

VE436MC Roll Grooving Tool



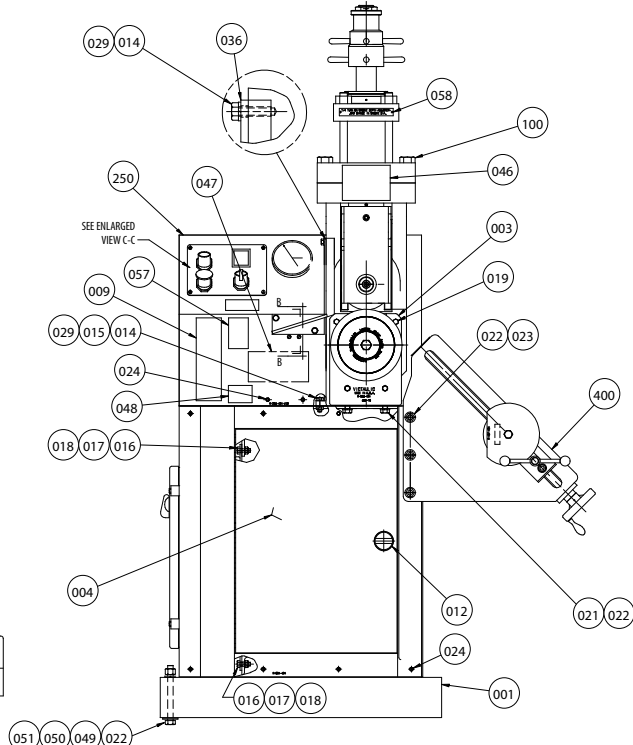
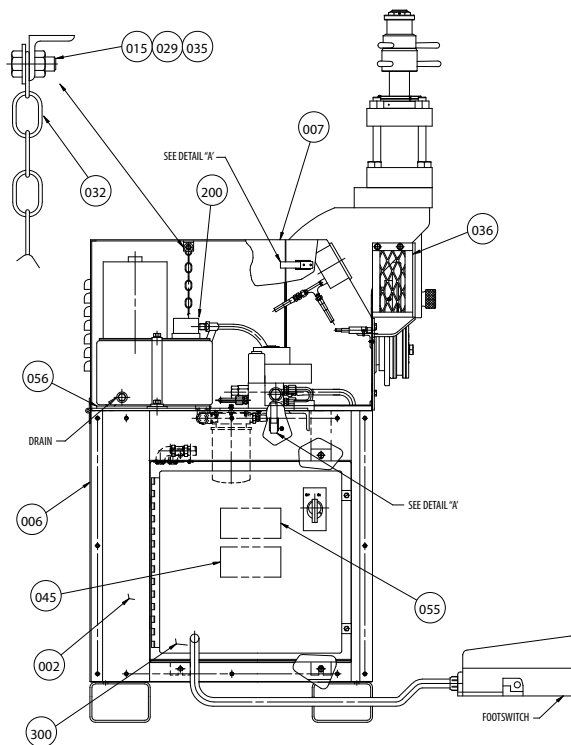
PARTS ORDERING INFORMATION

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.

