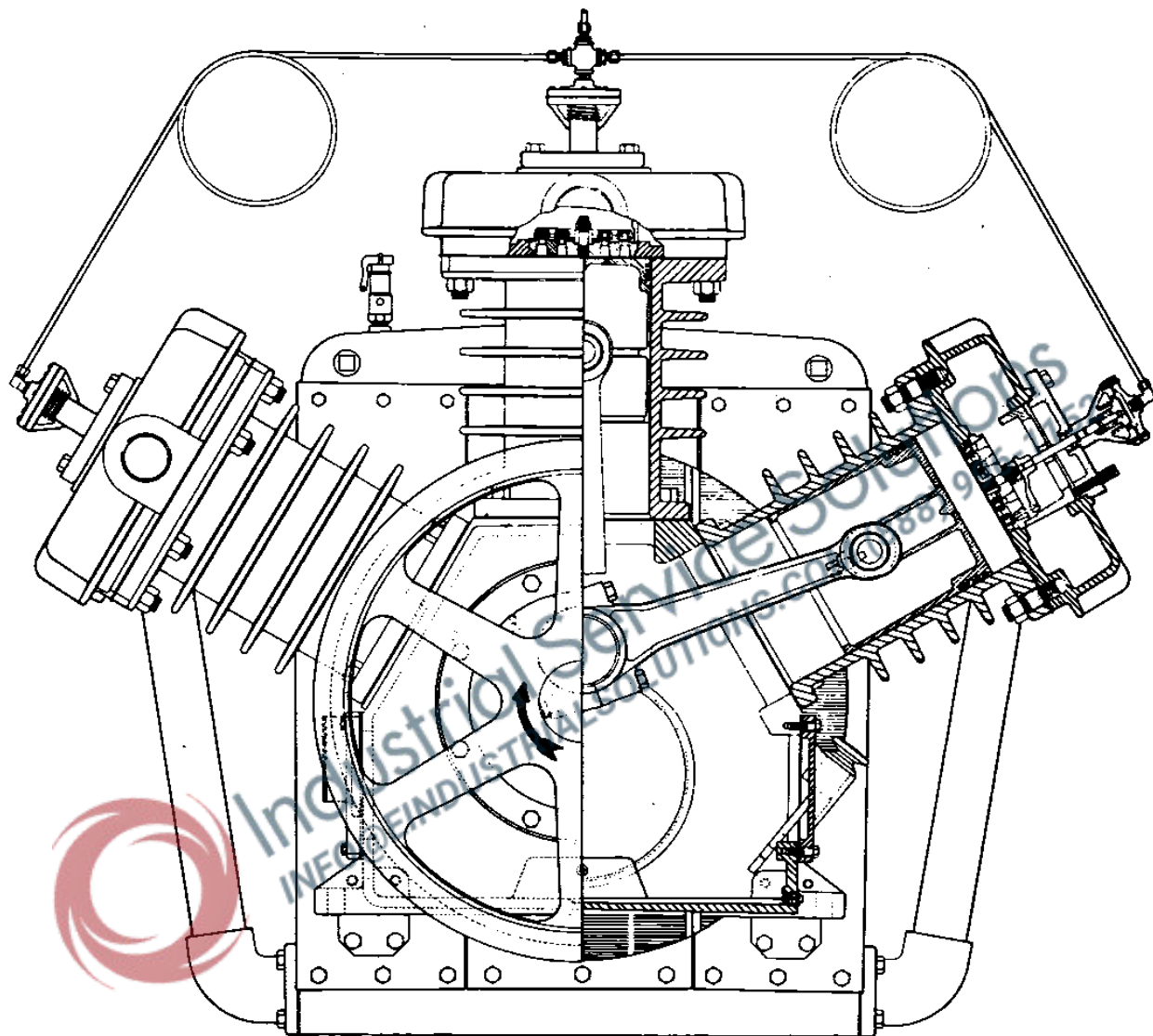


PARTS LIST
CURTIS AIR COMPRESSOR
MODEL C-100 TWO STAGE
SIZE: 7 ½" – 7 ½" - 6 ¼" X 5"
LOT NO. UP TO C10017



COUNTER-CLOCKWISE ROTATION
FACING FLYWHEEL

CURTIS-TOLEDO, INC.

