

VC ELEMENT PARTS LISTS

PARTS LISTS

Single Narrow Element Assemblies

	Element Description	# of Air Inlets	Part No. of Complete Element	ITEM															
				1 Rim	2 Tube	3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring
				Part No. 1 Req'd	Part No. 1 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd
11.5 VC 500	Minus Side Connection	1 or 2	142639HA	403089	403090	-	-	-	-	-	-	-	-	-	-	414576 8 Req'd	412123	201372 8 Req'd	201373 8 Req'd
	Side Connection	1	142639HJ			131 X 11	1	-	-	131 X 20	1	412178-02	1	412324-01	1				
	Side Connection	2	142639HP				2				2		2		2				
14 VC 500	Minus Side Connection	1, 2, or 4	143829HA	406273	406274	-	-	-	-	-	-	-	-	-	-	414513 8 Req'd	412124	307533 8 Req'd	307354 8 Req'd
	Side Connection	1	143829HJ			92 X 6	1	-	-	87 X 12	1	412178-03	1	412324-02	1				
	Quick Release Valve	1	143829HM			-	-	145406DF	1	72 X 31									
	Side Connection	2	143829HP			92 X 6	2	-	-	87 X 12	2	412178-03	2	412324-02	2				
	Quick Release Valve	2	143829HN			-	-	145406DF	2	72 X 31									
	Side Connection	4	143829HC			92 X 6	4	-	-	87 X 12	4	412178-03	4	412324-02	4				
Quick Release Valve	4	143829HE	-	-	145406DF	4	72 X 31												
16 VC 500	Minus Side Connection	1, 2, or 4	142640HA	402703	402704	-	-	-	-	-	-	-	-	-	-	414580 8 Req'd	412125	201301 8 Req'd	301352 8 Req'd
	Side Connection	1	142640HJ			92 X 6	1	-	-	87 X 12	1	412178-03	1	412324-02	1				
	Quick Release Valve	1	142640HM			-	-	145406DF	1	72 X 31									
	Side Connection	2	142640HP			92 X 6	2	-	-	87 X 12	2	412178-03	2	412324-02	2				
	Quick Release Valve	2	142640HN			-	-	145406DF	2	72 X 31									
	Side Connection	4	142640HC			92 X 6	4	-	-	87 X 12	4	412178-03	4	412324-02	4				
Quick Release Valve	4	142649HE	-	-	145406DF	4	72 X 31												
20 VC 600	Minus Side Connection	1, 2, or 4	142641HA	402732	402733	-	-	-	-	-	-	-	-	-	-	307359 10 Req'd	412126	201301 10 Req'd	301352 10 Req'd
	Side Connection	1	142641HJ			92 X 6	1	-	-	87 X 12	1	412178-03	1	412324-02	1				
	Quick Release Valve	1	142641HM			-	-	145406DF	1	72 X 31									
	Side Connection	2	142641HP			92 X 6	2	-	-	87 X 12	2	412178-03	2	412324-02	2				
	Quick Release Valve	2	142641HN			-	-	145406DF	2	72 X 31									
	Side Connection	4	142641HC			92 X 6	4	-	-	87 X 12	4	412178-03	4	412324-02	4				
Quick Release Valve	4	142641HE	-	-	145406DF	4	72 X 31												

				ITEM																							
	Element Description	# of Air Inlets	Part No. of Complete Element	1 Rim	2 Tube	3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring								
				Part No. 1 Req'd	Part No. 1 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd	Part No.	Part No.								
24 VC 650	Minus Side Connection	1, 2, or 4	142642HA	402803	402804	-	-	-	-	-	-	-	-	-	-	414582 12 Req'd	412127	201285 12 Req'd	301352 12 Req'd								
	Side Connection	1	142642HJ			92 X 7	1	-	-	87 X 14	1	412178-05	1	412324-03	1												
	Quick Release Valve	1	142642HM			-	-	145407DF	1	72 X 32																	
	Side Connection	2	142642HP			92 X 7	2	-	-	87 X 14	2									2	4	4	2				
	Quick Release Valve	2	142642HN			-	-	145407DF	2	72 X 32																	
	Side Connection	4	142642HC			92 X 7	4	-	-	87 X 14	4													4	4	4	4
	Quick Release Valve	4	142642HE			-	-	145407DF	4	72 X 32																	
28 VC 650	Minus Side Connection	1, 2, or 4	142643HA	402694	402693	-	-	-	-	-	-					-	-	-	414584 14 Req'd								
	Side Connection	1	142643HJ			92 X 7	1	-	-	87 X 14	1	412178-05	1	412324-03	1												
	Quick Release Valve	1	142643HM			-	-	145407DF	1	72 X 32																	
	Side Connection	2	142643HP			92 X 7	2	-	-	87 X 14	2					2	4	4		2							
	Quick Release Valve	2	142643HN			-	-	145407DF	2	72 X 32																	
	Side Connection	4	142643HC			92 X 7	4	-	-	87 X 14	4										4	4	4	4			
	Quick Release Valve	4	142643HE			-	-	145407DF	4	72 X 32																	
33 VC 650	Minus Side Connection	1, 2, or 4	142644HA	402821	402822	-	-	-	-	-	-								-						-	-	414586 16 Req'd
	Side Connection	1	142644HJ			92 X 8	1	-	-	87 X 16	1	412178-06	1	412324-04	1												
	Quick Release Valve	1	142644HM			-	-	145141DE	1	72 X 33																	
	Side Connection	2	142644HP			92 X 8	2	-	-	87 X 16	2					2	4	4	2								
	Quick Release Valve	2	142644HN			-	-	145141DE	2	72 X 33																	
	Side Connection	4	142644HC			92 X 8	4	-	-	87 X 16	4									4	4	4	4				
	Quick Release Valve	4	142644HE			-	-	145141DE	4	72 X 33																	