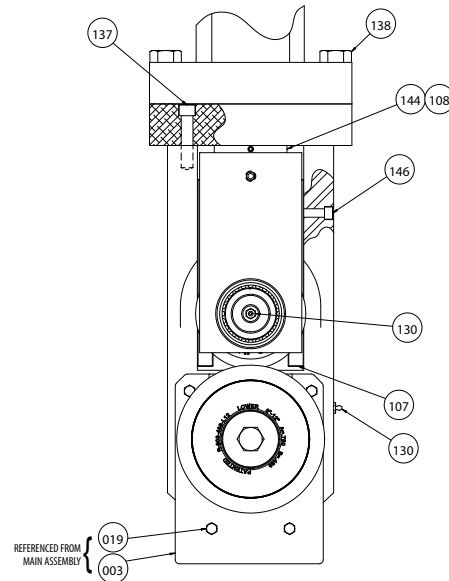
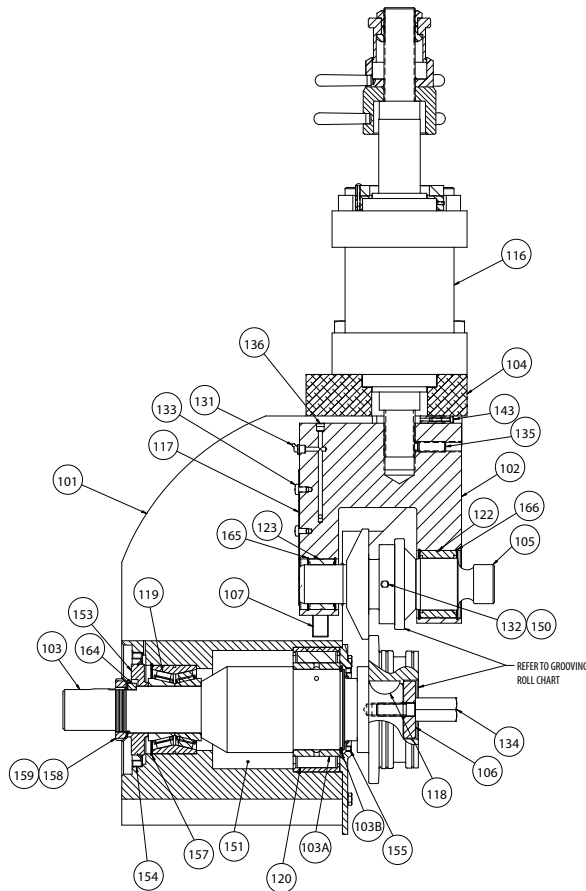
VE436MC Roll Grooving Tool



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	5/16" Lock Washer, Pltd.
015	N-N01-050-000	13	5/16 - 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	5/16 - 18 UNC x .75 Lg. Hex Head Cap Screw, Pltd.
020	N-S04-050-100	4	5/16 - 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	5/16 - 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, Pltd.
035	N-W01-050-000	3	5/16" Flat Washer, Pltd.
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, Pltd.
038	N-N01-008-000	6	#8 - 32 UNC Hex Nut, Pltd.
039	N-W03-008-000	6	#8 Lock Washer, Pltd.
040	N-S04-008-080	2	#8 - 32 UNC x .50 Lg. Slot. Flat Hd. Mach. Screw, Pltd.
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, Pltd.
043	N-W03-010-000	2	#10 Lock Washer, Pltd.
044	N-S21-006-001	2	#6 - 20 x .38 Type AB, Type 1, Cross Recessed Flat, Csnk. Hd. Tapping Screw, Pltd.
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, Pltd.
