

EXODUS

MACHINES

MX447

PARTS BOOK

2011 Model Year

Serial No. _____

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EXODUS MACHINES, LLC
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SUPERIOR, WI 54880
Main Switchboard: 715-395-6060

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Left Hand Side Assembly
Tube Frame Left Hand Rear Installation

BOM ID	Qty	Number	Description
1	1	19-00303	TUBE WELDMENT 303
2	10	50-00040	WASHER M16 FLAT
3	4	50-00042	NUT M16 - 2.000
4	6	50-00073	HH CS, M16 X 2.00 X 40MM

Center Head Assembly

Swivel Installation

BOM ID	Qty	Number	Description
1	1	20-00092	WTMG HEAD CENTER MX447-2011
2	1	40-01199	SWIVEL-HYD 7 PASS W/ ELECTRIC ALA/HYDROMOTION
3	6	50-00040	WASHER M16 FLAT
4	6	50-00093	HH CS M16 X 2.00 X 45

Center Head Assembly

Hydraulic Reservoir Right Side Assembly

BOM ID	Qty	Number	Description
1	1	18-00020	MFLD-SPACER 3.75" DUAL -48FL61 SUCTION
2	1	30-00013	SENSOR TEMP -40 TO 280 F 1/4G ISO
3	2	40-00047	VALVE-SHUTOFF 3" -48 BUTTERFLY
4	2	40-00069	FTG-HYD SUCTION 48FL61-48BARB
5	3	40-00080	CLAMP-TUBE .75" STAUFF STC075-24
6	6	40-00323	O-RING-237 -48FL61 VITON 90D
7	1	40-00446	FTG-HYD 20FOX-16MO
8	1	40-00618	FTG-HYD 08MP HEX PLUG
9	1	40-00651	VALVE-HYD MFLD SWING PILOT CONTROL
10	1	40-01078	VALVE-SHUTOFF -32MB-32FB BALL VALVE
11	1	40-01079	VALVE-SHUTOFF 1 1/2" -24MB-24FB BALL VALVE
12	2	40-01113	FTG-HYD 32MB HEX PLUG
13	2	40-01201	CAPTIVE FLANGE -48FL61
14	1	40-01225	FTG-HYD 24MB-20FB
15	1	40-01226	FTG-HYD 20MB-20MO-20MO RUN TEE
16	8	50-00040	WASHER M16 FLAT
17	8	50-00140	SH CS 0.500 - 13 X 4.500
18	2	50-00142	HH CS M8 - 1.25 X 20
19	2	50-00143	WASHER FLAT M8

Center Head Assembly

Hydraulic Reservoir Front Side Assembly

BOM ID	Qty	Number	Description
1	1	40-00091	VALVE-HYD MFLD LOWER SHUT-OFF
2	1	40-00349	FTG-HYD PLUG 48MP BLK
3	1	40-01065	VALVE-HYD MX447-11 UPPER VOAC K220/L90
4	1	40-01144	WLDT VALVE MTG UPPER MAIN
5	1	40-01145	VALVE COVER SUPPORT LEG RH
6	2	40-01148	SPACER .750 OD X .5118 ID X .375
7	1	40-01152	VALVE COVER SUPPORT LEG LH
8	1	40-01153	WLDT VALVE COVER
9	6	50-00040	WASHER M16 FLAT
10	6	50-00044	HH M16 - 2.000 X 30MM
11	2	50-00083	NUT HEX M12 X 1.75
12	1	50-00085	CROSS HEAD M4 X 0.7 X 20MM
13	2	50-00086	WASHER FLAT M4
14	1	50-00087	NUT HEX M4 X 0.7
15	19	50-00088	WASHER FLAT M12
16	17	50-00105	HH CS M12 X 1.75 X 35
17	2	50-00123	WASHER FLAT M10
18	1	50-00164	NUT M10 X 1.5
19	1	50-00179	HH CS M10 - 1.500 X 35
20	1	50-00239	LANYARD LOOP/EYE 3/32 ROPE DIA. 10 LG
21	1	50-00240	SAFTY PIN 1/4 DIA. 1-3/8 USABLE LENGTH

Center Head Assembly
Hydraulic Reservoir Bottom Side Assembly

BOM ID	Qty	Number	Description
1	1	40-00975	FTG-HYD PLUG 16MB MAGNETIC
2	1	40-00087	VALVE-OIL DRAIN 10MB W/ DUST CAP

