

## CM Valustar Parts List

Key No.	Part Name	No. Req'd.		Models						
		Models		WB	WE	WF	WH	WJ	WL	WR
		WB	WH							
624-100	Motor Housing	1	1	27028			24008			
624-101	Gear Housing	1	1	28669 (Includes Item 624-102)			35620 (Includes Items 624-102,624-120 and 624-129)			
624-102	Intermediate Gear and Pinion Bearing-Inboard	1	1	88440			Order 83670 bearing and 24350 For Shaft Adapter			
624-103	Chain Guide	2	2	27008			35018			
624-104	Liftwheel	1	1	27360			35421			
624-105	Suspension Adpater Nut	2	2	927755			935791			
624-106	Motor Housing Cover Screw and Lockwasher	2	2	C302			C303			
624-107	Liftwheel Gear Retainer Ring	1	-	27767			-			
624-108	Motor Shaft Bearing, Inboard Retainer Ring	2	2	27790			35764			
624-109	Gear Housing Attaching Screw	4	4	28830			35733			
624-110	Loose End Screw, Washer & Lockwasher	1	1	C304			C305			
624-111	Motor Shaft Bearing-Outboard	1	1	82009			88437			
624-112	Motor Shaft Bearing-Inboard	1	1	82003			82004			
624-113	Stator Pin	1	-	983541			-			
624-114	Control Cable Screw, Washer & Lockwasher	1	1	C306			C306			
624-115	Back Frame Assembly (Includes brake studs)	1	1	24620 (Includes Items 624-116,624-117,624-118, 624-127 and 624-128)			24622			

624-116	Drive Shaft and Pinion Bearing	1	1	82009				83691		
624-117	Intermediate Gear and Pinion Bearing-Outboard	1	1	82009				88437		
624-118	Bearing Retainer Screw and washers	1	2	C307				C308		
624-119	Back Frame Attaching Screw	3	2	982699				987322		
624-120	Liftwheel Bearing-Gear End	1	1	88429				82002		
624-121	Motor Housing Cover	1	1	24504				24759		
624-122	Back Frame Cover	1	1	24757				24758		
624-123	Back Frame Cover Attaching Screw and Lockwasher	2	2	C309				C310		
624-125	Hoist 1.D. Label	1	1	24769 (115-1-60) 24774 (230/460)	24701 (115-1-60) 24702 (230/460)	24770 (115-1-60) 24775 (230/460)	24771 15-1-60) 24776 230/460)	24703	24772 (115-1-60) 24777 (230/460)	24773 (115-1-60) 24778 (230/460)
624-126	Capacity/Warning Label	1	1	24764	24765	24765	24766	24765	24766	24768
624-127	Hole Pluq Set	4	1	982454				C311		
624-128	Back Frame Expansion Plug	1	-	940837				-		
624-129	Gear Housing Plug	-	1	-				935767		
624-130	Drive Shaft and Pinion Assembly (Includes items 624-131 thru 624-133 for Mcce's WB, WE, WF and WH. Includes items 624-131,624-132,624-133 & 624-116 for Models WJ, WL, & WR.	1	1	Order 624-116 624-131, 624-132 and 624-133				24639	24638	
624-131	Drive Shaft and Pinion Assembly	1	1	24641 (8T.Pinion, 5-15/64 Long)		24642 (8T.Pinion, 5-43/64 Long)		35357 (18T.)		35356 (12T.)
624-132	Brake Hub	1	1	27851 (8T. 21/32" Long)		27852 (8T. 1-1/8" Long)				24019(13T.)
624-133	Brake Hub Retainer Ring	1	1	27766				35766		
624-134	Liftwheel Gear	1	1	27009 (53T.)				35009 (79T.)		
624-135	Intermediate Pinion	1	1	24351 (8T.)				35351 (10T.)		
624-136	Intermediate Gear Retainer Ring	1	1	27765				35763		
624-137	Protector	1	1	28694		28695		36668	36670	36670

