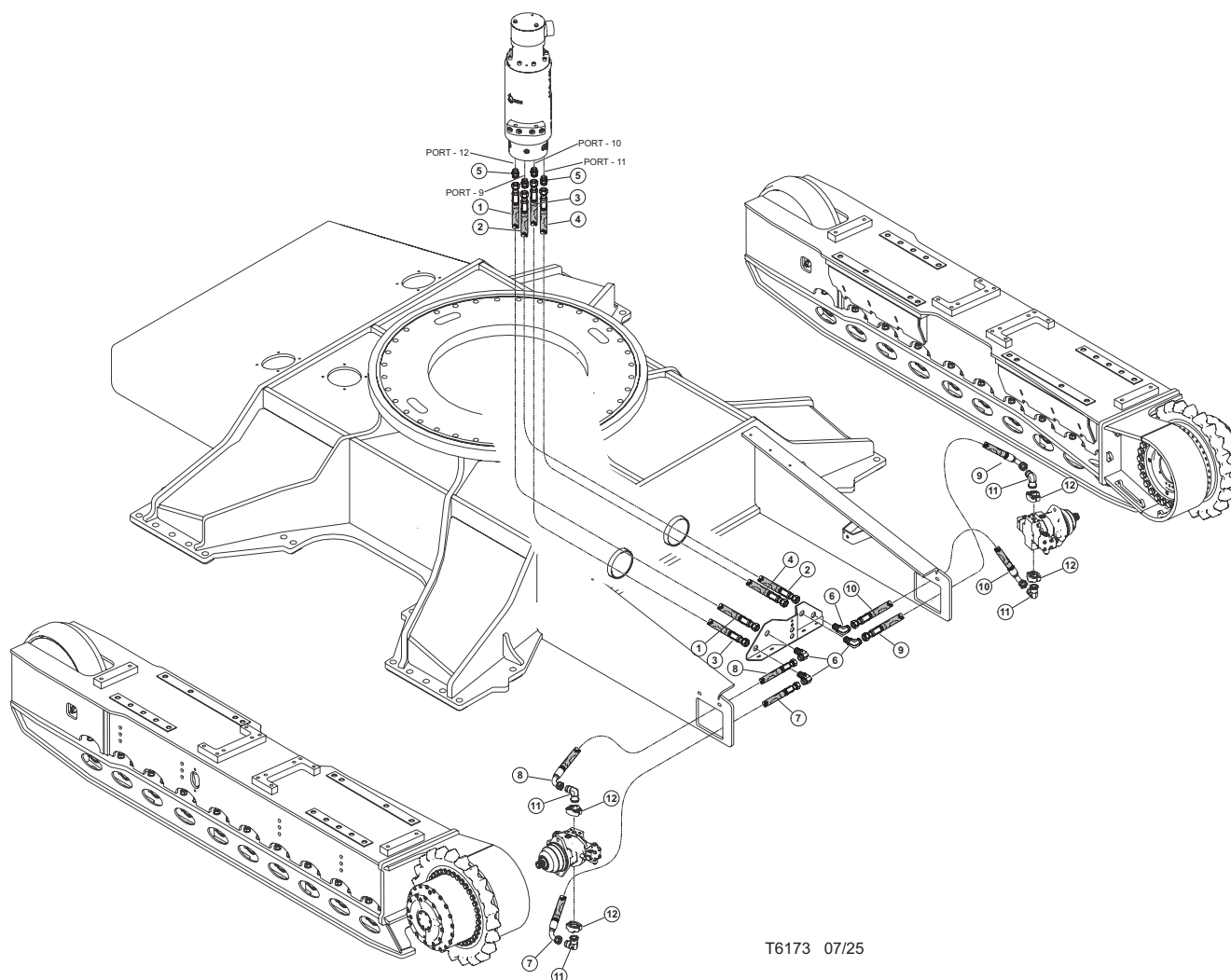
SECTION NV-2

NON-LEVELING TRACK FRAME HYDRAULICS



DRIVE MOTOR HYDRAULICS

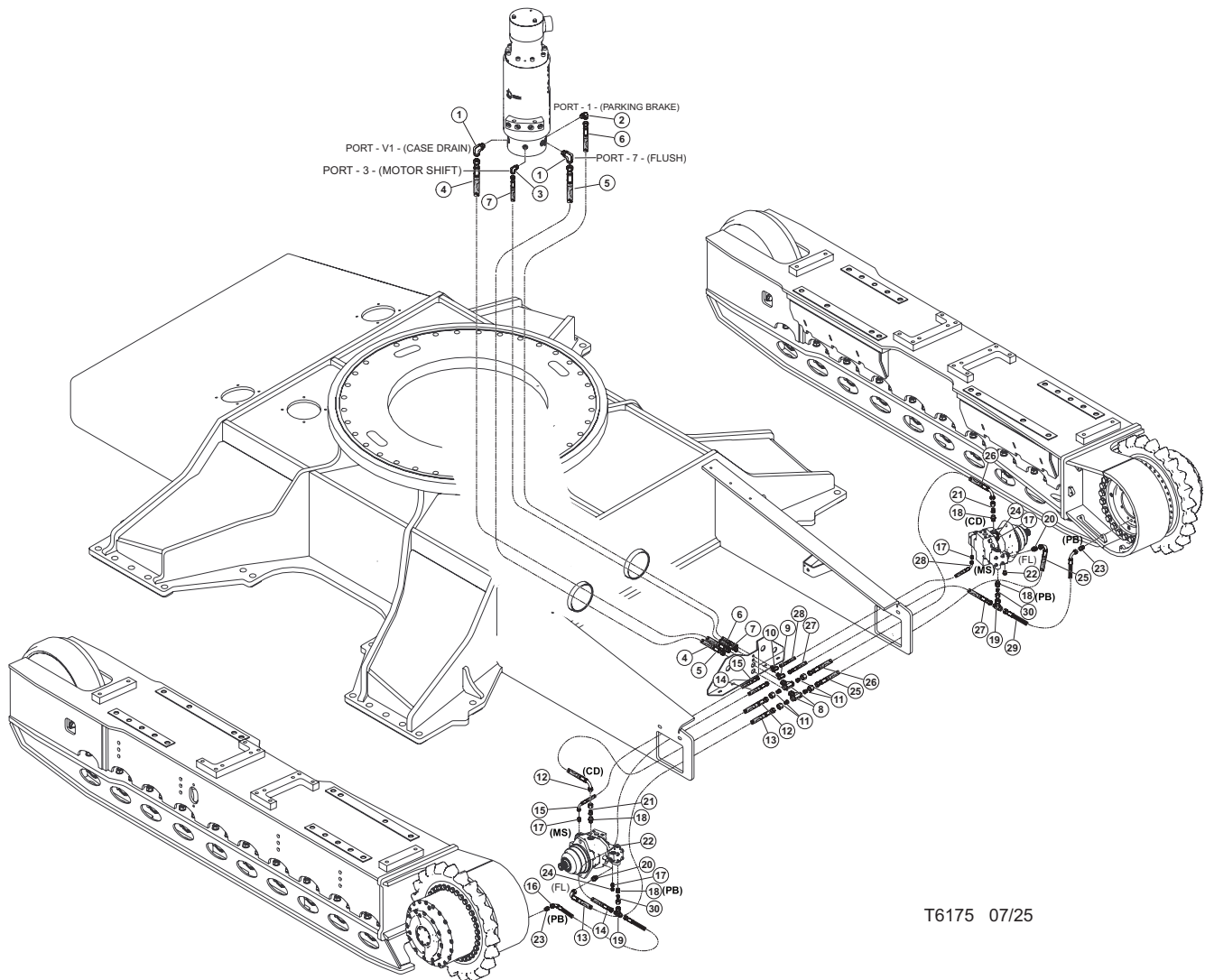
12 ROLLER TRACK FRAMES - (SN. 1181 & FORWARD)



Item	Part #	Description	Qty.
	(CALL)	KIT, HOSE, (DRIVE, 160cc, NL, 10 ROLLER)	1
	674900	KIT, HYD FITTING, CARBODY, NL	1
	57507	KIT, FITTING, CAR BODY	
1	675970	HOSE, HYD, 797TC87 16-16OS-16OS-SW - RM12 - BH TOP LH BULKHEAD	1
2	675950	HOSE, HYD, 797TC83 16-16OS-16OS-SW - RM9 - BH BOTTOM RH BULKHEAD	1
3	675950	HOSE, HYD, 797TC83 16-16OS-16OS-SW - RM10 - BH BOTTOM LH BULKHEAD	1
4	675960	HOSE, HYD, 797TC84 16-16OS-16OS-SW - RM11 - BH TOP RH BULKHEAD	1
5	15225	CONNECTOR, STR - FF1852T-1616S	4
6	53680	FITTING, BULKHEAD UNION ELBOW 16 WELO-WN	4
7	(CALL)	HOSE, HYD - BULKHEAD - DRIVE MOTOR, BTM, LH	1
8	(CALL)	HOSE, HYD - BULKHEAD - DRIVE MOTOR, TOP, LH	1
9	(CALL)	HOSE, HYD - BULKHEAD - DRIVE MOTOR, TOP, RH	1
10	(CALL)	HOSE, HYD - BULKHEAD - DRIVE MOTOR, BTM, RH	1
11	50470	ELBOW, 90 - 849-TT0-16X20	4
12	58360	CONNECTOR, FLANGE PAD-W48-20-20U-M14 BLK	4