Right Hand Side Assembly Pump Hydraulic Swing Assembly

BOM ID	Qty	Number	Description
1	1	30-00012	SENSOR PRESSURE 7250 PSI
2	1	40-00004	PUMP-SWING REXROTH AA4VG71 71CC
3	4	40-00029	SPLIT FLANGE -16FL62
4	1	40-00056	FTG-HYD 12MB-12MO
5	1	40-00057	FTG-HYD 12MB-12MO90
6	2	40-00111	FTG-HYD 04MB-04MB
7	1	40-00339	FTG-HYD 20MB-20MO-90
8	2	40-00392	FTG-HYD 04MB-06MO
9	1	40-00405	FTG-HYD 04FOX-04MO-90
10	2	40-00412	FTG-HYD 06MO-06FOX-06MO RUN TEE
11	2	40-00438	FTG-DIAGNOSTIC NIPPLE PD 06FOX
12	2	40-00444	FTG-DIAGNOSTIC DUST CAP
13	1	40-00513	FTG-HYD 06MB-04FBSPP
14	1	40-00738	FTG-HYD 12MB-12MO-90L
15	1	40-01190	COVER-SAE "B" PAD REXROTH
16	8	50-00144	HH CS 0.437 - 14 X 1.75
17	8	50-00145	WASHER FLAT 0.437

Right Hand Side Assembly

Electrical Enclosure Installation

BOM ID	Qty	Number	Description
1	1	30-00044	HORN LOW PITCH 24V
2	1	30-00482	ELECTRICAL ENCLOSURE UPPER MX447-2011
3	4	50-00083	NUT HEX M12 X 1.75
4	8	50-00138	WASHER FLAT M12 NARROW
5	4	50-00149	HH CS M12 X 1.75 X 30MM

Right Hand Side Assembly

Shroud Bracket Spring Side Installation

BOM ID	Qty	Number	Description
1	1	19-00129	SHROUD BRACKET GAS SPRING SIDE DOOR
2	1	19-00234	BALL STUD 10MM 5/16-18 THREAD .5" LONG

Right Hand Side Assembly Cooler Hydraulic Manifold Assembly

BOM ID	Qty	Number	Description
1	2	40-00034	SPLIT FLANGE -20FL61
2	2	40-00035	SPLIT FLANGE -24FL61
3	1	40-00056	FTG-HYD 12MB-12MO
4	1	40-00088	FTG-HYD 06MB-06MO
5	1	40-00300	VALVE-HYD MFLD ANTI-CAVITATION
6	1	40-00393	FTG-DIAGNOSTIC NIPPLE PD 06MB
7	1	40-00444	FTG-DIAGNOSTIC DUST CAP
8	1	40-00918	FTG-HYD 16MB EPCO PLUG
9	4	50-00090	WASHER FLAT 0.500
10	4	50-00127	HH CS 0.500 - 13 X 1.500
11	4	50-00145	WASHER FLAT 0.437
12	4	50-00495	HH CS 0.437 - 14 X 1.5

Counter Weight

Counter Weight Installation

BOM ID	Qty	Number	Description
1	8	50-00023	WASHER M30 FLAT
2	2	50-00024	HHCS 30MM X 120MM X 3.500 THREAD
3	2	96-00004	HH CS 30MM X 160MM X 3.500 THREAD
4	4	50-00181	NUT M30 X 3.5 CLASS 10.9

Shrouding Installation

Shroud Right Hand Top Assembly

BOM ID	Qty	Number	Description
1	1	19-00002	COWLING RT SIDE TOP ACCESS DOOR ASSY
2	1	19-00122	LATCH SOUTHCO DRAW LATCH
3	1	19-00242	GAS SPRING- TOP DOOR REAR STABILUS
4	1	19-00253	SHROUD TOP ACCESS PANEL PROP ROD STOP

Shrouding Installation

Cowling Stair Installation

BOM ID	Qty	Number	Description
1	1	19-00006	COWLING STAIR
2	7	50-00138	WASHER FLAT M12 NARROW
3	7	50-00149	HH CS M12 X 1.75 X 30MM

Cab Lift Assembly
Link Cab Lift Main Assembly

BOM ID	Qty	Number	Description
1	4	12-00519	BUSHING 3.00
2	1	12-00525	WTMG/ASSY MAIN LINK
3	4	40-00261	FTG-ZIRK 02MP HIGH PRESSURE

