

## GROUP E4. CYLINDER HEAD. (Continued)

|                                                                                      |      |           |   |     |
|--------------------------------------------------------------------------------------|------|-----------|---|-----|
| NUT, full, .250" dia., air intake, silencer (R.C)                                    | X.21 | K. 4008/Z | 4 | Q   |
| NUT, full, .250" dia., inlet manifold                                                | X.21 | K. 4008/Z | 8 |     |
| NUT, half, 2 BA, ignition conduit retaining                                          | X.24 | K. 4307/Z | 4 |     |
| NUT, half, 2 BA, No.5 core plug                                                      | X.24 | K. 4307/Z | 1 | ⊕   |
| NUT, half, .250" dia., air intake anchor bracket (R.C)                               | X.24 | K. 4310/Z | 2 | R   |
| NUT, half, .250" dia., air intake anchor bracket (R.C)                               | X.24 | K. 4310/Z | 4 | S   |
| NUT, half, .250" dia., air intake anchor bracket (R.C)                               | X.21 | K. 4008/Z | 4 | J   |
| NUT, half, .250" dia., heater pipe clip and shield or oil bath support where fitted. | X.24 | K. 4310/Z | 2 | + ⊕ |
| NUT, half, .312" dia., rocker pedestal stud                                          | X.24 | K. 4313/Z | 5 |     |
| NUT, half, .312" dia., thermostat                                                    | X.24 | K. 4313/Z | 4 |     |
| PIECE, distance, oil bath (where fitted)                                             |      | RE.7069   | 2 |     |
| PIN, hinge, oil filler                                                               | 15   | E.88941   | 2 | J   |
| PIN, split, oil filler caps stud                                                     | X.31 | K. 4648/Z | 1 | J   |
| PIPE, breather assembly                                                              | 16   | RE.5778   | 1 | M   |
| PLATE, pressure, oil filler cap                                                      | 17   | RE.88931  | 1 | J   |
| PLATE, rocker cover, rubber bush                                                     | 18   | EB.3999   | 3 |     |
| PLUG, .250" dia., rocker cover (R.C)                                                 | X.27 | KB.1052/Z | 2 |     |
| SPRING, pressure, oil filler cap                                                     | 19   | FB.2484   | 1 | J   |
| STUD, .250" dia., Nos. 4 & 6 core plug                                               | X.66 | KB. 750/Z | 2 | + ⊕ |
| STUD, .250" dia., Nos. 4 & 6 core plug                                               | X.68 | KB. 399/Z | 2 | ⊕   |
| STUD, .250" dia., air silencer brackets (R.C)                                        | X.65 | KB.3825/Z | 4 | Q   |
| STUD, .250" dia., air silencer brackets (R.C)                                        | X.68 | KB. 351/Z | 2 | R   |
| STUD, .250" dia., air silencer brackets (R.C)                                        | X.68 | KB. 351/Z | 4 | S   |
| STUD, .250" dia., air silencer brackets (L.C)                                        | X.68 | KB. 351/Z | 2 |     |
| STUD, .250" dia., rocker cover                                                       | X.68 | KB. 399/Z | 2 | J   |
| STUD, 2 BA, No.5 core plug                                                           |      | RE.10440  | 1 | ⊕   |
| SPRING, catch, filler cap                                                            | 20   | E.89148   | 1 | J   |
| TAP, heater                                                                          | 21   | RE.5150   | 1 |     |
| WASHER, bevelled air silencer bracket (L.C)                                          |      | RE.6920   | 2 |     |
| WASHER, joint, oil filler adaptor to rocker cover                                    | 22   | RE.11319  | 1 | J   |
| WASHER, locking adaptor to rocker cover                                              | X.89 | KB.7106   | 2 | J   |
| WASHER, oil filler cap with eyelet and washer                                        | 23   | RE.9457   | 1 | J   |
| WASHER, oil filler cap                                                               | 24   | EB.5064   | 1 | H   |
| WASHER, oil filler cap stud                                                          | X.85 | K. 4401/Z | 1 | J   |
| WASHER, plain heater tap                                                             | 25   | RE.4787   | 1 |     |
| WASHER, plain, .250" dia., rocker cover                                              | X.83 | KB.1076/W | 2 |     |
| WASHER, plain, 2 BA, ignition conduit stud                                           | X.85 | K. 4404/Z | 4 |     |
| WASHER, plain, 2 BA, No.5 core plugs                                                 | X.85 | K. 4404/Z | 1 | ⊕   |
| WASHER, plain, .250" dia., Nos. 4 & 6 core plugs                                     | X.85 | K. 4407/Z | 2 | ⊕   |
| WASHER, plain, .250" dia., Nos. 4 & 6 core plugs                                     |      | KB.3905/Z | 2 | ⊙   |
| WASHER, plain, .312" dia., rocker pedestal stud                                      | 26   | E.50051   | 5 |     |
| WASHER, spigot oil filler                                                            |      | RE.3805   | 2 | J   |
| WASHER, spring, 2 BA, ignition conduit                                               | X.87 | K. 9006/Z | 4 |     |
| WASHER, spring, 2 BA, No.5 core plug                                                 | X.87 | K. 9006/Z | 1 | ⊕   |
| WASHER, spring, .250" dia., Nos.4 & 6 core Plug                                      | X.87 | K. 9008/Z | 2 | + ⊕ |

GROUP E4. (Continued Overleaf)

## GROUP E 4. CYLINDER HEAD. (Continued)

|                                                          |      |    |        |   |    |
|----------------------------------------------------------|------|----|--------|---|----|
| WASHER, spring, .250" dia., air intake<br>silencer (R.C) | X.87 | K. | 9008/Z | 4 | Q  |
| WASHER, spring, .250" dia., air intake<br>silencer (R.C) | X.87 | K. | 9008/Z | 2 |    |
| WASHER, spring, .250" dia., air intake<br>silencer (R.C) | X.87 | K. | 9008/Z | 4 | SJ |
| WASHER, spring, .250" dia., air intake<br>silencer (L.C) | X.87 | K. | 9008/Z | 2 |    |
| WASHER, spring, .250" dia., rocker cover (R.C)           | X.87 | K. | 9009/Z | 2 |    |
| WASHER, spring, .250" dia., hot spot connection          | X.87 | K. | 9008/Z | 2 |    |
| WASHER, spring, .250" dia., inlet manifold               | X.87 | K. | 9008/Z | 8 |    |
| WASHER, spring, .312" dia., thermostat                   | X.87 | K. | 9009/Z | 4 |    |

- NOTES:
- \* When heater pipe is taken from No.5 core hole.
  - + When heater pipe is taken from No.5 core hole and oil bath air cleaner is fitted.
  - ⊕ When heater pipe is taken from No.2 core hole with or without an oil bath air cleaner.
  - ⊗ When heater pipe is taken from No.2 core hole without oil bath air cleaner.
  - ⊙ When heater pipe is taken from No.2 core hole with oil bath air cleaner.

## GROUP E5. FLYWHEEL.

Comprising:

|                                                                                                               |      |            |        |    |
|---------------------------------------------------------------------------------------------------------------|------|------------|--------|----|
| BEARING, ball first motion shaft                                                                              | 1    | RE.12055   | 1      |    |
| BOLT, .312" dia., clutch cover to friction plate                                                              | X.5  | KB. 2811/Z | 6      |    |
| BOLT, .312" dia., friction plate and flywheel<br>flexible disc                                                | X.11 | K.         | 312/Z  | 3  |
| BOLT, .375" dia., flexible disc and housing to<br>crankshaft                                                  | 2    | GB. 4427   | 12     |    |
| DISC, flexible driving, 10" clutch                                                                            | 3    | GB. 5013   | 1      | P  |
| DISC, flexible driving, 11"                                                                                   |      | GB. 5292   | 1      | T  |
| FLYWHEEL, 10" clutch type, (R.C)                                                                              | 4    | RG. 3096   | 1      | P  |
| FLYWHEEL, 11" clutch type, (R.C)                                                                              |      | RE.10694   | 1      | T  |
| FLYWHEEL, 10" clutch type, (L.C)                                                                              |      | RG. 5543   | 1      | P  |
| FLYWHEEL, 11" clutch type, (L.C)                                                                              |      | RE. 9984   | 1      | T  |
| HOUSING, ball bearing                                                                                         | 5    | GB. 4420   | 1      |    |
| NUT, full, .312" dia., clutch cover to friction<br>plate (6) friction plate and flywheel<br>to flexible disc. | X.21 | K.         | 4009/Z | 9  |
| NUT, full, .375" dia., flexible disc and housing<br>to crankshaft                                             | X.21 | K.         | 4010/Z | 12 |
| PLATE, clutch friction 10"                                                                                    | 6    | RG. 3021   | 1      | P  |
| PLATE, clutch friction 11" (Borglite)                                                                         |      | RE.10695   | 1      | U  |
| PLATE, clutch friction 11"                                                                                    |      | GB. 5291   | 1      | V  |
| WASHER, Grover, .312" dia., clutch cover to<br>friction plate                                                 | X.81 | K.         | 4509/Z | 6  |

