

Pow'r Riser Lifting Jacks PR Series - 100 Ton Electric Models

L54717 Rev. K 06/24

For Date Codes Beginning with the Letter "B" thru "C"

To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired product.

Note: This illustration is for reference only.
The appearance of your unit may differ from
the unit shown.

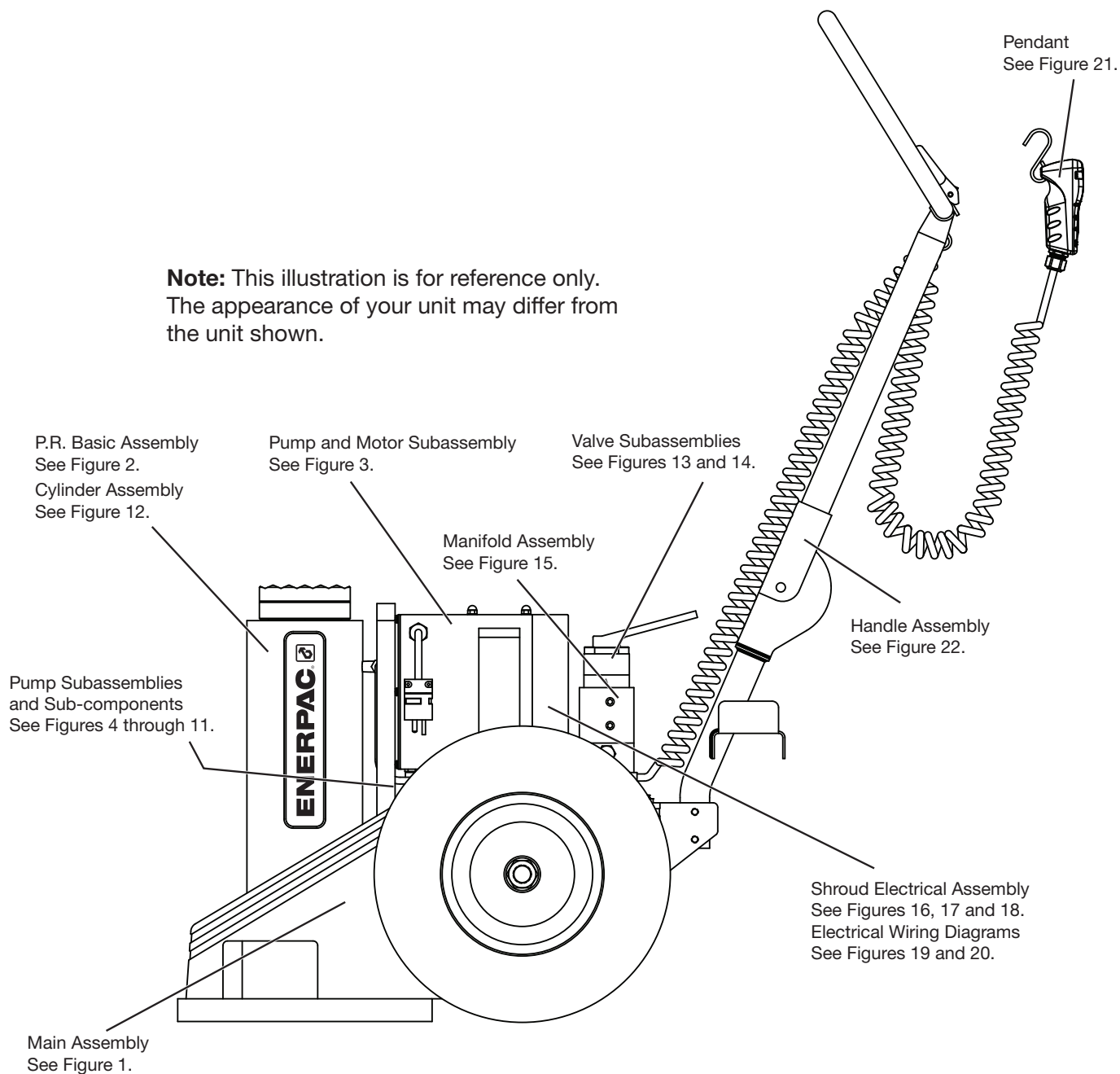
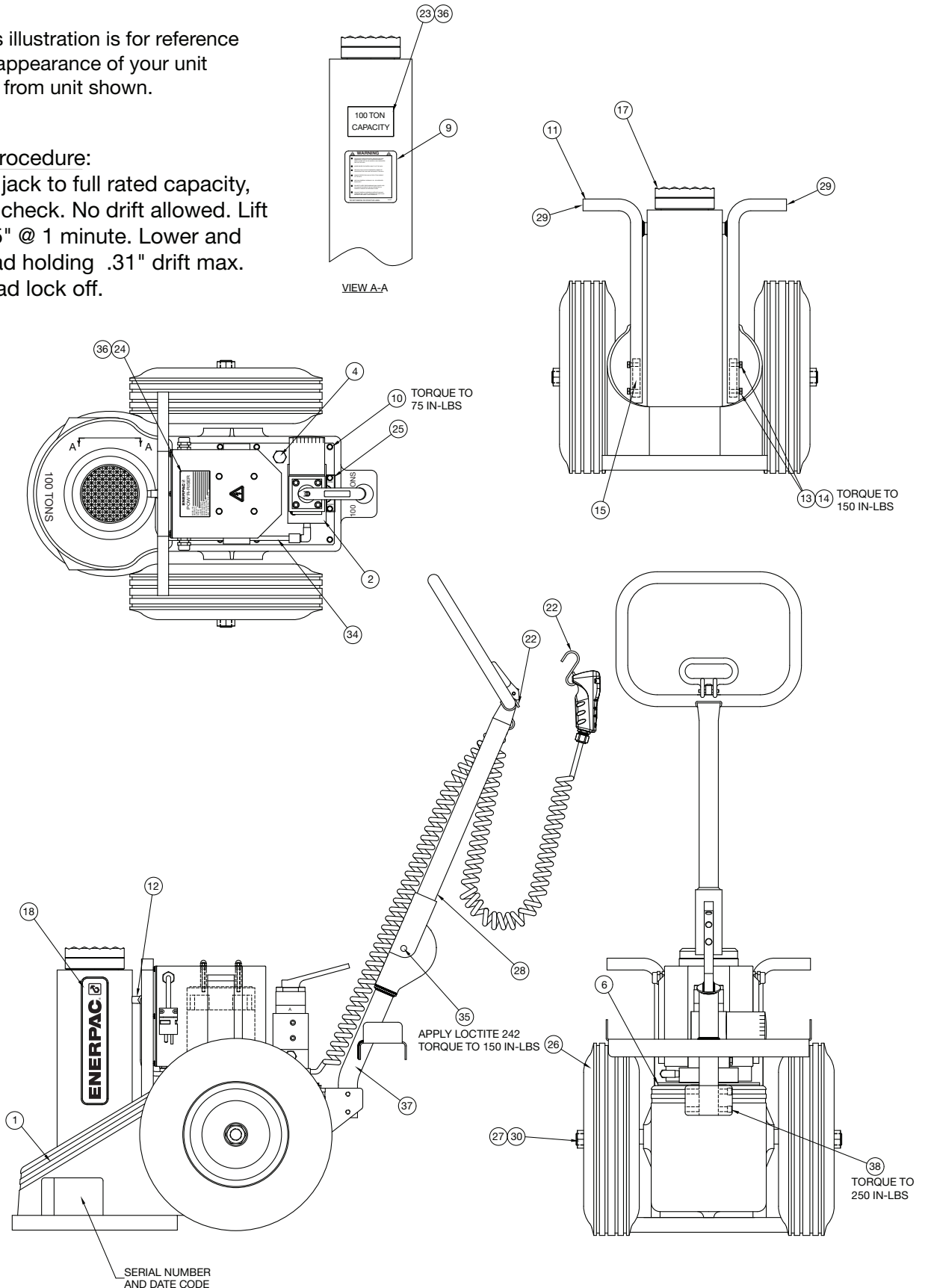


Figure 1 - Main Assembly

Note: This illustration is for reference only. The appearance of your unit may differ from unit shown.

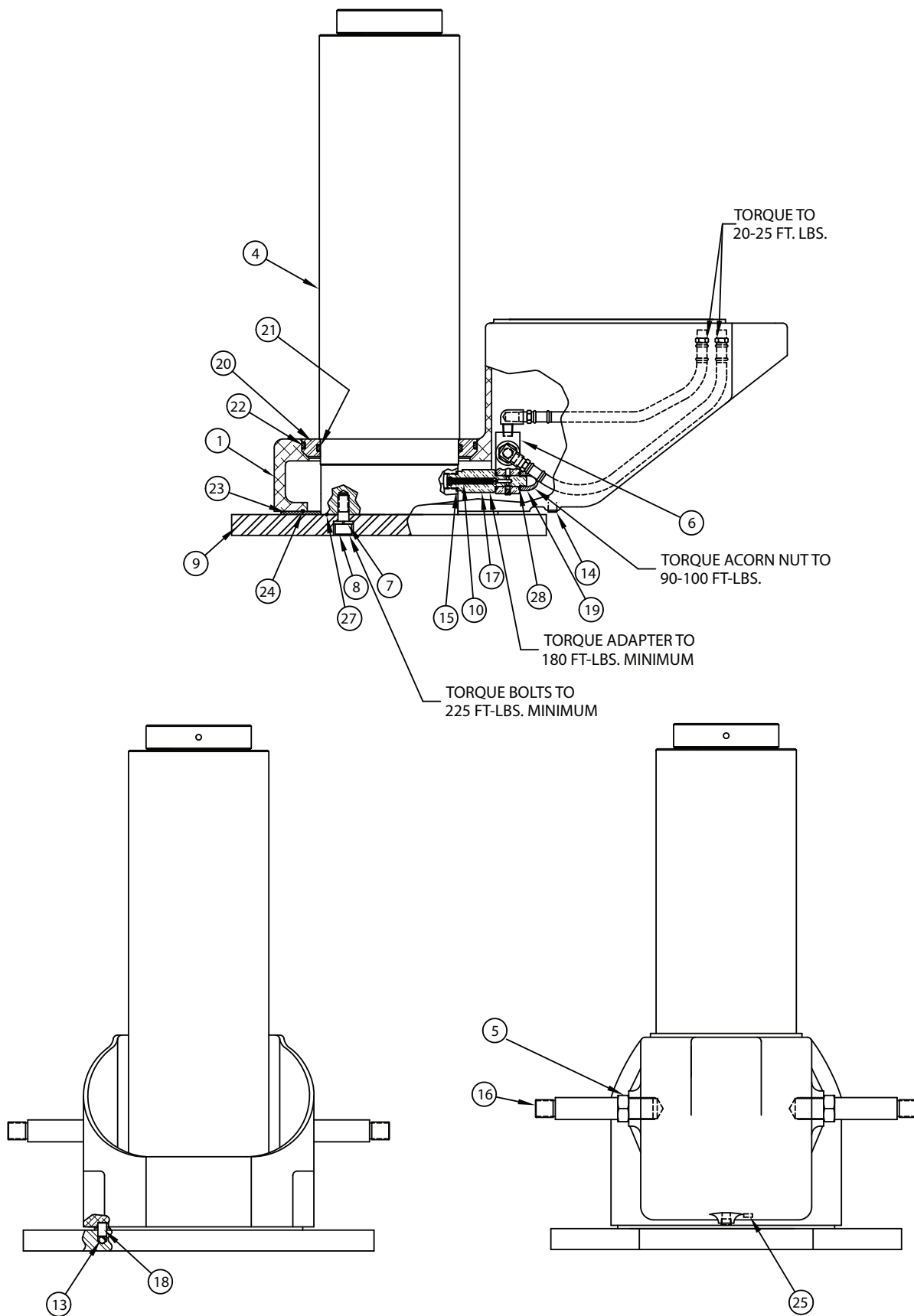
Testing Procedure:

Load the jack to full rated capacity, hold and check. No drift allowed. Lift 2.50-1.75" @ 1 minute. Lower and check load holding .31" drift max. before load lock off.



