

# Arctic Equipment Manufacturing Corporation

R04

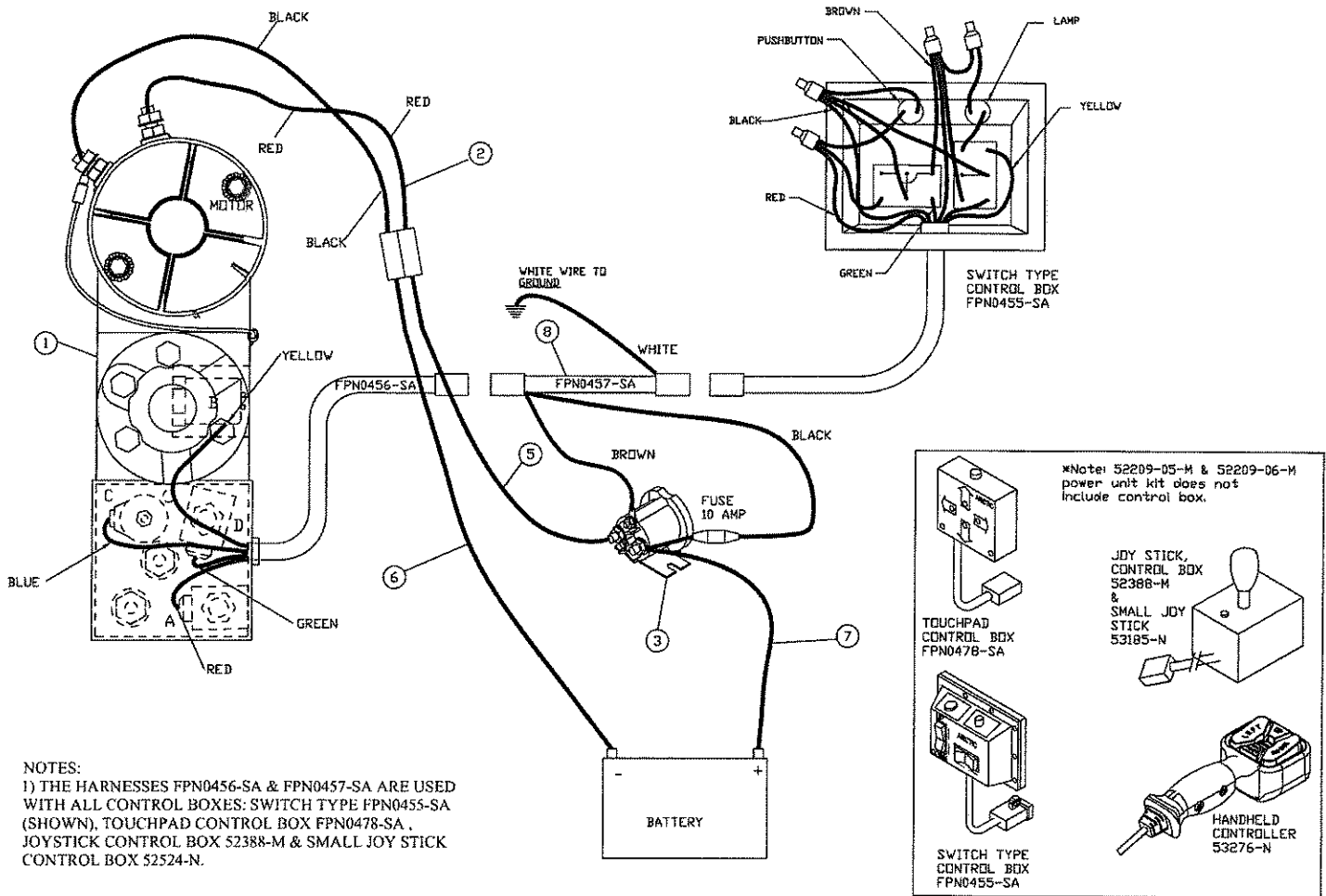
## M673F Power Unit Kit Installation Instructions