## GROUP E6. OIL PUMP AND RELIEF VALVE.

Comprising:

|                                                                                          |      |           |   |    |
|------------------------------------------------------------------------------------------|------|-----------|---|----|
| CAP, valve assembly with:                                                                | 1    | RE. 5974  | 1 | W  |
| Cap                                                                                      |      | E. 87826  | 1 |    |
| Pin guide                                                                                |      | RE. 5701  | 1 |    |
| Spring                                                                                   |      | EB. 5029  | 1 |    |
| CAP, valve, H.P. assembly with:                                                          |      | RE. 11036 | 1 | X  |
| Cap.                                                                                     |      | RE. 11037 | 1 |    |
| Pin guide                                                                                |      | RE. 11044 | 1 |    |
| Spring                                                                                   |      | EB. 5029  | 1 |    |
| CAP, valve L.P. with:                                                                    | 2    | RE. 5975  | 1 | W  |
| Cap                                                                                      |      | E. 87829  | 1 |    |
| Pin, guide                                                                               |      | RE. 5702  | 1 |    |
| Spring                                                                                   |      | EW. 1542  | 1 |    |
| CAP, valve L.P. with:                                                                    |      | RE. 11038 | 1 | X  |
| Cap                                                                                      |      | RE. 11039 | 1 |    |
| Pin, guide                                                                               |      | RE. 11045 | 1 |    |
| Spring                                                                                   |      | EW. 1542  | 1 |    |
| CASING, relief valve, assembly, consisting of:                                           | 3    | EB. 3890  | 1 | W  |
| Casing                                                                                   |      | EB. 3890  | 1 |    |
| Plug, core hole                                                                          |      | E. 84973  | 2 |    |
| Seating, L.P. valve                                                                      |      | E. 87055  | 1 |    |
| Seating, H.P. valve                                                                      |      | E. 87056  | 1 |    |
| CASING, relief valve, assembly, consisting of:                                           |      | RE. 11059 | 1 | XH |
| Casing                                                                                   |      | RE. 11033 | 1 |    |
| Plug, core hole                                                                          |      | E. 84973  | 2 |    |
| Seating, L.P. valve                                                                      |      | RE. 11035 | 1 |    |
| Seating, H.P. valve                                                                      |      | RE. 11034 | 1 |    |
| CASING, relief valve, assembly, as above except:<br>for casing and plug E. 84973 (3) off |      | RE. 14647 | 1 | J  |
| CASING, oil pump, assembly, consisting of:                                               | 4    | RE. 9863  | 1 |    |
| Bush, shaft lower                                                                        |      | EB. 3905  | 1 |    |
| Bush, shaft upper                                                                        |      | EB. 3904  | 1 |    |
| Casing                                                                                   |      | RE. 3927  | 1 |    |
| Cover                                                                                    |      | EB. 3896  | 1 |    |
| Pin, taper, .156" x 1.000" long                                                          | X.33 | K. 4710   | 1 |    |
| Spindle, driven gear                                                                     |      | EB. 3906  | 1 |    |
| Stud, 2 BA, union lock plate                                                             | X.63 | KB. 250/Z | 1 |    |
| Stud, .250" dia., cover retaining                                                        | X.68 | KB. 352/Z | 6 |    |
| CONNECTION, banjo, relief valve                                                          | 5    | E. 85380  | 1 |    |

GROUP E6. (Continued Overleaf)

## GROUP E6. OIL PUMP AND RELIEF VALVE. (Continued)

|                                                                  |      |            |   |   |
|------------------------------------------------------------------|------|------------|---|---|
| FLOAT, suction pipe assembly                                     | 6    | RE. 4028   | 1 |   |
| GEAR, driven, pump chamber, assembly, with<br>bush E.86835 1 off | 7    | EB. 9760   | 1 |   |
| GEAR, driving, pump chamber                                      | 8    | EB. 3898   | 1 |   |
| JOINT, valve cap H.P. .812" dia.                                 | X.83 | KB. 1089   | 1 |   |
| JOINT, valve, cap L.P. .875" dia.                                | X.83 | KB. 1083   | 1 |   |
| KEY, Woodruff, gear chamber                                      | X.18 | KC. 501    | 1 |   |
| LOCK, plate, delivery plate union nut                            | 9    | EB. 3903   | 1 |   |
| NUT, full, 2 BA, union lock plate                                | X.21 | K. 4006/Z  | 1 |   |
| NUT, full, .250" dia., cover                                     | X.21 | K. 4008/Z  | 6 |   |
| NUT, half, .312" dia., chamber gear to drive<br>shaft            | X.24 | K. 4313/Z  | 1 |   |
| PIN, taper, .125" dia., x 1.000" long,<br>suction pipe           | X.32 | K. 4802    | 1 |   |
| PIPE, delivery, assembly, consisting of:                         | 10   | RE. 9853   | 1 |   |
| Flange                                                           |      | EB. 3902   |   |   |
| Nipple                                                           |      | E. 86663   | 1 |   |
| Nut                                                              |      | E. 86653   | 1 |   |
| Pipe                                                             |      | EB. 3901   | 1 |   |
| PUMP, oil assembly, complete                                     |      | RE. 9862   | 1 |   |
| SHAFT, driving oil pump                                          | 11   | RE. 13399  | 1 | * |
| UNION, delivery pipe, pump casing                                | 12   | E. 86643   | 1 |   |
| UNION, .312" dia., pipe relief valve                             | 13   | EB. 4174   | 1 | H |
| VALVE, H.P. & L.P.                                               | 14   | E. 87823   | 2 |   |
| WASHER, aluminium, banjo connection                              | 15   | RE. 3523   | 2 |   |
| WASHER, aluminium, .625" dia., union                             | X.83 | KB. 1081   | 1 | H |
| WASHER, aluminium, .875" dia., delivery<br>pipe union            | X.83 | KB. 1083   | 1 |   |
| WASHER, lock, 2 B.A, union lock plate stud                       | X.89 | KB. 7104   | 1 |   |
| WASHER, lock, .250" dia., cover stud                             | X.89 | KB. 7106   | 6 |   |
| WASHER, plain, 2 BA, union lock plate stud                       | X.85 | KB. 4404/Z | 1 |   |
| WASHER, plain, .312" dia., drive shaft                           | X.85 | K. 4410/Z  | 1 |   |

NOTE: \* The new type drive shaft is integral with the gear.  
Key and taper pin no longer used.

