

A	B	C	D
PART #	THICKNESS	APPLICATION	LOCATION
1			
2	05GAS02213	06D	SIDE BANK NO UNLOADING
3	05GAS02223	06D	SIDE BANK (SUCTION CUT OFF UNL)
4	05GAS02183	06D	SIDE BANK (HOT GAS BYPASS UNL)
5	05GAS02173	06D	CENTER BANK
6			
7	06DA500153	06D	VALVE PLATE 2" BORE (STANDARD)
8			
9	06EA503304	06E	CYL HEAD SIDE BANK NO UNLOADING
10	06EA503334	06E	CYL HEAD SIDE BANK SUCTION CUT OFF UNL
11	06EA503314	06E	CYL HEAD SIDE BANK HOT GAS B/P UNL
12	06EA503314	06E	CYL HEAD CENTER BANK STD OR REV
13			
14	06EA501853	06ER - 06EY	HI EFF LOW TEMP VALVE PLATE GASKET
15	06ER660012	06ER / 06EY	HI EFF LOW TEMP VALVE PLATE GASKET
16	06ER660012	06ER / 06EY	LOW TEMP VALVE PLATE GASKET OLD STYLE
17	06EA504884	06EM / 06EZ	HI EFF MED TEMP VALVE PLATE GASKET
18	06EA504884	06EA / 06ET	HI EFF HI TEMP VALVE PLATE GASKET
19	06EA501153	06ER / 06EY	VALVE PLATE OLD OLD STYLE, LO TEMP
20	06EA501153	06EM / 06EZ	VALVE PLATE, MED TEMP GASKET, OLD STYLE
21	06EA504884	06EA / 06EX	VALVE PLATE GASKET MED & HI TEMP H.E.
22			
23	06EA506414	06EA/EM/ET/EX	VALVE PLATE GASKET NEW STYLE (H.E.)
24			
25	06EA660104	06ER/EM	SUCTION REED OLD STYLE
26	06EA500153	06ER / 06EM	SUCTION REED NEW STYLE
27	06EA500153	06EA	SUCTION REED NEW AND OLD STYLE
28	06EA504984	06EA / 06EM	SUPPORT VALVE STOP R.H.
29	06EA504994	06EA / 06EM	SUPPORT VALVE STOP L.H.
30	06EA501563		SUCTION VALVE BACKER
31			
32	06EA660025	06ER / 06EM	PISTON FLAT TOP NO STEPS (OLD STYLE)
33	06ER660013	06ER	PISTON CONTURED ONE STEP
34	06EA500131	06EM / 06EA	PISTON CONTURED TWO STEP
35	06EA660109	06EA / 06EM	PISTON CONTURED TWO STEP
36	06ER660014	6.00E-165	PISTON CONTURED ONE STEP

