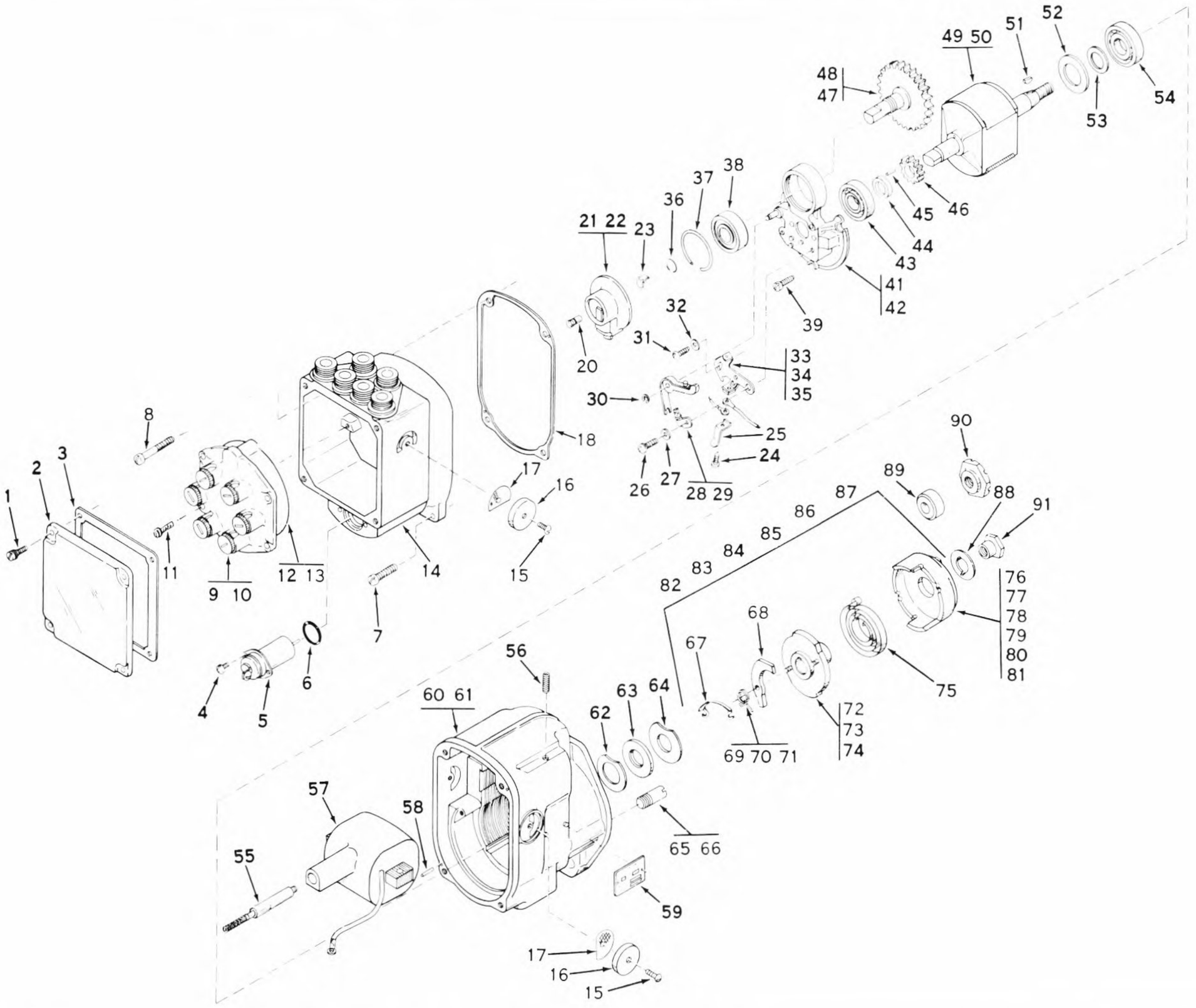
Colt Industries

**Fairbanks Morse**
**Engine Accessories Division**
BELOIT, WISCONSIN

# PARTS LIST
## TYPE FME6B MAGNETOS
FME6B8–1, 8A, 8B, 8D, 8H, 8J
10 009 710, 10 008 674, 10 008 687
10 009 665, 10 009 676, 10 009 697




| DATA | | FM E6B 8–1 | FM E6B 8A | FM E6B 8B | FM E6B 8D | FM E6B 8H | FM E6B 8J | MAGNETO PART NUMBERS |
|---|---|---|---|---|---|---|---|---|
| | Rotation | CCW | CW | CCW | CW | CCW | CCW | |
| | Impulse Coupling | UBL | UB | UBL | UB | UBL | UBL | |
| | Lag Angle | 30° | 37° | 36° | 40° | 40° | 30° | |
| Engine Manufacturer and Specification Number | Waukesha Motor Co. - 60470 | X | - | - | - | - | - | FME6B8–1 10 009 710 |
| | Waukesha Motor Co. - 50507 | - | X | - | - | - | - | FME6B8A 10 008 674 |
| | Waukesha Motor Co. | - | - | X | - | - | - | FME6B8B 10 008 687 |
| | Waukesha Motor Co. | - | - | - | X | - | - | FME6B8D 10 009 665 |
| | Waukesha Motor Co. | - | - | - | - | X | - | FME6B8H 10 009 676 |
| | Waukesha Motor Co. | - | - | - | - | - | X | FME6B8J 10 009 697 |

| Ref. No. | Part Number | Part Number | Number Used | | | | | | Description |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 10 000 890 | 8S8D | 4 | 4 | 4 | 4 | 4 | 4 | Cover screw, 8-32 x 1/2 |
| 2 | 10 230 800 | C800A | 1 | 1 | 1 | 1 | 1 | 1 | Cover |
| 3 | 10 140 682 | D682A | 1 | 1 | 1 | 1 | 1 | 1 | Gasket |
| 4 | 10 000 882 | 6S6D | 1 | 1 | 1 | 1 | 1 | 1 | Condenser screw, 6-32 x 3/8 |
| 5 | 10 003 102 | HX2433 | 1 | 1 | 1 | 1 | 1 | 1 | Condenser |
| 6 | 10 011 679 | P2473 | 1 | 1 | 1 | 1 | 1 | 1 | "O" ring |
| 7 | 10 000 894 | 10S12D | 2 | 2 | 2 | 2 | 2 | 2 | End cap screw, 10-24 x 3/4 |
| 8 | 10 003 034 | 10S22D | 2 | 2 | 2 | 2 | 2 | 2 | End cap screw, 10-24 x 1-3/8 |
| 9 | 10 022 741 | B2741 | - | - | 6 | - | - | - | Outlet knob |
| 10 | 10 010 290 | B2741X | 6 | 6 | - | 6 | 6 | 6 | Outlet knob |



