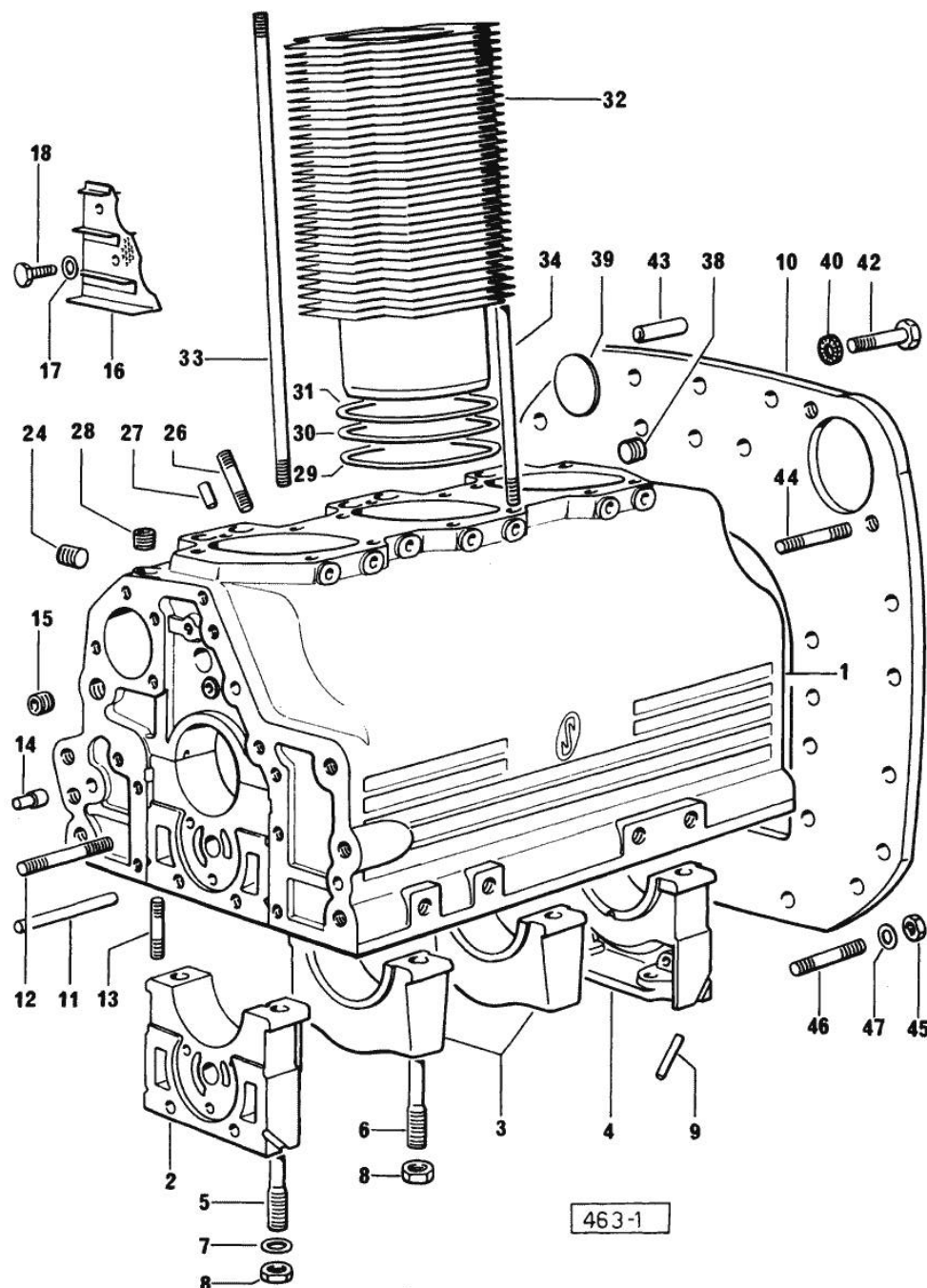


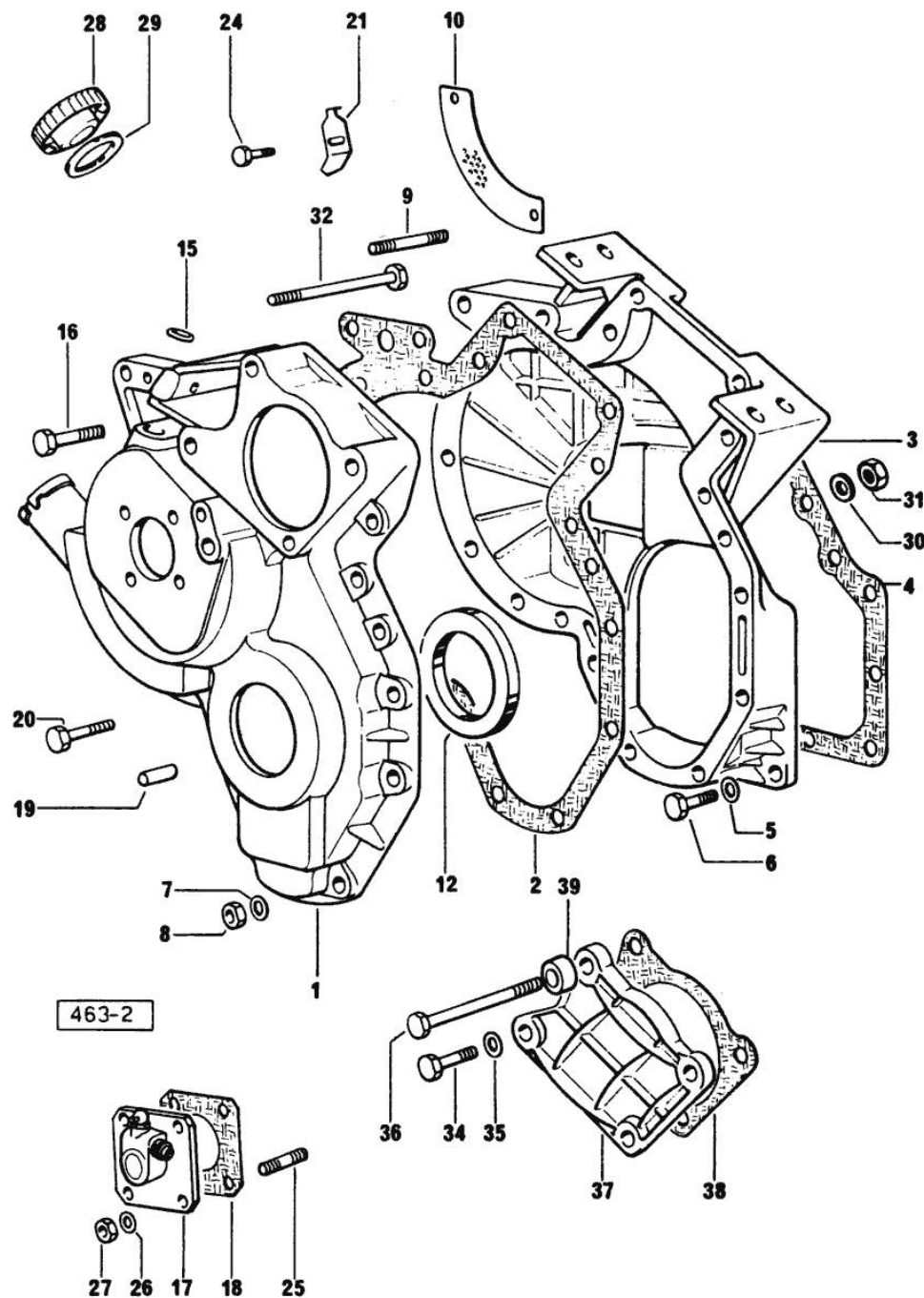
Section: ENGINE  
**CRANKCASE**



| Fig.          | P/n             | QTY | Name                                |
|---------------|-----------------|-----|-------------------------------------|
| <b>Notes:</b> |                 |     |                                     |
| [550 DT]      |                 |     |                                     |
| 0             | 0.035.0050.6/10 | 1   | gasket set<br>- FOR ENGINE MOUNTING |
| 1             | 0.035.1110.4/40 | 1   | crankcase                           |
| 2             | 0.029.1112.0    | 1   | support                             |
| 3             | 0.029.1113.0    | 2   | support                             |
| 4             | 0.029.1116.0    | 1   | support                             |
| 5             | 0.021.1157.0    | 4   | stud bolt                           |
| 6             | 0.029.1117.0    | 4   | stud bolt                           |
| 7             | 2.1599.144.7    | 8   | shoulder ring 12.5x23x4             |
| 8             | 2.1019.026.7    | 8   | special nut m 12 p.1.5              |
| 9             | 0.029.1154.0    | 4   | gasket                              |
| 10            | 0.035.1130.0    | 1   | flange                              |
| 11            | 2.1699.116.0    | 1   | pin                                 |
| 12            | 2.0432.018.1    | 5   | stud bolt m 8 p.1.25 / p.1 x 65     |
| 13            | 2.0432.003.1    | 24  | stud bolt m 8 p.1.25 / p.1 x 20     |
| 14            | 2.1699.021.0    | 1   | pin 7.8x8x20                        |
| 15            | 2.3130.002.1    | 1   | plug 1/4" gas                       |
