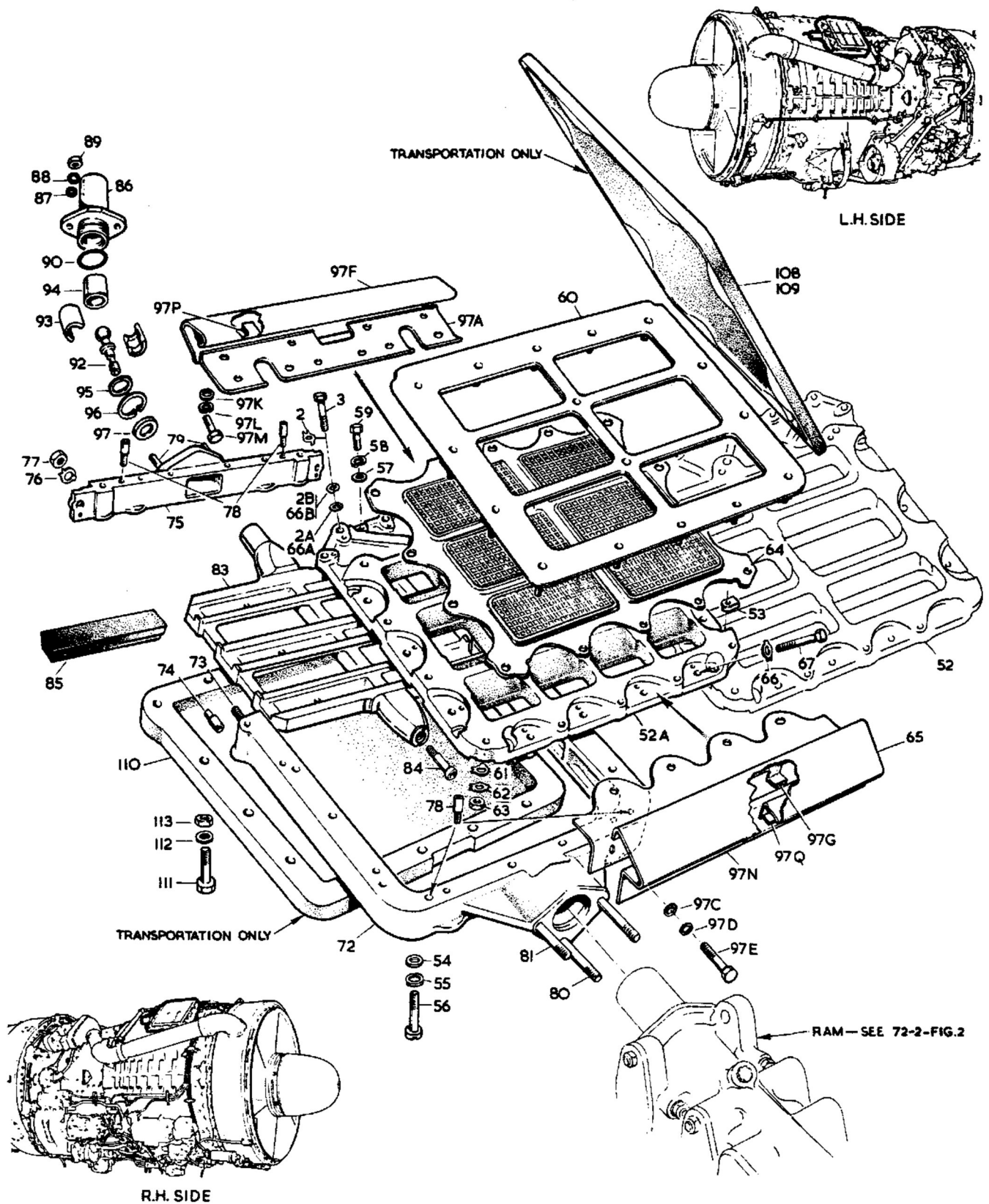


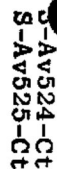


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Figure 1 Compressor Bleed Valves

