



Parts Manual

Model 20D Appliance Clamp

Serial Number 20D-ACS-45AR1

cascade[®]
corporation

For Technical Assistance call: 800-227-2233, Fax: 888-329-8207

To Order Parts call: 888-227-2233, Fax: 888-329-0234

OR

Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

Safety Decals



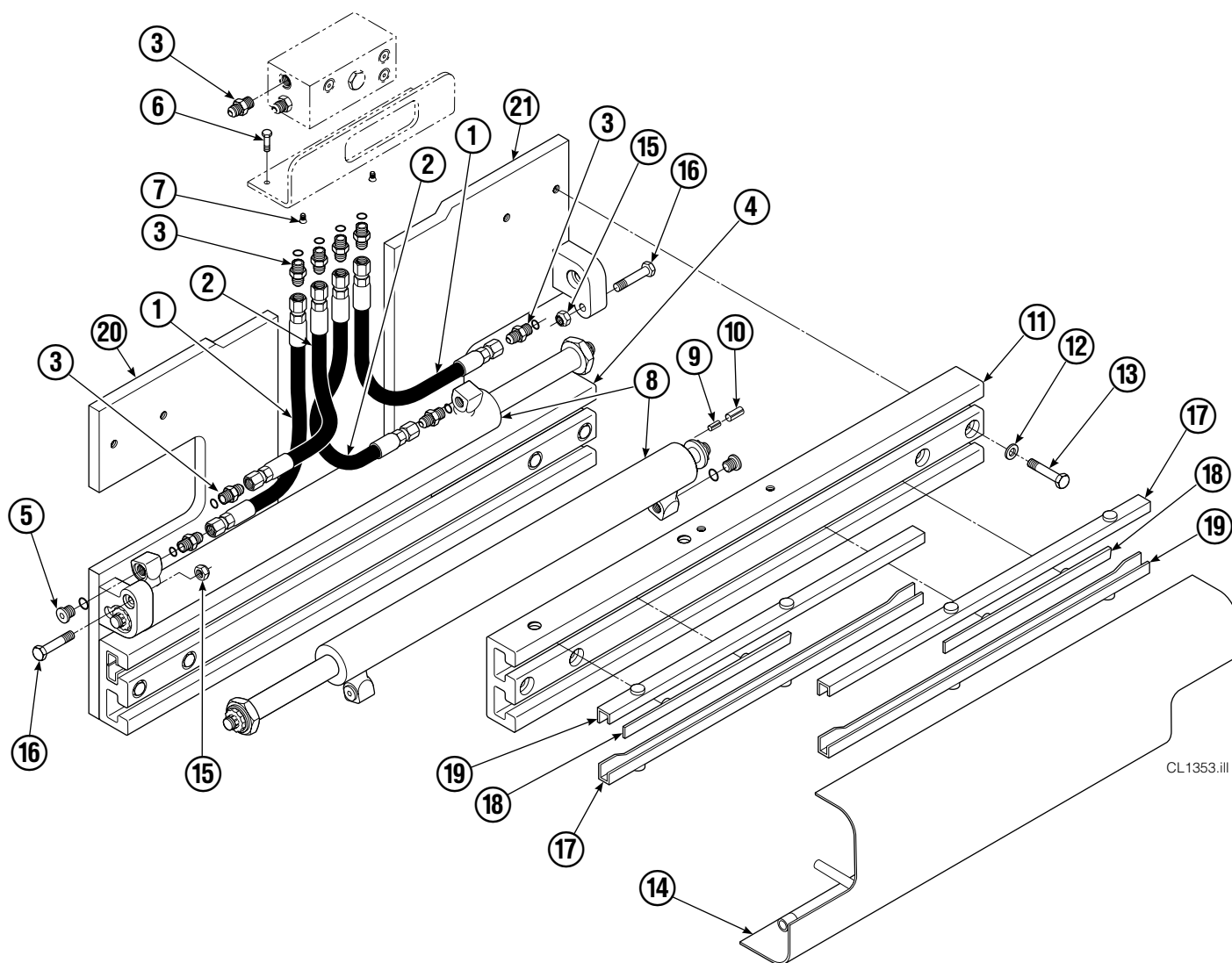
REF	QTY	PART NO.	DESCRIPTION
1	1	679150	No Step Decal
2	2	665595	No Hand Hold Decal
3	1	679059	Quick Change Hook Decal

Publications



PART NO.	DESCRIPTION
670487	Service Manual
670834	Operators Guide
670488	Installation Instructions
680664	Servicing Cascade Cylinders-VHS
679929	Tool Catalog
673964	Literature Index Order Form