DRIVE MOTOR HYDRAULICS

12 ROLLER TRACK FRAMES - (SN. 1181 & FORWARD)



T6175 07/25

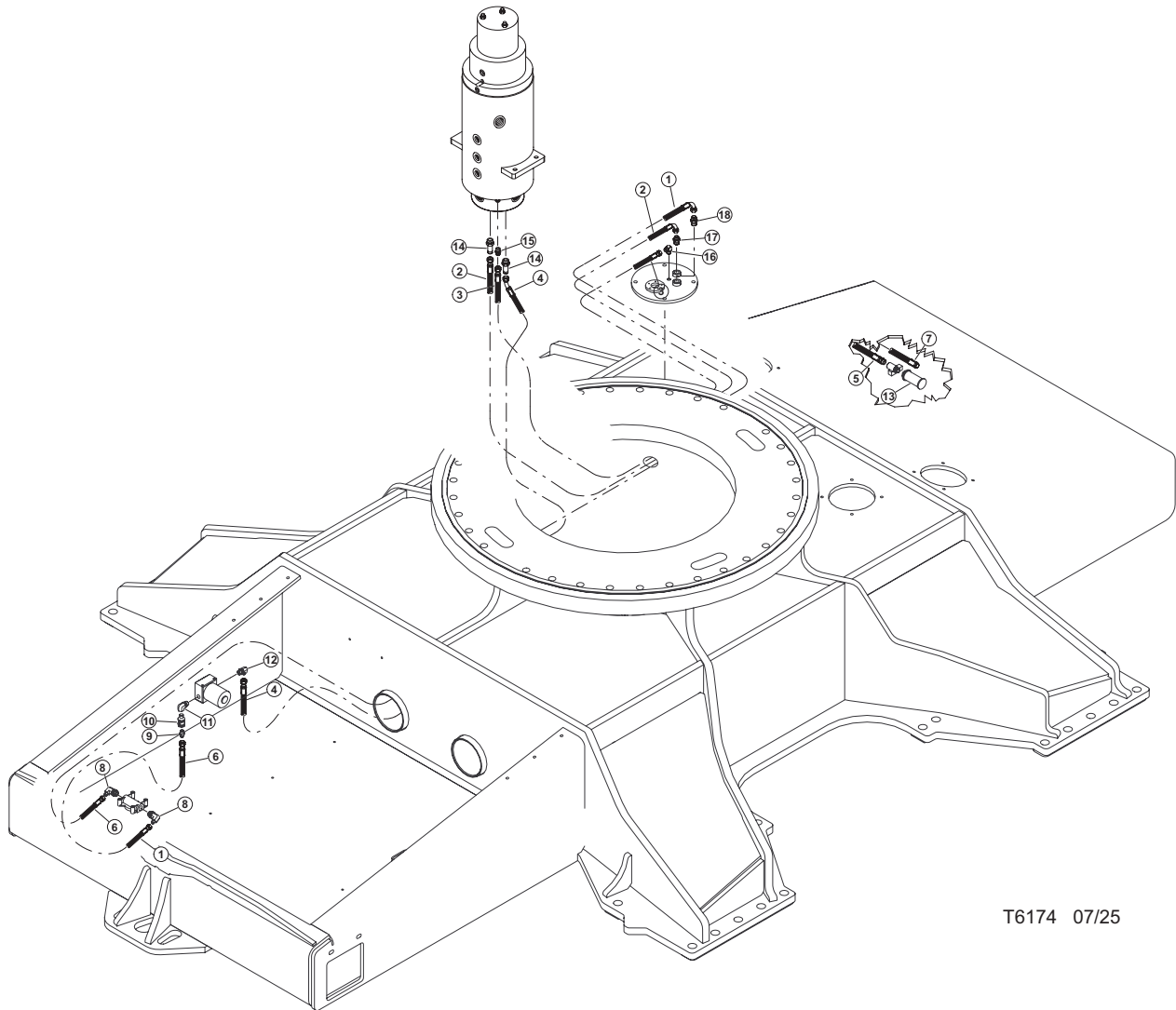
DRIVE MOTOR HYDRAULICS

12 ROLLER TRACK FRAMES - (SN. 1181 & FORWARD)

Item	Part #	Description	Qty.
	(CALL)	KIT, HOSE, (DRIVE - ??)	1
	674900	KIT, HYD FITTING, CARBODY, NL	1
	57507	KIT, FITTING TL CAR BODY	1
1	17688	ELBOW, 90 - FF1868T-1212S	2
2	16296	ELBOW, 90 - FF1868T-0606S	1
3	15133	ELBOW, 90 - FF1868T-0406S	1
4	675940	HOSE, HYD, 187TC100 12-12OS-12OS-W - RM V1 - BH Case	1
5	675930	HOSE, HYD, 187TC90 12-12OS-12OS-W - RM7 - BH Flush	1
6	65796	HOSE, HYD, 387TC91 06-06OS-06OS-W - RM1 - BH Brake	1
7	675920	HOSE, HYD, 387TC91 04-04OS-04OS-W - RM3 - BH Shift	1
8	53192	FITTING, BULKHEAD BRANCH TEE- 12 WJLO-WL	2
9	52902	TEE, BULKHEAD BRANCH - 6	1
10	52901	TEE, BULKHEAD BRANCH - 4	1
11	18581	CONNECTOR, REDUCER - ORS FF2281T-0812S	4
12	(CALL)	HOSE, HYD,	1
13	(CALL)	HOSE, HYD,	1
14	(CALL)	HOSE, HYD,	3
15	(CALL)	HOSE, HYD,	1
16	(CALL)	HOSE, HYD,	1
17	53157	FITTING, CONNECTOR - #4 ORF - 14MM	4
18	57506	FITTING, METRIC 12M27F82EDMLOS	4
19	52900	SWIVEL, NUT BRANCH TEE #6	2
20	57504	FITTING, METRIC 8M22F87OMLOS	2
21	18581	CONNECTOR, REDUCER - ORS FF2281T-0812S	2
22	58587	PLUG, 3/8 PIPE HEX HEAD BRASS	2
23	53124	FITTING, MALE CONNECTOR ISO 6149	2
24	15435	CAP - FF9863-04S	2
25	(CALL)	HOSE, HYD	1
26	(CALL)	HOSE, HYD	1
27	(CALL)	HOSE, HYD	1
28	(CALL)	HOSE, HYD	1
29	(CALL)	HOSE, HYD	1
30	57484	FITTING, 12-6 TRLON	2

CARBODY FUEL HOSES

12 ROLLER TRACK FRAMES - (SN. 1181 & FORWARD)

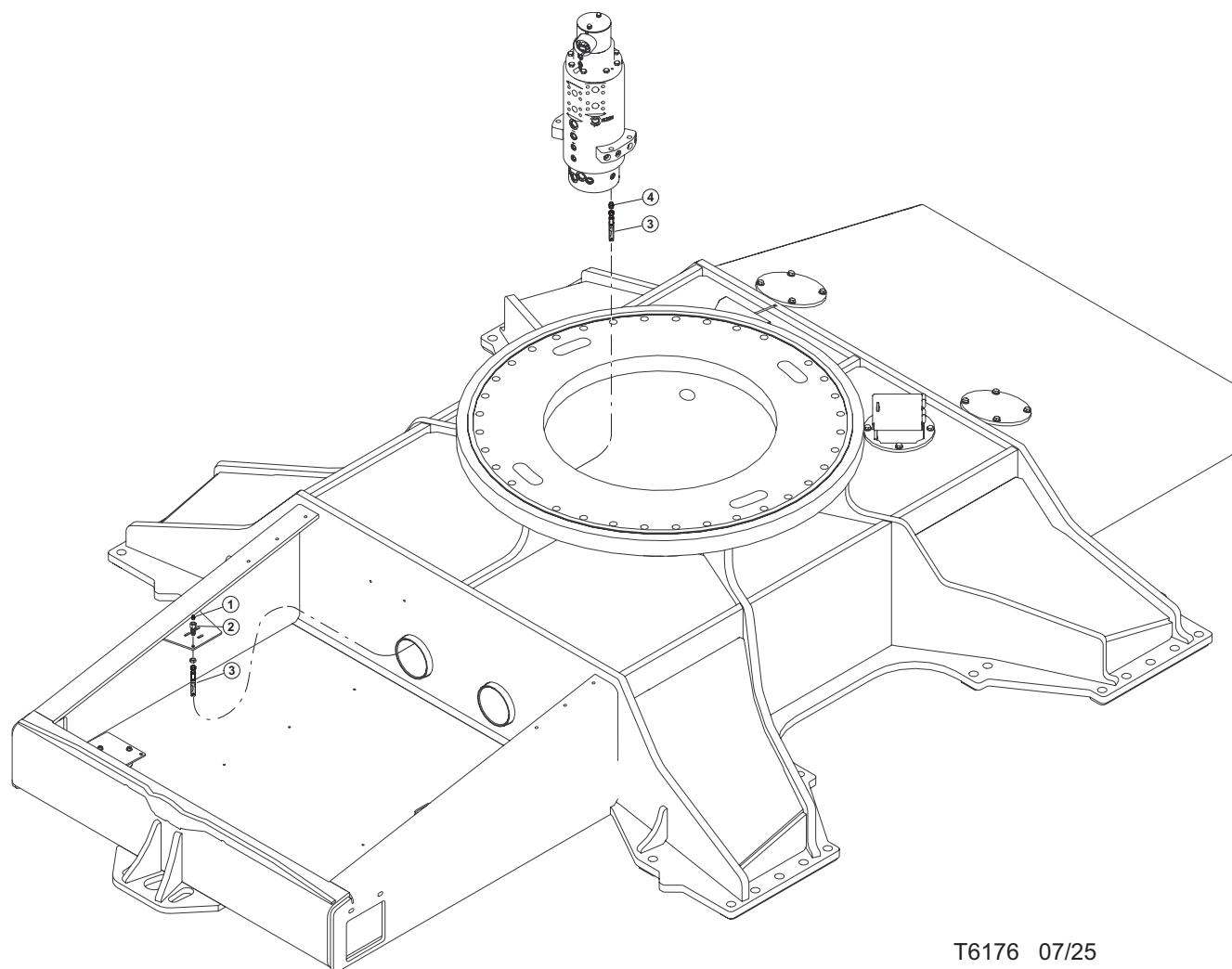


T6174 07/25

Item	Part #	Description	Qty.
	(CALL)	KIT, HOSE, FUEL, CARBODY, NL	1
1	(CALL)	HOSE ASSY - 221FR__ 08-08JS-08J9-W - (FUEL TANK SUPPLY TO FUEL FILTER)	1
2	674990	HOSE ASSY - 21FR45 06-06JS-06J9-W - (RM PORT "FR" TO FUEL TANK)	1
3	(CALL)	HOSE ASSY - 221FR__ 06-06JS-06J9-W - (FUEL RETURN - ROTARY MANIFOLD	1
3	674980	HOSE ASSY - 387TC45 04-04OS-04OS-W - (FUEL VENT - FUEL TANK TO ROTARY	1
4	675000	HOSE ASSY - 221FR69 06-06JS-06J4-W (FUEL PUMP TO RM MANIFOLD PORT "FS")	1
5	674970	HOSE ASSY - 187TC28 08-08OS-08MP - (FUEL SUPPLY IN TANK)	1
6	(CALL)	HOSE ASSY - 387TC__ 06-06JS-06JS-W - (FUEL HOSE JUMPER)	1
7	674960	HOSE ASSY - 187TC15 08-08OS-08OPEN - (FUEL RETURN IN TANK)	1

