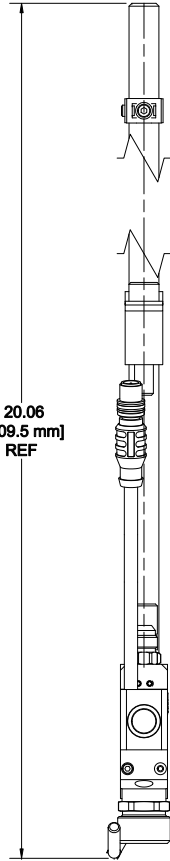
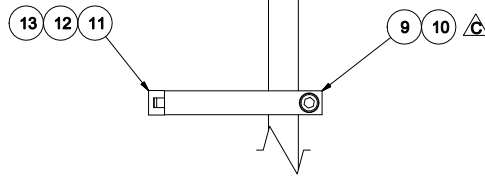


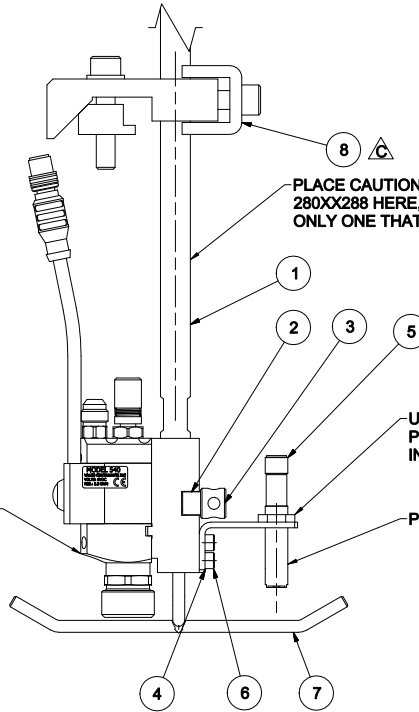
20.06
[509.5 mm]
REF



PLACE ITEM #13 IN BAG
AND ATTACH TO ASSEMBLY



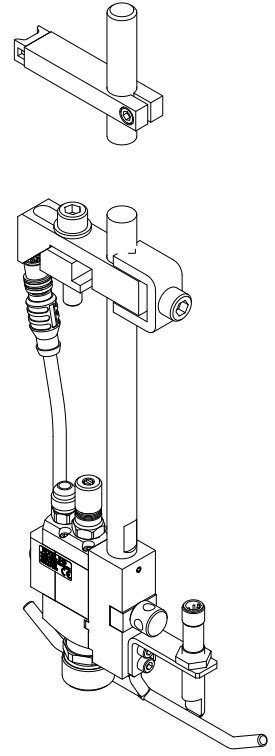
540 ECR VALVE
SOLD SEPARATELY



PLACE CAUTION LABEL FROM
280XX288 HERE, CAUTION LABEL IS
ONLY ONE THAT NEEDS TO BE APPLIED

USE NUT THAT COMES WITH 280XX288
PLACE CABLE THAT COMES WITH SENSOR
IN BAG AND ATTACH TO ASSEMBLY

POSITION SENSOR AS SHOWN



BRACKET ASSEMBLY	
PART NUMBER	DESCRIPTION
579XX421	BRACKET W/ SCANNER (INCLUDES ITEMS 4, 5 & 6)
579XX743	BRACKET W/O SCANNER (DOES NOT INCLUDE ITEMS 4, 5, & 6)

Parts List			
ITEM	PART NUMBER	QTY	DESCRIPTION
1	579XX420	1	VALVE MOUNTING ASSEMBLY
2	579XX424	1	CLAMPING BLOCK
3	783XX230	1	SCREW TOGGLE, M8 X 24
4	582XX815	1	SCANNER BRACKET
5	280XX288	1	SCANNER, LASER, BARREL
6	784XX125	2	SHCS M5 X 12mm SS
7	579XX520	1	GUIDE FOOT
8	579XX226	1	UNIVERSAL BAR CLAMP
9	579XX312	1	SUPPORT BRACKET
10	798XX272	1	SHCS M6 X 16mm LG
11	067XX164	1	WIRE TIE HOLDER
12	784XX423	1	SHCS M4 X 10mm LG
13	067XX005	1	WIRE TIE
14	730XX024	1	BOX
15	730XX085	1	RETENTION PACKAGING