Repair Parts List (Refer to figure 1)								
Item	Model						Qty.	Description
	PREMB10016L 115 Volt	PREMB10027L 115 Volt	PREMI10016L 230 Volt	PREMI10027L 230 Volt	PREME10016L 230 Volt	PREME10027L 230 Volt		
1	41939SR	42408SR	41939SR	42408SR	41939SR	42408SR	1	PR Basic Asm (See Fig 2)
2	DS1069900SR	DS1069900SR	DS1072900SR	DS1072900SR	DS1175900SR	DS1175900SR	1	Subassembly, Pump and Motor (see Figure 3), Date Code "B" only
	DD9775900SR	DD9775900SR	DD9790900SR	DD9790900SR	DD9791900SR	DD9791900SR	1	Subassembly, Pump and Motor (see Figure 3), Date Code "B" thru "C"
4	88743E	88743E	88743E	88743E	88743E	88743E	1	Plug Hex O-Ring
6	85469E	85469E	85469E	85469E	85469E	85469E	1	Gasket
9	89292E	89292E	89292E	89292E	89292E	89292E	1	Decal, Warning PWR R
	DD9743026	DD9743026	DD9743026	DD9743026	DD9743026	DD9743026	1	Decal, Warning PWR R, Starting With Date Code "C"
10	B2005046E	B2005046E	B2005046E	B2005046E	B2005046E	B2005046E	14	Screw 1/4-20 x 3/4" St
11	42358E	N/A	42358E	N/A	42358E	N/A	1	Lifting Bar 24" PR
12	40085E	40085E	40085E	40085E	40085E	40085E	1	Male Elbow 3/8-3/8"
13	42363E	N/A	42363E	N/A	42363E	N/A	4	HCS 5/16-18 x 1.25" Plt.
14	93942E	N/A	93942E	N/A	93942E	N/A	4	Lock Washer 5/16"
15	42365E	N/A	42365E	N/A	42365E	N/A	2	Nut Plt - Lift Bar
17	42208E	42208E	42208E	42208E	42208E	42208E	1	Load Cap PR Long Strm
18	89967E	89967E	89967E	89967E	89967E	89967E	1	Enerpac Logo - Large
22	42367E	42367E	42367E	42367E	42367E	42367E	2	S-Hook, Pendant, Not Used On Date Code "C"
	DD9657900SR	DD9657900SR	DD9657900SR	DD9657900SR	DD9657900SR	DD9657900SR	2	Cord Management Bracket, Starting With Date Code "C"
23	42531E	42531E	42531E	42531E	42531E	42531E	1	Label 100 Ton Capacity
24	42432E	42433E	45715E	45608E	DS1179026	DS1180026	1	Model Label
25	86027E	86027E	86027E	86027E	86027E	86027E	1	Control Valve Plate
26	41944E	41944E	41944E	41944E	41944E	41944E	2	Tire/Rim Assembly
27	41945E	41945E	41945E	41945E	41945E	41945E	2	Spacer
28	41961SR	41961SR	41961SR	41961SR	41961SR	41961SR	1	Handle Assembly
29	43021E	N/A	43021E	N/A	43021E	N/A	2	Square Hole Plug PR
30	46053E	46053E	46053E	46053E	46053E	46053E	2	1"-8 Hex Lock Nut
34	41979E	42412E	41979E	42412E	41979E	42412E	1	Tube
35	41983E	41983E	41983E	41983E	41983E	41983E	1	Screw Shoulder
36	46539E	46539E	46539E	46539E	46539E	46539E	1	Decal Overlay, Not Used On Date Code "C"
37	41598E	41598E	41598E	41598E	41598E	41598E	1	Lower Weldment 4" PR
38	84692E	84692E	84692E	84692E	84692E	84692E	2	SHC 3/8-16 x 1.75"
N/A = Not Available								

Figure 2 - 41939SR, 42408SR Pow'r Riser Basic Assembly



Repair Parts List (Refer to figure 2)								
Item	Model						Qty.	Description
	PREMB10016L 115 Volt	PREMB10027L 115 Volt	PREMI10016L 230 Volt	PREMI10027L 230 Volt	PREME10016L 230 Volt	PREME10027L 230 Volt		
BASIC ASSY	41939SR	42408SR	41939SR	42408SR	41939SR	42408SR		
1	41886E	41886E	41886E	41886E	41886E	41886E	1	Housing Mach P. R.
4	41917SR	42430SR	41917SR	42430SR	41917SR	42430SR	1	100 Ton Cylinder Assy.
5	85477E	85477E	85477E	85477E	85477E	85477E	2	Jam Nut
6	(See Fig. 11)						1	O.C. Valve and Hoses
7	93947E	93947E	93947E	93947E	93947E	93947E	6	Lock Washer 5/8"
8	93605E	93605E	93605E	93605E	93605E	93605E	6	SHCS 5/8-11 x 1.5" Lg.
9	41941E	41941E	41941E	41941E	41941E	41941E	1	100 Ton P.R. Base
10	89754E	89754E	89754E	89754E	89754E	89754E	1	Screen - 2" Nipple
13	44968E	44968E	44968E	44968E	44968E	44968E	2	Rubber Ball 3/8" 70
14	93950E	93950E	93950E	93950E	93950E	93950E	1	1/4" Soc Pipe Plug
15	◆	◆	◆	◆	◆	◆	1	Gasket Adapter
16	41948E	41948E	41948E	41948E	41948E	41948E	2	Axle Shaft
17	41942E	41942E	41942E	41942E	41942E	41942E	1	Adapter O.C. Valve
18	42275E	42275E	42275E	42275E	42275E	42275E	2	PR Base Pin
19	46740E	46740E	46740E	46740E	46740E	46740E	1	Acorn Nut 5/8-11
20	41940E	41940E	41940E	41940E	41940E	41940E	1	Ring 100 Ton
21	◆	◆	◆	◆	◆	◆	1	O-Ring 6-3/4 x 7-1/4"
22	◆	◆	◆	◆	◆	◆	1	O-Ring 9" x 9-1/2"
23	◆	◆	◆	◆	◆	◆	1	Gasket Base
24	◆	◆	◆	◆	◆	◆	1	O-Ring Power Riser
25	66021E	66021E	66021E	66021E	66021E	66021E	1	Magnet
27	◆	◆	◆	◆	◆	◆	1	O-Ring 6" x 6-1/4"
28	68183E	68183E	68183E	68183E	68183E	68183E	2	Gasket Plug
◆ Included in 54411K Repair Kit								

Figure 3 - Pump and Motor Sub-Assembly

DS1069900SR (115 VAC - See Fig. 16A for electrical parts list. See Fig. 19 for wiring diagram.) (Date Code "B" only)

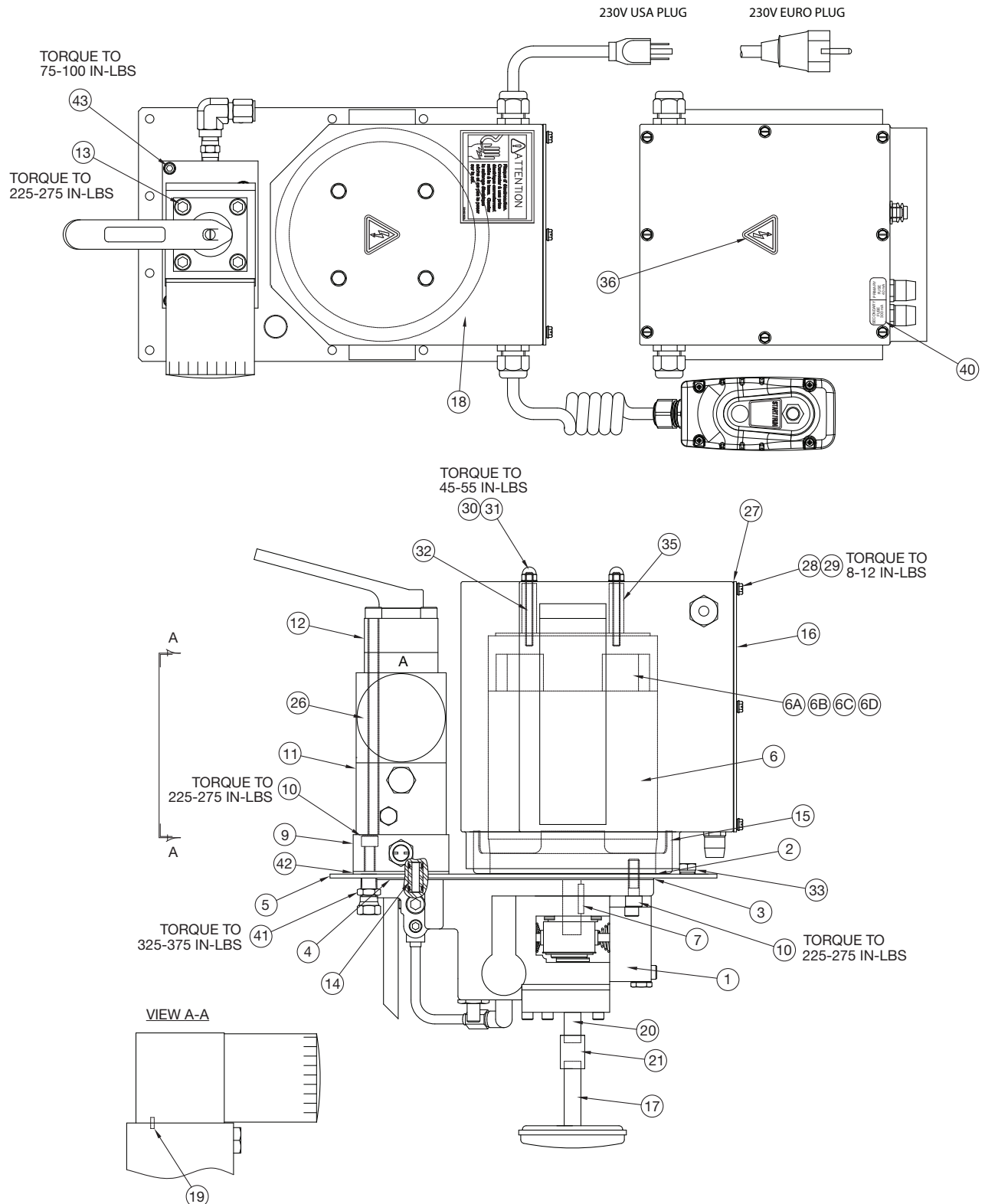
DS1072900SR (230 VAC - See Fig. 17A for electrical parts list. See Fig. 20 for wiring diagram.) (Date Code "B" only)

DS1175900SR (230 VAC European - See Fig. 18A for electrical parts list. See Fig. 20 for wiring diagram.) (Date Code "B" only)

DD9775900SR (115VAC - See fig. 16A for electrical parts list. See Fig. 19 for wiring diagram) (Date Code "B" Thru "C")

DD9790900SR (230VAC - See Fig. 17A for electrical parts list. See Fig. 20 for wiring diagram) (Date Code "B" Thru "C")

DD9791900SR (230VAC European - See Fig. 18A for electrical parts list. See Fig. 20 for wiring diagram) (Date Code B Thru "C")