## GROUP E7. SPRING DRIVE.

Comprising:

|                                                                  |   |          |   |   |
|------------------------------------------------------------------|---|----------|---|---|
| BOLT, damper wheel                                               | 1 | RE. 3946 | 6 | L |
| CAP, thrust, spring retaining                                    |   | EW. 1987 | 8 | K |
| DOG, driven assembly, with bush EW.938 1 off                     |   | RE. 145  | 1 | K |
| DOG, starting                                                    |   | EW. 1056 | 1 | K |
| DOG, starting                                                    | 2 | RE. 4033 | 1 | L |
| DRUM, friction                                                   | 3 | RE. 6714 | 1 |   |
| FLYWHEEL, damper rear, assembly with 2 BA,<br>stud KB.656 12 off |   | EW. 931A | 1 | K |
| FLYWHEEL, front assembly, with bush EB.3225<br>1 off             |   | RE. 7147 | 1 | K |

GROUP E7. (Continued Overleaf)

## GROUP E7. SPRING DRIVE. (Continued)

|                                                                              |      |           |    |    |
|------------------------------------------------------------------------------|------|-----------|----|----|
| HUB, wheel assembly with bearing RE.3937<br>1 off                            | 4    | RE.4032A  | 1  | L  |
| KEY, Woodruff, front flywheel to pulley                                      | X.18 | KC. 503   | 1  | K  |
| KEY, Woodruff, pulley, .125" thick                                           | X.18 | KC. 505   | 1  | AL |
| KEY, Woodruff, pulley, .1255" thick                                          |      | KC. 506   | 1  | AL |
| KEY, Woodruff, pulley, .1260" thick                                          |      | KC. 507   | 1  | AL |
| KEY, Woodruff, pulley, .1265" thick                                          |      | KC. 508   | 1  | AL |
| NUT, Cap fan pulley retaining                                                |      | EW.1057   | 1  | K  |
| NUT, crankshaft, driving drum retaining                                      | 5    | EB.3227   | 1  |    |
| NUT, half, 2 BA, front to rear flywheel stud                                 | X.21 | K. 4006   | 12 | K  |
| NUT, half, .250" dia., damper wheels and pinion                              | X.24 | K. 4310/Z | 10 | L  |
| NUT, half, .250" dia., front flywheel to driven<br>dog retaining             | X.24 | K. 4310/Z | 4  | K  |
| NUT, withdrawal, fan pulley                                                  |      | E.54555   | 1  | K  |
| PIECE, distance, pinion to driven dog assembly<br>with stud, RE.214, 4 off   |      | RE. 162A  | 1  | K  |
| PIN, dog driving                                                             |      | RE.163    | 2  | K  |
| PINION, crankshaft, 27 teeth                                                 |      | RE.146    | 1  | K  |
| PINION, assembly consisting of:                                              | 6    | RE.3938   | 1  | L  |
| Bearing                                                                      |      | RE.3936   | 1  |    |
| Pinion                                                                       |      | RE.3938   | 1  |    |
| Stud, .250" dia.,                                                            |      | KB. 352/Z | 4  |    |
| PLATE, dog locking                                                           |      | RE.4034   | 1  |    |
| PLATE, pressure assembly consisting of:                                      |      | EW. 934A  | 1  | K  |
| Plate                                                                        |      | EW. 934   | 1  |    |
| Rivet, .125" dia.,                                                           | X.40 | KB.1854   | 24 |    |
| Spigot, springs                                                              |      | EW.1986   | 8  |    |
| Spring                                                                       |      | EB.2644   | 1  |    |
| PLATE, spring assembly consisting of:                                        | 8    | RE.3942A  | 1  | L  |
| Plate, pressure                                                              |      | RE.3941   | 1  |    |
| Plate, spring                                                                |      | RE.3942   | 1  |    |
| Rivet, .125" dia..                                                           | X.40 | KB.1854   | 12 |    |
| Rivet, .125" dia.                                                            | X.40 | KB.1866   | 6  |    |
| Spigot, damper spring                                                        |      | RE.3944   | 6  |    |
| PLATE, star locking starting dog                                             |      | EW.1097   | 1  | K  |
| PULLEY, fan                                                                  |      | EB.5014   | 1  | K  |
| PULLEY, fan                                                                  | 9    | RE.4031   | 1  | L  |
| SCREW, cheese head, .250" dia. lockplate                                     | X.47 | K.2010/Z  | 2  | L  |
| SCREW, 3 BA, star plate to pulley retaining                                  | X.45 | K.1801/A  | 5  | K  |
| SCREW, countersunk head, 2 BA, crankshaft<br>pinion to driven dog, retaining | X.50 | K.2819    | 2  | K  |
| SPRING, damper                                                               | 10   | RE.3943   | 6  | L  |
| SPRING, driving inner                                                        | 11   | E.57758   | 8  |    |
| SPRING, driving outer                                                        | 12   | E.58239   | 8  |    |
| SPRING, thrust front flywheel                                                |      | EW.1347   | 8  | K  |
| WASHER, damper springs                                                       | X.86 | K. 8808/Z | -  | ZB |
| WASHER, friction cotton                                                      | 13   | EW.935    | 2  |    |
| WASHER, locking crankshaft nut                                               | 14   | EB.3228   | 1  |    |
| WASHER, lock, damper wheel bolt                                              | 15   | RE.3947   | 6  | L  |
| WASHER, lock 2 BA, front to rear flywheel stud                               |      | E.54566   | 12 | K  |

GROUP E7. (Continued Overleaf)

## GROUP E7. SPRING DRIVE. (Continued)

|                                                               |      |           |   |   |
|---------------------------------------------------------------|------|-----------|---|---|
| WASHER, lock, .250" dia., front flywheel<br>to driven dog nut | X.89 | KB. 2954  | 4 | K |
| WASHER, lock, thrust spring cap                               | X.89 | KB. 2961  | 8 | K |
| WASHER, plain, crankshaft nut                                 | 16   | EB. 3226  | 1 |   |
| WASHER, spring, 3 BA, star plate retaining<br>screw           | X.87 | K. 9005   | 5 | K |
| WASHER, thrust spring adjusting                               |      | EW. 1708  | 8 | K |
| WASHER, spring, .250" dia., lockplate                         | X.87 | K. 9008/Z | 2 | L |
| WASHER, tab, locking pinion studs                             | X.89 | KB. 7106  | 4 | L |
| WHEEL, damper front                                           | 17   | RE. 4030  | 1 | L |
| WHEEL, damper rear                                            | 18   | RE. 3940  | 1 | L |

## GROUP E8. VALVE MECHANISM.

Comprising:

|                                                                                                        |      |            |   |    |
|--------------------------------------------------------------------------------------------------------|------|------------|---|----|
| ARM, rocker, inlet valve R.H. assembly with<br>bush EB.4198                                            | 1    | RE.13974   | 3 |    |
| ARM, rocker, inlet valve L.H. assembly with<br>bush EB.4198                                            | 2    | RE.13975   | 3 |    |
| CAMSHAFT, (High Lift) with studs KB.752/Z<br>4 off                                                     | 3    | RE. 5157   | 1 | FF |
| CAMSHAFT, (Low Lift) with studs KB.752/Z<br>4 off                                                      |      | RE. 6885   | 1 | GG |
| GEAR, camshaft, driving assembly with hub<br>RE.6656, not supplied separately                          | 4    | RE. 6657   | 1 | A  |
| GEAR, camshaft, aluminium                                                                              | 5    | RE. 9346   | 1 | A  |
| NUT, gear retaining (for use when stud is<br>fitted to camshaft)                                       | X.24 | K. 4310/Z  | 4 |    |
| NUT, lock, exhaust tappet adjusting                                                                    | 6    | G. 80757   | 6 |    |
| NUT, lock, inlet tappet adjusting                                                                      | 7    | E. 11588   | 6 |    |
| PACKING, inlet valve stem                                                                              | 8    | EB. 1886   | 6 |    |
| PEDESTAL, rocker shaft centre                                                                          | 9    | EB. 3993   | 1 |    |
| PEDESTAL, rocker shaft front                                                                           | 10   | EB. 3991   | 1 |    |
| PEDESTAL, rocker shaft, intermediate and rear                                                          | 11   | EB. 3992   | 1 |    |
| PLATE, locking, camshaft gear (for use with<br>aluminium gear)                                         | 12   | RE. 7172   | 1 |    |
| PLUG, .437" dia., rocker shaft ends                                                                    | X.27 | KB. 1058/Z | 2 |    |
| PLUNGER thrust                                                                                         | 13   | EB. 4024   | 1 |    |
| RING, spring, inlet valve retaining                                                                    | 14   | EB. 1747   | 6 |    |
| ROD, push, inlet valve operating                                                                       | 15   | RE.13538   | 6 |    |
| SCREW, countersunk head, 3 BA, front pedestal                                                          | X.49 | K. 2701/Z  | 1 |    |
| SCREW, exhaust tappet adjusting                                                                        | 16   | RE. 7648   | 6 |    |
| SCREW, hexagon head, .250" dia., gear to<br>camshaft (not required when stud is<br>fitted to camshaft) | X.55 | KC. 904/Z  | 4 |    |
| SCREW, inlet tappet adjusting                                                                          | 17   | RE.13539   | 6 |    |
| SHAFT, rocker                                                                                          | 18   | RE.13537   | 1 |    |
| SPRING, rocker                                                                                         | 19   | RE.13536   | 4 | *  |
| SPRING, thrust                                                                                         | 20   | EB. 4023   | 1 |    |
| SPRING, valve exhaust                                                                                  | 21   | RE. 3955   | 6 | HH |