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Cab Lift Assembly

Plate Mount Cab Frame Installation

BOM ID	Qty	Number	Description
1	2	12-00024	CYL CAB LIFT SECONDARY
2	1	12-00523	WTMG/ASSY BOOM CAB LIFT SECONDARY
3	2	12-00537	WLDT PIN 3 INCH X 8.1875
4	2	12-00539	WLDT PIN 3 INCH X 33.8438
5	1	12-00544	TUBE SPACER
6	2	12-00545	PLATE BOSS 5.250 OD X 2.0625 ID X .375
7	1	12-00547	WTMG PLATE MOUNT CAB FRAME
8	1	12-00551	ASSY WLDT RH CAB LIFT SECONDARY UPPER
9	1	12-00553	ASSY WLDT LH CAB LIFT SECONDARY UPPER
10	4	50-00080	WASHER FLAT M16 WIDE
11	4	50-00188	HH CS M16 X 2.00 X 25
12	2	50-00234	NUT 2.00 - 4.5 PLAIN
13	1	30-00101	E-CHAIN CAB LIFT

Drive Group Front

Wheel Front Torque Hub Left Side Assembly

BOM ID	Qty	Number	Description
1	1	14-00022	WHEEL TORQUE HUB CT50A450
2	1	14-00115	BUSHING 80 MM WITH SHOULDER - LOWER
3	1	14-00133	ASSY STEERING SPINDLE MACH LH
4	2	14-00147	BUSHING, 40 MM
5	1	14-00452	BUSHING 80 MM WITH SHOULDER - UPPER
6	1	40-00026	MOTOR VOAC V14-110CC
7	1	40-00246	FTG-HYD 12MM-04MO
8	4	50-00050	WASHER 0.750 DIA USS
9	20	50-00059	SH CS, 3/4-16 UNF X 3 LG, 12.9
10	4	50-00174	HH CS 0.750 - 10 X 2.500

Drive Group Rear

Axle Rear Installation

BOM ID	Qty	Number	Description
1	1	14-00145	REAR DRIVE TRAIN ASSEMBLY
2	2	14-00146	BUSHING 90MM WITH SHOULDER
3	1	14-00212	WTMG FRAME LOWER WELDMENT
4	1	14-00428	PIN WELDMENT 90MM 20.94 M80 X 6 THREADED END
5	1	50-00015	WASHER 5.75 OD X 3.62 ID X 0.375
6	1	50-00018	NUT M80 X 6
7	1	50-00056	HH CS, M16 X 2.00 X 25MM,10.9
8	1	50-00218	WASHER FLAT 0.750 THRU-HARDENED YZ

Hydraulic Valve Lower

Hydraulic Valve Lower Front Side Assembly

BOM ID	Qty	Number	Description
1	1	40-00065	FTG-HYD 12MB-08MO-90
2	4	40-00088	FTG-HYD 06MB-06MO
3	4	40-00248	FTG-HYD 06MB-06MO-90
4	1	40-00365	FTG-HYD 16MB-08MO
5	1	40-00444	FTG-DIAGNOSTIC DUST CAP
6	1	40-00453	08FOX-08MO 90
7	3	40-00561	FTG-HYD 06MB EPCO PLUG
8	1	40-00562	FTG-HYD 08MB EPCO PLUG
9	1	40-00892	TUBE-PILOT LH JUMPER 06-.065-06FOX-06FOX

Hydraulic Valve Lower
Hydraulic Valve Lower Tube Assembly

BOM ID	Qty	Number	Description
1	1	40-01157	TUBE-TRAV DIFF RF-B 06-.065-06FOX-06FOX
2	1	40-01158	TUBE-TRAV DIFF RF-A 06-.065-06FOX-06FOX
3	1	40-01159	TUBE-TRAV DIFF LF-B 06-.065-06FOX-06FOX
4	1	40-01160	TUBE-TRAV DIFF LF-A 06-.065-06FOX-06FOX
5	1	40-01161	TUBE-TRAV DIFF RR-B 06-.065-06FOX-06FOX
6	1	40-01162	TUBE-TRAV DIFF RR-A 06-.065-06FOX-06FOX
7	1	40-01163	TUBE-TRAV DIFF LR-B 06-.065-06FOX-06FOX
8	1	40-01164	TUBE-TRAV DIFF LR-A 06-.065-06FOX-06FOX

Outrigger Leg

Outrigger Leg Assembly

BOM ID	Qty	Number	Description
1	2	14-00107	BUSHING 60MM
2	2	14-00427	BUSHING 90MM
3	1	14-00448	WTMG/ASSY OUTRIGGER LEG
4	2	40-00261	FTG-ZIRK 02MP HIGH PRESSURE