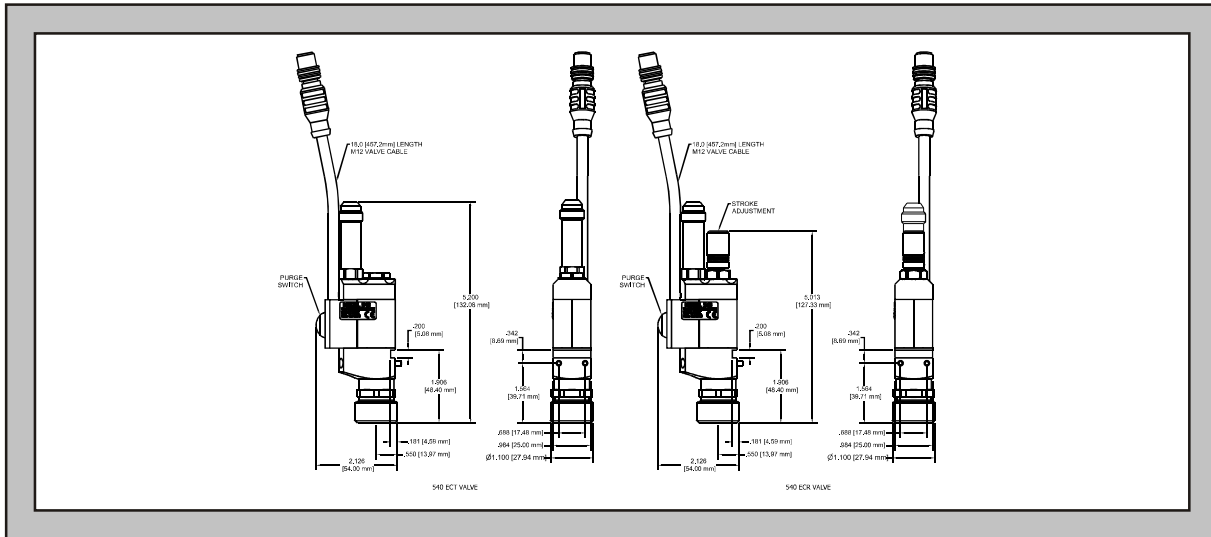
NOTES:
1. PACKAGE USING ITEMS #14 & #15

USED ON:	THREAD LENGTH DIMENSIONS AND FULL THROUGH HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.	
MTL: SEE P/L		TOLERANCES - EXCEPT AS NOTED		TITLE VALVE BRACKET MULTI ORIFICE	
FINISH:		MACHINED SURFACES	125	ANGULAR	± 1/2 DEG.
REV.: A	ADDED ITEMS 15JUL08 PDM #9 - #13 08APR10 CWS	INCHES		MILLIMETERS	
B	MOVED ITEM 8 UNDER ITEM 9, 10 FOR 579XX743	DECIMAL	± .030	DECIMAL	± .78
C	ADDED CHART 18DEC16 ELM 18DEC16 BAW	DECIMAL	± .010	DECIMAL	± .25
D	ADDED ITEMS 14 & 15	DECIMAL	± .005	DECIMAL	± .13
		DRAWN BY	BAW	DATE	8/27/07
		CHECKED		SCALE	1=2
		APPROVED	BAW	SHEET	1 OF 1
				DRAWING NUMBER	579XX421-01
				SUPERSEDED BY	BAW1455



540BR & 540EC CONTACT/NON-CONTACT VALVES

540ECR/ECT Valves



The 540ECR/ECT series valves are solenoid operated for precise glue patterns at high machine speeds. The valve features a carbide 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.

NOTE: Viton is standard seal material. EP seals are available as an option for adhesive formulas that react with the Viton (causing them to swell).

