

VE436MC Roll Grooving Tool



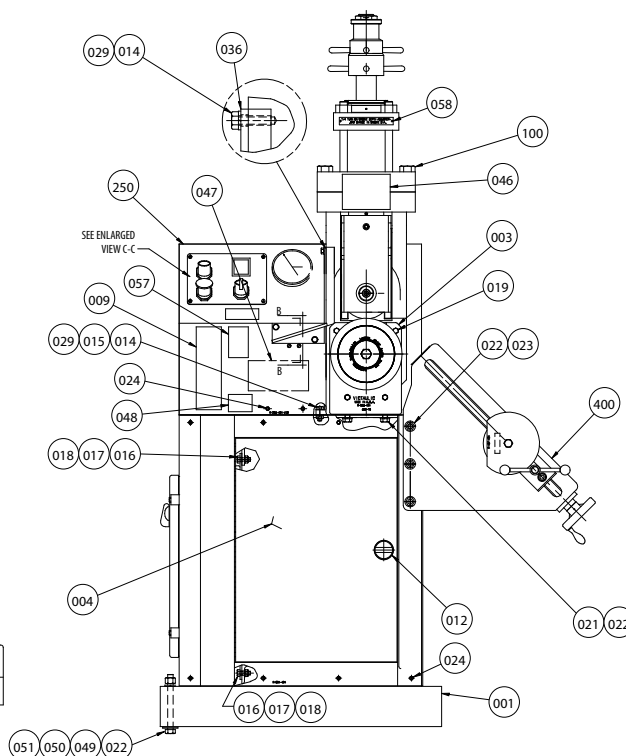
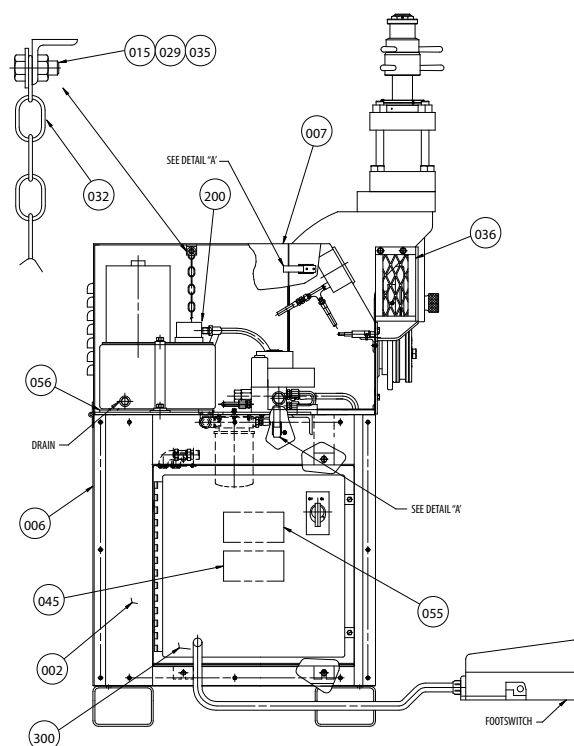
PARTS ORDERING INFORMATION

When ordering parts, the following information is necessary for Victaulic to process the order promptly:

1. Tool Model Number – VE436MC
2. Tool Serial Number – The Serial Number can be found on the side of the tool.
3. Quantity, Item Number, Part Number, Description
4. Where to send the part(s) – Company Name and Address
5. To whose attention to send the part(s)
6. Purchase Order Number

Parts may be ordered from your nearest Victaulic Sales Office.