| 16            | 0.029.1155.2/20 | 1   | plate                               |
| 17            | 2.1470.002.2    | 2   | lock washer 6                       |
| 18            | 2.0112.002.2    | 2   | screw m 6 p.1 x 10                  |
| 24            | 2.3139.001.1    | 3   | plug                                |
| 26            | 2.0432.267.1    | 2   | stud bolt m 12 p.1.75-1.25x60       |
| 27            | 2.1653.708.0    | 1   | pin 8x18                            |
| 28            | 2.3130.001.1    | 3   | plug 1/8" gas                       |
| 29            | 2.1569.055.0    | 3   | shim                                |
| 30            | 2.1589.037.0    | 3   | shim                                |
| 31            | 2.1589.036.0    | 3   | shim                                |
| 32            | 0.036.1120.0/10 | 3   | engine cylinder                     |
| 33            | 0.039.1122.0    | 12  | stud bolt m 12 p.1.5x310            |
| 34            | 0.037.1122.0    | 3   | stud bolt                           |
| 38            | 2.3130.002.1    | 1   | plug 1/4" gas                       |
| 39            | 2.3170.022.1    | 1   | expansion plug 60                   |
| 40            | 2.1470.008.2    | 2   | lock washer 14                      |
| 42            | 2.0112.511.1    | 11  | screw m 14 p.2 x 30                 |
| 43            | 2.1652.911.0    | 2   | cylindrical plug 12x25              |
| 44            | 2.0439.086.2    | 2   | stud bolt                           |
| 45            | 2.1011.421.2    | 2   | nut m 10 p.1.25                     |
| 46            | 2.0432.153.1    | 2   | stud bolt m 10 p.1.5 / p.1.25 x 20  |
| 47            | 2.1474.010.2    | 2   | washer 10                           |