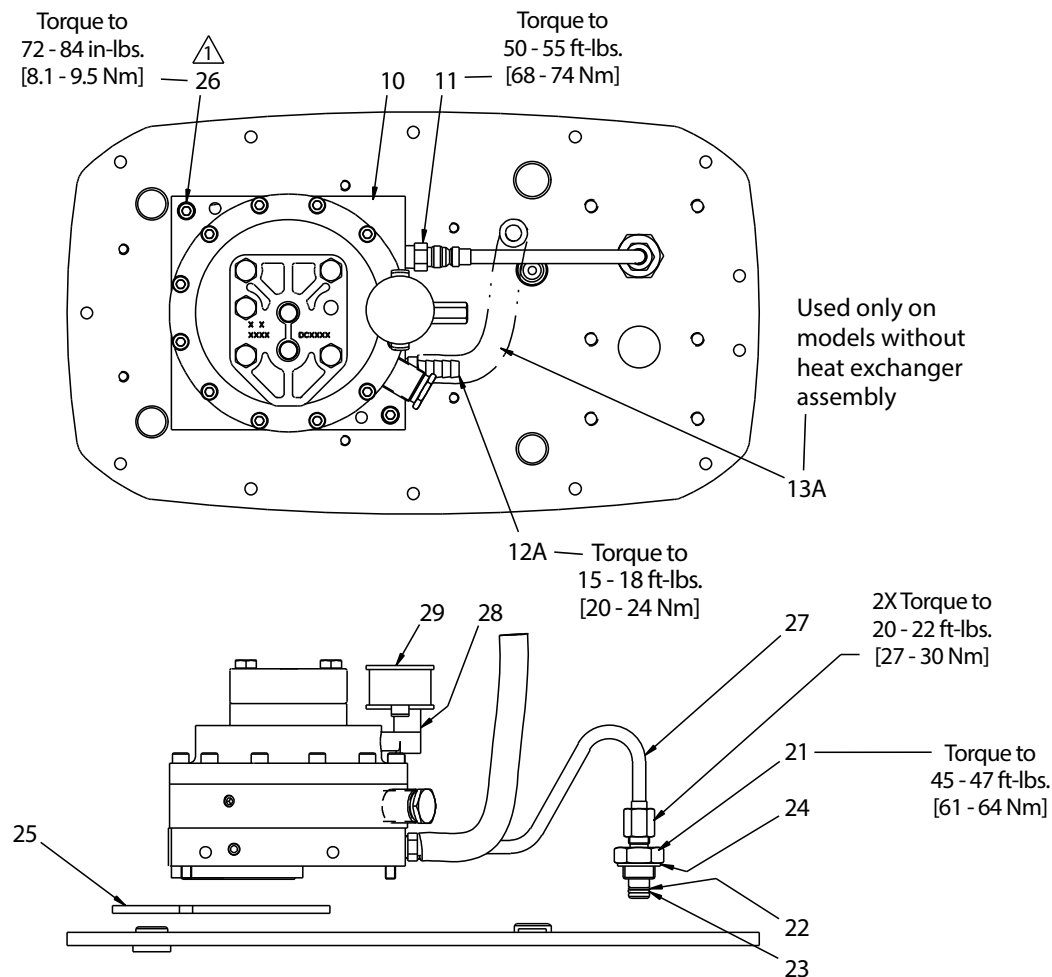


Repair Parts List (Refer to figure 3)					
Item	Part Number			Qty.	Description
	Pump and Motor Assy. DS1069900SR (115 VAC)	Pump and Motor Assy. DS1072900SR (230 VAC)	Pump and Motor Assy. DS1175900SR (230 VAC European)		Date Code "B" only
	Pump and Motor Assy. DD9775900SR (115VAC)	Pump and Motor Assy. DD9790900SR (230VAC)	Pump and Motor Assy. DD9791900SR (230VAC European)		Date Code "B" thru "C"
1	(See Fig. 4)			1	Pump Asm 2P 1.5 HP.
2	★ 66012E	★ 66012E	★ 66012E	1	Gasket-Motor, Not Used On Date Code "C"
3	★ 68231E	★ 68231E	★ 68231E	1	Gasket-Pump @ Motor
	DC9551920SR	DC9551920SR	DC9551920SR	1	Gasket-Pump, Starting With Date Code "C"
4	★ 68551E	★ 68551E	★ 68551E	1	Gasket-Pump @ Valve, Not Used On Date Code "C"
5	DD6038101E	DD6038101E	DD6038101E	1	Reservoir Cover Plate
	DD9585101	DD9585101	DD9585101	1	Reservoir Cover Plate, Starting With Date Code "C"
6	68376E	---	---	1	Electric Motor, 1.5 HP 115V
	DD6113259	---	---	1	Electric Motor, 1.5 HP 115V, Starting With Date Code "C"
	---	68403E	68403E	1	Electric Motor, 1.5 HP 230V
	---	DD6114259	DD6114259	1	Electric Motor, 1.5 HP 230V, Starting With Date Code "C"
6A	◆ 55028E	---	---	1	Brush Kit, 115V
6B	---	] 55029E	] 55029E	1	Brush Kit, 230V
6C	s 55056E	---	---	1	Brush Ring Kit, 115V
6D	---	v 55030E	v 55030E	1	Brush Ring Kit, 230V
7	69026E	69026E	69026E	1	Pin Dowel 3/16-1
9	(See Fig. 15)			1	Manifold Asm NPR
10	86184E	86184E	86184E	5	SHCS 3/8-16 x 1-1/2"
11	(See Fig. 14)			1	Locking Valve w/relief
12	(See Fig. 13)			1	Control Valve Asm.
13	42383E	42383E	42383E	4	SHCS 3/8-16 x 8.0"
14	(See Fig. 10)			1	Adapter Assy.
15	DS1055398E	DS1055398E	DS1055398E	1	Air Baffle, Not Used On Date Code "C"
16	DS1056098E	DS1056098E	DS1056098E	1	Cover, Shroud
17	68884E	68884E	68884E	1	Screen
	DC9178118	DC9178118	DC9178118	1	Inlet Screen, Starting With Date Code "C"
18	(See Fig. 16)	(See Fig. 17)	(See Fig. 18)	1	Shroud Electrical Assembly
19	561604E	561604E	561604E	1	Roll Pin 1/8 x 3/8" Lg.
20	69442E	69442E	69442E	1	Nipple 1/4 NPT x 3"
	DC9603268	DC9603268	DC9603268	1	Inlet Tube, Starting With Date Code "C"
21	80241E	80241E	80241E	1	Pipe Coupling 1/4", Not Used On Date Code "C"
26	(See Fig. 9)			1	Filter Block Asm

★ Included in 54177K Repair Kit
◆ Includes 4 brushes (68757) and 4 springs (68758)
] Includes 2 brushes (68757) and 2 springs (68758)
s Includes 4 brushes (68757) and 1 brush ring (45306)
v Includes 2 brushes (68757) and 1 brush ring (68761)

Repair Parts List (Refer to figure 3) cont.					
Item	Part Number			Qty.	Description
	Pump and Motor Assy. DS1069900SR (115 VAC)	Pump and Motor Assy. DS1072900SR (230 VAC)	Pump and Motor Assy. DS1175900SR (230 VAC European)		Date Code "B" only
	Pump and Motor Assy. DD9775900SR (115VAC)	Pump and Motor Assy. DD9790900SR (230VAC)	Pump and Motor Assy. DD9791900SR (230VAC European)		Date Code "B" thru "C"
27	DS1057037E	DS1057037E	DS1057037E	1	Gasket, Shroud Cover
28	DS1135042E	DS1135042E	DS1135042E	8	HHCS 10-32 x 3/8" Lg.
29	DS1136108E	DS1136108E	DS1136108E	8	Washer, Sealing
30	42336E	42336E	42336E	4	Nut, Acorn
31	65892E	65892E	65892E	4	Washer, Sealing
32	DS1137305E	---	---	4	Stud, 1/4-20 x 2.75" Lg.
	---	DS1138305E	DS1138305E	4	Stud, 1/4-20 x 1.50" Lg.
	DD9723305	DD9722305	DD9722305	4	Stud, Starting With Date Code "C"
33	69264E	69264E	69264E	1	Breather Vent
34	65888E	65888E	65888E	2	Push-On Terminal
35	DS1139186E	---	---	4	Spacer, 1.69" Lg.
	---	44620E	44620E	4	Spacer, 0.38" Lg.
	DD9724186	69353	69353	4	Spacer, Starting With Date Code "C"
36	DC9922026E	DC9922026E	DC9922026E	1	Decal, High Voltage
40	DD4338026E	DD4338026E	DD4338026E	1	Decal, Transformer Fuses
41	41964E	41964E	41964E	2	Swivel Fitting
42	DD6106037E	DD6106037E	DD6106037E	1	Valve Gasket
43	B1013028X	B1013028X	B1013028X	2	SHCS, 1/4-20 x 1.25" Lg
44	DD9750380	---	---	1	Ferrite Core - Wrap Around Motor Hot Leads, Starting With Date Code "C"
★ Included in 54177K Repair Kit ♦ Includes 4 brushes (68757) and 4 springs (68758)] Includes 2 brushes (68757) and 2 springs (68758) s Includes 4 brushes (68757) and 1 brush ring (45306) v Includes 2 brushes (68757) and 1 brush ring (68761)					

Figure 3A - Starting With Date Code "C"

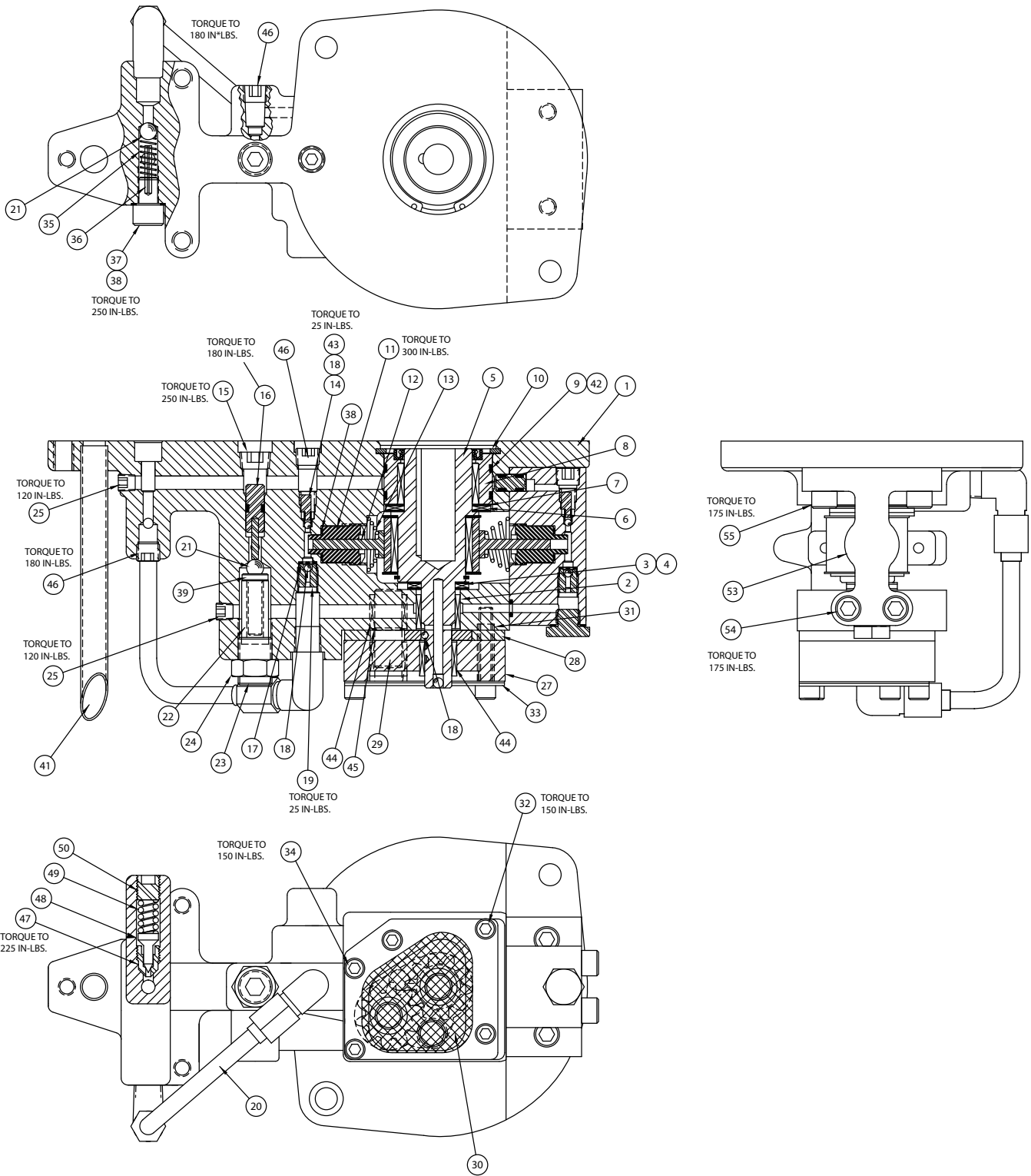


Notes:

⚠ Apply Loctite 545 to threads before installation.

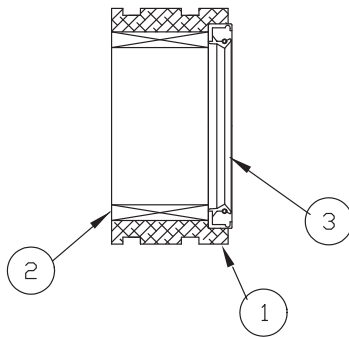
Repair Parts List (Refer to figures 3A) Starting With Date Code "C"			
Item	Part Number	Qty.	Description
10	Pump Element	1	see RPS L2596 for MPE
11	F100094-246	1	Fitting 5-4 FTX-S
12A	F100097-16	1	Fitting, Standard Pump
13A	DC9335646	1	Hose, Bypass 8"
21	DC9173690	1	Connector Fitting
22	★BSS0368D	1	Back-up
23	★B1012803	1	O-Ring
24	★DC9271167	1	Copper Gasket
25	★DC9551920	1	Pump Gasket
26	CBE621028-1A	2	SHCS, M6 X 20
27	DD9587900	1	Tube, ASM Steel
28	DC9603268	1	Intake Tube, 6.5" 40L
29	DC9178118	1	Intake Filter
★ Items included in Seal Kit ZE3K			

