

CATERPILLAR 621E

2PD / SEBP1987

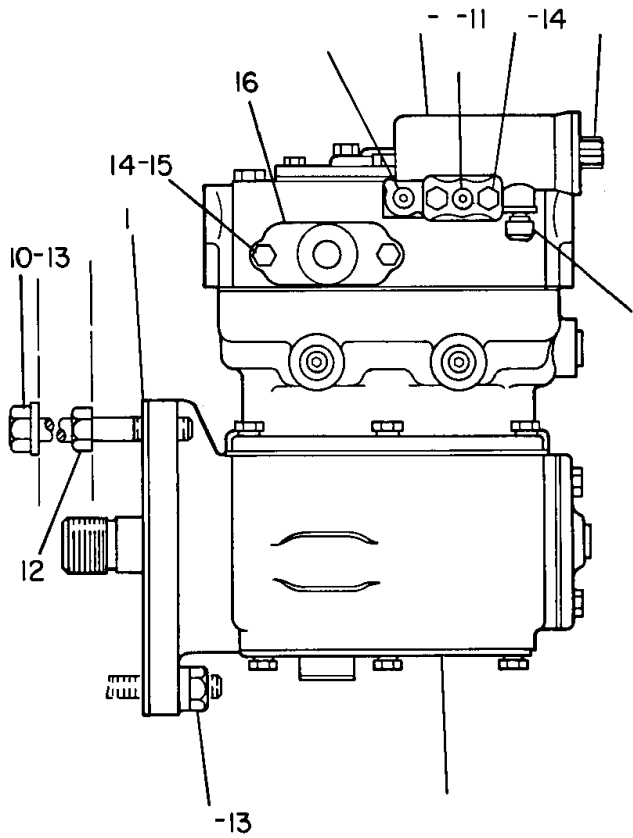
Contents

Section	Page
Basic engine	2
Cooling system	
Cooling system	
Fuel system	
Electrical and electronics	
Basic engine	
Basic engine	
Power train	
Hydraulic system	
Cooling system	
Power train	
Hydraulic system	
Hydraulic system	
Air inlet and exhaust	
Catalog items	

1N-2981 AIR COMPRESSOR GP

1N-2981 AIR COMPRESSOR GP S/N 11N1-99999 PART OF 7E-3421 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7W-6084	GASKET	1		
2	9F-2247	PLUG-PIPE (1/8-27-THD)	3		
3	1P-7125	GOVERNOR AS-AIR COMPRESSOR	1		
4	2S-2923	COVER AS	1		
5	6L-1883	GASKET	1		
6	9M-0378	BOLT (5/16-18X2.87-IN)	2		
7	5F-5434	VALVE AS-VENT	1		
8	4W-6425	AIR COMPRESSOR GP	1	YC	
9	1D-4719	NUT-FULL (1/2-13-THD)	1		
10	1D-4569	BOLT (1/2-13X4.25-IN)	1		
11	5M-6214	PLUG (1/8-27 PTF)	1		
12	1A-1460	BOLT (1/2-13X2-IN)	1		
13	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	2		
14	9M-1974	WASHER-HARD (8.8X16X2-MM THK)	4		
15	2B-2695	BOLT (5/16-18X0.875-IN)	2	C	

1N-2981 AIR COMPRESSOR GP (continued)