52209-05-M M673F Power Unit Kit for Quik-Link Mounting Style/ 52209-06-M M673F Power Unit Kit for Bush Guard Mounting Style			
Item	Part Number	Description	Quant.
1	M673F-01	M673F010-01L27E power unit	1
2	3004665	Cable and plug assembly	1
*3	FP17757	Solenoid	1
5	1306120	63" Power Cable	1
6	13061221	54" Ground Cable	1
7	1306340	22" Battery Power Cable	1
8	FPN0457-SA	Intermediate Harness	1
**9	0203300	Weather Cover for power and ground cable	1
10	HH-00794-003	90 degree swivel elbow	2
11	51003-N	Quick Disconnect ( Includes Male & Female)	2
**12	52427-N	Red Terminal Protector	1
14	51002-M	18" Hose Assembly	1
14a	51904-M	29" Hose Assembly	1
**15	52428-N	Black Terminal Protector	1
16	52315-N	Harness dummy plug	1
17	490056-01	½ oz tube die electric grease	1

Note:\* Item 3 was part # FP7518

\*\*Items not shown on drawing.

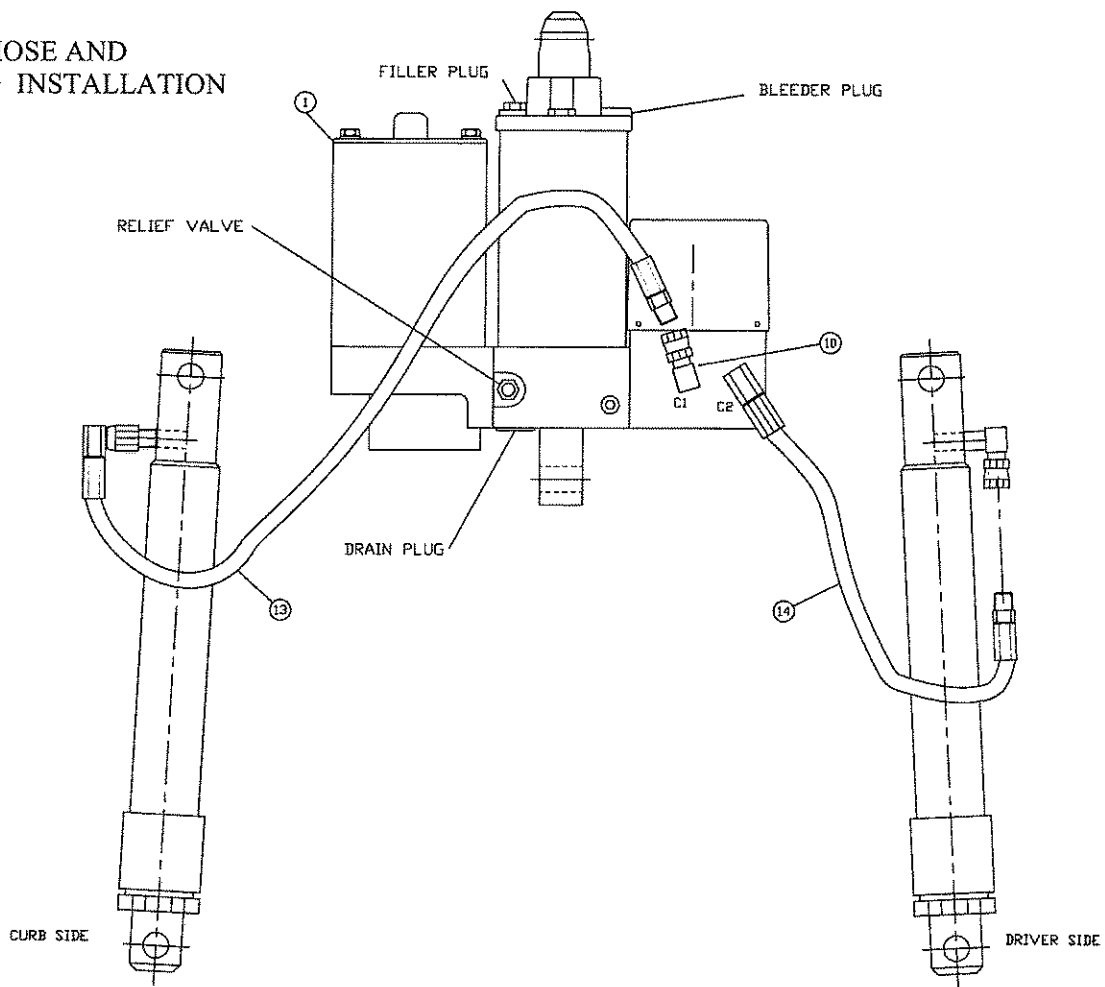
# M673F WIRING INSTALLATION



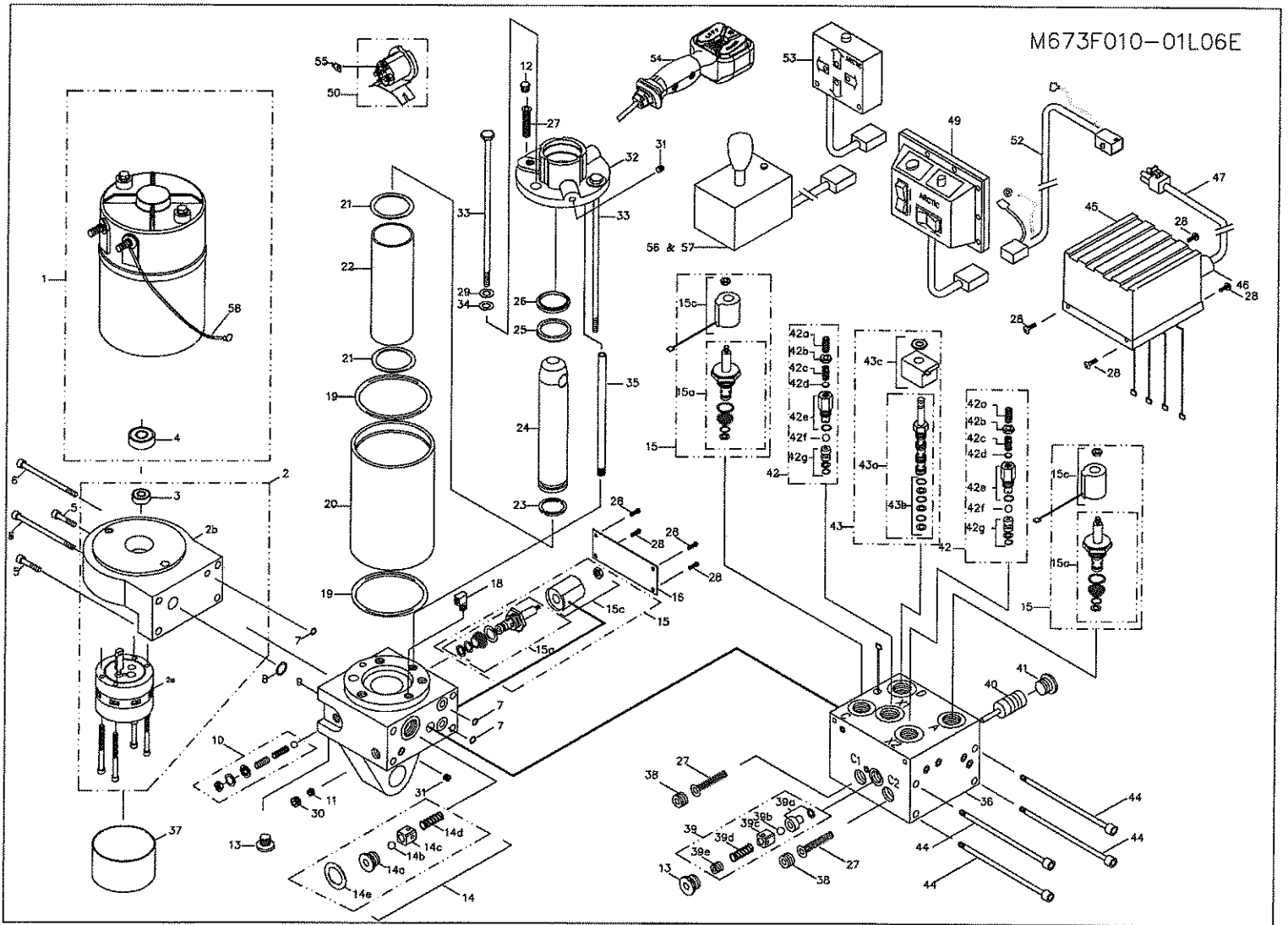
NOTES:  
1) THE HARNESSES FPN0456-SA & FPN0457-SA ARE USED WITH ALL CONTROL BOXES: SWITCH TYPE FPN0455-SA (SHOWN), TOUCHPAD CONTROL BOX FPN0478-SA, JOYSTICK CONTROL BOX 52388-M & SMALL JOY STICK CONTROL BOX 52524-N.