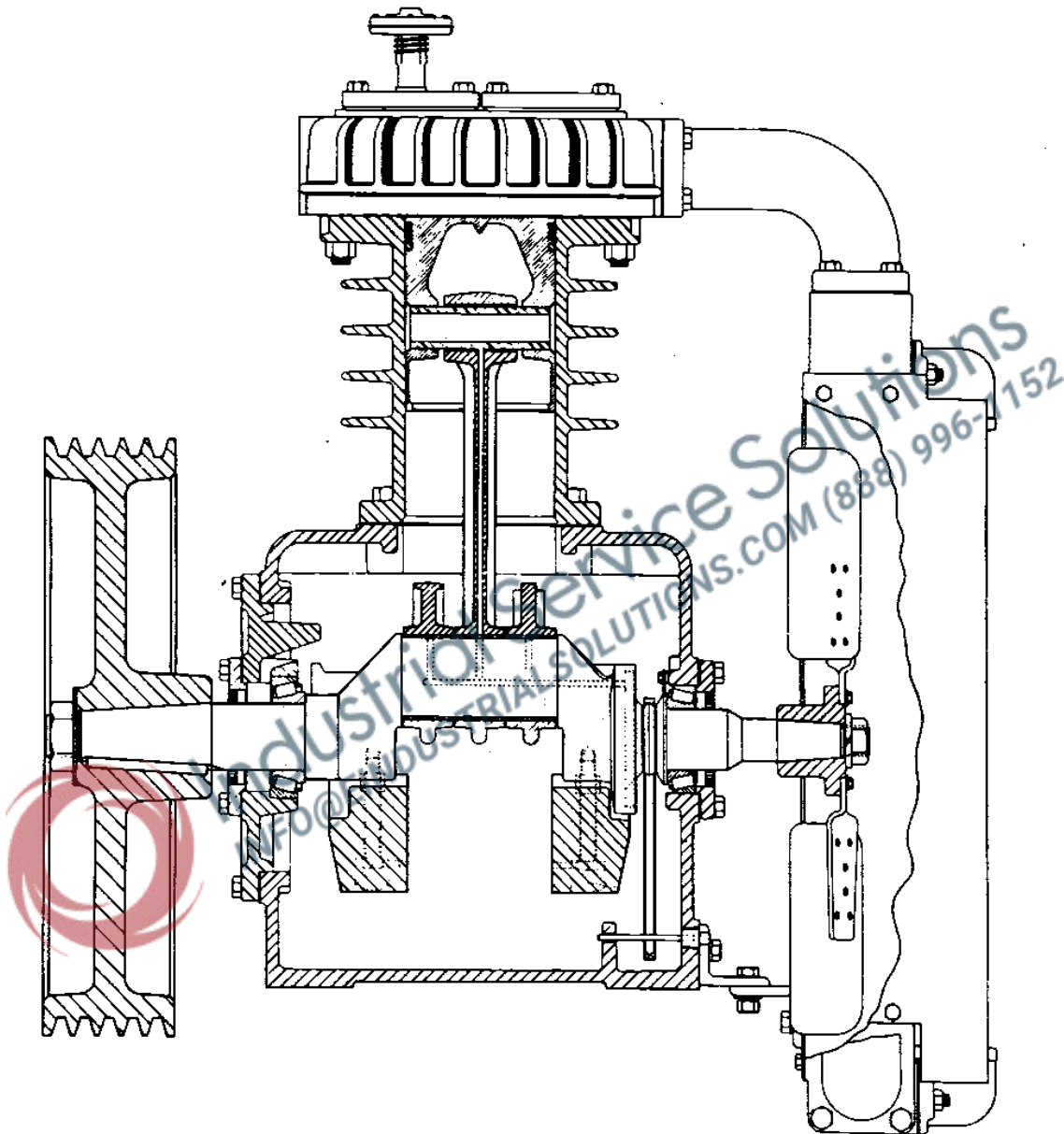
1905 Kienlen Avenue, St. Louis, Missouri 63133

(314) 383-1300 FAX: (314) 381-1439

EMAIL: curtiscomp@aol.com

Sales representatives in principal cities

PARTS LIST
CURTIS AIR COMPRESSOR
MODEL C-100 TWO STAGE



CURTIS-TOLEDO, INC.