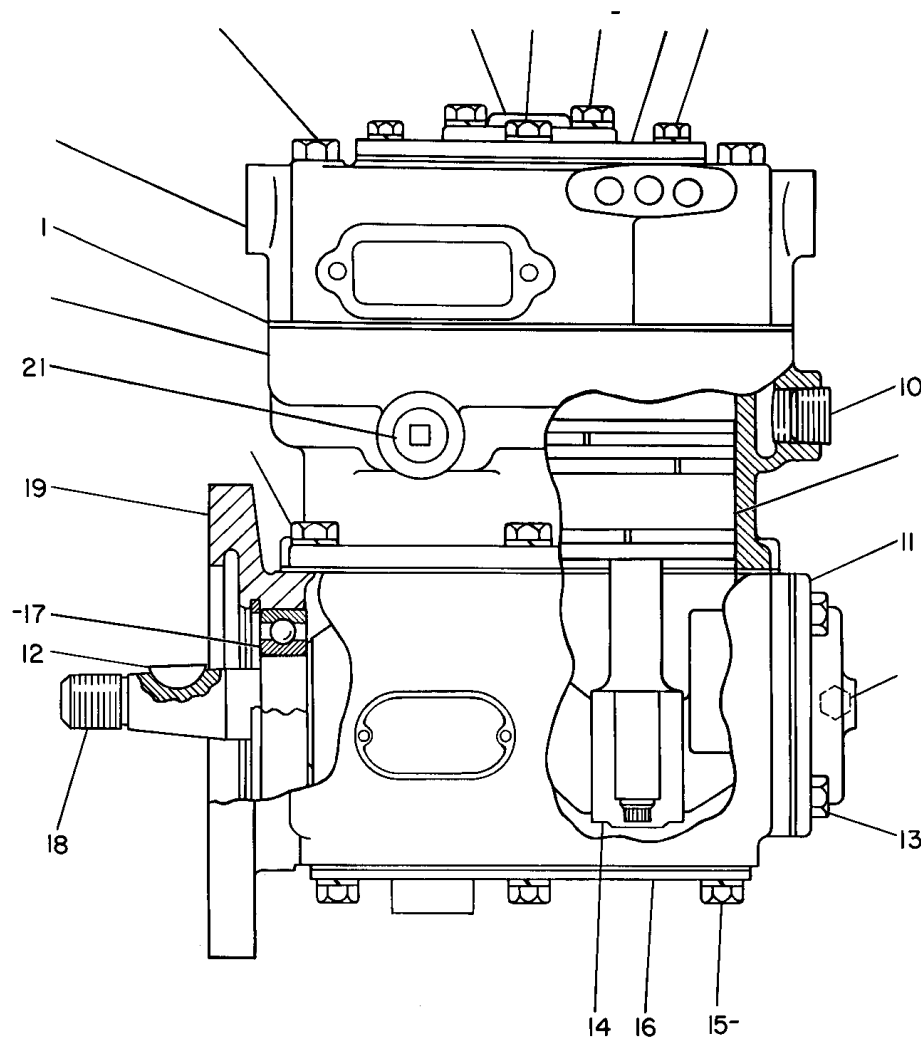
Ref.	Part number	Description	Qty	Code	Group page
16	9M-0397	ADAPTER	1	C	
	8M-7065	GASKET (AIR INLET)	1	C	
AVAILABLE REPAIR KIT(S):					
	9M-0402	KIT-GOVERNOR OVERHAUL (AIR COMPRESSOR)	1		
(INCLUDES COVER, GROMMETS, SPRING, FILTER & VALVE)					

CAT codes: C, R, Y.

4W-6425 AIR COMPRESSOR GP

4W-6425 AIR COMPRESSOR GP S/N 11N1-99999 PART OF 1N-2981 AIR COMPRESSOR GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7N-7448	GASKET	1		
2	7N-7447	HEAD AS-COMPRESSOR	1		
3	0S-1619	BOLT (3/8-16X3-IN)	5		
4	7N-7449	ADAPTER	1		
	1S-7107	GASKET	1		
5	0L-1352	BOLT (3/8-16X3.25-IN)	1		
	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	1		
6	2B-2695	BOLT (5/16-18X0.875-IN)	2		
7	3B-4505	LOCKWASHER	8		
8	7N-7450	COVER-UNLOADER	1		
	7N-7451	GASKET-UNLOADER	1		

4W-6425 AIR COMPRESSOR GP (continued)