\*Note: 52209-05-M & 52209-06-M power unit kit does not include control box.

# M673F HOSE AND FITTING INSTALLATION



M673F010-01L06E



M673F Old- Parts List

Rev	Ref #	Qty	Part #	Description
R2	1	1	FP18442	Electric Motor, 12V DC
R3	1a	1	FP8714	Brush Kit for ISKRA motor (FP18442)
	1b	1	52589-M	Brush Kit for Prestolite Motor (FP8034)
	2	1	FPN0733-SA	Pump and Base Assembly, 03 Gear
R1	2a	1	FPK-12311-250	Modular Pump Kit,03 Gear
	2b	1	FPN0856-SA	Base Ass'y c/w seal
	2c	1	FP7985	Needle Bearing (Pump Shaft to Pump Base)
	3	1	FP2159	Seal, Pump shaft
	4	1	FP2318	Bearing, Motor to Pump Base
	5	2	FPN0582	Screw, SHCS, 1/4-20UNC * 1.0
	6	2	FPN0364	Screw, SHCS, 1/4-20UNC * 4.5
	7	3	FP0117	'O'-Ring, 1/16 * 3/8 ID * 1/2 OD, 2-012,
	8	1	FPN0055	'O'-Ring, 3/32 * 7/16 ID * 5/8 OD, 2-111,
	9	1	FPN0553-SA	Center Block Ass'y (c/w relief valve, check valve, B valve, o-rings)
	10	1	FP7527	Parts Kit, Relief Valve Assembly (c/w washer part #FPN0575)
	11	1	FP4371	Plug, Orifice, 3/64" Hole (1/16-27 NPTF)
	12	1	FPN0585	Plug, Pipe, Hex, 1/4 -NPT
	13	2	FP3276	Plug, Hollow Hex, SAE O-Ring, 9/16-18UNF
	14	1	FPN0558-SA	Check Valve Kit, 5/16 Ball
	14a	1	FPN0557	Seat, 5/16
	14b	1	FP0126	Ball, 5/16
	14c	1	FP2680	Poppet, Ball Retainer
	14d	1	FP0130	Spring
	14e	1	FPN0037	'O'-Ring, 1/8 * 11/16 ID * 15/16 OD, 2-209,
R3	15	3	FP0490	Valve, #8S, 2 Way, 2 Pos, NC Poppet, 12V DC, Single Wire
R3	15a	3	FP10907-D	Valve, #8S, 2 Way, 2 Pos, NC Poppet, Cartridge Only
R3	15c	3	FP10861-D	Coil, 12VDC
	16	1	FPN0343	Center Block Valve Cover
	18	1	FPN0393	Street Elbow, Extruded Brass, 1/8 NPT
	19	2	FPN0358	'O'-Ring, 3-1/4 ID * 3-7/16 OD * 3/32, -152, 90 Duro
	20	1	FPN0346	Reservoir Tube, 3-3/4 OD x 6-3/8 Lg
	21	2	FPN0306	'O'-Ring, 2 ID * 2-3/16 OD * 3/32, -136, 90 Duro
	22	1	FPN0304	Cylinder Tube, 2" OD x 6-3/8 Lg
	23	1	FP5575	Split Ring, Stop 1 1/2 Rod
	24	1	FPN0305	Cylinder Rod, 1-1/2" OD x 10" Lg
	25	1	FPN0356	Rod Seal, 1.5" PolyPack Type B

