



McElroy Manufacturing, Inc.

The leader by design.

Tulsa, Oklahoma U.S.A.

DRAWN:

ERA

CHECK:

BWJ

APPROV'D:

DWP

DATE:

02/17/11

SHT

No: 1A

REV

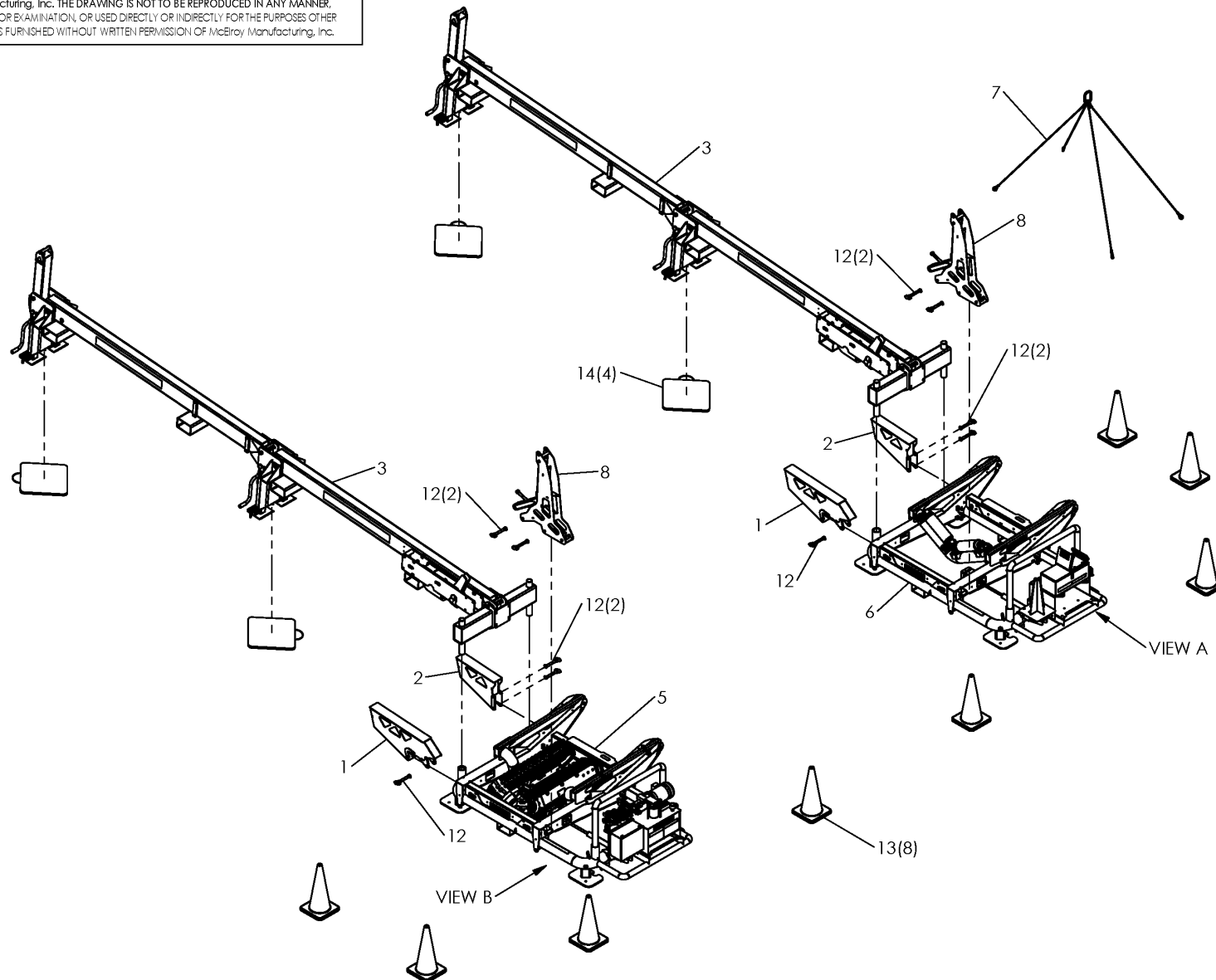
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PART