Base Unit Group



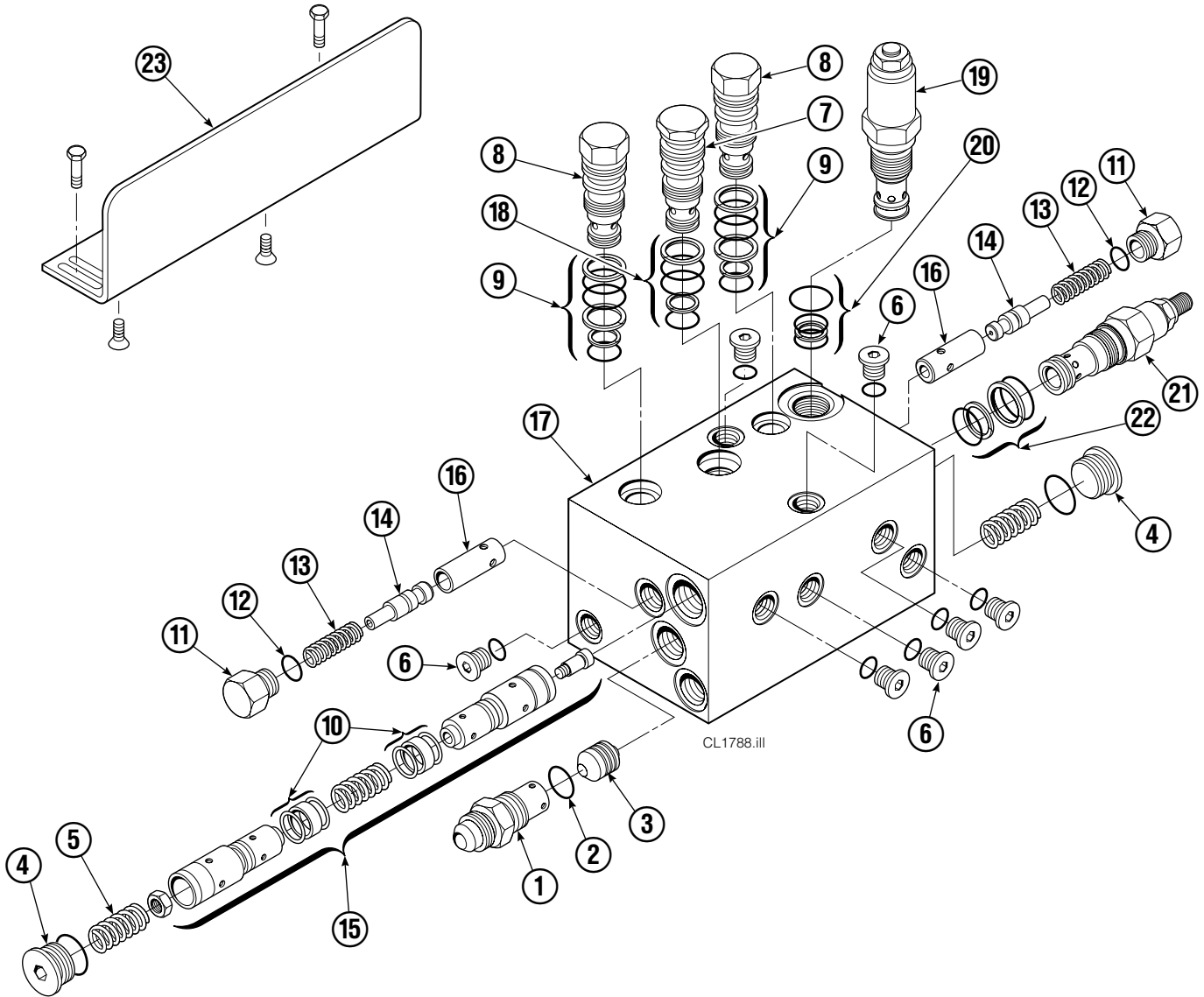
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20D							
REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		3014261	Base Unit Group	11	1	671549	Frame - Upper
1	2	207425	Hose, 24.00 in.	12	8	667910	Washer
2	2	675055	Hose, 17.50 in.	13	8	667909	Capscrew
3	9	601377	Fitting, 8-8	14	1	682098	Bumper
4	1	671549	Frame - Lower	15	2	665707	Nut, 1/2 in. ID
5	2	631018	Plug	16	2	633523	Capscrew, 1/2 NC x 3.00
6	3	671222	Capscrew, 3/8 NC x .75	17	4	208858	Bearing
7	2	4071	Capscrew	18	4	667663	Bearing
8	2	318595	Cylinder ▲	19	4	208857	Bearing
9	2	7861	Roll Pin - Inner	20	1	341424	Mounting Plate - RH
10	2	7962	Roll Pin - Outer	21	1	341423	Mounting Plate - LH

▲ See Cylinder page for parts breakdown.

