



# MINI-33 Engine v6

VERSION 2024-3

PART LIST



# PARTS LIST CATALOGUE

## NORMS TO PLACE AN ORDER

For fast and more efficient service, please specify the following information on spare parts orders that must be preferably done by e-mail as specified below:

- 1- Engine model: As shown in identification plate
- 2- Engine serial number: As shown in identification plate and stamped on crankcase
- 3- Item description + part number + quantity required

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Spare parts requests must be addressed to :

[orders@solediesel.com](mailto:orders@solediesel.com)

Telf.: +34 93 775 44 05

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The components shown in the catalog have:

- Figure: Number by which they are represented in scheme
- Description: Trade name of the component
- Quantity: Total number of parts used in the assembly of the part represented (may differ from the total minimum quantities)

Hoses, indicates the total length in meters

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The diagrams shown in this catalog of spare parts, have only the purpose to identify the piece in question, its representation is not meaningful and may differ from the actual piece.

In case of doubt, contact Solé Diesel, or your authorized dealer.

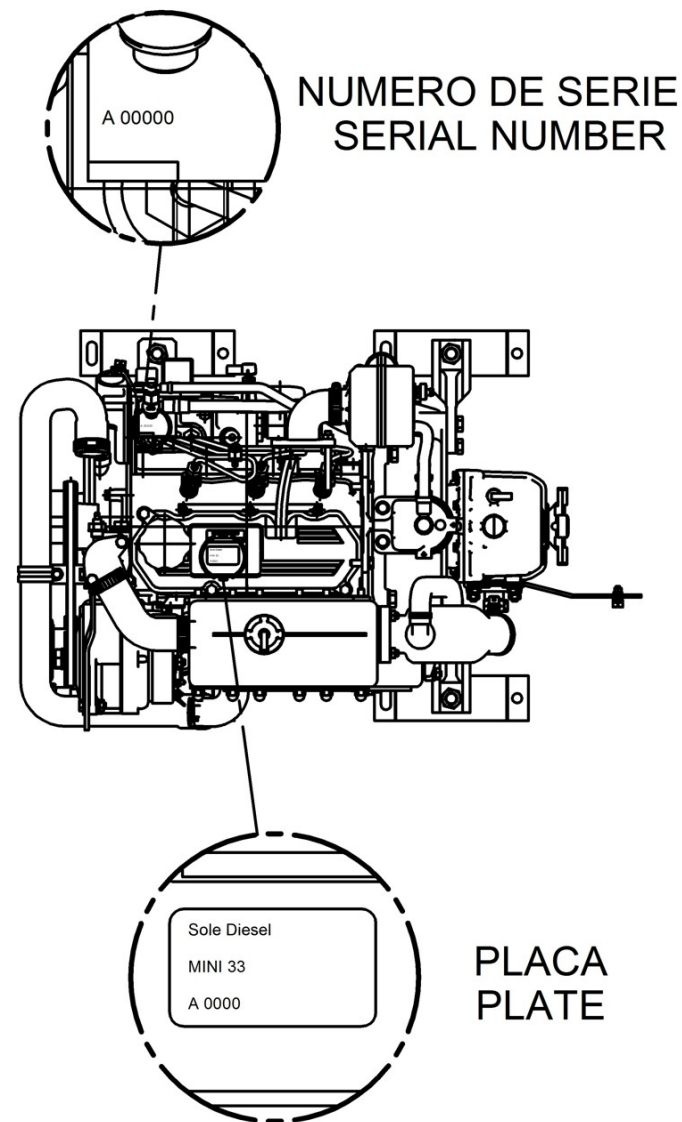
The parts i / or references in this catalog are subject to change without notice.

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**SOLE, S.A.**

C-243b, km, 2 - P.O. BOX 25  
08760 Martorell (Barcelona) Spain

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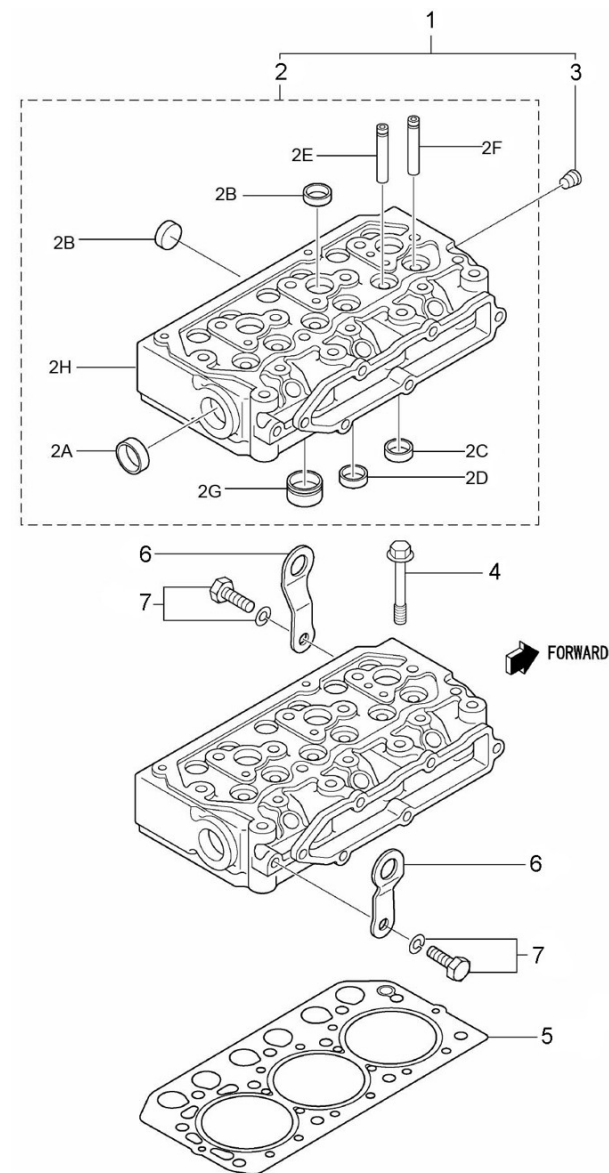
## GearBox ZF-15 MIV

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## Kit Gearbox

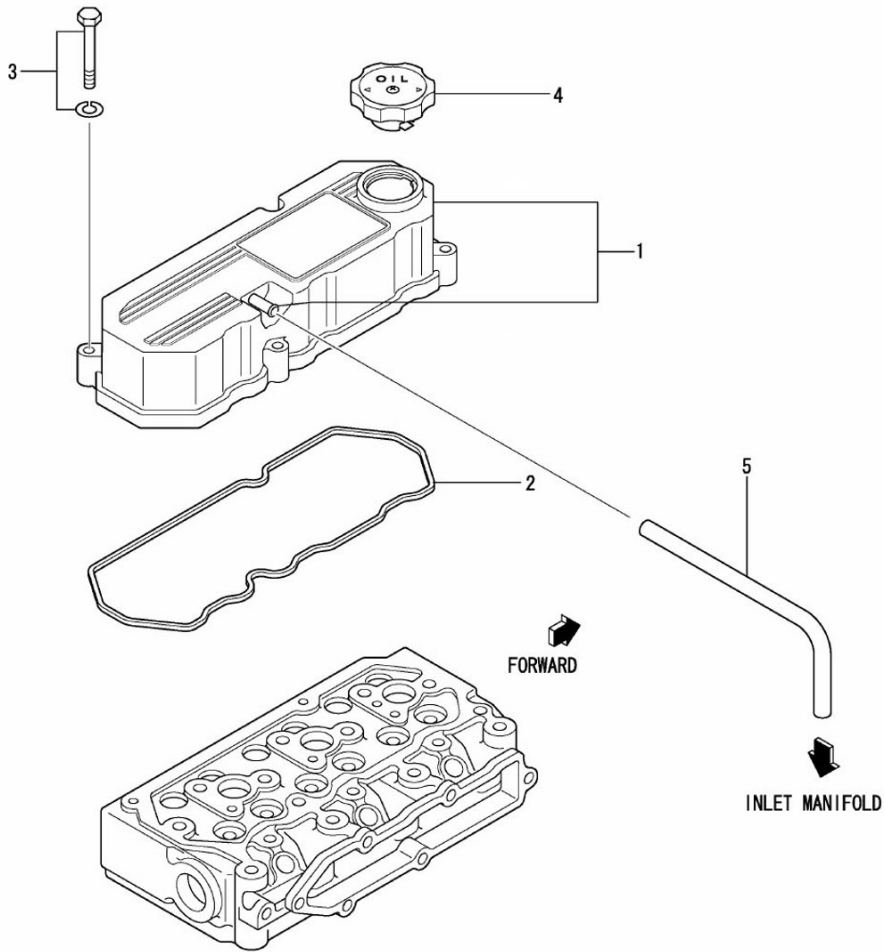
- Kit GearBox TMC-40
- Kit GearBox TMC-60/60A
- Kit GearBox TMC-260
- Kit GearBox TM-345/A
- Kit S-Drive TECHNO.SP60
- Kit GearBox HURTH-150A,ZF 15M IV

| D_MIC1_1_1 |            | Cylinder Head |                       |     |      |      |
|------------|------------|---------------|-----------------------|-----|------|------|
| Fig.       | Ref.       | Qty.          | Descr.                | Obs | From | UpTo |
| 1          | 17221001   | 1             | Head Assy, Cylinder   |     |      |      |
| 2          | (*)        | 8             | Not available         |     |      |      |
| 2A         | 17221012.4 | 1             | Cap Sealing           |     |      |      |
| 2B         | 13220012   | 5             | Cap Sealing           |     |      |      |
| 2E         | 17221002   | 3             | Guide, Valve Exhaust  |     |      |      |
| 2F         | 17221003.4 | 3             | Guide, Valve, Inlet   |     |      |      |
| 2G         | 17221015   | 3             | Jet, Combustion       |     |      |      |
| 3          | 17621011.4 | 1             | Plug TAPER            |     |      |      |
| 4          | 17221005   | 11            | Bolt,cylinder head    |     |      |      |
| 5          | 17221004   | 1             | Gasket, Cylinder Head |     |      |      |
| 6          | 17210008   | 2             | HANGER, Engine        |     |      |      |
| 7          | 13322079   | 2             | Bolt                  |     |      |      |

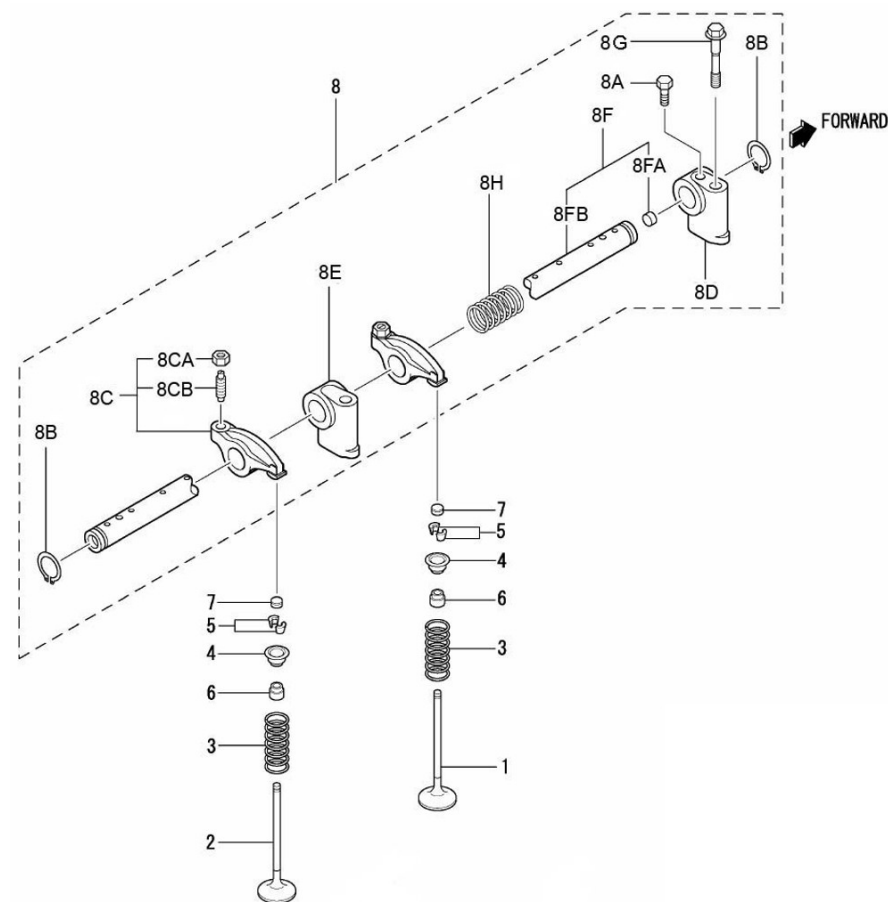




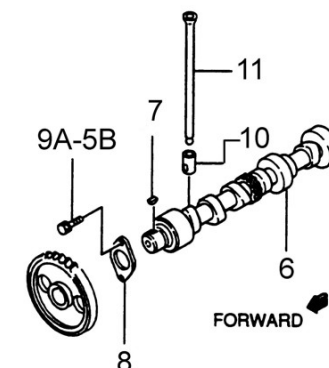
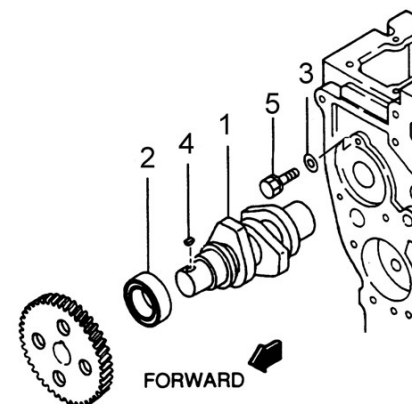
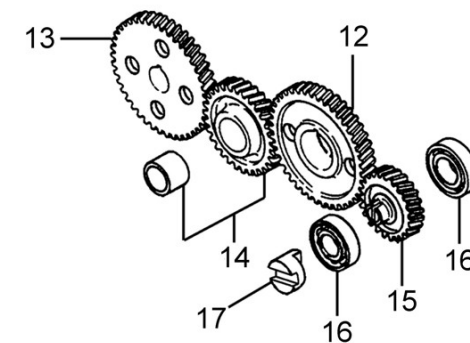
| D_MIC1_1_2 |            | Rocker Cover and Breather |                         |     |      |      |
|------------|------------|---------------------------|-------------------------|-----|------|------|
| Fig.       | Ref.       | Qty.                      | Descr.                  | Obs | From | UpTo |
| 1          | 17221009   | 1                         | Cover Assy, Rocker      |     |      |      |
| 2          | 17221010   | 1                         | Gasket, Rocker Cover    |     |      |      |
| 3A         | 52101261   | 4                         | Bolt DIN 931 M8-40 8.8  |     |      |      |
| 3B         | 53033008   | 4                         | Washer GROWER DIN 127-8 |     |      |      |
| 4          | 13221003   | 1                         | Cap Oil FILLER          |     |      |      |
| 5          | 13821008.4 | 1                         | Cover,Rocker            |     |      |      |



| D_MIC1_1_3 |            | Valve Drive |                       |     |      |      |
|------------|------------|-------------|-----------------------|-----|------|------|
| Fig.       | Ref.       | Qty.        | Descr.                | Obs | From | UpTo |
| 1          | 17222055   | 3           | Intake Valve          |     |      |      |
| 2          | 17222056   | 3           | Exhaust Valve         |     |      |      |
| 3          | 17222057.4 | 6           | Spring, Valve         |     |      |      |
| 4          | 13822058   | 6           | Retainer Valve SP     |     |      |      |
| 5          | 17622059.4 | 12          | LOCK Valve            |     |      |      |
| 6          | 13222054   | 6           | Seal Valve Stem       |     |      |      |
| 7          | 13822069   | 6           | Cap Stem              |     |      |      |
| 8          | 17222146   | 1           | Rocker & Shaft Assy   |     |      |      |
| 8A         | 17222053   | 1           | Bolt                  |     |      |      |
| 8B         | 17222050   | 2           | Ring, SNAP            |     |      |      |
| 8C         | 17222142   | 6           | Rocker Assy           |     |      |      |
| 8CA        | 17122060   | 6           | Nut                   |     |      |      |
| 8CB        | 17122044   | 6           | Screw Adjusting       |     |      |      |
| 8D         | 17222048.4 | 1           | Bracket, Rocker Shaft |     |      |      |
| 8E         | 17222049.4 | 2           | Bracket, Rocker Shaft |     |      |      |
| 8F         | 17222046.4 | 1           | Shaft Assy, Rocker    |     |      |      |
| 8FA        | 17222025.4 | 2           | Cap, Sealing          |     |      |      |
| 8G         | 17222053.4 | 3           | Bolt                  |     |      |      |
| 8H         | 17222047.4 | 2           | Spring                |     |      |      |



