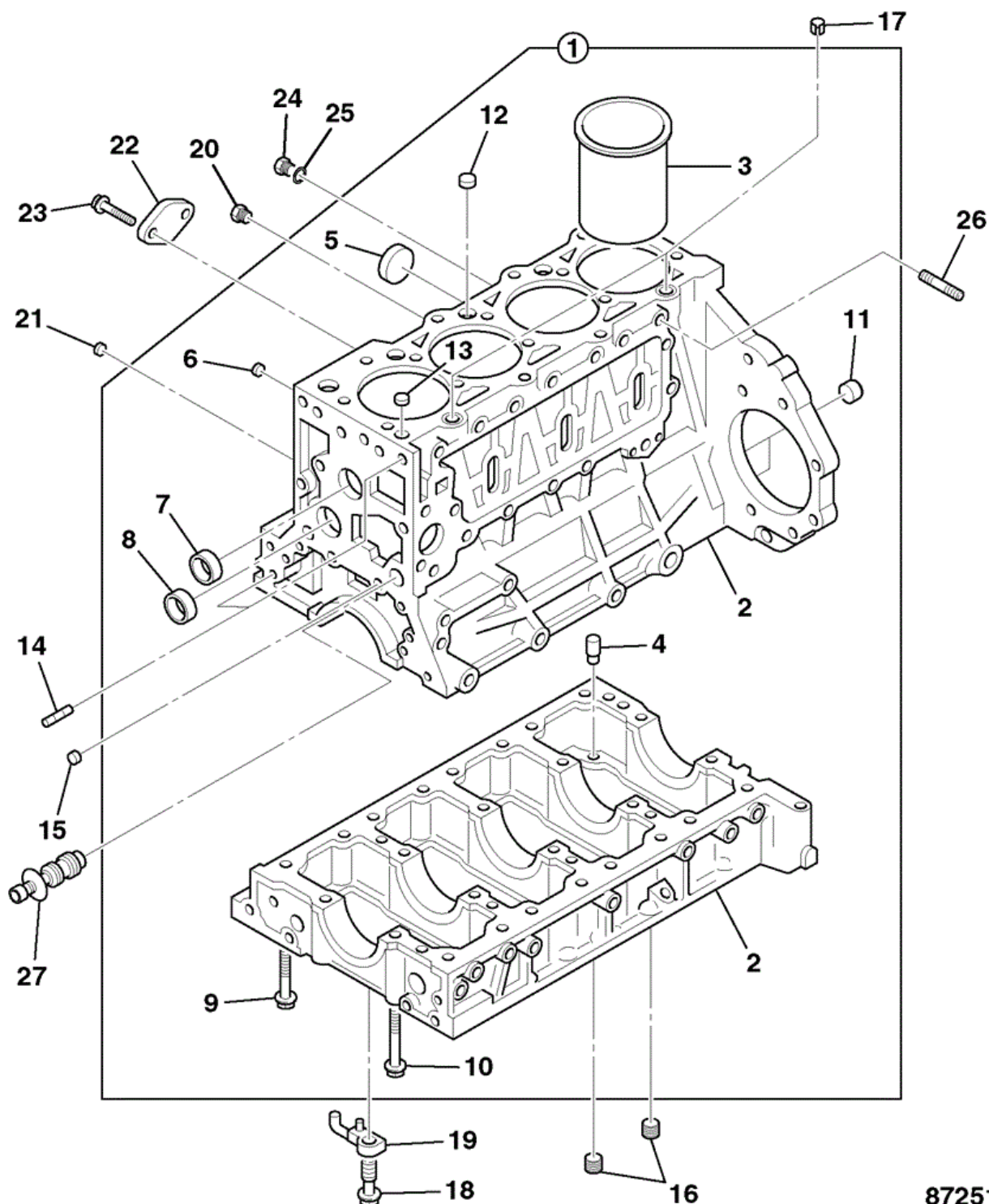




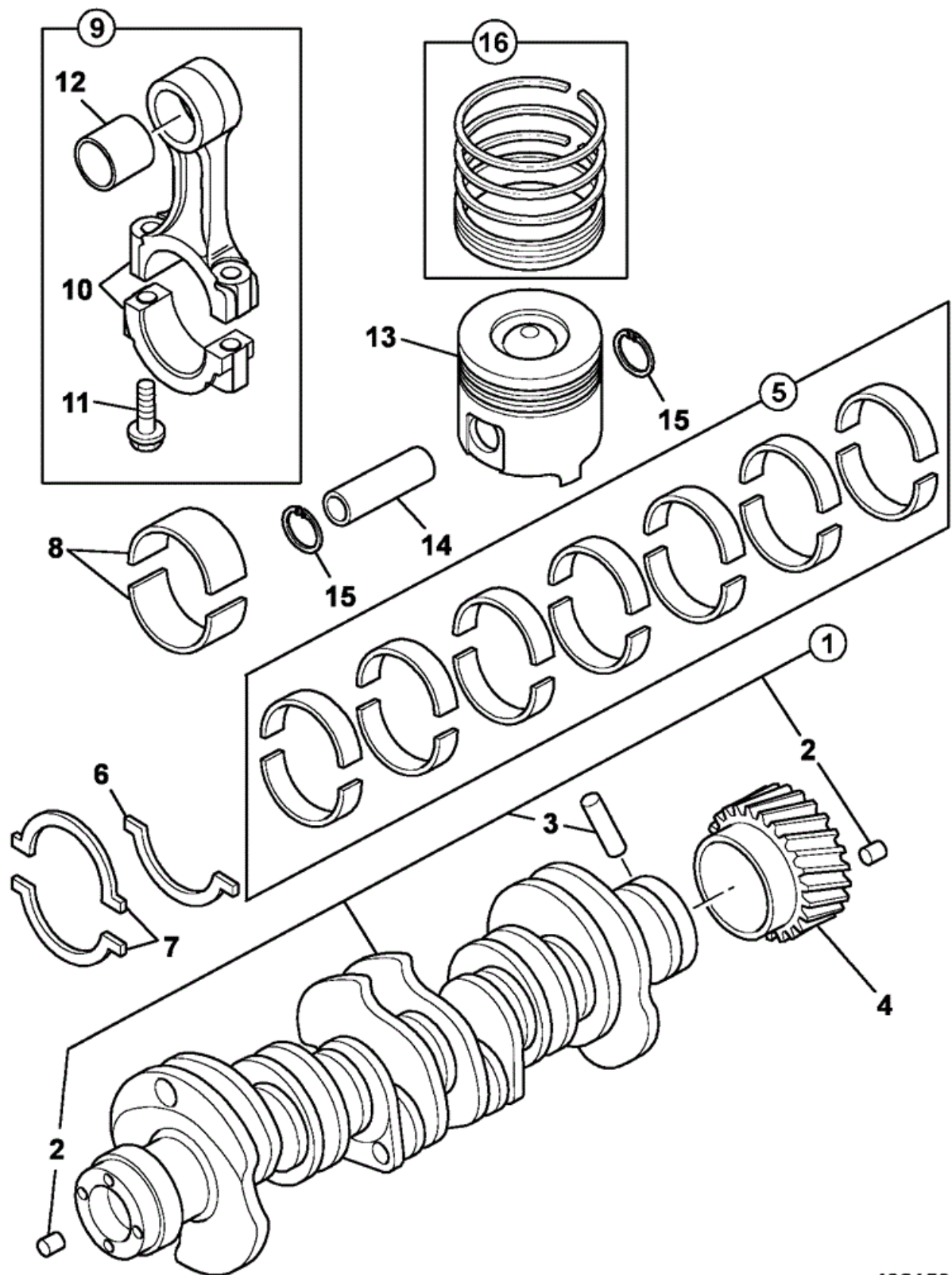
## 9812/5010 R1-3-1 BLOCK ASSEMBLY



872510

| Item | Part #    | Change No | Description        | Usage Code | QTY |
|------|-----------|-----------|--------------------|------------|-----|
| 1    | 02/802676 |           | Block cylinder     |            | 1   |
| 2    | ****      |           | None serviced part |            | 1   |

|    |             |  |                                                                                        |  |    |
|----|-------------|--|----------------------------------------------------------------------------------------|--|----|
| 3  | :02/801806  |  | Liner cylinder grade 1X<br><i>Existing liners grade stamped on outside of liner 1X</i> |  | 4  |
| 3A | :02/801001  |  | Liner cylinder grade 3X<br><i>Existing liners grade stamped on outside of liner 3X</i> |  | 4  |
| 4  | :02/801812  |  | Pin                                                                                    |  | 2  |
| 5  | :02/801711  |  | Plug D=45                                                                              |  | 3  |
| 6  | :1096000160 |  | Plug D=25                                                                              |  | 1  |
| 7  | :1096000160 |  | Plug D=25                                                                              |  | 1  |
| 8  | :02/801808  |  | Plug                                                                                   |  | 4  |
| 9  | :02/801811  |  | Bolt M10x82                                                                            |  | 11 |
| 10 | :02/802069  |  | Bolt                                                                                   |  | 17 |
| 11 | :02/801809  |  | Bush oil,drive shaft                                                                   |  | 2  |