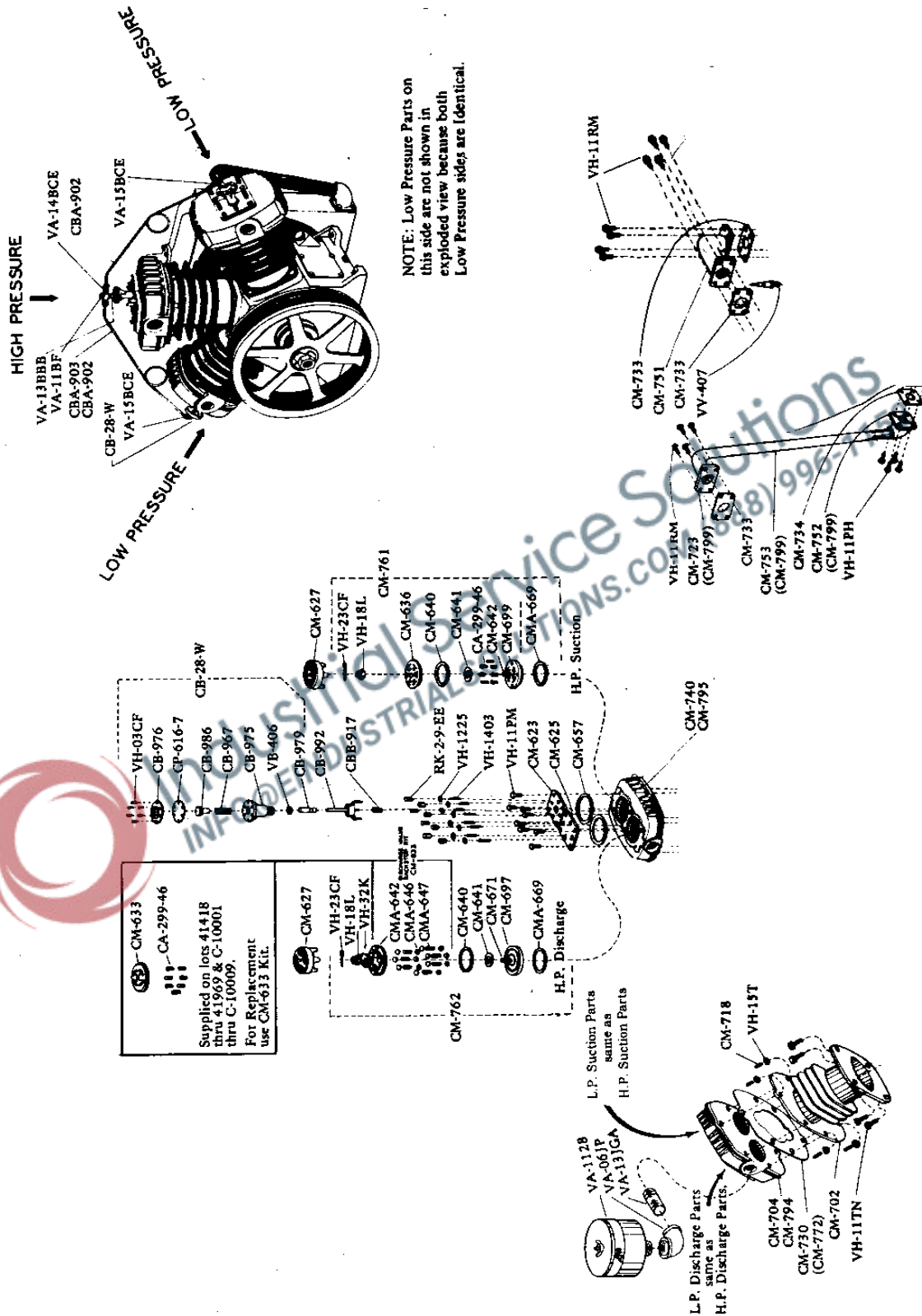
1905 Kienlen Avenue, St. Louis, Missouri 63133