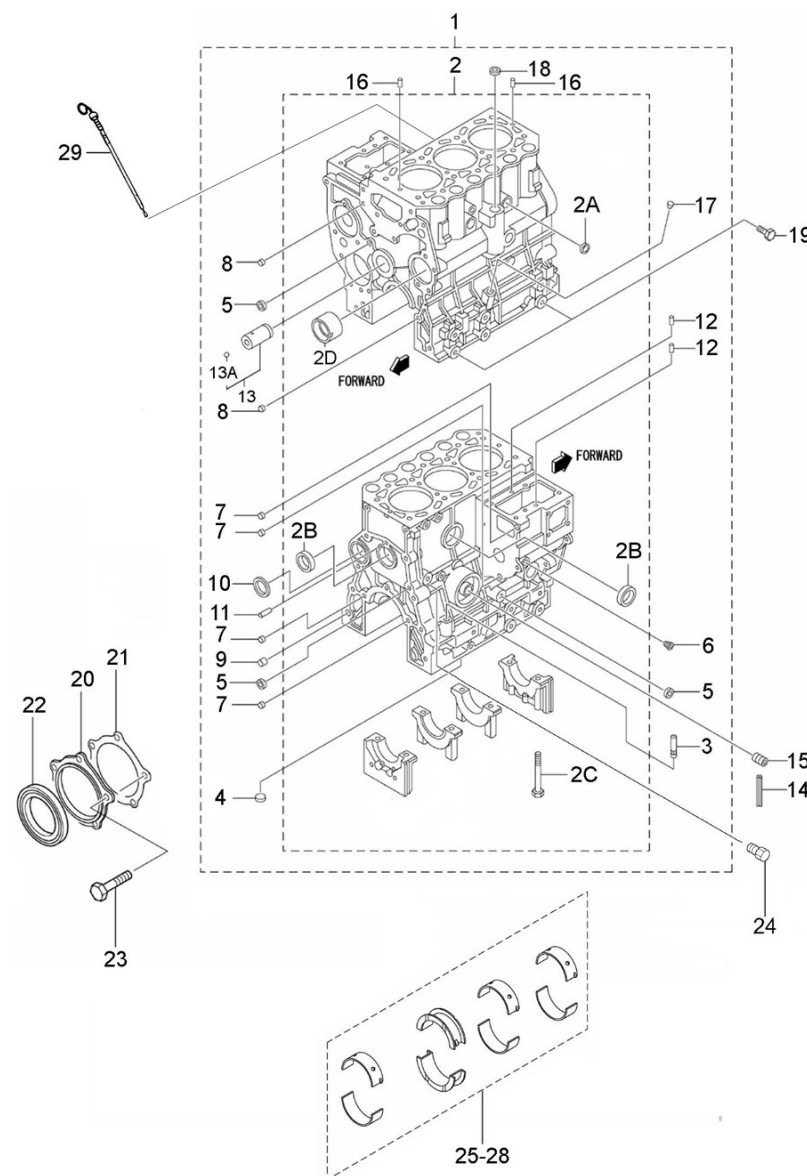
| D_MIC1_1_4 |            | Timing Parts |                         |     |      |      |
|------------|------------|--------------|-------------------------|-----|------|------|
| Fig.       | Ref.       | Qty.         | Descr.                  | Obs | From | UpTo |
| 1          | 17222040   | 1            | Shaft,Fuel INJ. Pump    |     |      |      |
| 2          | 13222062   | 1            | Ball Bearing 6228       |     |      |      |
| 3          | 17222065   | 1            | Washer                  |     |      |      |
| 4          | 17622060.4 | 1            | Key, Sunk               |     |      |      |
| 5A         | 52102256   | 1            | Bolt DIN 933 M8-16 8.8  |     |      |      |
| 5B         | 53033008   | 3            | Washer GROWER DIN 127-8 |     |      |      |
| 6          | 17222036   | 1            | CamShaft                |     |      |      |
| 7          | 17222020.4 | 1            | KEY                     |     |      |      |
| 8          | 17422075   | 1            | Plate,THRUST            |     |      |      |
| 9A         | 52102261   | 2            | Bolt DIN 933 M8-40 8.8  |     |      |      |
| 10         | 13222061   | 6            | Tappet                  |     |      |      |
| 11         | 17222041.4 | 6            | ROD, PUSH               |     |      |      |
| 12         | 17222037   | 1            | Gear, CamShaft          |     |      |      |
| 13         | 17222043.4 | 1            | Gear, Injection Pump    |     |      |      |
| 14         | 17222038.4 | 1            | Gear Assy, IDLER        |     |      |      |
| 15         | 17222066   | 1            | Gear, Pressure Oil Pump |     |      |      |
| 16         | 17022067   | 2            | Ball Bearing 6205-C3    |     |      |      |
| 17         | 17311026   | 1            | Coupling,Water Pump     |     |      |      |



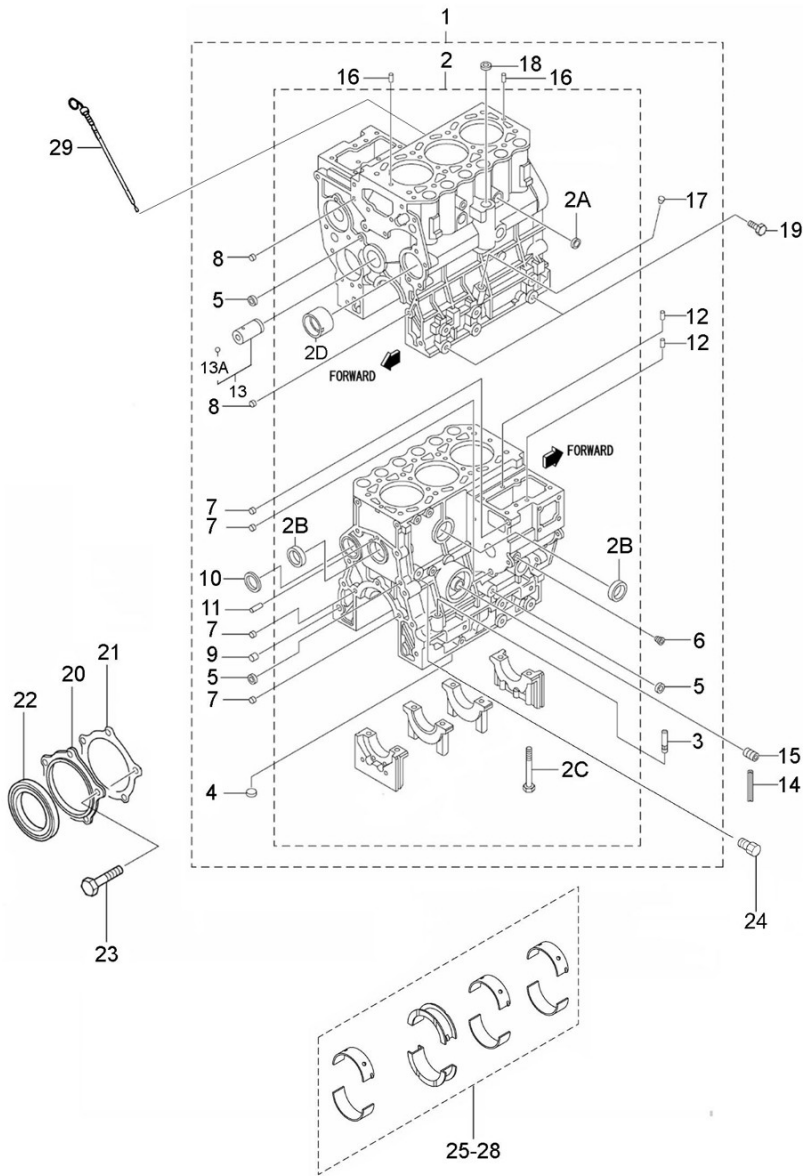
This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or engine housing. The parts are numbered as follows:

- 1**: Main housing or cover plate.
- 2**: Gasket or seal ring.
- 3**: Small rectangular plate or flange.
- 4**: Internal structural component or bracket.
- 5**: Another gasket or seal ring.
- 6**: Bolt or screw.
- 7**: O-ring or seal.
- 8**: Flange or mounting plate.
- 9**: Flange or mounting plate.
- 10**: Flange or mounting plate.
- 11**: Flange or mounting plate.
- 12**: Small rectangular plate or flange.
- 13A-3E**: Small rectangular plate or flange.
- 14**: Bolt or screw.
- 15**: Bolt or screw.
- 16**: Bolt or screw.
- 17**: Bolt or screw.
- 18**: Bolt or screw.
- 19**: Bolt or screw.
- 20**: Bolt or screw.

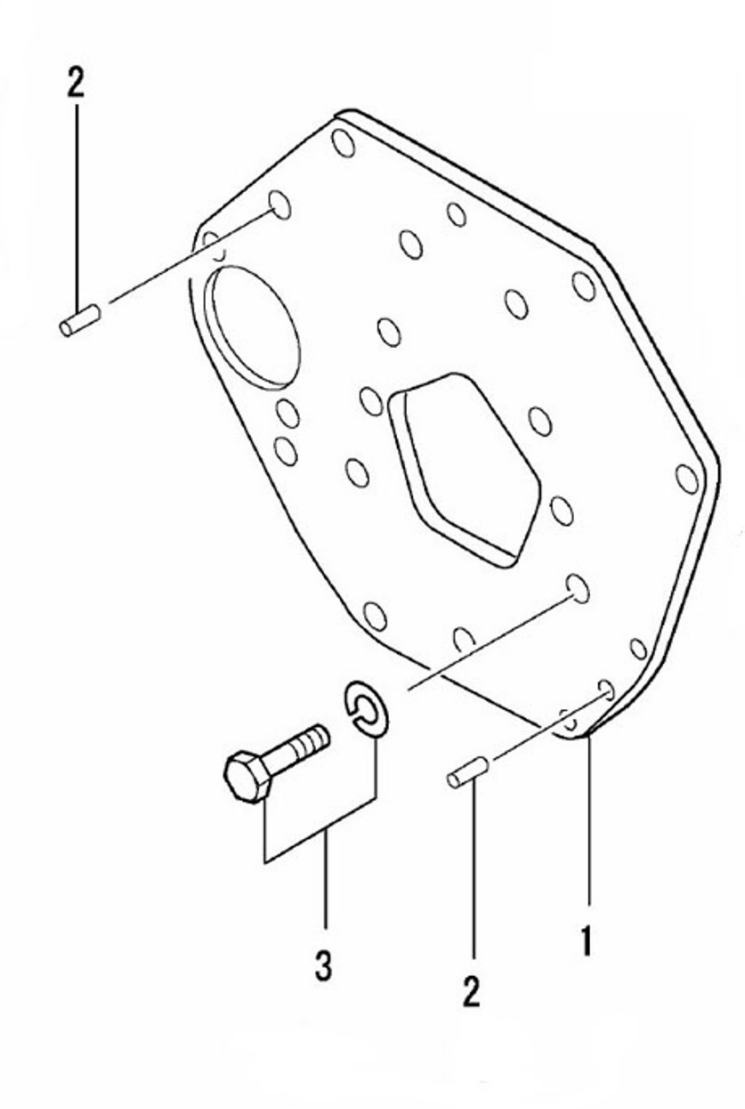
| D_MIC1_1_6 |            | Crankcase |                       |     |           |
|------------|------------|-----------|-----------------------|-----|-----------|
| Fig.       | Ref.       | Qty.      | Descr.                | Obs | From UpTo |
| 1          | 17220001.4 | 1         | Block Assy, Cylinder  |     |           |
| 2          | (*)        | 1         | Not available         |     |           |
| 2A         | 13320006   | 2         | Cap, Sealing          |     |           |
| 2B         | 17221012.4 | 2         | Cap Sealing           |     |           |
| 2C         | 17220009   | 8         | Bolt Bearing Cap      |     |           |
| 2D         | 17220011   | 1         | Bushing, CamShaft     |     |           |
| 3          | 17620007.4 | 1         | Guide                 |     |           |
| 4          | 17220012.4 | 1         | Cap, Sealing          |     |           |
| 5          | 17220013   | 3         | Cap, Sealing          |     |           |
| 6          | 17220013.4 | 1         | Plug                  |     |           |
| 7          | 17220010.4 | 4         | BUSHING,KNOCK         |     |           |
| 8          | 17620022.4 | 2         | BUSHING,KNOCK         |     |           |
| 9          | 17220022.4 | 1         | BUSHING,KNOCK         |     |           |
| 10         | 17220019   | 1         | Plug, Expansion       |     |           |
| 11         | 17620020.4 | 1         | Pin                   |     |           |
| 12         | 17620036.4 | 2         | Pin Dowel             |     |           |
| 13         | 17220014.4 | 1         | Shaft Assy, IDLER     |     |           |
| 13A        | 17220028   | 1         | Ball                  |     |           |
| 14         | 17220002   | 4         | Seal, Side            |     |           |
| 15         | 17624047.4 | 1         | Shaft Oil Filter      |     |           |
| 16         | 17120019   | 2         | Pin, dowel            |     |           |
| 17         | 17220023.4 | 1         | Plug, TAPER           |     |           |
| 18         | 17020014   | 1         | Cap                   |     |           |
| 19         | 13220028   | 4         | Bolt                  |     |           |
| 20         | 17220015.4 | 1         | Case, Oil Seal        |     |           |
| 21         | 17220016   | 1         | Gasket, Oil Seal Case |     |           |
| 22         | 17220063   | 1         | Seal, Oil             |     |           |
| 23         | 17220059.4 | 5         | Bolt                  |     |           |
| 24         | 17620024.4 | 1         | Plug TAPER            |     |           |
| 25         | 13620003   | 1         | Metal Set STD.        |     |           |
| 26         | 13620004   | 1         | METAL Set 0.25        |     |           |



| D_MIC1_1_6 |          |      |                 |     |      | Crankcase |
|------------|----------|------|-----------------|-----|------|-----------|
| Fig.       | Ref.     | Qty. | Descr.          | Obs | From | UpTo      |
| 27         | 13620005 | 1    | METAL Set 0.50  |     |      |           |
| 28         | 13620006 | 1    | METAL Set 0.75  |     |      |           |
| 29         | 17220029 | 1    | Gauge Oil LEVEL |     |      |           |