Reference: Mounting Group 341425, Common Parts 318623, SK-5299.

Valve Group

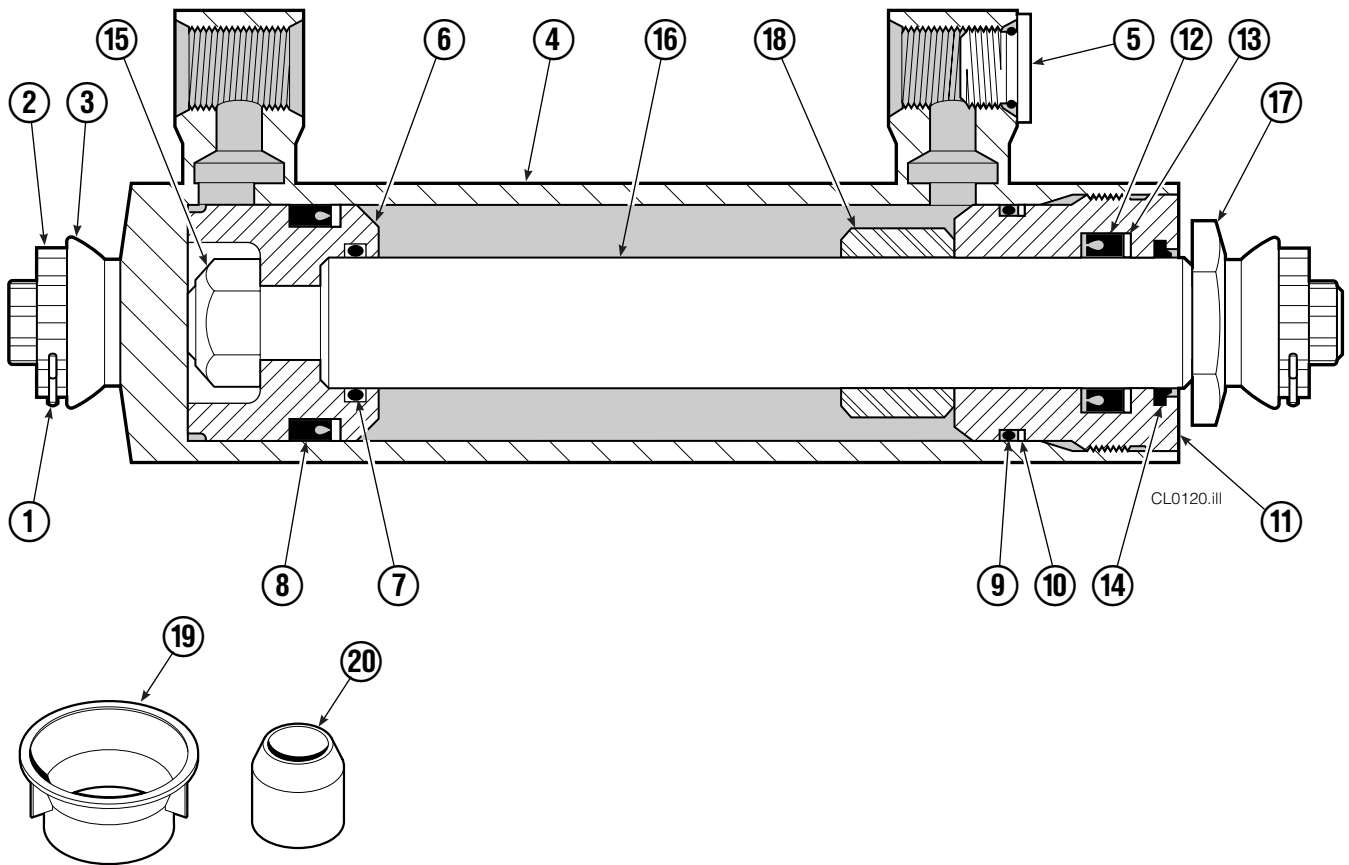


REF	QTY	PART NO.	DESCRIPTION	REF	QTY	PART NO.	DESCRIPTION
		344388	Valve Group	12	2	2840	O-Ring ●
		343684	Valve Group ▲	13	2	673098	Spring
1	1	667490	Special Fitting	14	2	667492	Poppet
2	1	2841	O-Ring ●	15	1	673089	Spool Assembly
3	1	667471	Spool	16	2	667491	Sleeve
4	2	609453	Fitting, 10	17	1	343685	Valve Body
5	2	667487	Spring	18	1	661347	Service Kit ●
6	7	604510	Fitting, 6	19	1	334615	Relief Valve
7	1	678270	Check Valve – VPO	20	1	684625	Service Kit
8	2	659058	Check Valve – PO	21	1	343687	Relief Valve
9	2	667516	Service Kit ●	22	1	667510	Service Kit
10	1	679846	Low Flow Spool Kit	23	1	334808	Valve Bracket
11	2	667494	Fitting			667513	Service Kit

● Included in Service Kit 667513.