ROTARY MANIFOLD GREASE HOSE

12 ROLLER TRACK FRAMES - (SN. 1181 & FORWARD)

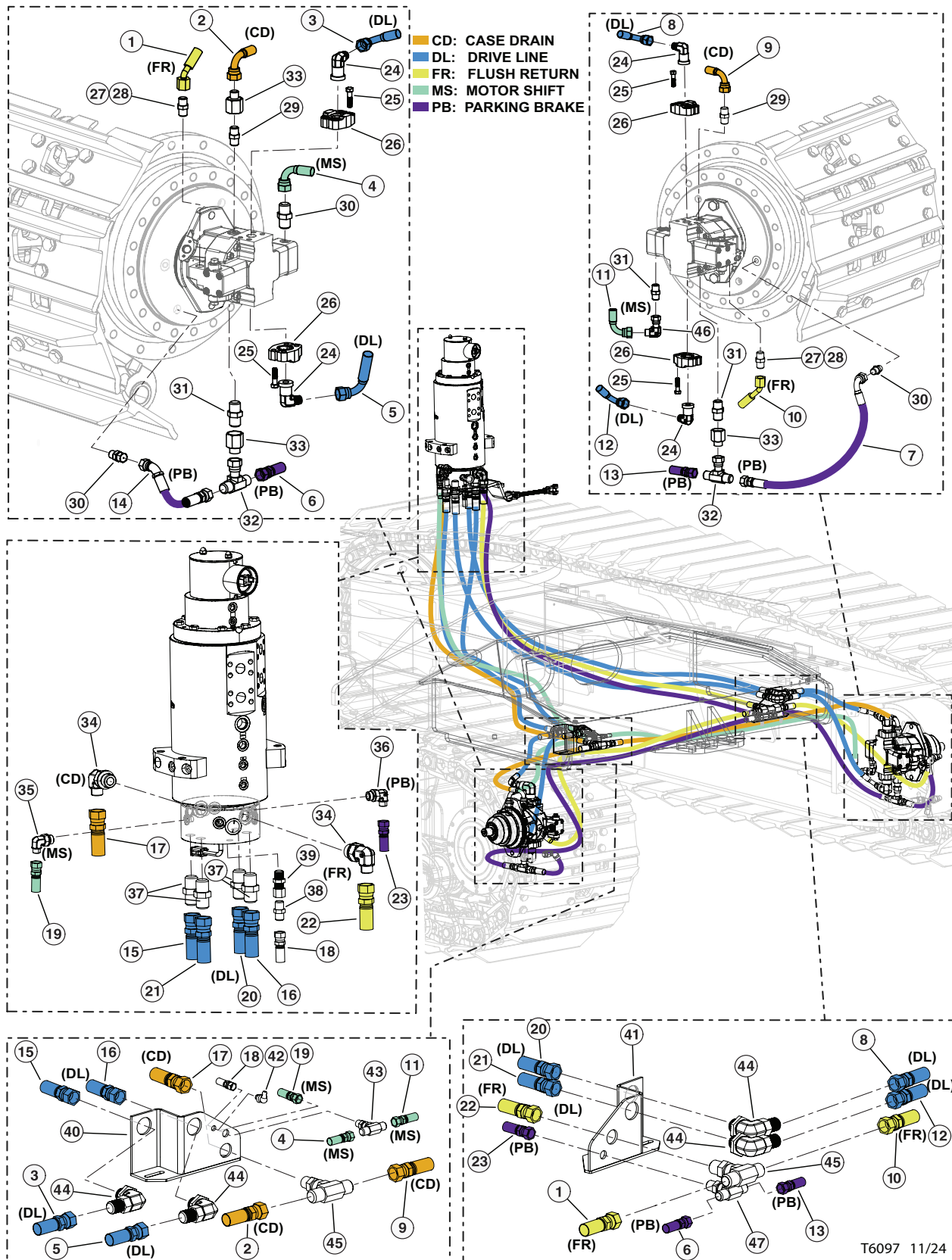


T6176 07/25

Item	Part #	Description	Qty.
1	10704	FITTING, GREASE - .125 NPT - STR	1
2	15658	CONNECTOR, STR BULKHEAD - 2239-2-4S	1
3	(CALL)	HOSE, HYD - (ROTARY MANIFOLD GREASE)	1
4	51887	CONNECTOR, STR - (4F50X-S)	1

NON-LEVELING TRACK FRAMES

DRIVE MOTOR HYDRAULICS - (11 ROLLER TRACK FRAMES) - (UP TO SN. 1168)



NON-LEVELING TRACK FRAMES

DRIVE MOTOR HYDRAULICS - (11 ROLLER TRACK FRAMES) - (UP TO SN. 1168)

KIT#58626 - KIT, HOSE LOG LOADER CARBODY

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(See Description)	1	FLUSH RETURN HOSE 187TC54 08-08OS-08O4-W (left motor to right bulkhead tee)	
2	(See Description)	1	CASE DRAIN HOSE 187TC60 08-08OS-08O9-W (left motor to left bulkhead tee)	
3	(See Description)	1	DRIVE LINE HOSE 797TC35.5 16-16OS-16O9-SW (left motor, top to left bulkhead, outside)	
4	(See Description)	1	MOTOR SHIFT HOSE 387TC42 04-04OS-04O9-W (left motor to left bulkhead tee)	
5	(See Description)	1	DRIVE LINE HOSE 797TC41.5 16-16OS-16O9-SW (left inside bulkhead to bottom left track motor)	
6	(See Description)	1	PARKING BRAKE HOSE 387TC66 06-06OS-06OS-W (left motor tee to right bulkhead tee)	
7	(See Description)	1	PARKING BRAKE HOSE 387TC20 06-06OS-06O4 (parking brake jumper to final drive brake port - right motor)	
8	(See Description)	1	DRIVE LINE HOSE 797TC35.5 16-16OS-16O9-SW (right motor, top to right bulkhead, outside)	
9	(See Description)	1	CASE DRAIN HOSE 187TC45 08-08OS-08O9-W (right motor to left bulkhead tee)	
10	(See Description)	1	FLUSH RETURN HOSE 187TC82 08-08OS-08O4-W (right motor to right bulkhead tee)	
11	(See Description)	1	MOTOR SHIFT HOSE 387TC60 04-04OS-04O9-W (right motor to left bulkhead tee)	
12	(See Description)	1	DRIVE LINE HOSE 797TC41.5 16-16OS-16O9-SW (right motor, bottom to right bulkhead, inside)	
13	(See Description)	1	PARKING BRAKE HOSE 387TC56 06-06OS-06OS-W (right motor tee to right bulkhead tee)	
7	(See Description)	1	PARKING BRAKE HOSE 387TC12 06-06OS-06O4 (parking brake jumper to final drive brake port - left motor)	
15	(See Description)	1	DRIVE LINE HOSE 797TC105 16-16OS-16OS-SW (rotary manifold to left bulkhead, outside)	
16	(See Description)	1	DRIVE LINE HOSE 797TC101 16-16OS-16OS-SW (rotary manifold to left bulkhead, inside)	
17	(See Description)	1	CASE DRAIN HOSE 187TC102 12-12OS-12OS-W (left bulkhead tee to rotary manifold)	
18	(See Description)	1	GREASE LINE HOSE HLB105 02-04JS-04JS-W (left bulkhead to rotary manifold)	
19	(See Description)	1	MOTOR SHIFT HOSE 387TC107 04-04OS-04OS-W (left bulkhead tee to rotary manifold)	
20	(See Description)	1	DRIVE LINE HOSE 797TC105 16-16OS-16OS-SW (rotary manifold to left bulkhead, outside)	
21	(See Description)	1	DRIVE LINE HOSE 797TC101 16-16OS-16OS-SW (rotary manifold to right bulkhead, inside)	
22	(See Description)	1	FLUSH RETURN HOSE 187TC102 12-12OS-12OS-W (right bulkhead tee to rotary manifold)	
23	(See Description)	1	PARKING BRAKE HOSE 387TC107 06-06OS-06OS-W (right bulkhead tee to rotary manifold)	