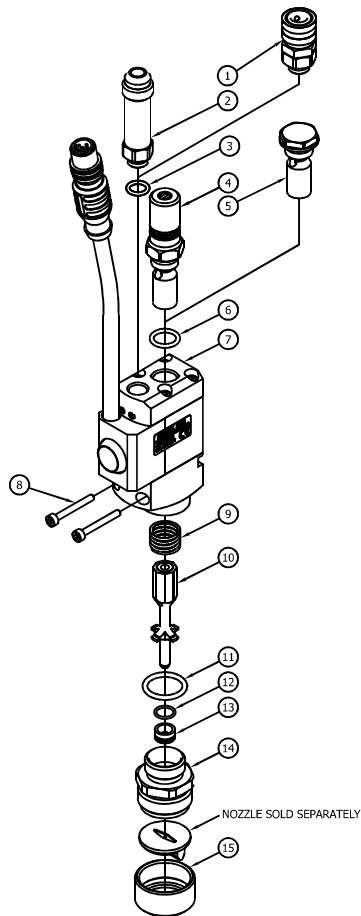
540ECR/ECT Non-Contact Glue Valves

	STD VITON	EP SEALS	DESCRIPTION TITLE
 <p>707xx469 shown with 579xx421 mounting bracket, 280xx288 scanner and non-contact nozzle</p>	707xx466	707xx650	540 ECT valve, non-adjustable stroke
	707xx469	707xx652	540 ECR valve, adjustable stroke
	707xx447	707xx631	Maintenance Kit 540EC/BR. Maintenance kit includes lithium grease, flushing adapter nozzle cleaning drills, cleaning brush, o'rings and valve spring.



540BR & 540EC CONTACT/NON-CONTACT VALVES

540ECR/ECT Components

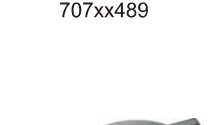








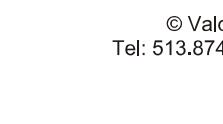



ITEM	STD VITON	EP SEALS	DESCRIPTION
1	799xx658	707xx607	Fitting Female Swivel
2	707xx504	707xx615	JIC Coupler
3	745xx339	746xx119	O-ring, included w/items 1, 2
4	707xx472	707xx608	Back Stop Assembly Adjustable
5	712xx014	712xx015	Back stop assembly, non-adjustable
6	745xx340	746xx089	O-ring, included w/items 4, 5
7	707xx477	707xx477	Valve Sub Assembly
8	798xx049	798xx049	Socket Head Cap Screw
9	783xx042	783xx042	Spring
10	707xx482	707xx482	Plunger 4mm Ball
11	745xx007	746xx170	O'ring, included w/item 14
12	746xx069	746xx069	O'ring, included w/item 14
13	707xx462	707xx462	Seat Assembly
14	707xx461	707xx612	Nozzle Adapter Assembly. Includes Items 11, 12, 13 & 15
15	707xx445	707xx445	Retaining Nut
Repair kits, include O-rings, spring and mounting screws			
	712xx012	712xx013	Repair kit, includes O-rings, spring and mounting screws



**540BR & 540EC
CONTACT/NON-CONTACT VALVES**

540EC Valve - Nozzle Options


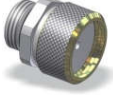
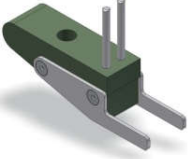

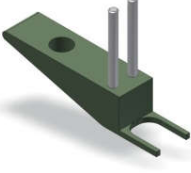
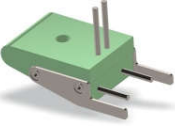
540EC Valve - Nozzle Options	
PN	DESCRIPTION TITLE
Single Vein Non-Contact Nozzles	
 707xx489	Nozzle, 0.012 (.3mm)
 707xx488	Nozzle, 0.016 (.4mm)
 707xx487	Nozzle, 0.020 (.5mm)
 707xx486	Nozzle, 0.024 (.6mm)
 707xx485	Nozzle, 0.028 (.7mm)
Multi-Vein Non-Contact Nozzles	
 707xx881	Nozzle, 2 vein .015(0.4mm), .250 spacing
 707xx882	Nozzle, 2 vein .020(0.5mm), .250 spacing
 707xx883	Nozzle, 2 vein .024(0.6mm), .250 spacing
 707xx884	Nozzle, 2 vein .031(0.8mm), .250 spacing
 707xx885	Nozzle, 3 vein .015(0.4mm), .250 spacing
 707xx886	Nozzle, 3 vein .020(0.5mm), .250 spacing
 707xx887	Nozzle, 3 vein .024(0.6mm), .250 spacing
 707xx888	Nozzle, 3 vein .031(0.8mm), .250 spacing
 707xx889	Nozzle, 4 vein .020(0.5mm), .250 spacing
 707xx890	Nozzle, 4 vein .024(0.6mm), .250 spacing
 707xx891	Nozzle, 4 vein .031(0.8mm), .250 spacing
 707xx892	Nozzle, 5 Vein 0.6mm diameter 0.125 centers
 707xx893	Nozzle, 7 Vein 0.6mm diameter 0.125 centers
 707xx449	Old-style nozzle replacement nozzle insert - Bulletin116
Contact Nozzles	
 707xx498	Contact nozzle assy, 0.39 (1mm), single vein
 707xx497	Contact nozzle assy, 0.39 (1mm), 0.25(6.35mm) centers two vein
 707xx496	Contact nozzle assy, 0.39 (1mm) 0.25 (6.35mm) centers three vein
 707xx495	Contact nozzle assy, 0.39 (1mm) 0.236 (6mm) centers 4 vein



