

Kit Part Number	Kit Description	Item Number	Part Number	Description	Comments
	Tilt and Rotate Assembly				
		1	197669	FITTING, 1/4"-1/8" UNION Q/DISC	
		2	381697	WASHER, #8 INTERNAL STAR	
		3	386953	TUBING, PU, BLK 1/8" OD .079" ID	
		4	387987	SCREW, M3 X 40, SOCK. HD. CAP, SS	
		5	388026	SCREW, M4 X 0.7, SOCKET CAP, X8	
		6	388056	WASHER, FLAT M5	
		7	388065	SCREW, M5 X 0.8, SOCKET, CAP, X 12	
		8	6140353	PIPE, NIPPLE, 1/4 NPT X 12 IN , SST, SCH-80	
		9	6140356	ROTARY COUPLING, STRAIGHT, 1/4" NPT, VITON	
		10	6226784	ROTARY COUPLING, ELBOW, 1/4" NPT, VITON	
		11	6140354	BUMPER, M4 X 10, DUR-70A, URETHANE, BLUE	
		12	6229309	CYL, ROTARY TABLE, DBL VANE, 90 DEG	
		13	6142396	CABLE, TILT & ROTATE SENSORS	
		14	6137009	PLATE, SOLENOID MNT, T&R SD-960	
		15	6139589	CABLE-P, SMC SOLENOID, .6M LONG	
		16	6140341	BLOCK, SHOCK ABS, MOUNT, T&R, 960	
		17	6140343	BLOCK, ROTATE STOP, T&R, 960	
		18	6140351	BLOCK, HOSE GUIDE, T&R, 960	
		19	6140352	TOP, HOSE GUIDE, T&R, 960	
		20	6140355	SCREW, M5 X 0.8 X 60MM, BUTTON, STL 10.8	
		21	6140357	BLOCK, ARM CONNECTING, T&R, 960	
		22	6140358	ASSY, STRAIGHT HOSE ROUT, TILT & ROTATE	
		23	6140359	VALVE, 5 PORT/2WAY AIR, 24V	
		24	6140366	MUFFLER, G 1/16, BSPP, COPPER	
		25	6140375	SENSOR, REED SWITCH, ROT CYL, LED, RIGHT, 3M	
		26	6140378	ASSY, VALVE BLOCK, T&R 960	
		27	6140379	ASSY, 5-PORT SOLENOID FOR T&R, 960	
		28	6145989	ELBOW, FLOW CTRL, METER OUT, 1/8 T, 1/8 BSPT	
		29	6226750	SENSOR, BAND CLAMP, 20MM, BM21-020	
		30	6226751	SENSOR BRACKET BJ3-1	
		31	6226871	ADAPTER 1/4" NPT - 7/16" JIC-4 MALE-MALE	
		32	6226872	ADAPTER 1/4" NPT - 1/2" JIC-5 MALE-MALE	
		33	6226873	ADAPTER 1/4" NPT - 3/4" JIC-8 MALE-MALE	
		34	6227342	COVER, PANEL DISPENSE, SD-960	
		35	6229318	OPT, TILT & ROTATE NO TOGGLE, 960	
		36	6229320	BASE, TILT & ROTATE NO TOGGLE, 960	
		37	6229322	BLOCK, VALVE, DUMMY TOGGLE, 960	
		38	6229329	BLOCK, MOUNT, DOVETAIL, BASE, T&R, 960	
		39	6229324	BRACKET, T&R, Z-POS, 960	
		40	6229327	BAR, ARM, T&R, 960	
		41	6229330	BAR, PISTON ROD, COUPLER, T&R, 960	
		42	6229346	POST, CABLE ROUTING, T&R, 960	
		43	6229347	BLOCK, CABLE ROUTING, T&R, 960	
		44	7257074	ASSY, DUPLEX BEARINGS, TILT	
		45	7292035	AUTO SWITCH D-A93L	
6143092	Counterbalance Kit				
		46	200444	SPRING, EXT .380 DX .035 WD X 5.0 LG	
		47	387980	SCREW, M3 X 0.5 SOCKET X 8	
		48	388055	NUT, HEX M5 X 0.8	
		49	6140303	MOUNT, EXTERNAL SPRING, LOW	
		50	6140304	MOUNT, EXTERNAL SPRING, UPPER	
		51	7245989	SCREW, M5 X .8 X 8 SHCS	
	245 No-Drip Valve Components				
		52	6140376	ASSY, 3-POS CYLINDER, W/FITTINGS	
		53	6136616	CABLE, 29 PIN BH TO 2 PIN SMC SOL	
		54	6137011	CABLE, GROUND WIRE 600MM	
		55	6137012	CABLE, GROUND WIRE 125MM	
		56	6139590	VALVE, 5 PORT/2WAY AIR, 24V, SMC	
		57	6140337	BRKT, 245 NO-DRIP T&R, SD-960	
		58	6140377	ASSY, DOVETAIL MNT, PNEU, T&R	
	DV-03HPA Valve Components				
		59	6140376	ASSY, 3-POS CYLINDER, W/FITTINGS	
		60	6136616	CABLE, 29 PIN BH TO 2 PIN SMC SOL	
		61	6137011	CABLE, GROUND WIRE 600MM	
		62	6137012	CABLE, GROUND WIRE 125MM	
		63	6139590	VALVE, 5 PORT/2WAY AIR, 24V, SMC	
		64	6140377	ASSY, DOVETAIL MNT, PNEU, T&R	
		65	6226765	BRACKET, DOVETAIL, DV03, T&R, SD960	
	Additional Hardware for SD-960				
SOLD AS COMPLETED ASSEMBLIES					

		66	6226019	BLOCK, HOSE ROUTING CLAMP	
		67	6226022	CLAMP, HOSE ROUTING	
		68	388103	SCREW, M6 X 1.0, SOCKET X 20, SS	
		69	900255	FLUID, TYPE K, PUMP CHAMBER, 1 QT	
		70	7428656	LUBRICANT, THRT SEAL	
6143092	KIT, COUNTERBALANCE, 940-960, 6KG	71			
6140335	KIT, DV-03HPA W T&R, SD-960	72			
6140336	KIT, 245 NO-DRIP W T&R, SD-960	73			