06D/E/CC Valve plates/Gaskets

06D COMPRESSORS						10/3/2000
06DA, DM, DX, DS	Valve plate Kit (note 1)	Valve plate Gasket (note 4)		Head Gasket (note 4)		
		Old Style	New Style	Old Style	New Style	
Suction Cut-Off	06DA660120	6D43-1073	05DA500153	06DA504594	05GA502223	
Bypass	06DA660131	6D43-1073	05DA500153	6D75-2672	05GA502183	
Center Head	06DA660120	6D43-1073	05DA500153	6D68-1053	05GA502173	
Side Head	06DA660120*	6D43-1073**	05DA500153**	6D40-1053	05GA502213	
06DR						
Suction Cut-Off	06DA660094	6D43-1073	05DA500153	06DA504594	05GA502223	
Bypass	---	---	---	---	---	
Center Head	06DA660094	6D43-1073	05DA500153	6D68-1053	05GA502173	
Side Head	06DA660094*	6D43-1073**	05DA500153**	6D40-1053	05GA502213	
<p>* Use these valve plates for current high efficiency 06DR/DM 13 and 16 cfm compressors w/ 2" cylinder bore indicated by number "3" in the 11th digit of the model number. For older 13 & 16 cfm compressors (prior to 1986 w/1.81" bore), valve plates are no longer available. Suction reed 6D45-1072 and discharge reed 6D75-1082 are available for repairs.</p> <p>** Use these gaskets for current high efficiency model 06DR013/06DM313 compressors w/ 2" cylinder bore, indicated by number "3" in fourth position from end of model number. For older compressors, 1.81" bore, use 6D40-1073 valve plate gasket.</p> <p>** Use these gaskets for current high efficiency model 06DR316/06DM316 compressors indicated by number "3" in fourth position from end of model number. Use special blank-off gasket 06DA502923 on old standard models with suction valve at oil pump end and using high efficiency valve plates.</p>						
06E COMPRESSORS						
06EX	Valve plate Kit	Valve plate Gasket (note 2&3)		Head Gasket (note 3)		
		Old Style	New Style			
Suction Cut-Off	06EA660137	06EA504884	06EA506414	06EA503334		
Bypass	06EA660105	06EA504884	06EA506414	06EA503314		
Center Head	06EA660137	06EA504884	06EA506414	06EA503314		
Side Head	06EA660137	06EA504884	06EA506414	06EA503304		
06EA, EM, EZ, ET						
Suction Cut-Off	06EA660137	06EA504884	06EA506414	06EA503334		
Bypass	---	---	---	---		
Center Head	06EA660137	06EA504884	06EA506414	06EA503314		
Side Head	06EA660137	06EA504884	06EA506414	06EA503304		
06ER, EY						
Suction Cut-Off	06EA660143	06EA501853		06EA503334		
Bypass	---	---		---		
Center Head	06EA660143	06EA501853		06EA503314		
Side Head	06EA660143	06EA501853		06EA503304		
06CC, CY COMPRESSORS						
06CC16-37cfm	Valve plate Kit	Valve plate Gasket (note 4)		Head Gasket		
High Stage, (note 8)	06DA660130	05DA500153		05GA502213		
Low Stage, (note 5,7)	06CY660002	05DA500153		05GA502213		
06CC 50-99cfm						
High Stage	06EA660137	06EA504884	06EA506414	06EA503304		
Low Stage, (note 5,6)	06EA660159	06EA504884	06EA506414	06EA503304		
<p>Note 1 - Valve plate kits include required hardware for mounting plus the following valve plates: Kit 06DA660120, valve plate 06DA404674, medium temp. & A/C duty. Kit 06DA660094, valve plate 06DA404804, refrig. duty with surfaces machined over disch. ports. Kit 06EA660137, valve plate 06EA404944, medium temp. & A/C duty with 4 discharge ports. Kit 06EA660143, valve plate 06EA405274, refrig. duty with 2 discharge ports.</p> <p>Note 2 - 06EA503314, 503334 & 506414, with suction valves, available in suction valve pkg. 06EA660104.</p> <p>Note 3 - 06EA501853, with suction valves, available in suction valve package 06ER660012.</p> <p>Note 4 - 05DA500153 & 05GA502213 (2 ea.), with suction valves, available in suction valve pkg. 06CY660001.</p> <p>Note 5 - These valve plates must be used on 06CC compressors after S/N 0495J01119 (16 thru 37 CFM) and 5194J00703 (50 thru 99 CFM).</p> <p>Note 6 - 06EA660159 incorporates a relief valve. While new production compressors will use two types of new valve plate assemblies, Carlyle will standardize on the 06EA660159 low stage valve plate for service. This service part will replace both side and center low stage bank valve plates.</p> <p>Note 7 - 06CY660002 incorporates two valve plates and related gaskets. It replaces the 06DA660132 kit.</p> <p>Note 8 - 06DA660130 valve plate kit incorporates 0.018" valve. The 06DA660120 A/C valve plate is also acceptable (0.015").</p>						

