

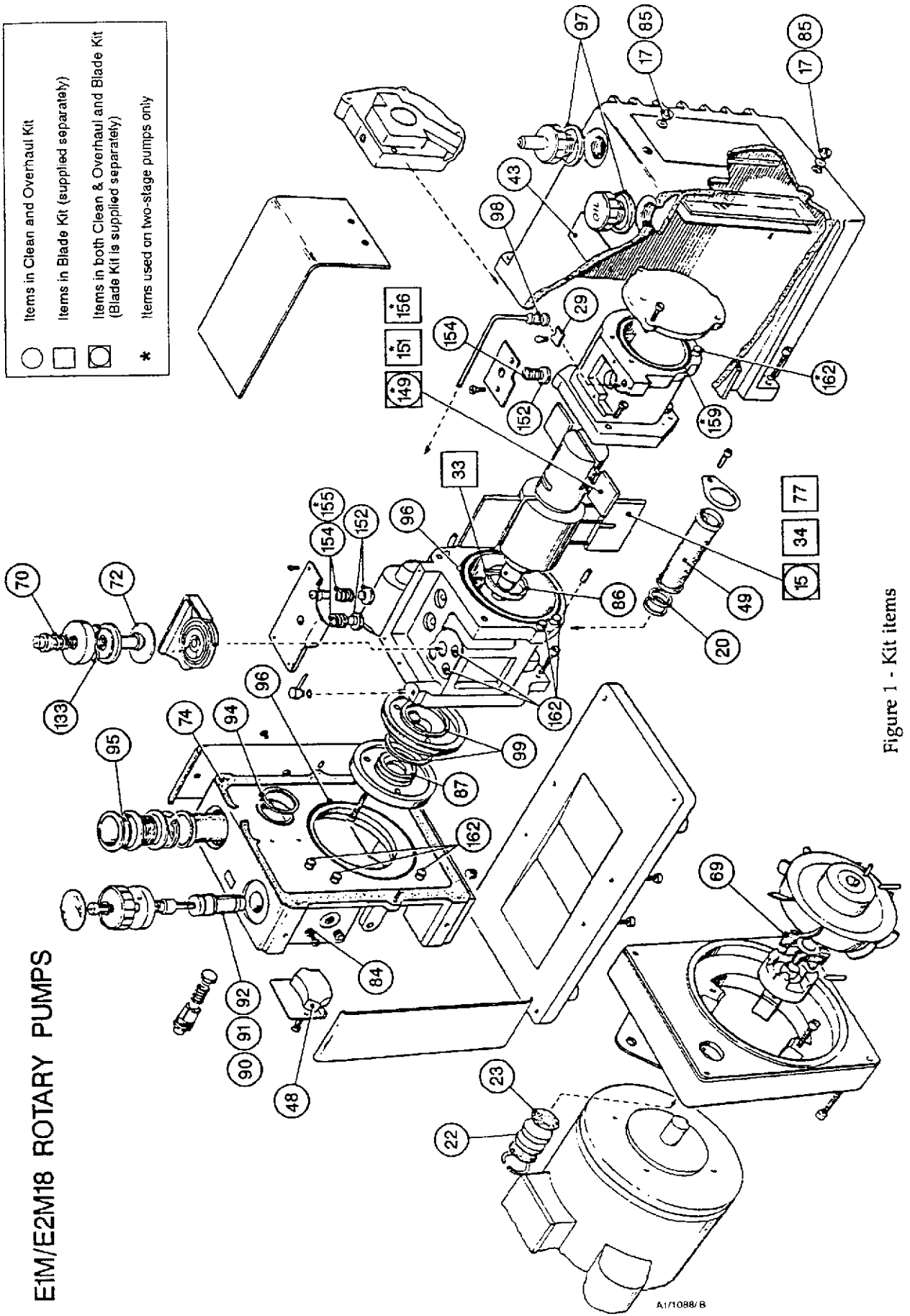
PARTS IN THE CLEAN AND OVERHAUL KIT

Bag Pack Reference	Item No.	Description	Quantity supplied	Size (mm) and feature (if applicable) Length x diameter (x width) * = inside diameter (X) = number of coils in a spring 'O' ring dimensions relate to I.D. x section
Bag 1	17	Oil plug	2	1/8 inch BSP
	43	Exhaust warning label	1	
	74	Gasket	1	
	85	Dowty seal	2	1/8 inch BSP
	97	'O' ring	2	28.2 x 3.5
Bag 2	15	Blade spring H.V.	2	70.6 x 4.0 (37)
	20	Filter seal	2	28.8 O.D. x 3.2
	22	Gas ballast filter	2	
	23	Gas ballast gauze	2	
	48	Felt pad	1	
	49	Oil filter assembly	1	→ A 2230500B
	69	Coupling rubber	1	
	86	Inner shaft oil seal	1	30 x 40 x 7 fluoroelastomer
	87	Outer shaft Spiro seal	2	18 x 40 x 7 fluoroelastomer
	96	'O' ring	1	99.5 x 3.0
	99	'O' ring	2	44.5 x 3.0
	149	Blade spring L.V.	3	34.9 x 2.4
	159	'O' ring	1	61.6 x 2.4, for E2M18 only
162	'O' ring	3	6.6 x 2.4, two use on E1M18	
Bag 3	84	Dowty seal	1	2 BA
	90	Gas ballast 'O' ring	1	11.6 x 2.4
	91	Gas ballast 'O' ring	1	13.6 x 2.4
	92	Gas ballast 'O' ring	1	15.6 x 2.4
	95	Inlet 'O' ring	1	35.5 x 3.0
Bag 4	29	Gas ballast valve	1	
	94	'O' ring	1	27.5 x 3.0
	96	'O' ring	1	99.5 x 3.0
	98	'O' ring	2	7.9 x 2.6 fluoroelastomer
	152	Valve pad	3	Two used on E1M18
	154	Valve spring H.V. E1M18	2	24.5 x 9.0 * (10.5), one used on E2M18 L.V.
	155	Valve spring H.V. E2M18	2	30 x 9 * (10), for E2M18 only
162	'O' ring	3	6.6 x 2.4	
Bag 5	70	Distributor spring	1	14.0 x 10.3 * (5)
	72	Distributor rubber	1	
	133	Waved washer	1	
	162	'O' ring	2	6.6 x 2.4

