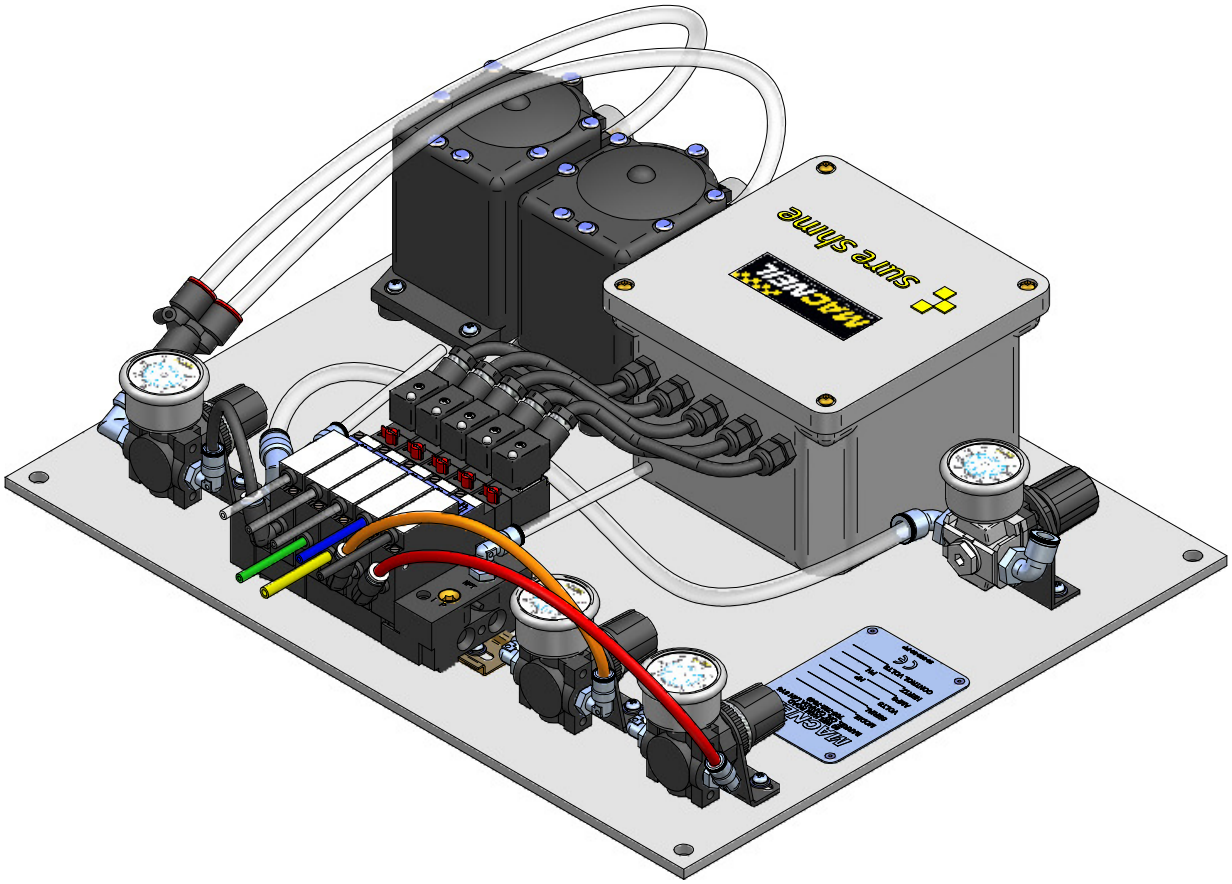
SURE SHINE CONTROL PANEL
40-970-00-MP - SURE SHINE CONTROL PANEL 110V
40-980-00-MP - SURE SHINE CONTROL PANEL 24V