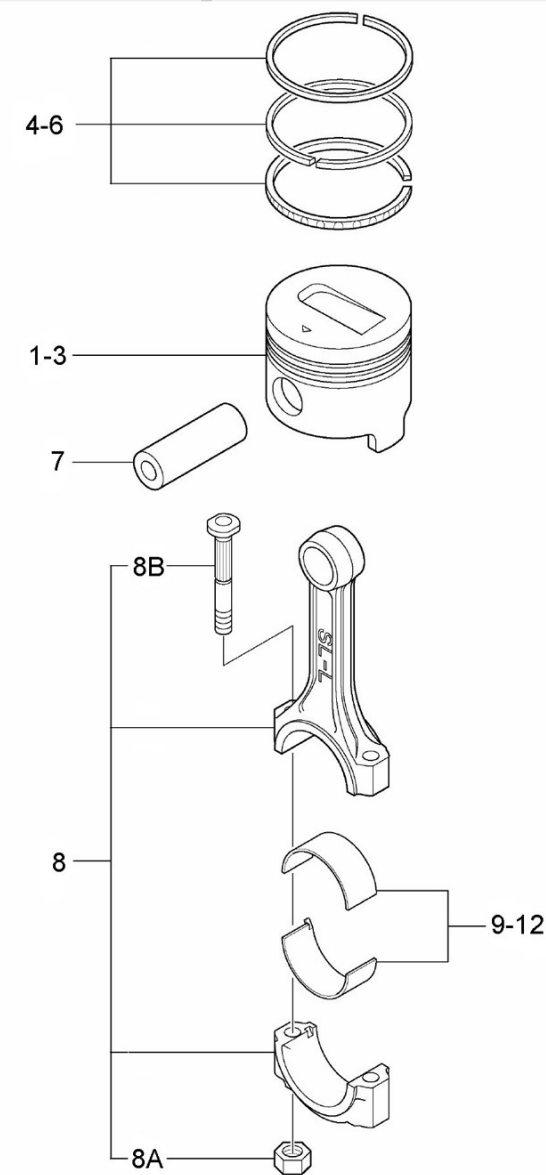


| D_MIC1_1_7 |          |      |                              | Rear Plate |      |      |
|------------|----------|------|------------------------------|------------|------|------|
| Fig.       | Ref.     | Qty. | Descr.                       | Obs        | From | UpTo |
| 1          | 17220017 | 1    | Plate, REAR                  |            |      |      |
| 2          | 13220026 | 2    | Pin KNOCK (10X12)            |            |      |      |
| 3A         | 52202359 | 8    | Bolt DIN 933 M12-1,25-30 8.8 |            |      |      |
| 3B         | 53033008 | 8    | Washer GROWER DIN 127-8      |            |      |      |



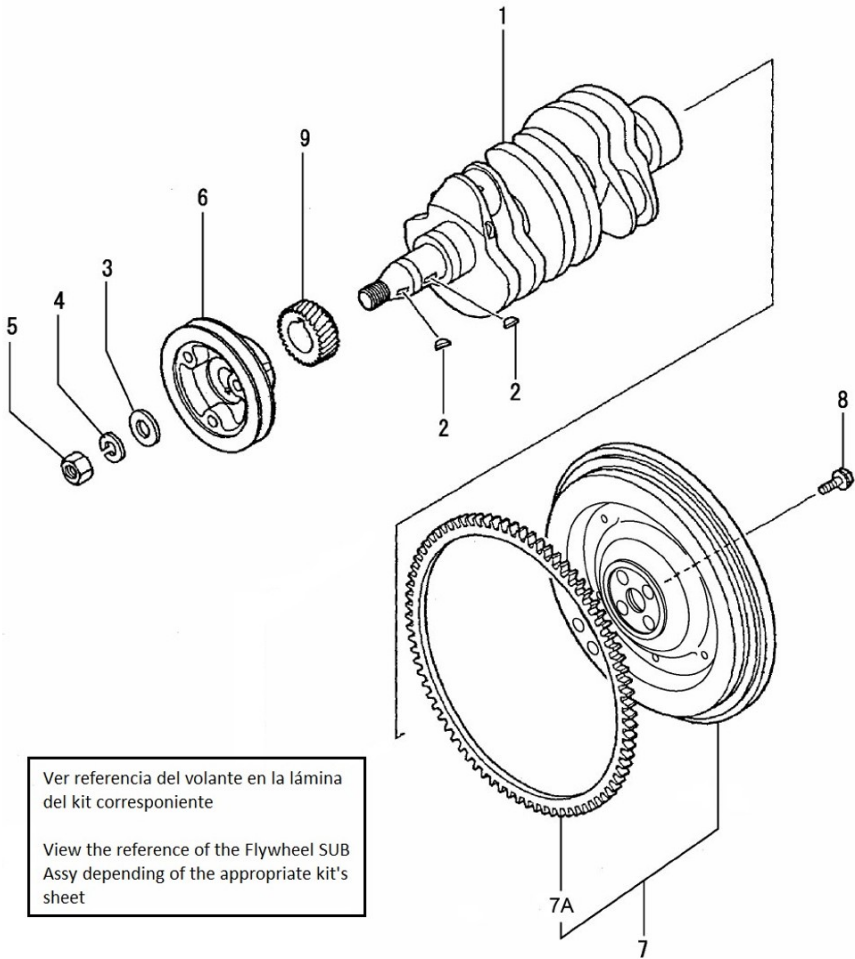


| D_MIC1_1_8 |          |      | Piston & Connection Rod   |     |      |      |
|------------|----------|------|---------------------------|-----|------|------|
| Fig.       | Ref.     | Qty. | Descr.                    | Obs | From | UpTo |
| 1          | 17222001 | 3    | Piston STD.               |     |      |      |
| 2          | 17222002 | 3    | Piston + 0,25             |     |      |      |
| 3          | 17222003 | 3    | Piston + 0,50             |     |      |      |
| 4          | 17222006 | 3    | Ring Set, Piston STD      |     |      |      |
| 5          | 17222007 | 3    | Ring Set, Piston + 0,25   |     |      |      |
| 6          | 17222008 | 3    | Ring Set, Piston + 0,50   |     |      |      |
| 7          | 17222009 | 3    | Pin, Piston               |     |      |      |
| 8          | 17222010 | 3    | Rod Assy, Connecting      |     |      |      |
| 8A         | 17022011 | 6    | Nut,connecting rod        |     |      |      |
| 8B         | 17222013 | 6    | Bolt,connecting rod       |     |      |      |
| 9          | 17222014 | 3    | Metal Set, Con Rod STD.   |     |      |      |
| 10         | 17222015 | 3    | METAL Set, CON ROD - 0,25 |     |      |      |
| 11         | 17222016 | 3    | METAL Set, CON ROD - 0,50 |     |      |      |
| 12         | 17222017 | 3    | METAL Set, CON ROD - 0,75 |     |      |      |

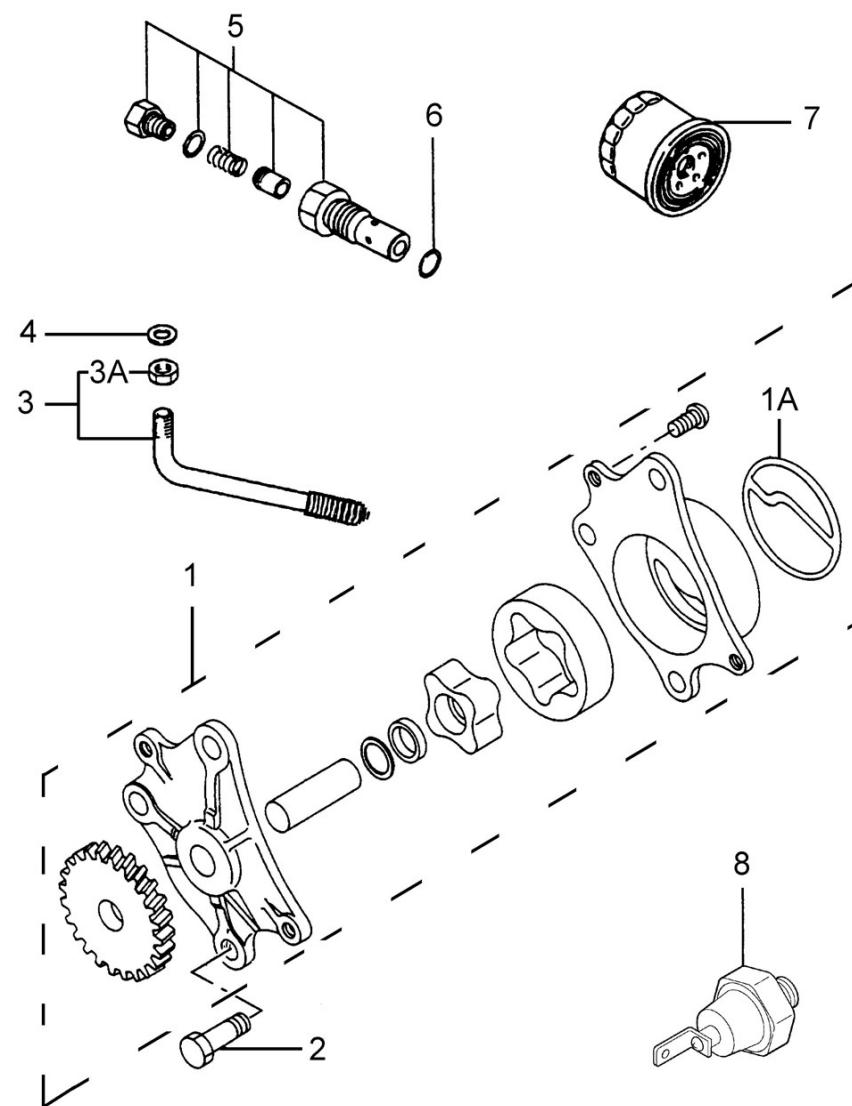


| D_MIC1_1_9 Crankshaft & Flywheel |      |      |        |     |           |
|----------------------------------|------|------|--------|-----|-----------|
| Fig.                             | Ref. | Qty. | Descr. | Obs | From UpTo |

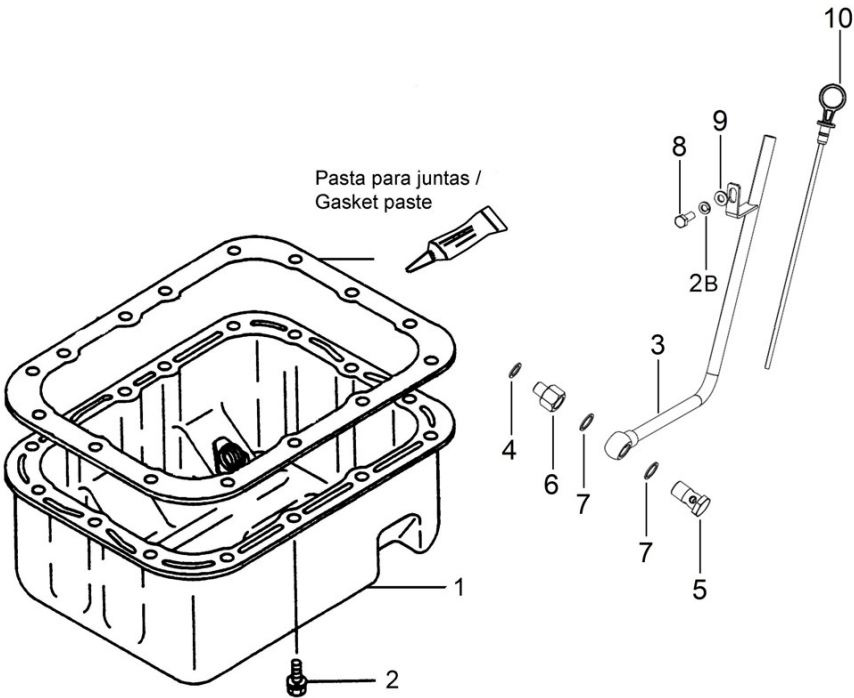
|    |            |   |                          |  |  |
|----|------------|---|--------------------------|--|--|
| 1  | 17222018   | 1 | CrankShaft               |  |  |
| 2  | 17222020.4 | 2 | KEY                      |  |  |
| 3  | 17222051   | 1 | Washer, Plain            |  |  |
| 4  | 53033018   | 1 | Washer GROWER DIN 127-18 |  |  |
| 5  | 13222026   | 1 | Nut                      |  |  |
| 6  | 17222024   | 1 | Pulley CrankShaft        |  |  |
| 7  | 17222027   | 1 | Flywheel SUB Assy        |  |  |
| 7A | 13222029   | 1 | Gear                     |  |  |
| 8  | 17222031.4 | 4 | Bolt Drive               |  |  |
| 9  | 17222021.4 | 1 | Gear, CrankShaft         |  |  |