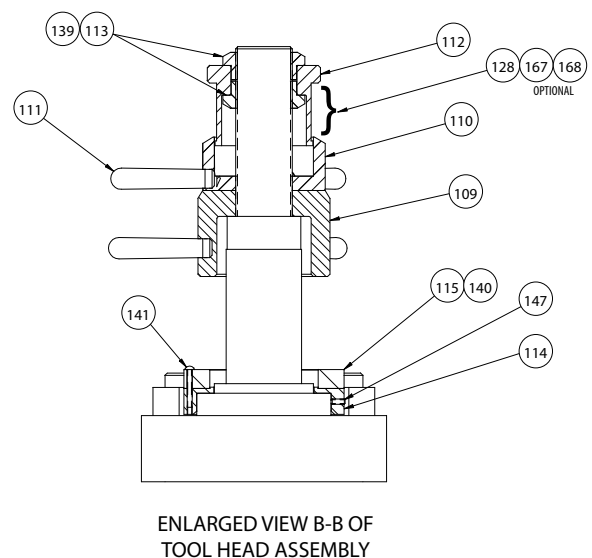
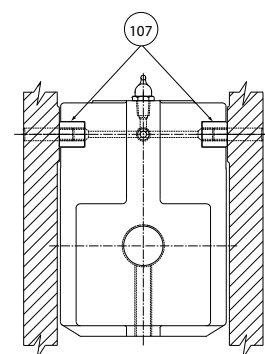
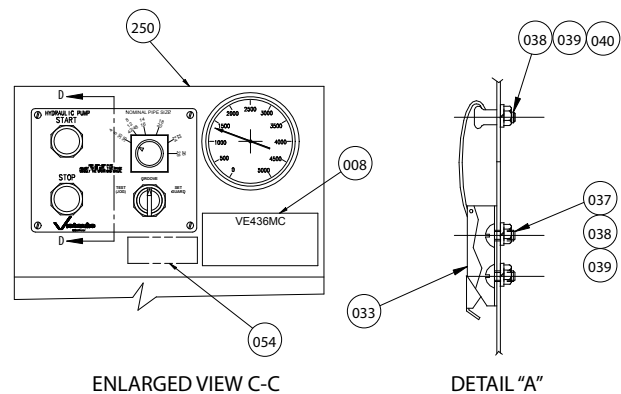
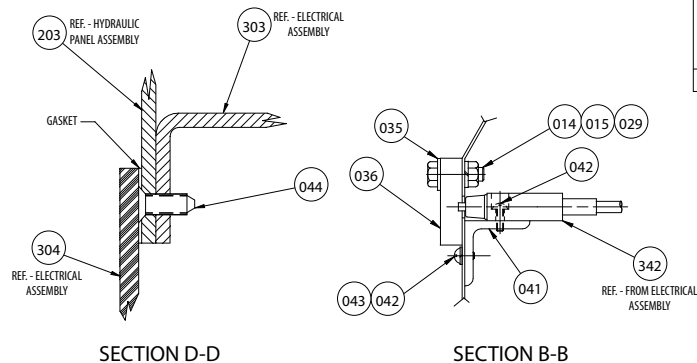
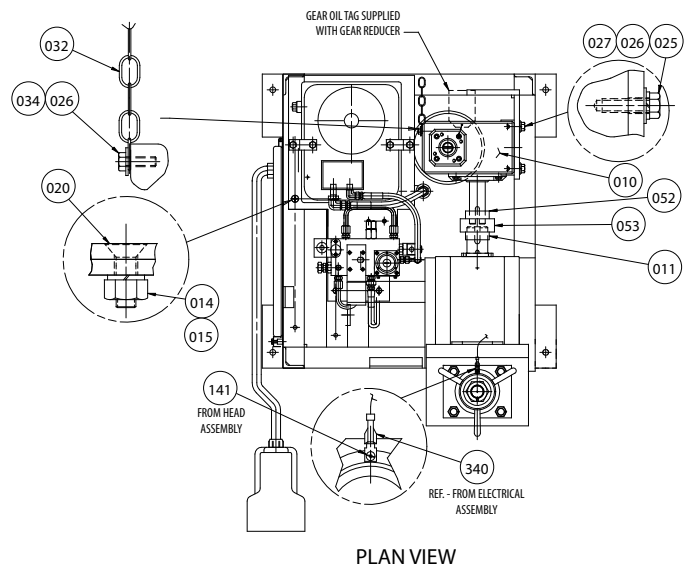
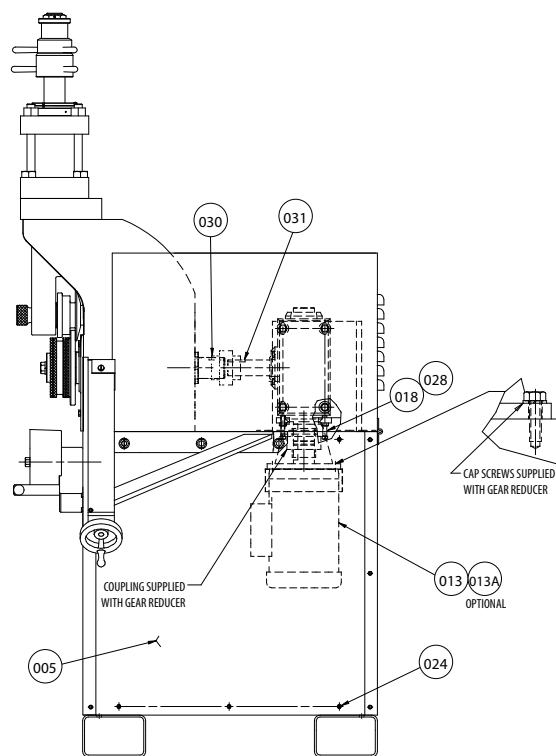
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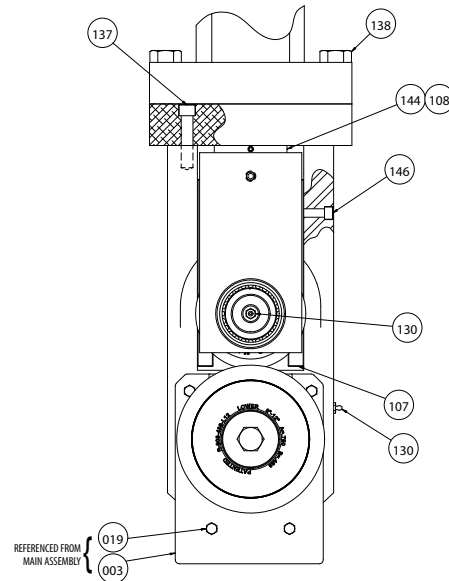
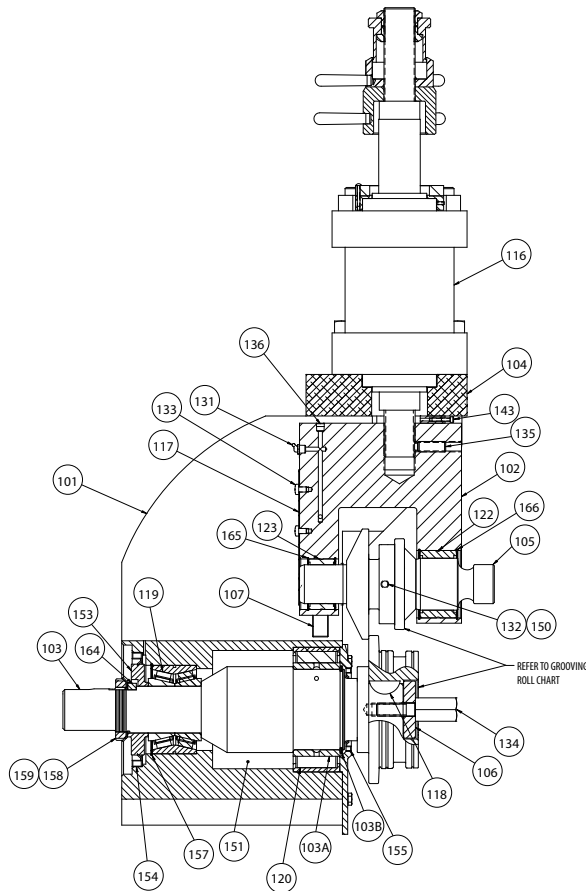
Item#	Part #	Qty.	Description
001	R-001-424-PNT	1	Frame
002	R-002-424-PNT	1	Enclosure, Left Side
003	R-003-424-MAC	1	Seal Housing
004	R-004-424-PNT	1	Enclosure, Front with Door
005	R-005-424-PNT	1	Enclosure, Right Side
006	R-006-424-PNT	1	Enclosure, Rear
007	R-007-460-PNT	1	Enclosure, Top
008	R-809-436-VE0	1	Identification/Serial No. Plate
009	R-009-424-LBL	1	"C" Diameter Reference Label
010	R-010-424-VE0	1	Gear Reducer Assembly
011	N-M10-000-01C	1	Chain Coupling
012	N-M07-000-001	1	Door Latch
013	N-E01-000-001	1	Motor
013A	N-E01-000-003	1	Motor, 5 HP, 1740 RPM, Special Re-Wind for 380V, 50/60 Hz Service
014	N-W03-050-001	14	3/16" Lock Washer, Pltd.
015	N-N01-050-000	13	3/16 - 18 UNC Hex Nut, Pltd.
016	N-S01-060-100	4	3/8 - 16 UNC x 1.00 Lg. Hex Head Cap Screw, Pltd.
017	N-W03-060-000	4	3/8" Lock Washer, Pltd.
018	N-N01-060-000	6	3/8 - 16 UNC Hex Nut, Pltd.
019	N-S01-050-012	4	3/16 - 18 UNC x .75 Lg. Hex Head Cap Screw, Pltd.
020	N-S04-050-100	4	3/16 - 18 UNC x 1.00 Lg. Hex Socket Flat Head Cap Screw, Blk. Ox.
021	N-S01-080-112	6	1/2 - 13 UNC x 1.75 Lg. Hex Head Cap Screw, Pltd.
022	N-W03-080-000	16	1/2" Lock Washer, Pltd.
023	N-S01-080-108	6	1/2 - 13 UNC x 1.50 Lg. Hex Head Cap Screw, Pltd.
024	N-S30-012-014	42	#12 - 24 UNC x .88 Lg. Heavy Duty Hex Washer Head Structural Self-Drilling Screw
025	N-S02-070-104	4	7/16 - 14 UNC x 1.25 Lg. Grd. 8 Hex Hd. Cap Screw, Pltd.
026	N-W01-070-000	5	7/16" Flat Washer, Pltd.
027	N-W03-070-000	4	7/16" Lock Washer, Pltd.
028	N-S81-060-200	2	3/8 - 16 UNC x 2.00 Lg. Cup Pt. Set Screw, Blk. Ox.
029	N-S01-050-100	7	3/16 - 18 UNC x 1.00 Lg. Hex Hd. Cap Screw, Pltd.
030	N-K02-080-100	1	.50 x 1.00 Lg. Square Key
031	N-K02-060-210	1	.38 x 2.63 Lg. Square Key