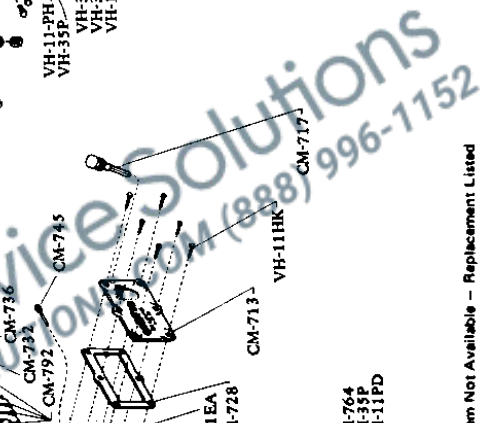
(314) 383-1300 FAX: (314) 381-1439

EMAIL: curtiscomp@aol.com

Sales representatives in principal cities

PARTS LIST
CURTIS AIR COMPRESSOR
MODEL C-100 TWO STAGE
SIZE: 7 1/2" - 7 1/2" - 6 1/4" X 5"





Give name and part number as shown and SERIAL NUMBER of compressor when ordering parts. Serial number appears on nameplate attached to crankshaft end plate on crankcase of compressor. Refer to MASTER PARTS PRICE LIST for prices.

PARTS LIST

CURTIS AIR COMPRESSOR

MODEL C-100 TWO STAGE

BODY PARTS		
PART NO.	NO. REQ'D.	DESCRIPTION
VH-01CC	4	Round Head Machine Screw, #10-32 x 3/8"
CM-663	1	Breather Cover (41753 thru 41969, C-10001 & Later)
CM-664	1	Breather Valve
CM-665	1	Gasket (Breather Cover)(41753 thru 41969, C-10001 & Later)
CM-701	1	Crankcase with Oil Cup
CM-702	2	Low Pressure Cylinder
CM-703	1	High Pressure Cylinder
CM-711	1	Large End Plate with Cup #r-641
CM-712	1	Side Door w/Breather Port**Furnish(1) CM-785,(2) CM-728, (1) CM-786, (1) CM-663 &(2) VH-01CC(41418 thru 41752)
CM-713	1	Side Door with Oil Filler Port
CM-714	1	Flywheel, 24-1/2"
CM-716	1	Fan Hub
CM-717	1	Oil Gauge
CM-718	18	Cylinder Head Stud, 3/4" x 3"
CM-719	1	Side Door Baffle with Shield(41418 thru 41752)
CM-727	1	Side Door Gasket(Breather)(41418 thru 41752)
CM-728	3	Side Door Gasket
CM-729	3	Crankcase Gasket
CM-730	3	Cylinder Head Gasket
CM-731	1	Large End Plate Gasket
CM-732	2	Small End Plate Gasket
CM-736	2	Small End Plate
CMA-724	1	23-1/2" Dia. - 6 Blade Fan
CM-744	1	Oiling Ring
CM-745	1	Oiling Ring Hold Down Pin
CM-750	1	Oil Ring Retainer (41418 thru 41523)
CM-764	1	Oil Diverter Assy (Furnish Instructions CM-771)(41524 thru 41969, C-10001 thru C-10011A)
CM-772	1	Gasket Set
CM-773	1	Oil Ring Retainer (41662 thru 41969,C-10001 & Later)
CM-785	1	Side Door with Breather Port
CM-786	1	Side Door Baffle **Furnish CM-796(41753 thru 41929)
CM-792	1	Shim Set
CM-796	1	Side Door Baffle (41753 thru 41969, C-10001 & Later)
CMA-714	2	Spacer (Oil Ring Retainer)(C-10012 & Later)
CX-3-M	1	Flywheel Key, 5/8" Square x 5 1/8" Lg.
CX-9-AJ	1	Flywheel Lockwasher
CX-9-BC	1	Hex Half Nut, 1 3/4"-NF (Flywheel)
VH-35H	6	Kantlink Lockwasher, 5/16" (Fan)
VH-01FD	7	Button Head mach. Scr. 1/4"-NC x 1/2" (41418 thru 41752)
VH-11HF	6	Hex Head Cap Screw, 5/16"NC x 3/4" (Fan)
VH-35F	7	Kantlink Lockwasher, 1/4"
VH-11FF	2	Hex Head Cap Screw, 1/4"NC x 3/4" (Oil Ring Retainer)(C-10012 & Later)
VH-38F	2	Shakeproof Lockwasher, 1/4"
VH-35P	2	Kantlink Lockwasher, 1/2"
VH-12PK	8	Hex Head Cap Screw, 1/2"NC x 1 1/4"
VH-16Z	1	Hex Half Nut, 1-1/4"NC (Fan)
VA-01EA	1	Pipe Plug, 3/4"
VH-11FD	2	Hex Head Cap Screw, 1/4"NC x 1/2" (C-10011A & Earlier)
VH-11TN	12	Hex Head Cap Screw, 3/4"NC x 1 3/4"
VB-310	1	Garlock Closure (Flywheel End)
VB-307	1	Garlock Closure (Fan End)
VA-15DGE	1	Copper Tube Elbow, 1/2"MPT x 5/8" Tube (Breather)(41418 thru 41739)
VA-14DGE	1	Copper Tube Connector, 1/2"MPT x 5/8" Tube (Breather)(41418 thru 41739)
VH-11PD	2	Hex Head Cap Screw, 1/2"NC x 1/2" (Oil Diverter) (41524 thru 41969,C-10001 thru C-10011A)
VA-13JEA	2	Pipe Nipple, 2"PT x 3" Lg.
VA-06JF	2	90° Pipe Elbow, 2" IPT
VA-1128	2	Filter Silencer, 2"
VH-11HK	12	Hex Head Cap Screw, 5/16"NC x 1 1/4"
VH-38D	2	Shakeproof Lockwasher, #10 (Breather Valve)
VH-1106	1	Woodruff Key #15 (Fan)
VH-15T	18	Hex Nut, 3/4" NC (Cyl. Head)
VH-37Z	1	Kantlink Lockwasher, 1 1/4" (Fan)
VH-11PM	8	Hex Head Cap Screw, 1/2"NC x 1 1/2"
VA-1129	2	Filter Element