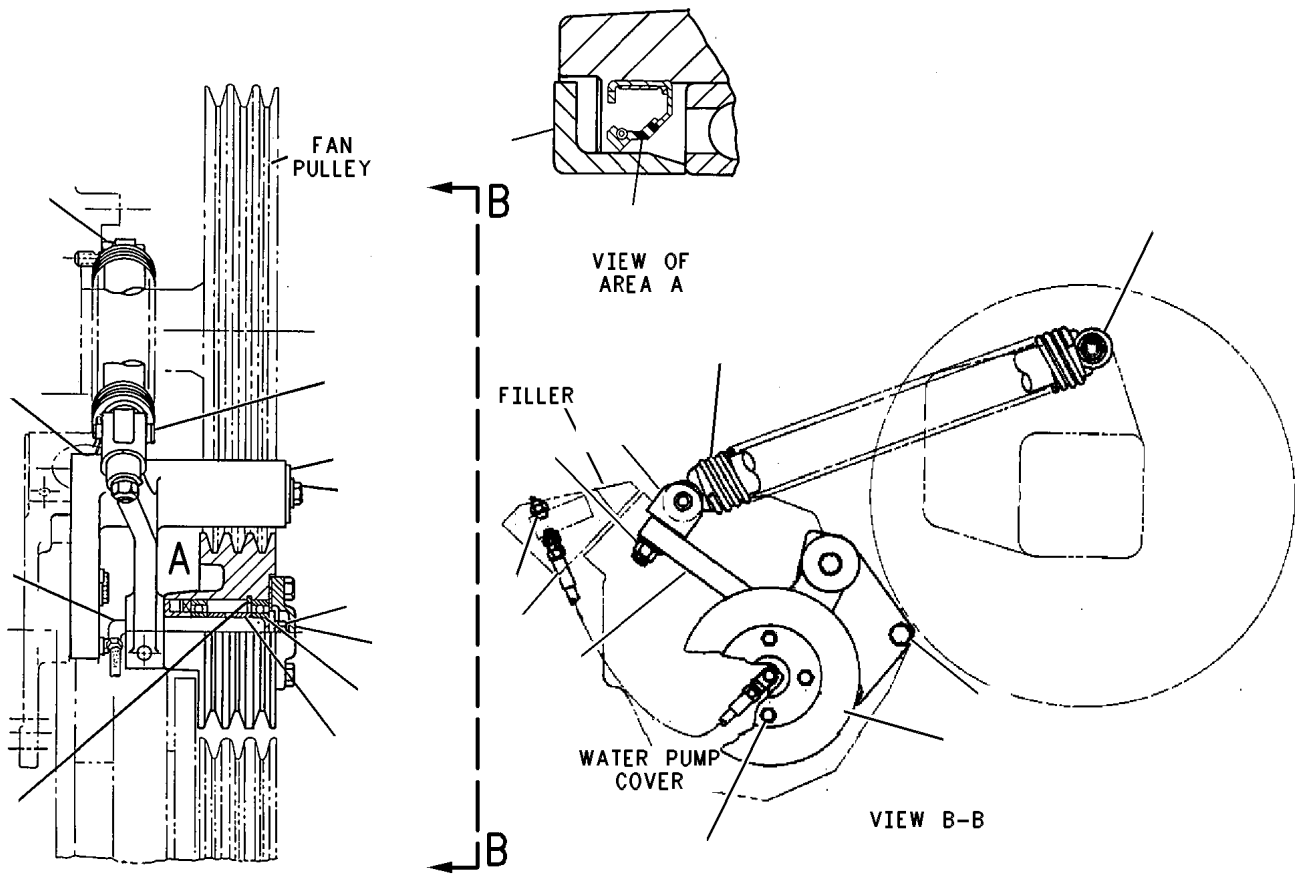
Ref.	Part number	Description	Qty	Code	Group page
9	0S-1615	BOLT (1/4-20X0.75-IN)	2		
	3B-4504	LOCKWASHER	2		
10	2B-0858	PLUG-PIPE	1		
11	7N-7441	COVER-AIR COMPRESSOR	1		
	7N-7442	GASKET	1		
12	1B-8714	KEY-WOODRUFF	1		
13	034-4160	BOLT-LOCKING (5/16-18X1-IN)	4		
14	7N-7444	ROD AS	2		
15	0S-1617	BOLT (5/16-18X0.75-IN)	6		
16	7N-7439	PLATE-COVER	1		
	7N-7440	GASKET	1		
17	8H-9789	BALL BEARING	2		
18	4W-6706	CRANKSHAFT-AIR COMPRESSOR	1		
19	4W-6681	CRANKCASE GP-AIR COMPRESSOR	1		
20	1A-2029	BOLT (3/8-16X1.125-IN)	6		
	3B-4506	LOCKWASHER	6		
21	4B-4845	PLUG (PIPE)	2		
22	7N-7445	CYLINDER BLOCK	1		
	7N-7446	GASKET	1		
23	7N-7443	PISTON AS-COMPRESSOR	2		
24	5M-6214	PLUG (1/8-27 PTF)	1		
25	4W-9489	RING-LOCK	1	C	
AVAILABLE REPAIR KIT(S):					
	7N-7435	KIT-AIR COMPRESSOR (MAJOR REPAIR)	1		
(INCLUDES STOPS, SPRINGS, SEATS, GUIDES, & GASKETS)					
	7N-7436	KIT-PISTON RING	1		
	4P-6409	KIT-PIN	1		