GROUP E8. (Continued Overleaf)

## GROUP B8. VALVE MECHANISM. (Continued)

|                                                                         |                       |           |           |    |
|-------------------------------------------------------------------------|-----------------------|-----------|-----------|----|
| SPRING, valve exhaust                                                   |                       | RE. 3954  | 6         | J  |
| SPRING, valve inner, inlet                                              | 22                    | E. 86364  | 6         | FF |
| SPRING, valve outer, inlet                                              | 23                    | E. 88325  | 6         | FF |
| SPRING, valve inner, inlet                                              |                       | RE. 6793  | 6         | GG |
| SPRING, valve outer, inlet                                              |                       | RE. 6794  | 6         | GG |
| TAPPET, exhaust valve                                                   |                       |           | 6         |    |
| 1.18675 to 1.1870                                                       | <u>Blue</u>           | 24        | RE. 11782 |    |
| 1.1870 to 1.18725                                                       | <u>GREEN</u>          |           | RE. 11783 |    |
| 1.18725 to 1.1875                                                       | <u>YELLOW</u>         |           | RE. 12971 |    |
| 1.1875 to 1.18775                                                       | <u>BLACK</u>          |           | RE. 12972 |    |
| 1.18775 to 1.1880                                                       | <u>BLACK + YELLOW</u> |           | RE. 15178 |    |
| 1.1880 to 1.18825                                                       | <u>GREEN + YELLOW</u> |           | RE. 15179 |    |
| TAPPET inlet valve                                                      |                       |           | 6         |    |
| 1.18675 to 1.1870                                                       | 25                    | RE. 15164 |           |    |
| 1.1870 to 1.18725                                                       |                       | RE. 15165 |           |    |
| 1.18725 to 1.1875                                                       |                       | RE. 15166 |           |    |
| 1.1875 to 1.18775                                                       |                       | RE. 15167 |           |    |
| 1.18775 to 1.1880                                                       |                       | RE. 15168 |           |    |
| 1.1880 to 1.18825                                                       |                       | RE. 15169 |           |    |
| VALVE, exhaust                                                          | 26                    | RE. 3043  | 6         |    |
| VALVE, inlet                                                            | 27                    | EB. 3853  | 6         |    |
| WASHER, aluminium, .437" dia. rocker shaft plug                         | X.83                  | KB. 1079  | 2         |    |
| WASHER, lock, .250" dia., gear to camshaft screw                        | X.89                  | KB. 7106  | 4         |    |
| WASHER, valve, spring exhaust bottom (to suit flanged valve guides)     | 28                    | RE. 5892  | 6         | KK |
| WASHER, valve spring exhaust, bottom (to suit non-flanged valve guides) |                       | RE. 3073  | 6         | JJ |
| WASHER, valve spring exhaust bottom                                     |                       | RE. 976   | 6         | J  |
| WASHER, valve spring, exhaust top                                       | 29                    | RE. 5891  | 6         | KK |
| WASHER, valve spring, exhaust bottom                                    |                       | RE. 975   | 6         | J  |
| WASHER, valve spring, inlet bottom inner                                | 30                    | RE. 3679  | 6         |    |
| WASHER, valve spring, inlet bottom outer                                | 31                    | RE. 3900  | 6         |    |
| WASHER, valve spring, inlet top                                         | 32                    | B. 86941  | 6         |    |
| WEDGE, inlet and exhaust valve retaining                                | 33                    | EB. 1748  | 12        |    |

NOTE: \* Four springs have replaced two pairs of distance pieces. One spring can be used to replace any one distance piece.

## GROUP B9. WHEELCASE.

Comprising:

|                                                                           |   |           |   |    |
|---------------------------------------------------------------------------|---|-----------|---|----|
| BUTTON, camshaft thrust                                                   | 1 | RE. 3493  | 1 |    |
| CASING, assembly, dowel type, with .312" dia. stud KB.402/Z 1 off         | 2 | RE. 3473A | 1 | LL |
| CASING, assembly to suit fitting bolt with stud KB.402/Z 1 off            |   | RE. 6230  | 1 | MM |
| CASING, assembly to suit bench type spring drive with stud KB.402/Z 1 off |   | RE. 4029  | 1 | NN |

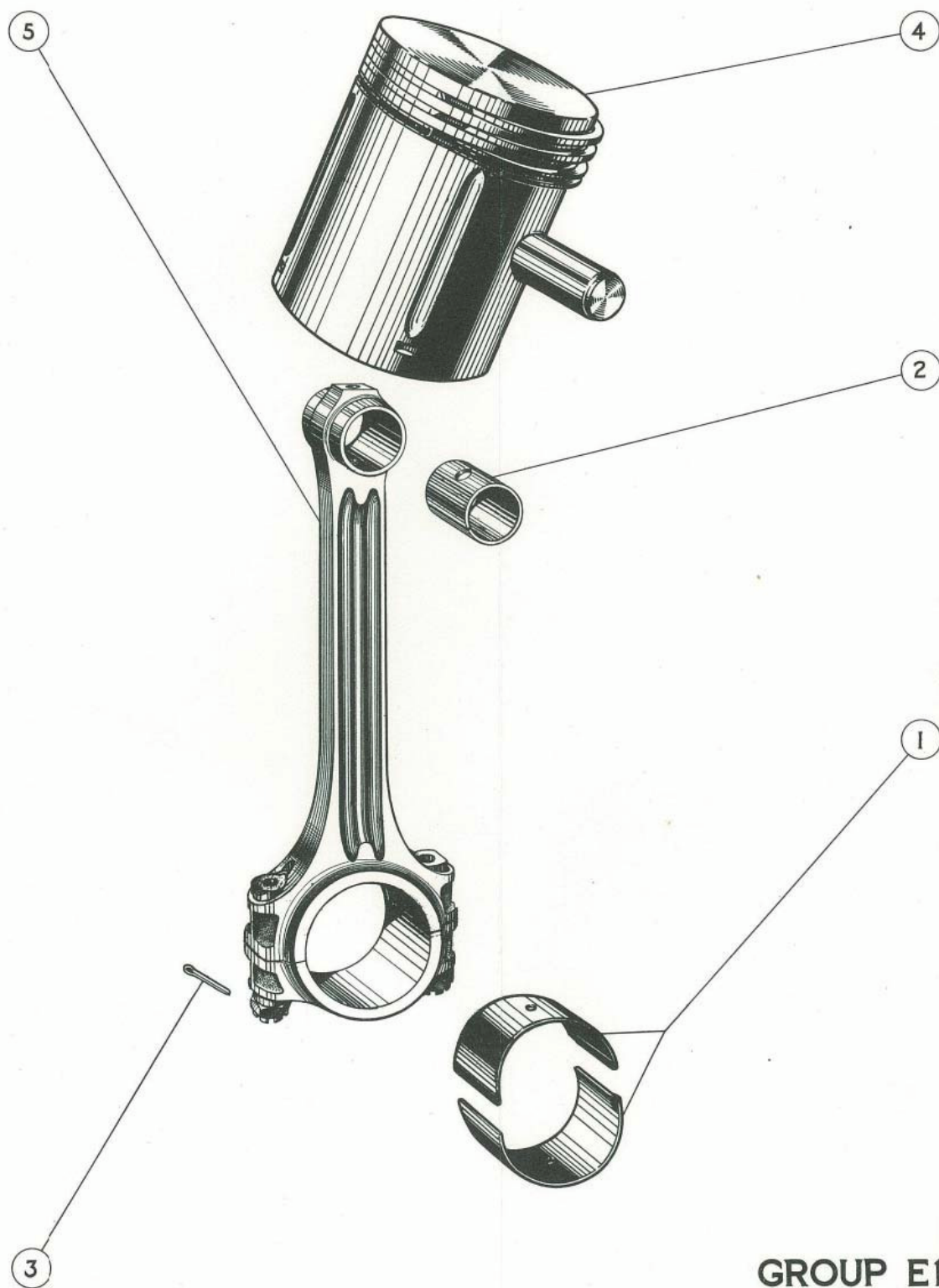
GROUP B9. (Continued Overleaf)