No: 4834001

MegaMc™ Polyhorse™ 220-240V, 50/60Hz, 3Ph ASSEMBLY

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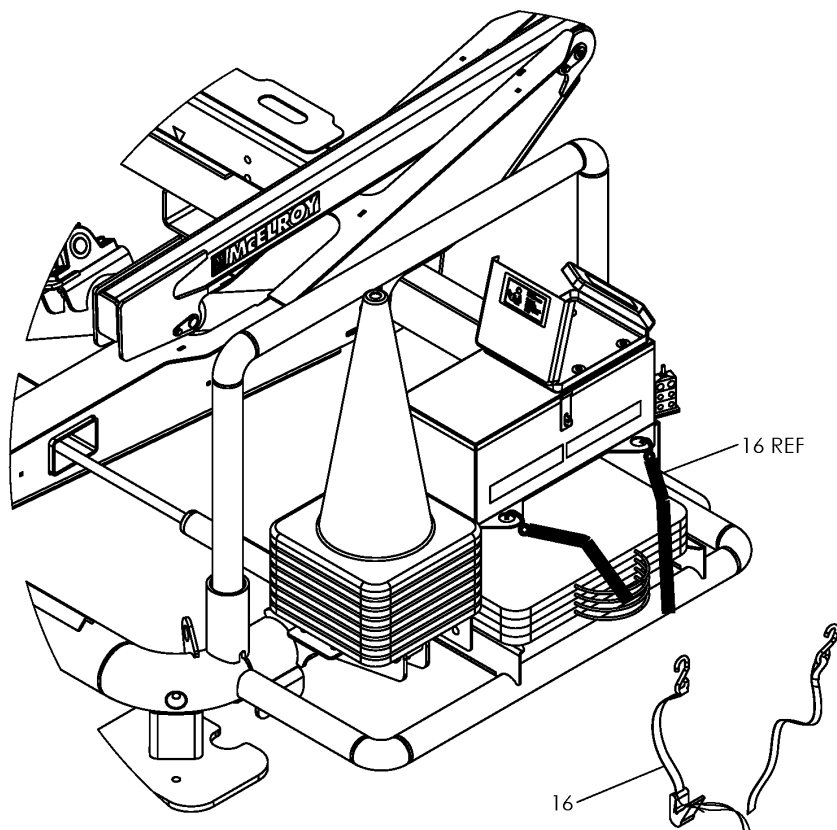
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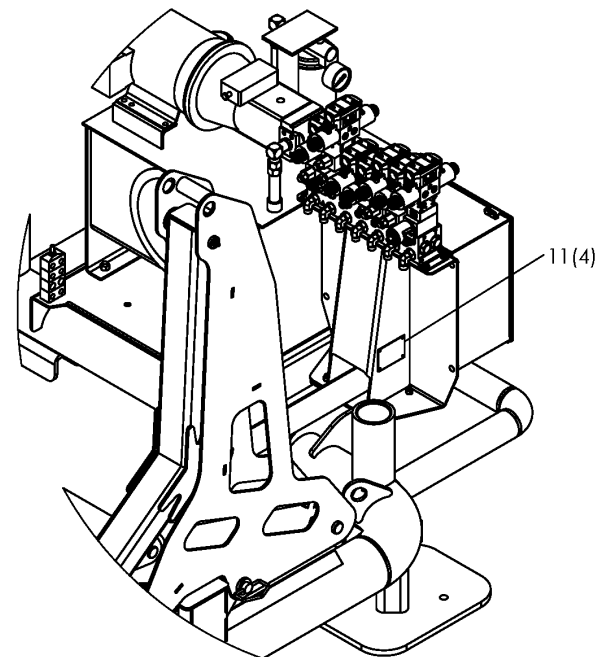
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VIEW A
CONES AND PADS
STOWED IN ROLLER UNIT



VIEW B
NAMEPLATE
ON TRACKED UNIT



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PART No: 4834001

MegaMc™ Polyhorse™ 220-240V, 50/60Hz, 3Ph ASSEMBLY

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NOTES:

1. THE RELIEF VALVE CARTRIDGE IN VALVE MANIFOLD NEEDS TO BE SET ALL THE WAY IN (CLOCKWISE) USING A 5/16" ALLEN WRENCH AND 9/16" END WRENCH. THIS WILL ACHIEVE A PRESSURE SETTING OF 3000 psi. LOCK THE JAM NUT ON THE RELIEF VALVE AFTERWARDS. AFTER FILLING HPU WITH FLUID, START HPU, AND ALLOW PUMP TO BUILD PRESSURE. PUMP PRESSURE SHOULD BE SET AT 2500 psi. TURN THE PRESSURE ADJUSTMENT CLOCKWISE TO INCREASE PRESSURE AND COUNTER CLOCKWISE TO DECREASE PRESSURE. LOCK ADJUSTMENT JAM NUT.
2. CONNECT THE EXTENSION HOSES TO THE TRACKED PIPE STAND AND INTERCONNECT THE MALE AND FEMALE COUPLINGS ON THE OTHER END OF THE EXTENSION HOSES (DO NOT CONNECT HOSES TO THE ROLLER PIPE STAND YET). OPERATE EACH FUNCTION SWITCH BACK AND FORTH SEVERAL TIMES TO PURGE THE AIR. CONNECT THE EXTENSION HOSES TO THE ROLLER PIPE STAND. DISCONNECT THE DISPENSER AND LOWERING ARM CYLINDERS AND INTERCONNECT THE MALE AND FEMALE COUPLINGS. OPERATE PIPE DISPENSER SWITCH BACK AND FORTH SEVERAL TIMES TO PURGE THE AIR. RECONNECT THE HOSES TO CYLINDERS AND OPERATE PIPE DISPENSER IN BOTH DIRECTIONS SEVERAL TIMES. CHECK HYDRAULIC FLUID LEVEL AFTER FILLING ALL CYLINDERS. FILL TO FULL WITH ALL CYLINDERS RETRACTED.
3. ONCE SYSTEM PRESSURE IS SET AND EACH FUNCTION HAS BEEN OPERATED BACK AND FORTH SEVERAL TIMES TO PURGE THE AIR, THE FLOW CONTROL VALVES CAN BE SET AS FOLLOWS:
 - a. TRACK TROLLEY TO 16 SEC FOR FULL TOWARD AND AWAY CYCLE.
 - b. ROLLER TROLLEY TO 16 SEC FOR FULL TOWARD AND AWAY CYCLE.
 - c. TRACK BOOM- SAME UP/DOWN SPEED AS ROLLER BOOM.
4. ADJUST PIPE DISPENSER SEQUENCE VALVE USING A 3/16" ALLEN WRENCH AND 11/16" END WRENCH. BACK THE ADJUSTMENT ALL THE WAY OUT AND TURN TWO TURNS IN (CLOCKWISE). THIS WILL ACHIEVE A PRESSURE SETTING OF 1200 PSI. LOCK THE JAM NUT ON THE SEQUENCE VALVE AFTERWARDS.
5. STOW THE TRACK AND ROLLER UNITS IN SHIPPING CONFIGURATION.
 - a. RAISE THE TRACK BOOM SLIGHTLY SO FORKS WILL CLEAR BOTTOM STRUCTURAL TUBE.
 - b. CENTER TRACK AND ROLLER TROLLEY SO THAT ARROWS LINE UP.
6. STOW LIFTING SLING, PENDANT AND PENDANT CORD IN TOOLBOX. AFFIX COVER ON PENDANT CORD RECEPTACLE ON CONTROL BOX.
7. STOW OUTRIGGER PADS UNDER TOOLBOX. COIL EXTENSION HOSE SET AND SET ON TOP OF OUTRIGGER PADS, WITH QUICK DISCONNECTS IN CENTER OF COIL. DO **NOT** CONNECT EXTENSION HOSE QUICK DISCONNECT ENDS TOGETHER. SECURE WITH RATCHET STRAP HOOKED TO TOOLBOX BRACKET LUGS, PASS THROUGH PAD HANDLE LOOPS AND UNDER FRAME BAR.
8. WHEN NOT CONNECTED, ENGAGE COVERS ON QUICK DISCONNECTS.
9. COIL DISPENSER EXTENSION HOSES AND HANG ON TROLLEY ELBOW OF EACH PIPE STAND.
10. COIL POWER CABLE AND STOW UNDER HPU.
11. STACK SAFETY CONES ON HOLDER ON ROLLER PIPE STAND.

McElroy Manufacturing Parts List

Part Number: 4834001 MegaMc Polyhorse 220-240V, 50/60Hz, 3Ph Assembly

Part Number 4834001 Component List

Item	Component	Description	Quantity	Unit	Price
1	4834501	Long Pipe Transfer Wld	2.0	EA	1,622.00
2	4834601	Short Pipe Transfer Wld	2.0	EA	748.00
3	4834901	MegaMc Polyhorse Rack Assembly	2.0	EA	0.00
4	4836001	MegaMc Polyhorse Electrical Assembly (Effective to 6/16/11)	1.0	EA	0.00
4	4840801	MegaMc Polyhorse 220-240V, 50/60Hz, 3Ph Electrical Assembly	1.0	EA	0.00
5	4836801	MegaMc Polyhorse 220-240V, 50/60Hz, 3Ph Tracked Pipe Stand Assembly	1.0	EA	0.00
6	4836901	MegaMc Polyhorse Roller Pipe Stand Assembly	1.0	EA	0.00
7	4838601	Trac Drv Pipe Stand Lift Sling	1.0	EA	686.00
8	4838901	MegaMc Polyhorse Lowering Arm Assembly	2.0	EA	4,674.00
9	4839001	MegaMc Polyhorse Plumbing Schematic	1.0	EA	0.00
10	4839401	MegaMc PolyHorse Operator's Manual	1.0	EA	0.00
11	MCK00005	1/8DIAX .462" Grip Blind Rivet	4.0	EA	0.44
12	MCK00083	1"X7"GRIP Length Hitch Pin	10.0	EA	70.33
13	MJQ00477	28" Orange Safety Cone	8.0	EA	82.94
14	MJQ00479	24X24X1 Uhmw Outrigger Pad	4.0	EA	336.00
16	MJD00031	Ratchet Tie DOWN,1"X10',RED	1.0	PK	97.12

Please visit <https://fusion.mcelroy.com/parts> to purchase parts or for more information.