Table 1 - Clean and Overhaul Kit items

E1M/E2M18 ROTARY PUMPS

- Items in Clean and Overhaul Kit
- Items in Blade Kit (supplied separately)
- ◻ Items in both Clean & Overhaul and Blade Kit (Blade Kit is supplied separately)
- ★ Items used on two-stage pumps only



A1/1088/B

Figure 1 - Kit items

PUMP ITEM NUMBER	DESCRIPTION	QUANTITY	PART NUMBER	SIZE/mm AND FEATURE (IF APPLICABLE) L x DIAM (x WIDTH) * = INSIDE DIAM (X)=NO. OF COILS
15	BLADE SPRINGS H.V.	2	A003-07-046	70.6 x 4.0 (37)
17	OIL PLUG	2	A007-14-012	1/8" BSP
20	FILTER SEAL	2	A014-03-030	28.8 x 3.2
22	GAS BALLAST FILTER	2	A023-08-043	
23	GAS BALLAST GAUZE	2	A023-08-044	
29	GAS BALLAST VALVE	1	A259-08-117	
49	OIL FILTER ASSEMBLY	1	A223-05-008	
70	DISTRIBUTOR SPRING	1	A271-02-032	14.0 x 10.3 * (5)
72	DISTRIBUTOR RUBBER	1	A271-59-430	
74	GASKET	1	A271-59-635	
84	DOWTY SEAL	1	H021-04-012	2BA
85	DOWTY SEAL	2	H021-04-001	1/8" BSP
86	INNER SHAFT OIL SEAL	1	H021-09-064	30 x 40 x 7 (VITON)
87	OUTER SHAFT SPIRO SEAL	2	H021-09-067	18 x 40 x 7 (VITON)
90	GAS BALLAST O-RING	1	H021-20-033	11.6 x 2.4
91	GAS BALLAST O-RING	1	H021-20-035	13.6 x 2.4
92	GAS BALLAST O-RING	1	H021-20-037	15.6 x 2.4
94	O-RING	1	H021-20-067	27.5 x 3.0
95	INLET O-RING	1	H021-20-072	35.5 x 3.0
96	O-RING	2	H021-20-089	99.5 x 3.0
97	O-RING	2	H021-25-026	28.2 x 3.5 (VITON)
98	O-RING	2	H021-26-116	7.9 x 2.6 (VITON)
99	O-RING	2	H021-20-078	44.5 x 3.0
133	WAVED WASHER	1	2189-90-201	
149	BLADE SPRINGS L.V.	3	A009-06-077	34.9 x 2.4
152	VALVE PAD	3	A265-01-029	QTY.2 ON SINGLE STAGE
154	VALVE SPRING L.V.	2	A271-02-030	24.5 x 9.0 * (10.5) QTY.1 ON SINGLE STAGE
155	VALVE SPRING H.V.	2	A271-02-033	30 x 9 * (10) FOR TWO STAGE ONLY
159	O-RING	1	H021-20-057	6.2 x 2.4 FOR TWO STAGE ONLY
162	O-RING	8	H021-20-028	6.6 x 2.4

BLADE KIT FOR E1M18		A343-01-130	
PUMP ITEM NUMBER	DESCRIPTION	QUANTITY	PART NUMBER
15	BLADE SPRINGS H.V.	2	A003-07-046
33	OIL PUMP BLADE	1	A204-02-120
34	BLADE H.V.	2	A204-02-123
77	BLADE PINS H.V.	2	A292-03-002

BLADE KIT FOR E2M18		A363-01-130	
PUMP ITEM NUMBER	DESCRIPTION	QUANTITY	PART NUMBER
15	BLADE SPRINGS H.V.	2	A003-07-046
33	OIL PUMP BLADE	1	A204-02-120
34	BLADE H.V.	2	A204-02-123
77	BLADE PINS H.V.	2	A292-03-002
149	BLADE SPRINGS L.V.	3	A009-06-077
151	BLADE L.V.	2	A204-02-121
156	BLADE PINS L.V.	3	A292-03-003