Item#	Part #	Qty.	Description
032	N-M09-000-001	1	Chain
033	N-M07-000-002	2	Draw Latch Assembly
034	N-S01-070-012	1	7/16 - 14 UNC x .75 Lg. Hex Head Cap Screw, Plt'd.
035	N-W01-050-000	3	3/16" Flat Washer, Plt'd.
036	R-806-436-VE0	1	Roll Guard
037	N-S08-008-080	4	#8 - 32 UNC x .50 Lg. Slotted Truss Head Mach. Screw, Plt'd.
038	N-N01-008-000	6	#8 - 32 UNC Hex Nut, Plt'd.
039	N-W03-008-000	6	#8 Lock Washer, Plt'd.
040	N-S04-008-080	2	#8 - 32 UNC x .50 Lg. Slot. Flat Hd. Mach. Screw, Plt'd.
041	R-043-424-PNT	1	Guard Interlock Switch Bracket
042	N-S06-010-010	4	#10 - 24 UNC x .63 Lg. Pan Hd. Phillips Screw, Plt'd.
043	N-W03-010-000	2	#10 Lock Washer, Plt'd.
044	N-S21-006-001	2	#6 - 20 x .38 Type AB, Type 1, Cross Recessed Flat, Csnk. Hd. Tapping Screw, Plt'd.
045	R-090-424-LAB	1	Danger Label
046	R-091-424-LAB	1	Warning Label
047	R-031-272-LAB	1	Instruction Warning Label
048	R-010-416-LAB	1	Standard Wall Thickness Label
049	N-S01-080-508	4	1/2 - 13 UNC x 5.50 Lg. Hex Hd. Cap Screw, Plt'd.
050	N-W01-080-000	4	1/2" Flat Washer, Plt'd.
051	N-N01-080-000	4	1/2 - 13 UNC Hex Nut, Plt'd.
052	N-M10-000-015	1	Chain Coupling
053	N-M10-000-022	1	Chain
054	R-095-424-LBL	1	Control Panel Warning Label
055	R-024-268-LBL	1	Operating Specifications Label
056	R-058-424-MCH	1	Vibration Isolator
057	R-011-424-LBL	1	"C" Diameter Reference Label (AGS)
058	R-148-424-LAB	1	Groove Diameter Adjustment Plate
100	R-100-436-VE0	1	Tool Head Assembly
200	R-200-424-VE0	1	Hydraulic Power Unit Assembly
250	R-250-436-VE0	1	Hydraulic Panel Assembly
300	R-300-424-VE0	1	Electrical Assembly
400	R-400-424-VE0	1	Stabilizer Assembly