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| Ref. No. | Part Number | Part Number | Number Used | | | | | | Description |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 10 000 891 | 8S9D | 4 | 4 | 4 | 4 | 4 | 4 | Distr. block screw, 8-32 x 9/16 |
| 12 | 10 212 474 | W2474 | 1 | - | 1 | - | - | - | Distr. block |
| 13 | 10 010 291 | W2474X | - | 1 | - | 1 | 1 | 1 | Distr. block |
| 14 | 10 242 430 | Z2430A | 1 | 1 | 1 | 1 | 1 | 1 | End cap |
| 15 | 10 000 662 | 6S6N | 4 | 4 | 4 | 4 | 4 | 4 | Cover screw, 6-32 x 3/8 |
| 16 | 10 011 232 | A1232 | 4 | 4 | 4 | 4 | 4 | 4 | Vent cover |
| 17 | 10 036 032 | A6032A | 4 | 4 | 4 | 4 | 4 | 4 | Vent screen |
| 18 | 10 001 512 | M2498 | 1 | 1 | 1 | 1 | 1 | 1 | Gasket |
| 20 | 10 052 460 | E2460B | 1 | 1 | 1 | 1 | 1 | 1 | Brush and spring |
| 21 | 10 242 765 | Z2765 | - | - | 1 | - | - | - | Distr. rotor |
| 22 | 10 010 296 | Z2765X | 1 | 1 | - | 1 | 1 | 1 | Distr. rotor |
| 23 | 10 000 659 | A2766 | 1 | 1 | 1 | 1 | 1 | 1 | Spring clip |
| 24 | 10 011 694 | 6S6Z | 1 | 1 | 1 | 1 | 1 | 1 | Terminal screw, 6-32 x 3/8 |
| 25 | 10 000 014 | H2513 | 1 | 1 | 1 | 1 | 1 | 1 | Ground spring |
| 26 | 10 001 930 | 8S6U | 1 | 1 | 1 | 1 | 1 | 1 | Support screw and lockwasher, 8-32 x 3/8 |
| 27 | 10 025 969 | B5969 | 1 | 1 | 1 | 1 | 1 | 1 | Support screw washer, #8 |
| 28 | 10 072 788 | G2788 | - | 1 | - | 1 | - | - | Cam wick, cw |
| 29 | 10 082 788 | H2788 | 1 | - | 1 | - | 1 | 1 | Cam wick, ccw |
| 30 | 10 011 884 | C1498G | 1 | 1 | 1 | 1 | 1 | 1 | Snap ring - fulcrum pin |
| 31 | 10 004 028 | 6S6U | 1 | 1 | 1 | 1 | 1 | 1 | Support screw, 6-32 x 3/8 |
| 32 | 10 042 458 | D2458 | 1 | 1 | 1 | 1 | 1 | 1 | Support screw washer #6 |
| 33 | 10 422 437 | B2437A | - | - | 1 | - | - | - | Point set, ccw |
| 34 | 10 010 570 | A2437AX | - | 1 | - | 1 | - | - | Point set, cw |
| 35 | 10 010 571 | B2437AX | 1 | - | - | - | 1 | 1 | Point set, ccw |
| 36 | 10 031 498 | C1498 | 1 | 1 | 1 | 1 | 1 | 1 | Snap ring - distr. shaft |