## Section: ENGINE

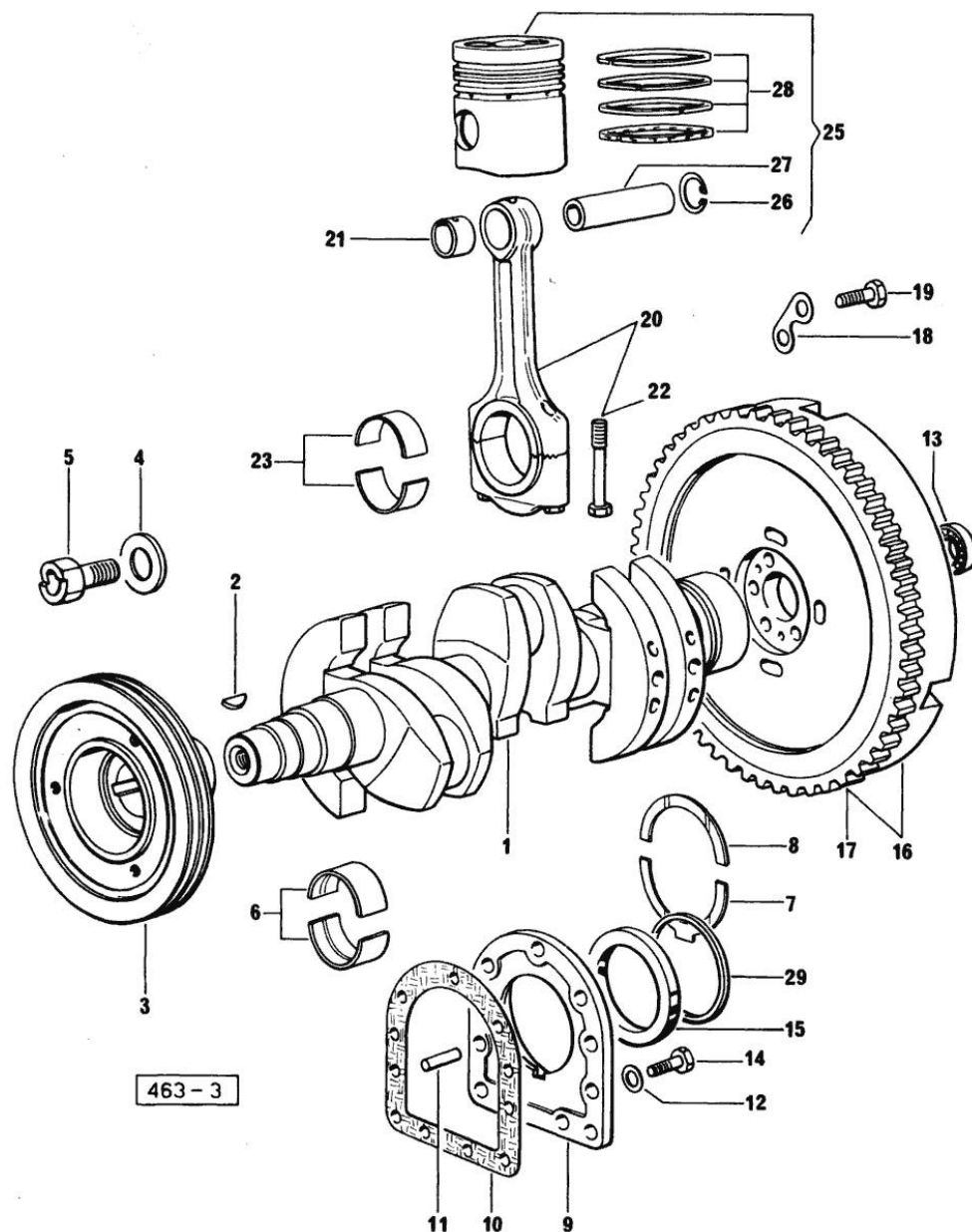
## TIMING CASE



Notes:  
[550 DT]