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Grooving Roll Chart

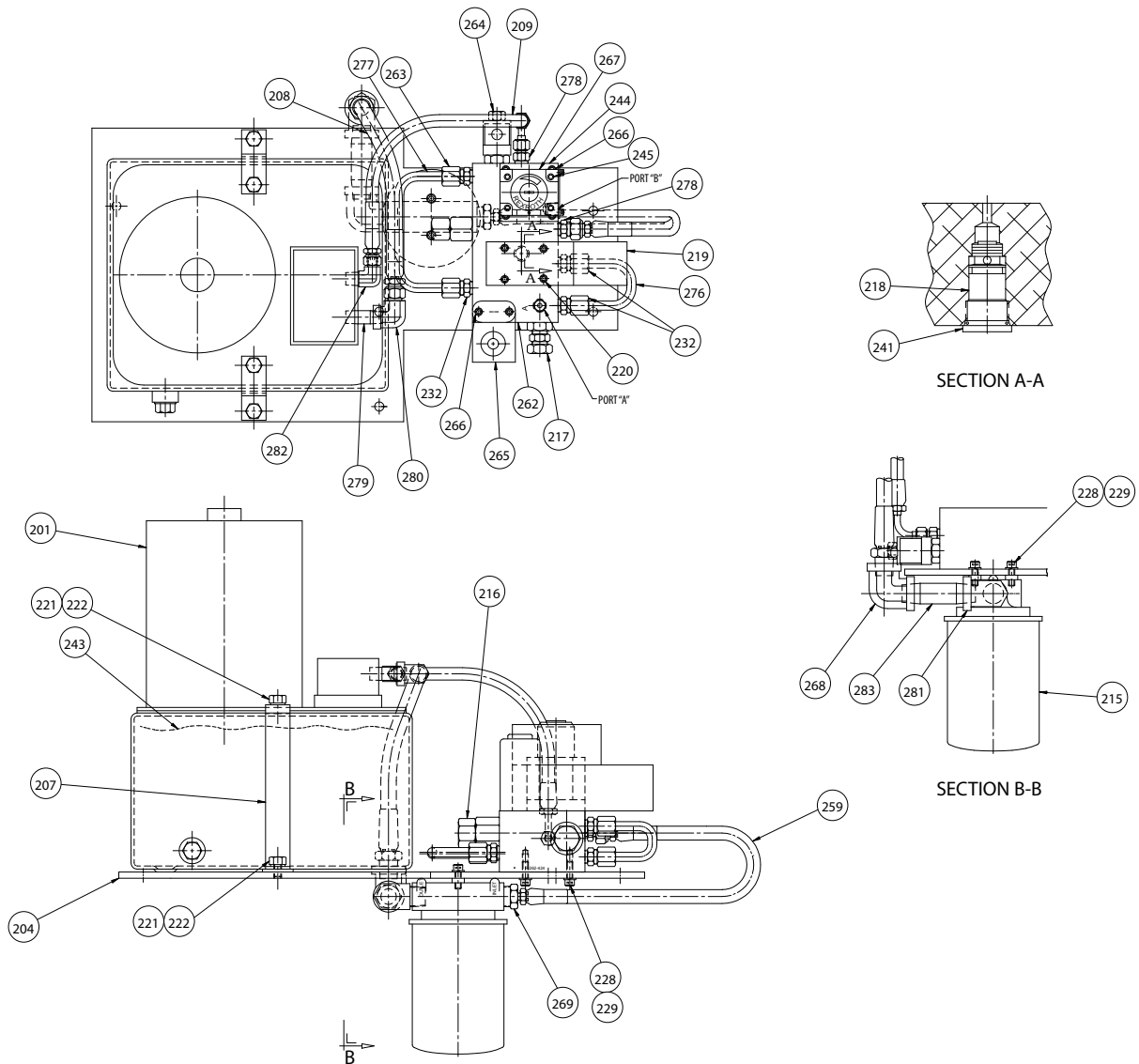
Qty.	Part Number	Description
1 Set	R-904-436-006	4 - 6" Roll Set
1 Set	R-908-436-012	8 - 12" Roll Set
1 Set	R-W01-436-024	14 - 24" Roll Set (AGS)
1 Set	R-926-436-036	26 - 36" Roll Set

Item#	Part #	Qty.	Description
101	R-101-448-MCH	1	Tool Head
102	R-102-436-VE0	1	Slide *
103	R-103-436-VE0	1	Main Shaft
103A	N-B04-387-001	1	Bearing Race
103B	N-T56-000-387	1	Retaining Ring
104	R-104-436-VE0	1	Cylinder Mounting Block
105	R-105-436-VE0	1	Upper Shaft
106	R-106-424-PLT	1	Lower Roll Washer
107	R-107-424-MAC	2	Gib
108	R-108-436-VE0	1	Slide Spacer
109	R-109-436-VE0	1	Depth Adjuster Lock
110	R-110-436-VE0	1	Depth Adjuster
111	R-111-424-PLT	6	Depth Adjuster Handle
112	R-112-424-PLT	1	Depth Adjuster Barrel
113	R-113-436-VE0	2	Depth Adjuster Calibration Nut
114	R-114-436-VE0	1	Insulating Ring
115	R-115-436-VE0	1	Grounding Ring
116	N-M40-000-002	1	Cylinder
117	R-110-350-MC2	1	Upper Shaft Spring
118	N-K01-081-200	1	Woodruff Key
119	N-B02-225-001	2	Tapered Roller Bearing
120	N-B02-450-001	1	Roller Bearing
121	N-B04-425-001	1	Bearing Cup
122	N-B02-250-002	1	Roller Bearing
123	N-B02-187-001	1	Roller Bearing
128	R-127-436-LBL	1	Pipe Size Indicator Label
130	N-M01-000-002	2	Lube Fitting
131	N-M01-000-001	1	Lube Fitting

Item#	Part #	Qty.	Description
132	N-S81-060-010	8	3/8 - 16 UNC x .63 Lg. Cup Pt. Set Screw, Blk. Ox.
133	N-S06-040-006	2	1/4 - 20 UNC x .38 Lg. Pan Hd. Phillips Screw, Pltd.
134	R-075-448-PLT	1	Lower Roll Retaining Screw
135	N-S80-080-108	1	1/2 - 13 UNC x 1 1/2 Lg. Set Screw with Brass Tip
136	N-H16-002-001	1	1/8" Flush Socket Pressure Plug
137	N-S03-080-208	8	1/2 - 13 UNC x 2 1/2" Lg. Socket Hd. Cap Screw, Blk. Ox.
138	N-S01-149-308	4	7/8 - 9 UNC x 3 1/2 Lg. Grd. 8 Hex Bolt, Pltd.
139	N-S83-010-004	2	#10 - 32 UNF x 1/4 Lg. Set Screw with Brass Tip
140	N-S04-006-100	2	#6 - 32 x 1.00 Lg. Flat Hd. Slotted Screw, Pltd.
141	N-S07-006-100	1	#6 - 32 UNC x 1.00 Lg. Rnd. Hd. Slotted Screw, Pltd.
143	N-S03-008-100	1	#8 - 32 x 1.00 Lg. Socket Hd. Cap Screw, Blk. Ox.
144	N-M12-000-004	2	Ball Plunger
146	N-S03-060-104	6	3/8 - 16 UNC x 1.25 Lg. Socket Hd. Cap Screw, Blk. Ox.
147	N-S81-006-006	3	#6 - 32 UNC x 3/8 Lg. Cup Pt. Set Screw
150	N-S82-060-003	8	3/8 - 16 UNC x .19 Lg. Socket Jam Screw, Blk. Ox.
151	N-M02-000-001	As Req.	Grease, Lubriplate
153	R-153-424-MAC	1	Grease Seal Collar
154	N-M11-000-001	1	Grease Seal
155	N-M11-000-002	1	Grease Seal
157	N-T53-000-425	1	Retaining Ring
158	N-B63-000-011	1	Locknut
159	N-B61-000-111	1	Lockwasher
164	R-164-424-MAC	1	Grease Seal Collar Key
165	N-T53-000-243	2	Retaining Ring
166	N-T53-000-325	2	Retaining Ring
167	R-167-424-LAB	1	JIS and British Pipe Size Indicator Label
168	R-168-424-LAB	1	DIN Pipe Size Indicator Label