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
-1	-	Valve Assembly-Compressor bleed, with ram (Mod.2453, Pre-Mod.2743) (Mod.2743, Pre-Mod.3334) (Mod.3334, Pre-Mod.3437) (Mod.3437)	-		2
	BR43855AS				
	BR54881AS				
	BR72346AS				
	BR76261AS				
		ATTACHING PARTS			
1-2	KB7106	Washer-Tab (Pre-Mod.3334)	Stbr		16
1-2A	K8833	Washer-Plain (Mod.3334)	Stbr		16
1-2B	K11404	Washer-Spring (Mod.3334)	S/SW		16
1-3	BA94902	Screw-Hex.hd. * * *	NMC		16
-4	-	. Ram Assembly-Compressor bleed valve (Mod.2453, Pre-Mod.2743) (Mod.2743)	-		Ref
	BR43856A				
	BR54890A				
		ATTACHING PARTS			
2-5	K8833	. Washer-Plain	Stbr		3
2-6	KJ4508	. Washer-Spring, grover	S/CS		3
2-7	KJ4310	. Nut-Lock, ram body * * *	S/MC		3
-8	-	. . Body Assembly-Bleed valve ram (Pre-Mod.2743) (Mod.2743)	-		1
	BR4298A				
	BR28392A				
2-9	-	. . . Body (Pre-Mod.2743) (Mod.2743)	A/C		Ref
	BR4299				
	BR28393				
	-	. . . Insert-Securing screw Nominal .002" o/s. (ARS.3100) .004" o/s. (ARS.3100) .0625" o/s. (ARS.3358)	S/SFM		
	KB6802				
	KB6802P				
	KB6802E				
	GP3833				
2-10		Change pressure connection blanking plate			2AR
2-11		Change pressure H.P. and L.P. connection			8AR
2-12		Drain connection blanking plate L.H. ram			1AR
2-13		Drain connection			3AR
2-14		H.P. and L.P. connection blanking plate L.H. ram			2AR

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
2-15	-	. . . Stud-End cover retaining nuts locking plate Nominal	S/NTV		1AR
	D35413	.002" o/s. (ARS.3000)			
	D35413P	.004" o/s. (ARS.3000)			
2-16	KL7255	. . . Plug-Sealing, fuel drilling	S/ML		2
2-17	BA88094	. . Plate-Locking, operating piston bearing sleeve end cover retaining nut	S/CNT		1
		ATTACHING PARTS			
2-18	BA88095	. . Pin-Distance	S/MN		1
2-19	KJ4506	. . Washer-Spring, grover	S/CS		1
2-20	KJ4307	. . Nut-Lock * * *	S/MC		1
2-21	BA88095	. . Piece-Distance, operating piston bearing sleeve end cover retaining nut locking plate	S/MN		1
2-22	BA88064	. . Cover-End, operating piston bearing sleeve	S/M		1
		ATTACHING PART			
2-23	BA88065	. . Nut-External, slotted * * *	S/NTV		1
R 2-24	KB16228	. . Ring-Sealing, rubber, .986" i/dia. x .103" thick, operating piston bearing sleeve end cover	PE/FK		1
	BA96146	. . Sleeve-Bearing, operating piston	BZ/AF		1
R 2-26	KB16234	. . Ring-Sealing, rubber, 1.0171" i/dia x .103" thick, operating piston bearing sleeve	PE/FK		3
2-27	BA96138	. . Piston-Bleed valve operating	S/S		1
		ATTACHING PARTS			
2-28	BA61723	. . Washer-Cup, inside	S/CNT		1
2-29	BA61722	. . Nut-Special * * *	S/NTV		1
R 2-30	KB16208	. . Ring-Sealing, rubber, .363" i/dia. x .103" thick, operating piston	PE/FK		1
2-31	BA82070	. . Ring-Sealing, split, operating piston	I/CRM		2