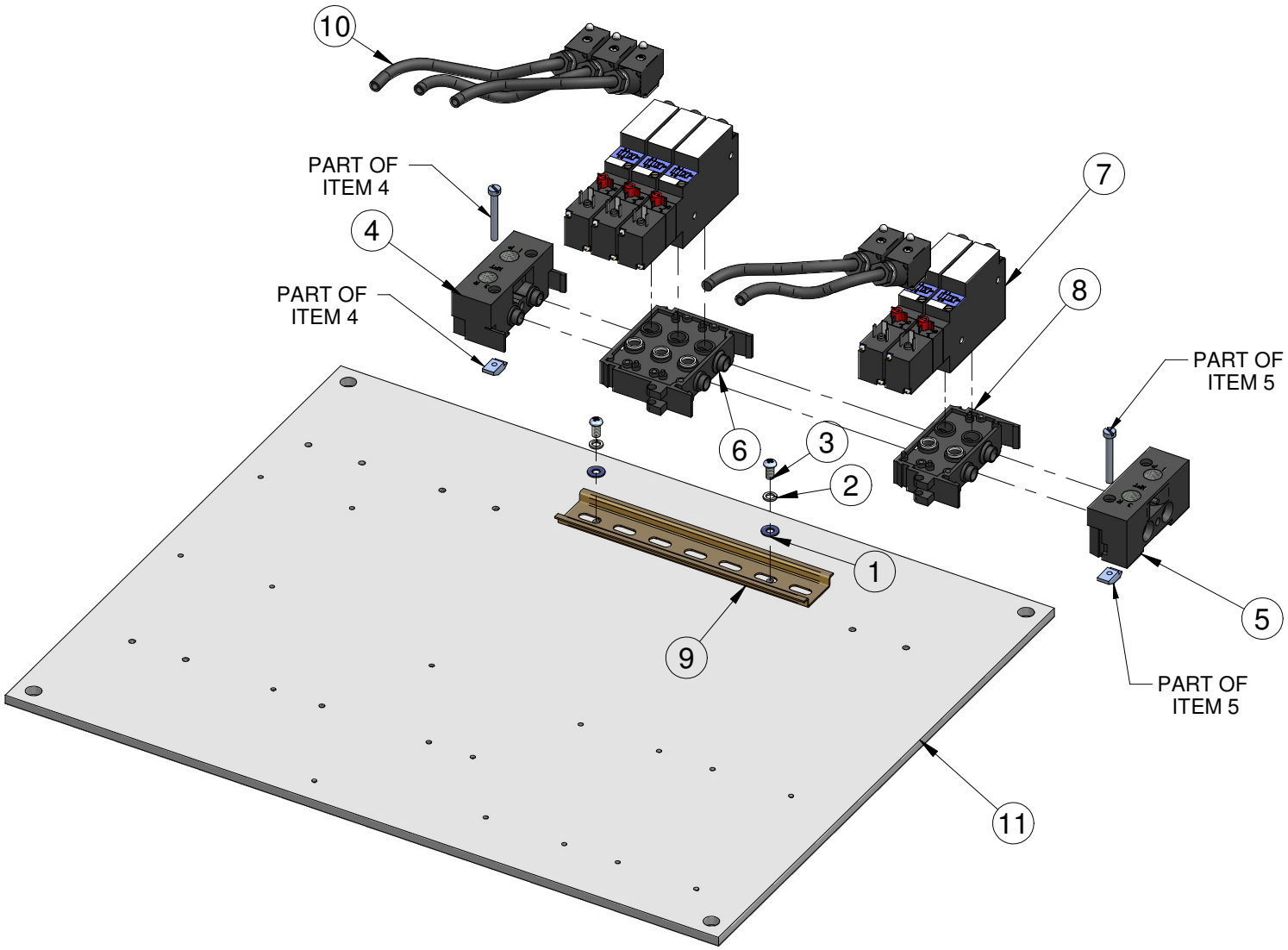


MacNeil Wash Systems- Parts List

MACNEIL
GREAT IDEAS • GREAT RESULTS
90 Welham Road, Barrie, Ontario 705-722-7649

TITLE TIRE SHINE CHEMICAL BACK PANEL		
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE: JULY 21, 2008	SHEET 1 OF 10	

