

# CRS SERVICE, INC.

## CRS4525V FIXED DOUBLE VANE PUMP MODEL CODE BREAKDOWN

**MODEL CODE:** CRS 4525V \*\* A \*\* (\*) - 1 \* 22 L  
**CROSS REFERENCE:** A B C D E F G H I J

**A = BRAND**

**B = FRAME SIZE**

**C = DISPLACEMENT**

		GPM @	RPM MAX	PSI MAX
		1200 RPM		
42	=	42 GPM	1800	2500
50	=	50 GPM	1800	2500
60	=	60 GPM	1800	2500

**D = PORTING**

A	=	Inlet 31/2" 4 Bolt Split Flange #1 Outlet 1 1/2" 4 Bolt Split Flange #2 Outlet 1" 4 Bolt Split Flange
E	=	Inlet 3 1/2" 4 Bolt Split Flange #1 Outlet 1 1/2" 4 Bolt Split Flange #2 Outlet 1.3125" - 12 SAE O Ring

**E = DISPLACEMENT**

		GPM @	RPM MAX	PSI MAX
		1200 RPM		
12	=	12 GPM	1800	2500
14	=	14 GPM	1800	2500
17	=	17 GPM	1800	2500
21	=	21 GPM	1800	2500

**F = SHAFT SEAL AND MOUNTING**

F	=	Foot Bracket
S	=	Double Shaft Seal
Omit for single seal & SAE B Flange Mount		

**G = SHAFT**

1	=	1.25" Diameter 5/16 Square Key 2.44 Ext
3	=	1.25" Diameter 5/16 N. Key 0.13 Ext
6	=	1.25" Diameter 5/16 W Key 2.44 Ext
11	=	1.25" Diameter 14T 12/24 MDF 2.44 Ext
13	=	1.23" Diameter 14T 12/24 SF 3.06 Ext
19	=	1.25" Diameter 14T 12/24 SF 3.06 Ext
26	=	1.15" Diameter 13T 12/24 SF 2.75 Ext
28	=	1.23" Diameter 14T 12/24 SF 2.58 Ext
31	=	1.23" Diameter 14T 12/24 SF 4.01 Ext
69	=	1.25" Diameter 14T 12/24 MDF 2.69 Ext
70	=	1.25" Diameter 14T 12/24 MDF 2.44 Ext
80	=	1.25" Diameter 5/16 Square Key 3.19 Ext
84	=	1.25" Diameter 14T 12/24 MDF 2.7 Ext
86	=	1.50" Diameter 3/8 Square Key 3.44 Ext
92	=	1.23" Diameter 14T 12/24 SF 3.31 Ext
108	=	1.23" Diameter 14T 12/24 SF 2.19 Ext
114	=	1.23" Diameter 14T 12/24 SF 3.06 Ext
115	=	1.23" Diameter 14T 12/24 SF 2.58 Ext
124	=	1.23" Diameter 14T 12/24 SF 4.11 Ext
130	=	1.25" Diameter 14T 12/24 SF 2.44 Ext
131	=	1.23" Diameter 14T 12/24 SF 2.58 Ext

**G = SHAFT (CONTINUED)**

135	=	1.25" Diameter 14T 12/24 MDF 2.7 Ext
144	=	1.23" Diameter 14T 12/24 SF 2.08 Ext
179	=	1.25" Diameter 5/16 Square Key 2.88 Ext
401	=	1.25" Diameter 14T 12/24 MDF 2.44 Ext
402	=	1.23" Diameter 14T 12/24 SF 3.06 Ext
410	=	1.25" Diameter 5/16 Square Key 2.44 Ext

**H = PORT RELATIONSHIP**

\*as viewed from the cover end

#1 OUTLET OPPOSITE INLET

AA	=	#2 Outlet 135 Degrees CCW from inlet
AB	=	#2 Outlet 45 Degrees CCW from inlet
AC	=	#2 Outlet 45 Degrees CW from inlet
AD	=	#2 Outlet 135 Degrees CW from inlet

#1 OUTLET 90 DEGREES CCW FROM INLET

BA	=	#2 Outlet 135 Degrees CCW from inlet
BB	=	#2 Outlet 45 Degrees CCW from inlet
BC	=	#2 Outlet 45 Degrees CW from inlet
BD	=	#2 Outlet 135 Degrees CW from inlet

#1 OUTLET INLINE WITH INLET

CA	=	#2 Outlet 135 Degrees CCW from inlet
CB	=	#2 Outlet 45 Degrees CCW from inlet
CC	=	#2 Outlet 45 Degrees CW from inlet
CD	=	#2 Outlet 135 Degrees CW from inlet

#1 OUTLET 90 DEGREES CW FROM INLET

DA	=	#2 Outlet 135 Degrees CCW from inlet
DB	=	#2 Outlet 45 Degrees CCW from inlet
DC	=	#2 Outlet 45 Degrees CW from inlet
DD	=	#2 Outlet 135 Degrees CW from inlet