CAT codes: C.

1W-4933 BELT TENSIONER GP

1W-4933 BELT TENSIONER GP S/N 2PD1011-99999 PART OF 4P-3804 INSTALLATION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2N-2280	LOCKNUT	1		
2	4L-9337	BOLT (3/8-16X1.5-IN)	3		
3	4N-2697	PULLEY-TIGHTENER	1		
4	4M-6425	BOLT (5/16-18X1-IN)	4		
5	8B-2327	RING-RETAINING	1		
6	175-3846	ARM AS	1		
	4N-0955	DOWEL	1		
	4S-5367	BUSHING AS (MOUNT)	1		
7	2S-1511	HOSE AS	1	I	
8	3B-8485	ELBOW	1		
9	6V-8188	NUT (1/2-13-THD)	1		

1W-4933 BELT TENSIONER GP (continued)

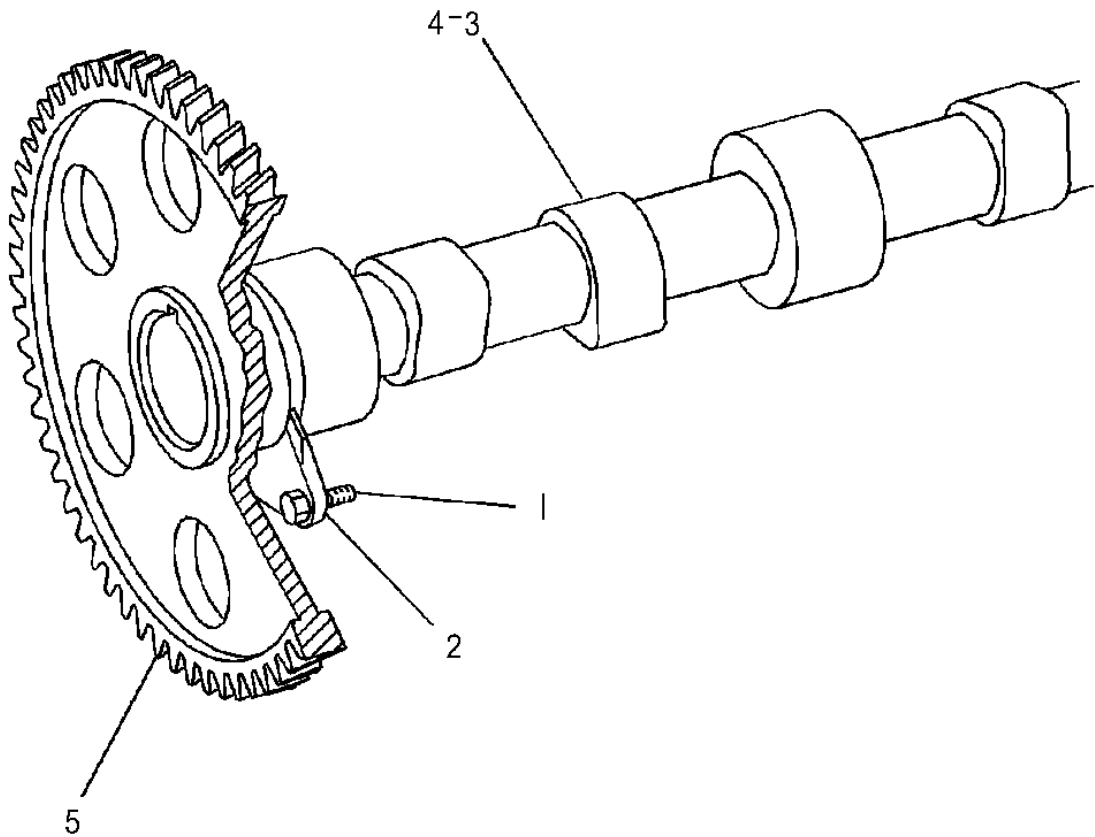
Ref.	Part number	Description	Qty	Code	Group page
10	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	1		
11	8N-5579	RETAINER	1		
12	8N-5827	ABSORBER AS-SHOCK	1		
13	5M-9735	SEAL-LIP TYPE	1		
14	4S-7916	SPACER-SPECIAL	1		
15	6S-6308	PIN	1		
16	3B-4617	PIN-COTTER	1		
17	2M-2742	PLATE-RETAINER	1		
18	5S-7379	BOLT (3/8-16X0.875-IN)	2		
19	8T-4896	WASHER-HARD (10.2X18.5X2.5-MM THK)	2		
20	3B-6552	ELBOW-PIPE	1		
21	8N-5581	STUD	1		
22	1W-4693	SHAFT AS	1		
	4N-0955	DOWEL	1		
	1S-9209	SHAFT-TIGHTENER	1		
23	7X-0592	WASHER-HARD (10.2X32X5-MM THK)	1		
24	2S-6150	COVER-PULLEY	1		
25	2S-6151	GASKET	1		
26	6B-1124	BALL BEARING	2		
27	1S-8687	SPACER (25.5X33.4X31.75-MM THK)	1		

