

THE 540EC SERIES VALVES ARE SOLENOID OPERATED FOR PRECISE GLUE PATTERNS AT HIGH MACHINE SPEEDS. THE RETAINING NUT ALLOWS FOR THE MOUNTING OF DIFFERENT SIZE NOZZLES. THE VALVE FEATURES A CERAMIC TIPPED PLUNGER ASSEMBLY AND NO DYNAMIC SEALS FOR LONG LIFE. THE 540EC CAN ALSO BE CONVERTED TO A 540BR FOR CONTACT APPLICATIONS. THE 540ECR VERSION OFFERS AN ADJUSTABLE STROKE FOR MORE FLEXIBLE PATTERN CONTROL

**APPLICATIONS**

SPECIALTY FOLDER GLUERS, CORRUGATED

**TECHNICAL DATA**

COIL RESISTANCE - 5.3 OHMS  
 VALVE WIDTH - 25mm (.984in)  
 VALVE HEIGHT (ECR) - 127.33mm (5.013in)  
 VALVE HEIGHT (BRT) - 115.07mm (4.530in)  
 MAX FLUID PRESURE - 400psi  
 VISCOSITY RANGE - 300 - 2500 cps  
 HOLD VOLTAGE - 6 VDC

**VALVE ASSEMBLIES**

540ECT VALVE (VITON) - 707XX466  
 540ECR VALVE (VITON) - 707XX469  
 540ECT VALVE (EP) - 707XX650  
 540ECR VALVE (EP) - 707XX652

**BRACKET**

540 EC SERIES VALVE BRACKET - 579XX421

**MAINTENANCE KITS**

MAINTENANCE KIT (VITON) - 707XX447  
 MAINTENANCE KIT (EP) - 707XX631

**MAINTENANCE KITS INCLUDE:**

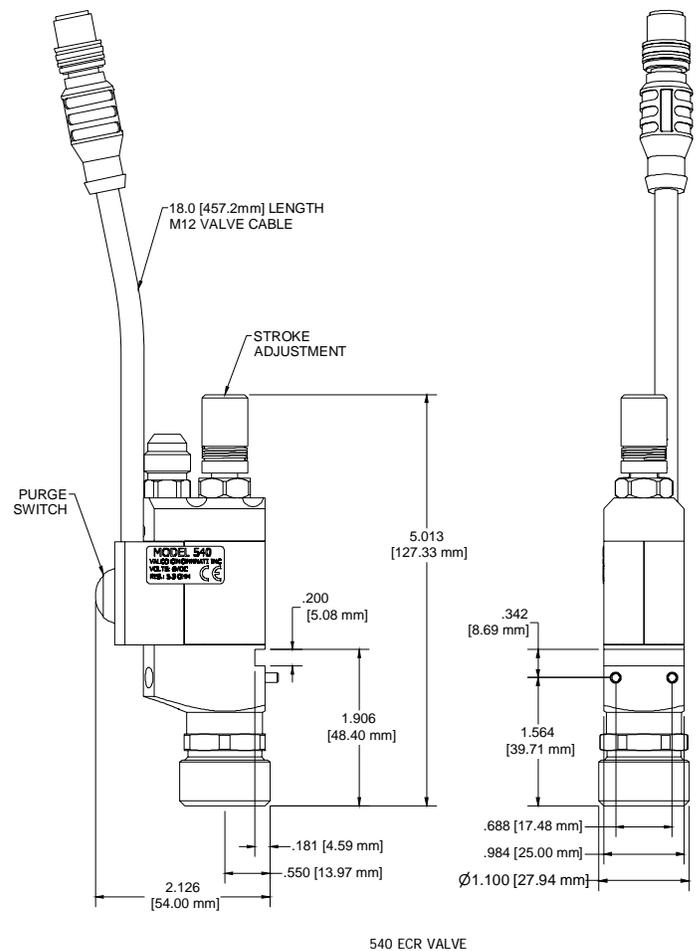
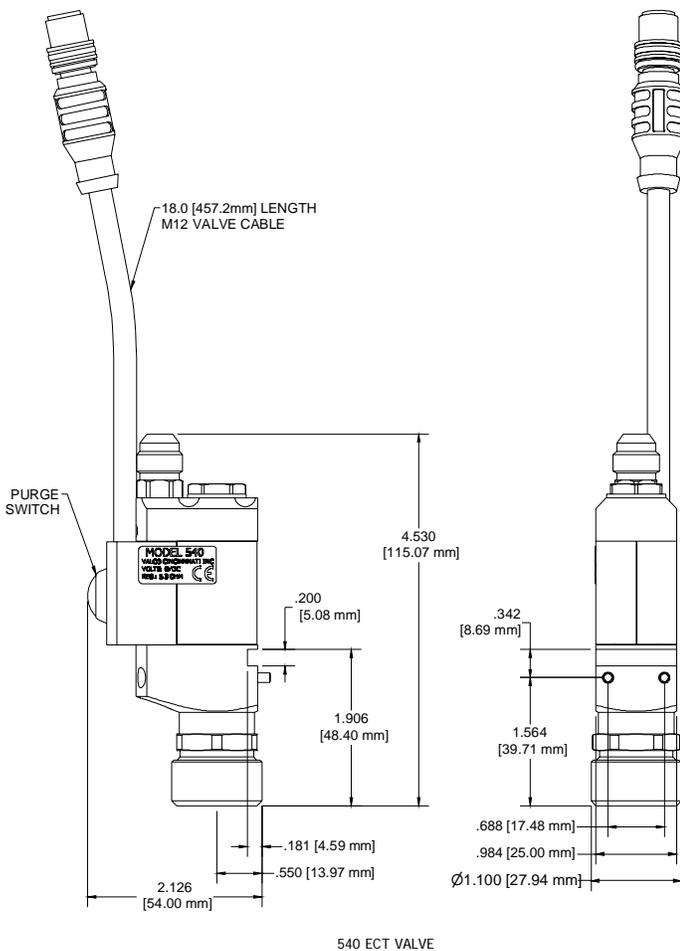
- LITHIUM GREASE
- FLUSHING ADAPTER
- NOZZLE CLEANING DRILLS
- CLEANING BRUSH
- PLUNGER ASSEMBLY
- SEAT ASSEMBLY
- O-RINGS
- SPRING