| 12 | :02/800879  |  | Plug O/D = 22mm                                                                        |  | 3  |
| 13 | :5111290060 |  | Plug sealing, D=16                                                                     |  | 1  |
| 14 | 02/800993   |  | Pin                                                                                    |  | 4  |
| 15 | 9111291280  |  | Plug sealing, D=20                                                                     |  | 3  |
| 16 | 5096050050  |  | Plug PT 3/8"                                                                           |  | 2  |
| 17 | 02/800997   |  | Pin set cylinder head                                                                  |  | 2  |
| 18 | 1131610120  |  | Valve check, assembly                                                                  |  | 4  |
| 19 | 02/801003   |  | Jet piston cooling                                                                     |  | 4  |
| 20 | 02/802071   |  | Plug                                                                                   |  | 2  |
| 21 | 5096000130  |  | Plug D=12                                                                              |  | 1  |
| 22 | 02/801849   |  | Plate cover                                                                            |  | 1  |
| 23 | 0280808140  |  | Bolt flange head M8 x 14                                                               |  | 2  |
| 24 | 02/802066   |  | Plug drain                                                                             |  | 1  |
| 25 | 02/802072   |  | Gasket                                                                                 |  | 1  |
| 26 | 02/802190   |  | Stud                                                                                   |  | 3  |
| 27 | 02/802189   |  | Valve                                                                                  |  | 1  |