				ITEM															
	Element Description	# of Air Inlets	Part No. of Complete Element	1 Rim	2 Tube	3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring
				Part No. 1 Req'd	Part No. 1 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd
37 VC 650	Minus Side Connection	1, 2, or 4	142645HA	402671	402670	-	-	-	-	-	-	-	-	-	-	414586 18 Req'd	412130	201283 18 Req'd	301333 18 Req'd
	Side Connection	1	142645HJ			92 X 8	1	-	-	87 X 16	1	412178-06	1	412324-04	1				
	Quick Release Valve	1	142645HM			-	-	145141DE	1	72 X 33									
	Side Connection	2	142645HP			92 X 8	2	-	-	87 X 16	2	412178-06	2	412324-04	2				
	Quick Release Valve	2	142645HN			-	-	145141DE	2	72 X 33									
	Side Connection	4	142645HC			92 X 8	4	-	-	87 X 16	4	412178-06	4	412324-04	4				
	Quick Release Valve	4	142645HE			-	-	145141DE	4	72 X 33									
42 VC 650	Minus Side Connection	1, 2, or 4	142647HA	402829	402830	-	-	-	-	-	-	-	-	-	414590 20 Req'd	412131	201283 20 Req'd	301333 20 Req'd	
	Side Connection	1	142647HJ			92 X 8	1	-	-	87 X 16	1	412178-06	1	412324-04					1
	Quick Release Valve	1	142647HM			-	-	145141DE	1	72 X 33									
	Side Connection	2	142647HP			92 X 8	2	-	-	87 X 16	2	412178-06	2	412324-04					2
	Quick Release Valve	2	142647HN			-	-	145141DE	2	72 X 33									
	Side Connection	4	142647HC			92 X 8	4	-	-	87 X 16	4	412178-06	4	412324-04					4
	Quick Release Valve	4	142647HE			-	-	145141DE	4	72 X 33									

Dual Narrow Element Assemblies

		ITEM			
		Complete Dual Element	Single Elements*	8 Air Tube Group	9 Spacer Group
11.5 VC 500	Element with two Side Connections	142112	142639HA 2 Req'd	105808	105898
	Elements with four Side Connections	142112C		105808A	
14 VC 500	Element with two Side Connections	143114	143829HA 2 Req'd	105809	105899
	Elements with two Quick Release Values	143114E		105809B	
	Element with four Side Connections	143114C		105809A	
	Elements with four Quick Release Values	143114D		105809C	
16 VC 600	Element with two Side Connections	142115	142640HA 2 Req'd	105810	105900
	Elements with two Quick Release Values	142115E		105810B	
	Element with four Side Connections	142115C		105810A	
	Elements with four Quick Release Values	142115D		105810C	
20 VC 600	Element with two Side Connections	142116	142641HA 2 Req'd	105810	105900
	Elements with two Quick Release Values	142116E		105810B	
	Element with four Side Connections	142116C		105810A	
	Elements with four Quick Release Values	142116D		105810C	
24 VC 650	Element with two Side Connections	142117	142642HA 2 Req'd	105811	105901
	Elements with two Quick Release Values	142117E		105811B	
	Element with four Side Connections	142117C		105811A	
	Elements with four Quick Release Values	142117D		105811C	
28 VC 650	Element with two Side Connections	142118	142643HA 2 Req'd	105811	105901
	Elements with two Quick Release Values	142118E		105811B	
	Element with four Side Connections	142118C		105811A	
	Elements with four Quick Release Values	142118D		105811C	
33 VC 650	Element with two Side Connections	142119	142644HA 2 Req'd	105812	105902
	Elements with two Quick Release Values	142119E		105812B	
	Element with four Side Connections	142119C		105812A	
	Elements with four Quick Release Values	142119D		105812C	
37 VC 650	Element with two Side Connections	142120	142645HA 2 Req'd	105812	105903
	Elements with two Quick Release Values	142120E		105812B	
	Element with four Side Connections	142120C		105812A	
	Elements with four Quick Release Values	142120D		105812C	
42 VC 650	Element with two Side Connections	142121	142647HA 2 Req'd	105812	105904
	Elements with two Quick Release Values	142121E		105812B	
	Element with four Side Connections	142121C		105812A	
	Elements with four Quick Release Values	142121D		105812C	

* The second column under "ITEM" lists the part numbers of the two single elements that make up the dual mounted element assembly. To find part numbers of components, locate the element number in the parts list for single element application. Find the part numbers in the corresponding item column.