Figure 4 - 18852SR Pump Assembly



Repair Parts List (Refer to figure 4)							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	43769E	1	Pump Body 2 Piston	27	68849E	1	Plate-Bottom
	Pump Element	1	See RPS L2596 For MPE Pump Element, Starting With Date Code "C"	28	68848E	1	Gear Set
3	66033E	1	Thrust Bearing	30	★ 68921E	1	Screen
4	66474E	2	Thrust Washer	31	68894E	2	Tube-Guide .11
5	(See Fig. 7)	1	Eccentric Shaft Assembly	32	68255E	4	SHCS 1/4-28 x 1-3/4"
6	66106E	1	Thrust Bearing	33	68927E	1	Plate-Screen Mtg.
7	66108E	2	Thrust Washer	34	89148E	1	SHCS 1/4-28 x 1-1/2"
8	(See Fig. 5)	1	Adapter-Shaft Asm.	35	68225E	1	Spring
9	★ 56020322E	2	O-Ring 1-7/8 x 2" Ure	36	81332E	1	Roll Pin 1/8 x 15/16"
10	68978E	1	Retaining Ring	37	68226E	1	Screw, Ball Stop
11	68945E	1	Adaptor .225 Dia.	38	85726E	2	Gasket 25/64 x 19/32"
12	67868E	1	Piston .225 Dia.	39	43673E	1	Spring Cap Unload Valve
13	68340E	1	Spring, Piston	41	68569E	1	Tube Return
14	68810E	1	Ball Stop	42	★ 69513E	2	Shaft Adp Backup Was.
15	93950E	1	1/4" Soc Pipe Plug	43	66042E	1	Spring
16	(See Fig. 6)	1	Unloading Piston Assy	44	68891E	3	Bearing
17	66043E	1	Ball Retainer	45	68892E	1	Ring-Retaining
18	90906E	5	Ball 1/8"	46	81093E	3	Pipe Plug 1/8" Flush
19	66046E	1	Intake Seat	47	▲ 68004E	1	Seat - Ext Relief
20	68851SR	1	Tube Asm	48	▲ 68003E	1	Cone - Ext Relief
21	91701E	2	Ball 5/16"	49	▲ 66085E	1	Spring - Relief Valve
22	43671E	1	Unloading Spring	50	66083E	1	Relief Valve Adj. Screw
23	43674E	1	Set Screw Unloading Valve	53	(See Fig. 8)	1	Piston Blk .225
24	43675E	1	Hex Nut Unloading Valve	54	69392E	2	SHCS 5/16-24 x 1.75"
25	97641E	2	1/16" Soc Pipe Plug	55	82687E	2	SHCS 5/16-24 x 5/8"
★ Included in 54177K Repair Kit ▲ Included in 55057K Relief Kit Note: Not used starting with Date Code "C"							

Figure 5 - 68829SR Adapt-Shaft Assembly



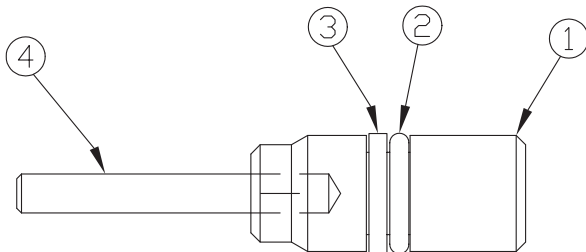
Repair Parts List (Refer to figure 5)

Item	Part Number	Qty.	Description
1	68912E	1	Adapter Shaft
2	66030E	1	Bearing
3	★ 68901E	1	Seal

★ Included in Repair Kit 54177K

Note: Not used starting with Date Code "C"

Figure 6 - 43766SR Unloading Piston Assembly

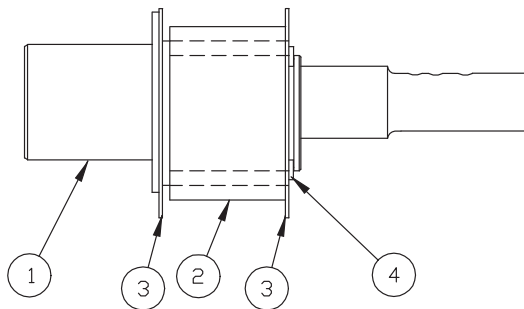


Repair Parts List (Refer to figure 6)

Item	Part Number	Qty.	Description
1	43765E	1	Unload Piston
2	5602009E	1	O-Ring
3	43768E	1	Back-Up Washer
4	43686E	1	Roll Pin

Note: Not used starting with Date Code "C"

Figure 7 - 69082SR Eccentric Shaft Assembly

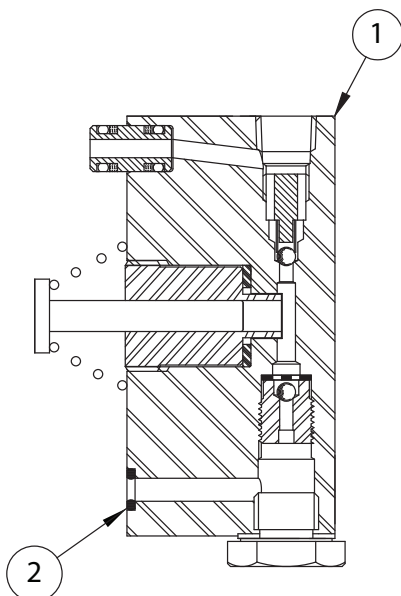


Repair Parts List (Refer to figure 7)

Item	Part Number	Qty.	Description
1	68859E	1	Eccentric Shaft
2	69081SR	1	Bearing
3	69475E	2	Bearing Washer
4	67863E	1	Retaining Ring
5	90548E	1	Ball

Note: Not used starting with Date Code "C"

Figure 8 - 68502SR Piston Block Assembly



Repair Parts List (Refer to figure 8)

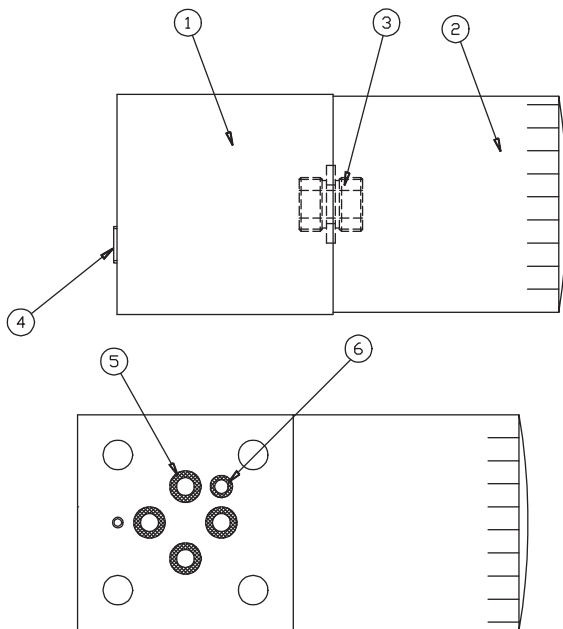
Item	Part Number	Qty.	Description
1	68502SR	1	Piston Block Assembly (Includes item 2)
2	★ 5602008E	1	O-Ring 3/16 x 5/16"

★ Included in Repair Kit 54177K.

Note: Piston block components are shown in Fig. 8 for reference only. Order complete 68898SR piston block assembly if replacement is required. Piston block assembly is not repairable.

Note: Not used starting with Date Code "C"

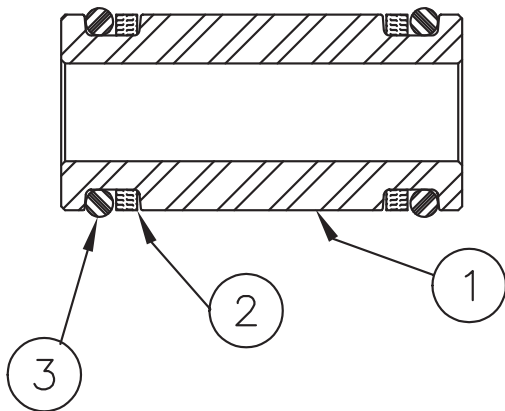
Figure 9 - 69740USR Filter Block Assembly



Repair Parts List (Refer to figure 9)

Item	Part Number	Qty.	Description
1	69546E	1	Filter Block
2	69670E	1	Oil Filter Power Pump
3	69144E	1	Adapter Filter
4	93950E	2	1/4" Soc Pipe Plug
5	56020112E	4	O-Ring 5/16 x 7/16" URE
6	5602008E	1	O-Ring 3/16 x 5/16"

Figure 10 - 68963SR Adapter Assembly



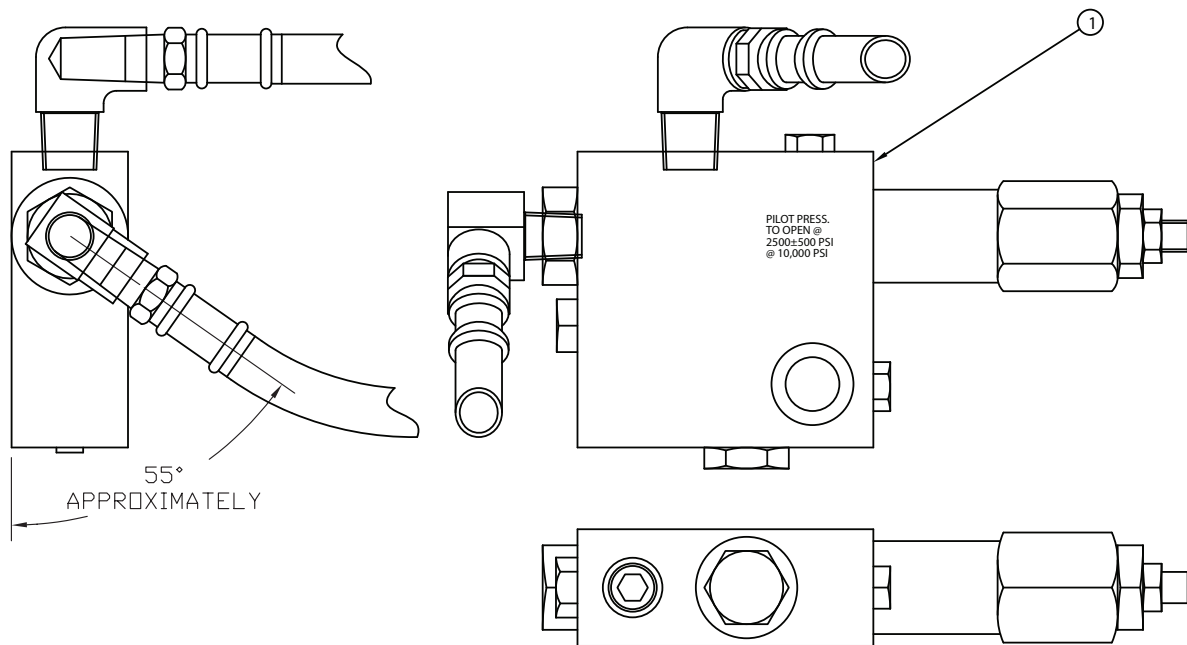
Repair Parts List (Refer to figure 10)

Item	Part Number	Qty.	Description
1	88073E	1	Valve Adapter
2	★ 65881E	2	B-U Ring
3	5602012E	2	O-ring 3/8 x 1/2"

★Included in Repair Kit 54177K

Note: Not Used, Starting With Date Code "C"

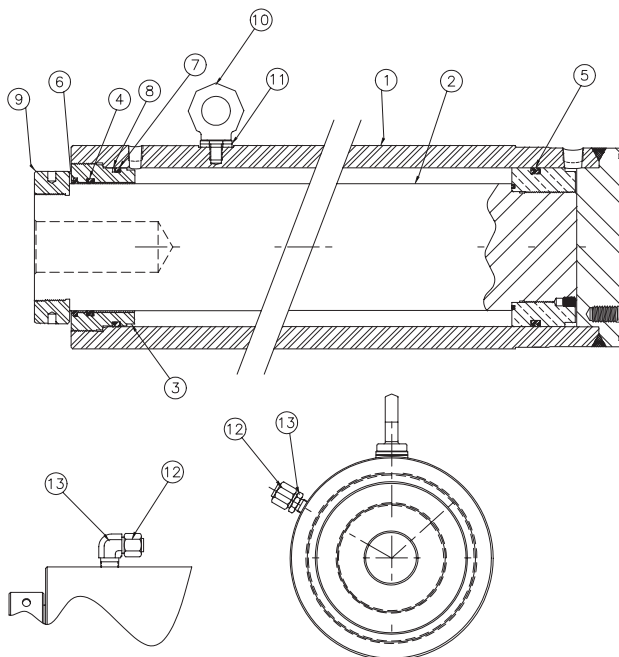
Figure 11 - 42353SR Over-Center Valve Subassembly



Repair Parts List (Refer to figure 11)

Item	Part Number	Qty.	Description
1	42353SR	1	Valve, Over-Center
Note: Item 1 includes OC valve subassembly, elbows and hydraulic hoses. Items not sold separately. Order complete 42353SR OC valve assembly if replacement is required. Valve is not repairable.			