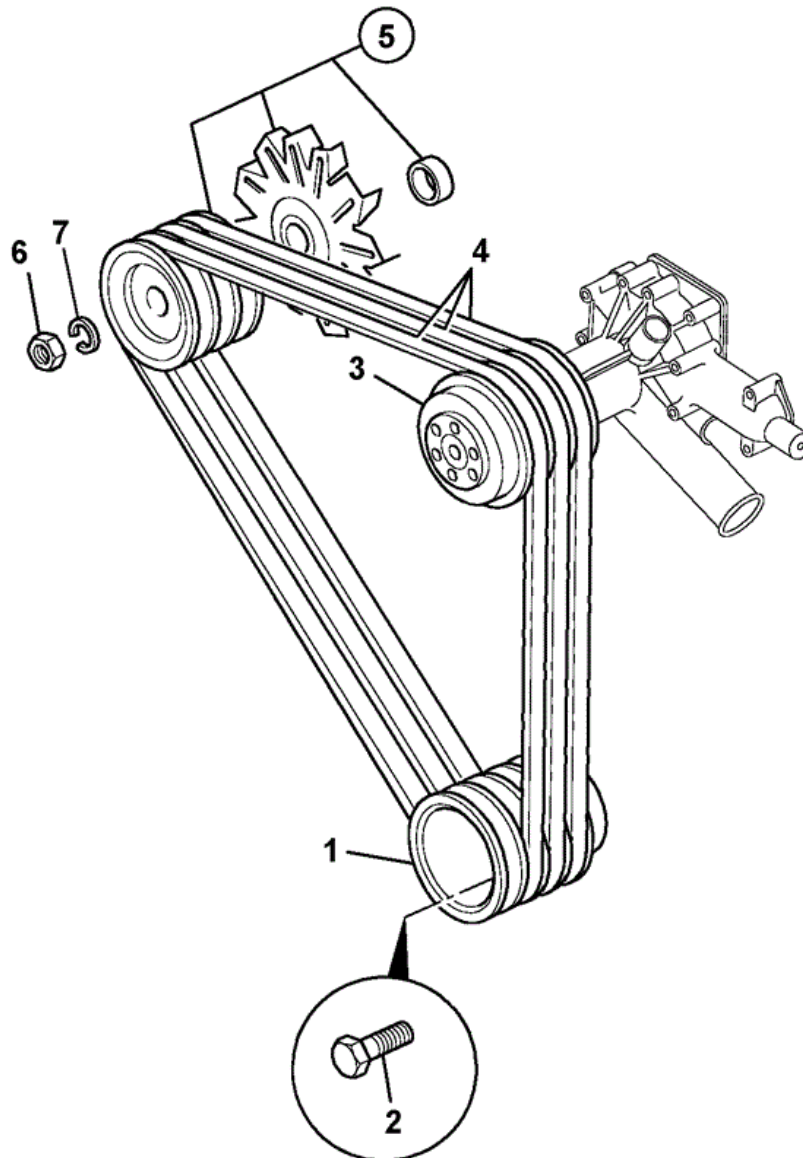
402150

| Item | Part #      | Change No | Description           | Usage Code | QTY |
|------|-------------|-----------|-----------------------|------------|-----|
| 1    | 02/802305   |           | Crankshaft assembly   |            | 1   |
| 2    | :02/802315  |           | Pin                   |            | 1   |
| 3    | :9098786260 |           | Pin 50Dx6             |            | 1   |
| 4    | 02/801838   |           | Gear crankshaft       |            | 1   |
| 5    | 02/801732   |           | Kit-main bearing BLUE |            | 5   |

|    |           |  |                                                                                    |  |   |
|----|-----------|--|------------------------------------------------------------------------------------|--|---|
| 5  | 02/801733 |  | Kit-main bearing BLACK                                                             |  | 5 |
| 5  | 02/801734 |  | Kit-main bearing BROWN (2 shells)                                                  |  | 5 |
| 6  | 02/801154 |  | Washer thrust                                                                      |  | 1 |
| 7  | 02/801155 |  | Washer thrust                                                                      |  | 2 |
| 8  | 02/801842 |  | Bearing big-end green<br><i>Please raise techweb call for correct replacement</i>  |  | 4 |
| 8  | 02/802677 |  | Bearing big-end yellow<br><i>Please raise techweb call for correct replacement</i> |  | 4 |
| 9  | 02/801844 |  | Rod connecting<br><i>Please raise techweb call for correct replacement</i>         |  | 4 |
| 10 | ****      |  | None serviced part                                                                 |  | 0 |
| 11 | 02/801158 |  | Bolt con-rod                                                                       |  | 8 |
| 12 | 02/801845 |  | Bush small end                                                                     |  | 4 |
| 13 | 02/802303 |  | Piston                                                                             |  | 4 |
| 14 | 02/801164 |  | Pin gudgeon                                                                        |  | 4 |
| 15 | 02/801163 |  | Ring snap                                                                          |  | 8 |
| 16 | 02/801841 |  | Kit-piston ring                                                                    |  | 4 |