▲ Items 1–22 only.

Cylinder



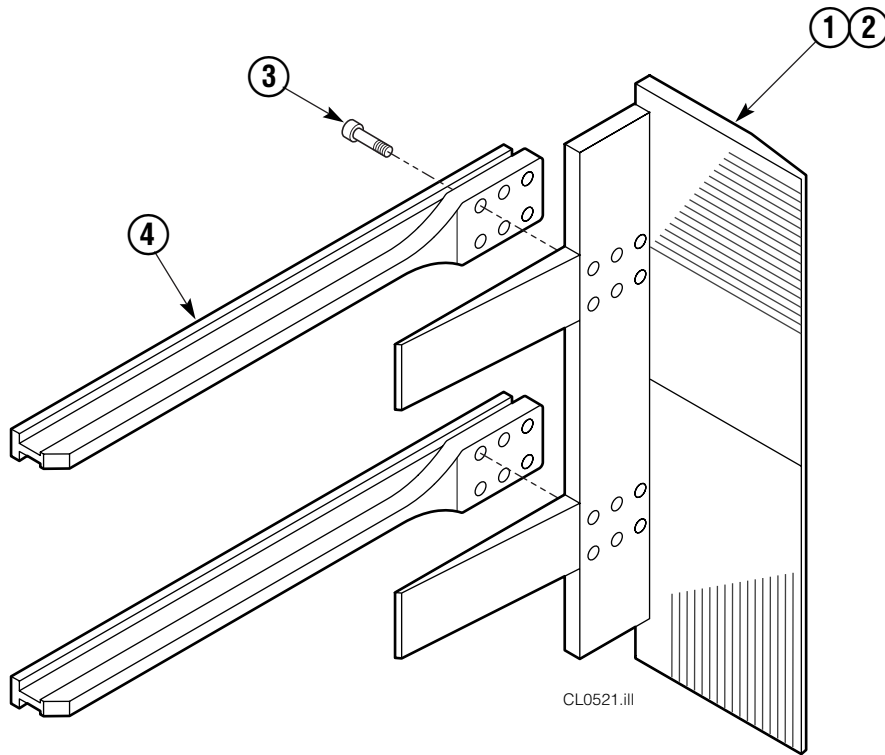
20D			
REF	QTY	PART NO.	DESCRIPTION
		318595	Cylinder Assembly
1	2	6510	Cotter Pin ■
2	2	667624	Nut Retainer ■
3	2	667625	Nut ■
4	1	318596	Shell
5	1	602580	Fitting
6	1	558200	Piston
7	1	2716	O-Ring ▲
8	1	662452	Seal ▲
9	1	2785	O-Ring ▲
10	1	615128	Back-Up Ring ▲
11	1	563906	Retainer
12	1	662448	Seal ▲
13	1	638243	Nylon Ring ▲
14	1	636853	Wiper ▲
15	1	667623	Nut
16	1	318597	Rod
17	1	667626	Washer
18	1	—	Spacer
19	1	671047	Seal Loader, Piston ▲
20	1	671051	Seal Loader, Retainer ▲
		668021	Service Kit

▲ Included in Service Kit 668021.

■ Included in Nut Service Kit 668926.