**I = Design**

22	=	Design Code
----	---	-------------

**J = Rotation**

L	=	Left Hand Rotation
Omitted	=	Right Hand Rotation



### CRS Service Inc.

1986 Rochester Industrial Dr., Rochester Hills, Michigan 48309 Phone 248-652-9940 Fax 248-652-9946  
 108 May Drive Unit B, Harrison, Ohio 45030 Phone 513-367-3800 Fax 513-367-6577  
 2335 Handley Ederville Road, Fort Worth, Texas 76118 Phone 817-590-2236 Fax 817-590-2577  
[www.crsservice.com](http://www.crsservice.com)

For more information or to place an order call 800-521-2628

# CRS SERVICE, INC. CRS4525V FIXED DOUBLE VANE PUMP PARTS LIST

**CRS4525V\*\*A\*\*-22**

**List Price New \$2110.00 Reman \$1905.00**

**Core Credit (included in price) - Complete Pump \$180.00 45V Cart Kit \$20 Ring \$12.00 25V CART KIT \$10.00 RING \$7.50**

**NOTE: Add \$80.00 to List Price for Viton**

<b>Cartridge Kits and Parts</b>								
<b>All CRS Cartridge Kits come complete with Cartridge Kit Seals</b>								
Description	New Cart Kit Part #	New List Price	Reman Cart Kit Part #	Reman List Price	New Ring Part #	New List Price	Reman Ring Part#	Reman List Price
45**V42 GPM	3581663	\$788.25	R581663	\$688.25	3581679	\$287.75	R581679	\$157.88
45**V50 GPM	3581664	\$788.25	R581664	\$688.25	3581680	\$287.75	R581680	\$157.88
45**V60 GPM	3580919	\$788.25	R580919	\$688.25	3578904	\$287.75	R578904	\$157.88
**25V***12 GPM	3591091	\$443.75	R591091	\$348.50	3584610	\$162.00	R584610	\$68.64
**25V***14 GPM	3591092	\$443.75	R591092	\$348.50	3584612	\$162.00	R584612	\$68.64
**24V***17 GPM	3591093	\$443.75	R591093	\$348.50	3584614	\$162.00	R584614	\$68.64
**25V***21 GPM	3591094	\$443.75	R591094	\$348.50	3584616	\$162.00	R584616	\$68.64
<b>Rotor</b>				<b>Vane Kit</b>				
Description	Part #	List Price	Description	Part#	List Price	Description	Part#	List Price
45V Rotor All Sizes	3578900	POR	45V Vane Kit All Sizes	3941049	\$209.00	25V Rotor All Sizes	3584618	POR
			25V Vane Kit All Sizes	3941214	\$161.00			
<b>Shafts</b>								
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
1	3233524	\$181.25	70	3330257	POR	131	3423138	POR
3	3233525	POR	80	3349936	POR	135	3429068	POR
6	3233526	POR	84	3355989	POR	144	3453497	POR
11	3233527	\$231.50	86	3361762	\$235.50	179	3502213	POR
13	3253597	POR	92	3383813	POR	401	3634863	POR
19	3247102	\$238.75	108	3409316	POR	402	3631866	POR
26	3259661	POR	114	3413024	POR	410	3634866	POR
28	3309832	POR	115	3413025	POR	* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability		
31	3245464	POR	124	3422594	POR			
69	3323564	POR	130	3423703	POR			
<b>Seal Kit</b>			<b>Shaft Seal</b>			<b>Shaft Bearings</b>		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
Buna	3922865	\$21.78	Sft Seal Buna	3394974	\$6.15	Std. Bearing	3131812	\$17.50
Viton	3919345	\$104.14	Sft Seal Viton #1 Single Seal	3429285	\$12.04			
			Sft Seal Viton #2 Second Seal	3429282	\$14.09			
<b>Shaft End Body</b>			<b>Center Section</b>			<b>Port End Cover</b>		
Description	Part#	List Price	Description	Part#	List Price	Description	Part#	List Price
CODE A	3942356	\$223.50	CODE A	3370071	\$390.50	CODE A	3231532	\$115.75
CODE E	3942356	\$223.50	CODE E	3370071	\$390.50	CODE E	3242250	\$116.75
<b>Miscellaneous Parts</b>								
Description	Part #	List Price	Description	Part#	List Price	Description	Part#	List Price
Washer	3194878	\$2.36	Ret. Ring Br/Sft	3102949	\$2.20			
Spirolox Ring	3158630	\$2.31	Bolts (4 Req.)	3011163	\$3.47			
Bolt (4 Req.)	3237138	\$11.28	Foot Bracket	CRSFB-C-10 Reman	\$166.05			
Flange	CRSFL1-12-12P-10	\$50.23	Flange	CRSFL1-08-08P-10	\$36.90			
Flange	CRSFL1-28-28W-LP-10	\$186.55						

\* Indicates items not available in CRS Brand, please call your CRS Sales Representative for Price and Availability



## CRS Service Inc.

1986 Rochester Industrial Dr., Rochester Hills, Michigan 48309 Phone 248-652-9940 Fax 248-652-9946  
108 May Drive Unit B, Harrison, Ohio 45030 Phone 513-367-3800 Fax 513-367-6577  
2335 Handley Ederville Road, Fort Worth, Texas 76118 Phone 817-590-2236 Fax 817-590-2577  
www.crsservice.com

For more information or to place an order call 800-521-2628