

# Series 50D & 50DS Dual Function Controller Assembly (1 or 2 Ports)

## Parts List

Item	Description	Material	Part Number	Quantity
	50D Dual Function Controller		600-221-01	
	50DS Dual Function Controller		600-222-01	
1	Cap	ABS	501-050-01	2
2	Adjusting Screw	Steel	201-025-01	2
3	Nut	Carbon Steel	033-001-01	2
4	Hex Head Screw	Stainless Steel	030-017-01	8
5	Spring Case Housing	Aluminum	600-074-01	2
6	Spring Case Label	Aluminum	600-254-01	2
	Over Pressure Label		600-255-01	
7	Bug Vent	Plastic	201-072-01	2
8	Spring Follower	Stainless Steel	201-020-01	2
9	Spring Set Point	Steel		2
9A	Plated 10 - 40 psi		040-011-01	
9B	Blue 40 - 90 psi		040-012-01	
9C	Purple 90-175 psi		040-008-01	
9D	Black 175-250 psi		040-009-01	
9E	White/Green 250-450 psi		040-020-01	
10	Cartridge Assembly	Aluminum		2
10A	Over Pressure Cartridge Assembly		600-241-01	
10B	Under Pressure Cartridge Assembly		600-242-01	
11	Vent Spring	Steel	040-080-01	1
12	Washer	Stainless Steel	034-044-01	1
13	Plug & Stem	Stainless Steel/ Nitrile	201-015-01	1
14	O-Ring	Nitrile	021-108-01	1
15	Vent Valve Seat	Stainless Steel	600-259-01	1
16	Controller Label	Aluminum	600-253-01	1
17	Controller Housing	Aluminum		1
	1 Sense Port (Standard)		600-226-01	
	2 Sense Ports (Optional)		600-227-01	
18	Pawl Lever Stud	Stainless Steel	600-099-01	1
19	O-Ring	Nitrile	021-008-01	2
20	Restrictor Pin	Stainless Steel	134-049-01	1
21	Pin	Acetal	600-256-01	1
22	Actuator Bolt	Stainless Steel	600-165-01	1
23	O-Ring	Nitrile	021-011-01	1
24	Diaphragm Support Plate	Stainless Steel	600-166-01	1
25	Actuator Diaphragm	Nitrile	600-162-01	1
26	Diaphragm Support Washer	Stainless Steel	600-167-01	1
27	Nut	Stainless Steel	032-001-01	2
28	Actuator Cap	Aluminum	600-163-01	1
29	Cap Screw	Carbon Steel	030-099-01	4
30	Controller Parts Kit (Items 13, 14, 19, 23, 25)		600-257-01	

Boxed items indicate recommended spare parts.

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