* A slide upgrade kit is available for use with "Quick Change" upper rolls (part number R-150-436-KIT). Contact Victaulic for additional information.

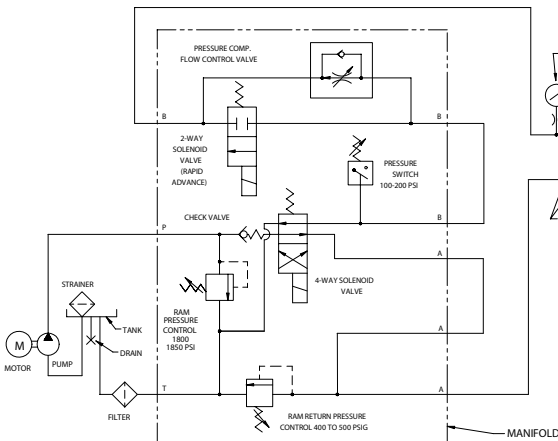
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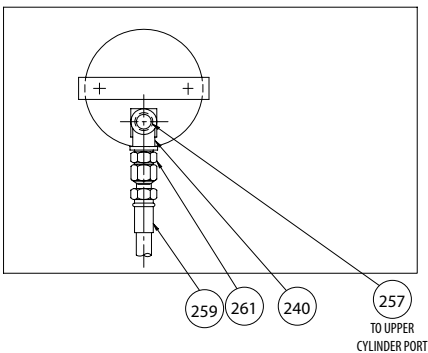
Item#	Part #	Qty.	Description
201	N-H05-000-005	1	Hydraulic Power Unit
204	R-204-424-PNT	1	Hydraulic System Mounting Plate
207	R-207-424-PNT	2	Hydraulic System Mounting Bracket
208	R-208-424-VE0	1	Hose Assembly
209	R-209-424-VE0	1	Hose Assembly
215	N-H08-000-002	1	Return Line Filter
216	N-H04-000-030	1	Relief Valve
217	N-H04-000-002	1	Relief Valve
218	N-H04-000-003	1	Check Valve
219	N-H04-000-004	1	4-Way Valve
220	N-S03-010-200	4	#10 - 24 UNC x 2.0" Lg. Socket Hd. Cap Screw, Blk. Ox.
221	N-S16-050-008	4	5/16" - 24 UNF x .50 Lg. Hex Hd. Cap Screw, Pltd.
222	N-W03-050-000	4	5/16" Lockwasher, Pltd.
228	N-W03-040-000	4	1/4" Lockwasher, Pltd.
229	N-S03-040-012	4	1/4 - 20 UNC x .75 Lg. Socket Hd. Cap Screw, Blk. Ox.
232	N-H11-006-001	3	Connector
241	N-H16-010-001	1	O-Ring Plug
243	-	As Req.	Hydraulic Oil, ISO 32
244	N-H04-000-031	1	Adapter Plate

Item#	Part #	Qty.	Description
245	-	4	M5 x .8 x 35 mm Lg. Socket Hd. Cap Screw, Blk. Ox.
247	-	As Req.	Ribbon Dope
259	R-259-424-VE0	1	Hose Assembly
262	R-262-424-MAC	1	Hydraulic Manifold
263	N-H11-006-002	1	Connector
264	N-H04-000-005	1	Solenoid Valve
265	N-H18-000-001	1	Pressure Switch
266	N-S03-010-100	6	#10 - 24 UNC x 1.0 Lg. Socket Hd. Cap Screw, Blk. Ox.
267	N-H04-000-006	1	2-Way Valve
268	N-H12-008-001	1	90° Elbow, 1/2 Female NPT x 1/2 Female NPT
269	N-H11-008-001	1	Reducing Bushing
276	R-276-424-MAC	1	Hydraulic Tubing, Manifold to Manifold
277	R-277-424-MAC	1	Hydraulic Tubing, Manifold to Manifold
278	N-H11-004-001	2	Male Connector
279	N-H11-004-002	1	1/4" Sch. 40 x 1.50 Lg. Pipe Nipple, Threaded Ends
280	N-H12-004-006	1	90° Female Elbow, 1/4 Female NPT x 3/8 - 37° Flare Tube
281	N-H12-008-002	1	90° Street Elbow, 1/2 Female NPT x 1/2 Male NPT
282	N-H12-004-004	1	90° Male Elbow, 1/4 Male NPT x 1/4 - 37° Flare Tube
283	N-H11-008-003	1	1/2" Sch. 40 x 3 Lg. Pipe Nipple, Threaded Ends