NON-LEVELING TRACK FRAMES

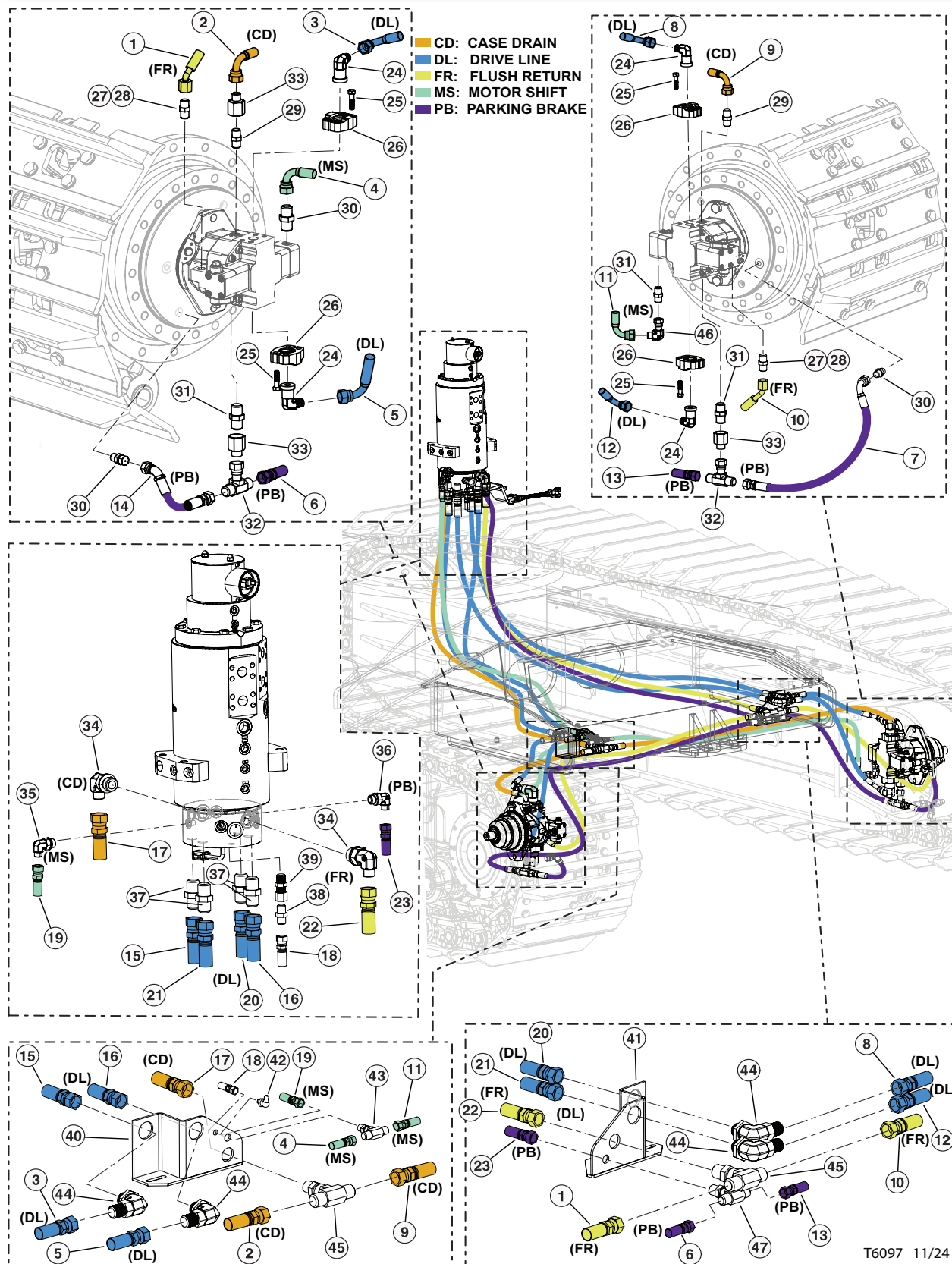
DRIVE MOTOR HYDRAULICS - (11 ROLLER TRACK FRAMES) - (UP TO SN. 1168)

NON-HOSE RELATED PARTS:

REF	PART #	QTY	DESCRIPTION	SEE SECTION
24	15103	4	DRIVE LINE, ADAPTER, 90 FLANGE - FF5540-1616S	
25	15551	8	BOLT - 12MM-1.75P X 40MM	
	18735	4	WASHER, FLAT - 12MM	
	15377	2	O-RING - 1" SF (CODE 61/62)	
26	15113	4	DRIVE LINE, KIT, SPLIT FLANGE - 1" (CODE 62)	
27	15117	2	FLUSH RETURN, CONNECTOR, STR - FF1852T-0808S	
28	53651	2	FLUSH RETURN, FITTING, FLUSHING ORIFICE - TRACK MOTOR	
29	52439	2	CASE DRAIN, CONNECTOR, MALE ISO 6149	
30	53124	2	PARKING BRAKE, FITTING, MALE CONNECTOR ISO 6149	
31	54795	2	PARKING BRAKE, CONNECTOR, STR ORIFICED .04" TRACK MOTOR	
32	52900	2	PARKING BRAKE, SWIVEL, NUT BRANCH TEE #6	
33	57485	2	PARKING BRAKE, FITTING, 8-6 TRLON	
34	17688	2	CASE DRAIN FITTING, FLUSHING ORIFICE - TRACK MOTOR	
34	17688	1	FLUSH RETURN, ELBOW, 90 - FF1868T-1212S	
35	16296	1	MOTOR SHIFT, ELBOW, 90 - FF1868T-0606S	
36	15133	1	PARKING BRAKE, ELBOW, 90 - FF1868T-0406S	
37	15225	4	DRIVE LINE, CONNECTOR, STR - FF1852T-1616S	
38	51877	1	CONNECTOR, STR - (4F50X-S)	
39	15658	1	CONNECTOR, STR BULKHEAD - 2239-2-4S	
40	53762	1	BULKHEAD, TRACK HOSE L.H.	
41	53761	1	BULKHEAD, TRACK HOSE R.H.	
42	(See Description)	1	GREASE LINE, 90 DEG ZERK FITTING, PART # 6203 (LAWSON)	
43	52901	1	MOTOR SHIFT, TEE, BULKHEAD BRANCH - 4	
44	53680	4	DRIVE LINE, FITTING, BULKHEAD UNION ELBOW 16 WELO-WN	
45	53192	2	FITTING, BULKHEAD BRANCH TEE- 12 WJLO-WL	
46	15145	1	FLUSH RETURN, ELBOW, 90 SWIVEL - FF2098T-0404S	
47	52902	1	PARKING BRAKE, TEE, BULKHEAD BRANCH - 6	

NON-LEVELING TRACK FRAMES

DRIVE MOTOR HYDRAULICS - (12 ROLLER TRACK FRAMES) - (SN. 1169-)



T6097 11/24

NON-LEVELING TRACK FRAMES

DRIVE MOTOR HYDRAULICS - (12 ROLLER TRACK FRAMES) - (SN. 1169-)

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	(See Description)	1	FLUSH RETURN HOSE 187TC64 08-08OS-08O4-W (left motor to right bulkhead tee)	
2	(See Description)	1	CASE DRAIN HOSE 187TC60 08-08OS-08O9-W (left motor to left bulkhead tee)	
3	(See Description)	1	DRIVE LINE HOSE 797TC39.5 16-16OS-20O9-SW (left motor, top to left bulkhead, outside)	
4	(See Description)	1	MOTOR SHIFT HOSE 387TC42 04-04OS-04O9-W (left motor to left bulkhead tee)	
5	(See Description)	1	DRIVE LINE HOSE 797TC45.5 16-16OS-20O9-SW (left inside bulkhead to bottom left track motor)	
6	(See Description)	1	PARKING BRAKE HOSE 387TC66 06-06OS-06OS-W (left motor tee to right bulkhead tee)	
7	(See Description)	1	PARKING BRAKE HOSE 387TC20 06-06OS-06O4 (parking brake jumper to final drive brake port - right motor)	
8	(See Description)	1	DRIVE LINE HOSE 797TC39.5 16-16OS-20O9-SW (right motor, top to right bulkhead, outside)	
9	(See Description)	1	CASE DRAIN HOSE 187TC47 08-08OS-08O9-W (right motor to left bulkhead tee)	
10	(See Description)	1	FLUSH RETURN HOSE 187TC102 12-12OS-12OS-W (right motor to right bulkhead tee)	
11	(See Description)	1	MOTOR SHIFT HOSE 387TC60 04-04OS-04O9-W (right motor to left bulkhead tee)	
12	(See Description)	1	DRIVE LINE HOSE 797TC45.5 16-16OS-20O9-SW (right motor, bottom to right bulkhead, inside)	
13	(See Description)	1	PARKING BRAKE HOSE 387TC56 06-06OS-06OS-W (right motor tee to right bulkhead tee)	
14	(See Description)	1	PARKING BRAKE HOSE 387TC12 06-06OS-06O4 (parking brake jumper to final drive brake port - left motor)	
15	(See Description)	1	DRIVE LINE HOSE 797TC105 16-16OS-16OS-SW (rotary manifold to left bulkhead, outside)	
16	(See Description)	1	DRIVE LINE HOSE 797TC101 16-16OS-16OS-SW (rotary manifold to left bulkhead, inside)	
17	(See Description)	1	CASE DRAIN HOSE 187TC102 12-12OS-12OS-W (left bulkhead tee to rotary manifold)	
18	(See Description)	1	GREASE LINE HOSE HLB105 02-04JS-04JS-W (left bulkhead to rotary manifold)	
19	(See Description)	1	MOTOR SHIFT HOSE 387TC107 04-04OS-04OS-W (left bulkhead tee to rotary manifold)	
20	(See Description)	1	DRIVE LINE HOSE 797TC105 16-16OS-16OS-SW (rotary manifold to left bulkhead, outside)	
21	(See Description)	1	DRIVE LINE HOSE 797TC101 16-16OS-16OS-SW (rotary manifold to right bulkhead, inside)	
22	(See Description)	1	FLUSH RETURN HOSE 187TC102 12-12OS-12OS-W (right bulkhead tee to rotary manifold)	
23	(See Description)	1	PARKING BRAKE HOSE 387TC107 06-06OS-06OS-W (right bulkhead tee to rotary manifold)	