## 9812/5010 R1-5-1 PULLEYS & FAN BELT



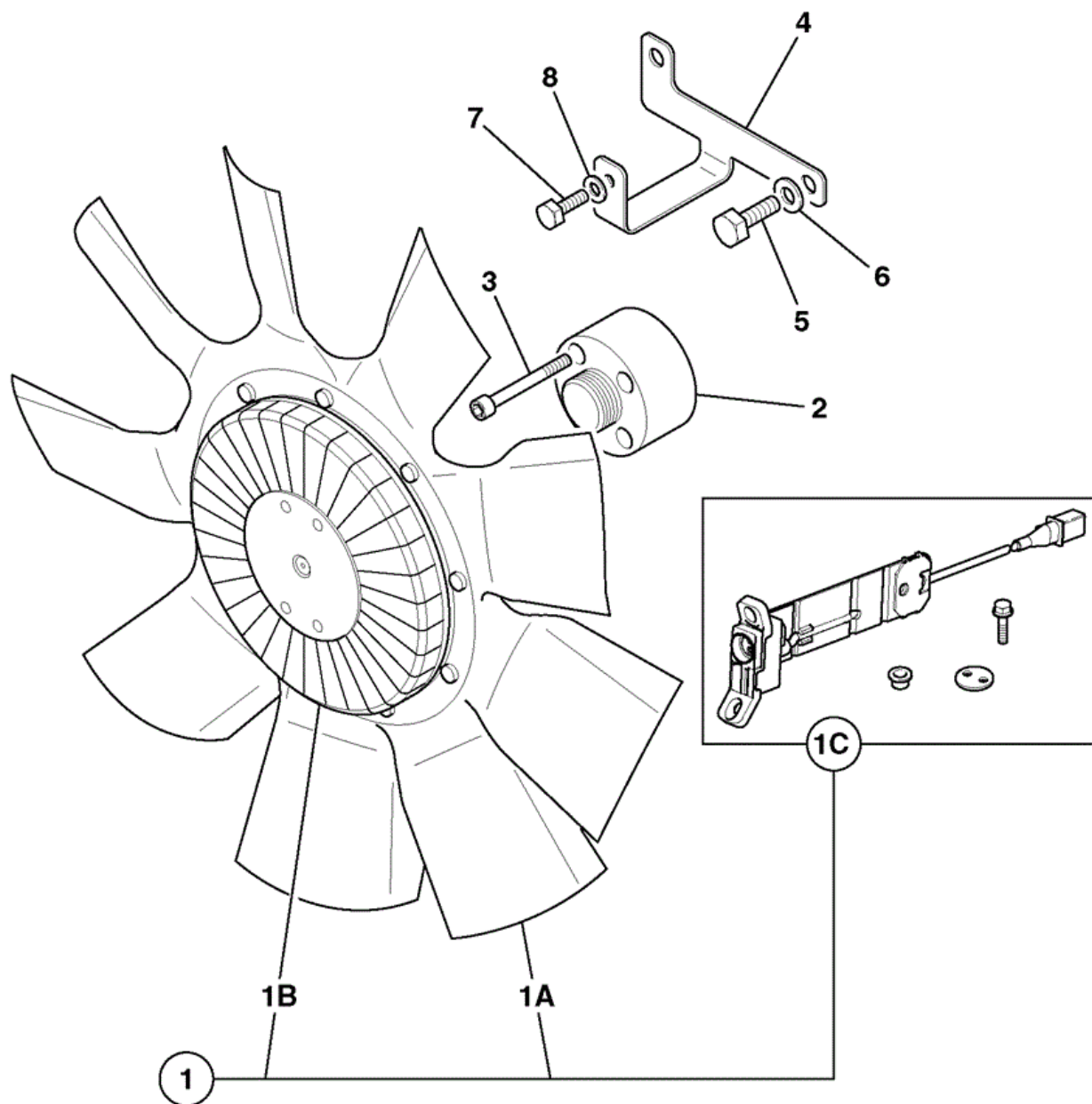
874641

| Item | Part #    | Change No | Description            | Usage Code | QTY |
|------|-----------|-----------|------------------------|------------|-----|
| 1    | 02/802230 |           | Pulley crankshaft      |            | 1   |
| 2    | 02/802192 |           | Bolt crankshaft pulley |            | 4   |

|   |            |  |                   |  |   |
|---|------------|--|-------------------|--|---|
| 3 | 332/J3783  |  | Pulley fan drive  |  | 1 |
| 4 | 02/802236  |  | Belt fan          |  | 1 |
| 5 | 02/802340  |  | Pulley alternator |  | 1 |
| 6 | 1812294740 |  | Nut               |  | 1 |
| 7 | 1812294790 |  | Washer spring     |  | 1 |