CAT codes: I.

7W-3798 CAMSHAFT GP

7W-3798 CAMSHAFT GP S/N 11N1-99999 PART OF 7E-3421 ENGINE AR

Drawing 1 of 1



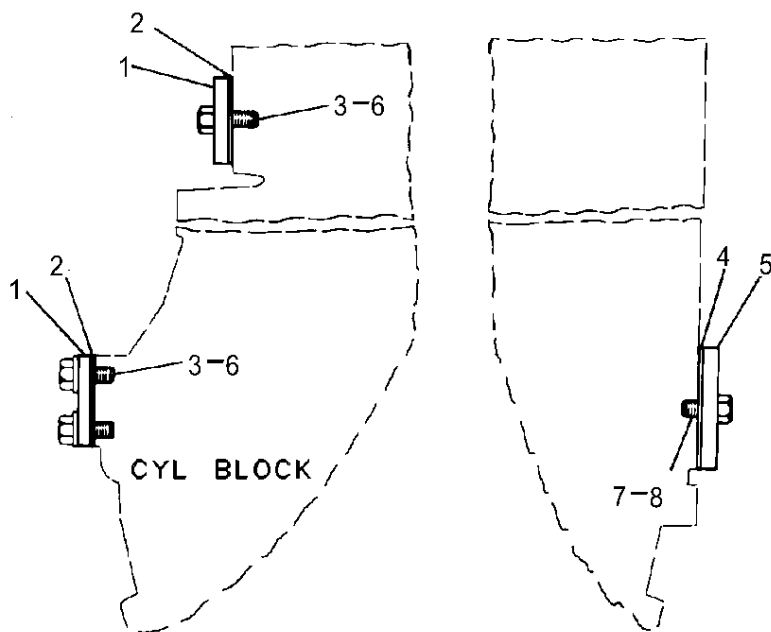
Ref.	Part number	Description	Qty	Code	Group page
1	0S-0509	BOLT (3/8-16X0.75-IN)	2		
2	4N-0342	PLATE	1		
3	100-7408	CAMSHAFT AS	1		
4	1B-8705	KEY-WOODRUFF	1		
5	8N-8254	GEAR-CAMSHAFT (64-TEETH)	1		

CAT codes: R.