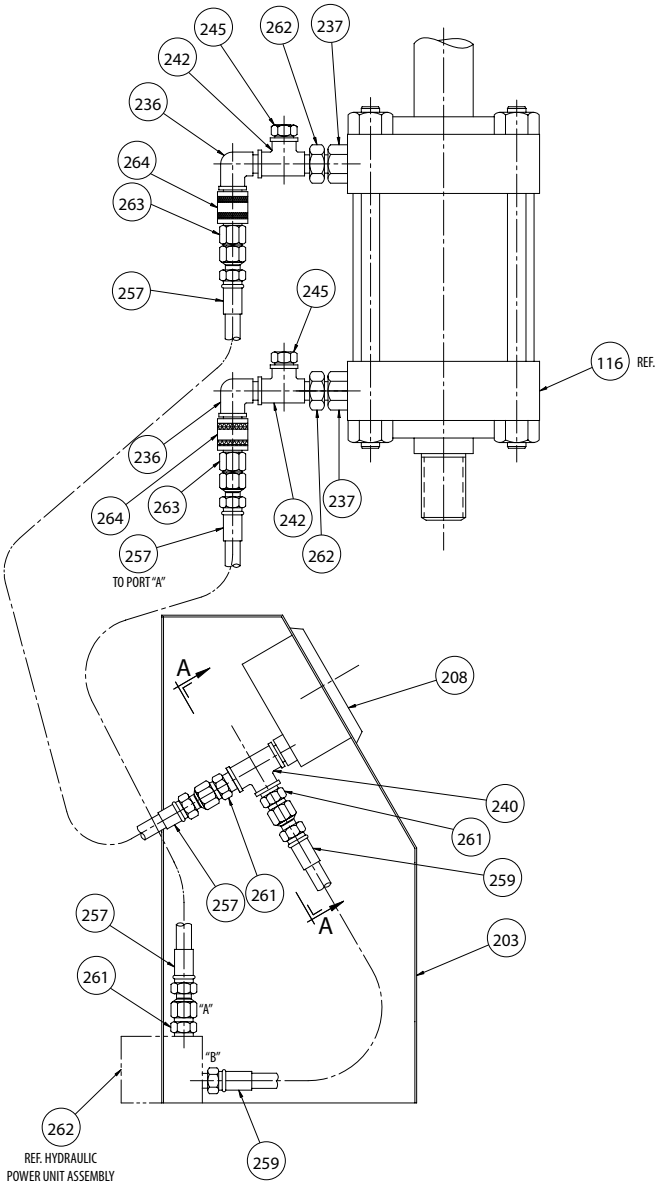
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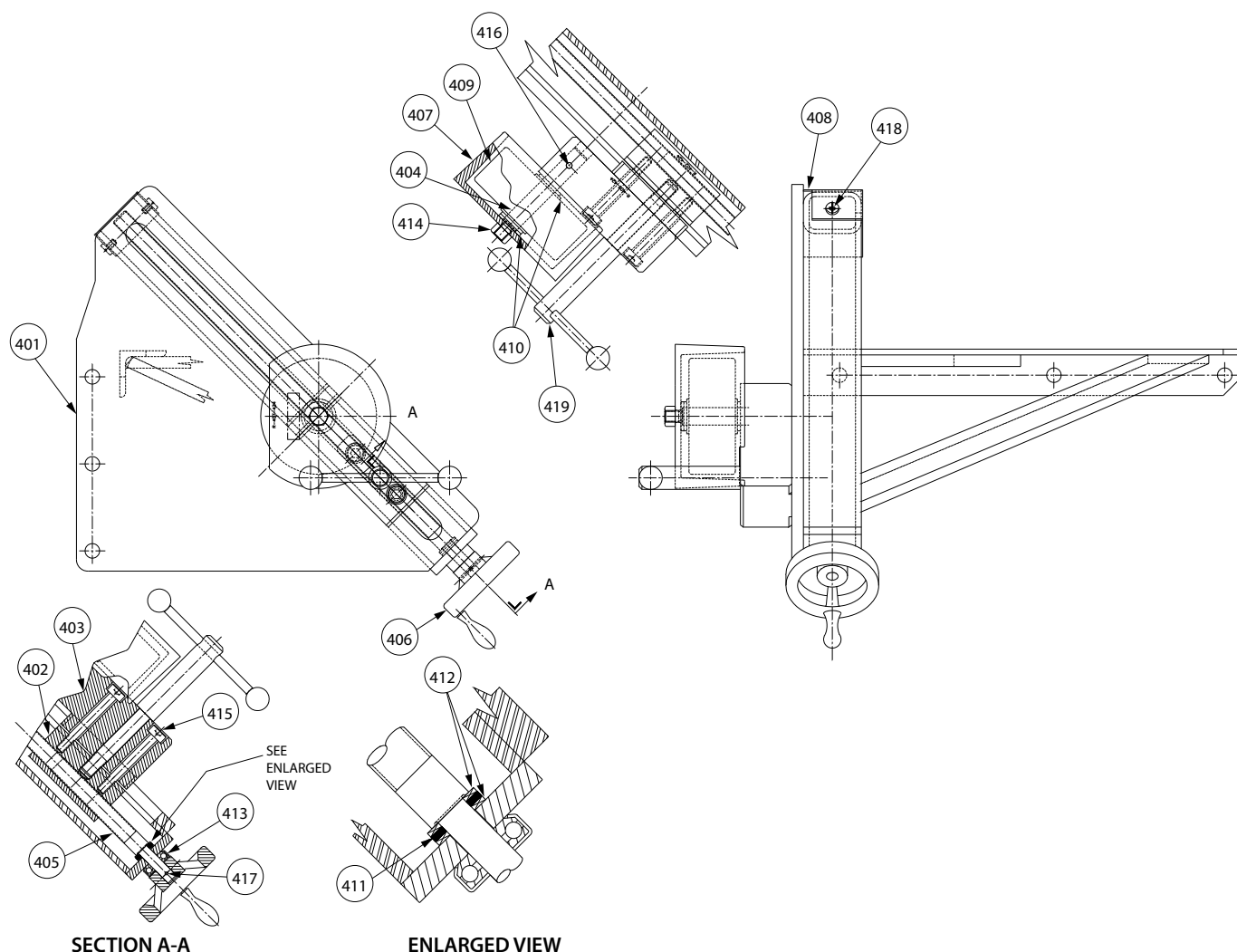
VIEW A-A



Item#	Part #	Qty.	Description
116	N-M40-000-002	Ref.	Hydraulic Cylinder
203	R-803-436-VE0	1	Hydraulic Panel
208	N-H03-000-001	1	Gauge
236	H-H12-004-002	2	90° Elbow
237	N-H11-006-017	2	3/4" SAE to 1/2" NPT Female Adapter
240	N-H14-004-001	1	Female Tee
242	N-H14-004-002	2	Street Tee
245	N-H16-004-001	2	Hex Head Plug