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
2-32	KB14021	. . Circlip-'Seeger', internal, ram body	S/CS		1
2-33	-	. . Washer-Adjusting, ram body seal	S/MN		1AR
	BA62133	.050" thick)			
	BA62134	.059" thick)			
	BA62135	.068" thick)			
	BA62136	.077" thick)			
	BA62137	.086" thick)			
2-34	BA61724	. . Ring-Retaining, ram body outer seal	S/NTV		1
2-35	BR42779	. . Seal-Outer, ram body (Mod.2453)	PE/FK		1
2-36	-	. . Washer-Plain, ram body inner seal retaining ring (Pre-Mod.2743) (Mod.2743)	S/MN		1
2-37	BA61726	. . Ring-Retaining, ram body inner seal	S/NTV		1
2-38	BR42780	. . Seal-Inner, ram body (Mod.2453)	PE/FK		1
2-38A					
2-39	KB14011	. . Circlip-'Seeger', internal, operating piston ball pin	S/CS		1
2-40	-	. . Washer-Adjusting, operating piston ball pin	S/MN		1AR
	BA61730	.059" thick)			
	BA61731	.060" thick)			
	BA61732	.061" thick)			
	BA61733	.062" thick)			
	BA61734	.063" thick)			
	BA61735	.064" thick)			
	BA61736	.065" thick)			
	BA61737	.066" thick)			
	BA61738	.067" thick)			
	BA61739	.068" thick)			
	BA61740	.069" thick)			
	BA61741	.070" thick)			
2-41	BA53036	. . Pin-Ball, operating piston	S/S		1
2-42	BA53037	. . Bush-Split, operating piston ball pin	BZ/AF		1 Pr
2-43	BA96140	. . Rod-Connecting, operating piston ball pin	S/S		1
2-44	KB14015	. . Circlip-'Seeger', internal, operating piston ball pin connection rod wiper carrier	S/CS		1
2-45	BA87482	. . Wiper-Cleaning operating piston ball pin connecting rod	Felt		1
2-46	-	. . Carrier-Operating piston ball pin connecting rod wiper (Pre-Mod.2743) (Mod.2743)	S/MN		1
	BR540				
	BR28394				

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PARTS CATALOGUE

SECTION V

ENGINE -

COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
2-47	BR42780	. . Seal-Inner, ram body (Mod.2453)	PE/FK		1
2-48	BA87483	. . Ring-Seating, ram body inner seal	S/NTV		1
2-48A	BA53035	. Washer-Cup	S/CNT		1
2-49	BA53039	. Ring-Sealing, rubber, 1.025" i/dia. x .100" thick, operating piston ball pin bearing housing	SE/MP		1
2-50	BA88091	. Housing-Bearing, operating piston ball pin	BZ/AF		1
2-51	-	. Plate-Adjusting, ram bodies to operating piston ball pin bearing housing	S/MD		1AR
	BA88071	.038" thick)			
	BA88072	.043" thick)			
	BA88073	.048" thick)			
	BA88074	.053" thick)			
	BA88075	.058" thick)			
	BA88076	.063" thick)			
	BA88077	.068" thick)			
	BA88078	.073" thick)			
	BA88079	.078" thick)			
	BA88080	.083" thick)			
	BA88081	.088" thick)			
	BA88082	.093" thick)			
	BA88083	.098" thick)			
	BA88084	.103" thick)			
	BA88085	.108" thick)			
	BA88086	.113" thick)			
	BA88087	.118" thick)			

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
R	-	. Cover-Bleed valve slide	A/CHT		1
R 1-52	BR18862	(Pre-Mod.3437)	A/CHT		
R 1-52A	BR75546	(Mod.3437)	A/CHT		
		ATTACHING PARTS			
1-53	BR18864	. Plate-Tapped	S/MC		4
1-54	K8831	. Washer-Plain	Stbr		4
1-55	KJ4506	. Washer-Spring, grover	S/CS		4
1-56	BR18863	. Screw-Ch.hd.	S/M		4
1-57	K8831	. Washer-Plain	Stbr		2
1-58	KJ4506	. Washer-Spring, grover	S/CS		2
1-59	KM172	. Screw-Hex.hd.	S/NTV		2
		* * *			
R 1-60	-	. Plate Assembly-Bleed valve matrix retaining	-		1
R	BR18859A	(Pre-Mod.3234)			
R	BR51383A	(Mod.3234)			
R -60A	BR66574	. . Stud (ARS.3347, Pre-Mod.3234)			32AR
		ATTACHING PARTS			
1-61	BA95446	. Washer-Tab	Stbr		5
1-62	KB7106	. Washer-Tab	Stbr		11
1-63	KJ4310	. Nut-Lock	S/MC		16
		* * *			

COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
1-64	BA86378	. Matrix Assembly-Bleed valve	-		1
1-65	BR27231A	. Plate Assembly-Mounting, bleed valve A/C. sealing (Mod.2268)	-		1
		ATTACHING PARTS			
1-66	KB7106	. Washer-Tab (Pre-Mod.3334)	Stbr		10
1-66A	K8833	. Washer-Plain (Mod.3334)	Stbr		10
1-66B	KL1404	. Washer-Spring (Mod.3334)	S/SW		10
1-67	BA94902	. Screw-Hex.hd., mounting plate, cover and frame to compressor casing * * *	NMC		10
-68	BR18857A	. Frame Assembly-Bleed valve slide (Pre-Mod.2019)	-		1
-69	BA88056A	. Cover Assembly-End, bleed valve slide (Pre-Mod.2019)	-		1
-70	BR26190A	. Frame Assembly-and End Cover, bleed valve slide (Mod.2019)	-		1
-71	BR18856A	. . . Frame Assembly-Machining (Mod.2019)	-		Ref
1-72	BR18858	 Frame	A/C		Ref
1-73	-	 Stud-End plates	S/NTV		2AR
	KL3252	Nominal			
	KL3252P	.002" o/s. (ARS.3000)			
	KL3252E	.004" o/s. (ARS.3000)			
1-74	BA53043	 Dowel-Locating, end plates	S/S		2
1-75	BA88057	 Plate-End	A/C		Ref
		ATTACHING PARTS			
1-76	KB7106	 Washer-Tab	Stbr		2
1-77	KJ4310	 Nut-Lock * * *	S/MC		2
1-78	-	. . . Insert-Slide cover securing screws	S/NTV		4AR
	BA39922	Nominal			
	BA39922P	.002" o/s. (ARS.3100)			
	BA39922E	.004" o/s. (ARS.3100)			
1-79	-	. . . Stud-Ball, pins bearing housings	S/NTV		2AR
	KL3252	Nominal			
	KL3252P	.002" o/s. (ARS.3000)			
	KL3252E	.004" o/s. (ARS.3000)			
1-80	-	. . . Stud-Ram body	S/NTV		1AR
	KL3259	Nominal			
	KL3259P	.002" o/s. (ARS.3000)			
	KL3259E	.004" o/s. (ARS.3000)			
1-81	-	. . . Stud-Ram body	S/NTV		2AR
	KL3264	Nominal			
	KL3264P	.002" o/s. (ARS.3000)			
	KL3264E	.004" o/s. (ARS.3000)			

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION							MATERIAL	USAGE CODE	UNITS PER ASSY
		1	2	3	4	5	6	7			
R -82	-	. Slide Assembly-Bleed valves							-		1
R BR8185A		(Pre-Mod.3437)									
R BR37008A		(Mod.3437)									
R 1-83	-	. . Slide							EXP.99		Ref
R BR8186		(Pre-Mod.3437)									
R BR37005		(Mod.3437)									
R 1-84	-	. . Insert-Ball pins							S/NTV		2AR
	BA70604	Nominal									
	BA70604P	.002" o/s. (ARS.3100)									
	BA70604E	.004" o/s. (ARS.3100)									
R 1-85	-	. Pad-Carbon, bleed valve slide							Morgan-ite		6
R BA61654		(Pre-Mod.3437)									
R BR37004		(Mod.3437)									
R 1-86	BA88058	. Housing-Bearing, bleed valve slide ball pin							BZ/AF		1
		ATTACHING PARTS									
1-87	K8833	. Washer-Plain							Stbr		2
1-88	KJ4508	. Washer-Spring, grover							S/CS		2
1-89	KJ4310	. Nut-Lock							S/MC		2
		* * *									
1-90	BA53039	. Ring-Sealing, rubber, 1.025" i/dia. x .100" thick, bleed valve slide ball pin bearing housing							SE/MP		1
-91	BR5371	. Pin Assembly-Ball, bleed valves slides							-		1
1-92	BA53036	. . Pin-Ball, bleed valve slide							S/S		1
1-93	BA53037	. . Bush-Split bleed valve slide ball pins							BZ/AF		1 Pr

