

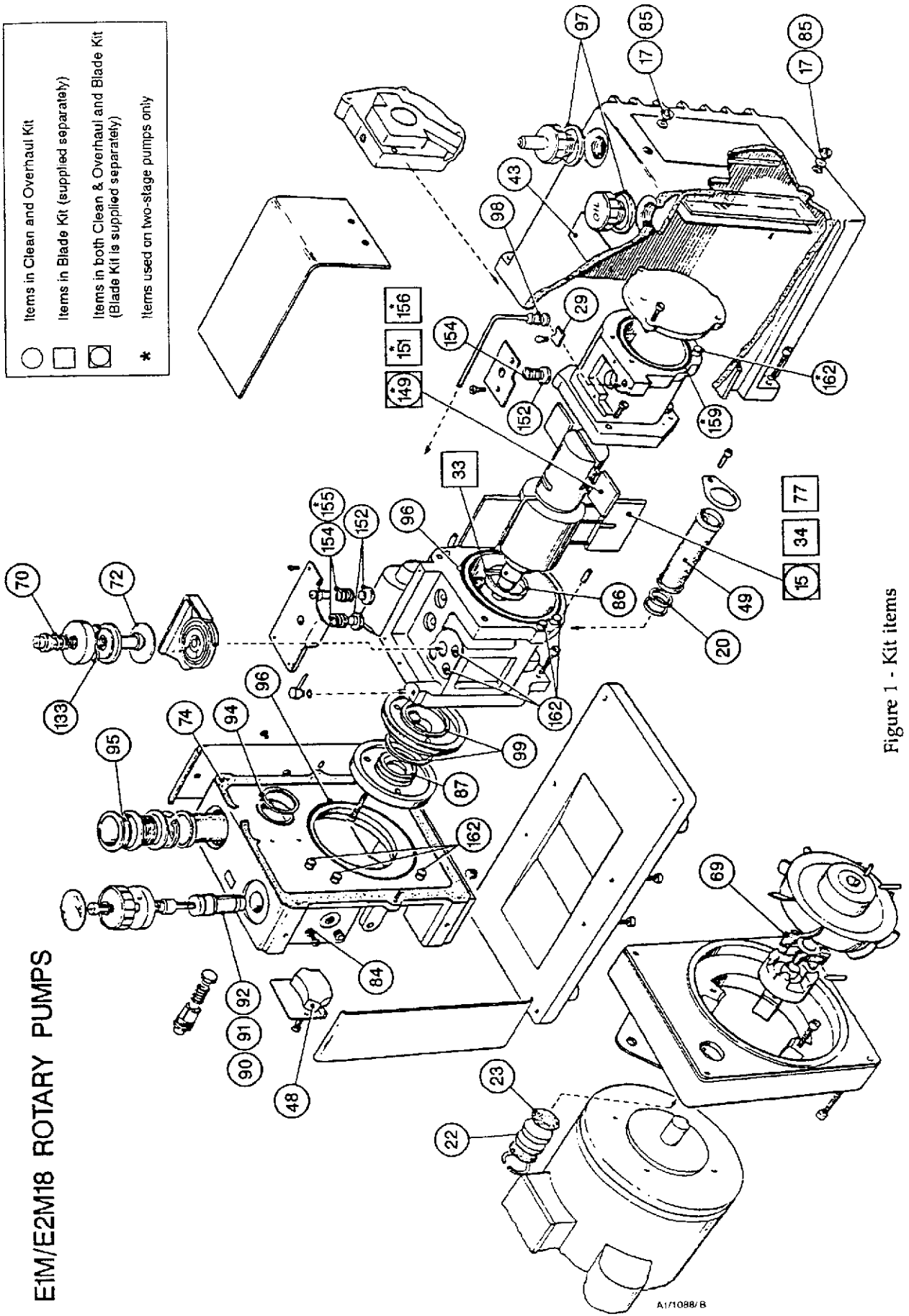
PARTS IN THE CLEAN AND OVERHAUL KIT

| 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 |