SURE SHINE CONTROL PANEL



90 Welham Road, Barrie, Ontario 705-722-7649

TITLE	TIRE SHINE CHEMICAL BACK PANEL	
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 2 OF 10	

MacNeil Wash Systems- Parts List

SURE SHINE CONTROL PANEL

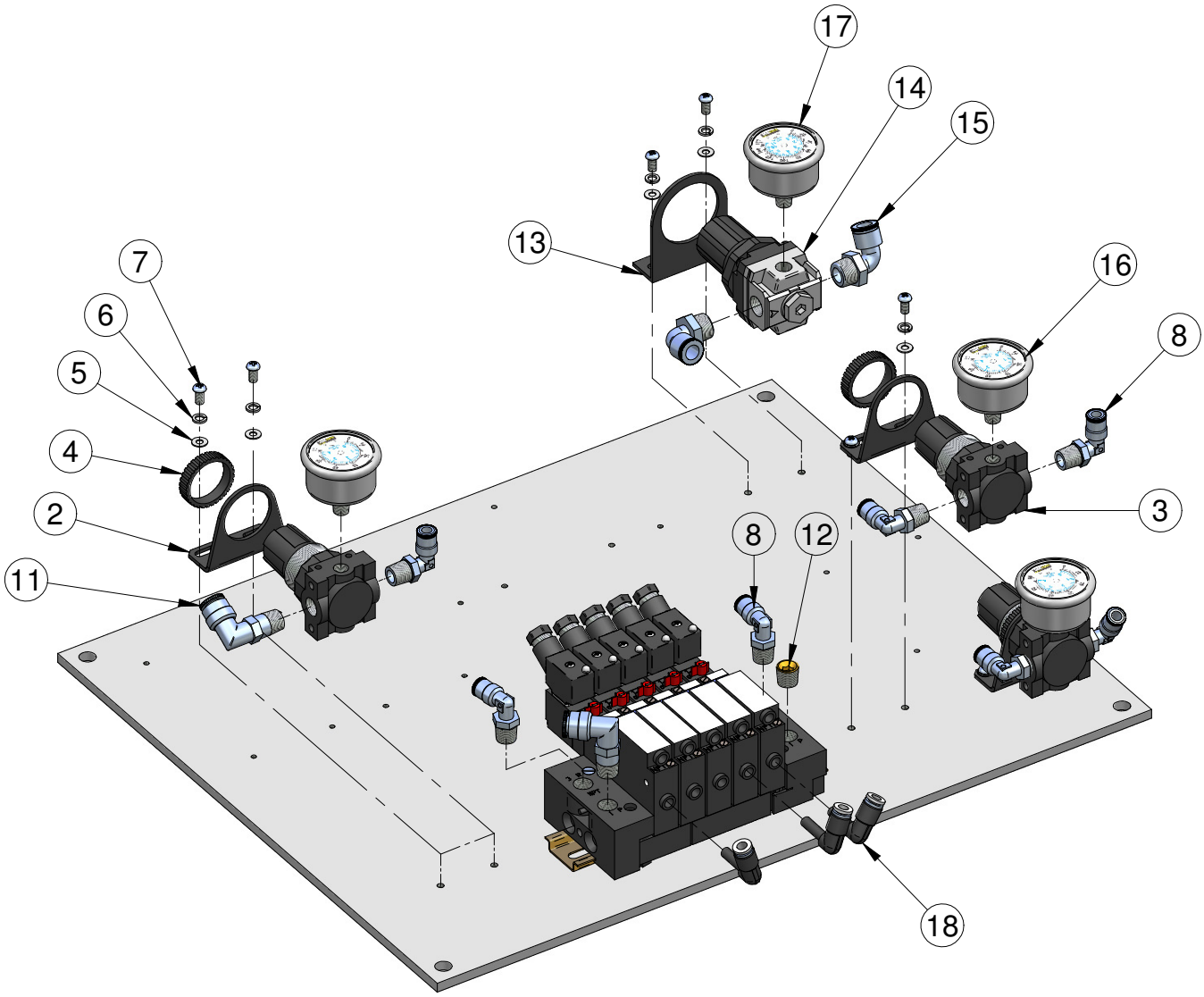
REF.	DESCRIPTION	PART NUMBER	QTY
1	WASHER FLAT SS #10	80-110-000-SN	2
2	LOCK WASHER #10 S.S.	80-910-000-SN	2
3	SCRW SS PAN-HD PHL #10-24 x 3/8"	83-510-006-SNC	2
4	CONNECTOR MODULE RH BURKET #629396D-RT	54-743-01-PP	1
5	CONNECTOR MODULE LH,BURKERT#629398P-LT	54-743-02-PP	1
6	3 POS. BURKERT VALVE BRACKET	54-743-05-PP	1
* 7	BURKERT 1/4" 2-WAY SOLENOID 110V-458834Z	54-743-06-PP	5
8	2 POS. BURKERT VALVE BRACKET - 132518M	54-743-04-PP	1
9	DIN RAIL NS-35 x 7"	33-952-83-0P	1
10	WIRE 18Ga 3-CDCTR,STND SVT18/3STR BLK 16"LG	33-600-41-5BK	5
11	SURE SHINE BACK PANEL BOARD CLR ANOD	40-970-01-ACL	1