CONN. ROD & BEARINGS		
PART NO.	NO. REQ'D.	DESCRIPTION
CM-708	3	Connecting Rod**Furnish CM-760
CM-742	6	Connecting Rod Bushing (kit)
CM-743	3	Connecting Rod Bearing Set
CM-746	6	Connecting Rod Bolts, 5/8-18 x 4 3/4"
CM-760	3	Connecting Rod with Bushing & Bearing
VH-18Q	6	Castel Nut, 5/8" NF
VH-23DM	6	Cotter Pin, 1/8" x 1 1/2"
CM-778	3	Connecting Rod Bearing Set, Oversize for .001 Undersize shaft (For Service)

PISTONS - PINS		
PART NO.	NO. REQ'D.	DESCRIPTION
CM-629	2	Piston - LP Standard
CM-629-010	2	Piston - LP .010 Oversize
CM-629-030	2	Piston - LP .030 Oversize
CM-644	2	Piston Pin - LP
CM-645	2	Piston Pin Lock Screw - LP
CM-646	2	Lockwasher (Piston Pin) - LP
CM-687	2	Piston with Rings & Pin - LP Standard
CM-687-010	2	Piston with Rings & Pin - LP .010 Oversize
CM-687-030	2	Piston with Rings & Pin - LP .030 Oversize
CMA-720	1	Piston - HP Standard
CMA-720-010	1	Piston - HP .010 Oversize
CMA-720-030	1	Piston - HP .030 Oversize
CM-715	1	Piston Pin - HP
CM-789	1	Piston with Rings & Pin - HP Standard
CM-789-010	1	Piston with Rings & Pin - HP .010 Oversize
CM-789-030	1	Piston with Rings & Pin - HP .030 Oversize
CMA-701	1	Piston with Pin, Rings Rod & Bearings - HP
CMA-702	2	Piston with Pin, Rings Rod & Bearings - LP
VH-23HT	1	Cotter Pin, 1/4" x 3" (HP Piston)
VD-1106	1	Woodruff Key, #15 (HP Piston)