Single Wide Element Assemblies

				ITEM															
	Element Description	# of Air Inlets	Part No. of Complete Element	1 Rim	2 Tube	3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring
				Part No. 1 Req'd	Tube 1 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd	Part No.	Part No.
14 VC 1000	Minus Side Connection	1, 2, or 4	142838HA	409141-01	406978	-	-	-	-	-	-	-	-	-	-	414592 8 Req'd	412124	303567 8 Req'd	303150 8 Req'd
	Side Connection	1	142838HJ			92 X 6	1	-	-	87 X 12	1	412178-03	1	412324-02	1				
	Side Connection	2	142838HP				2	-	-	87 X 12	2		2		2				
16 VC 1000	Minus Side Connection	1, 2, or 4	142821HA	405950-01	405954	-	-	-	-	-	-	-	-	-	414594 8 Req'd	412156	301831 8 Req'd	301832 8 Req'd	
	Side Connection	1	142821HJ			92 X 6	1	-	-	87 X 12	1	412178-03	1	412324-02					1
	Quick Release Valve	1	142821HM			-	-	145406DF	1	72 X 31			2						2
	Side Connection	2	142821HP			92 X 6	2	-	-	87 X 12	2	412178-03	2	412324-02					2
	Quick Release Valve	2	142821HN			-	-	145406DF	2	72 X 31			4						4
	Side Connection	4	142821HC			92 X 6	4	-	-	87 X 12	4	412178-03	4	412324-02					4
Quick Release Valve	4	142821HE	-	-	145406DF	4	72 X 31	4	4	4									
20 VC 1000	Minus Side Connection	1, 2, or 4	142832HA	503302-01	406544	-	-	-	-	-	-	-	-	-	414596 8 Req'd	412157	301831 8 Req'd	301832 8 Req'd	
	Side Connection	1	142832HJ			92 X 6	1	-	-	87 X 12	1	412178-03	1	412324-02					1
	Quick Release Valve	1	142832HM			-	-	145406DF	1	72 X 31			2						2
	Side Connection	2	142832HP			92 X 6	2	-	-	87 X 12	2	412178-03	2	412324-02					2
	Quick Release Valve	2	142832HN			-	-	145406DF	2	72 X 31			4						4
	Side Connection	4	142832HC			92 X 6	4	-	-	87 X 12	4	412178-03	4	412324-02					4
Quick Release Valve	4	142832HE	-	-	145406DF	4	72 X 31	4	4	4									
24 VC 1000	Minus Side Connection	1, 2, or 4	142675HA	404668-01	404675	-	-	-	-	-	-	-	-	-	414598 10 Req'd	412158	301831 10 Req'd	301832 10 Req'd	
	Side Connection	1	142675HJ			92 X 7	1	-	-	87 X 14	1	412178-05	1	412324-03					1
	Quick Release Valve	1	142675HM			-	-	145407DF	1	72 X 32			2						2
	Side Connection	2	142675HP			92 X 7	2	-	-	87 X 14	2	412178-05	2	412324-03					2
	Quick Release Valve	2	142675HN			-	-	145407DF	2	72 X 32			4						4
	Side Connection	4	142675HC			92 X 7	4	-	-	87 X 14	4	412178-05	4	412324-03					4
Quick Release Valve	4	142675HE	-	-	145407DF	4	72 X 32	4	4	4									