| Fig. | P/n             | QTY | Name                      |
|------|-----------------|-----|---------------------------|
| 1    | 0.027.1155.0/40 | 1   | guard                     |
| 2    | 0.027.1156.0    | 1   | gasket                    |
| 3    | 0.027.1154.0/30 | 1   | flange                    |
| 4    | 0.029.1153.0/10 | 1   | gasket                    |
| 5    | 2.1474.009.1    | 8   | spring washer 8           |
| 6    | 2.0112.207.2    | 8   | screw m 8 p 1.25 x 20     |
| 7    | 2.1474.009.1    | 15  | spring washer 8           |
| 8    | 2.1121.105.2    | 15  | nut m 8 x 1               |
| 9    | 2.0439.060.2    | 3   | stud bolt m 8 p.1.25-1x22 |
| 10   | 0.027.1152.0/20 | 1   | small plate               |
| 12   | 2.1519.010.0    | 1   | special oil seal 58x80x10 |
| 15   | 2.1530.028.0    | 1   | oil seal 11.91 x 2.62     |
| 16   | 2.0122.222.2    | 1   | screw                     |
| 17   | 2.7049.210.0/20 | 1   | transmission              |
| 18   | 0.026.1150.0    | 1   | gasket                    |
| 19   | 2.1653.711.0    | 1   | pin                       |
| 20   | 2.0122.213.2    | 4   | screw m 8 p.1x35          |
| 21   | 0.027.1150.0/10 | 1   | index                     |
| 24   | 2.0112.204.2    | 1   | screw m 8 p.1.25x14       |
| 25   | 2.0439.055.1    | 4   | stud bolt m 6 p.1 x 18    |
| 26   | 2.1470.002.2    | 4   | lock washer 6             |
| 27   | 2.1011.103.2    | 4   | nut m 6 p.1               |
| 28   | 0.022.1135.3    | 1   | plug                      |
| 29   | 2.1569.048.0    | 1   | gasket                    |
| 30   | 2.1474.009.1    | 2   | spring washer 8           |
| 31   | 2.1121.105.2    | 3   | nut m 8 x 1               |
| 32   | 2.0122.225.2    | 2   | screw m 8 p.1x80          |
| 34   | 2.0112.211.2    | 2   | screw m 8 p.1.25 x 30     |
| 35   | 2.1474.009.1    | 2   | spring washer 8           |
| 36   | 2.0122.233.2    | 2   | screw                     |
| 37   | 0.029.1163.0    | 1   | small cover               |
| 38   | 0.054.1155.0    | 1   | gasket                    |
| 39   | 2.1579.191.2    | 2   | spacer 8.5 x 18 x 20      |

Section: ENGINE  
**CRANKSHAFT**

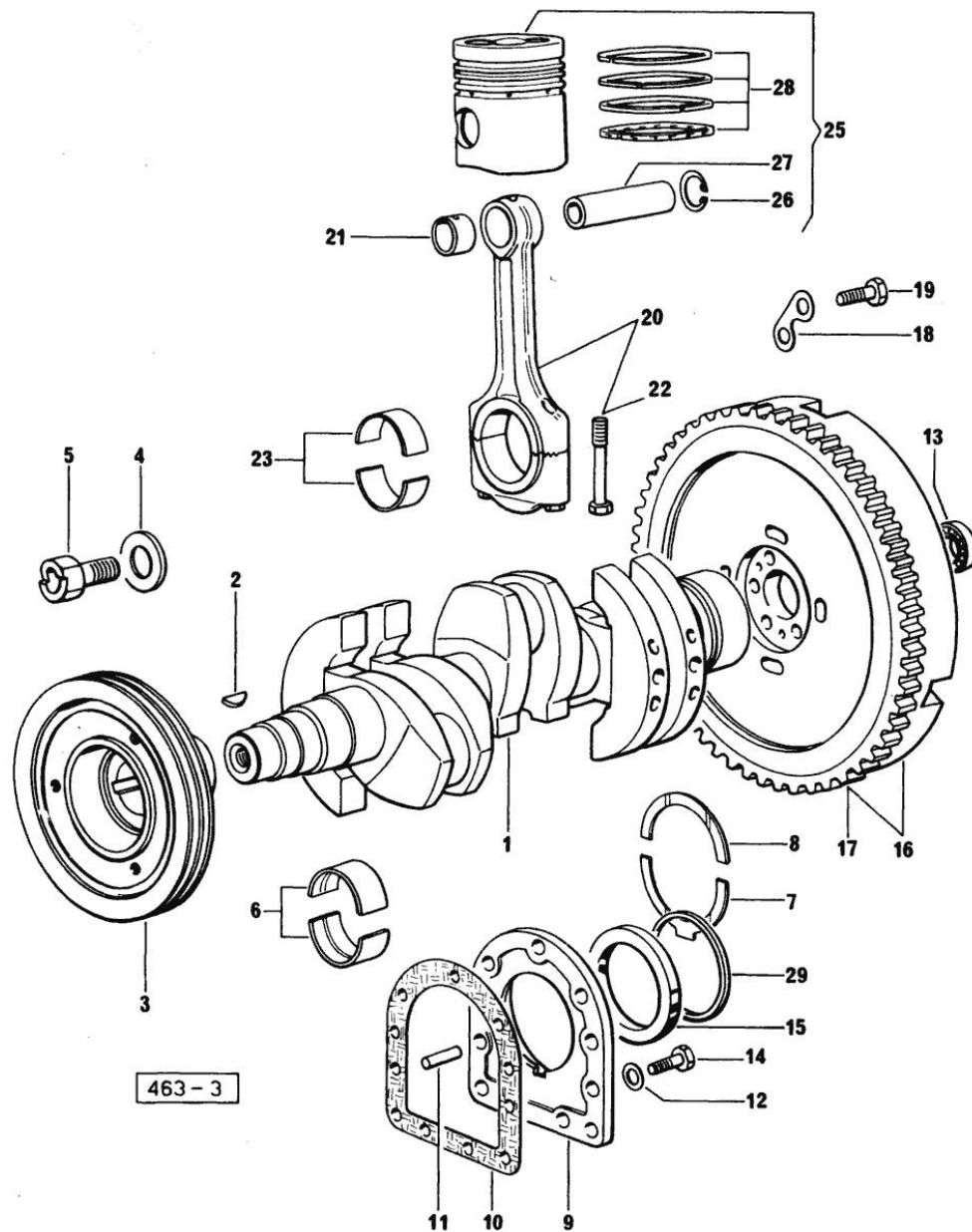


| Fig. | P/n | QTY | Name |
|------|-----|-----|------|
|------|-----|-----|------|