## 9812/5010 R1-5-2 FAN,VISCOUS EU OPTION



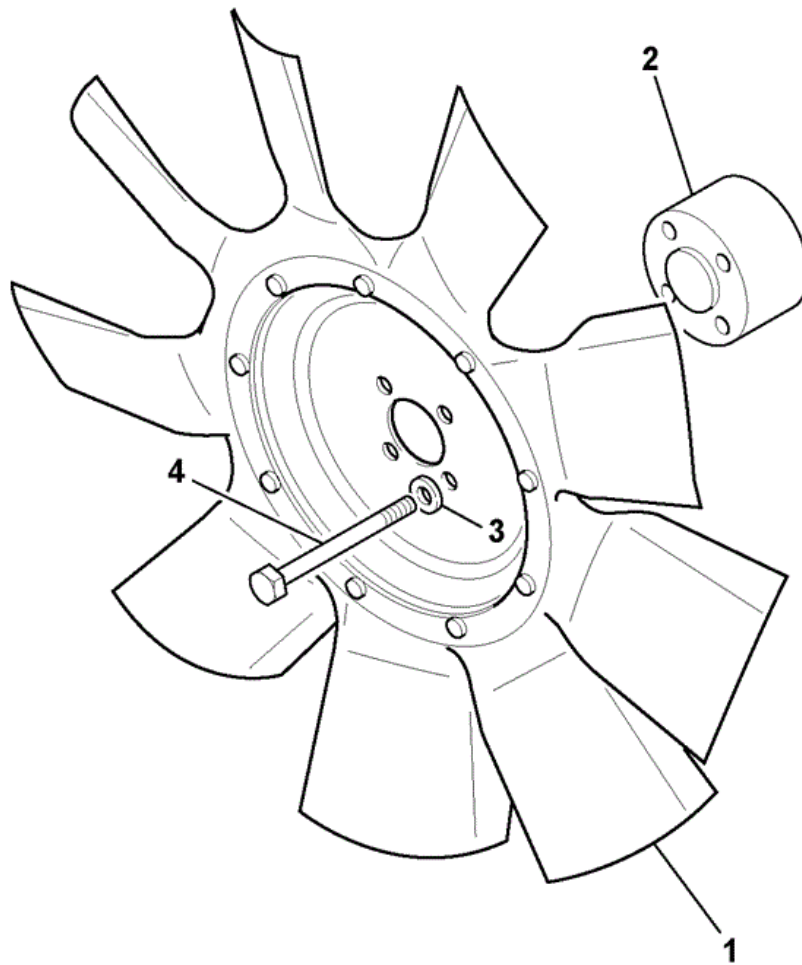
903791

| Item | Part #     | Change No | Description             | Usage Code | QTY |
|------|------------|-----------|-------------------------|------------|-----|
| 1    | 30/926959  |           | Fan viscous drive 650mm |            | 1   |
| 1A   | :30/927213 |           | Fan cooling             |            | 1   |

|    |            |  |                          |  |   |
|----|------------|--|--------------------------|--|---|
| 1B | :30/927214 |  | Clutch viscous           |  | 1 |
| 1C | :30/927215 |  | Kit-sensor and bracket   |  | 1 |
| 2  | 829/31407  |  | Spacer fan viscous drive |  | 1 |
| 3  | 1391/3313D |  | Capscrew                 |  | 4 |
| 4  | 335/14144  |  | Bracket cable retention  |  | 1 |
| 5  | 1316/0405D |  | Screw M10 x 20           |  | 2 |
| 6  | 1420/0008D |  | Washer (M10)             |  | 2 |
| 7  | 1316/0203D |  | Screw                    |  | 1 |
| 8  | 1420/0006D |  | Washer (M6)              |  | 1 |