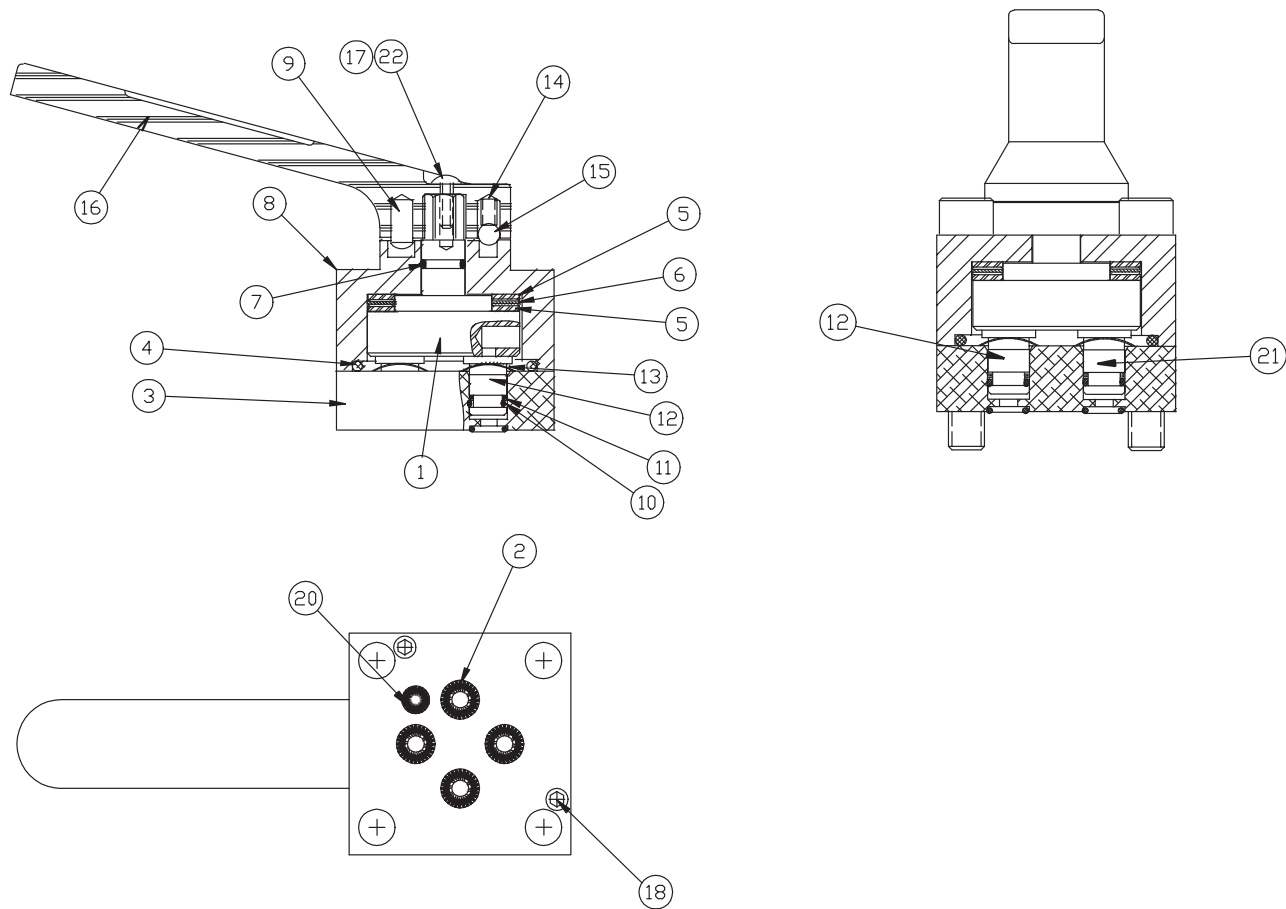
Figure 12 - 41917SR, 42430SR Cylinder Assembly



Repair Parts List (Refer to figure 12)

Model	PREM_10016L (all versions)	PREM_10027L (all versions)		
Item	Asm. 41917SR	Asm. 42430SR	Qty.	Description
1	41918E	42429E	1	Cylinder Weldment
2	41921SR	42427SR	1	Piston Rod Asm.
3	41924E	41924E	1	100 Ton Head Gland
4	*	*	1	T-Seal Rod 4" Dia
5	*	*	1	T-Seal Piston 5-1/4"
6	*	*	1	Wiper 4" Rod Dia
7	*	*	1	O-Ring 5" x 5-1/4"
8	*	*	1	B-U Washer
9	41925E	41925E	1	Ring
10	N/A	43308E	1	Swivel Eye Bolt 1/2"
11	N/A	44888E	1	Washer Eyebolt
12	45664E	45664E	1	O-Ring Face Seal Plug
13	44865E	45666E	1	O-Ring Ftg, 3/8" NPT
* Included in 54401K Repair Kit N/A = Not Available				

Figure 13 - 69101SR 4-Way Manual Valve Subassembly



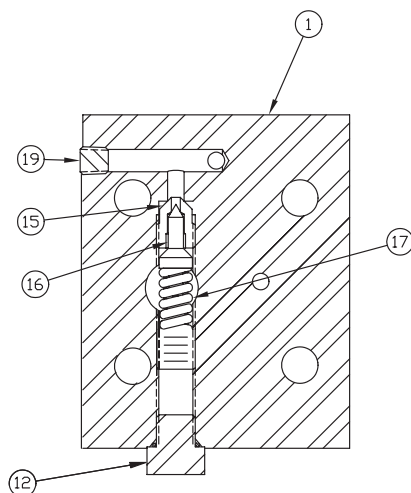
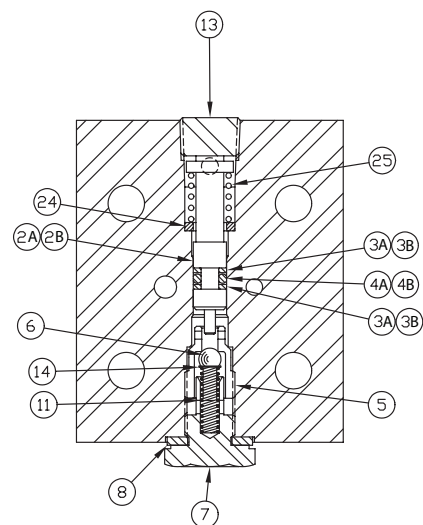
Repair Parts List (Refer to figure 13)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	43762E	1	Valve Rotor	12	68029E	1	Shear Seal
2	* 56020112E	4	O-Ring	13	68028E	3	Spring Washer
3	68180E	1	Subplate - Valve	14	68025E	1	Detent Spring
4	* 5602225E	1	O-Ring	15	92549E	1	Ball
5	68026E	2	Thrust Washer	16	69091E	1	Valve Handle
6	68155E	1	Thrust Bearing	17	44595E	1	Screw
7	* 5602012E	1	O-Ring	18	85317E	2	Screw
8	69135E	1	Upper Valve Block	N/S	93598E	4	Screw
9	93804E	1	Drive Lok Pin	20	5602008E	1	O-Ring
10	* 5602011E	3	O-Ring	21	68181E	2	Shear Seal
11	* 65882E	3	Washer	22	Y0010765E	1	Lockwasher

N/S = Not Shown

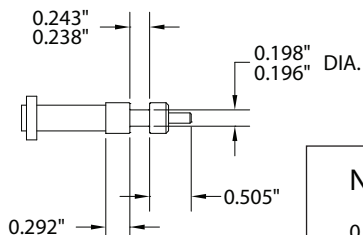
* Included in Valve Kit 54490K

Figure 14 - 42480SR Locking Valve Subassembly (with relief)



SPOOL AND SEAL REPLACEMENT INFORMATION

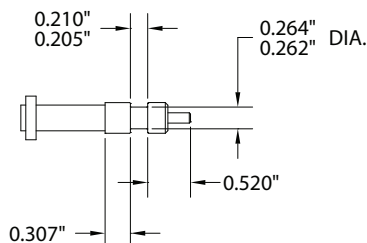
OLD DESIGN - ITEM 2A



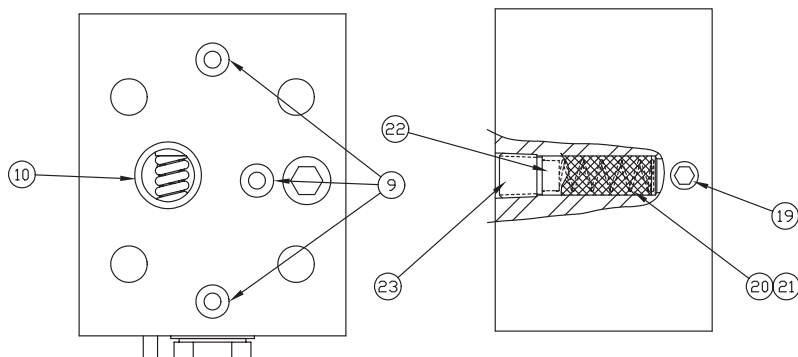
IMPORTANT: Use items 3A and 4A with OLD design spool, item 2A.

IMPORTANT: Use items 3B and 4B with NEW design spool, item 2B.

NEW DESIGN - ITEM 2B



Note: Old design spool (2A) must be replaced with new design spool (2B) if it is worn or damaged. Old design spool (2A) is no longer available.

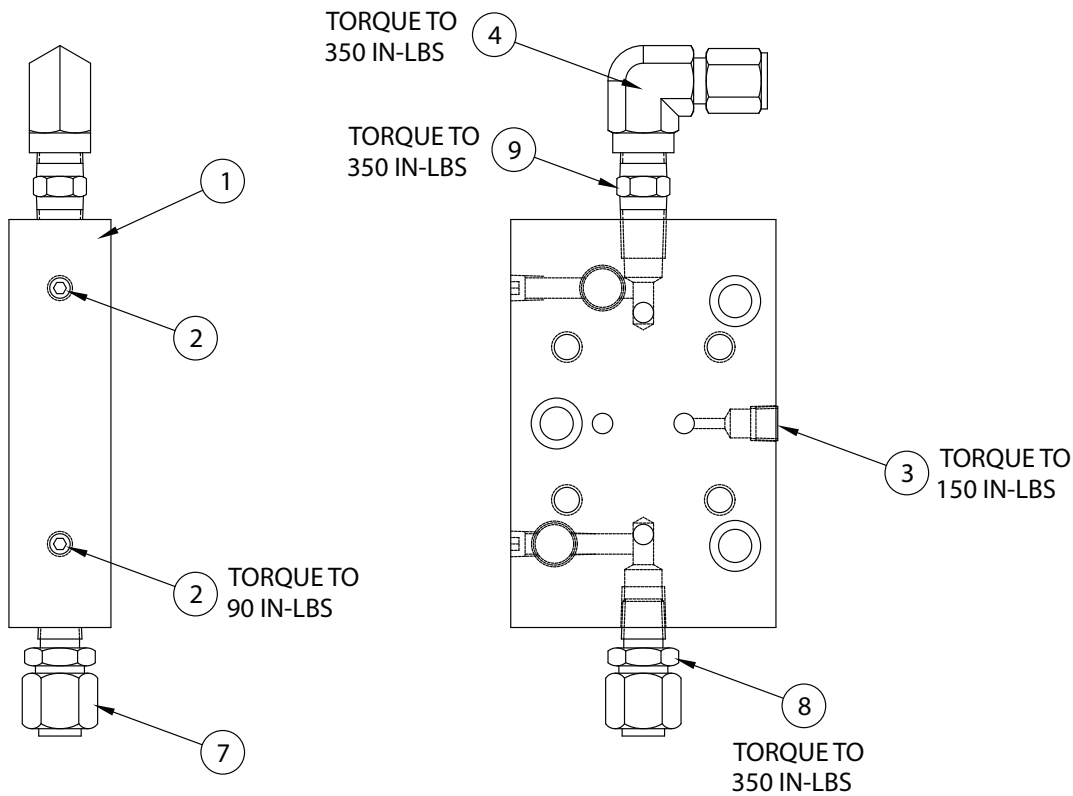


Repair Parts List (Refer to figure 14)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	42307E	1	Locking Valve Body - Relief	12	68258E	1	Plug SAE #4
2A	(not available)	1	Spool Piston (old design)	13	84084E	1	Spring Washer
2B	42727E	1	Spool Piston (new design)	14	69870E	1	Spring Eyelet Lock
3A	5608106E	2	Backup Washer 8-106	15	▲ 68004E	1	Seat - Ext Relief
3B	✚ 43927E	2	Backup Washer TEF -010	16	▲ 68003E	1	Cone - Ext Relief
4A	5602106E	1	O-Ring 3/16 x 3/8"	17	▲ 66085E	1	Spring - Relief Valve
4B	✚ B1005503	1	O-Ring 1/4 x 3/8"	18	66083E	1	Relief Valve Adjusting Scr.
5	68590E	1	Seat	19	40049E	3	1/16" Pipe Plug - Flush
6	92526E	1	Ball 9/32"	20	69518E	1	Screen O.C. Valve
7	69508E	1	Plug - Adapt P.R. Lock	21	42423E	1	Screen O.C. Valve
8	68183E	1	Gasket - Plug	22	69517E	1	Screen Cap
9	56020102E	3	O-Ring 1/4 x 3/8" Ureth	23	82522E	1	Pipe Plug 1/4" Flush
10	56020162E	1	O-Ring 5/8 x 3/4" Ureth	24	42726E	1	Washer PR Lock Block
11	68870E	1	Compression Spring	25	68871E	1	Compression Spring