* - BURKERT 1/4" 2-WAY SOLENOID VALVE 24VAC/DC - 54-743-03-PP

MACNEIL
GREAT IDEAS • GREAT RESULT
90 Welham Road, Barrie, Ontario 705-722-7649

TITLE	TIRE SHINE CHEMICAL BACK PANEL	
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 3 OF 10	

SURE SHINE CONTROL PANEL



90 Welham Road, Barrie, Ontario 705-722-7649

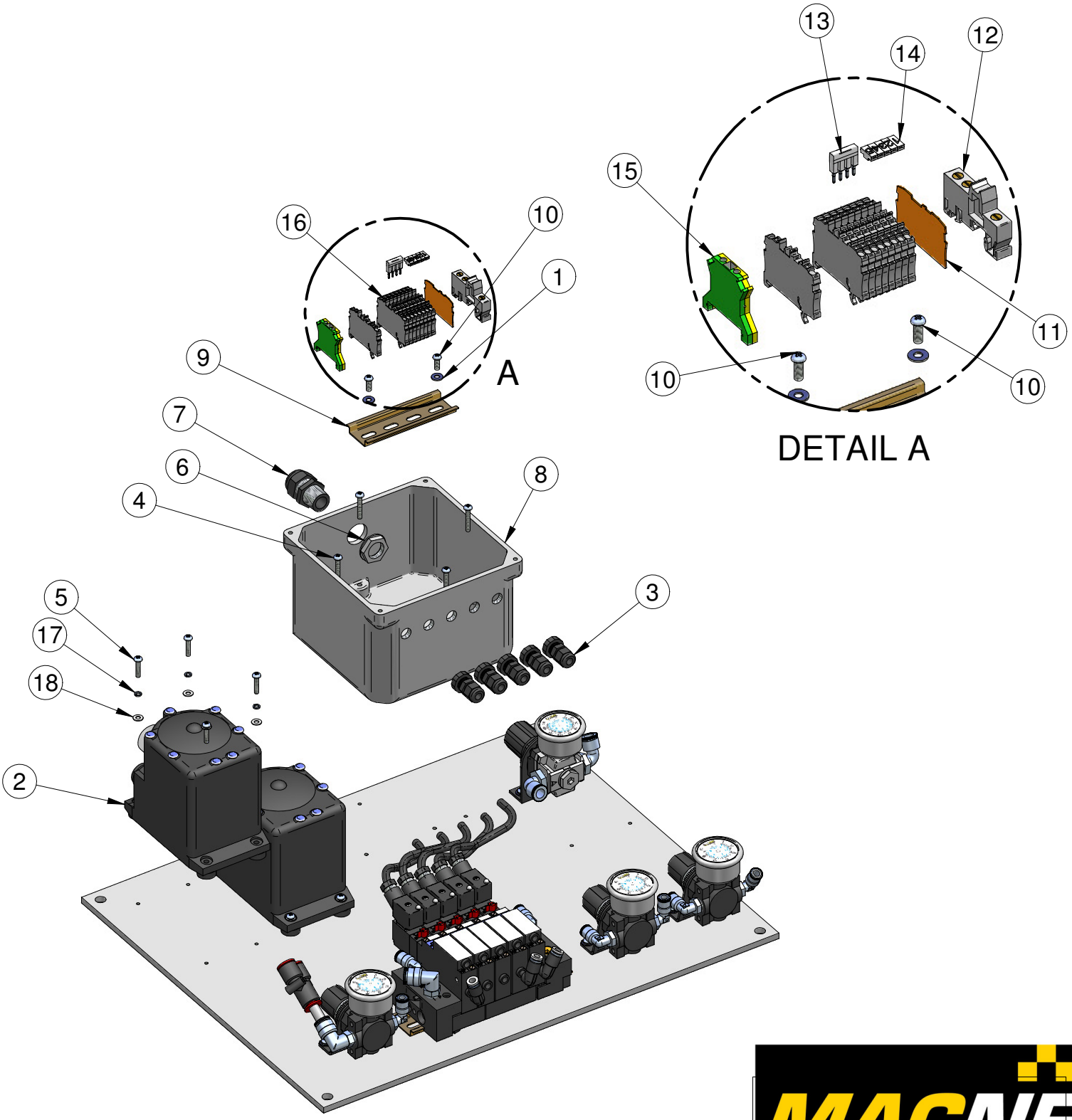
TITLE TIRE SHINE CHEMICAL BACK PANEL		
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 4 OF 10	