| 37 | 10 081 498 | A1498A | 1 | 1 | 1 | 1 | 1 | 1 | Snap ring - distr. bearing |
| 38 | 10 115 949 | A5949C | 1 | 1 | 1 | 1 | 1 | 1 | Distr. bearing |
| 39 | 10 000 890 | 8S8D | 3 | 3 | 3 | 3 | 3 | 3 | Support screw, 8-32 x 1/2 |
| 41 | 10 000 000 | Z4631 | - | 1 | - | 1 | - | - | Bearing support, cw |
| 42 | 10 000 001 | AX4631 | 1 | - | 1 | - | 1 | 1 | Bearing support, ccw |
| 43 | 10 075 949 | A5949A | 1 | 1 | 1 | 1 | 1 | 1 | Cam end bearing |
| 44 | 10 102 665 | A2665E | 1 | 1 | 1 | 1 | 1 | 1 | Bearing spacer |
| 45 | 10 042 533 | D2533 | 1 | 1 | 1 | 1 | 1 | 1 | Gear pin |
| 46 | 10 055 952 | E5952 | 1 | 1 | 1 | 1 | 1 | 1 | Rotor gear |
| 47 | 10 001 514 | BX5939 | - | - | 1 | - | - | - | Distr. shaft and gear |
| 48 | 10 010 587 | BX5939X | 1 | 1 | - | 1 | 1 | 1 | Distr. shaft and gear |
| 49 | 10 000 008 | CZ2480 | 1 | 1 | 1 | - | 1 | 1 | Rotor |
| 50 | 10 192 479 | VV2480 | - | - | - | 1 | - | - | Rotor - extended shaft |
| 51 | 10 000 379 | 3K1 | 1 | 1 | 1 | 1 | 1 | 1 | Key |
| 52 | 10 016 304 | A6304 | 1 | 1 | 1 | 1 | 1 | 1 | Bearing seal |
| 53 | 10 032 723 | C2723 | 1 | 1 | 1 | 1 | 1 | 1 | Bearing shim |
| 54 | 10 025 949 | B5949 | 1 | 1 | 1 | 1 | 1 | 1 | Drive end bearing |
| 55 | 10 003 035 | E983B | 1 | 1 | 1 | 1 | 1 | 1 | Lead rod |
| 56 | 10 001 470 | 25SS10A | 2 | 2 | 2 | 2 | 2 | 2 | Coil setscrew, 1/4-20 x 5/8 |
| 57 | 15 542 477 | P2477C | 1 | 1 | 1 | 1 | 1 | 1 | Coil |
| 58 | 10 072 533 | G2533 | 2 | - | - | 2 | 2 | 2 | Housing dowel |
| 59 | 10 010 195 | A195 | 1 | 1 | 1 | 1 | 1 | 1 | Name plate |
| 60 | 10 003 153 | ZZ2425 | 1 | - | - | 1 | 1 | 1 | Housing |
| 61 | 10 042 426 | DZ2425 | - | - | 1 | 1 | - | - | Housing |
| 62 | 10 112 492 | A2492C | 1 | 1 | 1 | 1 | 1 | 1 | Seal inner washer |
| 63 | 10 073 861 | G3861 | 1 | 1 | 1 | 1 | 1 | 1 | Drive end seal |
| 64 | 10 012 492 | A2492A | 1 | 1 | 1 | 1 | 1 | 1 | Seal outer washer |