## GROUP E9. WHEELCASE. (Continued)

|                                                                  |      |           |   |
|------------------------------------------------------------------|------|-----------|---|
| CONNECTION, timing gear oil supply                               | 3    | EB.5017   | 1 |
| NUT, full, .312" dia., engine mounting retaining                 | X.21 | K. 4009/Z | 1 |
| NUT, half, .312" dia., camshaft thrust button retaining          | X.24 | K. 4313/Z | 1 |
| WASHER, aluminium, .312" dia., camshaft thrust button            | X.83 | KB.1077   | 1 |
| WASHER, aluminium, .437" dia., timing gear oil supply connection | X.83 | KB.1079   | 1 |
| WASHER, spring, .312" dia., engine mounting stud                 | X.87 | K. 9009/Z | 1 |

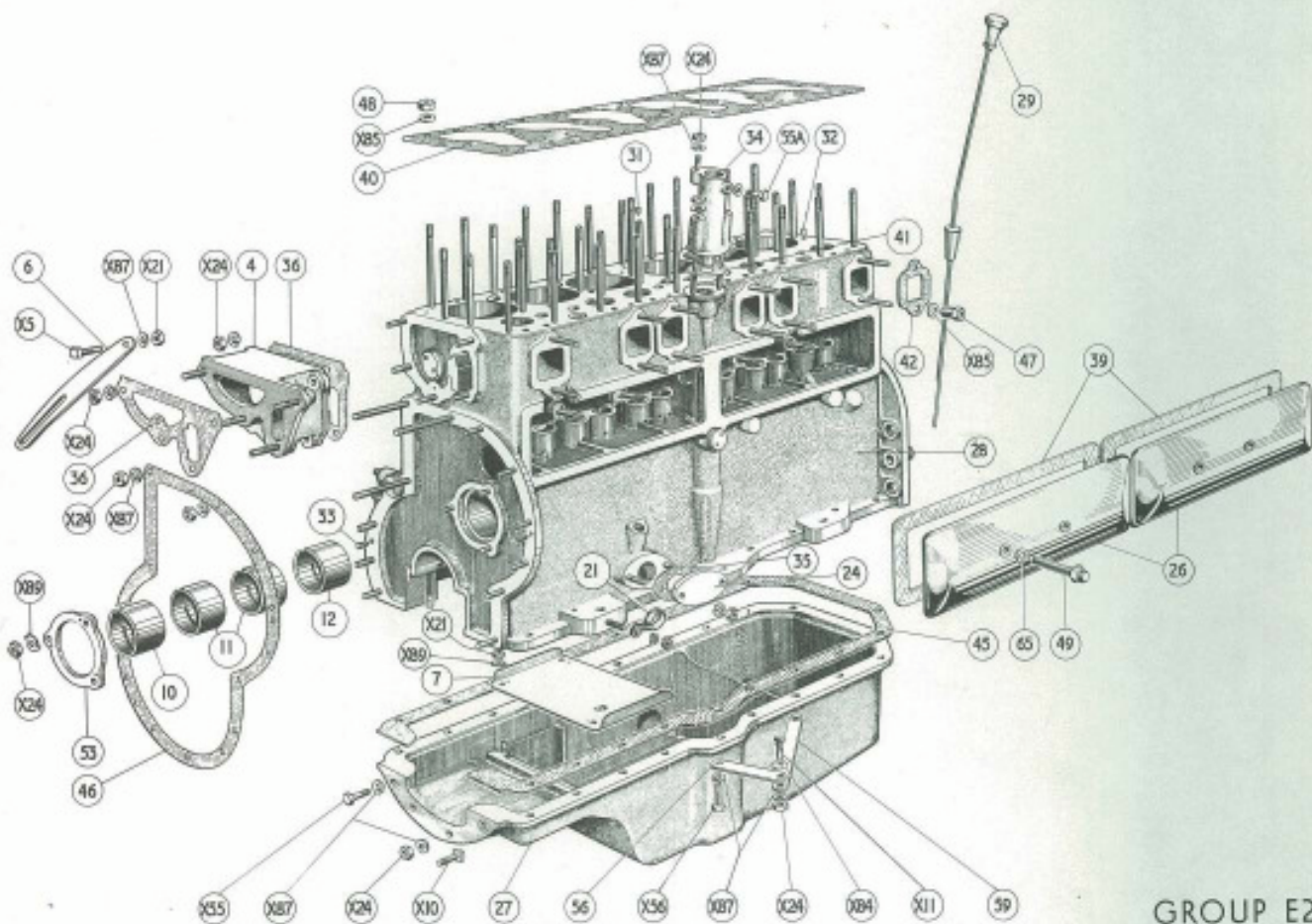
NOTE:

Only one of the engine mounting studs is screwed into the wheelcase. The remaining three pass through the wheelcase and screw into the crankcase. They will be found in Section E2.