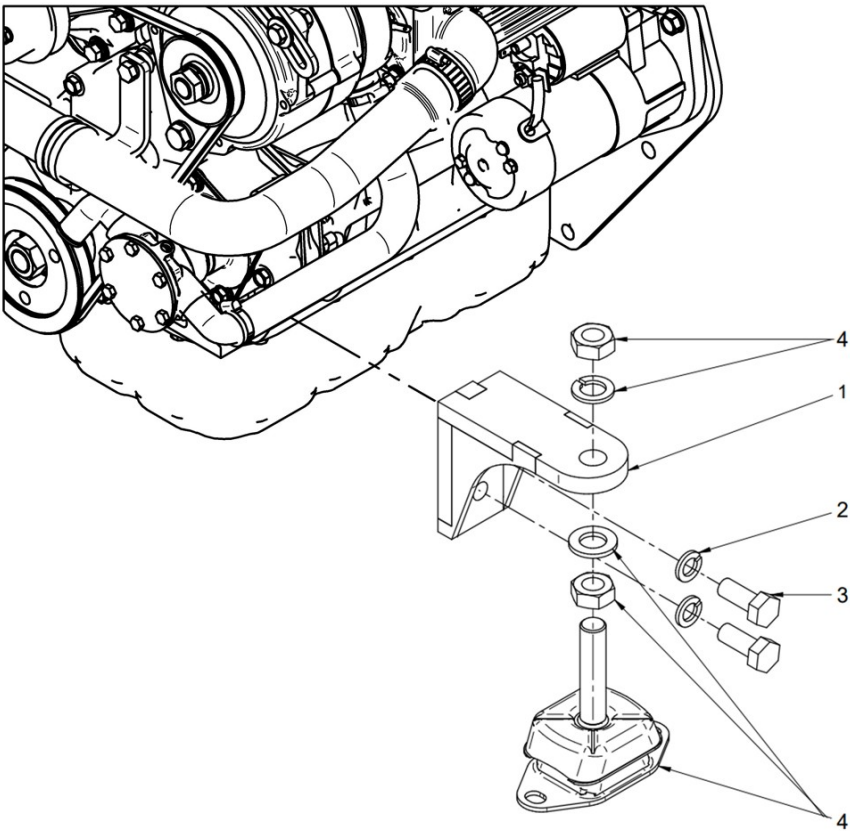
| D_MIC1_1_10 |            | Oil System |                                       |     |      |      |
|-------------|------------|------------|---------------------------------------|-----|------|------|
| Fig.        | Ref.       | Qty.       | Descr.                                | Obs | From | UpTo |
| 1           | 17224040   | 1          | Pump Assy, Oil                        |     |      |      |
| 1A          | 17224041   | 1          | Packing, Body                         |     |      |      |
| 2           | 52102258   | 3          | Bolt DIN 933 M8-25 8.8                |     |      |      |
| 3           | 17224052.4 | 1          | Strainer Assy                         |     |      |      |
| 3A          | 51221016   | 1          | Nut DIN 936 M16X1,5 5.6 ZINC          |     |      |      |
| 4           | 17024001   | 1          | Gasket                                |     |      |      |
| 5           | 17124072   | 1          | Valve, Assy                           |     |      |      |
| 6           | 17424063   | 1          | Gasket                                |     |      |      |
| 7           | 13124051   | 1          | Oil Filter Element from MINI 11 to 55 |     |      |      |
| 8           | 17127027.1 | 1          | SWITCH, oil pressure                  |     |      |      |



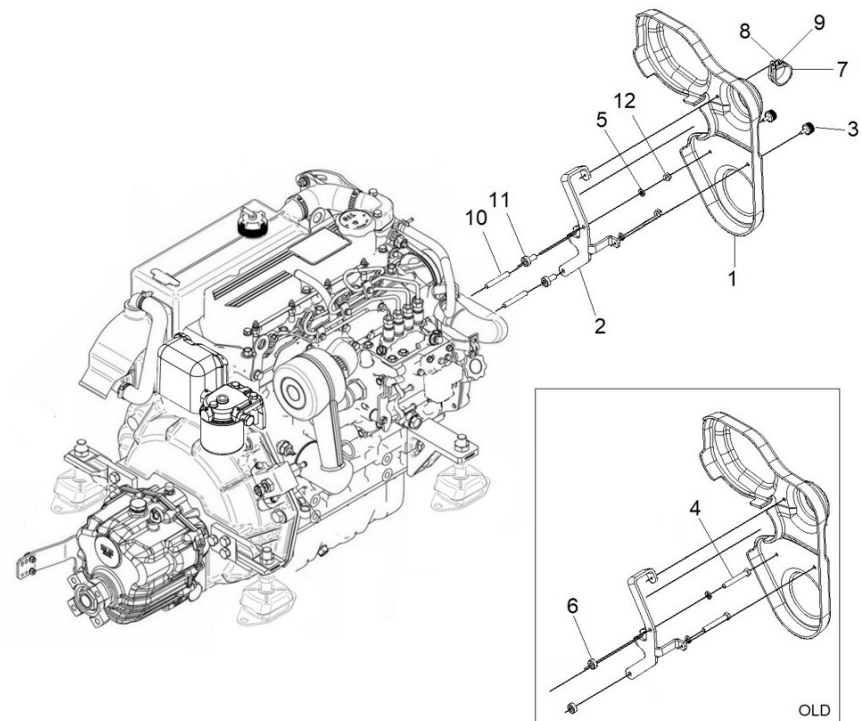
| D_MIC2_1_11 |            | Oil Pan |                         |     |           |
|-------------|------------|---------|-------------------------|-----|-----------|
| Fig.        | Ref.       | Qty.    | Descr.                  | Obs | From UpTo |
| 1           | 17220030.4 | 1       | PAN Assy, Oil           |     |           |
| 2A          | 52102256   | 15      | Bolt DIN 933 M8-16 8.8  |     |           |
| 2B          | 53033008   | 16      | Washer GROWER DIN 127-8 |     |           |
| 3           | 17312030   | 1       | Tube Oil Gauge          |     |           |
| 4           | 56000069   | 1       | Washer 14-20-1,5        |     |           |
| 5           | 16514022   | 1       | Coupling,screw 18x150   |     |           |
| 6           | 17312031   | 1       | Adapter                 |     |           |
| 7           | 56000077   | 2       | Washer 18-23-1,5        |     |           |
| 8           | 52102257   | 1       | Bolt DIN 933 M8-20 8.8  |     |           |
| 9           | 51030008   | 1       | Washer DIN 125-8        |     |           |
| 10          | 17312029   | 1       | Oil Dipstick            |     |           |



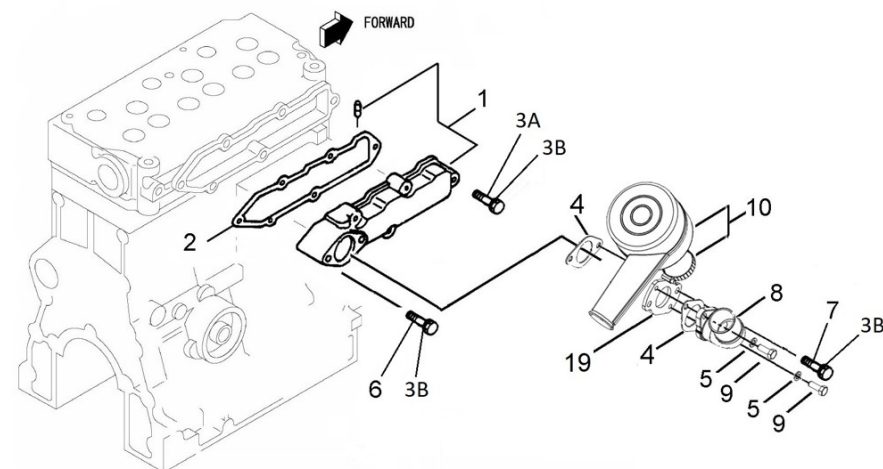
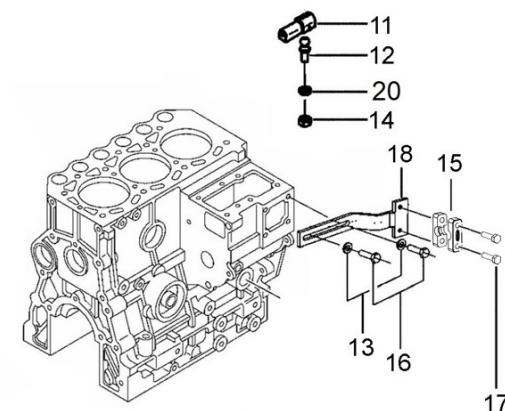
| D_MIC2_1_12 |          | Engine Brackets |                                      |     |      |      |
|-------------|----------|-----------------|--------------------------------------|-----|------|------|
| Fig.        | Ref.     | Qty.            | Descr.                               | Obs | From | UpTo |
| 1           | 17210028 | 2               | Bracket, Front                       |     |      |      |
| 2           | 53033012 | 4               | Washer Grower DIN 127-12             |     |      |      |
| 3           | 52202359 | 4               | Bolt DIN 933 M12-1,25-30 8.8         |     |      |      |
| 4           | 61654000 | 4               | Engine Mount Type D 55 SHA M16 H 106 |     |      |      |



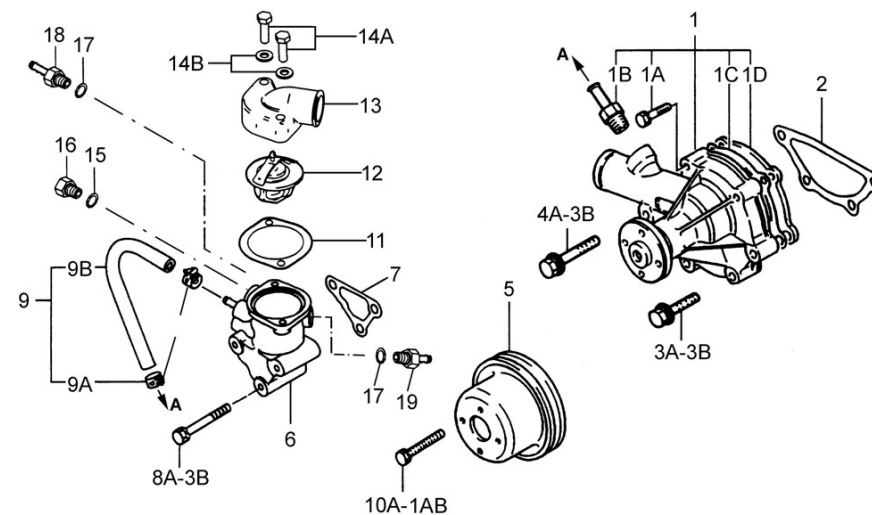
| D_MIC2_1_13 |          | Belt Protection |                               |     |            |            |
|-------------|----------|-----------------|-------------------------------|-----|------------|------------|
| Fig.        | Ref.     | Qty.            | Descr.                        | Obs | From       | UpTo       |
| 1           | 17210037 | 1               | Belt Protection               |     |            |            |
| 2           | 17210036 | 1               | Bracket                       |     |            |            |
| 3           | 13810247 | 3               | Grip Knob M6                  |     |            |            |
| 4           | 52101265 | 2               | Bolt DIN 931 M8-60 8.8        |     |            | 01/05/2022 |
| 5           | 53033008 | 2               | Washer GROWER DIN 127-8       |     |            |            |
| 6           | 12117044 | 2               | Spacer                        |     |            | 01/05/2022 |
| 7           | 59071383 | 1               | Clamp TYP.1 38/15 W1          |     |            |            |
| 8           | 51030006 | 1               | Washer DIN 125-6              |     |            |            |
| 9           | 52102156 | 1               | Bolt DIN 933 M6-16 8.8        |     |            |            |
| 10          | 52111265 | 2               | Rod DIN 913 M8-60 14.9        |     | 01/05/2022 |            |
| 11          | 17210041 | 2               | Anti Vibration Mount 25x10 M8 |     | 01/05/2022 |            |
| 12          | 52120008 | 2               | Nut DIN 934 M8 8.8            |     | 01/05/2022 |            |



| D_MIC2_2_1 |            | Inlet |                                |     |           |
|------------|------------|-------|--------------------------------|-----|-----------|
| Fig.       | Ref.       | Qty.  | Descr.                         | Obs | From UpTo |
| 1          | 17221030.4 | 1     | Cover Assy, Inlet              |     |           |
| 2          | 17221032   | 1     | Gasket, Inlet Cover            |     |           |
| 3A         | 52101260   | 5     | Bolt DIN 931 M8-35 8.8         |     |           |
| 3B         | 53033008   | 7     | Washer GROWER DIN 127-8        |     |           |
| 4          | 17221034   | 2     | Gasket, Inlet Pipe             |     |           |
| 5          | 53038008   | 2     | Washer DIN 6798-A 8            |     |           |
| 6          | 52103265   | 1     | Bolt DIN 912 M8-60 8.8         |     |           |
| 7          | 52103257   | 1     | Bolt DIN 912 M8-20 8.8         |     |           |
| 8          | 17210020   | 1     | Bend                           |     |           |
| 9          | 52102257   | 2     | Bolt DIN 933 M8-20 8.8         |     |           |
| 10         | 13810074   | 1     | Air Filter                     |     |           |
| 11         | 15119015   | 1     | CABLE Holder Ball              |     |           |
| 12         | 14419023   | 1     | Ball JOINT                     |     |           |
| 13         | 51030006   | 2     | Washer DIN 125-6               |     |           |
| 14         | 52120006   | 1     | Nut DIN 934 M6 8.8             |     |           |
| 15         | 13819001   | 2     | Half Flange Morse Cable        |     |           |
| 16         | 52102157   | 2     | Bolt DIN 933 M6-20 8.8         |     |           |
| 17         | 52102108   | 2     | Bolt DIN 933 M5-20 8.8 CINCADO |     |           |
| 18         | 17219003   | 1     | Bracket, Engine Control        |     |           |
| 19         | 17210042   | 1     | Inlet Flange                   |     |           |
| 20         | 53033006   | 1     | Washer GROWER DIN 127-6        |     |           |