624-138	Liftwheel Bearing-Motor End	1	1	88429				83669		
624-139	Liftwheel Gear Nut & Lockwasher		1					C312		
624-140	Motor End Bell Attaching Screw and Lockwasher		4	-				C313 (230/460)	C314 (115-1-60) C313 (230/460)	C314 (115-1-60) C313 (230/460)
624-141	Motor End Bell	-	1					24007		
624-142	Loose End Nut	1	1	82638				82639		
624-143	Contacto r/Capacitor Bracket with Attaching Screws	-	1	Order (1) Bracket 24021 & (1) Screw 982717				C315		
624-144	Motor Shaft Bearing Retainer with Attaching Screws		1					C316 (115-1-60) C317 (230/460)		
624-145	Capacitor Clamp with Attaching Screws and L.W.	-	1	-				C318 (115-1 •60)		
624-146	Motor Shaft Bearing Retaining Nut	-	1	-				935770		
624-147	Contact Block	-	1	-				-	36764	
624-149	Brake Disc Retainer Ring	-	1	-				24801		
624-151	Lower Hook with Latch (Includes Item 624-152)	1	1	28686	28687	28686	28687	35611	35612	
624-152	Latch Kit	1	1	45661	45662	45661	45662	45662	45663	
624-156	Load Chain-Specify Length	1	1	85944 (Specify Length Req'd)				85949 (Specify Length Req'd)		
624-157	Lower Hook Assembly-Complete (Items 624-151 and 624-158)	1	1	-	28665	-	28665	-	35645	
624-158	Lower Hook Collar (or nut) Pin and Thrust Bearing	1	1	-	C325	-	C325	-	C326	
624-159	Lower Sheave	1	1		27017		27017		35010	
624-160	Lower Sheave Bearing	2	2		88429		88429		83674	
624-161	Hook Block (Must order in parts)	2	2		27048		27048		36032	
624-162	Hook Block Screws, L.W. & Nuts (3 each)	1	1 •	-	C327	-	C327	-	C347	
624-163	Loose End Chain	1	1	85832 (8 Links)				85832 (8 Link )		
624-164	Loose End Block	1	1	24015				24016		
624-165	Loose End Chain Pin and Load Chain Pin	1	1	C328				C348		

624-166	Stop Block	1	1	24785				24786			
624-170	Suspension Adapter	1	1	27703	27013	27703	27013	35740	35740	35741	
624-171	Upper Hook with Latch (includes item 624-152)	1	1	28689	28697	28689	28697	35617	35617	35616	
624-172	Upper Hook Collar (or nut) and Pin	1	1	C329	C330	C329	C330	C331		C332	
624-173	Suspension Adapter Screw	2	2	987554				36849			
624-174	Rigid Hook Suspension Complete	1	1	2788	2789	2788	2789	3651		3658	
624-175	Dead End Bolt	1	1		89508		89508			35957	
624-176	Dead End Block, Pin, Washer & Cotter Pin	1	1	-	C334	-	C334	-		C335	
624-177	Suspension Lug	1	1	27450	27452	27450	27452	35456		35457	
624-178	Lug Suspension Complete	1	1	2778	2779	2778	2779	3677		3668	
624-179	Suspension Adapter Anchor	-	2	-				35066			
624-180	Back Frame Dowel	-	2	-				35768			
624-190	Brake Plate	1	1	24741				24740			
624-191	Brake Friction Plate	2	2	24603				24602			
624-192	Brake Field	1	1	24606				24608			
624-193	Brake Armature	1	1	24607				24609			
624-194	Brake Spring	2	2	24731				24732			
624-195	Brake Nut	2	2	982442				982443			
624-196	Brake Coil Retainer Strap	1	1	24738				24738			
624-197	Brake Disc (one req'd. for Models WB and WE, two req'd. for Models WF, WH, WJ, WL, &WR)			27817				24735			
624-198	Brake Friction Plate-Double (not req'd. for Models WB and WE)	1	1	24600				24601			
624-199	Brake Coil	1	1	51001 (115-1-60) 51003 (230/460)				51002 (230/460)	51001 (115-1-60) 51002 (230/460)	51001 (115-1-60) 51002 (230/460)	
624-200	Gear Housing Gasket	1	1	27747				35707			
624-210	Rotor Assembly. Items 624- 108 & 624-112 included. For 115-1-60 units, Item	1	1	24632 (115-1-60) 27516 (230/460)		24633 (115-1-60) 27516 (230/460)		35610 (230/460)	24623 (115-1-60) 35610	24623 (115-1-60) 35610 (230/460)	