**REPAIR KITS**

REPAIR KIT (VITON) - 712XX012  
 REPAIR KIT (EP) - 712XX013

**REPAIR KITS INCLUDE:**

- O-RINGS
- SPRING
- MOUNTING SCREWS



**540 ECR/ECT Valve**

NOZZLE - MULTI-ORIFICE

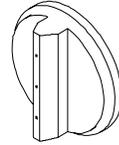
707XX881	NOZZLE, NON-CONTACT, TWO .016 IN (0.4mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX882	NOZZLE, NON-CONTACT, TWO .020 IN (0.5mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX883	NOZZLE, NON-CONTACT, TWO .024 IN (0.6mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX884	NOZZLE, NON-CONTACT, TWO .031 IN (0.8mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX885	NOZZLE, NON-CONTACT, THREE .016 IN (0.4mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX886	NOZZLE, NON-CONTACT, THREE .020 IN (0.5mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX887	NOZZLE, NON-CONTACT, THREE .024 IN (0.6mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX888	NOZZLE, NON-CONTACT, THREE .031 IN (0.8mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX889	NOZZLE, NON-CONTACT, FOUR .020 IN (0.5mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX890	NOZZLE, NON-CONTACT, FOUR .024 IN (0.6mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX891	NOZZLE, NON-CONTACT, FOUR .031 IN (0.8mm) VEINS ON 1/4 IN (6.5mm) CENTERS
707XX892	NOZZLE, NON-CONTACT, FIVE .024 IN (0.6mm) VEINS ON 1/8 IN (3.2mm) CENTERS
707XX893	NOZZLE, NON-CONTACT, SEVEN .024 IN (0.6mm) VEINS ON 1/8 IN (3.2mm) CENTERS
712XX007	NOZZLE, CONTACT, TWO .039 IN (1.0mm) VEINS ON 1/4 IN (6.5mm) CENTERS
712XX008	NOZZLE, CONTACT, THREE .039 IN (1.0mm) VEINS ON 1/4 IN (6.5mm) CENTERS
712XX009	NOZZLE, CONTACT, FOUR .039 IN (1.0mm) VEINS ON 0.236 IN (6.0mm) CENTERS