				ITEM																
	Element Description	# of Air Inlets	Part No. of Complete Element	1 Rim	2 Tube		3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring
				Part No. 1 Req'd	Part No. 1 Req'd	Snap Ring 4 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd
28 VC 1000	Minus Side Connection	1, 2, or 4	142674HA	405503-01	403745	-	-	-	-	-	-	-	-	-	-	-	414600 10 Req'd	412159	301831 10 Req'd	301832 10 Req'd
	Side Connection	1	142674HJ				92 X 7	1	-	-	87 X 14	1	412178-05	1	412324-03	1				
	Quick Release Valve	1	142674HM				-	-	145407DF	1	72 X 32									
	Side Connection	2	142674HP				92 X 7	2	-	-	87 X 14	2		2		2				
	Quick Release Valve	2	142674HN				-	-	145407DF	2	72 X 32									
	Side Connection	4	142674HC				92 X 7	4	-	-	87 X 14	4		4		4				
Quick Release Valve	4	142674HE	-	-	145407DF	4	72 X 32													
32 VC 1000	Minus Side Connection	1, 2, or 4	142673HA	402330-01	402327	-	-	-	-	-	-	-	-	-	-	414602 12 Req'd	412160	301839 12 Req'd	301718 12 Req'd	
	Side Connection	1	142673HJ				92 X 7	1	-	-	87 X 14	1	412178-05	1	412324-03					1
	Quick Release Valve	1	142673HM				-	-	145407DF	1	72 X 32									
	Side Connection	2	142673HP				92 X 7	2	-	-	87 X 14	2		2						2
	Quick Release Valve	2	142673HN				-	-	145407DF	2	72 X 32									
	Side Connection	4	142673HC				92 X 7	4	-	-	87 X 14	4		4						4
Quick Release Valve	4	142673HE	-	-	145407DF	4	72 X 32													
38 VC 1200	Minus Side Connection	1, 2, or 4	142739HA	404503-01	404504	190 X 3	-	-	-	-	-	-	-	-	-	511640 12 Req'd	412161	302115 12 Req'd	301908 12 Req'd	
	Side Connection	1	142739HJ				92 X 8	1	-	-	87 X 16	1	412178-06	1	412324-04					1
	Quick Release Valve	1	142739HM				-	-	145141DE	1	72 X 33									
	Side Connection	2	142739HP				92 X 8	2	-	-	87 X 16	2		2						2
	Quick Release Valve	2	142739HN				-	-	145141DE	2	72 X 33									
	Side Connection	4	142739HC				92 X 8	4	-	-	87 X 16	4		4						4
Quick Release Valve	4	142739HE	-	-	145141DE	4	72 X 33													

				ITEM																
	Element Description	# of Air Inlets	Part No. of Complete Element	1 Rim	2 Tube		3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring
				Part No. 1 Req'd	Part No. 1 Req'd	Snap Ring 4 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd
42 VC 1200	Minus Side Connection	1, 2, or 4	142677HA	403800-01	404504	190 X 3	-	-	-	-	-	-	-	-	-	-	511642 14 Req'd	412162	302115 14 Req'd	301908 14 Req'd
	Side Connection	1	142677HJ				92 X 8	1	-	-	87 X 16	1	412178-06	1	412324-04	1				
	Quick Release Valve	1	142677HM				-	-	145141DE	1	72 X 33									
	Side Connection	2	142677HP				92 X 8	2	-	-	87 X 16	2		2		2				
	Quick Release Valve	2	142677HN				-	-	145141DE	2	72 X 33									
	Side Connection	4	142677HC				92 X 8	4	-	-	87 X 16	4		4		4				
Quick Release Valve	4	142677HE	-	-	145141DE	4	72 X 33													
46 VC 1200	Minus Side Connection	1, 2, or 4	142671HA	404602	403901	190 X 3	-	-	-	-	-	-	-	-	-	414439 16 Req'd	412163	302115 16 Req'd	301908 16 Req'd	
	Side Connection	1	142671HJ				92 X 8	1	-	-	87 X 16	1	412178-07	1	412324-04					1
	Quick Release Valve	1	142671HM				-	-	145141DE	1	72 X 33									
	Side Connection	2	142671HP				92 X 8	2	-	-	87 X 16	2		2						2
	Quick Release Valve	2	142671HN				-	-	145141DE	2	72 X 33									
	Side Connection	4	142671HC				92 X 8	4	-	-	87 X 16	4		4						4
Quick Release Valve	4	142671HE	-	-	145141DE	4	72 X 33													
52 VC 1200	Minus Side Connection	1, 2, or 4	142841HA	503985	503986	190 X 83	-	-	-	-	-	-	-	-	-	414439 18 Req'd	412164	303929 18 Req'd	301908 18 Req'd	
	Side Connection	1	142841HJ				92 X 10	1	-	-	87 X 20	1	412178-08	1	412324-05					1
	Quick Release Valve	1	142841HM				-	-	145413BD	1										
	Side Connection	2	142841HP				92 X 10	2	-	-		2		2						2
	Quick Release Valve	2	142841HN				-	-	145413BD	2										
	Side Connection	4	142841HC				92 X 10	4	-	-		4		4						4
Quick Release Valve	4	142841HE	-	-	145413BD	4														