V. 06ER/M/A Parts Comparison High Efficient vs. Standard Version

06ER/M/A PARTS	"ER"		"EM"		"EA"	
	"HIGH EFF. 06ER: 150,165, 175 & 099	STD. VER. 06ER: 150,166, 175 & 099	"HIGH EFF. 06EM: 150,175 & 199	STD. VER. 06EM: 150,266, 175 & 199	"HIGH EFF. 06EA: 250,265, 275 & 299	STD. VER. 06EA: 250,265, 275 & 299
"Service" Valve Plate Package	06EA- 660143	06EA- 660066	06EA- 660137	06EA- 660070	06EA- 660137	06EA- 660106
Suction Reed Valve .031"		X		X		
Suction Reed Valve .025"	X		X		X	X
Suction Backer Pl. .025"			X		X	X
Valve Plate Gasket .028/.036	X					
Valve Plate Gasket .035/.041		X		X		
Valve Plate Gasket .067/.072			X		X	X
Piston/ Flat Top No Steps		X		X		
Piston/ Contoured One-Step	X					
Piston/ Contoured Two-Step			X		X	X
Valve Plate Ear(s)*	(1) Elongated	(2) Rounded	(1) Elongated	(1) Rounded	(1) Elongated	(1) Rounded

*Visual description of ears or tabs on the outer edge of the valve plate.

NOTE: "EX" service replacement compressors can be built with either flat top or 2-step pistons.