050	N-W01-080-000	4	1/2" Flat Washer, Pltd.
051	N-N01-080-000	4	1/2 - 13 UNC Hex Nut, Pltd.
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

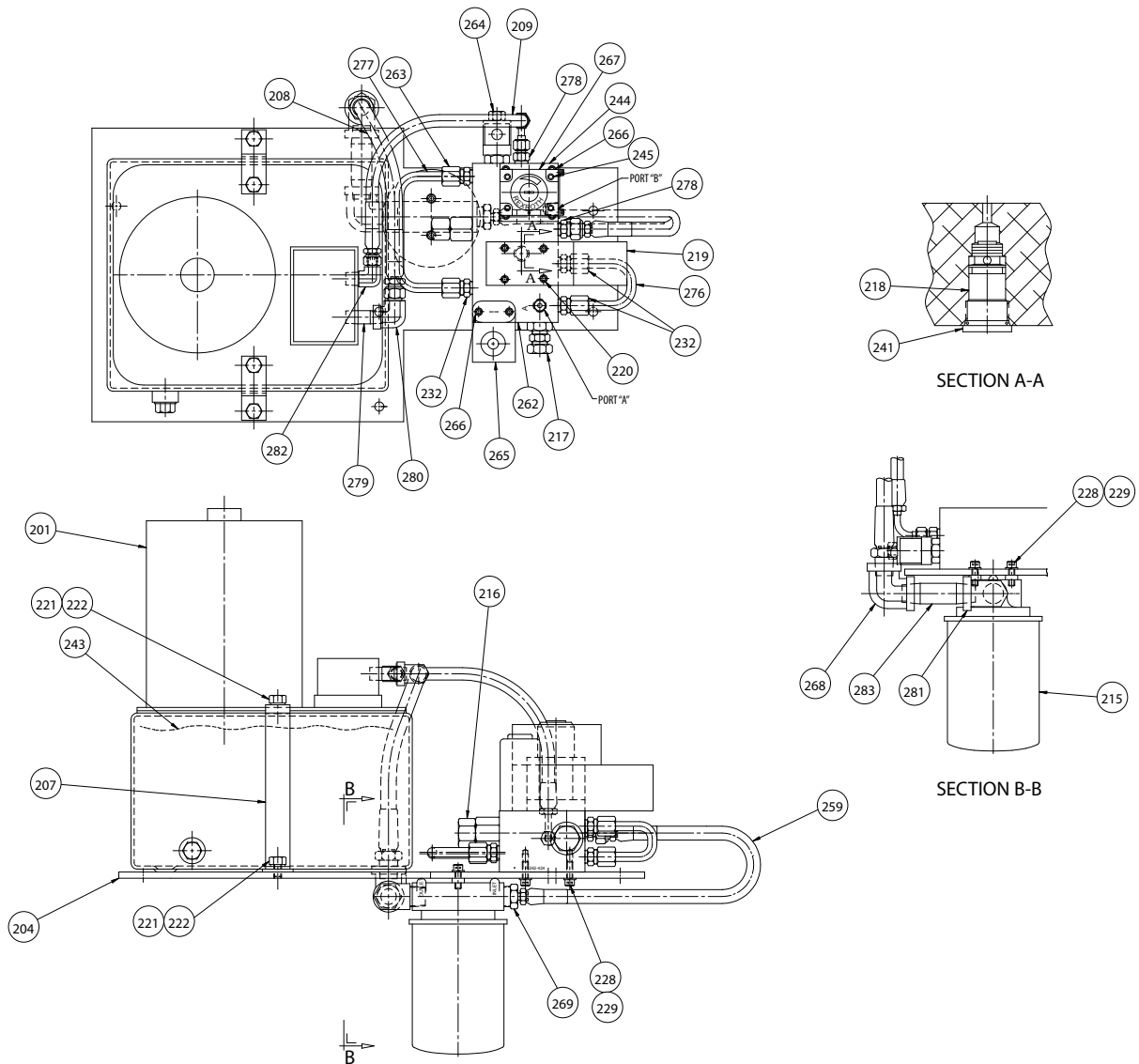
Qty.	Part Number	Description
1 Set	R-904-436-006	4 - 6" Roll Set
1 Set	R-908-436-012	8 - 12" Roll Set
1 Set	R-W01-436-024	14 - 24" Roll Set (AGS)
1 Set	R-926-436-036	26 - 36" Roll Set

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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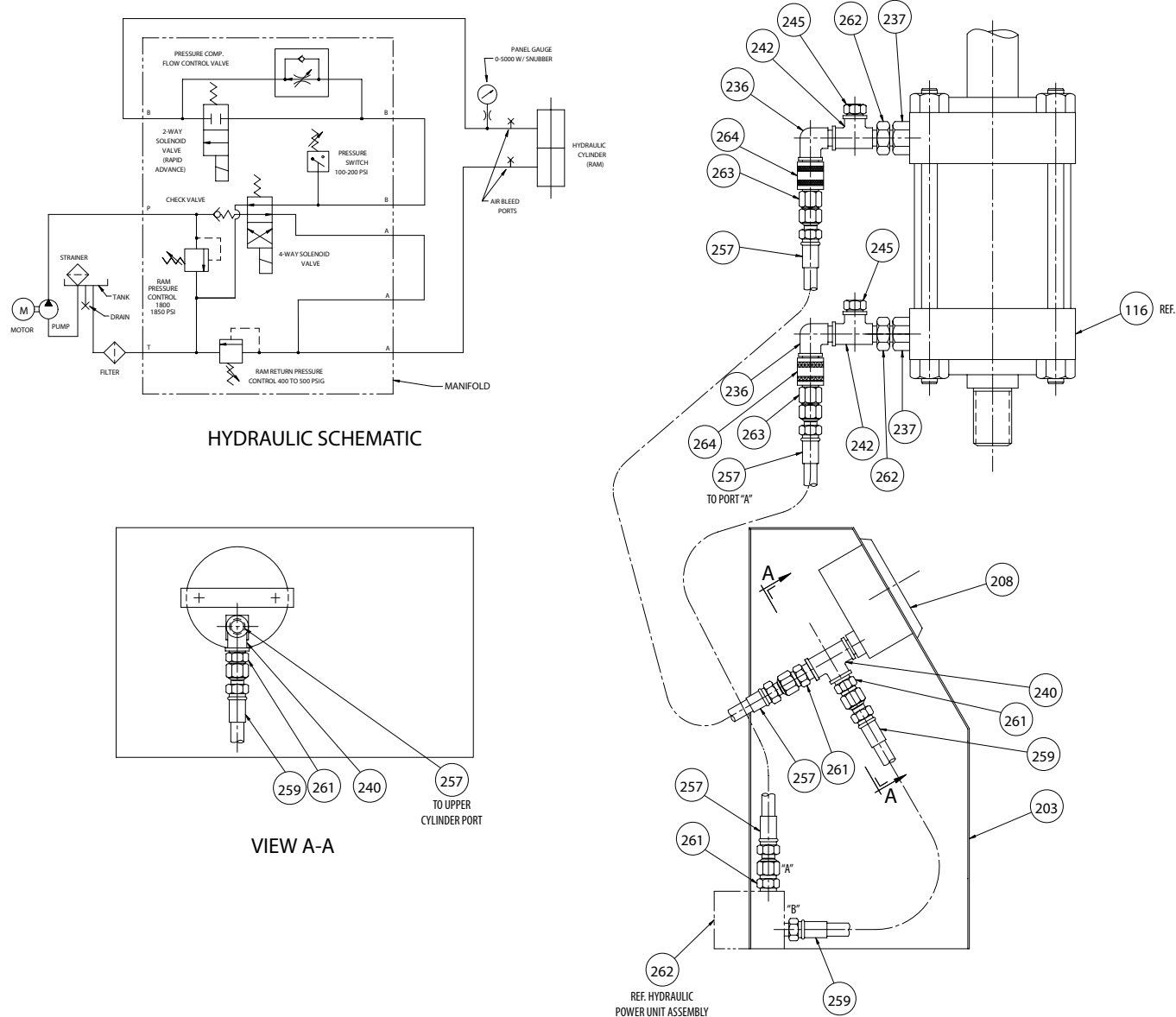