**GROUP E1**

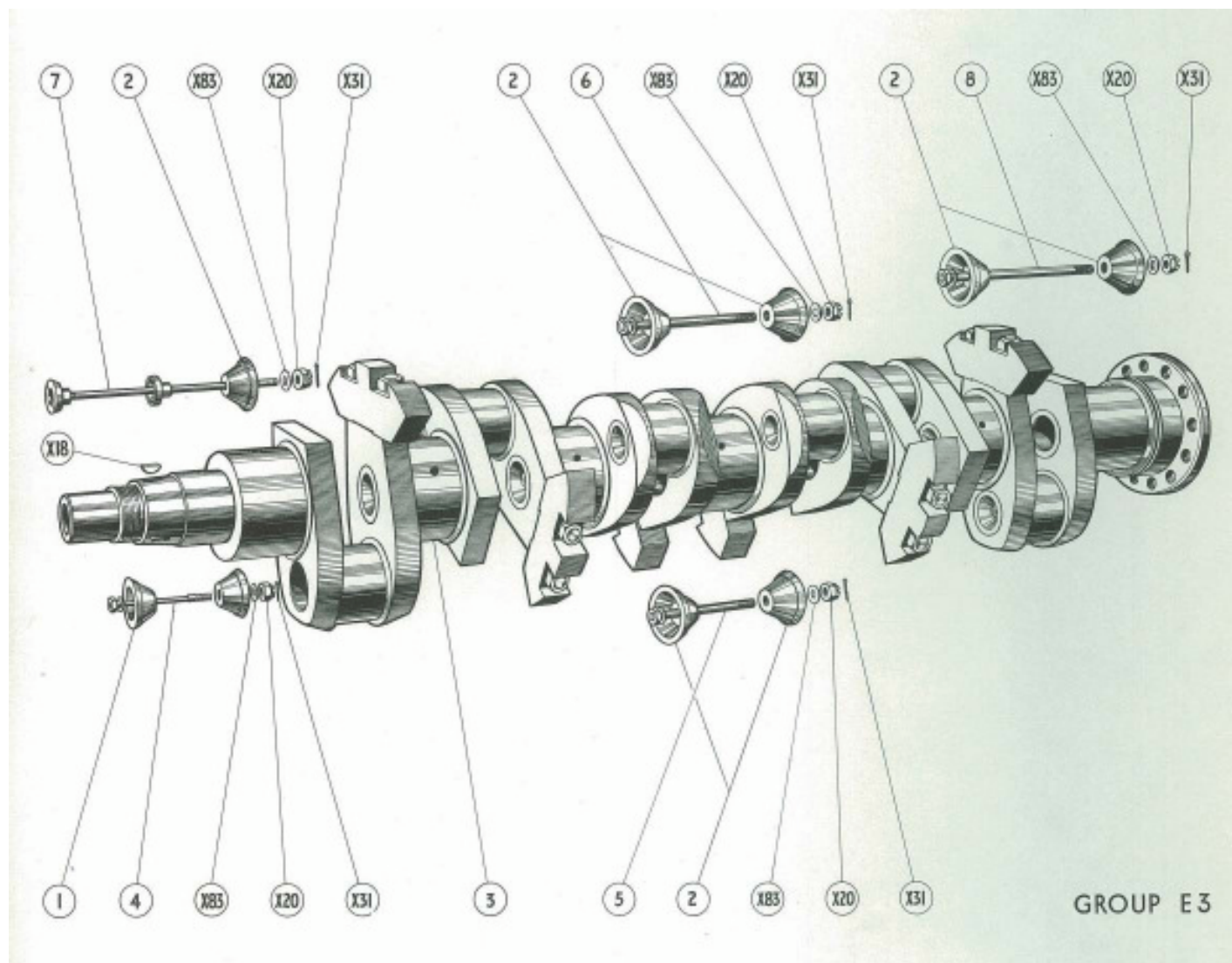


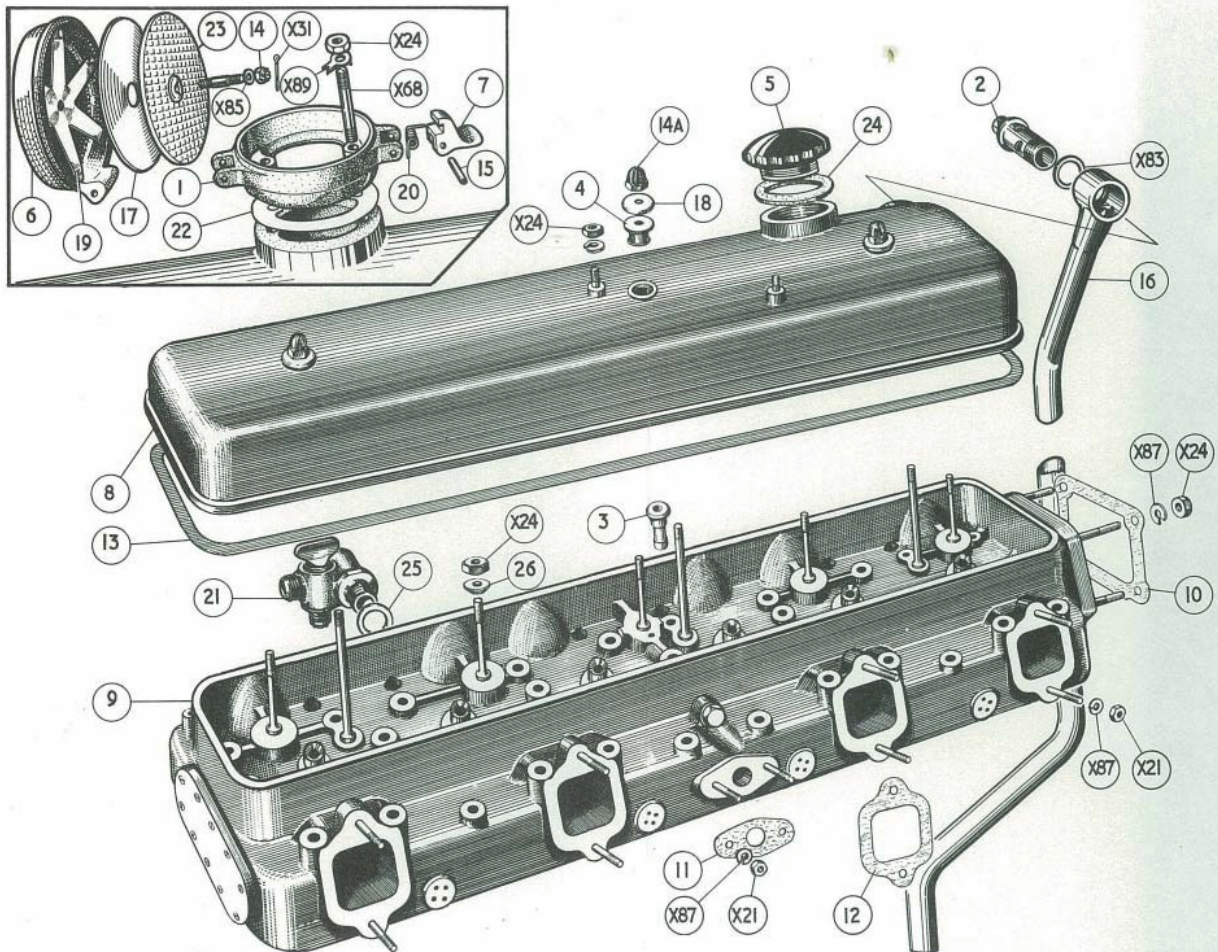


GROUP E2



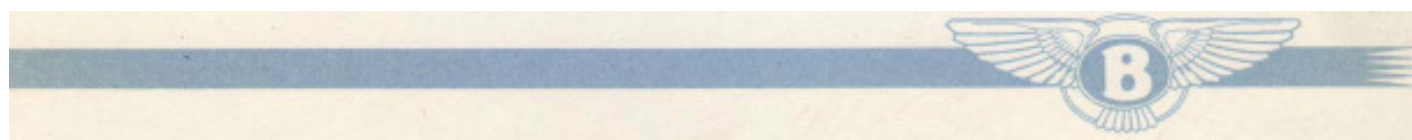
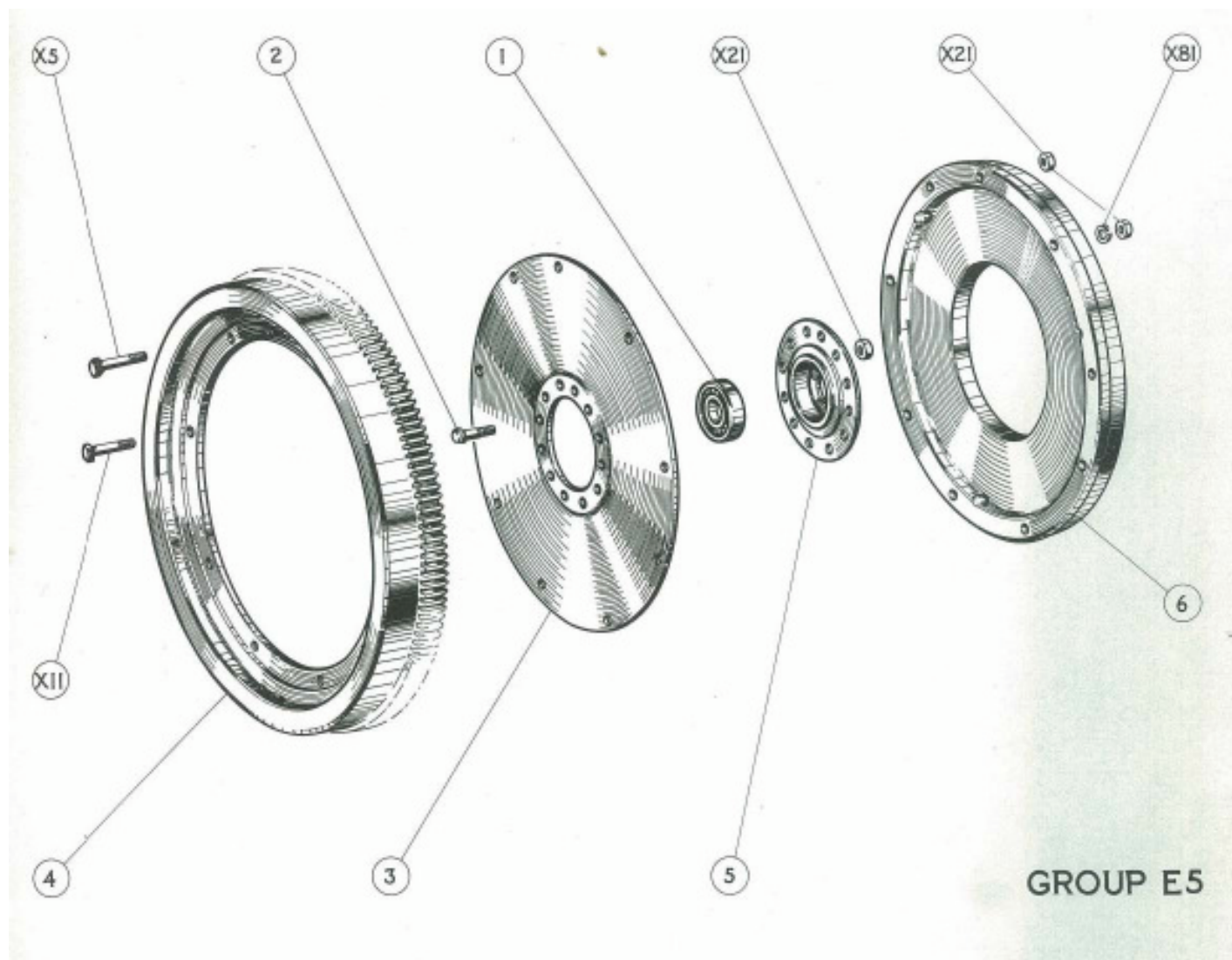