NON-LEVELING TRACK FRAMES

DRIVE MOTOR HYDRAULICS - (12 ROLLER TRACK FRAMES) - (SN. 1169-)

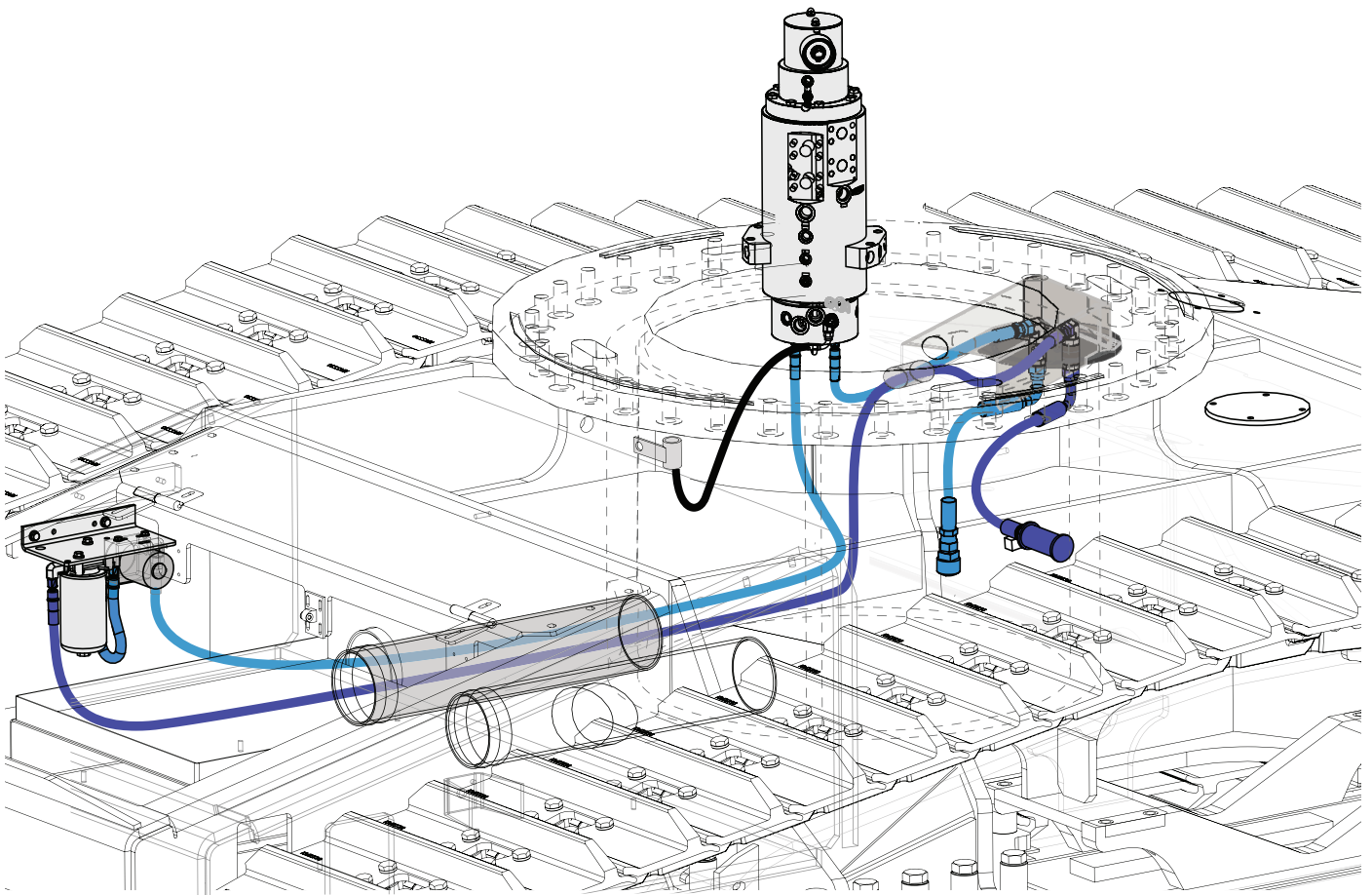
NON-HOSE RELATED PARTS:

REF	PART #	QTY	DESCRIPTION	SEE SECTION
24	(CALL)	4	DRIVE LINE, ADAPTER, 90 FLANGE - FF5540-2020S	
25	15551	8	BOLT - 12MM-1.75P X 40MM	
	18735	4	WASHER, FLAT - 12MM	
	(CALL)	2	O-RING - 1.25" SF (CODE 62)	
26	15114	4	DRIVE LINE, KIT, SPLIT FLANGE - 1.25" (CODE 62)	
27	15117	2	FLUSH RETURN, CONNECTOR, STR - FF1852T-0808S	
28	53651	2	FLUSH RETURN, FITTING, FLUSHING ORIFICE - TRACK MOTOR	
29	52439	2	CASE DRAIN, CONNECTOR, MALE ISO 6149	
30	53124	2	PARKING BRAKE, FITTING, MALE CONNECTOR ISO 6149	
31	54795	2	PARKING BRAKE, CONNECTOR, STR ORIFICED .04" TRACK MOTOR	
32	52900	2	PARKING BRAKE, SWIVEL, NUT BRANCH TEE #6	
33	57485	2	PARKING BRAKE, FITTING, 8-6 TRLON	
34	(CALL)	2	CASE DRAIN FITTING, FLUSHING ORIFICE - TRACK MOTOR	
34	17688	1	FLUSH RETURN, ELBOW, 90 - FF1868T-1212S	
35	16296	1	MOTOR SHIFT, ELBOW, 90 - FF1868T-0606S	
36	15133	1	PARKING BRAKE, ELBOW, 90 - FF1868T-0406S	
37	15225	4	DRIVE LINE, CONNECTOR, STR - FF1852T-1616S	
38	51877	1	CONNECTOR, STR - (4F50X-S)	
39	15658	1	CONNECTOR, STR BULKHEAD - 2239-2-4S	
40	53762	1	BULKHEAD, TRACK HOSE L.H.	
41	53761	1	BULKHEAD, TRACK HOSE R.H.	
42	(See Description)	1	GREASE LINE, 90 DEG ZERK FITTING, PART # 6203 (LAWSON)	
43	52901	1	MOTOR SHIFT, TEE, BULKHEAD BRANCH - 4	
44	54316	4	ELBOW, BULKHEAD UNION 45DEG #16	
45	53192	2	FITTING, BULKHEAD BRANCH TEE- 12 WJLO-WL	
46	15145	1	FLUSH RETURN, ELBOW, 90 SWIVEL - FF2098T-0404S	
47	52902	1	PARKING BRAKE, TEE, BULKHEAD BRANCH - 6	

This image shows a full page of a document template consisting of 20 evenly spaced horizontal black lines on a white background. The lines are parallel and extend across the entire width of the page, providing a guide for writing or drawing. There are no margins, text, or other markings present.