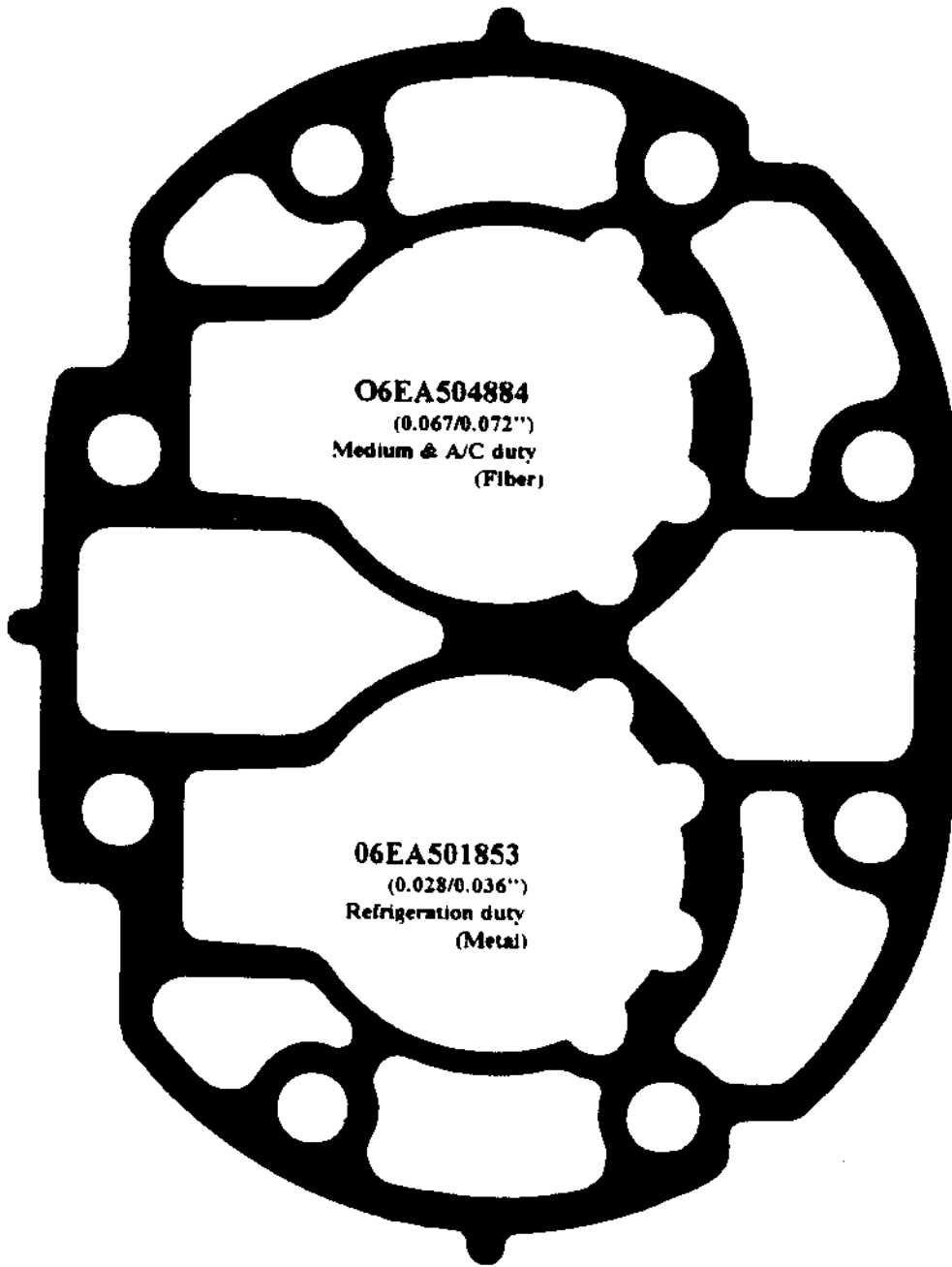
COMPRESSOR	REPLACEMENT VALVE PLATE PACKAGE
<u>New H.E. 06ER</u> Models "After" S/N 2287J _____	<u>06EA660143</u> H.E. Valve Plate Package for L.T. —OR— as Substitute <u>06EA660066</u> Old Std. Valve Plate Package for L.T.
<u>Old Std. 06ER</u> Models "Before" S/N 2287J _____	<u>06EA660143</u> H.E. Valve Plate Package for L.T. —OR— as Substitute <u>06EA660066</u> Old Std. Valve Plate Package for L.T. Old Std. 06ER models only can continue to use old std. L.T. valve plate package 06EA660066 until supply is exhausted.
<u>New H.E. 06EM</u> Models "After" S/N 0786J _____	<u>06EA660137</u> H.E. Valve Plate Package for M.T. & A.C. —OR— as Substitute <u>06EA660106</u> Old Std. Valve Pl. Package for A/C "DO NOT USE" existing valve plate package 06EA660070 on new H.E. models. See Caution Note!
<u>Old Std. 06EM</u> Models "Before" S/N 0786J _____	<u>06EA660137</u> H.E. Valve Plate Package for M.T. & A.C. —OR— as Substitute <u>06EA660106</u> Old Std. Valve Plate Package for A/C Old Std. 06EM models only can continue to use old std. M.T. valve plate package 06EA660070 until supply is exhausted. See Caution Note!
<u>New H.E. 06EA</u> "OR" <u>Old Std. 06EA</u>	<u>06EA660137</u> H.E. Valve Plate Package for M.T. or A/C —OR— as Substitute <u>06EA660106</u> Old Std. Valve Plate Package for A/C

* **Note**

*Both of these service replacement packages have a .070" thick fiber valve plate gasket designed to be used with the new 06EM & 06EA high efficiency suction valve plus backer (looks like half a suction valve) and new contoured piston.