Notes:  
 [550 DT]

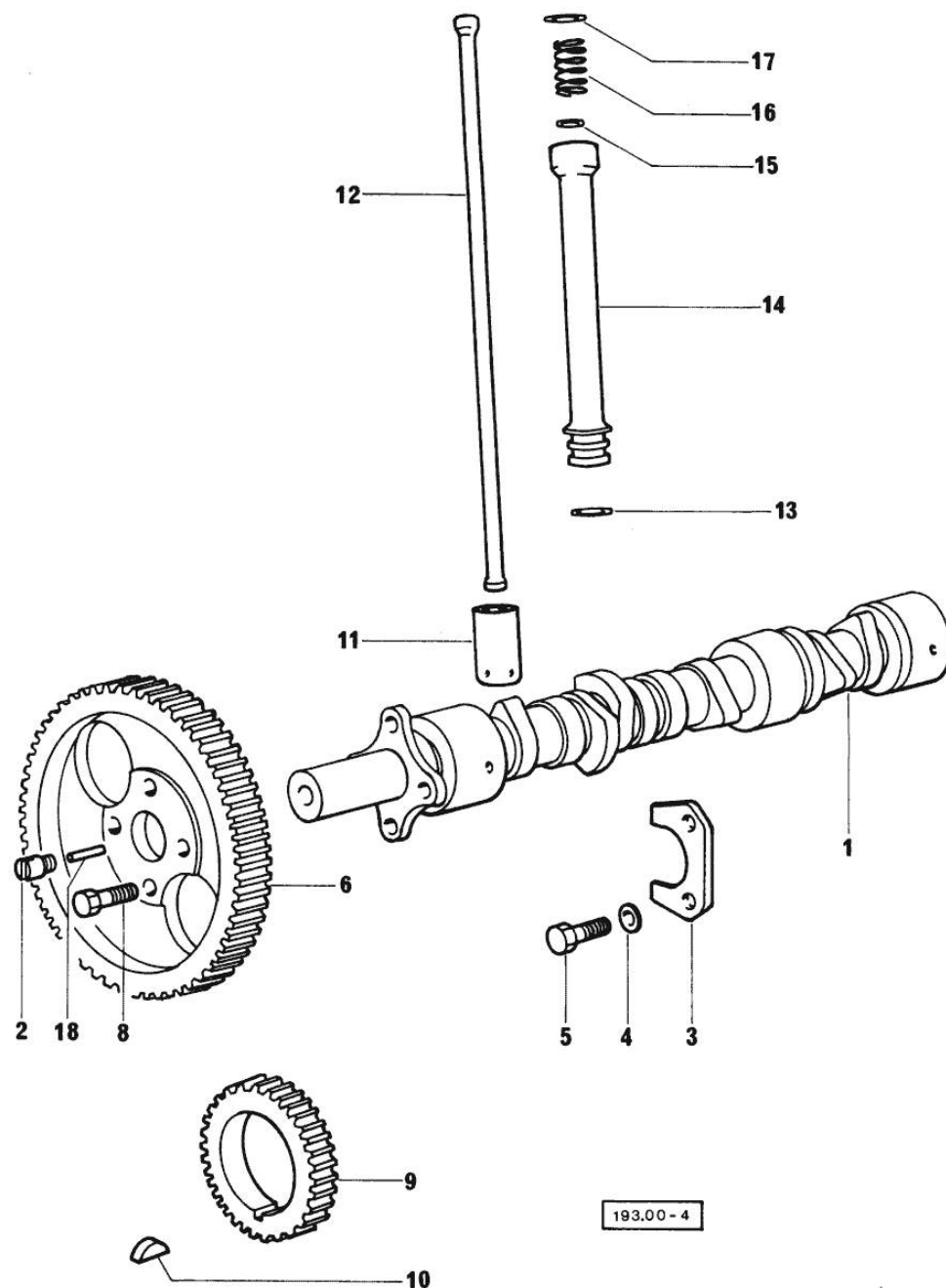
|    |                 |   |                                 |
|----|-----------------|---|---------------------------------|
| 1  | 0.053.1210.4/10 | 1 | crankshaft                      |
| 2  | 2.1799.026.0    | 1 | key 10x10                       |
| 3  | 0.035.1268.0    | 1 | pulley                          |
| 4  | 0.001.6020.0    | 1 | shoulder                        |
| 5  | 2.0129.032.2    | 1 | screw m 24 p.2x45               |
| 6  | 0.029.0066.0    | 8 | main half bushing - mm 1.00     |
| 6  | 0.029.1215.0/10 | 8 | main half bushing               |
| 6  | 0.029.1215.7    | 8 | main half bushing - mm 0.25     |
| 6  | 0.029.1215.8    | 8 | main half bushing - mm 0.50     |
| 6  | 0.029.1215.9    | 8 | main half bushing - mm 0.75     |
| 7  | 0.001.4547.0    | 2 | shoulder ring + mm 0.05         |
| 7  | 0.001.4548.0    | 2 | shoulder ring + mm 0.10         |
| 7  | 0.001.4549.0    | 2 | shoulder ring + mm 0.15         |
| 7  | 0.042.1219.0    | 2 | shoulder ring STANDARD          |
| 8  | 0.001.4544.0    | 2 | shoulder ring + mm 0.05         |
| 8  | 0.001.4545.0    | 2 | shoulder ring + mm 0.10         |
| 8  | 0.001.4546.0    | 2 | shoulder ring + mm 0.15         |
| 8  | 0.042.1218.0    | 2 | shoulder ring STANDARD          |
| 9  | 0.045.1240.0    | 1 | flange                          |
| 10 | 0.029.1250.0/10 | 1 | gasket                          |
| 11 | 2.1652.915.0    | 2 | cylindrical plug 12x35          |
| 12 | 2.1474.010.1    | 9 | spring washer 10                |
| 13 | 2.2041.008.0    | 1 | ball bearing 20x47x14           |
| 14 | 2.0112.309.2    | 9 | screw m 10 p.1.5 x 25           |
| 15 | 2.1529.045.0    | 1 | oil seal                        |
| 16 | 0.035.1269.3    | 1 | flywheel                        |
| 17 | 0.038.1242.0    | 1 | crown wheel Z = 120, mm 15      |
| 18 | 2.1379.006.0    | 3 | lock-tab 15x15x36,5             |
| 19 | 2.0122.515.7    | 6 | screw                           |
| 20 | 0.039.1220.3/30 | 3 | engine connecting rod           |
| 21 | 2.1559.114.0    | 3 | bushing                         |
| 22 | 0.039.1250.0    | 6 | screw m 14 p.1.5x63             |
| 23 | 0.039.0068.0    | 6 | con.rod half bushing - mm 1.016 |
| 23 | 0.039.1225.0    | 6 | con.rod half bushing            |
| 23 | 0.052.1225.7    | 6 | con.rod half bushing - mm 0.25  |
| 23 | 0.052.1225.8    | 6 | con.rod half bushing - mm 0.50  |
| 23 | 0.052.1225.9    | 6 | con.rod half bushing - mm 0.75  |
| 25 | 0.036.0060.6/10 | 3 | complete piston                 |
| 25 | 0.036.0061.6/10 | 3 | complete piston + mm 0.50       |
| 25 | 0.036.0062.6/10 | 3 | complete piston + mm 1.00       |
| 26 | 2.1411.014.1    | 6 | circlip 35                      |