				ITEM																				
	Element Description	# of Air Inlets	Part No. of Complete Element	1 Rim	2 Tube		3 Elbow Assy		3A Optional QRV		4 Compression Ring		5 Air Connection Tube		6 Air Connection Gasket		7 FSA	11 Side Plate	12 Torque Bar	13 Release Spring				
				Part No. 1 Req'd	Part No. 1 Req'd	Snap Ring 4 Req'd	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Qty.	Part No.	Part No. 2 Req'd	Part No.	Part No.		
51 VC 1600	Minus Side Connection	1, 2, or 4	142835HA	511644	505580	190 X 83	-	-	-	-	-	-	-	-	-	-	511644 18 Req'd	412165	308639 18 Req'd	304215 36 Req'd				
	Side Connection	2	142835HP				92 X 10	2	-	-	87 X 20	2	412178-09	2	412324-05	2								
	Side Connection	4	142835HC					4	-	-		4		4		4								
60 VC 1600	Minus Side Connection	1, 2, or 4	142915MB	510629	511348	190 X 15	-	-	-	-	-	-	-	-	-	511646 20 Req'd	412166	304214 20 Req'd	304215 40 Req'd					
	Side Connection	2	142915MA				153 X 791	2	-	-	87 X 20	2	412178-18	2	412324-06					2				
	Quick Release Valve	2	142915HN				-	-	145413BD	2											4	4	4	4
	Side Connection	4	142915HC				153 X 791	4	-	-														
	Quick Release Valve	4	142915HE				-	-	145413BD	4														
66 VC 1600	Minus Side Connection	1, 2, or 4	142097HA	509548	511350	190 X 15	-	-	-	-						-	-	-	-					
	Side Connection	4	142097HC				92 X 10	4	-	-	87 X 20	4	412178-04	4	412324-06	4								
76 VC 1600	Side Connection	4	-	515144	515142	190 X 15	92 X 10	4	-	-	87 X 20	4	412178-04	4	412324-06	4	515156 25 Req'd	515140	304214 25 Req'd	304215 50 Req'd				
76 VC 2000	Side Connection	4	-	515377	515375	190 X 15	92 X 10	4	-	-	87 X 20	4	412178-04	4	412324-06	4	515381 25 Req'd	515384	308576 25 Req'd	308577 25 Req'd				

Dual Wide Element Assemblies

	Complete Dual Element With Four Side Connections	Single Elements	ITEM	
			8 Air Tube Group	9 Spacer Group
16VC1000	142122C	142821HA 2 Req'd	105815A	105905
20VC1000	142123C	142832HA 2 Req'd		405905
24VC1000	142124C	142675HA 2 Req'd		105901
28VC1000	142125C	142674HA 2 Req'd		
32VC1000	142126C	142673HA 2 Req'd		105906
38VC1200	142127C	142739HA 2 Req'd	105817A	105907
42VC1200	142128C	142677HA 2 Req'd		105908
46VC1200	142129C	142671HA 2 Req'd	105891A	105909
52VC1200	142131C	142841HA 2 Req'd	105893A	105910
51VC1600	142130C	142835HA 2 Req'd	105892A	
60VC1600	142132AL	142915MB 2 Req'd	105894A	105911
66VC1600	142198P	142097HA 2 Req'd	105897A	-
76VC1600	146509P	Contact Factory	-	
76VC2000	146531P	-	108131A	

* The second column under "ITEM" lists the part numbers of the two 142119E single elements that make up the dual mounted element assembly. To find part numbers of components, locate the element number in the parts list for single element application. Find the part numbers in the corresponding item column.

All elements are dual drilled.

REPAIR KITS

Friction Block and Rivet Kits

NARROW SERIES							
ELEMENT SIZE	KIT NUMBER	FRICTION BLOCKS	QTY. FRICTION BLOCKS	RIVETS		QTY.* RIVETS	
11.5VC500	146236AA	414575	8	130 X 72		54	
14VC500	146236AB	414577				90	
16VC600	146236AC	414579				90	
20VC600	146236AD	307358	10	130 X 71		110	
24VC650	146236AE	414581	12	130 X 72		130	
28VC650	146236AF	414583	14			150	
33VC650	146236AG	414585	16	130 X 73		170	
35VC650	146236AH	414587	18	130 X 72		190	
37VC650	146236AJ	414585		130 X 73			
42VC650	146236AK	414589	20	130 X 73		210	
WIDE SERIES							
ELEMENT SIZE	KIT NUMBER	FRICTION BLOCKS	QTY. FRICTION BLOCKS	RIVETS		QTY.* RIVETS	
14VC1000	146237AA	414591	16	130 X 72		102	
16VC1000	146237AB	414593	8			90	
20VC1000	146237AC	414595				110	
24VC1000	146237AD	414597	10			110	
28VC1000	146237AE	414599				110	
ELEMENT SIZE	KIT NUMBER	FRICTION BLOCKS	QTY. FRICTION BLOCKS	SCREWS	QTY.* SCREWS	NUTS	QTY.* NUTS
32VC1000	146237AF	414601	12	330 X 208	130	110 X 23	130
38VC1200	146237AG	511639					
42VC1200	146237AH	511641	14	330 X 208	150	110 X 23	150
46VC1200	146237AJ	414438	32		198		198
52VC1200	146237AK	414438	36		222		222
51VC1600	146237AL	511643			40		246
60VC1600	146237AM	511645	44		270		270
66VC1600	146237AN	511645	50		306		306
76VC1600	146237AR	515145			416		416
76VC2000	146237AW	515380					

*Extra fasteners supplied with each kit.