MacNeil Wash Systems- Parts List

SURE SHINE CONTROL PANEL

REF.	DESCRIPTION	PART NUMBER	QTY
2	AIR REGULATOR MTG BRKT B220	90-170-02-PP	3
3	REGULATOR AIR WATTS 0-60PSI R25-02BK	90-110-02-PP	3
4	NUT PLASTIC REGULATOR R05x51	90-115-00-PP	3
5	FLAT WASHER SS #8	80-108-000-SN	8
6	LOCK WASHER #10 S.S.	80-910-000-SN	6
7	SCRW SS PAN-HD PHL #10-24 x 3/8"	83-510-006-SNC	8
8	FTG ELB SWV 1/4"TBE-1/4"NPT 6520-04-04	90-223-06-PP	7
11	FTG ELB SWV 3/8"TBE-1/4"NPT	90-223-07-PP	2
12	FTG PLUG BR CNTRSNK SOC HD 1/4"NPT 118-B	90-052-04-PP	1
13	B320 3000 SERIES REGULATOR BRACKET	90-170-03-PP	1
14	AIR REGULATOR 1/4" NAR2000 NO2	44-101-01-PP	1
15	ELBOW SWV 3/8"NPT X 3/8" TBE	90-225-00-PP	2
16	GAUGE AIR 0-60 PSI BACK MOUNT 1/8MPT MWS	90-060-00-PP	3
17	AIR GAUGE 0-160 PSI	90-160-00-PP	1
18	FTG ELB 1/4"TBE-SOCKET PLJ1/4	90-222-00-PP	3

SURE SHINE CONTROL PANEL



90 Welham Road, Barrie, Ontario 705-722-7649

TITLE	TIRE SHINE CHEMICAL BACK PANEL	
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 6 OF 10	