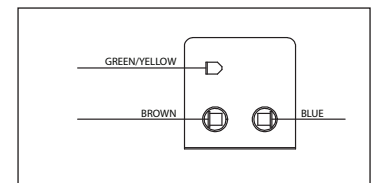
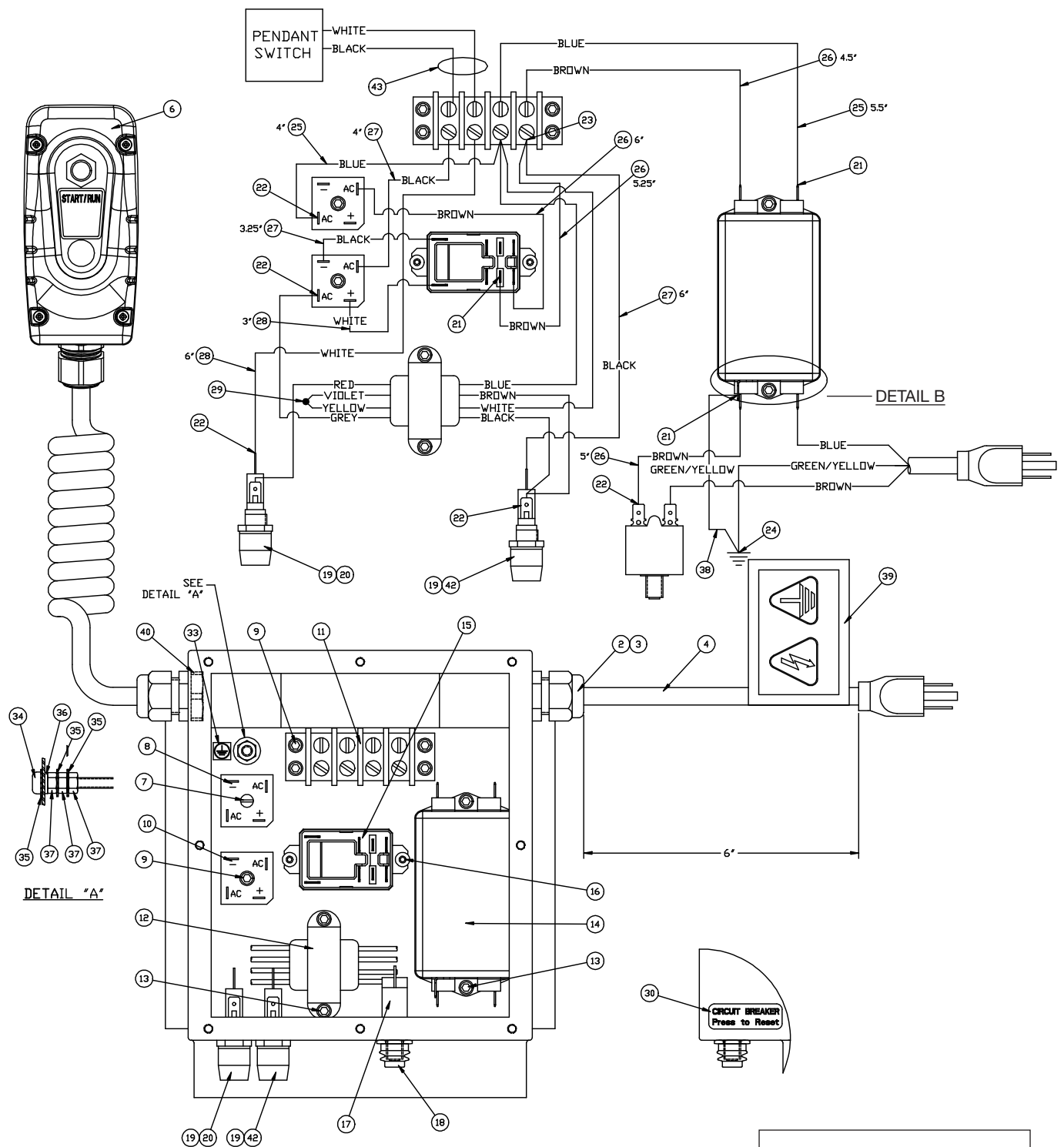
▲ Included in 55057K Relief Kit ✚ Included with item 2B

Figure 15 - 69749SR Manifold Assembly



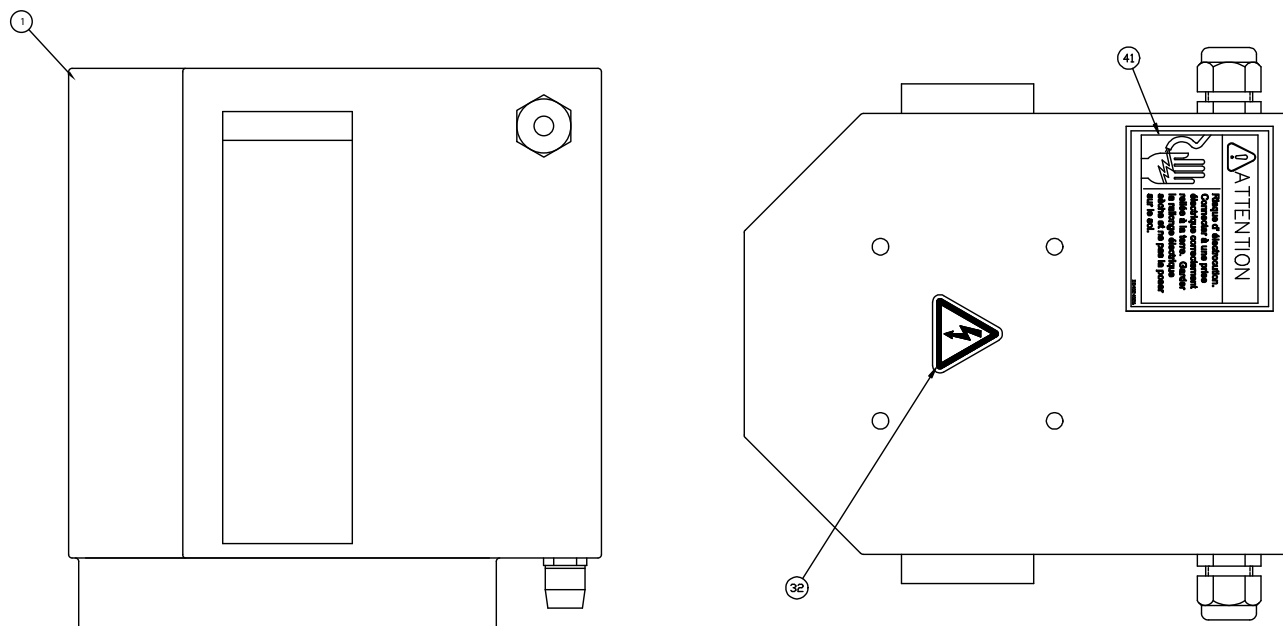
Repair Parts List (Refer to figure 15)							
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	69429E	1	Manifold Pow'r Riser	7	45664E	1	O-Ring Face Seal Plug
2	40049E	2	1/16" Pipe Plug - Flush	8	45663E	1	O-Ring Face Tube Ftg 1/4"
3	81093E	1	Pipe Plug 1/8" Flush	9	4100067E	1	Nipple 1/4"
4	43166E	1	Elbow 90 3/8 - 1/4"				

Figure 16A - DS1061900SR Shroud Electrical Assembly (115 V)



(DETAIL B - VIEWED FROM BELOW)

Figure 16B - DS1061900SR Shroud Electrical Assembly (115 V)

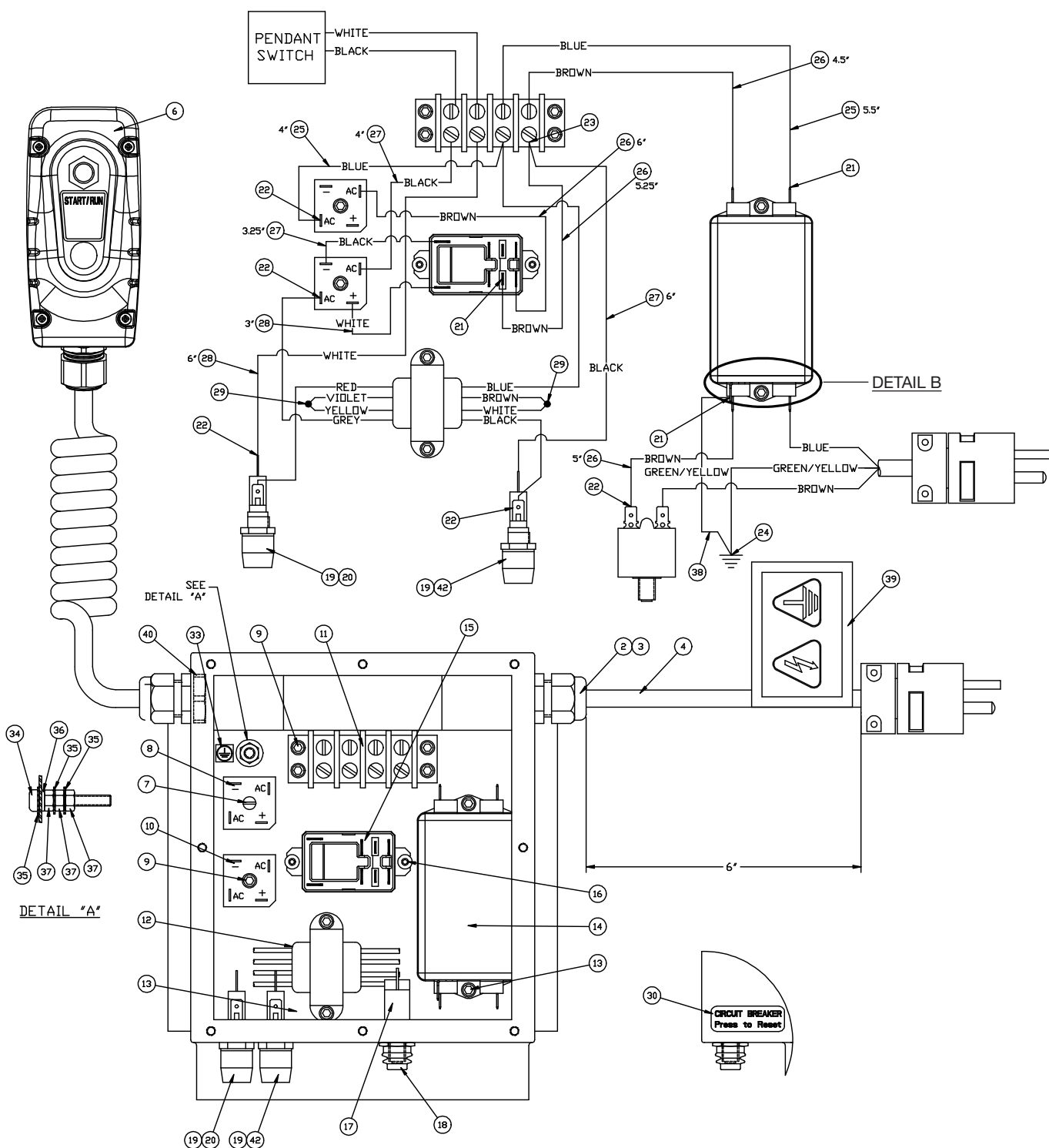


Repair Parts List (Refer to figure 16A and 16B)

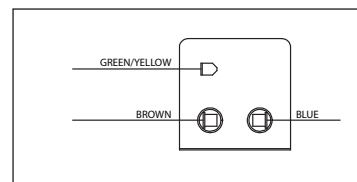
Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DS1054424	1	Shroud	23	65887E	6	Spade, Terminal
2	68375E	1	Fitting, Cord, L-Tight	24	69917E	2	Ring, Terminal
3	85510E	1	Locknut, 1/2 inch	25	DS1065452	A/R	Wire #14GA Strand Blue
4	68595E	1	Plug and Cord Assy.	26	46676E	A/R	Wire #14GA Brown
6	(See Fig. 21)	1	Pendant Assy.	27	68261BE	A/R	Wire #14GA Black
7	88032E	1	RHMS 10-32 5/8" Lg.	28	68262BE	A/R	Wire #14GA White
8	DS1244380	1	Bridge Rectifier 1600V	29	68093E	1	Wire Nut, Blue
9	42522E	5	SHCS 10-32 x 1/2" Lg.	30	DC8237026	1	Decal, CB Reset
10	68623E	1	Bridge Rectifier 25A	32	DC9922026	1	Decal, High Voltage
11	69599E	1	Terminal Strip	33	DC8119026	1	Decal, ZE Ground
12	68717E	1	Transformer	34	DC9984028	1	M6 x 40 Pan Hd. Screw
13	45175E	4	SHCS 10-32 x 1/4" Lg. Plt.	35	CCE1060108	3	Star Washer, 6mm Zinc
14	DS1051380	1	EMI Filter	36	CAE1060108-1A	1	Flat Washer, 6mm Zinc
15	DS1064980	1	Relay, 30A/250V 12VDC	37	CBE1060120-1D	3	Nut, M6
16	81145E	2	BHCS 8-32 x 1/4" Lg.	38	DS1066452	A/R	Wire #14GA Green/Yellow
17	DS1058380	1	Circuit Breaker, 20A	39	DD1651026	1	Decal, Electric Shock
18	DC8200380	1	Reset Cap, Circuit Breaker	40	DC9538021	1	Locking Nut, 20mm
19	69754E	2	Fuse Holder, 250V	41	DD4024026	1	Decal, Attention (French)
20	DC8371378	1	Fuse, 300mA	42	DC8400378	1	Fuse, 40 mA
21	44491E	9	Flag, Quick-Disc. Blue	43	DD9750380	1	Ferrite Core
22	65888E	11	Terminal, Push On				