| 65 | 10 172 568 | S2568 | - | 1 | - | 1 | - | - | Pawl stop pin, cw |
| 66 | 10 062 568 | F2568 | 1 | - | 1 | - | 1 | 1 | Pawl stop pin, ccw |
| 67 | 10 013 586 | A1498J | 1 | 1 | 1 | 1 | 1 | 1 | Pawl lock spring |
| 68 | 10 001 360 | Q2566 | 2 | 2 | 2 | 2 | 2 | 2 | Coupling pawl |
| 69 | 10 013 241 | R5963 | 2 | - | 2 | - | 2 | 2 | Coupling pawl spring |
| 70 | 10 013 543 | T5963 | - | 2 | - | - | - | - | Coupling pawl spring |
| 71 | 10 013 242 | S5963 | - | - | - | 2 | - | - | Coupling pawl spring |
| 72 | 10 172 563 | S2563 | - | 1 | - | - | - | - | Hub assembly, cw |
| 73 | 10 032 560 | LZ2563 | 1 | - | 1 | - | 1 | 1 | Hub assembly, ccw |
| 74 | 10 122 560 | FZ2563 | - | 1 | - | 1 | - | - | Hub assembly, cw |
| 75 | 10 052 565 | E2565 | 1 | 1 | 1 | 1 | 1 | 1 | Coupling spring |
| 76 | 10 125 957 | M5957 | - | - | 1 | - | - | - | Coupling shell |
| 77 | 10 235 957 | Y5957 | - | - | - | 1 | - | - | Coupling shell |
| 78 | 10 275 957 | CX5957 | - | 1 | - | - | - | - | Coupling shell |
| 79 | 10 055 958 | EZ5957 | 1 | - | - | - | - | - | Coupling shell |
| 80 | 15 575 957 | KY5957 | - | - | - | - | - | 1 | Coupling shell |
| 81 | 15 655 957 | TY5957 | - | - | - | - | 1 | - | Coupling shell |
| 82 | 10 222 562 | X2563C | - | - | 1 | - | - | - | Coupling, complete |
| 83 | 10 242 562 | HW2563C | - | - | - | 1 | - | - | Coupling, complete |
| 84 | 15 622 562 | VZ2563C | - | 1 | - | - | - | - | Coupling, complete |
| 85 | 10 302 560 | GU2563C | 1 | - | - | - | - | - | Coupling, complete |
| 86 | 15 642 562 | DW2563C | - | - | - | - | - | 1 | Coupling, complete |
| 87 | 10 432 564 | JV2563C | - | - | - | - | 1 | - | Coupling, complete |
| 88 | 10 011 781 | B5931B | 1 | 1 | 1 | - | 1 | 1 | Coupling nut lockwasher |
| 89 | 10 022 572 | B2572 | - | - | - | 1 | - | - | Coupling bushing |
| 90 | 10 142 570 | P2570 | - | - | - | 1 | - | - | Coupling nut |
| 91 | 10 011 740 | U2570 | 1 | 1 | 1 | - | 1 | 1 | Coupling nut |