	624-212 included.							(230/460)	
624-211	Stafor (Also order 624-113 for Models WB, WE, WF and WH)	1	1	24721 (115-1-60) 24722 (230/460)	24720(115-1-60) 24723 (230/460)	24724 (230/460)	24726 (115-1-60) 24724 (230/460)	24726 (115-1-60) 24724 (230/460)	
624-212	Centrifugal Mechanism and Spacer	1	1	C349			C349		
624-213	Capacitor	1	1	2//16 (11b-1-60 Units Only)			24802 (Ub-1-60 Units Only)		
624-214	Capacitor Mounting Spring and Mounting Screw	1	-	C336 (115-1-60 Units Only)			-		
624-215	Cut-out Switch with Attaching Screws	1	1	C337 (115-1-60 Units Only)			C339 (115-1-60 Units Only)		
624-216	Contactor with Attaching Screw	1	1	Order 1-288 5 contactor and 2-25858 screws					
624-218	Transformer with Attaching Screws	1	1	C343 (230/460 Units Only)			C343 (230/460 Units Only)		
624-219	Wire Nuts - Specify No. Req'd.	-	-	(Small) 982473 (Large) 982477					
624-220	Jumper Set	1	1	For 115-1-60 units order 1-51828, 3-51533, 1-51694, 1-51659, 1-51995, 1-51996 and 1-51997 jumpers. For 230/460-3-60 units order 3-51533, 1-51694, 1-51995, 1-51996 and 1-51997 jumpers.					
624-221	Power Cord	1	1	24840 for 115-1-60 units 51398 for 230/460-3-60 units			24841 for 115-1-60 units 51399 for 230/ 460-3-60 units		
624-230	Control Station and Cable	1	1	24614 to 10 ft. lift units. 24646 for 15 ft. lift units. 24647 for 20 ft. lift units. For other lifts, contact CM.					
624-231	Control Cable	1	1	51011 for 10 ft. lift units. 51084 for 15 ft. lift units. 51197 for 20 ft. lift units. For other lifts, contact CM.					
624-232	Control Station	1	1	See Control Station Parts List					
624-233	Warning Tag	1	-	81704			81704		
624-234	Product Label	1	1	24707			24707		
624-240	Rotor Wave Washer	1	-	27292			-		
624-241	Rotor Bearing Spacer	1	-	27291			-		
624-250	Wiring Shield (Contactor)	1	1	-			28833		
624-251	Terminal Insulator (Contactor)	1	1	35881					
624-252	Warning Label (Electrical)	2	2	24842					
624-760	Lower Hook and Block Assembly	1	1	28683	-	28683	-	C206	-
624-763	Lower Hook Body	1	1	45401	-	45401	-	35370	-

624-764	Lower Hook Chain Block Pin	1	1	45943	-	45943	-	35790	-
624-771	Lower Hook with Latch	1	1	28686	-	28686	-	35611	-
624-772	Lower Hook Thrust Bearing	1	1	88485	-	88485	-	88485	-
624-774	Lower Hook Nut Pin	1	1	983772	-	983772	-	983772	-
624-775	Lower Hook Chain Block	1	1		-	28007	-	35026	-
624-776	Lower Hook Nut	1	1	982526	-	982526	-	982526	-
624-777	Lower Hook Block Washer	1	1	945921	-	945921	-	945921	-

Part Number for Packaged Lubricants Used in the Valustar Electric Chain Hoists (Refer to page 12 for Lubrication Instructions)		
Lubricant Usage	Type of Lubricant	Part Numbers and Packaged Quantity of Lubricants
Hoist Gears	Grease (Special)	28605 for 1/2 #Can 28616 for 1# Can 28617 for 4# Can
Spline on end of Drive Shafts	Oil-Graphite Mixture	40628 for 1 Pint Can
Load Chain	Oil	28608 for 1 Pint Can 28619 for 1 Gal. Can
Lower Hook Thrust Bearing	Grease	Heavy Cup Grease- obtain locally

\*These oils are not furnished by CM in packaged quantities.

When ordering lubricants, specify the type of lubricant, part number and packaged quantity required.

Touch-up Paints for Valustar Electric Chain Hoists and Series 635 Low Headroom Trolleys:

1. Hoist. Order \*(1) case (12-12 oz. Aerosol Cans) of Orange Touch-up paint Part Number 84190.

2. Trolley. Order \*(1) case (12-12 oz. Aerosol Cans) of Black Touch-up paint Part Number 84189.

\*Touch-up paints are only available in case quantities.

**NOTE: When painting Hoists or Trolleys, also order warning labels, identification labels, etc. that may be coated during painting.**