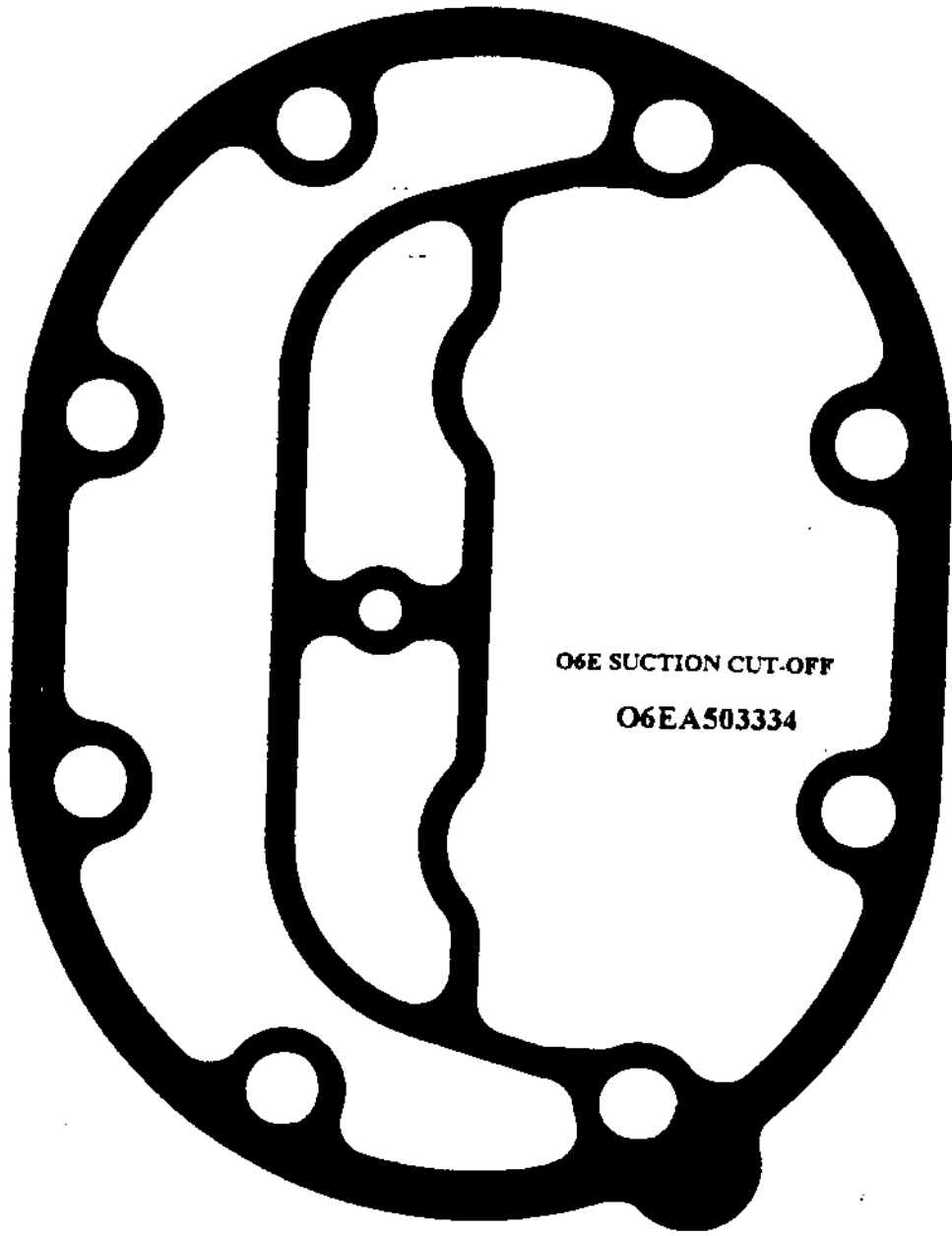
CAUTION!

Do not use the old 06EA660070 service replacement valve plate package on these new high efficiency 06EM compressors. This valve plate package was for 06EM compressors produced prior to S/N 0786J _____. It contains a .040" thick steel core valve plate gasket and a single .031" suction valve. Using this replacement package on the new 06EM high efficiency compressors produced after S/N 0786J _____ can cause interference (knocking) between the contoured piston and the suction valve.