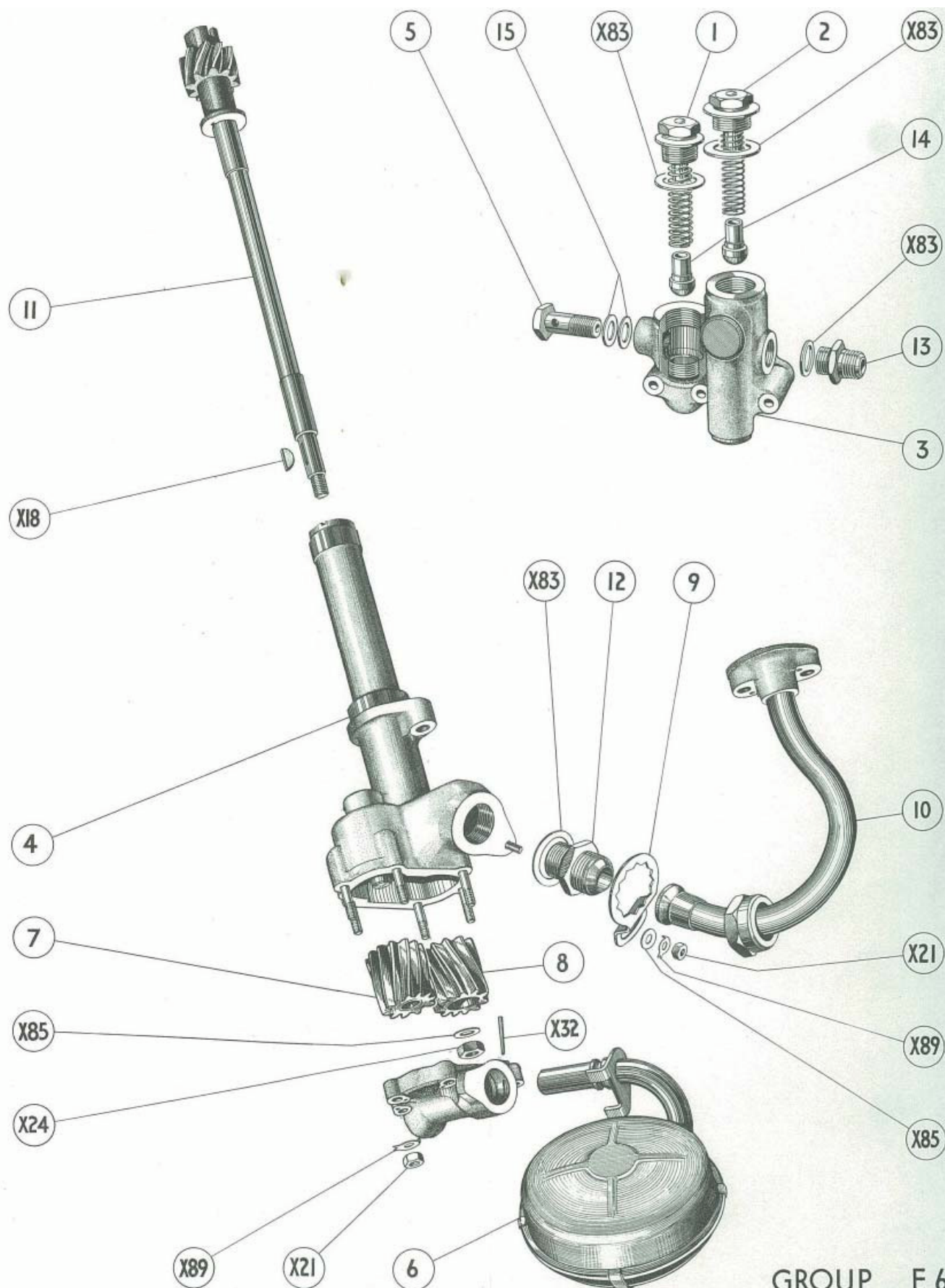




GROUP E4

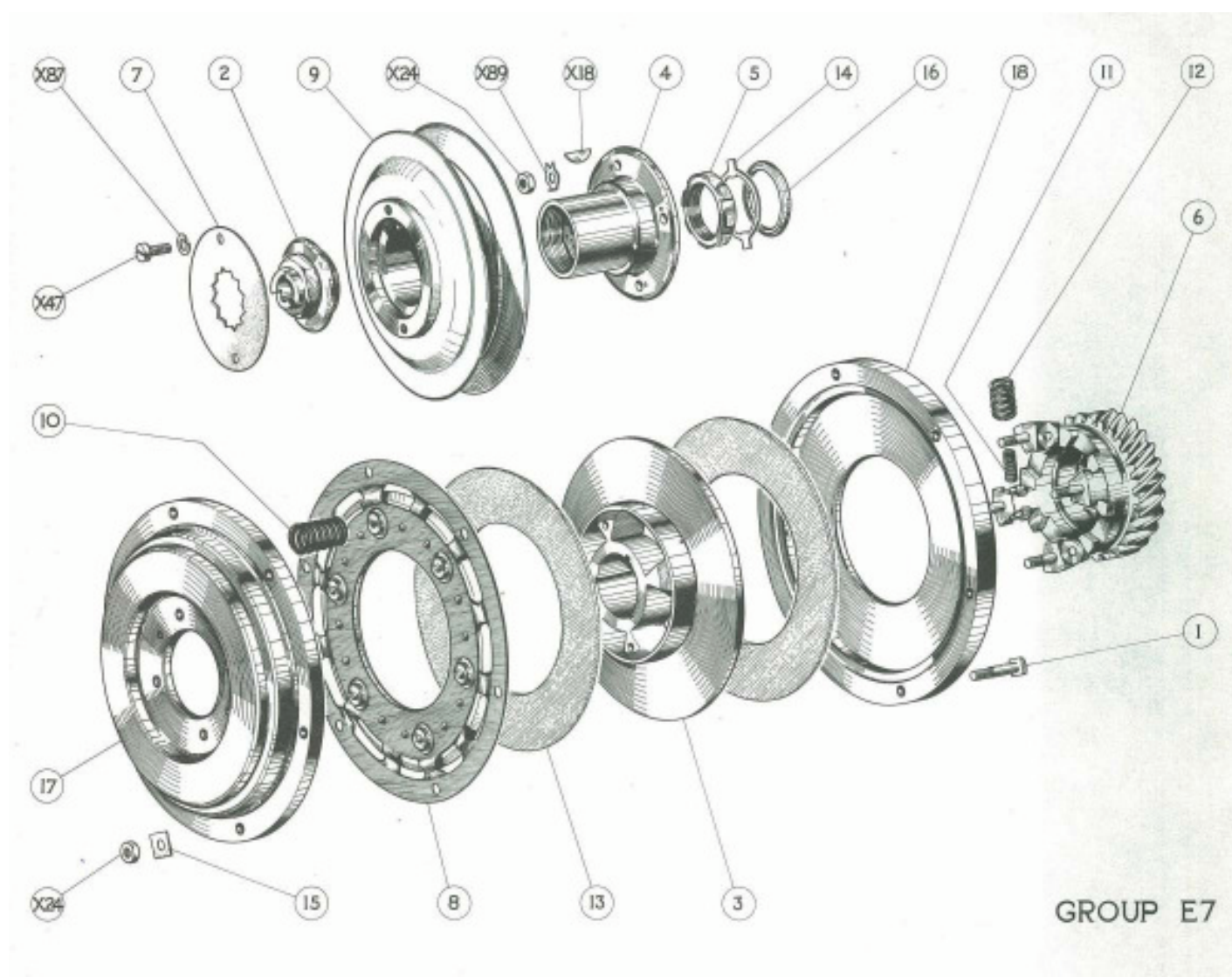