Item#	Part #	Qty.	Description
201	N-H05-000-005	1	Hydraulic Power Unit
204	R-204-424-PNT	1	Hydraulic System Mounting Plate
207	R-207-424-PNT	2	Hydraulic System Mounting Bracket
208	R-208-424-VE0	1	Hose Assembly
209	R-209-424-VE0	1	Hose Assembly
215	N-H08-000-002	1	Return Line Filter
216	N-H04-000-030	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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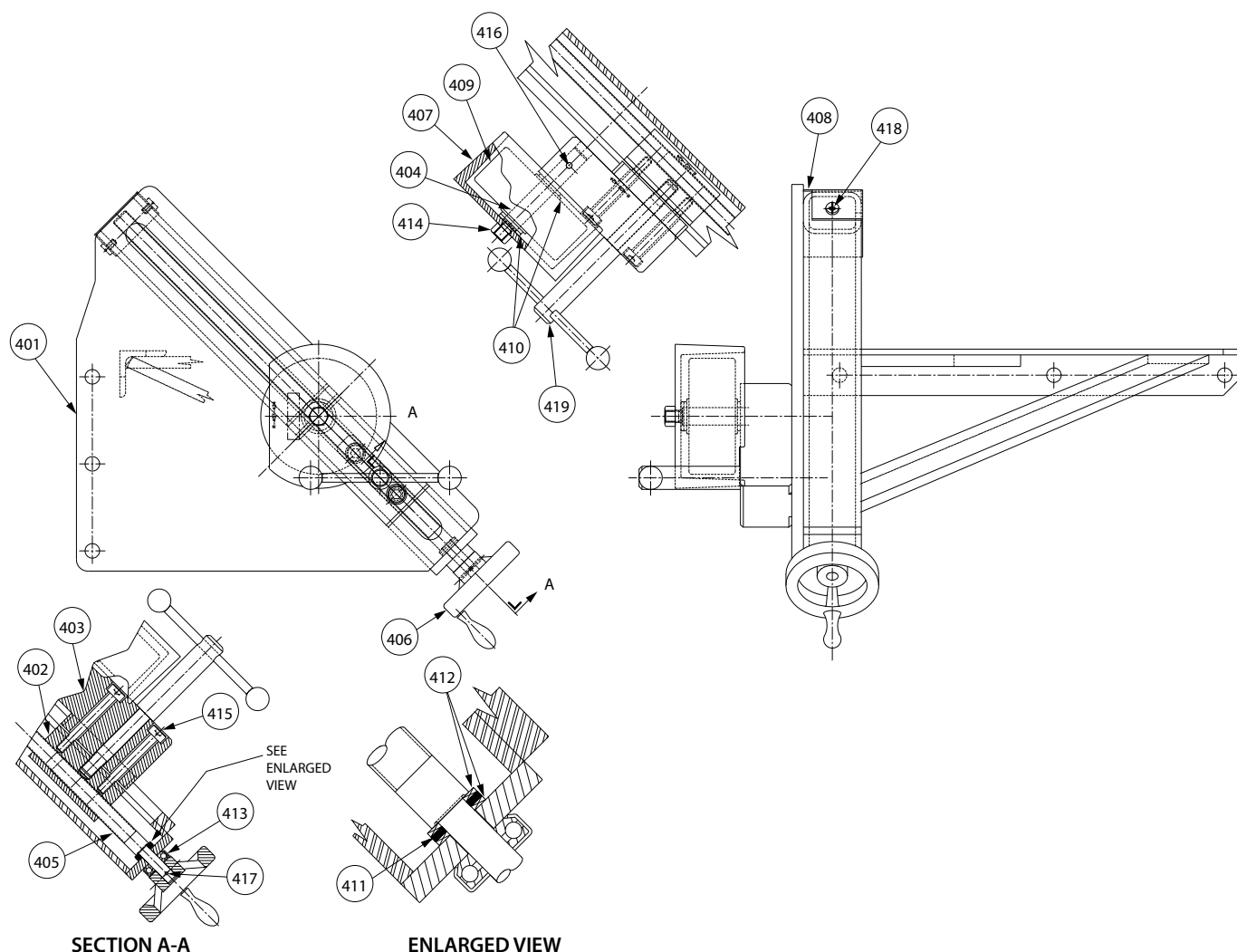
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Item#	Part #	Qty.	Description
247	-	As Req.	Ribbon Dope