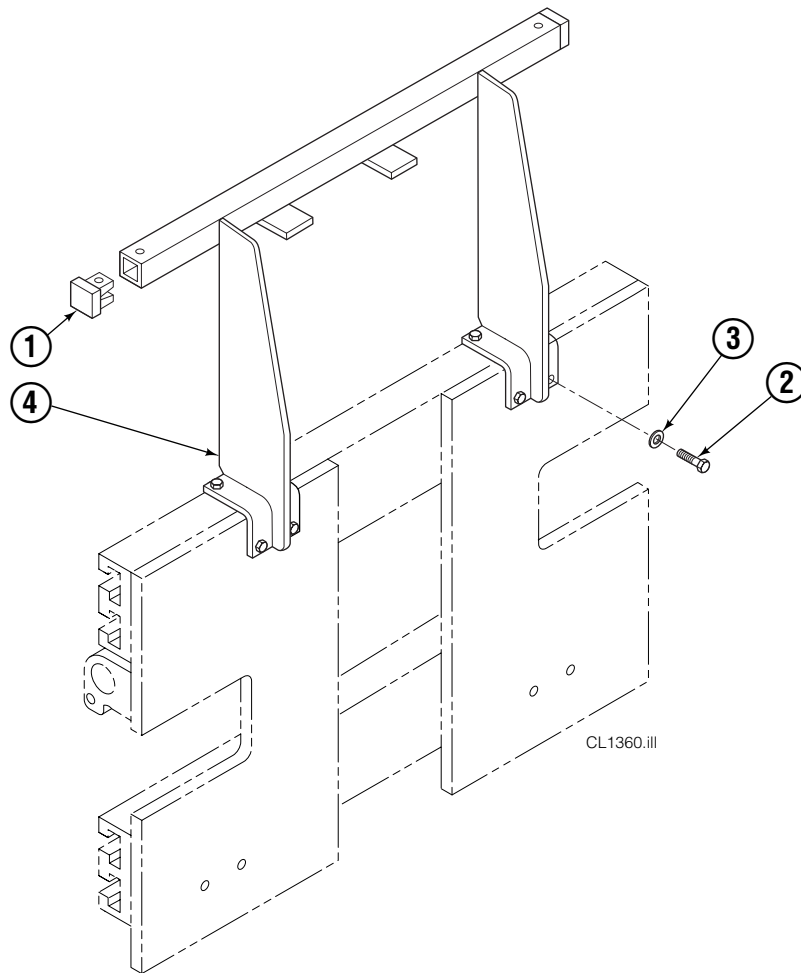
Reference: S-7605, S-7658

Arm Group



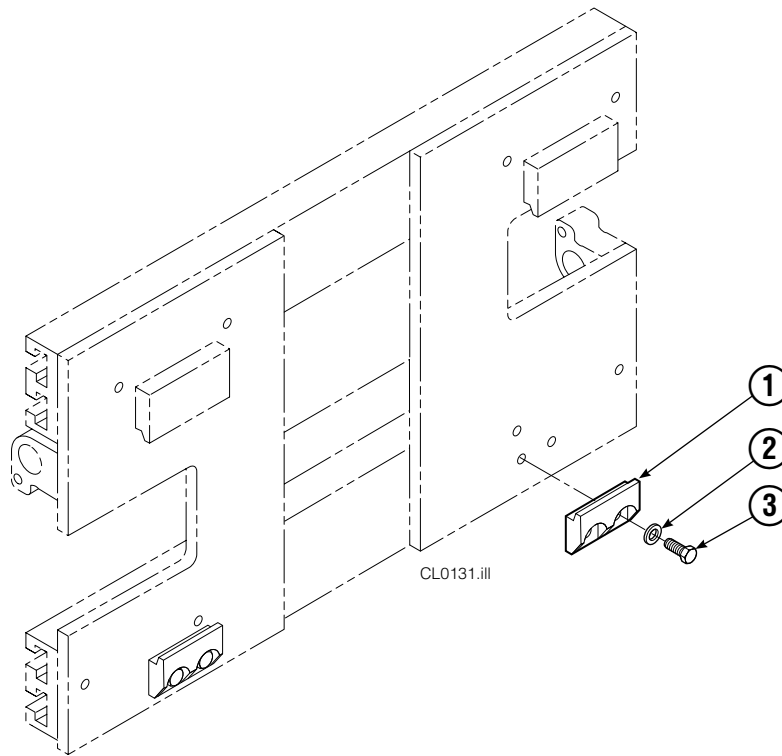
20D			
REF	QTY	PART NO.	DESCRIPTION
		327320	Arm Group
1	1	327324	Arm - RH
2	1	327321	Arm - LH
3	24	607103	Capscrew
4	4	667905	Arm Bar

Backrest Group



20D			
REF	QTY	PART NO.	DESCRIPTION
		318614	Backrest Group
1	1	318615	Backrest
2	8	670004	Capscrew
3	8	667910	Washer
4	2	675356	Tube End

Bolt-On Mounting Group



Class II			
REF	QTY	PART NO.	DESCRIPTION
		678934	Lower Hook Group
1	2	675968	Lower Hook
2	4	667225	Washer, 5/8 in. ID
3	4	667369	Capscrew, 5/8 NC x 1.25 GR 5

Reference: S-3197.

Do you have questions you need answered right now? Call your nearest Cascade Parts Department.

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