Friction Shoe Assembly, Torque Bar, and Release Spring Kits

NARROW SERIES								
ELEMENT SIZE	KIT NUMBER	FRICTION SHOES	QTY. FRICTION SHOES	TORQUE BARS	QTY. TORQUE BARS	SPRINGS	QTY. SPRINGS	
11.5VC500	146236A	414576	8	201372	8	201373	8	
14VC500	146236B	414513		307353		307354		
16VC600	146236C	414580		201301		10		301352
20VC600	146236D	307359	10					
24VC650	146236E	414582	12	201285	12	12		
28VC650	146236F	414584	14		14	14		
33VC650	146236G	414586	16	201283	16	301333	16	
35VC650	146236H	414588	18		18	301352	18	
37VC650	146236J	414586			20	20	301333	20
42VC650	146236K	414590	20				20	
WIDE SERIES								
ELEMENT SIZE	KIT NUMBER	FRICTION SHOES	QTY. FRICTION SHOES	TORQUE BARS	QTY. TORQUE BARS	SPRINGS	QTY. SPRINGS	
14VC1000	146237A	414592	8	303567	8	303150	8	
16VC1000	146237B	414594		301831		10		301832
20VC1000	146237C	414596						
24VC1000	146237D	414598	10	301839	12	301718	12	
28VC1000	146237E	414600						12
32VC1000	146237F	414602	12	302115	14	301908	14	
38VC1200	146237G	511640						14
42VC1200	146237H	511642	16	303929	18	304215	16	
46VC1200	146237J	414439						16
52VC1200	146237K	511644	18	308639	18	304215	18	
51VC1600	146237L							18
60VC1600	146237M	511646	20	304214	20	304215	40	
66VC1600	146237N							20
76VC1600	146237V	515762	25	308648	25	308577	50	
76VC2000	146237W	515381		25				308576

Spring Kits

NARROW SERIES				WIDE SERIES			
ELEMENT SIZE	KIT NUMBER	SPRINGS	QTY SPRINGS	ELEMENT SIZE	KIT NUMBER	SPRINGS	QTY SPRINGS
11.5VC500	146500BA	201373	8	14VC1000	146500BL	303150	8
14VC500	146500BB	307354		16VC1000	146500BM	301832	
16VC600	146500BC	301352		20VC1000			
20VC600	146500BD		10	24VC1000	146500BP	301718	12
24VC650	146500BE	12	28VC1000	38VC1200			
28VC650	146500BF	14	32VC1000	42VC1200	146500BR	301908	16
33VC650	146500BG	301333	16	46VC1200	146500BS		
35VC650	146500BH	301352	18	52VC1200	146500BT	304215	36
37VC650	146500BJ	301333		20	51VC1600		
42VC650	146500BK		20		60VC1600	146500BW	304215
				66VC1600	146500BX	304215	
				76VC1600	146500BY		

Torque Bar Kits

NARROW SERIES				WIDE SERIES			
ELEMENT SIZE	KIT NUMBER	TORQUE BARS	QTY TORQUE BARS	ELEMENT SIZE	KIT NUMBER	TORQUE BARS	QTY TORQUE BARS
11.5VC500	146500AA	201372	8	14VC1000	146500AK	303567	8
14VC500	146500AB	307353		16VC1000	146500AL	301831	
16VC600	146500AC	201301		20VC1000			
20VC600	146500AD		10	24VC1000	146500AM		301839
24VC650	146500AE	12	28VC1000				
28VC650	146500AF	14	32VC1000	146500AN	302115	12	
33VC650	146500AG	16	38VC1200	146500AP		303929	14
35VC650	146500AH	201283	18	42VC1200			
37VC650				146500AR	16		
42VC650				146500AJ	20	52VC1200	146500AS
				51VC1600	146500AT	304214	
				60VC1600	146500AV		20
				66VC1600	146500AW		22
				76VC1600	146500AX		308648

Friction Shoe Assembly Kits

NARROW SERIES				WIDE SERIES			
ELEMENT SIZE	KIT NUMBER	FSA	QTY FSAs	ELEMENT SIZE	KIT NUMBER	FSA	QTY FSAs
11.5VC500	146500CA	414576	8	14VC1000	146500CK	414592	8
14VC500	146500CB	414513		16VC1000	146500CL	414594	
16VC600	146500CC	414580		20VC1000	146500CM	414596	
20VC600	146500CD	307359	10	24VC1000	146500CN	414598	10
24VC650	146500CE	414582	12	28VC1000	146500CP	414600	
28VC650	146500CF	414584	14	32VC1000	146500CQ	414602	12
33VC650	146500CG	414586	16	38VC1200	146500CR	511640	
35VC650	146500BZ	414588	18	42VC1200	146500CS	511642	14
37VC650	146500CH	414586		46VC1200	146500CT	414439	16
42VC650	146500CJ	414590		20	52VC1200		146500CV
				51VC1600	146500CW	511644	
				60VC1600	146500CX	511646	20
				66VC1600	146500CY		22
				76VC1600	146500CZ		515156