257	R-257-424-VE0	2	Hose Assembly
259	R-259-424-VE0	1	Hose Assembly
261	N-H11-004-001	3	JIC 37° x ¼ NPT Male Connector
262	N-H11-004-015	2	½ NPT Male to ¼ NPT Female Connector
263	N-H11-004-012	2	Nipple
264	N-H50-004-00F	2	Coupler

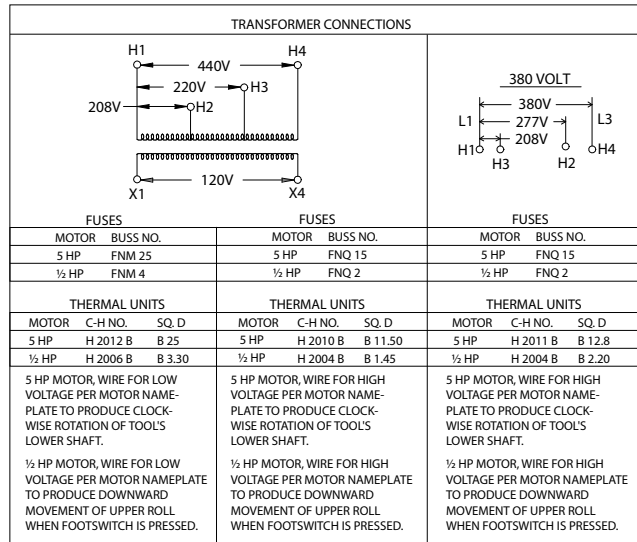
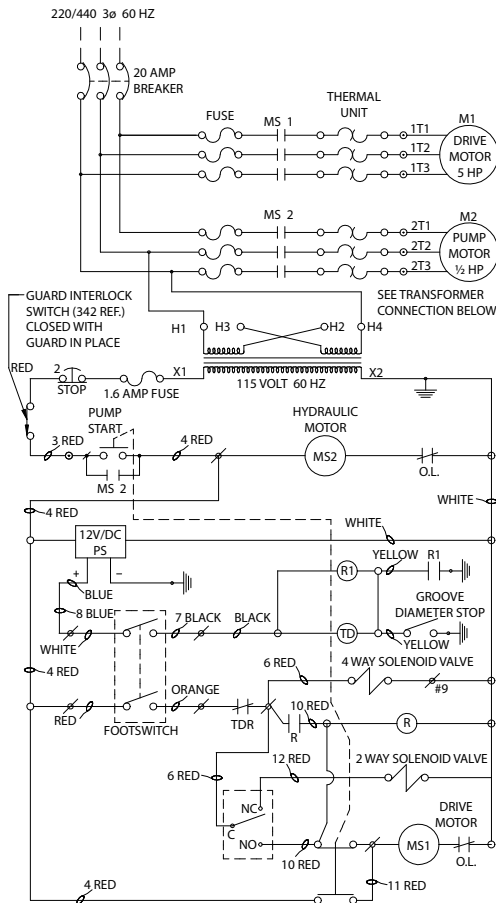
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Item#	Part #	Qty.	Description
401	R-401-424-PNT	1	Stabilizer Main Body
402	R-402-424-PLT	1	Stabilizer Guide Unit
403	R-403-424-PLT	1	Stabilizer Guide