Item#	Part #	Qty.	Description
247	-	As Req.	Ribbon Dope
257	R-257-424-VE0	2	Hose Assembly
259	R-259-424-VE0	1	Hose Assembly
261	N-H11-004-001	3	JIC 37° x 1/4 NPT Male Connector
262	N-H11-004-015	2	1/2 NPT Male to 1/4 NPT Female Connector
263	N-H11-004-012	2	Nipple
264	N-H50-004-00F	2	Coupler

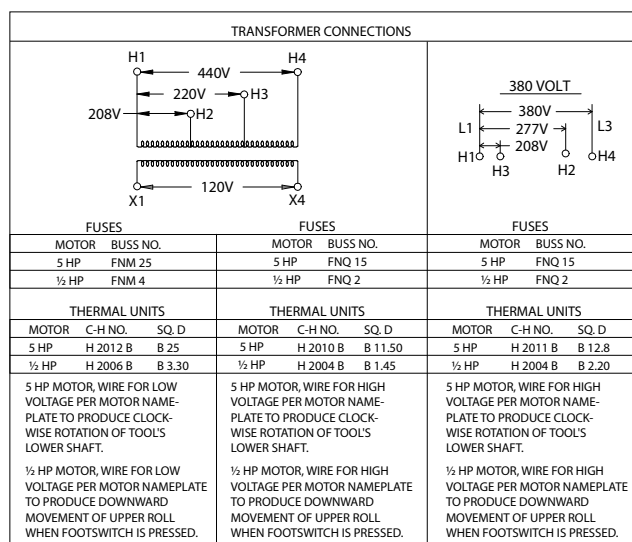
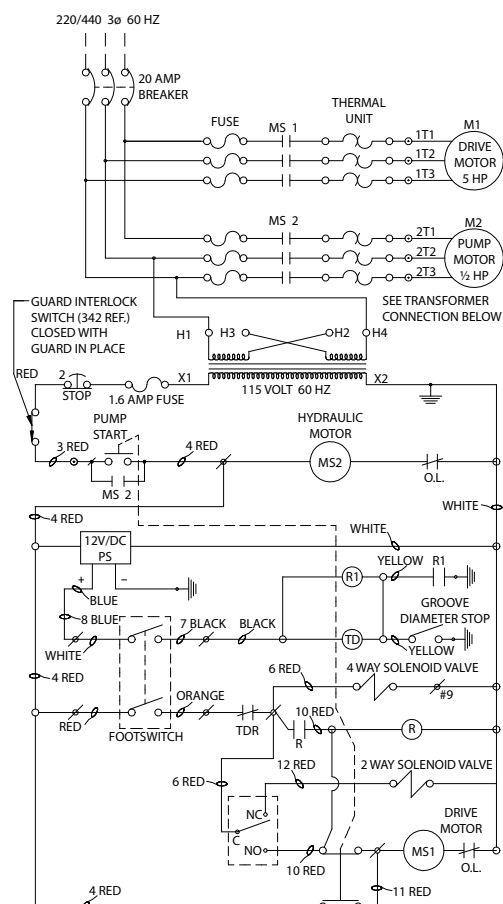
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Item#	Part #	Qty.	Description
401	R-401-424-PNT	1	Stabilizer Main Body
402	R-402-424-PLT	1	Stabilizer Guide Unit
403	R-403-424-PLT	1	Stabilizer Guide
404	R-404-424-MAC	1	Stabilizer Roller Shaft
405	R-405-424-MAC	1	Stabilizer Adjusting Screw
406	R-406-424-MAC	1	Stabilizer Handwheel
407	R-407-424-PNT	1	Stabilizer Roller Guard
408	R-408-424-PNT	1	Stabilizer Tube Cap
409	N-M05-000-002	1	5 x 2 3/4 Wheel, Polyurethane Tread
410	N-B05-075-004	3	Thrust Washer

Item#	Part #	Qty.	Description
411	N-B03-050-001	1	Thrust Bearing
412	N-B05-050-003	2	Thrust Washer
413	N-B03-050-002	1	Thrust Bearing
414	N-N02-080-000	1	1/2 - 20 UNF Std. Hex Nut, Steel Pltd.
415	N-S05-080-208	2	.50 Dia. x 2.50 Lg. Socket Head Shoulder Screw, Blk. Ox.
416	N-P01-004-208	1	.25 Dia. x 2.50 Lg. Roll Pin
417	N-P01-002-104	1	.13 Dia. x 1.25 Lg. Roll Pin
418	N-S06-040-006	2	1/4 - 20 UNC x .38 Lg. Pan Hd. Phillips Screw
419	R-419-424-PLT	1	Stabilizer Locking Handle