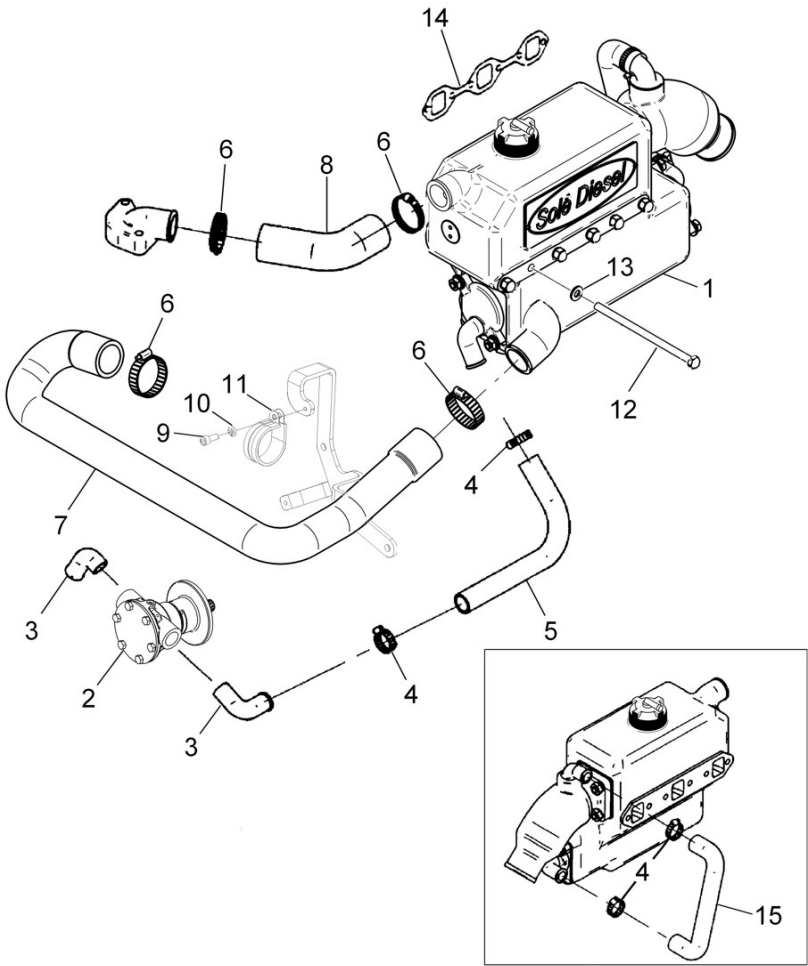


| D_MIC1_3_1 |            | Water Pump |                         |     |            |
|------------|------------|------------|-------------------------|-----|------------|
| Fig.       | Ref.       | Qty.       | Descr.                  | Obs | From UpTo  |
| 1          | 17221020.4 | 1          | Fresh Water Pump        |     | 10/06/2020 |
| 1AA        | 52102259   | 2          | Bolt DIN 933 M8-30 8.8  |     |            |
| 1AB        | 53033006   | 6          | Washer GROWER DIN 127-6 |     |            |
| 1B         | 13221026   | 1          | NIPPLE Hose             |     |            |
| 1C         | 13221041   | 1          | Gasket Water Pump       |     |            |
| 1D         | 13221042   | 1          | Plate Water Pump        |     |            |
| 2          | 17221022.4 | 1          | Gasket Water Pump       |     |            |
| 3A         | 52101262   | 3          | Bolt DIN 931 M8-45 8.8  |     |            |
| 3B         | 53033008   | 7          | Washer GROWER DIN 127-8 |     |            |
| 4A         | 52101265   | 1          | Bolt DIN 931 M8-60 8.8  |     |            |
| 5          | 17221021   | 1          | Pulley,Water Pump       |     |            |
| 6          | 17221037   | 1          | Assy Thermostat         |     |            |
| 7          | 17221033.4 | 1          | Gasket, Thermostat Case |     |            |
| 8A         | 52101266   | 3          | Bolt DIN 931 M8-65 8.8  |     |            |
| 9          | 17221025.4 | 1          | Hose Assy               |     |            |
| 9A         | 17824029   | 2          | Clip,Hose               |     |            |
| 9B         | 17221024.4 | 1          | Elbow                   |     |            |
| 10A        | 52102155   | 4          | Bolt DIN 933 M6-12 8.8  |     |            |
| 11         | 17221031   | 1          | Gasket,Thermostat       |     |            |
| 12         | 17221027   | 1          | Thermostat              |     |            |
| 13         | 17211020   | 1          | Fitting, Water Outlet   |     |            |
| 14A        | 52101260   | 2          | Bolt DIN 931 M8-35 8.8  |     |            |
| 14B        | 53038008   | 2          | Washer DIN 6798-A 8     |     |            |
| 15         | 17121013   | 1          | Gasket                  |     |            |
| 16         | 17121016   | 1          | Plug, drain             |     |            |
| 17         | 56000073   | 2          | Copper Washer 16-23-1,5 |     |            |
| 18         | 60900980   | 1          | Temperature Sensor      |     |            |
| 19         | 60900070   | 1          | Thermo-Switch 97°C      |     |            |



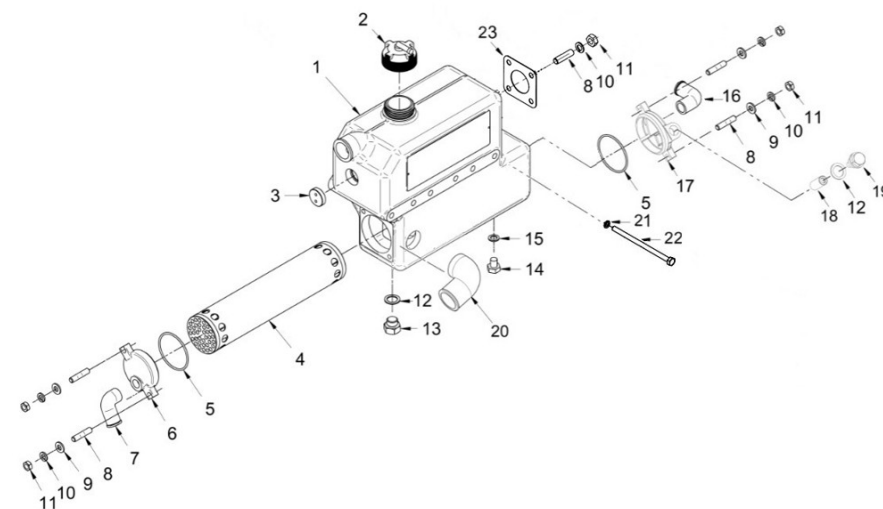


| D_MIC2_3_4 |           | Cooler Pipes |                                        |     |           |
|------------|-----------|--------------|----------------------------------------|-----|-----------|
| Fig.       | Ref.      | Qty.         | Descr.                                 | Obs | From UpTo |
| 1          | 17211002R | 1            | Water Cooler Assy MINI-33 (Spare Part) |     |           |
| 2          | 37611000  | 1            | Splined Pump 1/2" MINI-11/17/29/33/44  |     |           |
| 3          | 13811027  | 2            | Elbow 1/2"                             |     |           |
| 4          | 54081016  | 4            | Clamp DIN 3017 16-27/9 W4              |     |           |
| 5          | 17011012  | 1            | Elbow                                  |     |           |
| 6          | 54082032  | 4            | Clamp DIN 3017 32-50/12 W4             |     |           |
| 7          | 17211006  | 1            | Hose                                   |     |           |
| 8          | 17211021  | 1            | Elbow                                  |     |           |
| 9          | 52103156  | 1            | Bolt DIN 912 M6-16 8.8                 |     |           |
| 10         | 53033006  | 1            | Washer GROWER DIN 127-6                |     |           |
| 11         | 51071373  | 1            | Clamp 31-40/15 W1                      |     |           |
| 12         | 54101323  | 6            | Bolt DIN 931 M8-140 Inox.              |     |           |
| 13         | 56000057  | 6            | Washer 8-13-1,5                        |     |           |
| 14         | 17221035  | 1            | Gasket, Exhaust Manifold               |     |           |
| 15         | 17211034  | 1            | Rubber WET Exhaust Inlet BEND          |     |           |

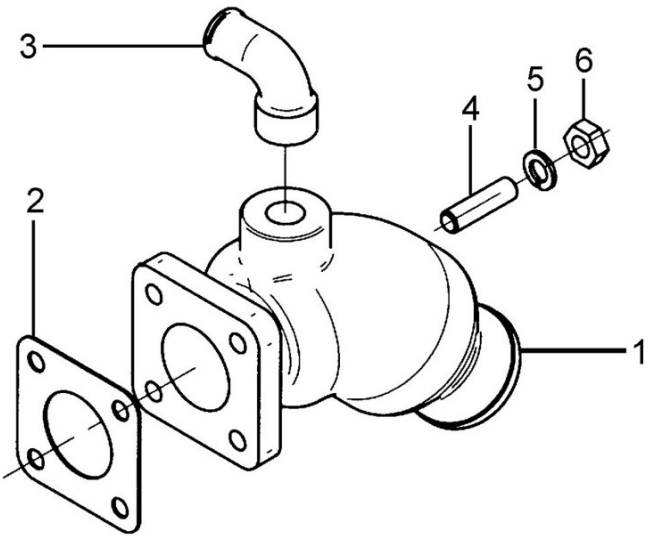


## D\_17211002R Water Cooler Assy MINI-33

| Fig. | Ref.     | Qty. | Descr.                        | Obs | From | UpTo |
|------|----------|------|-------------------------------|-----|------|------|
| 1    | 17211003 | 1    | Body, Water Cooler            |     |      |      |
| 2    | 13811010 | 1    | Cap                           |     |      |      |
| 3    | 12113092 | 1    | Plug                          |     |      |      |
| 4    | 17211004 | 1    | Tubular Bundle                |     |      |      |
| 5    | 13811007 | 2    | O-Ring D. 57X2,5              |     |      |      |
| 6    | 13811002 | 1    | Water Cooler Cover            |     |      |      |
| 7    | 13211027 | 1    | Water Inlet Bend              |     |      |      |
| 8    | 13311006 | 8    | Stud,cover                    |     |      |      |
| 9    | 51030008 | 4    | Washer DIN 125-8              |     |      |      |
| 10   | 53033008 | 8    | Washer GROWER DIN 127-8       |     |      |      |
| 11   | 54120008 | 8    | Nut DIN 934 M8                |     |      |      |
| 12   | 56000073 | 2    | Copper Washer 16-23-1,5       |     |      |      |
| 13   | 12111076 | 1    | Plug                          |     |      |      |
| 14   | 54102306 | 1    | Bolt DIN 933 M10-16 INOX.     |     |      |      |
| 15   | 56000061 | 1    | Washer 10-16-1,5              |     |      |      |
| 16   | 13211035 | 1    | Exhaust Manifold Outlet Bend  |     |      |      |
| 17   | 17211042 | 1    | Water Cooler Cover            |     |      |      |
| 18   | 13811043 | 1    | Engine Anode 29.5 mm M.8      |     |      |      |
| 19   | 18011009 | 1    | Anode Plug                    |     |      |      |
| 20   | 17111011 | 1    | Elbow 1 1/8"                  |     |      |      |
| 21   | 56000057 | 6    | Washer 8-13-1,5               |     |      |      |
| 22   | 54101323 | 6    | Bolt DIN 931 M8-140 Inox.     |     |      |      |
| 23   | 15113043 | 1    | Exhaust Elbow Gasket          |     |      |      |
| NS   | 17211040 | 1    | Water Cooler Adhesive Mini-33 |     |      |      |

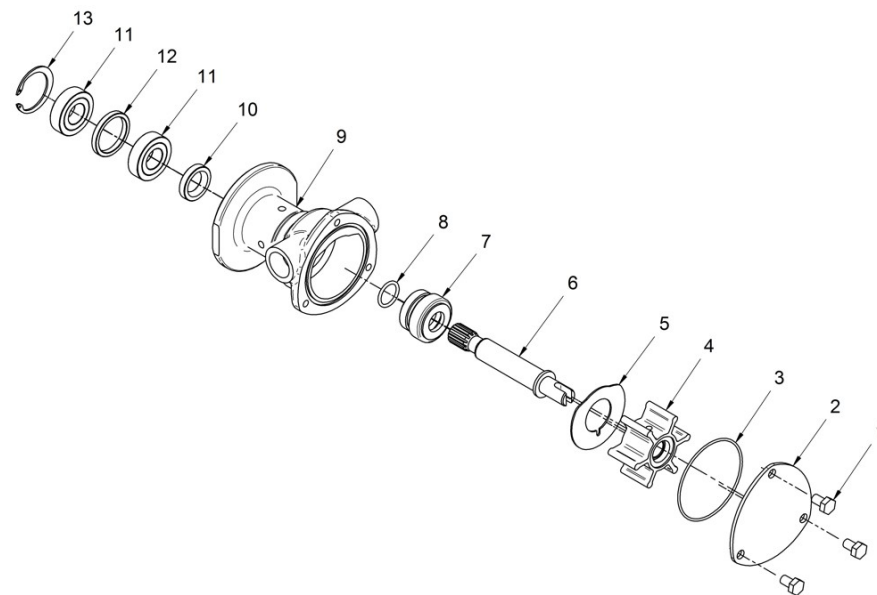


| D_MIC1_3_5 |          | Wet Exhaust |                         |     |           |
|------------|----------|-------------|-------------------------|-----|-----------|
| Fig.       | Ref.     | Qty.        | Descr.                  | Obs | From UpTo |
| 1          | 17013015 | 1           | Elbow,wet exhaust       |     |           |
| 2          | 15113043 | 1           | Exhaust Elbow Gasket    |     |           |
| 3          | 17211028 | 1           | Water Bend              |     |           |
| 4          | 13311006 | 4           | Stud,cover              |     |           |
| 5          | 53033008 | 4           | Washer GROWER DIN 127-8 |     |           |
| 6          | 52120008 | 4           | Nut DIN 934 M8 8.8      |     |           |