A/R = As Required

Figure 17A - DS1062900SR Shroud Electrical Assembly (230 V)

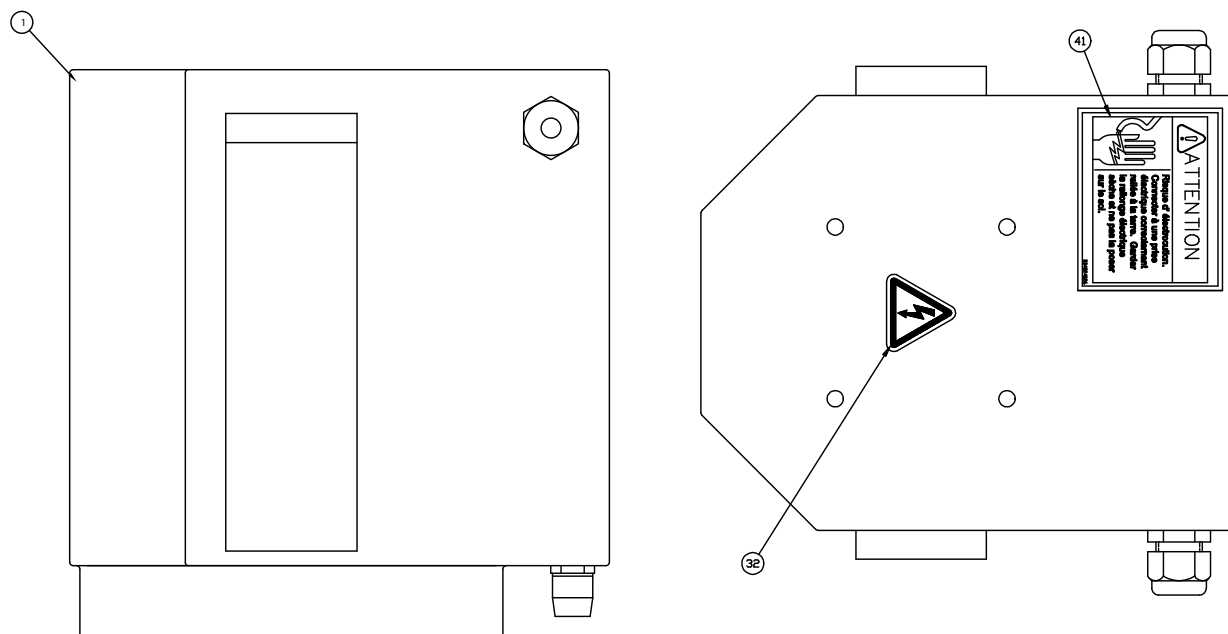


WARNING: High voltage. Disconnect power cord from electrical outlet before beginning any repairs.



(DETAIL B - VIEWED FROM BELOW)

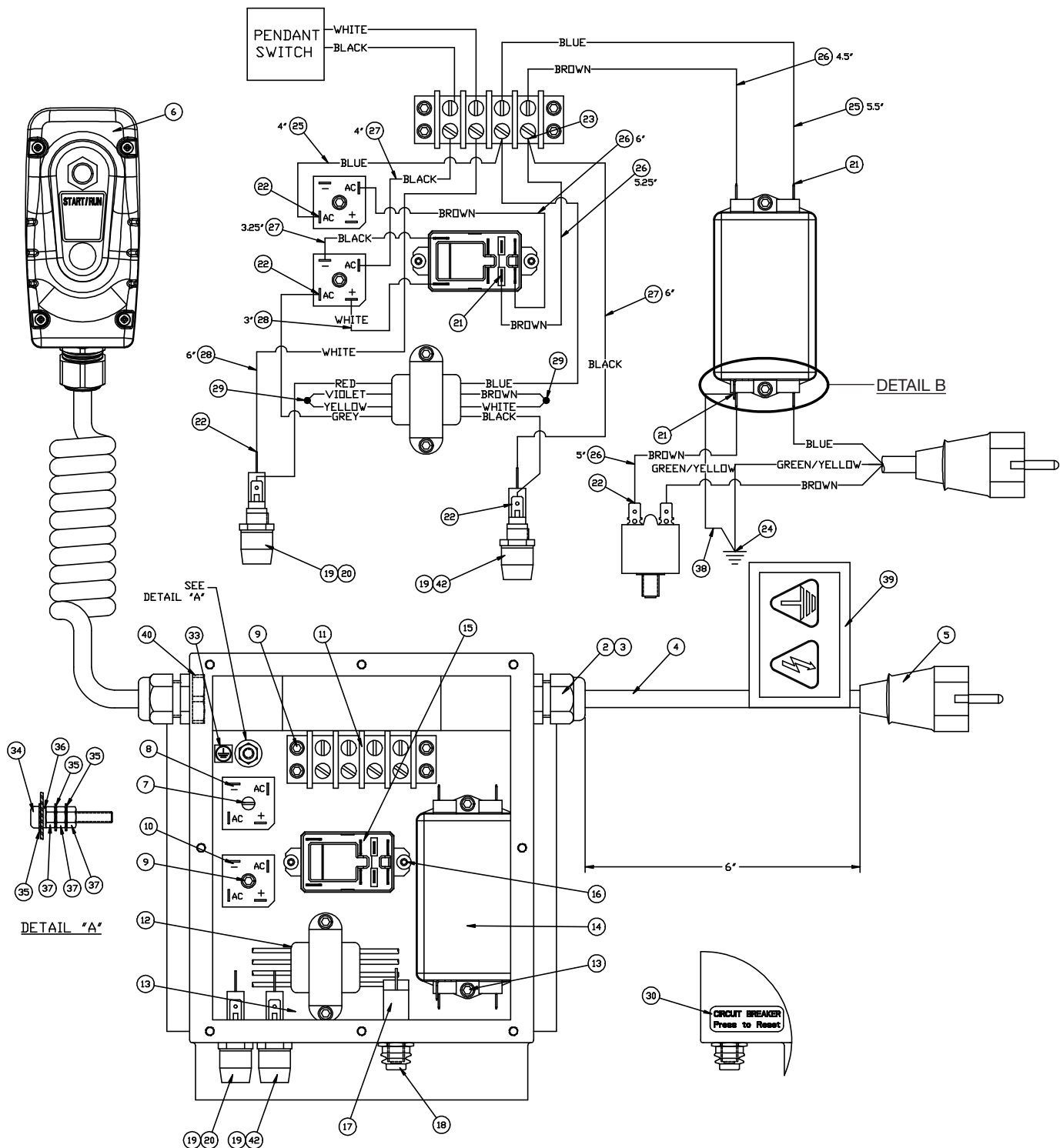
Figure 17B - DS1062900SR Shroud Electrical Assembly (230 V)



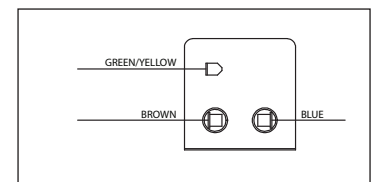
Repair Parts List (Refer to figure 17A and 17B)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DS1054424	1	Shroud	22	65888E	11	Terminal, Push On
2	68375E	1	Fitting, Cord, L-Tight	23	65887E	6	Spade, Terminal
3	85510E	1	Locknut, 1/2 inch	24	69917E	2	Ring, Terminal
4	DD4773052E	1	Cord Assembly, 230V US/Canada , 6 Feet Long	25	DS1065452	A/R	Wire #14GA Strand Blue
6	(See Fig. 21)	1	Pendant Assy.	26	46676E	A/R	Wire #14GA Brown
7	88032E	1	RHMS 10-32 5/8" Lg.	27	68261BE	A/R	Wire #14GA Black
8	DS1244380	1	Bridge Rectifier 1600V	28	68262BE	A/R	Wire #14GA White
9	42552E	5	SHCS 10-32 x 1/2" Lg.	29	68093E	2	Wire Nut, Blue
10	68623E	1	Bridge Rectifier 25A	30	DC8237026	1	Decal, CB Reset
11	69599E	1	Terminal Strip	32	DC9922026	1	Decal, High Voltage
12	68717E	1	Transformer	33	DC8119026	1	Decal, ZE Ground
13	45175E	4	SHCS 10-32 x 1/4" Lg. Plt.	34	DC9984028	1	M6 x 40 Pan Hd. Screw
14	DS1051380	1	EMI Filter	35	CCE1060108-6A	3	Star Washer, 6mm Zinc
15	DS1064980	1	Relay, 30A/250V 12VDC	36	CAE1060108-1A	1	Flat Washer, 6mm Zinc
16	81145E	2	BHCS 8-32 x 1/4" Lg.	37	CBE1060120-1D	3	Nut, M6
17	DC8309380	1	Circuit Breaker, 12A	38	DS1066452	A/R	Wire #14GA Green/Yellow
18	DC8200380	1	Reset Cap, Circuit Breaker	39	DD1651026	1	Decal, Electric Shock
19	69754E	2	Fuse Holder, 250V	40	DC9538021	1	Locking Nut, 20mm
20	DC8371378	1	Fuse, 300mA	41	DD4024026	1	Decal, Attention (French)
21	44491E	9	Flag, Quick-Disc. Blue	42	DC8400378	1	Fuse, 40 mA
A/R = As Required							

Figure 18A - DS1173900SR Shroud Electrical Assembly (230 V European)

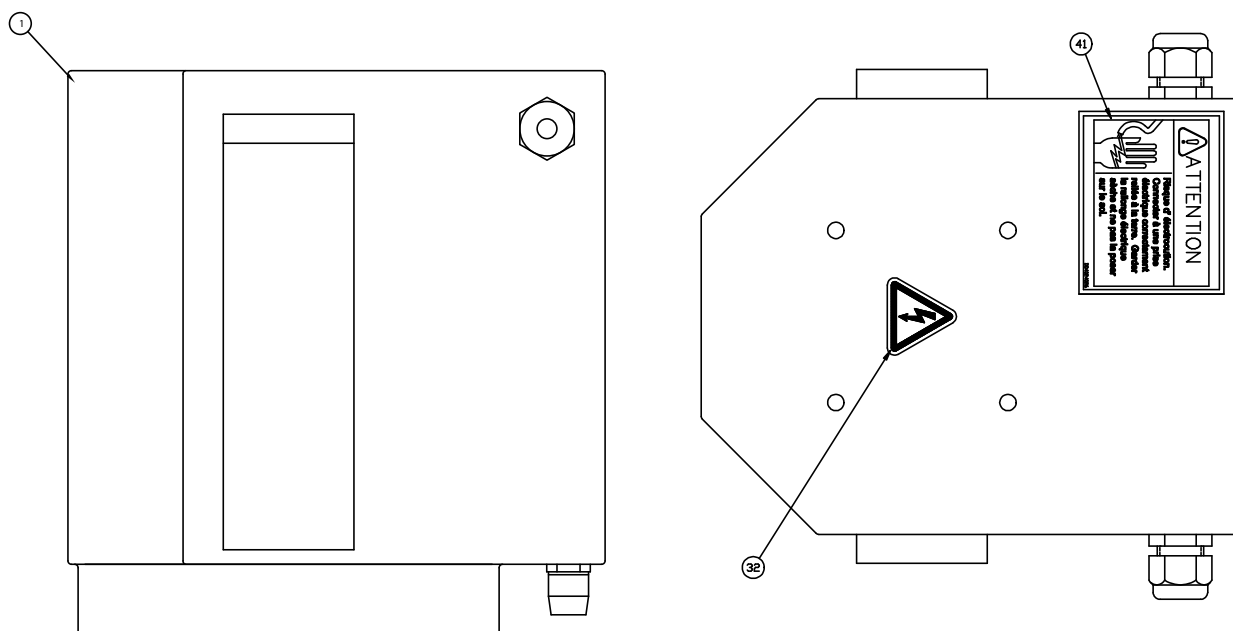


WARNING: High voltage. Disconnect power cord from electrical outlet before beginning any repairs.