## Section: ENGINE

**CRANKSHAFT**

| Fig. | P/n             | QTY | Name                      |
|------|-----------------|-----|---------------------------|
| 27   | 0.002.4167.0    | 3   | piston pin                |
| 28   | 0.053.0052.6/10 | 3   | piston ring set           |
| 28   | 0.053.0053.6/10 | 3   | piston ring set + mm 0.50 |
| 28   | 0.053.0054.6/10 | 3   | piston ring set + mm 1.0  |
| 29   | 2.1599.404.0    | 1   | shoulder ring             |

## Section: ENGINE

**CAMSHAFT**

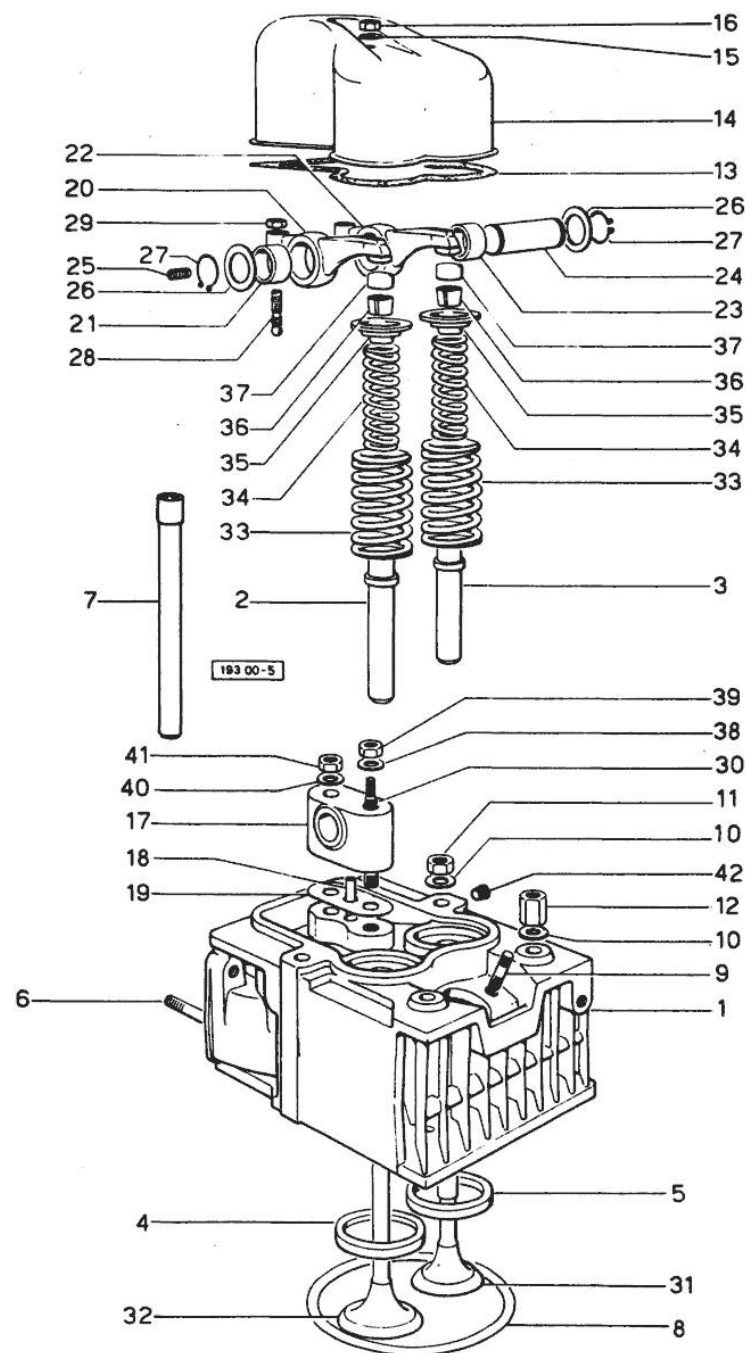
| Fig. | P/n | QTY | Name |
|------|-----|-----|------|
|------|-----|-----|------|