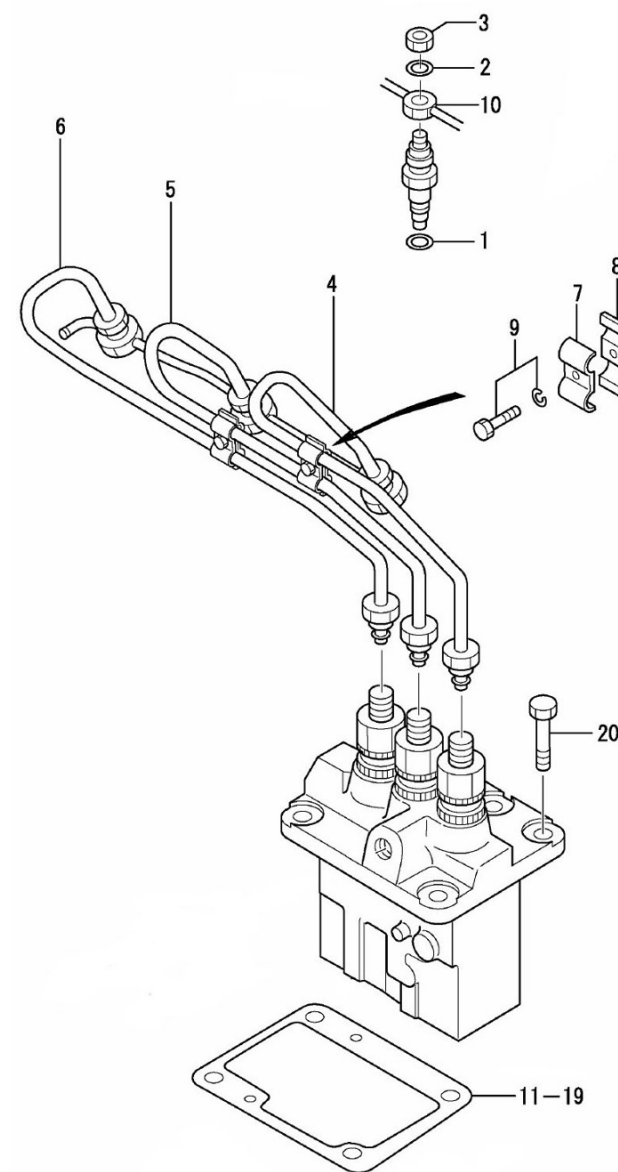


## 37611000 Splined Pump 1/2" MINI-11/17/29/33/44

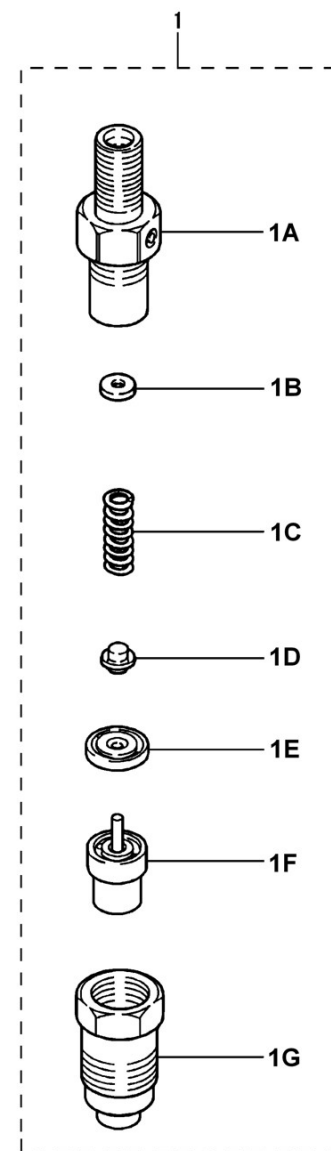
| Fig. | Ref.     | Qty. | Descr.                  | Obs | From | UpTo       |
|------|----------|------|-------------------------|-----|------|------------|
| 1    | 54102154 | 3    | Bolt DIN 933 M6-10 INOX |     |      |            |
| 2    | 37611002 | 1    | Cover Pump              |     |      |            |
| 3    | 37611003 | 1    | O-Ring D. 57x1,5        |     |      | 01/06/2022 |
| 4    | 31211008 | 1    | 1/2" Impeller           |     |      |            |
| 5    | 37611026 | 1    | Plate, Friction         |     |      |            |
| 6    | 33811010 | 1    | Shaft, Water Pump       |     |      |            |
| 7    | 33411019 | 1    | Seal                    |     |      |            |
| 8    | 33311013 | 1    | O-Ring D. 15X2          |     |      |            |
| 9    | 37611001 | 1    | Body, Water Pump 1/2"   |     |      |            |
| 10   | 33411020 | 1    | Seal                    |     |      |            |
| 11   | 33411014 | 2    | Ball Bearing 6002-C3    |     |      |            |
| 12   | 33811015 | 1    | Spacer                  |     |      |            |
| 13   | 53041032 | 1    | CIRClip DIN 472 I-32    |     |      |            |



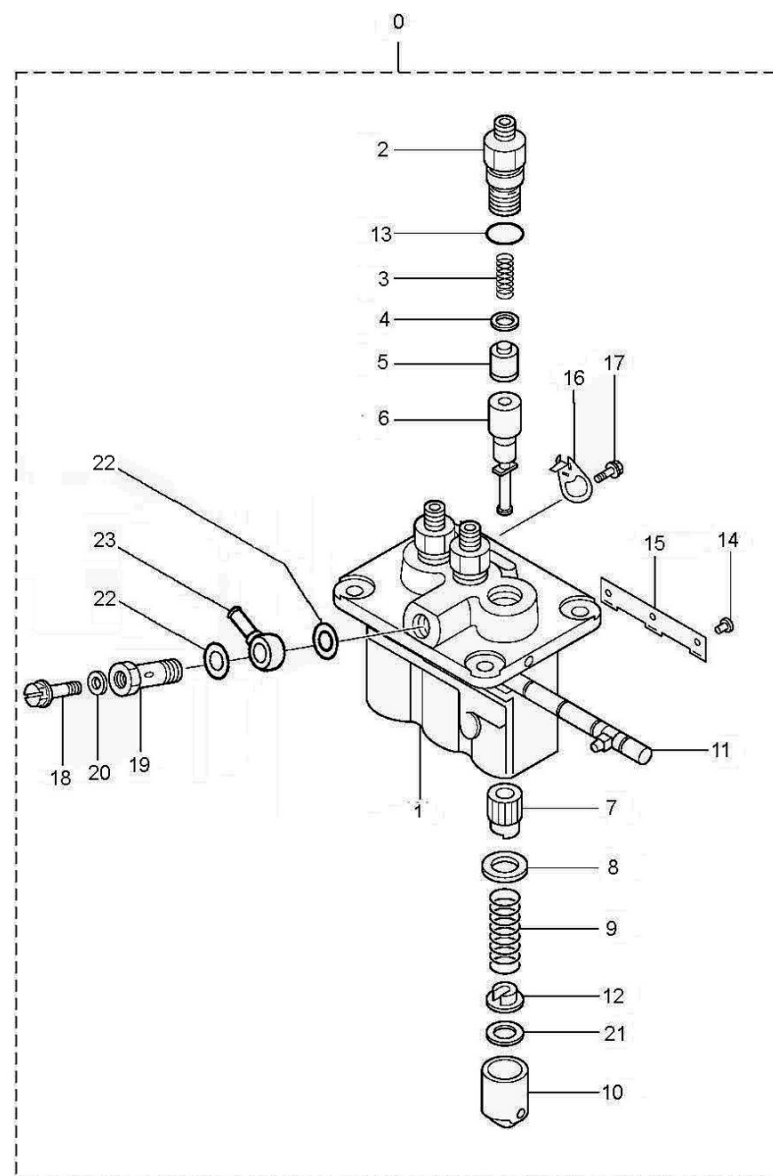
| D_MIC1_4_1 |            | Fuel Pipe |                                 |     |           |
|------------|------------|-----------|---------------------------------|-----|-----------|
| Fig.       | Ref.       | Qty.      | Descr.                          | Obs | From UpTo |
| 1          | 13824013   | 3         | Injector Washer                 |     |           |
| 2          | 13824025   | 3         | Injector Gasket                 |     |           |
| 3          | 13824024.4 | 3         | Nut                             |     |           |
| 4          | 17224015.4 | 1         | Pipe Injection N.1              |     |           |
| 5          | 17224016.4 | 1         | Pipe Injection N.2              |     |           |
| 6          | 17224019.4 | 1         | Pipe Injection N.3              |     |           |
| 7          | 13124018   | 2         | Clamp (A)                       |     |           |
| 8          | 13124017   | 2         | Clamp (B)                       |     |           |
| 9          | 13124019   | 2         | Bolt                            |     |           |
| 10         | 17224002G  | 1         | Pipe, Fuel Leak OFF (Generator) |     |           |
| 11         | 17224003.4 | 0         | Shim Adjusting T=0,2MM.         | #   |           |
| 12         | 17224004.4 | 0         | Shim Adjusting T=0,3mm          | #   |           |
| 13         | 17224005.4 | 0         | Shim Adjusting T=0,4MM.         | #   |           |
| 14         | 17224006.4 | 0         | Shim Adjusting T=0,5MM.         | #   |           |
| 15         | 17224007.4 | 0         | Shim Adjusting T=0,6MM.         | #   |           |
| 16         | 17224008.4 | 0         | Shim Adjusting T=0,7MM.         | #   |           |
| 17         | 17224009.4 | 0         | Shim Adjusting T=0,8MM.         | #   |           |
| 18         | 17224010.4 | 0         | Shim Adjusting T=0,9MM.         | #   |           |
| 19         | 17224011.4 | 0         | Shim Adjusting T=1,0MM.         | #   |           |
| 20         | 17220059.4 | 4         | Bolt                            |     |           |



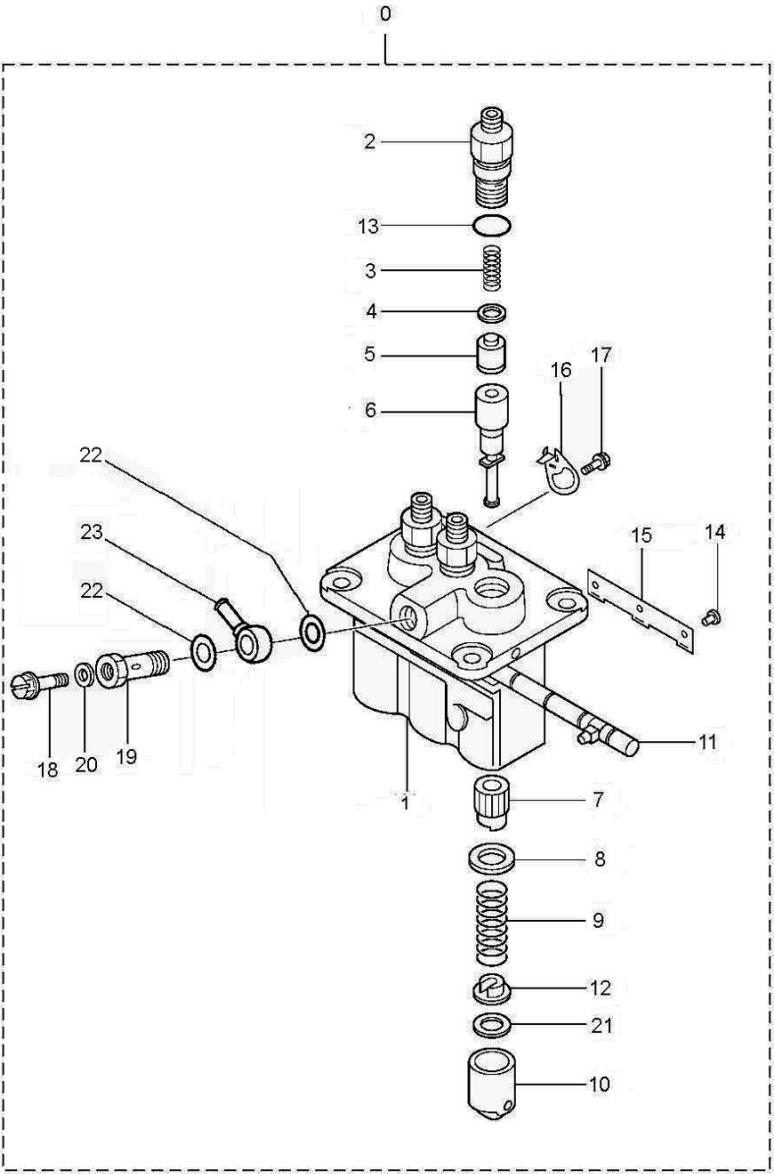
| D_MIC1_4_2 |          | Injection Nozzle |                       |     |      |      |
|------------|----------|------------------|-----------------------|-----|------|------|
| Fig.       | Ref.     | Qty.             | Descr.                | Obs | From | UpTo |
| 1          | 13826001 | 3                | Nozzle & Holder A     |     |      |      |
| 1A         | 13826002 | 3                | Body Assy             |     |      |      |
| 1BA        | 13826010 | 0                | Washer 1,25           | #   |      |      |
| 1BB        | 13826011 | 0                | Washer 1,30           | #   |      |      |
| 1BC        | 13826012 | 0                | Washer 1,35           | #   |      |      |
| 1BD        | 13826013 | 0                | Washer 1,40           | #   |      |      |
| 1BE        | 13826014 | 0                | Washer 1,45           | #   |      |      |
| 1BF        | 13826015 | 0                | Washer 1,50           | #   |      |      |
| 1BG        | 13826016 | 0                | Washer 1,55           | #   |      |      |
| 1BH        | 13826017 | 0                | Washer 1,60           | #   |      |      |
| 1BI        | 13826019 | 0                | Washer 1,65           | #   |      |      |
| 1BJ        | 13826020 | 0                | Washer 1,70           | #   |      |      |
| 1C         | 17226004 | 3                | Spring, Pressure      |     |      |      |
| 1D         | 13826003 | 3                | Pin Pressure          |     |      |      |
| 1E         | 13826007 | 3                | PIECE DISTANCE        |     |      |      |
| 1F         | 13826018 | 3                | Nozzle Assy           |     |      |      |
| 1G         | 17226006 | 3                | Nut, Nozzle RETAINING |     |      |      |



| D_MIC1_4_3 |            | Fuel Injection Pump |                            |     |           |
|------------|------------|---------------------|----------------------------|-----|-----------|
| Fig.       | Ref.       | Qty.                | Descr.                     | Obs | From UpTo |
| 0          | 17225001.1 | 1                   | Pump Assy,Fuel Injection   |     |           |
| 1          | 17225005   | 1                   | Housing SUB Assy           |     |           |
| 2          | 17325004.1 | 3                   | Holder,DELIVERY            |     |           |
| 3          | 17325002.1 | 3                   | Spring,DELIVERY            |     |           |
| 4          | 13125007   | 3                   | Gasket DELIVERY V          |     |           |
| 5          | 17225008G  | 3                   | Valve SUB-Assy (Generator) |     |           |
| 6          | 17225009.1 | 3                   | Element SUB Assy           |     |           |
| 7          | 13125010   | 3                   | SLEEVE                     |     |           |
| 8          | 17225011.1 | 3                   | Seat                       |     |           |
| 9          | 17225011G  | 3                   | Spring, Plunger            |     |           |
| 10         | 13125021   | 3                   | Tappet SUB Assy            |     |           |
| 11         | 17225006   | 1                   | RACK Assy, Control         |     |           |
| 12         | 13125013   | 3                   | Seat Spring LOWER          |     |           |
| 13         | 17325033.1 | 3                   | O-Ring                     |     |           |
| 14         | 17225022G  | 3                   | Pin, Tappet                |     |           |
| 15         | 17225023G  | 1                   | Plate                      |     |           |
| 16         | 17225030G  | 2                   | Plate, ADJUSTING           |     |           |
| 17         | 17225028   | 2                   | Bolt, With Washer          |     |           |
| 18         | 13125026   | 1                   | Screw Air BRETATH          |     |           |
| 19         | 13125027   | 1                   | Screw HOLLOW               |     |           |
| 20         | 17225025   | 1                   | Washer, Pipe Union         |     |           |
| 21A        | 13125014   | 0                   | Shim T=0,60                | #   |           |
| 21B        | 13125015   | 0                   | Shim T=0,2                 | #   |           |
| 21C        | 13325249   | 0                   | Shim T=0.30                | #   |           |
| 21D        | 13125017   | 0                   | Shim T=0,4                 | #   |           |
| 21E        | 13125018   | 0                   | Shim T=0,5                 | #   |           |
| 21F        | 13125019   | 0                   | Shim Adjusting T=0,25      | #   |           |
| 21G        | 13125020   | 0                   | Shim Adjusting T=0,35      | #   |           |
| 21H        | 17225018   | 0                   | Shim T=0.45                | #   |           |
| 21I        | 17225019   | 0                   | Shim T=0.55                | #   |           |
| 21J        | 17225020   | 0                   | Shim T=0.65                | #   |           |