540BR & 540EC

CONTACT/NON-CONTACT VALVES

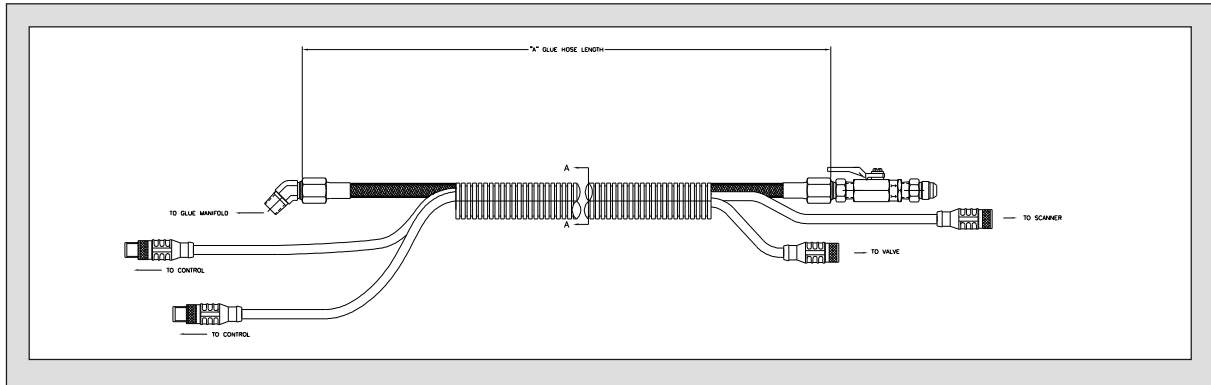
Non-Contact / Contact Conversion Kits

Conversion Kits Contact/Non-Contact 540 Valve		PN	DESCRIPTION
 <p>579xx520</p>  <p>707xx461</p>	707xx299	Conversion kit, contact to non-contact 540 valve, includes 707xx461 Nozzle adapter assembly 579xx520 Guide foot assembly	
 <p>707xx429</p>  <p>707xx459</p>	707xx297	Conversion kit, non-contact to contact 540 valve, includes 707xx459 Applicator head adapter assembly 579xx429 Guide foot assembly	
 <p>707xx422</p>	707xx298	Conversion kit, J&L specific, contact to non-contact 540 valve, includes 707xx461 Nozzle adapter assembly 579xx422 Guide foot assembly	
 <p>579xx828</p>	579xx878	Guide foot assembly, for use with applicator heads wider than 5-vein	



524EZR/EZT SERIES NON-CONTACT VALVES

Old-Style HACK Assembly Options



NOTE: See SPECIALTY FOLDER GLUER SALES GUIDE for complete system details using the 540BR and 540EC valves.

- HACK assemblies are available with stainless-steel or Nylon tubing. Selected according to valve.
- Nylon - low pressure (up to 280 psi)
- Stainless steel - high pressure (0-1000psi)

HACK assemblies are listed here as a reference as to what may have been provided for older systems. Any new systems should be quoted/supplied with valve and hack listed as a complete assembly as listed with the 524 valve shown on following pages.

Old-Style HACK Hose and Cable Kits - 3/8 Stainless-Steel	
PN	DESCRIPTION
738xx652	Hack assembly, stainless-steel, 1.5m
738xx653	Hack assembly, stainless-steel, 3.0m
738xx654	Hack assembly, stainless-steel, 5.0m

Old-Style HACK Hose and Cable Kits - 3/8 Nylon	
PN	DESCRIPTION
739xx107	Hack assembly, Nylon, 1.5m
739xx108	Hack assembly, Nylon, 3.0m
739xx109	Hack assembly, Nylon, 5.0m