Notes:  
[550 DT]

|    |                 |   |                             |
|----|-----------------|---|-----------------------------|
| 1  | 0.035.1310.0/10 | 1 | camshaft                    |
| 2  | 0.027.1350.0/20 | 1 | pin                         |
| 3  | 0.027.1314.0    | 1 | flange                      |
| 4  | 2.1470.004.2    | 2 | lock washer 8               |
| 5  | 2.0312.206.2    | 2 | screw m 8 p 1.25 x 20       |
| 6  | 0.035.1321.0    | 1 | gear                        |
| 8  | 2.0139.006.1    | 4 | screw                       |
| 9  | 0.029.1320.0/10 | 1 | gear wheel                  |
| 10 | 2.1720.010.0    | 1 | key 5x9                     |
| 11 | 0.002.3909.0    | 6 | tappets                     |
| 12 | 0.037.1331.0    | 6 | rod                         |
| 13 | 2.1539.018.0    | 6 | special oil seal            |
| 14 | 0.039.1332.0/10 | 6 | sleeve                      |
| 15 | 2.1539.022.0    | 6 | special oil seal 12.37x2.62 |
| 16 | 2.4019.149.1    | 6 | spring 14x29x2              |
| 17 | 2.1569.037.0    | 6 | gasket                      |
| 18 | 2.1650.513.0    | 1 | pin 6 x 30                  |