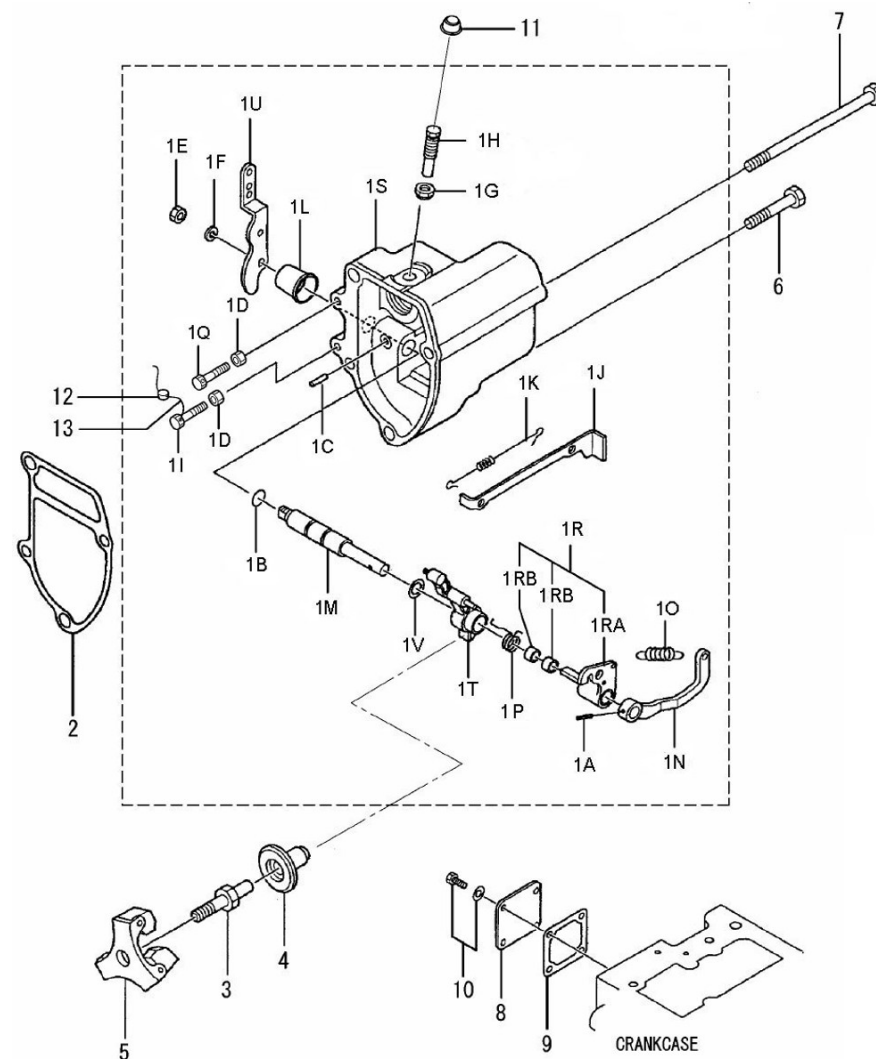


| D_MIC1_4_3 Fuel Injection Pump |            |      |               |     |           |
|--------------------------------|------------|------|---------------|-----|-----------|
| Fig.                           | Ref.       | Qty. | Descr.        | Obs | From UpTo |
| 22                             | 13124001   | 2    | Washer        |     |           |
| 23                             | 17225029.3 | 1    | Nipple Swivel |     |           |

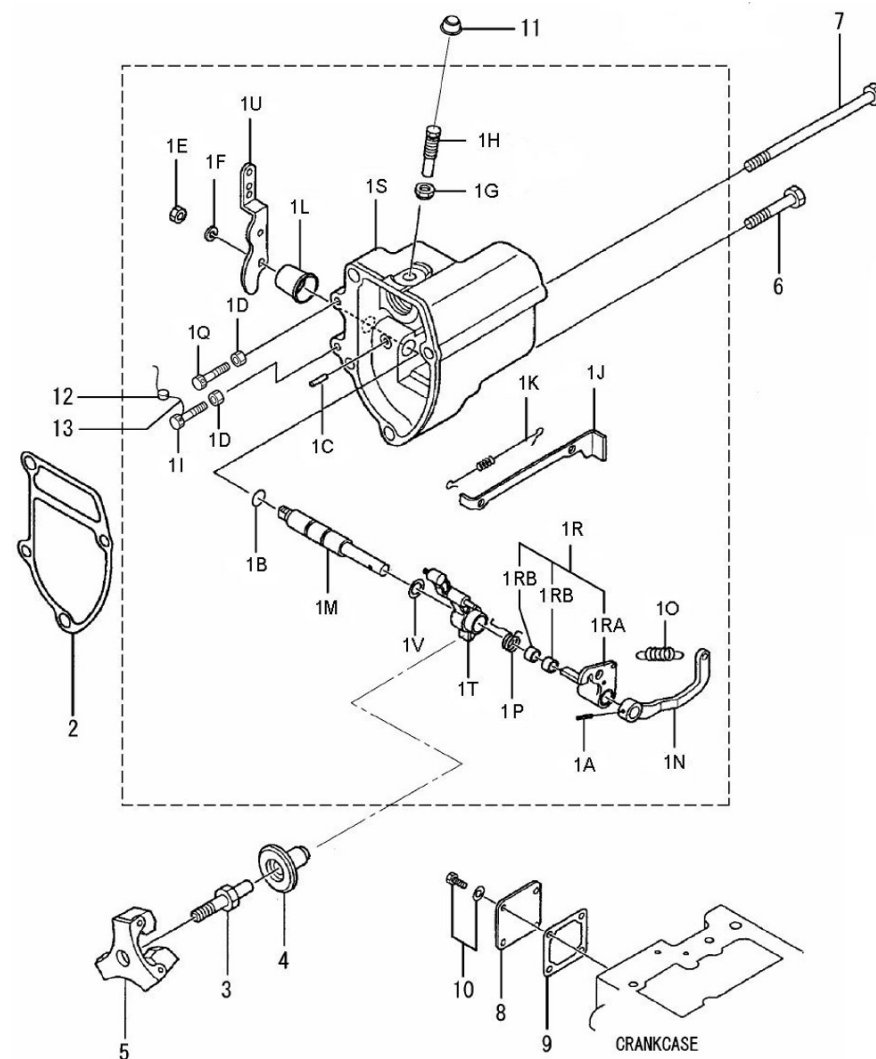




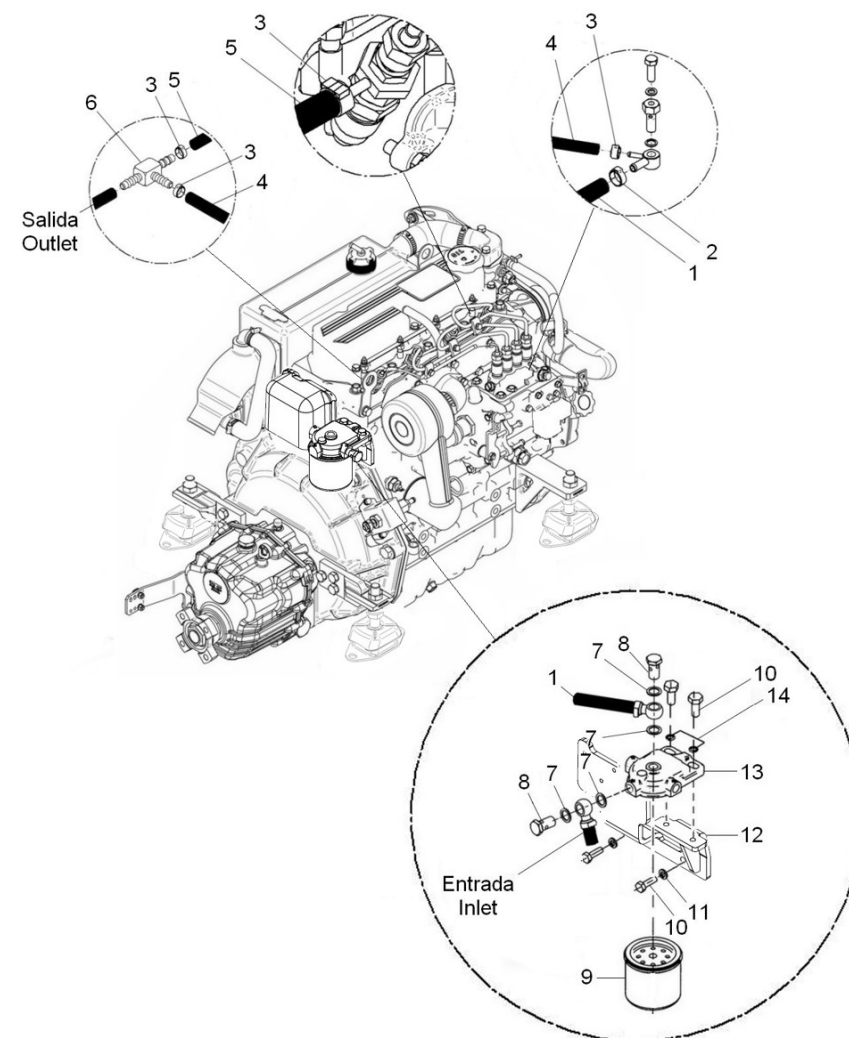
| D_MIC1_4_4 |            | Governor Parts |                         |     |           |
|------------|------------|----------------|-------------------------|-----|-----------|
| Fig.       | Ref.       | Qty.           | Descr.                  | Obs | From UpTo |
| 1          | 17223000.4 | 1              | Case Assy, Governor     |     |           |
| 1A         | 17223009   | 1              | Pin, Spring             |     |           |
| 1B         | 17223046   | 1              | O-Ring D. 10X2,5        |     |           |
| 1C         | 13123009   | 1              | Pin GROOVED             |     |           |
| 1D         | 17223032   | 2              | Nut                     |     |           |
| 1E         | 17223030   | 1              | Nut                     |     |           |
| 1F         | 53033008   | 1              | Washer GROWER DIN 127-8 |     |           |
| 1G         | 17223035   | 1              | Nut                     |     |           |
| 1H         | 13823034   | 1              | RACK Set Screw (new)    |     |           |
| 1I         | 17223017.4 | 1              | Bolt                    |     |           |
| 1J         | 17223048.4 | 1              | Lever TIE-ROD           |     |           |
| 1K         | 17223049   | 1              | Spring TIE-ROD          |     |           |
| 1L         | 17223036   | 1              | Cover, Governor         |     |           |
| 1M         | 17223006   | 1              | Shaft, GOverNOR         |     |           |
| 1N         | 17223003   | 1              | Lever, Governor         |     |           |
| 1O         | 17223044   | 1              | Spring, GOverNOR        |     |           |
| 1P         | 17223028   | 1              | Spring                  |     |           |
| 1Q         | 17223025   | 1              | Bolt Low Idle Set       |     |           |
| 1R         | (*)        | 1              | Not available           |     |           |
| 1RA        | 17223029   | 1              | Lever Assy              |     |           |
| 1RB        | 13220034   | 1              | Roller Bearings         |     |           |
| 1S         | 17223019.4 | 1              | Case, Governor          |     |           |
| 1T         | 17223007.4 | 1              | Lever, Governor         |     |           |
| 1U         | 17223008.4 | 1              | Lever, SPEED            |     |           |
| 1V         | 17323047.4 | 1              | Shim, Governor Shaft    |     |           |
| 2          | 17223033.4 | 1              | Gasket, Governor Case   |     |           |
| 3          | 17223050   | 1              | Shaft, SLIDING SLEEVE   |     |           |
| 4          | 17223031   | 1              | SLEEVE, SLIDING         |     |           |
| 5          | 17223001   | 1              | WEIGHT Assy, GOverNOR   |     |           |
| 6          | 17220034.4 | 3              | Bolt                    |     |           |
| 7          | 17223052.4 | 1              | Bolt, Governor Case     |     |           |



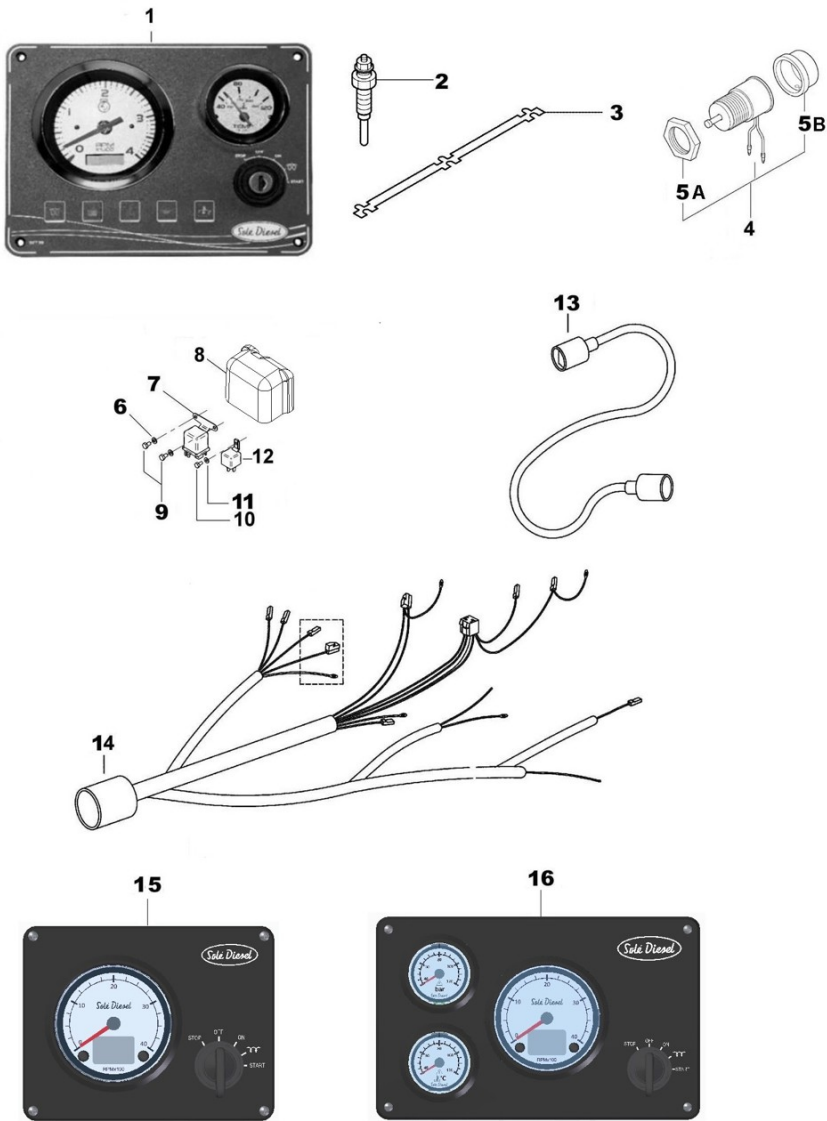
| D_MIC1_4_4 |            | Governor Parts |                         |     |           |
|------------|------------|----------------|-------------------------|-----|-----------|
| Fig.       | Ref.       | Qty.           | Descr.                  | Obs | From UpTo |
| 8          | 17223043.4 | 1              | Cover TIE-ROD           |     |           |
| 9          | 13223014   | 1              | Gasket Cover            |     |           |
| 10A        | 52102256   | 4              | Bolt DIN 933 M8-16 8.8  |     |           |
| 10B        | 53033006   | 4              | Washer GROWER DIN 127-6 |     |           |
| 11         | 13823042   | 1              | Cap TORQUE Set SE       |     |           |
| 12         | 17623020.4 | 1              | Metal,Fuel              |     |           |
| 13         | 13123019   | 1              | Metal Sealing           |     |           |