## 9812/5010 R1-5-3 FAN NON EU OPTION



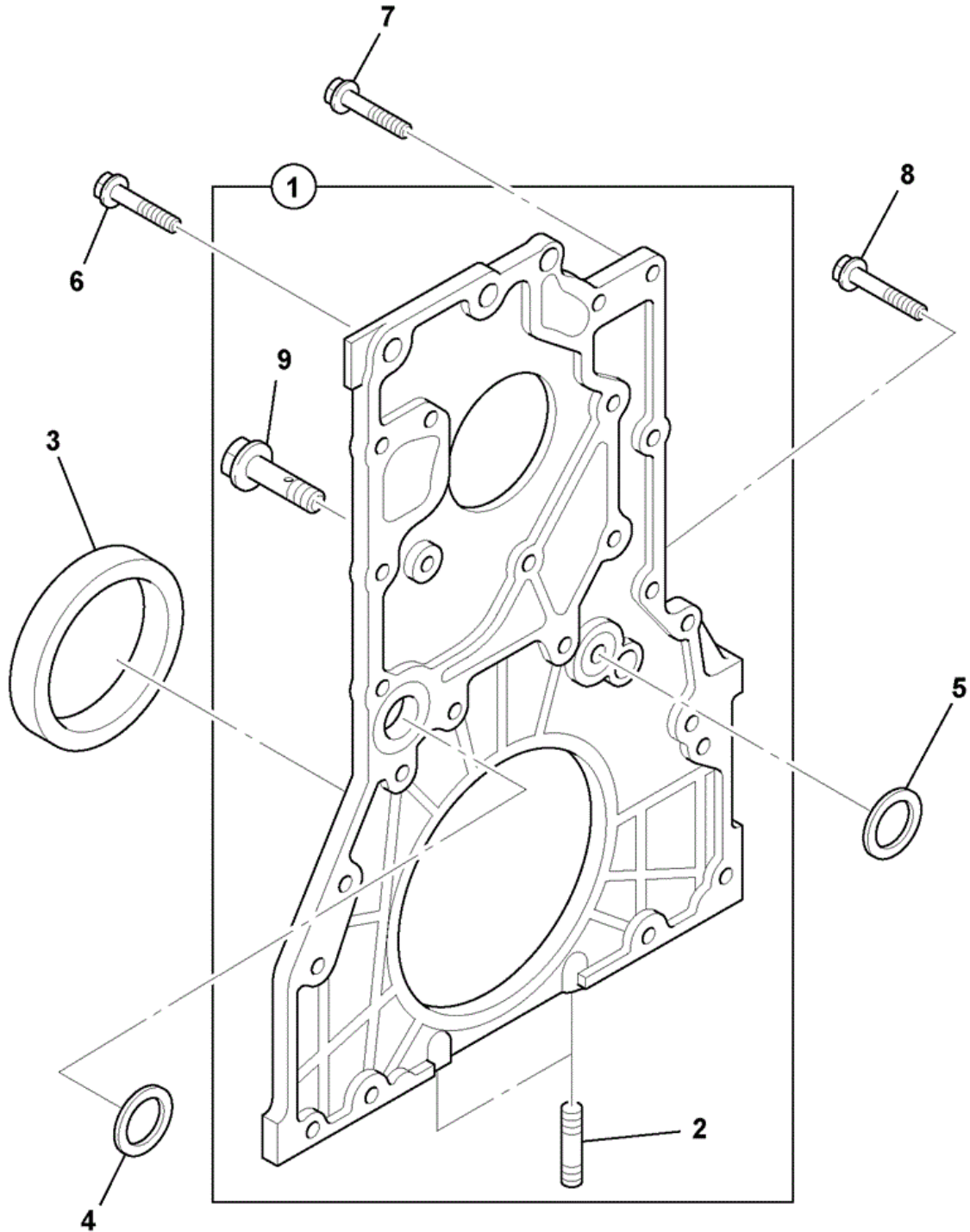
**903780**

| Item | Part #    | Change No | Description      | Usage Code | QTY |
|------|-----------|-----------|------------------|------------|-----|
| 1    | 30/926965 |           | Fan puller 650mm |            | 1   |
| 2    | 829/31594 |           | Spacer fan       |            | 1   |

|   |            |  |                     |  |   |
|---|------------|--|---------------------|--|---|
| 3 | 331/35722  |  | Collar fan mounting |  | 1 |
| 4 | 1316/3319D |  | Bolt M8 X 90        |  | 4 |