404	R-404-424-MAC	1	Stabilizer Roller Shaft
405	R-405-424-MAC	1	Stabilizer Adjusting Screw
406	R-406-424-MAC	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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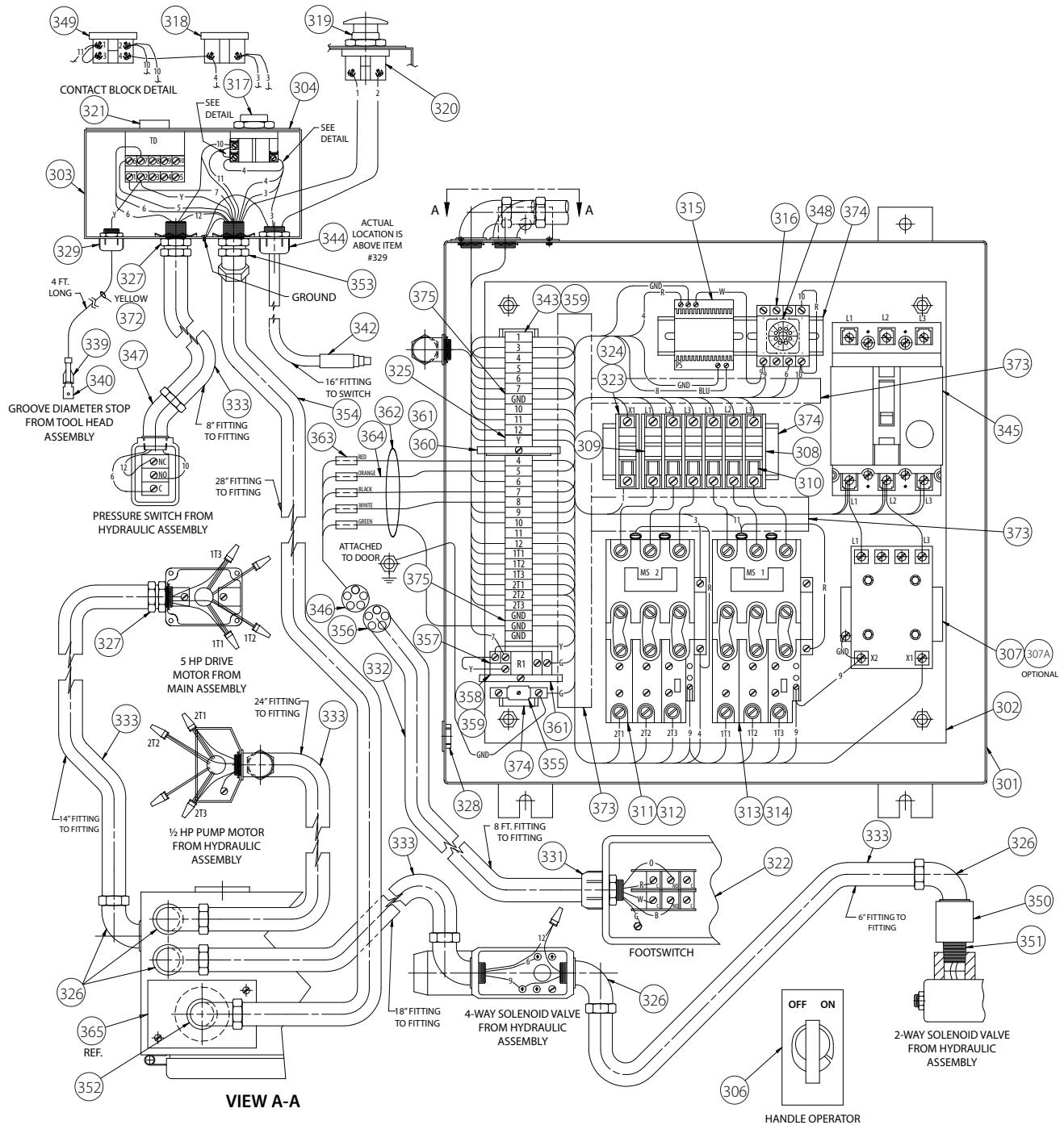


Item#	Part #	Qty.	Description
301	R-301-424-PNT	1	Main Electrical Enclosure
302	-	1	Main Enclosure Panel
303	R-303-424-VE0	1	Control Station Enclosure
304	R-814-436-LBL	1	Control Station Plate
306	N-E90-000-001	1	Handle Oper., Mech.
307	N-E10-000-021	1	Transformer (220/440V, 60 Hz)
307A	N-E10-000-002	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	1/2" 90° Connector
327	-	2	1/2" 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"	1/2" 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	1/2" 45° Connector
348	N-E09-000-001	1	Relay
349	N-E02-000-003	1	Contact Block
350	-	1	1/2" Coupling
351	-	1	1/2" Close Nipple
352	N-E06-000-039	1	3/4" 90° Connector
353	-	1	3/4" 45° Connector
354	-	30"	3/4" 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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