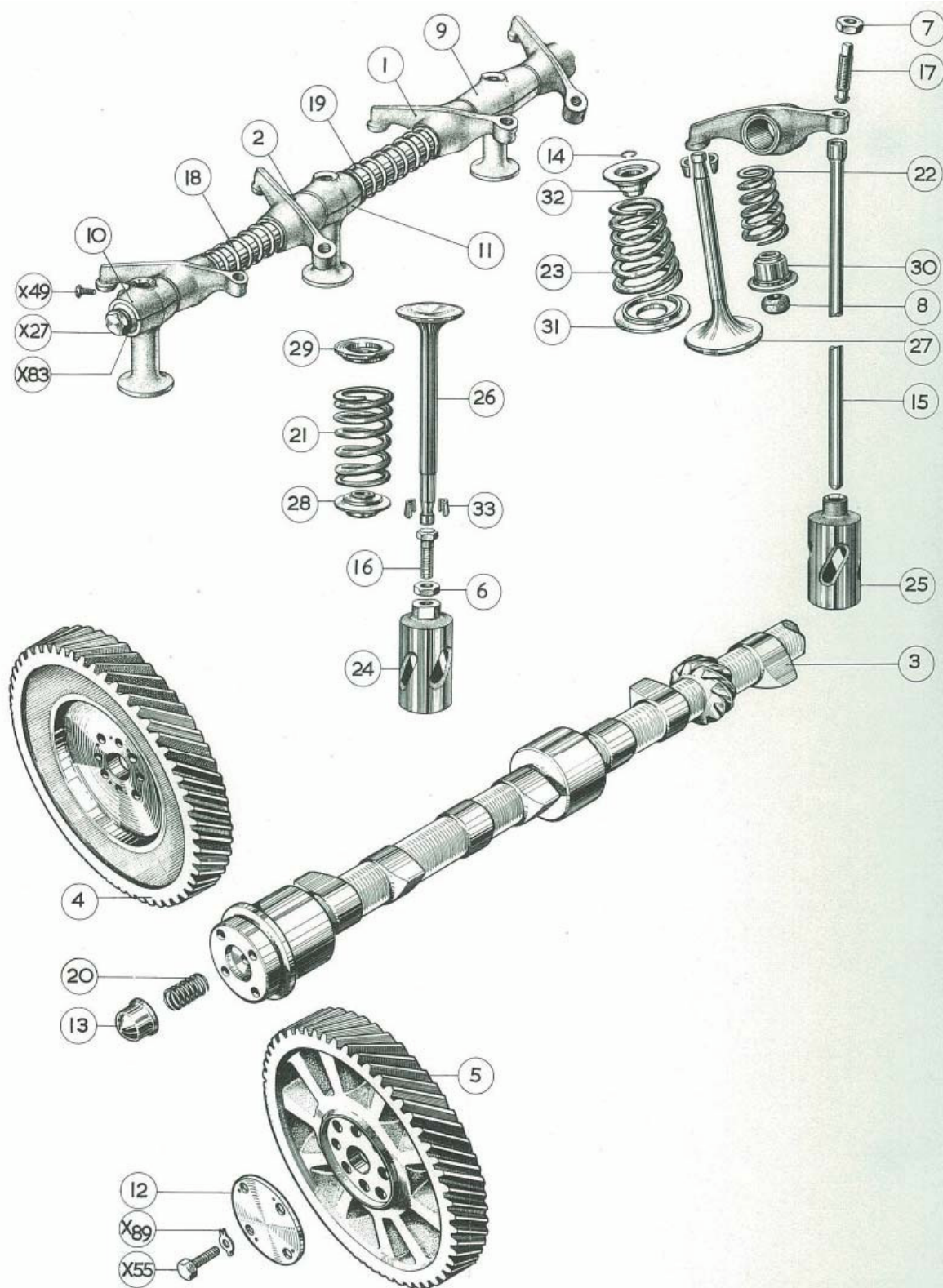




GROUP E 6

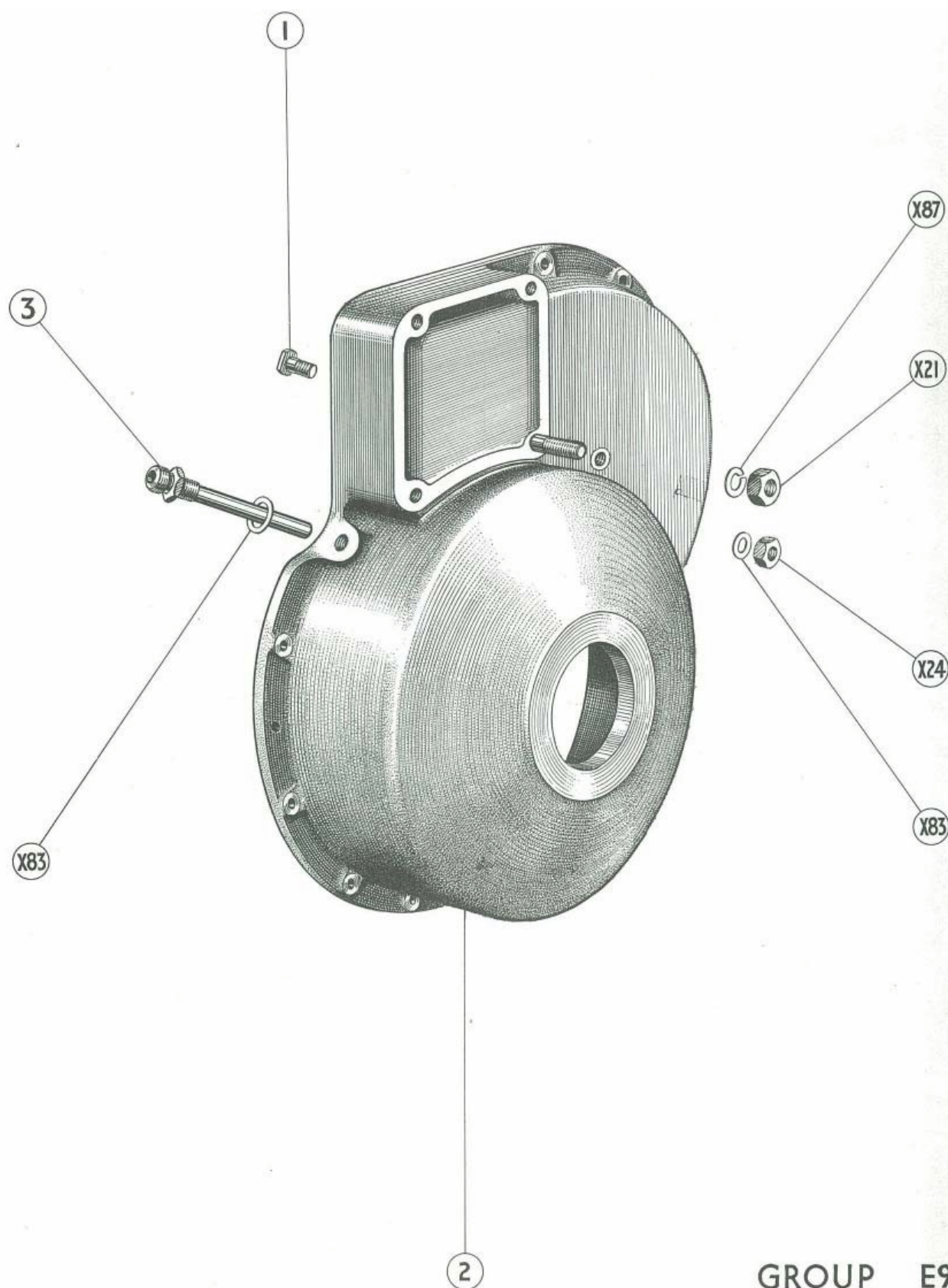






GROUP E8





GROUP E9