## 9812/5010 R1-6-1 TIMING CASE & FRONT COVER



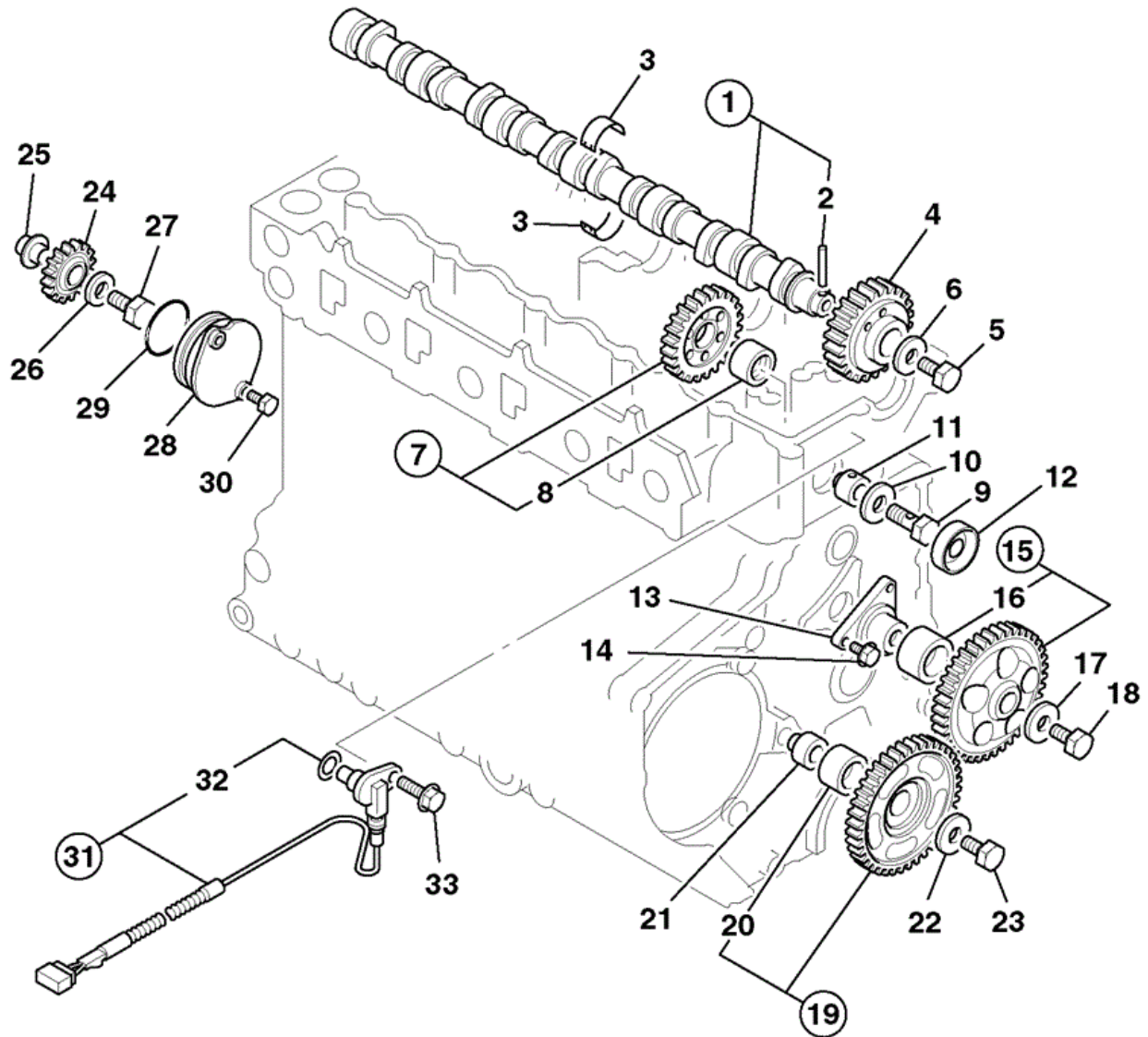
870621

| Item | Part #     | Change No | Description       | Usage Code | QTY |
|------|------------|-----------|-------------------|------------|-----|
| 1    | 02/802235  |           | Cover timing case |            | 1   |
| 2    | :02/802608 |           | Stud              |            | 2   |

|   |           |  |                                    |  |    |
|---|-----------|--|------------------------------------|--|----|
| 3 | 02/802276 |  | Seal oil front                     |  | 1  |
| 4 | 02/801082 |  | Gasket gear case to cylinder block |  | 1  |
| 5 | 02/802318 |  | Gasket                             |  | 1  |
| 6 | 02/802127 |  | Bolt                               |  | 1  |
| 7 | 02/802394 |  | Bolt cyl. head                     |  | 14 |
| 8 | 02/801602 |  | Bolt L=55                          |  | 3  |
| 9 | 02/802067 |  | Valve                              |  | 1  |