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
1-94	BA53038	. . Sleeve-Bearing, slide ball pin	S/S		1
1-95	-	. . Washer-Adjusting, slide ball pin	S/MN		1AR
	BA61730	.059" thick)			
	BA61731	.060" thick)			
	BA61732	.061" thick)			
	BA61733	.062" thick)			
	BA61734	.063" thick)			
	BA61735	.064" thick)			
	BA61736	.065" thick)			
	BA61737	.066" thick)			
	BA61738	.067" thick)			
	BA61739	.068" thick)			
	BA61740	.069" thick)			
	BA61741	.070" thick)			
1-96	KB14011	. . Circlip-'Seeger', internal slide ball pin	S/CS		1
1-97	BA53035	. Washer-Cap, internal slide ball pin	S/CNT		1
1-97A	BR27237A	Plate Assembly-Mounting, L.H. bleed valve, A/C. sealing (Mod.2268)	-		1

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COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
-97B	BR27239A	Plate Assembly-Guide, L.H. bleed valve A/C sealing (Mod.2268)	-		1
1-97C	K8833	ATTACHING PARTS Washer-Plain (Mod.2268)	Stbr		4
1-97D	KJ4508	Washer-Spring (Mod.2268)	S/CS		4
1-97E	KM201	Screw-Hex.hd. (Mod.2268) * * *	S/N		4
1-97F	BR27240	. Plate (Mod.2268)	A/MN		Ref
1-97G	BR27235	. Pad-Guide plate, L.H. bleed valve, A/C sealing (Mod.2268)	N/GP		Ref
-97H	BR27233A	Plate Assembly-Guide, R.H. bleed valve, A/C sealing (Mod.2268)	-		1
1-97K	K8833	ATTACHING PARTS Washer-Plain (Mod.2268)	Stbr		4
1-97L	KJ4508	Washer-Spring (Mod.2268)	S/CS		4
1-97M	KM201	Screw-Hex.hd. (Mod.2268) * * *	S/N		4
1-97N	BR27234	. Plate (Mod.2268)	A/MN		Ref
1-97P	BR27235	. Pad-Guide plate, R.H. bleed valve A/C sealing (Mod.2268)	N/GP		Ref
1-97Q	BR27236	. Pad-Guide plate, R.H. bleed valve A/C sealing (Mod.2268)	N/GP		Ref
	KB16214	. Ring-Sealing, rubber, .548" i/dia. x .103" thick, blanking plates,	PE/FK		
2-98		L.H. and R.H. bleed valve ram change pressure connections			2
2-99		L.H. bleed valve ram H.P. and L.P. connections			2
2-100	BA88061	Jointing-L.H. bleed valves ram drain connection blanking plate	J.5		1
	BA97999	Plate-Blanking,	S/NTV		
2-101		L.H. and R.H. bleed valves rams change pressure connections			2
2-102		L.H. bleed valve ram drain connection			1
2-103	KJ4506	ATTACHING PARTS Washer-Spring, grover	S/CS		6
2-104	KM196	Screw-Hex.hd. * * *	S/NTV		6

COMPRESSOR BLEED VALVES

FIG. AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	MATERIAL	USAGE CODE	UNITS PER ASSY
2-105	BA97998	Plate-Blanking, L.H. bleed valve ram H.P. and L.P. connections	S/NTV		1
2-106	KJ4506	ATTACHING PARTS Washer-Spring, grover	S/CS		4
2-107	KM196	Screw-Hex.hd. * * *	S/NTV		4
1-108	BR32176	TRANSPORTATION PARTS Cover-Bleed valves outlet facings (Mod.2268) Items required only for Transportation of a separate complete Bleed Valve and Ram, or a Ram Only.	E/TC		2
1-109	BR20751	Cover-Bleed valve outlet facing	E/TC		1
1-110	BR20749	Cover-Bleed valve inlet facing	Resin bonded F/Glass		1
1-111	BA94902	ATTACHING PARTS Screw-Hex.hd.	NMC		8
1-112	K8833	Washer-Plain	Stbr		18
1-113	KJ4008	Nut-Plain * * *	S/MC		18
2-114	BR20750	Plate-Blanking, ram H.P. and L.P. connections facings	A.BS.		2
2-115	K8831	ATTACHING PARTS Washer-Plain	Stbr		8
2-116	KM172	Screw-Hex.hd. * * *	S/NTV		8
2-117	BA55272	Plate-Blanking, ram C.P. and drain connection facings	A.BS.		4
2-118	K8831	ATTACHING PARTS Washer-Plain	Stbr		8
2-119	KM171	Screw-Hex.hd. * * *	S/NTV		8
		* * * * *			

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