Pump Hydraulic Oil Fill
Pump Hydraulic Oil Fill Assembly

BOM ID	Qty	Number	Description
1	1	40-00332	PUMP-HAND HYD RES FILL -12FP &-16FP PORTS
2	1	40-00375	FTG-HYD 16FOX CAP
3	1	40-00408	FTG-HYD 16FOX-16MO-90
4	1	40-00551	FTG-HYD 16MP-16MO-90
5	1	40-00553	FTG-HYD 12FB QUICK COUPLER MALE
6	1	40-00556	FTG-HYD 12MB-12MP
7	2	40-00558	FTG-HYD 12MP-12FP-45
8	1	40-01019	FTG-HYD 12MP-08MO-90

Boom Installation

Sensor Rotary Position Stick Installation

BOM ID	Qty	Number	Description
1	1	11-00162	PLATE BENT
2	1	11-00163	PLATE BOOM SENSOR
3	1	30-00080	SENSOR ROTARY POSITION
4	1	30-00081	MARKER-ROTARY POSITION 6MM SHAFT
5	1	30-00128	WELDMENT PLATE SENSOR
6	4	50-00066	HH CS, M12 X 1.75 X 25mm, 10.9
7	2	50-00083	NUT HEX M12 X 1.75
8	2	50-00085	CROSS HEAD M4 X 0.7 X 20MM
9	2	50-00105	HH CS M12 X 1.75 X 35
10	8	50-00138	WASHER FLAT M12 NARROW

Stick Boom Assembly

Stick Boom Assembly

BOM ID	Qty	Number	Description
1	2	11-00005	BUSHING 130MM ID
2	2	11-00047	SLEEVE 5.512 OD X 4.730 ID X 5.669 LG
3	1	11-00177	WELDMENT STICK BOOM
4	2	12-00262	BUSHING 80MM
5	2	30-00087	LIGHT HD WORK LAMP 65W
6	2	40-00163	WELDMENT STICK BOOM LIGHT MOUNT
7	5	40-00261	FTG-ZIRK 02MP HIGH PRESSURE
8	6	50-00105	HH CS M12 X 1.75 X 35

Engine Mounting

Engine Mounting Installation

BOM ID	Qty	Number	Description
1	1	15-00005	MOUNTING ASSEMBLY ENGINE
2	1	15-00047	BATTERY BOX PACKAGE
3	4	15-00057	ISOLATOR

Cooler Assembly

Cooler Installation

BOM ID	Qty	Number	Description
1	1	15-00004	COOLING ASSEMBLY
2	5	15-00057	ISOLATOR

Engine Components

AC Installation

BOM ID	Qty	Number	Description
1	1	12-00342	AC CONDENSER
2	1	15-00100	AC COMPRESSOR
3	2	15-00122	AC CONDENSER BRACKET
4	1	15-00123	AC COMPRESSOR BRACKET

Exterior
Left Hand Outside Assembly

BOM ID	Qty	Number	Description
1	1	12-00368	MIRROR ASSEMBLY
2	1	12-00565	STEP - BOLT ON - WELDMENT
3	1	12-00628	ASSY DOOR
4	1	12-00593	GRAB HANDLE
5	1	12-00594	GRAB HANDLE

Door
Door Assembly

BOM ID	Qty	Number	Description
1	1	12-00621	HANDLE
2	1	12-00602	WINDOW UPPER DOOR STATIONARY
3	1	12-00609	WINDOW UPPER DOOR SLIDER
4	1	12-00658	WINDOW SEAL UPPER DOOR
5	1	12-00659	FRAME WINDOW UPPER DOOR
6	1	12-00660	BRACE
7	1	12-00624	LINK
8	1	12-00622	COVER
9	1	12-00601	WINDOW
10	1	12-00627	PANEL
11	1	12-00626	STRIKER
12	2	12-00625	HINGE
13	1	12-00623	LATCH
14	1	12-00661	BALL GRAB HANDLE
15	1	12-00608	WINDOW SEAL

Interior
Floor Assembly

BOM ID	Qty	Number	Description
1	1	12-00548	FLOOR MAT
2	1	30-00468	TRAVEL PEDAL BOOT
3	1	30-00126	FOOT PEDAL
4	1	12-00369	FOOT PEDAL WLDT
5	1	40-00114	VALVE
6	1	12-00304	CAB FLOOR HEAT GRATE
7	1	12-00513	SEAT

HVAC
Plenum Assembly

BOM ID	Qty	Number	Description
1	4	50-00567	BUTTON HEAD CAP SCREW .25-20 X .50
2	9	12-00662	PLUG .50
3	3	12-00663	HOSE ADAPTER 3 INCH
4	1	12-00664	COVER
5	1	12-00665	PLENUM
6	1	12-00666	BOX
7	3	12-00667	DOOR
8	3	12-00668	ACTUATOR 12-24 VOLT
9	12	50-00568	CRIMPTITE .375

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