9N-0684 COVER GP-CYLINDER BLOCK

9N-0684 COVER GP-CYLINDER BLOCK S/N 11N1-99999 PART OF 7E-3421 ENGINE AR

Drawing 1 of 1



FRONT VIEW

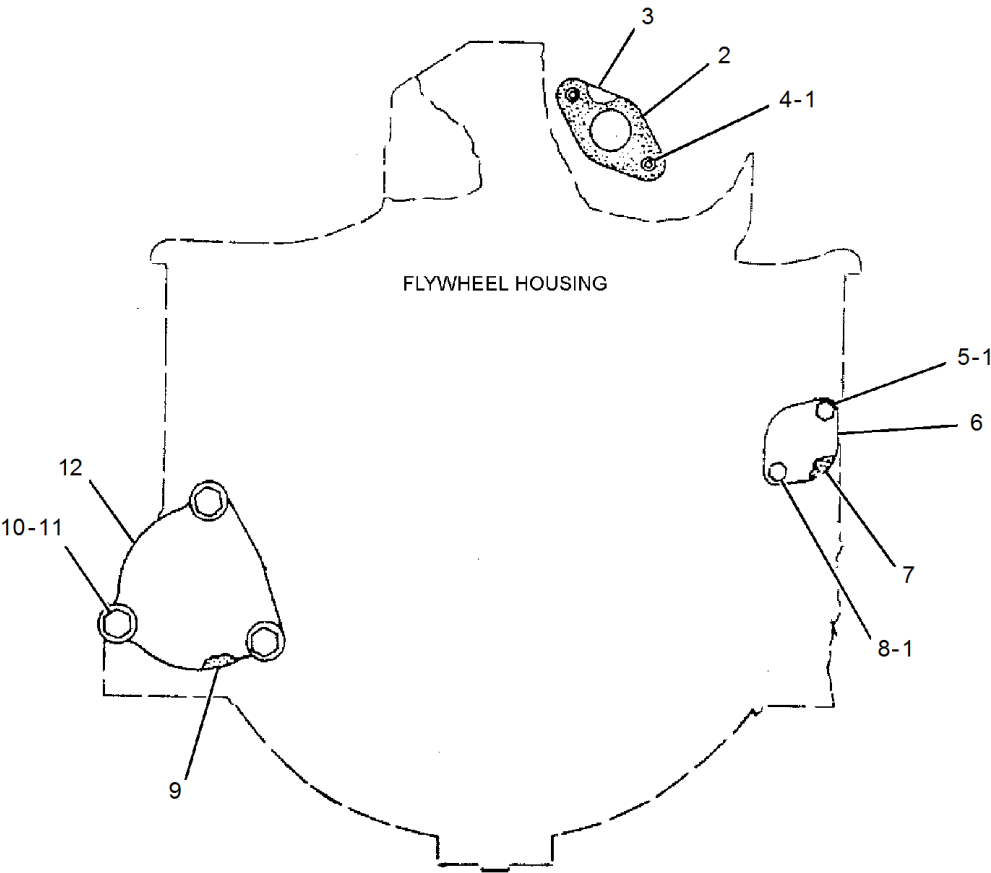
Ref.	Part number	Description	Qty	Code	Group page
1	4W-9890	COVER	2		
2	4N-0699	GASKET	2		
3	0S-1594	BOLT (3/8-16X1-IN)	4	C	
4	7C-0307	GASKET	1		
5	4N-0794	COVER	1		
6	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4	C	

CAT codes: C.

4N-4792 COVER GP-FLYWHEEL HOUSING

4N-4792 COVER GP-FLYWHEEL HOUSING S/N 11N1-99999 PART OF 7E-3421 ENGINE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
2	5H-0244	GASKET	1		
3	8F-3030	FLANGE	1		
4	0S-1588	BOLT (3/8-16X1.25-IN)	2		
5	0S-1619	BOLT (3/8-16X3-IN)	1		
6	2P-2772	COVER	1		
7	234-8937	SEAL-INTEGRAL	1		
8	0S-1594	BOLT (3/8-16X1-IN)	1		
9	9Y-6089	GASKET	1	C	
10	4B-4043	BOLT (5/8-11X1.375-IN)	3	C	
11	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	3	C	
12	3H-0761	COVER-OPENING	1	C	

CAT codes: C.

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

2PD-SEBP1987

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99