MacNeil Wash Systems- Parts List

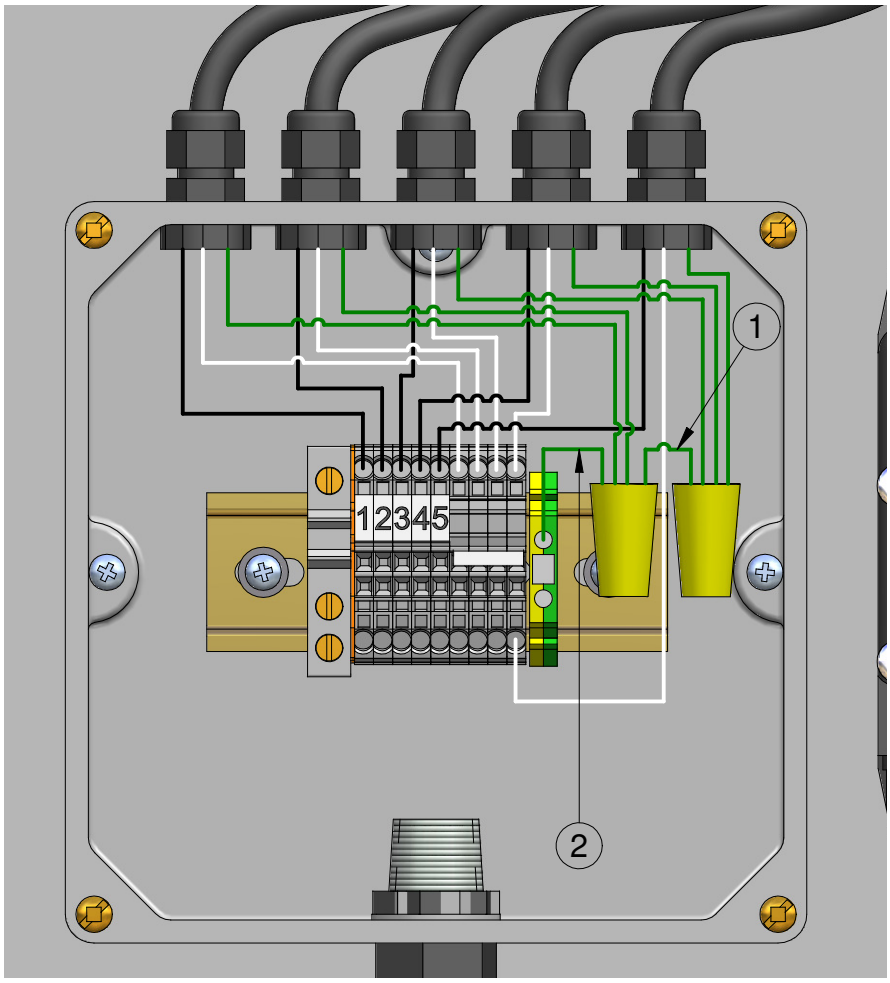
SURE SHINE CONTROL PANEL

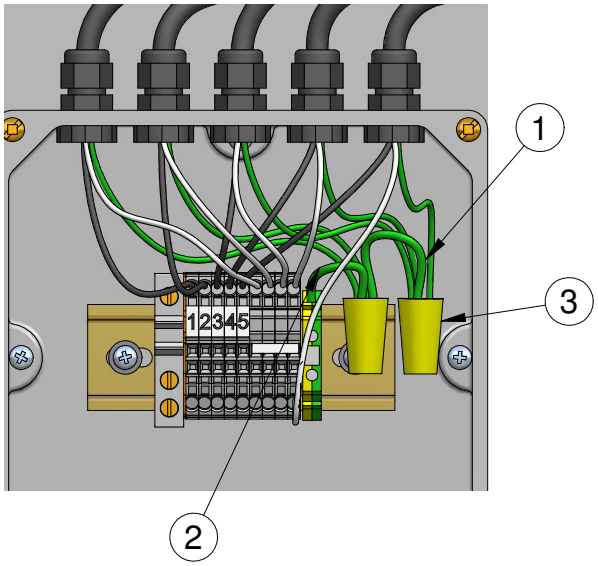
REF.	DESCRIPTION	PART NUMBER	QTY
1	WASHER FLAT SS #10	80-110-000-SN	2
2	PUMP FLOJET - VGD018 - VITON - BARBS&SNAP	45-810-50-PP	2
3	STRAIN RELIEF 1/4", c/w nut 3207	44-584-08-PP	5
4	SCREW PHL PAN-HD SS #8-32 x 1"	83-508-016-SNC	4
5	SCREW PHL PAN-HD SS #8-32 x 3/4"	83-508-012-SNC	7
6	NUT BK NYLN 1/2"NPT HEYCO, 8463	84-008-000-NIN	1
7	STRAIN RELIEF LTF 1/2 3231 NPT 1/2"	90-056-08-PP	1
8	SURE SHINE JUNCTION BOX MACHINED	40-970-10-MP	1
9	VFD DIN RAIL NS-35 x 4-1/2"	70-525-04-PP	1
10	SCRW SS PAN-HD PHL #10-24 x 1/2"	83-510-008-SNC	2
11	WAGO TERMINAL END PLATE 2002-1292	30-030-02-PP	1
12	DIN RAIL STOP 1201442 E/UK	70-600-00-PP	1
13	4-WAY JUMPER PUSH-IN BAR	30-030-03-PP	1
14	WAGO 2001-1201 TERM. LABEL	30-030-04-PP	1
15	DIN RAIL GROUNDING POST	70-605-00-PP	1
16	WAGO 2001-1201 2 WAY PUSH	30-030-01-PP	9
17	LOCK WASHER SS #8	80-908-000-SN	8
18	FLAT WASHER SS #8	80-108-000-SN	8

MACNEIL
GREAT IDEAS • GREAT RESULT
90 Welham Road, Barrie, Ontario 705-722-7649

TITLE	TIRE SHINE CHEMICAL BACK PANEL	
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 7 OF 10	

SURE SHINE CONTROL PANEL





WIRING DETAILS:

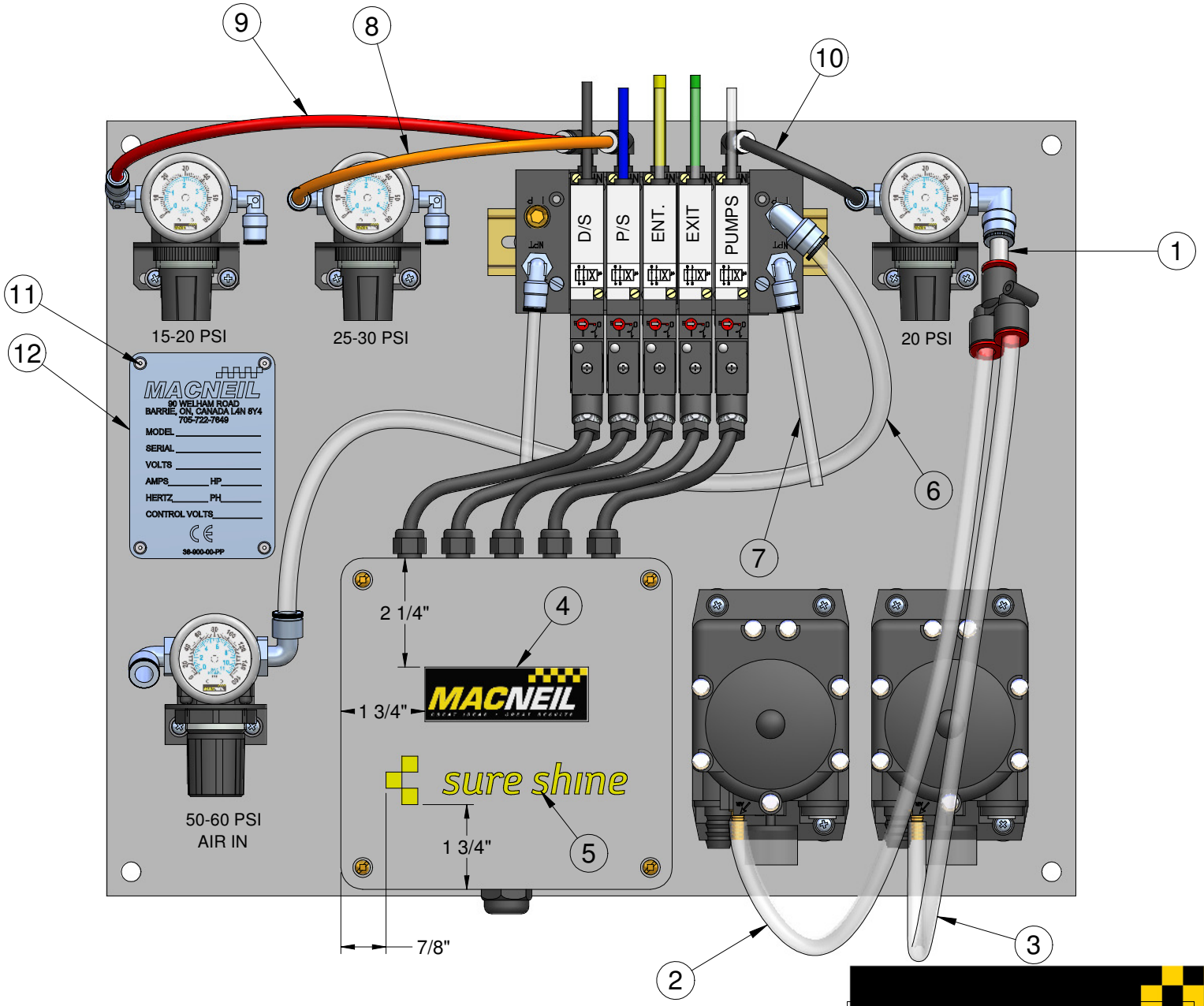
LINE - BLACK
NEUTRAL - WHITE
GROUND - GREEN

REF.	DESCRIPTION	PART NUMBER	QTY
1	WIRE 14AWG 40 SBC GRN STRD BARE COPPER 3"	33-600-60-0GN	1
2	WIRE 14AWG 40 SBC GRN STRD BARE COPPER 5"	33-600-60-0GN	1
3	#333 YELLOW MARRETTE	70-100-05-PP	2

90 Welham Road, Barrie, Ontario 705-722-7649

TITLE	TIRE SHINE CHEMICAL BACK PANEL	
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 8 OF 10	

SURE SHINE CONTROL PANEL



MACNEIL
GREAT IDEAS • GREAT RESULT

90 Welham Road, Barrie, Ontario 705-722-7649

TITLE TIRE SHINE CHEMICAL BACK PANEL		
PART NO EPL 40-970-00-MP	DWG NO EPL 40-970-00-MP	REV A
DATE:	SHEET 9 OF 10	

MacNeil Wash Systems- Parts List

SURE SHINE CONTROL PANEL

REF.	DESCRIPTION	PART NUMBER	QTY
1	TUBE NY CLR .375"OD 1.5"	33-361-20-6CL	1
2	TUBE NY CLR .375"OD 22"	33-361-20-6CL	1
3	TUBE NY CLR .375"OD 19"	33-361-20-6CL	1
4	DECAL 'MACNEIL' LOGO 1-1/8" X 3-3/8"	36-000-01-PP	1
5	DECAL 'SURE SHINE' 5"L X 1"W PROFILE	36-040-21-PP	1
6	TUBE NY CLR .375"OD 20.5"	33-361-20-6CL	1
7	TUBE NY CLR .250"OD 4"	33-361-20-4CL	2
8	TUBE NY ORG .250"OD PA11 10"	33-361-20-4OR	1
9	TUBE NY RED .250"OD PA11 13"	33-361-20-4RD	1
10	TUBE NY BLK .250"OD PA11 7"	33-361-20-4BK	1
11	RIVET AL 1/8"Dia PR-100-AI	87-002-000-AI	4
12	MACNEIL SERIAL ID TAG -NEW LOGO	36-900-00-PP	1