## 9812/5010 R1-6-2 CAMSHAFT & TIMING GEARS



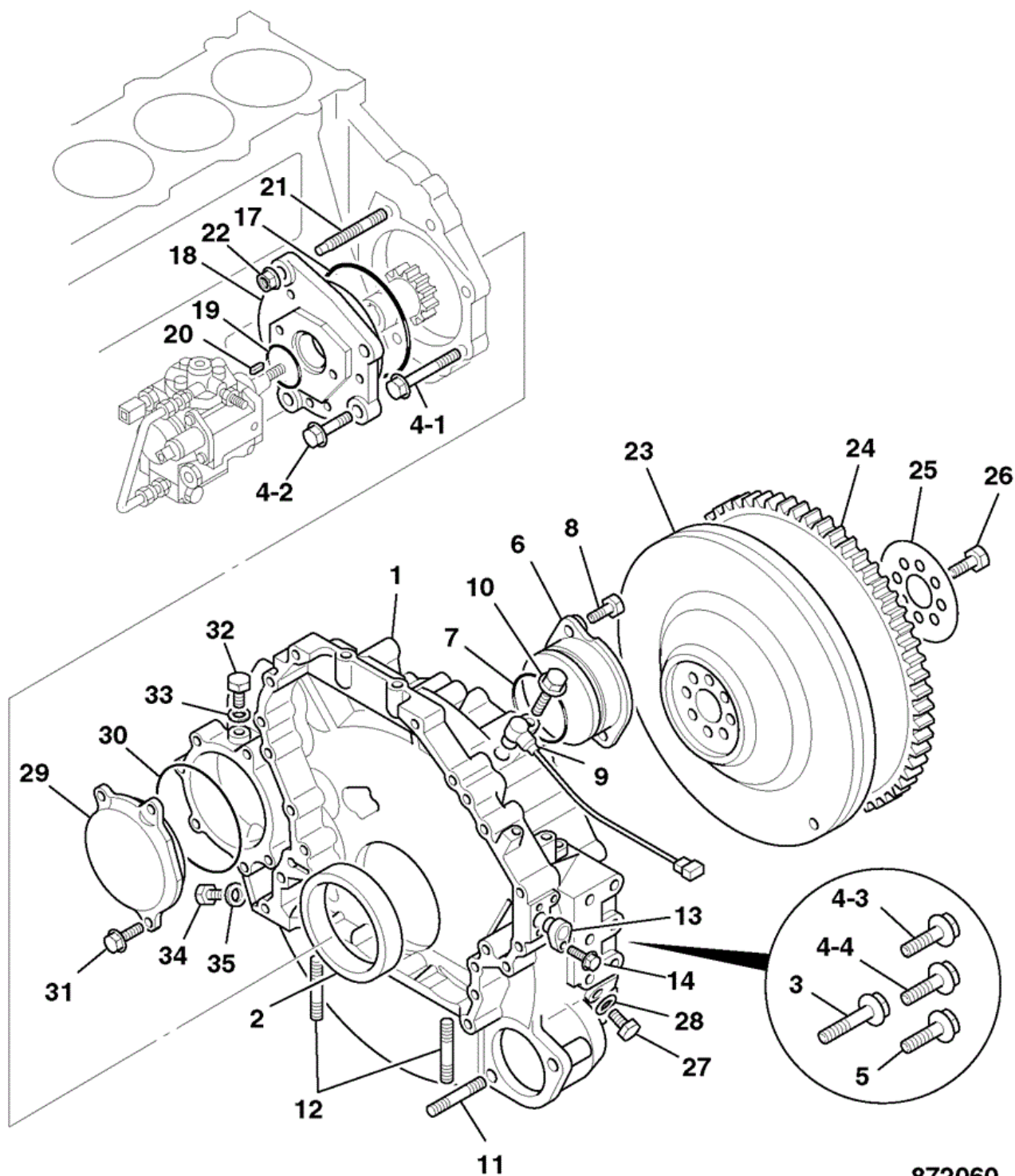
872050

| Item | Part #     | Change No | Description | Usage Code | QTY |
|------|------------|-----------|-------------|------------|-----|
| 1    | 02/802081  |           | Camshaft    |            | 1   |
| 2    | :02/801212 |           | Pin set     |            | 1   |

|    |            |  |                                     |   |    |
|----|------------|--|-------------------------------------|---|----|
| 3  | 02/801825  |  | Bearing<br><i>upper &amp; lower</i> |   | 10 |
| 4  | 02/802082  |  | Gear camshaft                       |   | 1  |
| 5  | 02/801208  |  | Bolt camshaft gear                  |   | 1  |
| 6  | 02/800009  |  | Washer cam                          |   | 1  |
| 7  | 02/802094  |  | Gear                                |   | 1  |
| 8  | :02/802099 |  | Bush                                |   | 1  |
| 9  | 02/802087  |  | Bolt idler gear                     |   | 1  |
| 10 | 02/801833  |  | Collar thrust                       |   | 1  |
| 11 | 02/801799  |  | Shaft idle gear                     |   | 1  |
| 12 | 02/802089  |  | Cover idler gear                    |   | 1  |
| 13 | 02/801981  |  | Shaft idler                         | A | 1  |
| 14 | 02/802088  |  | Bolt                                |   | 3  |
| 15 | 02/801943  |  | Gear idler                          | A | 1  |
| 16 | :02/802098 |  | Bush                                |   | 1  |
| 17 | 02/801833  |  | Collar thrust                       |   | 1  |
| 18 | 02/801215  |  | Bolt idler gear                     |   | 1  |
| 19 | 02/802093  |  | Gear idler (B)                      | B | 1  |
| 20 | :02/802097 |  | Bush                                |   | 1  |
| 21 | 02/802091  |  | Shaft idler                         | B | 1  |
| 22 | 02/801833  |  | Collar thrust                       |   | 1  |
| 23 | 02/802095  |  | Bolt thrust collar                  |   | 1  |
| 24 | 02/801947  |  | Gear idler                          | C | 1  |
| 25 | 02/802012  |  | Shaft idler gear                    | C | 1  |
| 26 | 02/802092  |  | Collar thrust                       |   | 1  |
| 27 | 02/802090  |  | Bolt idler gear shaft               |   | 1  |
| 28 | 02/801790  |  | Cover idler gear                    |   | 1  |
| 29 | 02/801069  |  | O Ring                              |   | 1  |
| 30 | 02/802418  |  | Bolt M8X16                          |   | 2  |
| 31 | 716/30312  |  | Sensor camshaft angle               |   | 1  |
| 32 | :02/802285 |  | Gasket                              |   | 1  |
| 33 | 02/802536  |  | Bolt M6x12                          |   | 1  |



## 9812/5010 R1-7-1 FLYWHEEL & HOUSING



872060

| Item | Part #    | Change No | Description      | Usage Code | QTY |
|------|-----------|-----------|------------------|------------|-----|
| 1    | 02/802312 |           | Housing flywheel |            | 1   |
| 2    | 02/802207 |           | Seal oil rear    |            | 1   |

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)