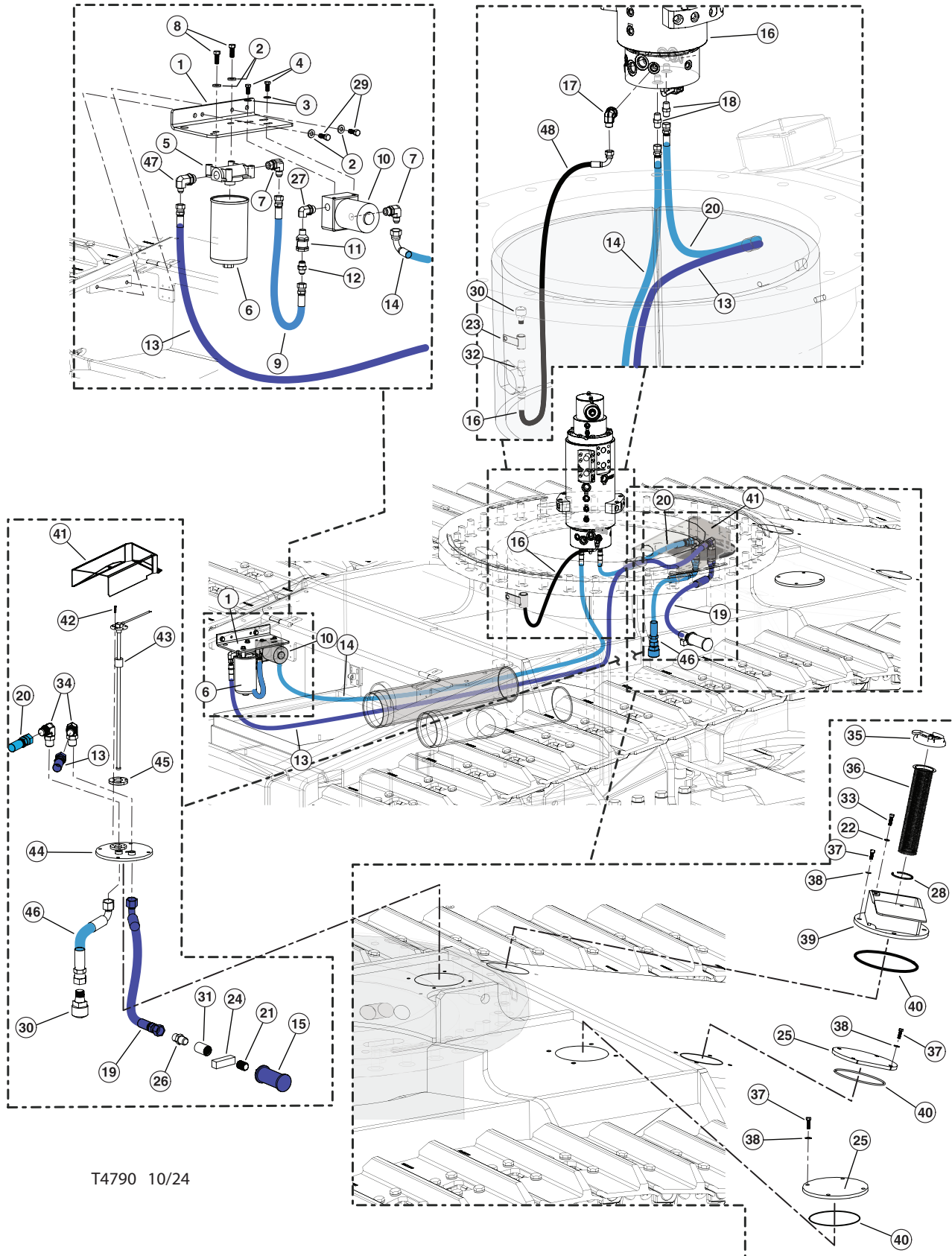
SECTION NV-3

NON-LEVELING TRACK FRAME FUEL TANK COMPONENTS



NON-LEVELING TRACK FRAMES

FUEL SUPPLY SYSTEM



NON-LEVELING TRACK FRAMES

FUEL SUPPLY SYSTEM

REF	PART #	QTY	DESCRIPTION	SEE SECTION
1	53197	1	MOUNT, FUEL COMPONENTS - LEV T/M	
2	10802	4	WASHER, FLAT - .375"	
3	10801	2	WASHER, FLAT - .3125"	
4	15605	2	BOLT - .3125" X .75"	
5	16574	1	MOUNT, FILTER HEAD ASSEMBLY	
6	51751	1	FILTER, SPIN-ON FUEL - 7"	
7	53073	3	ELBOW, 90 6-JIC X 10-ORB	
8	11707	2	BOLT - .375" X 1"	
9	(KIT - 58626)	1	HOSE ASSEMBLY - Part #: 22FR16-06-06JS-06JS (FUEL PUMP TO FUEL FILTER)	
10	57784	1	PUMP, FUEL (KIT) - AIR DOG KIT: 57784 PUMP 60065 PUMP MOUNT 53197 PUMP BRACKET 16574 FILTER HEAD 51751 FUEL FILTER 53073 FITTINGS (2) 53145 FITTING 15652 CHECK VALVE 16882 FITTING 24287 FITTING 24982 FITTING	
11	15652	1	VALVE, CHECK - HYDRAULIC/FUEL	
12	16009	1	FITTING, 6 FTX-S PIPE-JIC	
13	(KIT - 58626)	1	HOSE ASSEMBLY - Part #: 221FR155 08-08JS-08J9-W (FUEL SUPPLY)	
14	(KIT - 58626)	1	HOSE ASSEMBLY - Part #: 221FR143 06-06JS-06JS-W (FUEL PUMP TO RM)	
15	17271	1	FILTER, SCREEN - FUEL SYSTEM	
16	(KIT - 58626)	1	HOSE ASSEMBLY - Part #: 387TC48 04-04OS-04OS-W (FUEL VENT)	
17	52454	1	ELBOW, 90 4 -8	
18	18034	3	CONNECTOR, STR - FF1852T-0606S	
19	(KIT - 58626)	1	HOSE ASSEMBLY - Part #: 187TC42 08-08OS-08MP (FUEL SUCTION FROM TANK)	
20	(KIT - 58626)	2	HOSE ASSEMBLY - Part #: 221FR45 06-06JS-06J9-SW (FUEL RM TO RETURN)	
21	16126	1	NIPPLE, CLOSE - 1/2"	
22	15534	4	WASHER, SAE FLAT - .5"	
23	46415	1	BRACKET, FUEL VENT NON-LEVEL MACH	
24	(CALL)	1	.75x.75x2.5 LG KEYSTOCK (Part Number not provided)	
25	43576	2	PLATE, ACCESS COVER	
26	15258	1	CONNECTOR, STR - FF2031T-0808S	
27	57824	1	FITTING, ELBOW FEMALE - RAPTOR FUEL PUMP	
28	17115	1	RING, SNAP - FUEL STRAINER RETAINER	
29	15542	2	BOLT - .375" X .75"	
30	54170	1	VENT, FUEL TANK - TRACK	
31	16320	1	COUPLING, PIPE - .5"	
32	15131	1	CONNECTOR, STR - FF2031T-0404S	
33	10783	4	BOLT - .5" X 1"	
34	22405	2	ELBOW, 90 - 8-6 C5OLO-S	
35	16585	1	CAP, FUEL - LOCKING	
36	17114	1	STRAINER, FUEL SYSTEM	
37	10739	8	BOLT - .5" X 1.5"	
38	22666	8	WASHER, SAE FLAT - .5" (EXTRA THICK)	
39	47605	1	COVER, LOCKING FUEL TANK	

NON-LEVELING TRACK FRAMES

FUEL SUPPLY SYSTEM

REF	PART #	QTY	DESCRIPTION	SEE SECTION
40	15600	3	O-RING - 8" DIA. -369	
41	47908	1	GUARD, FUEL SENDER	
42	15669	5	SCREW, MACHINE - #10-24 X .5"	
43	57219	1	SENDER, FUEL LEVEL W/FLOAT (NL TRACK)	
44	47233	1	WELDMENT, ACCESS COVER W/SENDER 11'-2"	
45	46828	2	MOUNT, FUEL SENDER	
46	(KIT - 58626)	1	HOSE ASSEMBLY - Part #: 187TC20 08-08OS-OPEN (FUEL RETURN TO TANK)	
47	18109	1	ELBOW, 90 - 6801-8-10	

THIS PAGE LEFT BLANK FOR NOTES

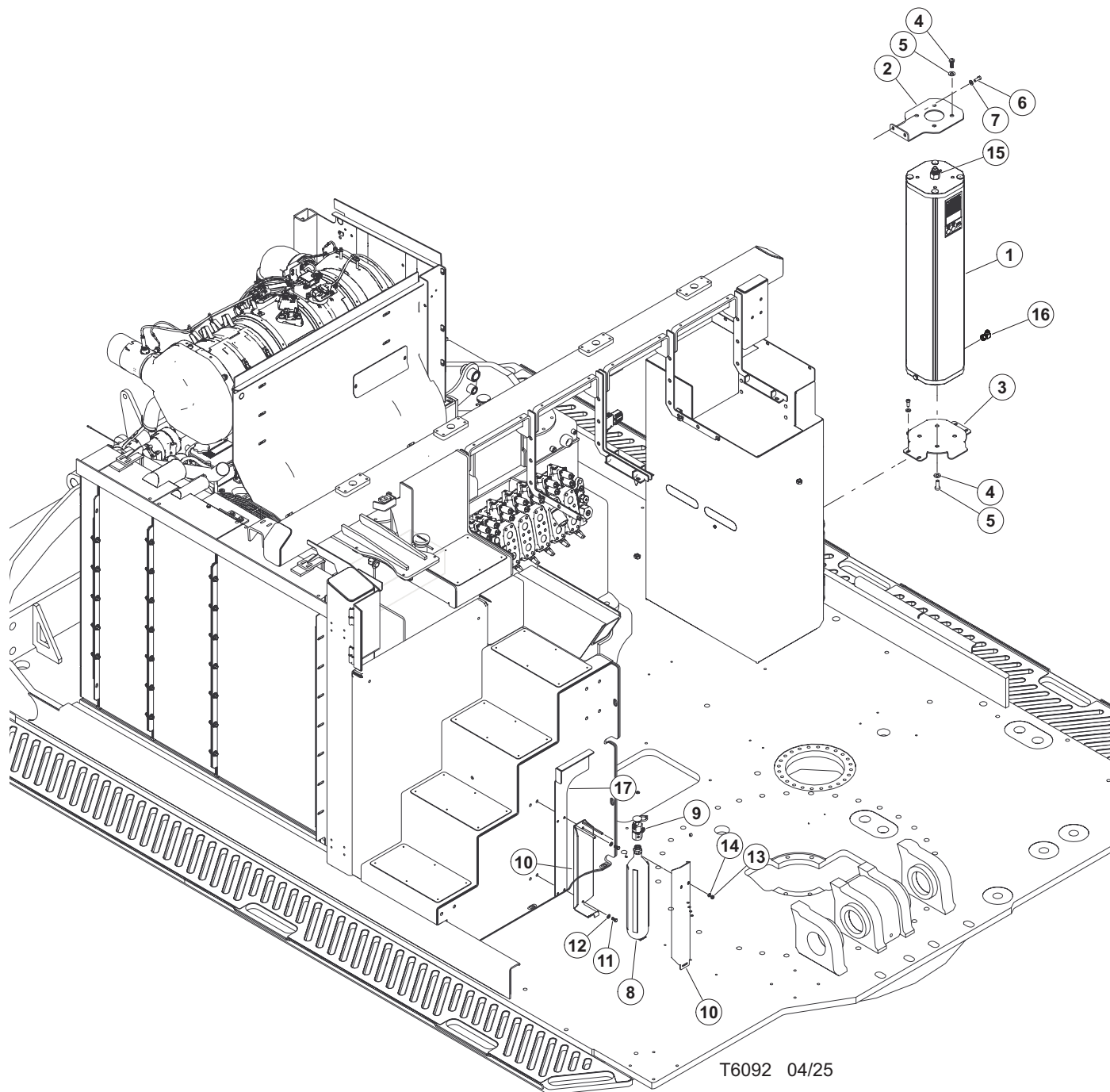
[illegible]