QRV Connection Kits

NARROW SERIES											
ELEMENT SIZE	KIT NUMBER	QRV	QTY QRV	AIR CONNECTION	QTY AIR CONNECTION	WASHER	QTY WASHER				
14VC500	146611D	145406DF	1	412178-03	1	412324-01	1				
16VC600	146611E					412324-02					
20VC600				146611F		412178-05		412324-03			
24VC650	145407DF	412178-06				412324-04					
28VC650								145141DE			
33VC650	146611G										
37VC650		146611H									
42VC650	146611J										
WIDE SERIES											
ELEMENT SIZE	KIT NUMBER	QRV	QTY QRV	AIR CONNECTION	QTY AIR CONNECTION	WASHER	QTY WASHER				
16VC1000	146611E	145406DF	1	412178-03	1	412324-02	1				
20VC1000								146611F	145407DF	412178-05	412324-03
24VC1000	146611G	145141DE		412178-06		412324-04					
28VC1000											
32VC1000	146611J	146506BD		412178-08		412324-05					
38VC1200								146611I	146506BD	412178-08	412324-05
42VC1200	146611J	146506BD		412178-08		412324-05					
46VC1200			146611J		146506BD		412178-08	412324-05			
52VC1200	146611J	146506BD		412178-08		412324-05					

Air Connection Kits

NARROW SERIES							
ELEMENT SIZE	KIT NUMBER	AIR CONN. TUBE	QTY AIR CONN. TUBE	ELBOW/FITTING	QTY ELBOW	WASHER	QTY WASHER
AIR TUBE KITS							
11.5VC500	146500A	412178-02	1	131 X 11	1	412324-01	1
14VC500	146500R	412178-03		92 X 6		412324-02	
14VC500	146500B						
16VC600							
20VC600							
24VC650	146500C	412178-05		92 X 7		412324-03	
28VC650							
33VC650	146500D	412178-06		92 X 8		412324-04	
37VC650							
42VC650							
WIDE SERIES							
ELEMENT SIZE	KIT NUMBER	AIR CONN. TUBE	QTY AIR CONN. TUBE	ELBOW	QTY ELBOW	WASHER	QTY WASHER
AIR TUBE KITS							
14VC1000	146500B	412178-03	1	92 X 6	1	412324-02	1
16VC1000							
20VC1000							
24VC1000	146500C	412178-05		92 X 7		412324-03	
28VC1000							
32VC1000							
38VC1200	146500D	412178-06		92 X 8		412324-04	
42VC1200							
46VC1200	146500F	412178-07		92 X 10		412324-05	
52VC1200	146500G	412178-08					
51VC1600	146500H	412178-09					
60VC1600	146500J	412178-18	153 X 791	412324-06			
66VC1600	146500K	412178-04	92 X 10				
76VC1600							

Replacement Kits – Narrow Element Assemblies

NARROW SERIES																	
ELEMENT SIZE	KIT NUMBER	ELBOW		TORQUE BAR		SPRING		TUBE		AIR CONN TUBE		WASHER		FRIC SHOE ASSEMBLY		RIVETS	
		PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY
11.5VC500	107479A	131 X 11	2	201372	8	201373	8	403090	1	412178-02	2	412324-01	2	414576	8	-	-
	107479AA													414575		130 X 72	54
14VC500	107479B	77 X 4	2	307353	8	307354	8	406274	1	412178-03	2	412324-02	2	414513	8	-	-
	107479AB													414577		130 X 72	90
16VC600	107479C	92 X 6	2	201301	10	301352	10	402704	1	412178-03	2	412324-02	2	414580	10	-	-
	107479AC													414579		130 X 72	90
20VC600	107479D	77 X 3	2	201301	10	301352	10	402733	1	412178-03	2	412324-02	2	307359	10	-	-
	107479M													414995		130 X 71	110
	107479AD													30758			
	107479AM													414994			
24VC650	107479E	92 X 7	2	201285	12	301352	12	402804	1	412178-05	2	412324-03	2	414582	12	-	-
	107479L													414891			
	107479AE													414581		130 X 72	130
	107479AL													414890			
28VC650	107479F	77 X 3	2	201285	14	301352	14	402693	1	412178-05	2	412324-03	2	414584	14	-	-
	107479Q							405404									
	107479BK							402693						130 X 72		150	
	107479BN																
	107479AF																
	107479CJ																
33VC650	107479G	77 X 8	2	201283	16	301333	16	402822	1	412178-06	2	412324-04	2	414586	16	-	-
	107479AG							414585						130 X 73		160	
35VC650	107479H	92 X 8	2	201283	18	301352	18	406382	1	412178-06	2	412324-04	2	414588	18	-	-
37VC650	107479J							301333						402670			
	107479AJ																
42VC650	107479K							20						20		402830	20