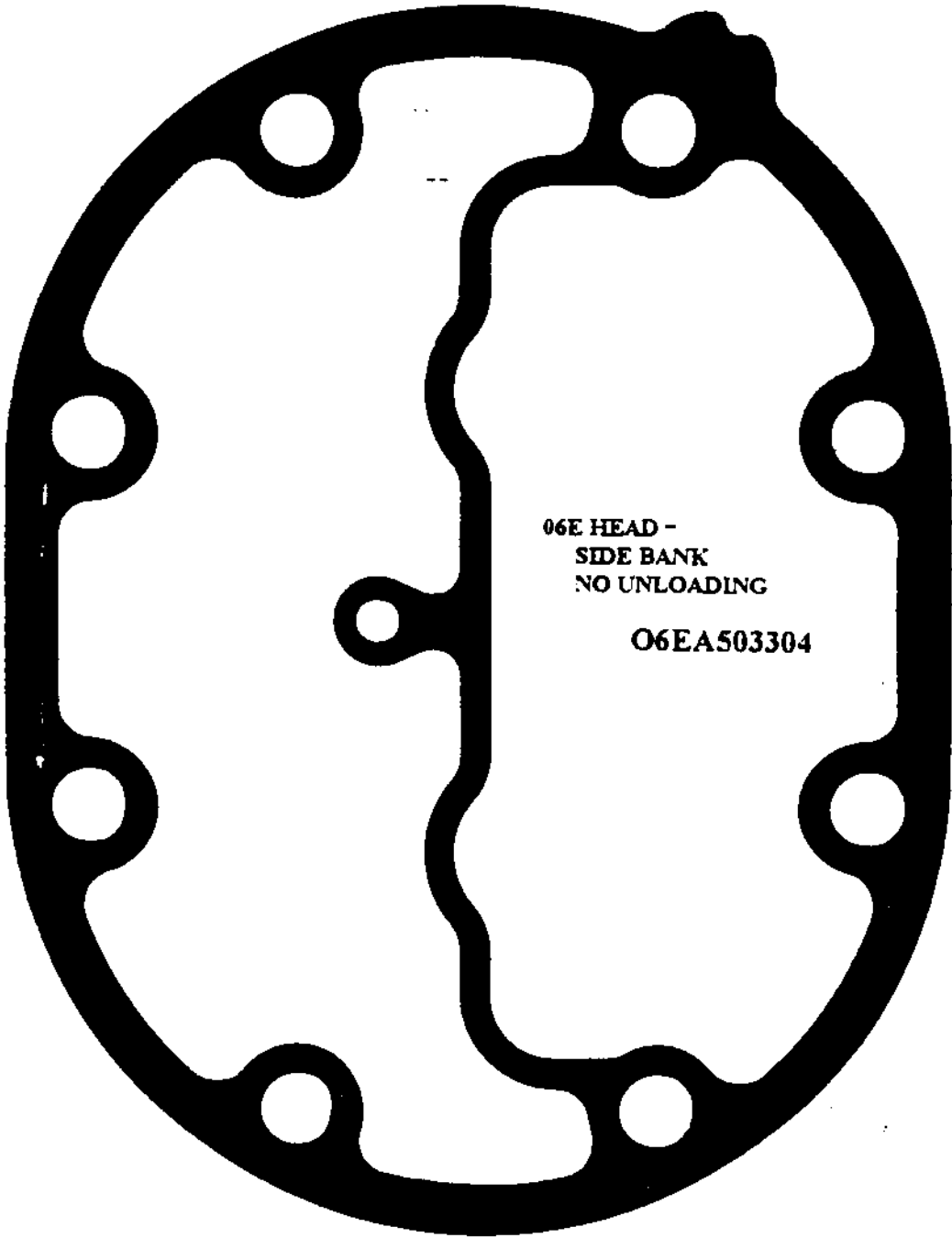
06EA504884
(0.067/0.072")
Medium & A/C duty
(Fiber)

06EA501853
(0.028/0.036")
Refrigeration duty
(Metal)



O6E SUCTION CUT-OFF

O6EA503334



06E HEAD -
SIDE BANK
NO UNLOADING

06EA503304