SECTION FS-1

DAFO FIRE SUPPRESSION SYSTEM



DAFO FIRE SUPPRESSION SYSTEM COMPONENT INSTALLATION

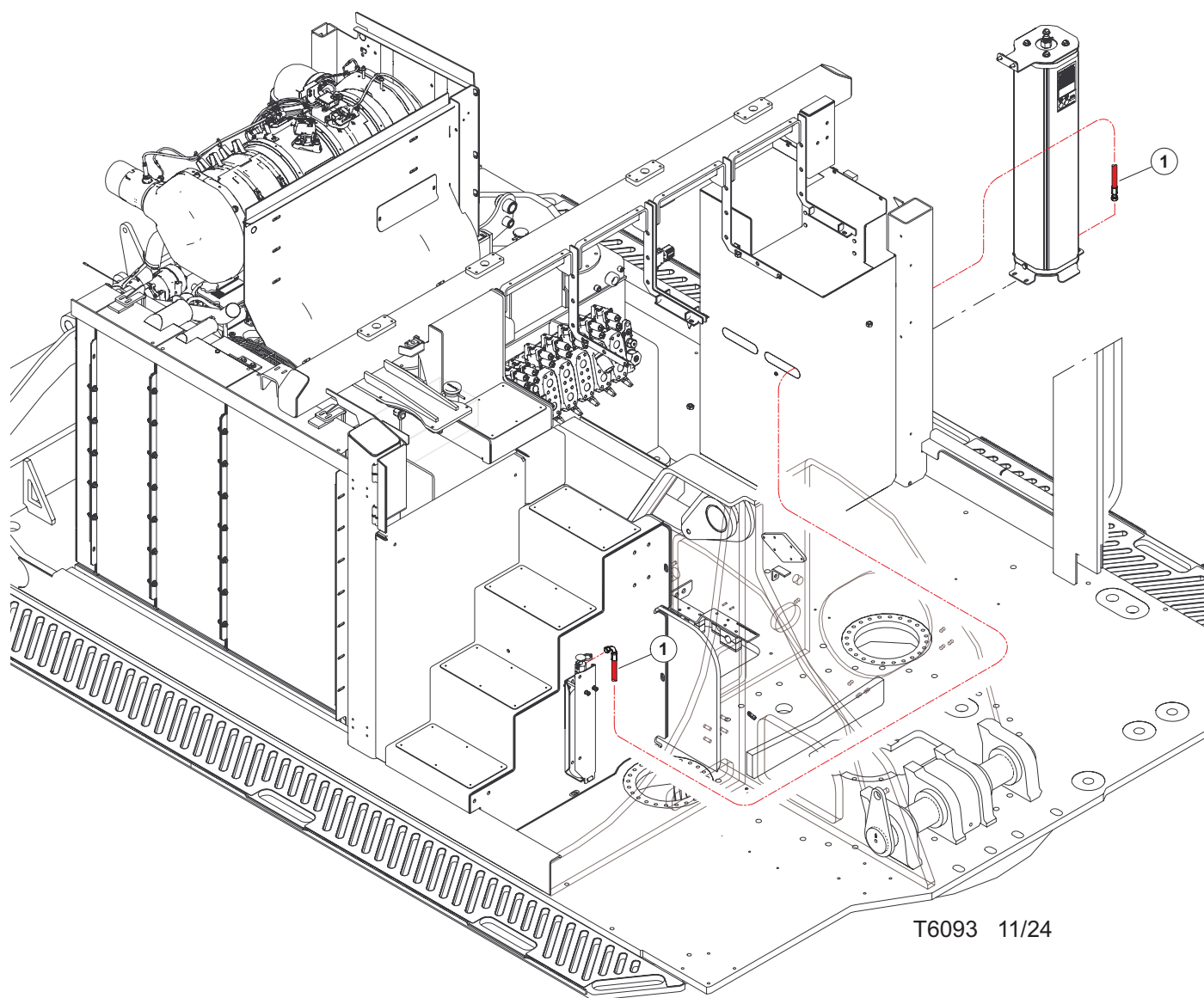


DAFO FIRE SUPPRESSION SYSTEM COMPONENT INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	66201	1	AGENT CONTAINER
2	66206	1	PLATE, DAFO SINGLE CAN MT TOP
3	66205	1	PLATE, DAFO SINGLE CAN MT BASE
4	(CALL)	8	BOLT
5	(CALL)	8	WASHER, FLAT
6	11707	6	BOLT - .375" X 1"
7	15528	6	WASHER, SAE FLAT - .375"
8	665920	1	NITROGEN CARTRIDGE
9	65051	1	RELEASE MECHANISM
10	665930	1	BRACKET, NITROGEN CARTRIDGE
11	15605	4	BOLT - .3125"
12	15559	4	WASHER, SAE FLAT - .3125"
13	(CALL)	2	NUT
14	(CALL)	2	WAHSER, FLAT
15	(CALL)	1	AGENT TANK OUTLET ADAPTER
16	674330	1	INLET ADAPTER
17	674930	1	PLATE, DAFO KICK