RINGS		
PART NO.	NO. REQ'D.	DESCRIPTION
CM-790	2	Piston Ring Set - LP Standard
CM-790-010	2	Piston Ring Set - LP .010 Oversize
CM-790-030	2	Piston Ring Set - LP .030 Oversize
CM-791	1	Piston Ring Set - HP Standard
CM-791-010	1	Piston Ring Set - HP .010 Oversize
CM-791-030	1	Piston Ring Set - HP .030 Oversize

CRANKSHAFT ASSEMBLY		
PART NO.	NO. REQ'D.	DESCRIPTION
CMA-719	1	Crankshaft with Oil Cup
CM-710	2	Counterweight
CM-746	4	Counterweight Bolt, 5/8"NF x 4 3/4"
CX-9-K	4	Counterweight Sleeve
VH-08FF	4	Hex Hollow Head CP Set Screw, 1/4"NC x 3/4"
VD-826	1	Roller Bearing Cone - 39585 - Fan End
VD-827	1	Roller Bearing Cone - 566 - Flywheel End
VD-824	1	Roller Bearing Cup - 39520 - Fan End
VD-828	1	Roller Bearing Cup - Flywheel End

PARTS LIST

CURTIS AIR COMPRESSOR

MODEL C-100 TWO STAGE

INTERCOOLER ASSEMBLY		
PART NO.	NO. REQ'D.	DESCRIPTION
CM-722	2	Intercooler Support **Furnish (1) CM-797, (2) CM-798, (2) VRF-81, (2) R-391, (2) O-CK-24, (2) R-382 (41418 thru 41918)
CM-723	2	Discharge Flange – LP Head **Furnish CM-799 LH Intercooler Tube Assembly or CMA-700 RH Intercooler (whichever is required)
CM-724	1	LH Intercooler Shroud Frame
CM-725	1	RH Intercooler Shroud Frame
CM-733	4	Flange Gasket
CM-734	2	Intercooler Inlet Gasket
CM-735	8	Intercooler Section Gasket
CM-738	1	Intercooler Top Header
CM-739	1	Intercooler Bottom Header
CM-747	4	Intercooler Section **Furnish CMA-713
CM-748	1	Intercooler Bottom Shroud Plate
CM-749	1	Intercooler Top Shroud Plate
CM-751	1	HP Suction Elbow
CM-752	2	Intercooler Inlet Elbow **Furnish CM-799 LH Intercooler Tube Assembly or CMA-700 RH Intercooler Tube Assembly (whichever is required)
CM-753	1	LH Intercooler Tube **Furnish CMA-799
CM-754	1	RH Intercooler Tube **Furnish CMA-700
CM-797	2	Intercooler Support Bracket (41919 thru 41969, C-10001 & Later)
CM-798	2	Intercooler Support Bracket, Compressor Side (41919 thru 41969, C-10001 & Later)
CM-799	1	LH Intercooler Tube Assembly
CMA-700	1	RH Intercooler Tube Assembly
CMA-705-A	24	Intercooler Tube (C-10009 & Later)
CMA-706	8	Header Plate (C-10009 & Later)
CMA-707	4	Top Header (Intercooler Section)(C-10009 & Later)
CMA-708	4	Bottom Header (Intercooler Section)(C-10009 & Later)
CMA-709	8	Side Frame (Intercooler Section)(C-10009 & Later)
CMA-713	4	Intercooler Section Assembly (Kit)
VH-32P	2	Cut Washer, ½" (41919 thru 41969, C-10001 & Later)
CH-38F	48	Shakeproof Lockwasher, ¼" (C-10009 & Later)
VH-35P	8	Kantlink Lockwasher, ½"
VH-12PK	16	Hex Head Cap Screw, 1/2" NC x 1 1/4"
VH-15P	2	Hex Nut, ½"NC (41919 thru 41969, C-10001 & Later)
VV-513	1	Weatherhead Drain Cock, 1/8"
VH-11KD	24	Hex Head Cap Screw, 3/8" NC x ½"
VH-11RM	16	Hex Head Cap Screw, 5/8" NC x 1 ½"
VA-01GA	2	Pipe Plug, 1 ¼"
VH-11PH	16	Hex Head Cap Screw, ½" NC x 1"
VH-12FE	12	Hex Head Cap Screw, ¼"NC x 5/8"HT (C-10009 & Later)
VB-404	48	O-Ring #17107A (C-10009 & Later)
VH-11PM	2	Hex Head Cap Screw, ½"NC x 1 ½"
VV-407	1	Pop Valve, Knuckle, ½" NPT – 70#
VH-12FD	4	Hex Head Cap Screw, ¼-20 x ½"