193.00-4

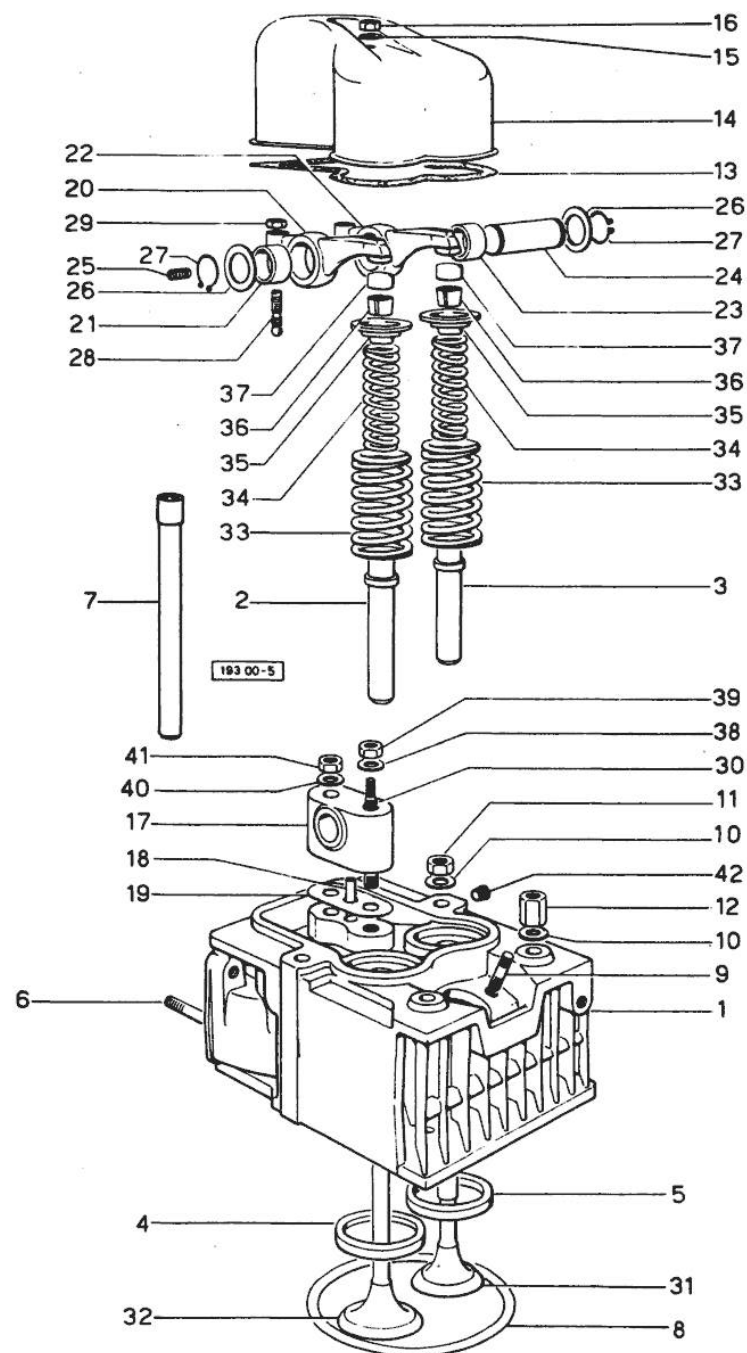
Section: ENGINE  
CYLINDER HEAD



| Fig.               | P/n             | QTY | Name                                                                          |
|--------------------|-----------------|-----|-------------------------------------------------------------------------------|
| Notes:<br>[550 DT] |                 |     |                                                                               |
| 1                  | 0.034.0057.6    | 1   | gasket set<br>- FOR 1 CYLINDER VALVE GRINDING AND PISTON<br>RINGS REPLACEMENT |
| 1                  | 0.037.1450.3/30 | 3   | engine head                                                                   |
| 2                  | 0.037.1416.0    | 3   | valve guide                                                                   |
| 3                  | 0.045.1417.0    | 3   | valve guide                                                                   |
| 4                  | 0.037.1451.0/10 | 3   | valve seat                                                                    |
| 5                  | 0.037.1452.0/10 | 3   | valve seat                                                                    |
| 6                  | 2.0432.005.7    | 3   | stud bolt m 8 p.1.5 / p.1 x 25                                                |
| 6                  | 2.0432.007.7    | 3   | stud bolt m 8 p.1.25 / p.1 x 30                                               |
| 7                  | 0.029.1418.0    | 6   | sleeve                                                                        |
| 8                  | 2.1569.056.0/10 | 3   | gasket                                                                        |
| 9                  | 2.0439.087.1/20 | 6   | stud bolt m 8 p.1.25 / p.1 x 40                                               |
| 10                 | 2.1599.406.0    | 12  | shoulder ring                                                                 |
| 11                 | 2.1019.025.0    | 7   | special nut m 12 p.1.5                                                        |
| 12                 | 2.1019.037.0    | 5   | special nut m 12 p.1.5                                                        |
| 13                 | 0.029.1450.0    | 3   | gasket                                                                        |
| 14                 | 0.039.1440.0    | 3   | cap                                                                           |
| 15                 | 2.1560.004.0    | 3   | copper gasket 8.2 x 14                                                        |
| 16                 | 2.1030.102.1    | 3   | nut                                                                           |
| 17                 | 0.034.1430.0    | 3   | support                                                                       |
| 18                 | 0.029.1452.0    | 3   | tube                                                                          |
| 19                 | 0.034.1450.0    | 3   | tappet gasket                                                                 |
| 20                 | 002.5937.3/30   | 3   | rocker arm                                                                    |
| 21                 | 2.1559.021.0/40 | 3   | bushing 15x19x22                                                              |
| 22                 | 0.002.5936.3/40 | 3   | rocker arm                                                                    |
| 23                 | 2.1559.021.0/40 | 3   | bushing 15x19x22                                                              |
| 24                 | 0.029.1431.0    | 3   | pin                                                                           |
| 25                 | 2.0512.102.1    | 3   | screw m 6 p.1 x 8                                                             |
| 26                 | 2.1599.019.0    | 6   | shoulder ring 19.5x31x2                                                       |
| 27                 | 2.1410.055.1    | 6   | circlip 19                                                                    |
| 28                 | 0.021.1434.0    | 6   | screw                                                                         |
| 29                 | 2.1121.105.2    | 6   | nut m 8 x 1                                                                   |
| 30                 | 0.039.1451.0    | 3   | stud bolt                                                                     |
| 31                 | 0.039.1421.0    | 3   | exhaust valve Ø mm 9                                                          |
| 32                 | 0.052.1420.0    | 3   | inlet valve Ø mm 9                                                            |
| 33                 | 2.4019.193.0    | 6   | spring 36.15x55.2x3.2                                                         |
| 34                 | 2.4019.194.0    | 6   | spring 22.70x50.7x2.1                                                         |
| 35                 | 0.002.9215.0/10 | 6   | cup                                                                           |
| 36                 | 0.002.9193.0/10 | 12  | conical valve cotter                                                          |
| 37                 | 0.021.1453.0/20 | 6   | small cover                                                                   |

## Section: ENGINE

## CYLINDER HEAD



| Fig. | P/n          | QTY | Name                    |
|------|--------------|-----|-------------------------|
| 38   | 2.1310.006.2 | 3   | flat washer 10.5x21     |
| 39   | 2.1011.421.2 | 3   | nut m 10 p.1.25         |
| 40   | 2.1599.160.0 | 3   | washer 10.5x19x4        |
| 41   | 2.1099.035.0 | 3   | special nut m 10 p.1.25 |
| 42   | 2.3130.001.1 | 3   | plug 1/8" gas           |



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