NOZZLE - SINGLE-ORIFICE

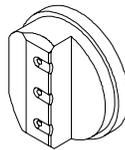
707XX489	NOZZLE, NON-CONTACT, .012 IN (0.3mm) VEIN
707XX488	NOZZLE, NON-CONTACT, .016 IN (0.4mm) VEIN
707XX487	NOZZLE, NON-CONTACT, .020 IN (0.5mm) VEIN
707XX486	NOZZLE, NON-CONTACT, .024 IN (0.6mm) VEIN
707XX485	NOZZLE, NON-CONTACT, .028 IN (0.7mm) VEIN
712XX006	NOZZLE, CONTACT, .039 IN (1.0mm) VEIN

540 ECR/ECT

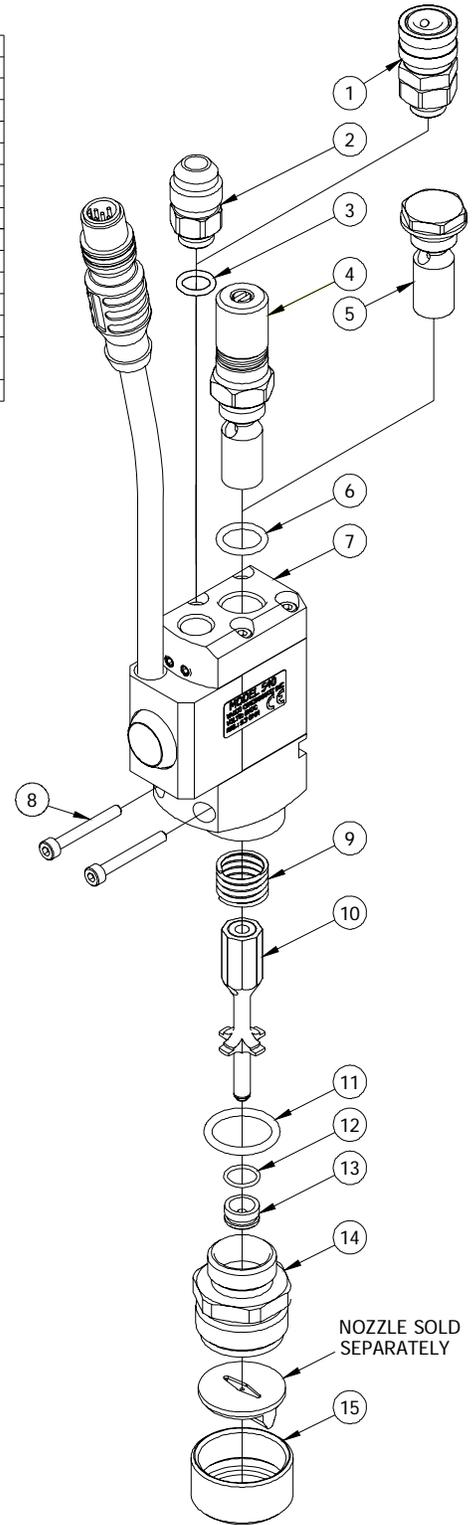
		VITON	EP
1	FITTING - SWIVEL	799XX658	707XX607
2	JIC CONNECTOR	707XX504	707XX615
3	O-RING (INCLUDED W/ ITEMS 1 & 2)	745XX339	746XX119
4	ADJUSTABLE BACKSTOP	707XX472	707XX608
5	NON-ADJUSTABLE BACKSTOP	712XX014	712XX015
6	O-RING (INCLUDED W/ ITEMS 4 & 5)	745XX340	746XX089
7	VALVE SUB ASSEMBLY	707XX477	707XX477
8	SHCS M3 X 25 SS	798XX049	798XX049
9	SPRING	783XX042	783XX042
10	PLUNGER ASSEMBLY	707XX482	707XX482
11	O-RING (INCLUDED W/ ITEM 14)	745XX007	746XX170
12	O-RING (INCLUDED W/ ITEM 14)	746XX069	746XX069
13	SEAT ASSEMBLY	707XX462	707XX462
14	ADAPTER ASSEMBLY (INCLUDES ITEMS 11, 12, 13 & 15)	707XX461	707XX612
15	RETAINING NUT	707XX445	707XX445



540 ECR/ECT NON-CONTACT NOZZLE



540 ECR/ECT CONTACT NOZZLE



NOZZLE SOLD SEPARATELY