CYLINDER HEAD ASSEMBLY		
PART NO.	NO. REQ'D.	DESCRIPTION
CA-299-46	21	Suction Valve Spring-LP & HP (also used for Discharge Valve Spring C-10009 & earlier)
CM-623	3	Suction Valve Cover Plate – LP & HP
CM-625	3	Discharge Valve cover Plate – LP & HP
CM-627	3	Spacer – LP
CM-633	3	Discharge Valve Backstop Kit – LP (41418 thru 41969, C-10001 thru C-10009)
CM-636	3	Suction Valve Seat – LP & HP
CM-640	6	Valve Disc - LP & HP
CM-641	6	Valve Disc - LP & HP
CM-657	6	Valve Cover Plate Gasket – LP & HP
CM-697	3	Discharge Valve Seat with Stud
CM-699	3	Suction Valve Backstop with Stud
CM-704	2	Cylinder Head – LP for 41418 thru 41739, Breather Opening must be Tapped for ½ Pipe Thread, For 41740 & Larger, furnish as stocked.
CM-740	1	Cylinder Head – HP
CM-761	3	Suction Valve Assembly – LP & HP
CM-762	3	Discharge Valve Assembly – LP & HP
CM-794	2	Cylinder Head Assembly with Gasket – LP
CM-795	1	Cylinder Head Assembly with Gasket – HP
CMA-642	3	Discharge Valve Backstop – LP & HP (C-10010 & Later)
CMA-646	42	Valve Spring Button – LP & HP (C-10010 & Later)
CMA-647	21	Discharge Valve Spring – LP & HP (C-10010 & Later)
VH-23CF	6	Cotter Pin, 3/32" x ¾"
RK-2-9-E	24	Stud Nut
VH-1225	24	Solid Copper Washer, 25/64" x 9/16" x .051
VH-1403	24	Hex Hollow Hd. Flat Point Set Screw, 3/8"NC x 2"
VA-01DA	1	Pipe Plug, ½"
VH-18L	6	Castel Nut, 7/16"NF
VH-11PM	24	Hex Head Cap Screw, ½"NC x 1 ½"
VH-32K	3	Flat Washer, 3/8"
CMA-669	6	Copper Valve Gasket – HP & LP ID, 4.846OD x 5.070 x .032 Thk.

AIR PRESSURE UNLOADER		
PART NO.	NO. REQ'D.	DESCRIPTION
CA-299-48	3	Spring
VV-1001	1	Air Pressure Unloader Pilot (not shown)
CB-28-W	3	Unloader Diaphragm Assembly, 40#
CB-967	3	Lower Cylinder Spring
CB-975	3	Unloader Diaphragm Body
CB-976	3	Unloader Diaphragm Cap
CB-979	3	Grooved Unloader Pin
CB-986	3	Unloader diaphragm Piton Assembly, 40#
CBB-917	3	Unloader Fork
CBA-902	1	Unloader Tube
CBA-903	1	Unloader Tube**Furnish CBA-902
CP-616-7	3	Unloader Diaphragm
VH-03CF	18	Fillister Head Machine Screw,#10-32 x ¾"
VA-14BCE	2	Copper Tube Connection, ¼"MPT x ¼" OD Tube
VA-13BB	1	Short Nipple, ¼" IPT
VB-406	1	"O" Ring
VA-11BA	1	Cross ¼"IPT
VB-406	1	"O" Ring
VA-15BCE	2	Copper Tube Elbow, ¼"MPT x ¼" OD Tube