	26	1	FPN0355	Rod Wiper, U Wiper, 1.5"
	27	3	FP1316	Filter, Finger Screen
	28	8	FPN0546	Screw, Plated, #10-24UNC * 3/8"
	29	3	FP1970	Washer, Plated
	30	1	FP2355	Plug, Pipe, Flush, 1/8 NPT
	31	2	FP7669	Plug, Pipe, Flush, 1/16-27-NPTF
	32	1	FPN0547-SA	Cylinder Head Assembly (c/w wiper, seal and O-rings)
	33	3	FPN0360	Bolt, Hex Head, Grade 8, 3/8-16UNC * 7.5
	34	3	FPN0359	Seal Washer, 3/8
	35	1	FPN0307	Tube, Steel, 5/16 * 6.25 Lg, 1/16 NPTF 1 end
	36	1	FPN0556-SA	Manifold Ass'y (c/w PO check valve and x-over)
	36a	1	52793-m	Manifold Assembly c/w all valves
	*37	1	FPN0719	Plastic Cap
	38	2	FP7624	Screw, Spring Retainer, 9/16-18UNC
	39	1	FP3624	Check Valve Kit
	39a	1	FP2420	Seat, Poppet
	39b	1	FP0126	Ball, 5/16
	39c	1	FP2680	Poppet, Ball Retainer, Check
	39d	1	FP0130	Spring, Light, Check Valve
	39e	1	FP7732	Screw, spring retainer
	40	1	FP0061	Piston, Assembly, Pilot Check
	41	1	FP3274	Plug, SAE #8
	42	2	FP13023	Relief Valve, cross over
	42a	2	FP7899	Screw, S Set, Oval P, 3/8-16UNC * 1.25
	42b	2	FP0386	Nut, Sealing, 3/8-16UNC
	42c	2	FP0147	Spring
	42d	2	FP1288	Shim, Spacer
	42e	2	FP0379	Housing, Adj. Rel. Valve Ball Type
	42f	2	FP0012	Ball, 1/4"
	42g	2	FP0378	Seat, X-Over Rel, Ball Type
R3	43	1	FP10833-D	Valve, #8, 4 Way, 2 Pos, Spool, 12V DC, Single Lead
R3	43a	1	FP11111	Valve, #8, 4 way, 2 Pos, Spool, Cartridge only
	43b	1	FPN0407	Seal Kit, Cartridge Valve
R3	43c	1	FP18835-D	Coil, 10 VDC
	44	4	FPN0365	Screw, SHCS, 1/4-20UNC * 4.25
	45	1	FPN0339	Manifold Valve Cover, Front Mount Plow Unit
	46	1	FP1414	Fitting, Plastic Strain Relief, 1/2" cord
	47	1	FPN0456-SA	Harness, Valve Section End
	48	4	FPN0002	Connector, Panduit
	49	1	FPN0455-Sa	Control Station, Rocker Switch

R4	50	1	FP17757	Solenoid, 12 VDC, 3 Pole, Grounded Coil
	52	1	FPN0457-SA	Harness, Center Section
	53	1	FPN0478-SA	Control Box Assembly, Touchpad
	54	1	53282-M	New Handheld controller
	55	1	FP3414	Terminal, #10 Stud Tab
	56	1	52388-M	Joystick, Control Box Assembly
	57	1	53186-M	Small Joystick Assembly
	58	1	53330-A	Motor to Base Ground Wire

- R1: Cap FPN0719 is included with pump modular kit FPK12311-250 & it is not included with pump base assembly FPN0733-SA

- R2: FP18442 replaces FP8034

R3:

- FP0490-D was FP0490
- FP10907-D was FP0307 \*note: if Deltrol cartridge with 3/8 stem FP0307 is replaced with Deltrol cartridge with 1/2 stem FP10907-D, coil must also be replaced with FP10861-D
- FP10861-D was FP0496 \*note: If coil FP0496 is replaced with FP10861-D, Deltrol cartridge with 3/8" stem must also be replaced with Deltrol 1/2 stem FP10907-D
- FP7249-D was FP7249
- FP0679-D was FP0679 \*note: If Parker cartridge FP0679 is replaced with Deltrol cartridge FP0679-D, Parker coil must also be replaced w/ Deltrol coil FP18835-D
- FP18835-D replaces FP10977
- FP11111 replaces FPN0406 \*note: if Parker cartridge FPN0406 is replaced with Deltrol Cartridge FP11111, Parker coil FPN0408 must also be replaced with Deltrol coil FP18835-D
- FP10833-D replaces FPN0352
- R4: Fp17757 replaces FP7518