(DETAIL B - VIEWED FROM BELOW)

Figure 18B - DS1173900SR Shroud Electrical Assembly (230 V European)

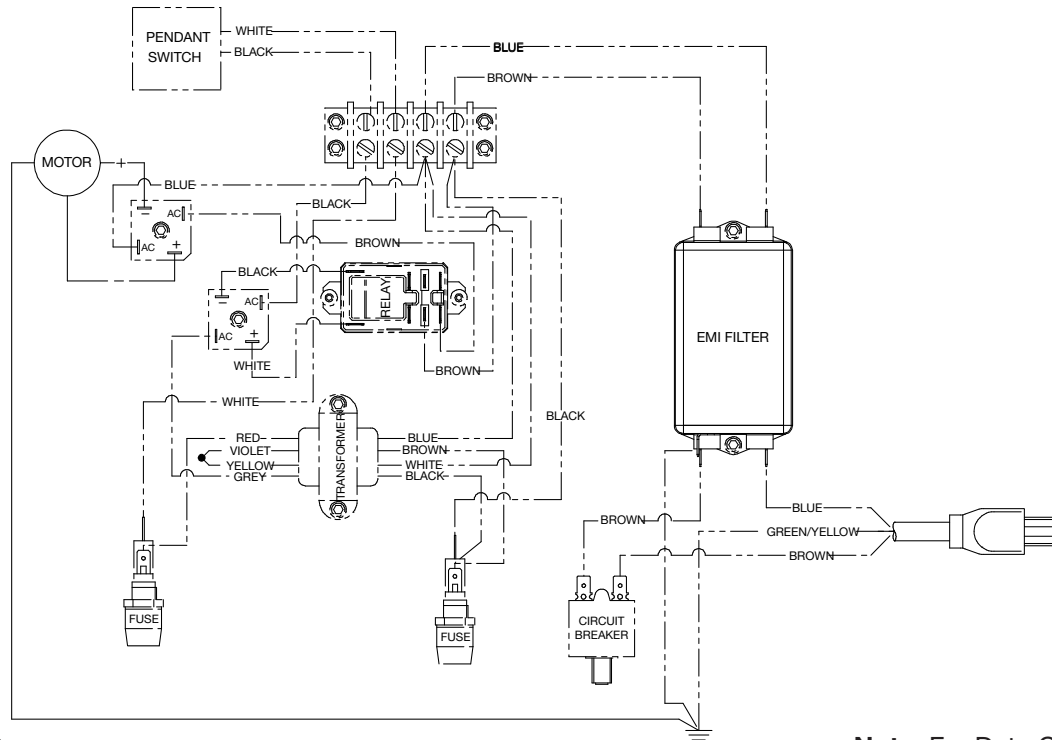


Repair Parts List (Refer to figure 18A and 18B)

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
1	DS1054424	1	Shroud	22	65888E	11	Terminal, Push On
2	68375E	1	Fitting, Cord, L-Tight	23	65887E	6	Spade, Terminal
3	85510E	1	Locknut, 1/2 inch	24	69917E	2	Ring, Terminal
4	69604RE	1	Power Cord, 1.6 Ft. Lg.	25	DS1065452	A/R	Wire #14GA Strand Blue
5	69778E	1	Plug 16 A, 250V European	26	46676E	A/R	Wire #14GA Brown
6	(See Fig. 21)	1	Pendant Assy.	27	68261BE	A/R	Wire #14GA Black
7	88032E	1	RHMS 10-32 5/8" Lg.	28	68262BE	A/R	Wire #14GA White
8	DS1244380	1	Bridge Rectifier 1600V	29	68093E	2	Wire Nut, Blue
9	42552E	5	SHCS 10-32 x 1/2" Lg.	30	DC8237026	1	Decal, CB Reset
10	68623E	1	Bridge Rectifier 25A	31	DS1169026	1	Decal, Transformer Fuse
11	69599E	1	Terminal Strip	32	DC9922026	1	Decal, High Voltage
12	68717E	1	Transformer	33	DC8119026	1	Decal, ZE Ground
13	45175E	4	SHCS 10-32 x 1/4" Lg. Plt.	34	DC9984028	1	M6 x 40 Pan Hd. Screw
14	DS1051380	1	EMI Filter	35	CCE1060108-6A	3	Star Washer, 6mm Zinc
15	DS1064980	1	Relay, 30A/250V 12VDC	36	CAE1060108-1A	1	Flat Washer, 6mm Zinc
16	81145E	2	BHCS 8-32 x 1/4" Lg.	37	CBE1060120-1D	3	Nut, M6
17	DC8309380	1	Circuit Breaker, 12A	38	DS1066452	A/R	Wire #14GA Green/Yellow
18	DC8200380	1	Reset Cap, Circuit Breaker	39	DD1651026	1	Decal, Electric Shock
19	69754E	2	Fuse Holder, 250V	40	DC9538021	1	Locking Nut, 20mm
20	DC8371378	1	Fuse, 300mA	41	DD4024026	1	Decal, Attention (French)
21	44491E	9	Flag, Quick-Disc. Blue	42	DC8400378	1	Fuse, 40 mA

A/R = As Required

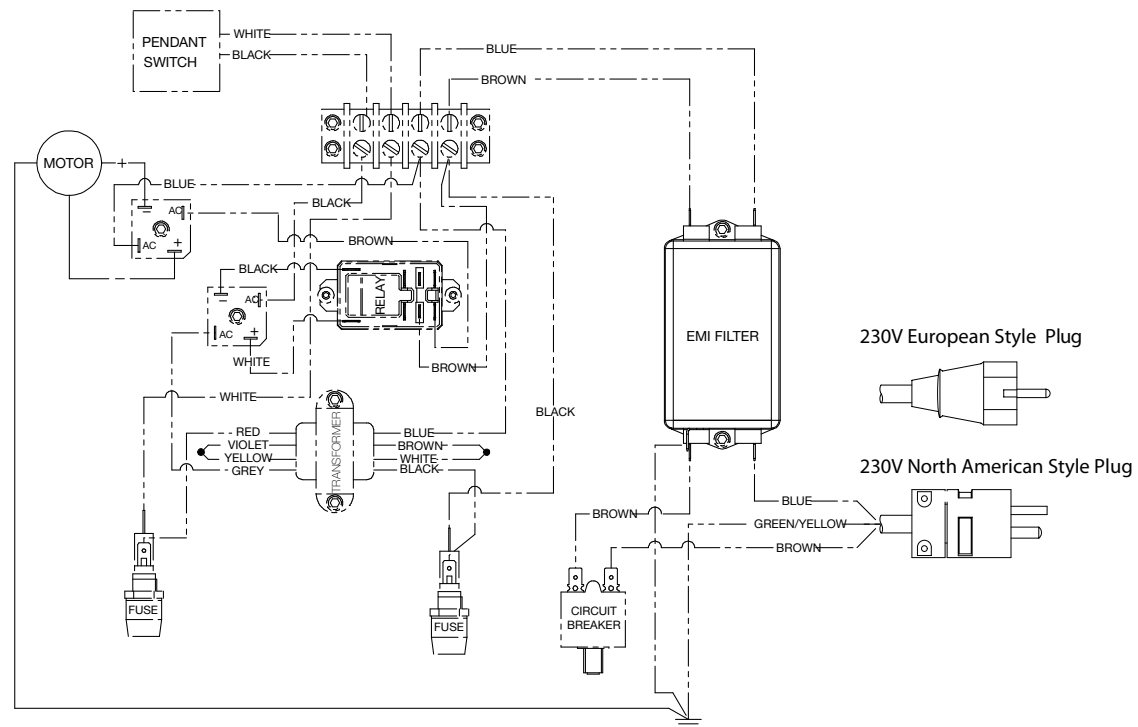
Figure 19 - 115 Volt Wiring Diagram



WARNING: High voltage. Disconnect power cord from electrical outlet before beginning any repairs.

Note: For Date Code "C"
Motor (+) to Rectifier (+)
Motor (-) to Rectifier (-)

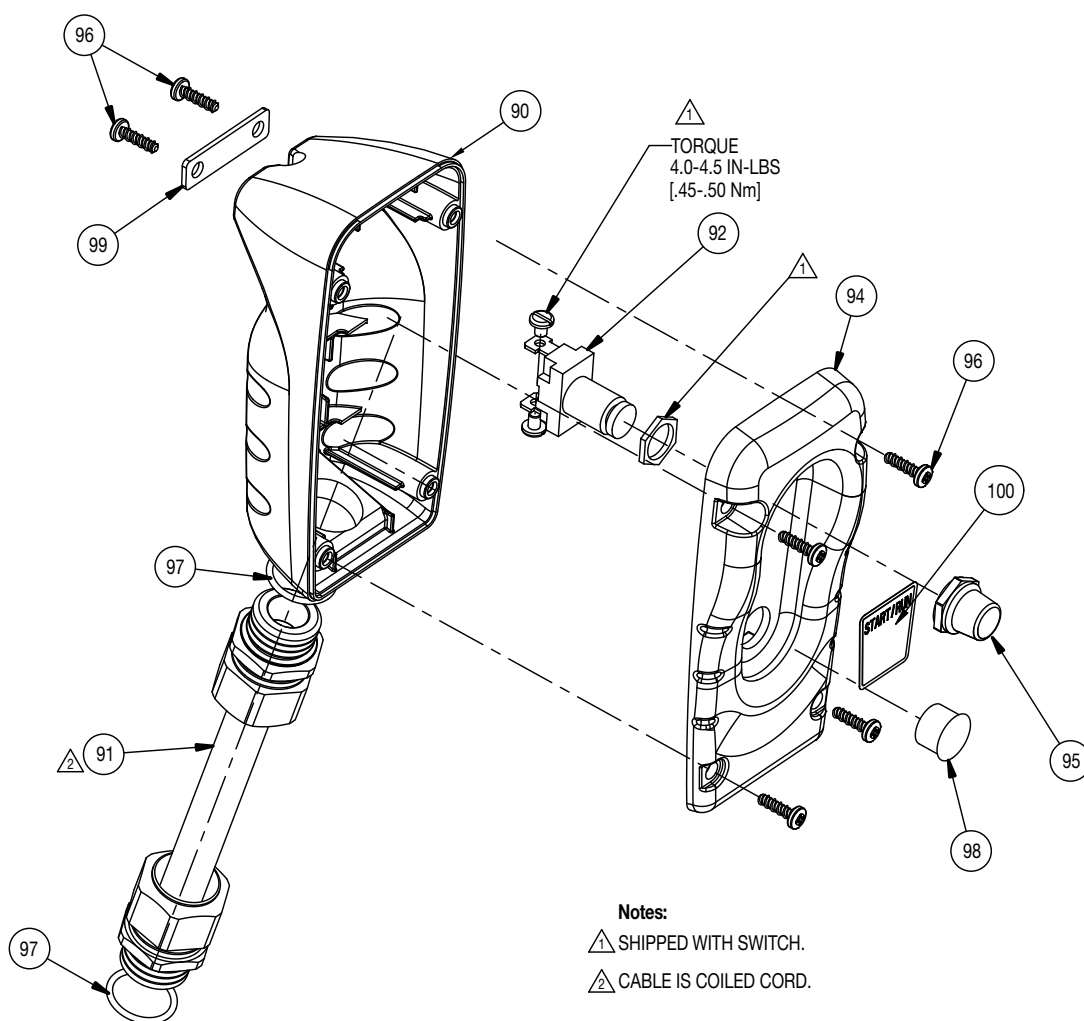
Figure 20 - 230 Volt Wiring Diagram



WARNING: High voltage. Disconnect power cord from electrical outlet before beginning any repairs.

Note: For Date Code "C"
Motor (+) to Rectifier (+)
Motor (-) to Rectifier (-)

Figure 21 - DS1074900SR Pendant Assembly



Repair Parts List for Figure 21

Item	Part Number	Qty.	Description	Item	Part Number	Qty.	Description
90	DC9425424E	1	Enclosure, Lower	96	DC9428008E	6	Screw, Hi-Low #8 x 1/2"
91	DS1075960E	1	Cable Assembly	97	B1223503E	2	O-Ring
	DD9706960	1	Cable Assembly, Starting With Date Code "C"	98	DC8228009E	1	Dome Plug
92	DC8282379E	1	Pendant Button, NO	99	DS1167101E	1	Plate, Pendant Hook
94	DC8122424E	1	Enclosure, Upper		DD9660101	1	Plate, Pendant Hook, Starting With Date Code "C"
95	DC8284379E	1	Switch Cover	100	DD4333026E	1	Decal, PR Pendant

Note: Pendant Assembly DD9745900SR includes all items shown above, starting with Date Code "C"

Note: Cable is coiled cord, for Date Code "B" only

Figure 22 - 41961SR Upper Handle Assembly

Repair Parts List (Refer to figure 22)								
Item	Part Number	Qty.	Description		Item	Part Number	Qty.	Description
1	41595E	1	Upper Weldment		8	41614E	1	Washer 9/16" ID x 3/32"
3	42368E	1	Handle Lock Lever		9	42497E	1	Roll Pin 5/32 x 7/8"
4	41600E	1	Sleeve		11	88429E	4	Washer SS 1/4"
5	41601E	1	Handle Rod		12	42340E	4	Pin Ring
6	41602E	1	Spring . 656 x 9.50"		13	42338E	2	Pin Handle Lever
7	41613E	1	E-Ring .8/.82 x .042					

NOTES:

[illegible]