DAFO FIRE SUPPRESSION SYSTEM

NITROGEN SUPPLY HOSE INSTALLATION



T6093 11/24

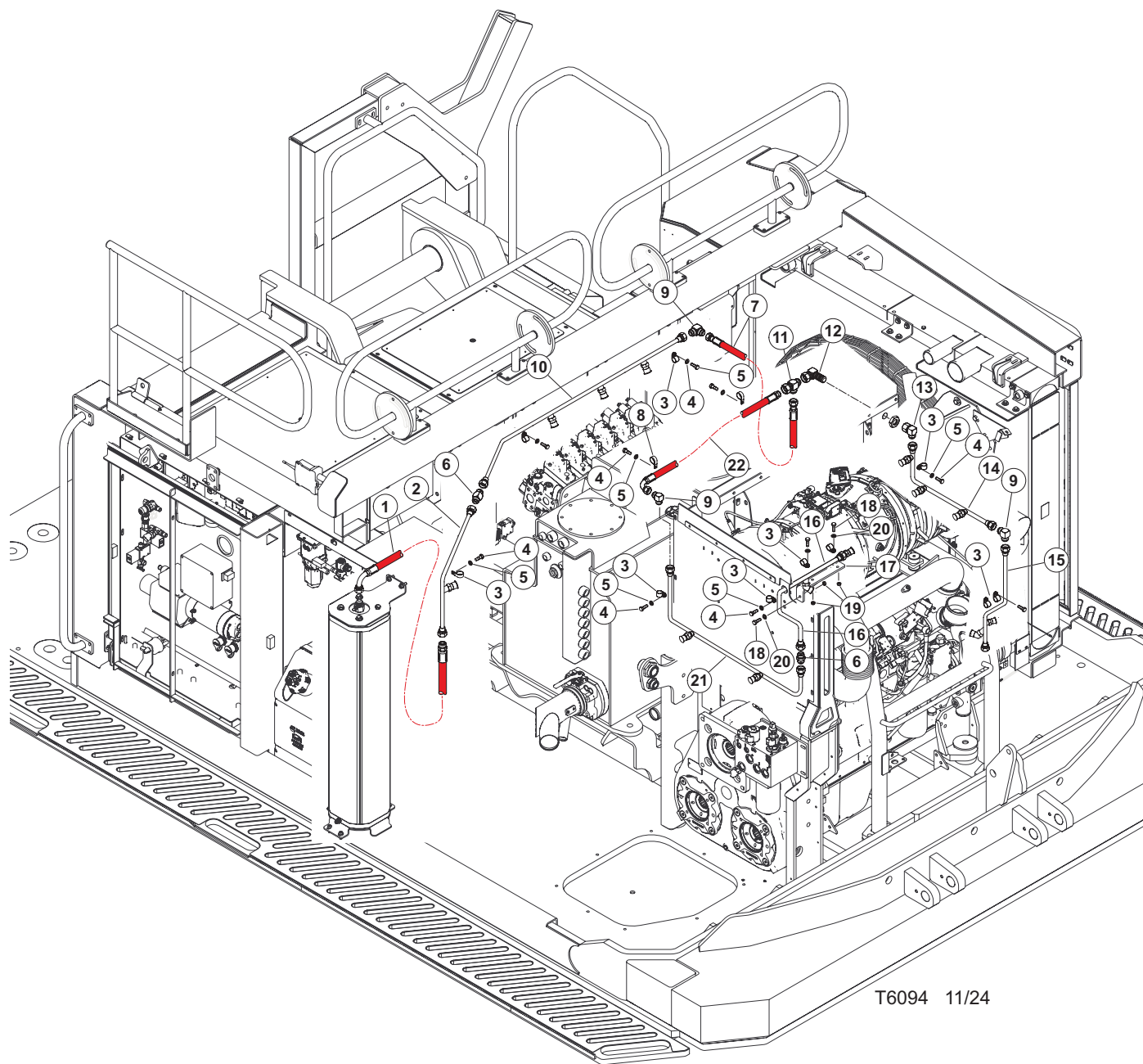
DAFO FIRE SUPPRESSION SYSTEM

NITROGEN SUPPLY HOSE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	674800	1	NITROGEN SUPPLY HOSE

DAFO FIRE SUPPRESSION SYSTEM

AGENT SUPPLY INSTALLATION



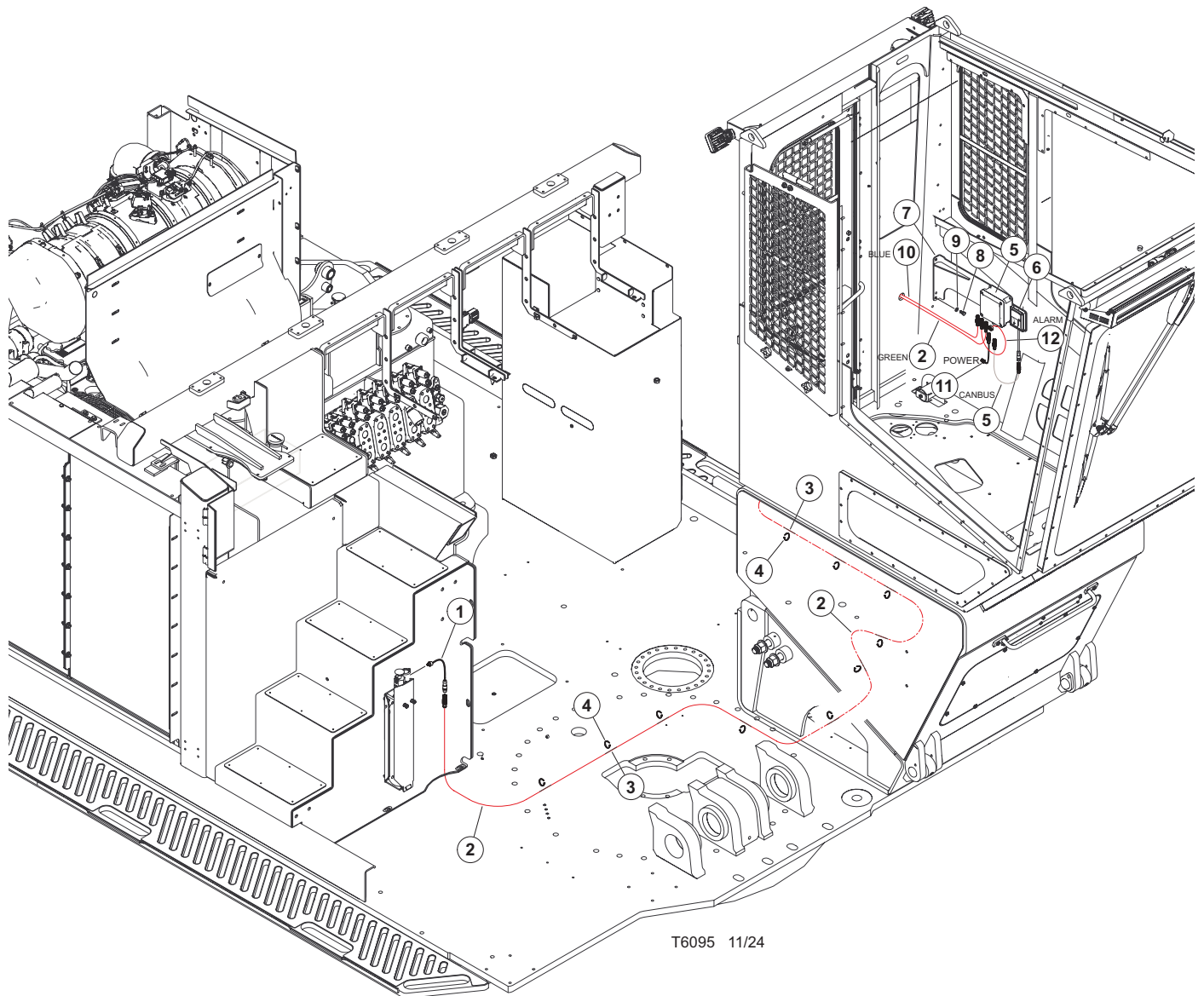
T6094 11/24

DAFO FIRE SUPPRESSION SYSTEM

AGENT SUPPLY INSTALLATION

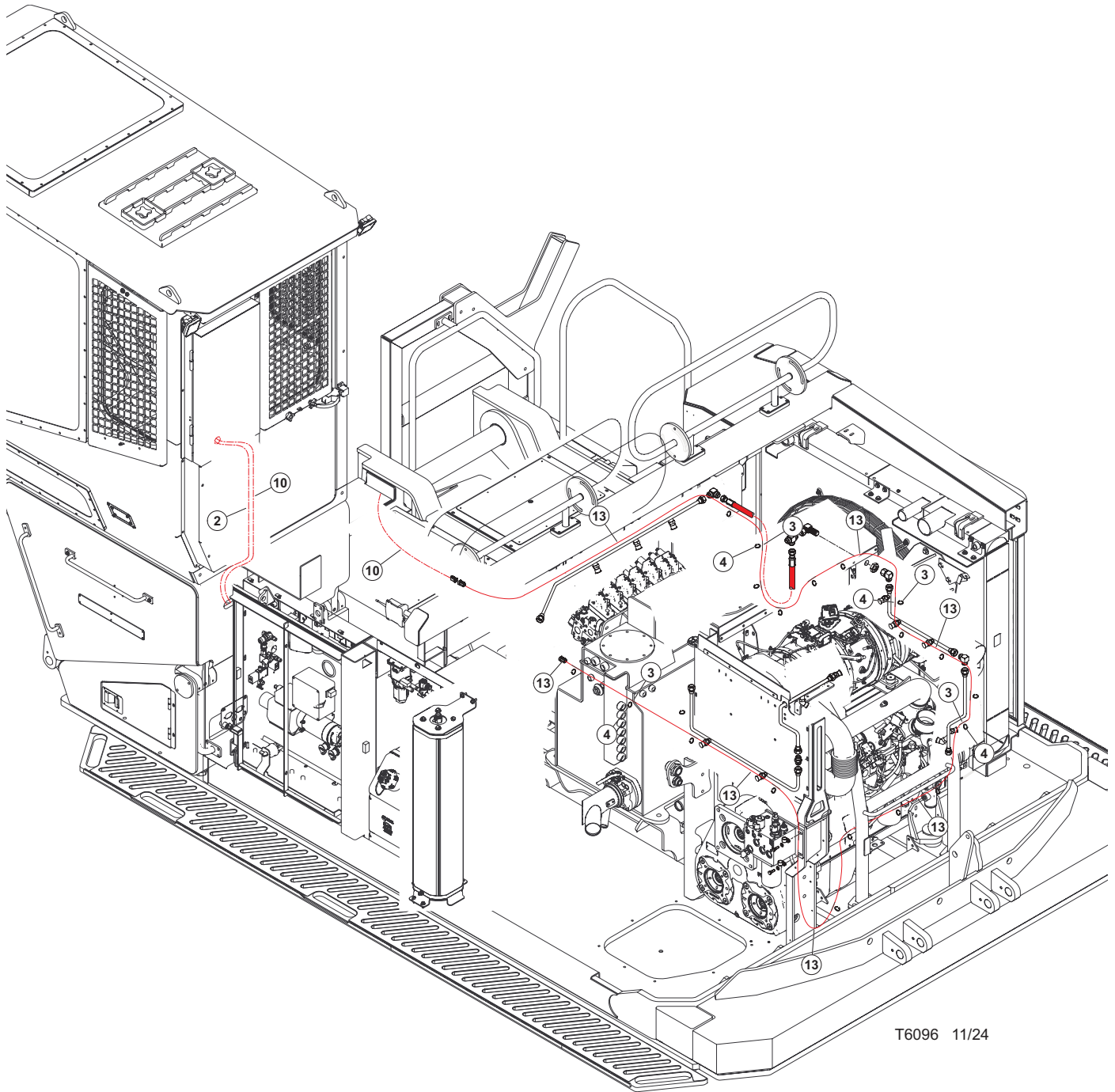
REF	PART #	QTY	DESCRIPTION
1	674810	1	AGENT SUPPLY HOSE
2	674740	1	DISTRIBUTION PIPE
3	674510	10	CLAMP, 11mm
4	10800	8	WASHER, FLAT - .25"
5	18309	8	BOLT - .25" X 1.25"
6	674360	2	COUPLING, STRAIGHT, M-M
7	674820	1	AGENT SUPPLY HOSE
8	674520	3	CLAMP, 3/4"
9	674370	3	COUPLING, 90° BEND, M-M
10	674750	1	DISTRIBUTION PIPE
11	674400	1	T-COUPLING, M-M-F
12	674420	1	COUPLING BULKHEAD, 90° BEND
13	674380	1	COUPLING 90° BEND
14	674780	1	DISTRIBUTION PIPE
15	674790	1	DISTRIBUTION PIPE
16	674770	1	DISTRIBUTION PIPE
17	65472	1	PLATE, FS BRACKET
18	10822	3	BOLT - .3125" X 1.25"
19	10812	3	NUT, LOCK - .3125"
20	10801	3	WASHER, FLAT - .3125"
21	674760	1	DISTRIBUTION PIPE
22	674820	1	AGENT SUPPLY HOSE
	676120	1.6'	SEAL, TRIM, HEAVY DUTY HIGH TEMP (NOT SHOWN)

DAFO FIRE SUPPRESSION SYSTEM DETECTION & ACTIVATION CABLE INSTALLATION



DAFO FIRE SUPPRESSION SYSTEM

DETECTION & ACTIVATION CABLE INSTALLATION



T6096 11/24

DAFO FIRE SUPPRESSION SYSTEM DETECTION & ACTIVATION CABLE INSTALLATION

REF	PART #	QTY	DESCRIPTION
1	674170	1	GAS GENERATOR CABLE
2	674720	1	ACTUATION CABLE (GREEN)
3	674430	50	RUBBER PROTECTORS FOR LTD CABLE
4	(CALL)	50	SECURING LTD TO DISTRIBUTION TUBING
5	674280	1	CONTROL UNIT
6	65054	1	ALARM PANEL
7	665760	1	WELDMENT, 785 CONTROL MT, DAFO
8	10402	2	BOLT - .375" X 1.25"
9	15528	2	WASHER, SAE FLAT - .375"
10	674710	1	DETECTION CABLE (BLUE)
11	674700	1	CABLE, POWER/SHUTDOWN, (RED/WHITE)
12	674730	1	CABLE, ALARM CIRCUIT, (YELLOW)
13	674690	1	LINEAR DETECTION WIRE 180°C W/ 1.8 KOHM EOL RESISTOR

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.