Replacement Kits – Wide Element Assemblies

WIDE SERIES																																																																																																				
ELEMENT SIZE	KIT NUMBER	ELBOW		TORQUE BAR		SPRING		TUBE		AIR CONN TUBE		WASHER		FRIC SHOE ASSEMBLY		FASTENER																																																																																				
		PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY																																																																																			
12VC1000	107479Y	131 X 11	2	303567	8	303150	8	407648	1	412178-11	2	412324-01	2	414924	8	-	-																																																																																			
28VC1000	107479T	77 X 3 92 X 7		301831	10	301832	10	403745		412178-05		412324-03		414600	10	414599	130 X 72	110																																																																																		
	107479AT			301839	301718	12	12	402327		412178-06		412324-04		2	414602	12	408469	408157	-	-																																																																																
107479BA	402327							414601							110 X 23 330 X 208		130																																																																																			
32VC1000	107479BS							77 X 8 92 X 8							302115		301908	14	14	412178-07	412324-05	2	511640	14	511640	511639	110 X 23 330 X 208	130																																																																								
	107479CR																						404504		511641	512321	-	-																																																																								
	38VC1200																						107479BB		302115	301908	16	16	412178-08	412324-06	2	2	511640	16	414439	414438	110 X 23 330 X 208	202																																																														
																							107479BM										404504		414439	409381	-	-																																																														
107479BR																							508933										414439		414439	110 X 23 330 X 208	216																																																															
107479BP																							404504										414438		414439	36	-	-																																																														
42VC1200	107479AX																						153 X 805 153 X 820										303929		18	18	503986	412178-09	412324-07	2	412178-18	4	412324-06	4	511646	20	511645	40	110 X 23 330 X 208	240																																																		
	107479BU																																												413771	414439	414439	36	-	-																																																		
46VC1200	107479S																																												153 X 791	304214	20	20	511348	412178-04	412324-08	2	412178-04	4	412324-06	2	511646	22	515156	25	110 X 23 330 X 208	416																																						
	107479AS																																																								403901	511646	21	-	-																																							
52VC1200	107479BC																																																								72 X 40 77 X 7 92 X 10	308576	25	308577	25	515375	412324-09	2	412324-09	4	412324-06	2	515380	50	110 X 23 330 X 208	416																												
	107479BL																																																																				304215	44	511350	107236	515142																											
	107479CC																																																																									21	515142																									
60VC1600	107479BD																																																																									92 X 10	304215	22	42	107236	515142	412324-10	4	412324-10	4	412324-06	2	515380	50	110 X 23 330 X 208	416											
	107479CD																																																																																					21	515142													
66VC1600	107479BE																																																																																					72 X 40 77 X 7 92 X 10	308576	25	308577	25	515375	412324-11	2	412324-11	4	412324-06	2	515380	50	110 X 23 330 X 208
	107479BW		21						515142																																																																																											
76VC1600	107479BV	72 X 40 77 X 7 92 X 10	308576						25		308577		25																																																																																					515375	412324-12	2
76VC2000	107479CP			21	515142																																																																																															

Rebuild Kits – Wide Element Assemblies

WIDE SERIES																	
ELEMENT SIZE	KIT NUMBER	ELBOW		TORQUE BAR		SPRING		TUBE		AIR CONN TUBE		WASHER		FRIC SHOE ASSEMBLY		FASTENERS	
		PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY	PN	QTY
14VC1000	107479W	77 X 4 92 X 6	2	303567	8	303150	8	406978	1	412178-03	2	412324-02	2	414592	8	-	-
	107479CK	153 X 353 153 X 354						410278		412178-13						-	-
16VC1000	107479BG	77 X 4 92 X 6	2	301831	8	301832	8	405954	1	412178-03	2	412324-02	2	415352	8	130 X 72	90
	107479BH													414901			
	107479Z													414594			
	107479AZ													414593			
20VC1000	107479R	77 X 4 92 X 6	2	301831	10	301832	10	406544	1	412178-03	2	412324-02	2	414596	8	-	-
	107479RA							413115									
	107479AR							406544									
24VC1000	107479N	77 X 3	2	302115	14	301908	14	403799	1	412178-05	2	412324-03	2	414598	10	-	-
	107479AN	92 X 7												414597		130 X 72	100
42VC1200	107479X	77 X 8 92 X 8	2	302115	16	301908	16	408470	1	412178-06	2	412324-03	2	511642	14	-	-
46VC1200	107479BF	77 X 8 92 X 8												412178-07			
51VC1600	107479P	77 X 7 92 X 10	2	308639	18	304215	36	505580	1	412178-09	2	412324-05	2	511644	18	110 X 23 330 X 208	216
	107479CN							513565									
	107479AP							505580						507747			