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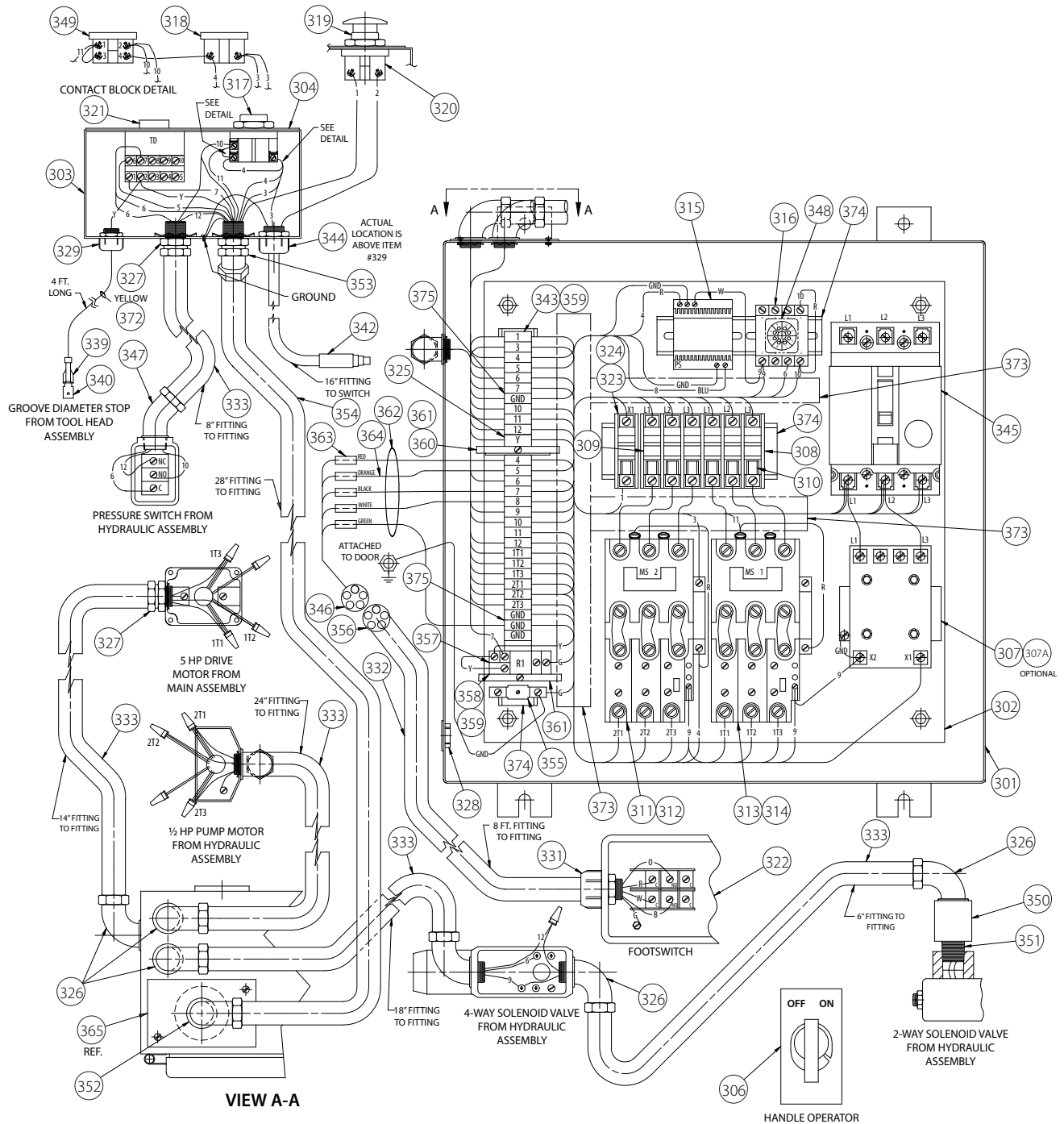


Item#	Part #	Qty.	Description
301	R-301-424-PNT	1	Main Electrical Enclosure
302	-	1	Main Enclosure Panel
303	R-303-424-VE0	1	Control Station Enclosure
304	R-814-436-LBL	1	Control Station Plate
306	N-E90-000-001	1	Handle Oper., Mech.
307	N-E10-000-021	1	Transformer (220/440V, 60 Hz)
307A	N-E10-000-002	1	Transformer (380V, 50/60 Hz)
308	N-E12-000-004	2	Fuse Holder
309	-	3	Fuse Buss (See Notes)
310	-	3	Fuse Buss (See Notes)
311	N-E11-000-001	1	Magnetic Starter
312	-	3	Thermal Unit (See Notes)
313	N-E11-000-002	1	Magnetic Starter
314	-	3	Thermal Unit (See Notes)
315	N-E16-000-002	1	Power Supply
316	N-E12-000-001	1	Relay Socket
317	N-E02-000-001	1	Push Button Oper.
318	N-E02-000-004	1	Contact Block
319	-	1	Push Button Oper.
320	N-E02-000-005	1	Contact Block
321	N-E09-000-004	1	Time Delay Relay with Adjustable Timer
322	N-E03-000-003	1	Footswitch
323	N-E12-000-004	1	Fuse Holder
324	N-E13-000-005	1	Fuse Buss
325	-	20 Pt.	Track Mtd. Contact Term.
326	-	7	½" 90° Connector
327	-	2	½" Straight Connector
328	-	1	Knock-Out Bushing

Item#	Part #	Qty.	Description
329	-	1	Strain Relief
331	N-E06-000-002	1	Straight Liquid-Tight Strain Relief Connector
332	N-E04-000-002	8 ft. Fit/Fit	Type SO Neoprene Jacketed Multicond. Cable 18/5
333	-	93"	½" Plastic Extra Flex
334	-	As Req.	12 Gauge Black MTW (Line Voltage Circuits)
335	-	As Req.	16 Gauge Red MTW (AC Control Circuits)
336	-	As Req.	16 Gauge White MTW (Neutral)
337	-	As Req.	16 Gauge Blue MTW (DC Control Circuit)
338	-	As Req.	12 Gauge Green MTW (Ground)
339	N-E05-000-003	1	Female Disconnect
340	N-E05-000-002	1	Male Tab
342	N-E02-000-006	1	Switch
343	-	1	Fanning Strip Terminal
344	N-E06-000-001	1	St. Strain Relief
345	N-E15-000-001	1	Circuit Breaker
346	N-E19-000-002	1	Receiver
347	-	1	½" 45° Connector
348	N-E09-000-001	1	Relay
349	N-E02-000-003	1	Contact Block
350	-	1	½" Coupling
351	-	1	½" Close Nipple
352	N-E06-000-039	1	¾" 90° Connector
353	-	1	¾" 45° Connector
354	-	30"	¾" Plastic Extra Flex

Continued on the following page

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Item#	Part #	Qty.	Description
355	-	2	Grounding Clamps
356	N-E08-000-001	1	Male Plug
357	N-E09-000-003	1	Relay, 12V DC
358	N-E12-000-003	1	Relay Socket
359	N-E05-000-008	1	Terminal Plug
360	-	1	Track Mntd. Contact End
361	-	2	Track Mntd. Contact End Clamp
362	-	24"	Spiral Wrap

Item#	Part #	Qty.	Description
363	-	5	Crimp on Lug
364	-	As Req.	16 Gauge Orange MTW (AC Control Circuits)
365	R-301-424-PNT	Ref.	Cover Plate
366	-	As Req.	12 Gauge Yellow MTW (Interrupted Ground)
372	-	As Req.	16 Gauge Yellow MTW (Groove Dia. Stop Grnd. Ring)
373	-	As Req.	Panduit Wire Duct
374	-	As Req.	DIN Rail
375	-	4	Grounding Terminal Block

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For complete contact information, visit www.victaulic.com

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