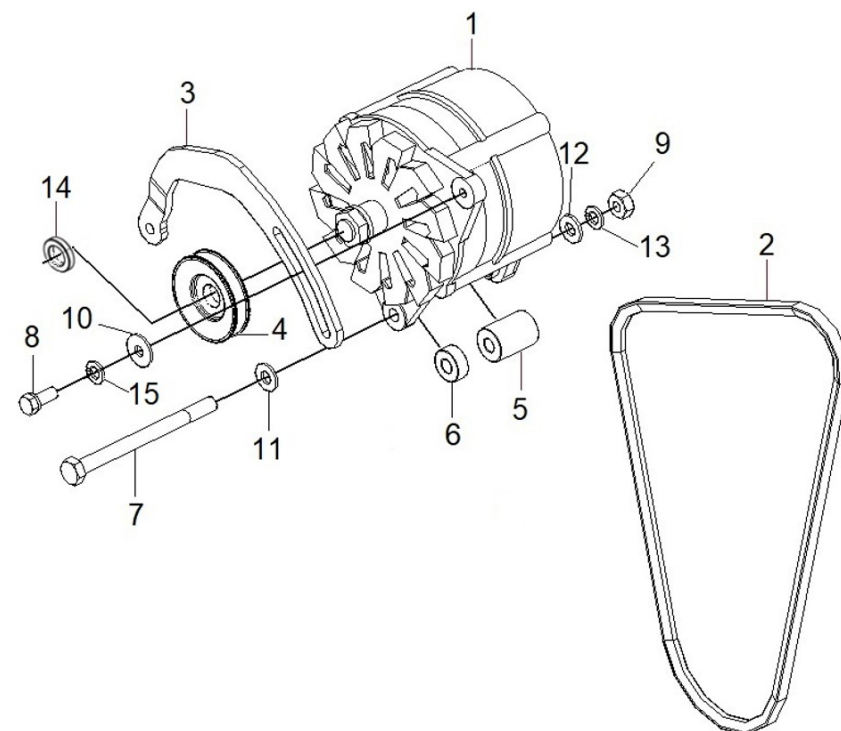
| D_MIC2_4_5 |          | Fuel Supply Parts |                                          |     |           |
|------------|----------|-------------------|------------------------------------------|-----|-----------|
| Fig.       | Ref.     | Qty.              | Descr.                                   | Obs | From UpTo |
| 1          | 17614027 | 1                 | Hose                                     |     |           |
| 2          | 51086016 | 1                 | ONE EAR Clamp With INTERIOR Ring 14-16,3 |     |           |
| 3          | 51086010 | 4                 | One Ear Clamp With Interior Ring 10-11,5 |     |           |
| 4          | 17214027 | 1                 | 0,39 M. Hose                             |     |           |
| 5          | 17614026 | 1                 | 0,04 M. Hose                             |     |           |
| 6          | 17614028 | 1                 | Bypass "T"                               |     |           |
| 7          | 57000369 | 4                 | Washer 14,2-20-1,5                       |     |           |
| 8          | 12814051 | 2                 | Screw,eye                                |     |           |
| 9          | 13114022 | 1                 | Fuel Filter Element from MINI 10 to 55   |     |           |
| 10         | 52102257 | 4                 | Bolt DIN 933 M8-20 8.8                   |     |           |
| 11         | 53033008 | 2                 | Washer GROWER DIN 127-8                  |     |           |
| 12         | 17317004 | 1                 | Relay-Fuel Filter Bracket                |     |           |
| 13         | 13114020 | 1                 | Cover,filter                             |     |           |
| 14         | 57000357 | 2                 | Washer 8,2-12-1,5                        |     |           |



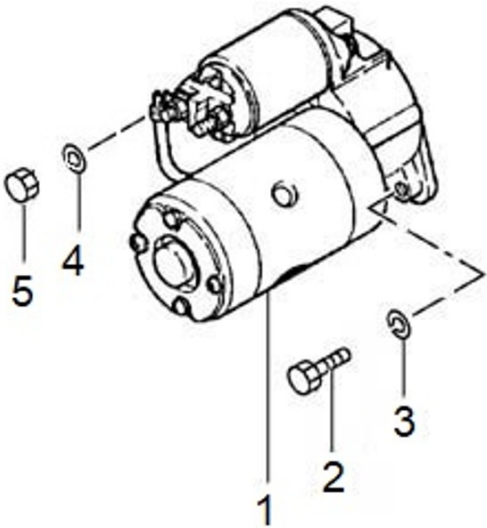
| D_MIC2_5_5 |            | Electrical Wiring |                                          |     |            |            |
|------------|------------|-------------------|------------------------------------------|-----|------------|------------|
| Fig.       | Ref.       | Qty.              | Descr.                                   | Obs | From       | UpTo       |
| 1          | 60972130R  | 1                 | SVT 20 MINI-33/44/55 Panel (Repl.)       |     |            | 04/03/2024 |
| 2          | 17127017   | 3                 | Plug, glow                               |     |            |            |
| 3          | 17227018.4 | 1                 | Plate                                    |     |            |            |
| 4          | 17224025.4 | 1                 | Solenoid ETS                             |     |            |            |
| 5A         | 17225029.4 | 1                 | Nut                                      |     |            |            |
| 5B         | 17023030   | 1                 | Cap GUM                                  |     |            |            |
| 6          | 51030006   | 2                 | Washer DIN 125-6                         |     |            |            |
| 7          | 13827005   | 1                 | Glow Relay                               |     |            |            |
| 8          | 13817003   | 1                 | Cover                                    |     |            |            |
| 9          | 52102154   | 2                 | Bolt DIN 933 M6-10 8.8                   |     |            |            |
| 10         | 52102104   | 1                 | Bolt DIN 933 M5-10 8.8                   |     |            |            |
| 11         | 51030005   | 1                 | Washer DIN 125-5                         |     |            |            |
| 12         | 13817005   | 1                 | Relay 6V                                 |     |            |            |
| 13         | 60938210.1 | 1                 | Engine Wiring Ext. 3 M. SUPERSEAL        |     |            |            |
| 14         | 60972204   | 1                 | Wiring Electrical MINI-33/44/55 SVT V.6  |     |            |            |
| 15A        | 63972211NS | 1                 | Panel SSG 20 MINI-33/44/55 ETS 12V Black |     | 04/03/2024 |            |
| 15B        | 63972211BS | 1                 | Panel SSG 20 MINI-33/44/55 ETS 12V White |     | 04/03/2024 |            |
| 16A        | 63972311NS | 1                 | Panel SSG 30 MINI-33/44/55 ETS 12V Black |     | 04/03/2024 |            |
| 16B        | 63972311BS | 1                 | Panel SSG 30 MINI-33/44/55 ETS 12V White |     | 04/03/2024 |            |



| D_MIC2_5_1 |          | Alt. 14V/120A |                          |     |           |
|------------|----------|---------------|--------------------------|-----|-----------|
| Fig.       | Ref.     | Qty.          | Descr.                   | Obs | From UpTo |
| 1          | 17217057 | 1             | Alt. 14V/120A            |     |           |
| 2          | 17217058 | 1             | Belt Type ZX 37,5 975    |     |           |
| 3          | 17217056 | 1             | Plate                    |     |           |
| 4          | 13817019 | 1             | Pulley Alternator        |     |           |
| 5          | 17217020 | 1             | Spacer 10,5X25X36        |     |           |
| 6          | 19017018 | 1             | Spacer 10,5X24X10        |     |           |
| 7          | 52101326 | 1             | Bolt DIN 931 M10-130 8.8 |     |           |
| 8          | 52102257 | 1             | Bolt DIN 933 M8-20 8.8   |     |           |
| 9          | 52120010 | 1             | Nut DIN 934 M10 8.8      |     |           |
| 10         | 51031008 | 1             | Washer DIN 9021 8        |     |           |
| 11         | 53038010 | 1             | Washer DIN 6798-A 10     |     |           |
| 12         | 51030010 | 1             | Washer DIN 125-10        |     |           |
| 13         | 53033010 | 1             | Washer GROWER DIN 127-10 |     |           |
| 14         | 13817017 | 1             | Spacer 17X28X5,5         |     |           |
| 15         | 53033008 | 1             | Washer GROWER DIN 127-8  |     |           |

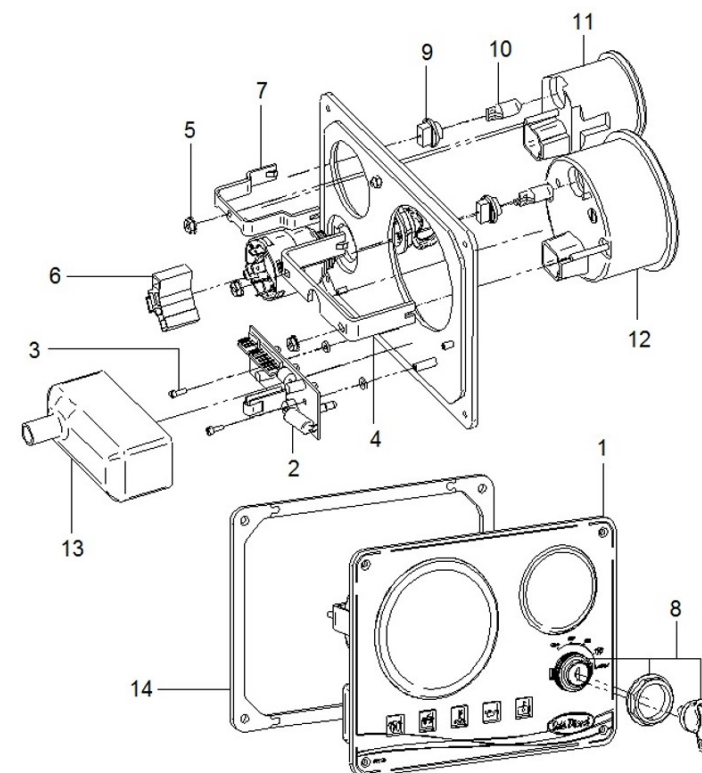


| D_MIC1_5_3 |            | Starter Assy |                                |     |      |      |
|------------|------------|--------------|--------------------------------|-----|------|------|
| Fig.       | Ref.       | Qty.         | Descr.                         | Obs | From | UpTo |
| 1          | 17227001.2 | 1            | Starter Assy 12 V              |     |      |      |
| 2          | 52202308   | 2            | Screw DIN 961 8.8 M-10/1,25X25 |     |      |      |
| 3          | 53033010   | 2            | Washer GROWER DIN 127-10       |     |      |      |
| 4          | 51030008   | 1            | Washer DIN 125-8               |     |      |      |
| 5          | 52120008   | 1            | Nut DIN 934 M8 8.8             |     |      |      |



## D\_60972130 SVT 20 MINI-33/44/55 Panel

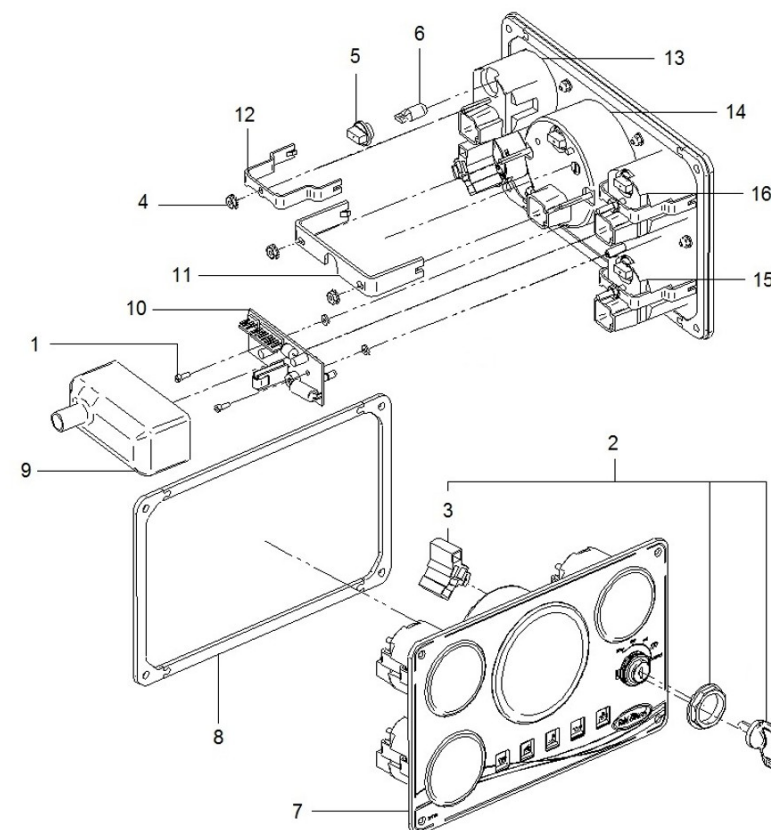
| Fig. | Ref.       | Qty. | Descr.                                   | Obs                                                                               | From       | UpTo |
|------|------------|------|------------------------------------------|-----------------------------------------------------------------------------------|------------|------|
| 1    | 60938005.1 | 1    | Panel N.2                                |                                                                                   |            |      |
| 2    | 60900301.3 | 1    | V3 C.I. 12V Prop. Engine Board.Varnished |                                                                                   |            |      |
| 3    | 54108003   | 2    | Bolt DIN 84 M3-8 INOX.                   |                                                                                   |            |      |
| 4    | 60900910.1 | 1    | Revolution Counter Fixing Bracket        |                                                                                   |            |      |
| 5    | 60900910.2 | 3    | Fixing Nut Gauge+Terminal                |                                                                                   |            |      |
| 6    | 60900037.2 | 1    | Connector                                |                                                                                   |            |      |
| 7    | 60900915.2 | 1    | Gauge Fixing Bracket                     |                                                                                   |            |      |
| 8    | 60900037   | 1    | Key-Locking                              |                                                                                   |            |      |
| 9    | 60900931   | 2    | SOCKET,WEDGE BASE                        |                                                                                   |            |      |
| 10   | 60900929   | 2    | Bulb 12V                                 |                                                                                   |            |      |
| 11   | 60900937   | 1    | Thermometer VT 12V                       |                                                                                   |            |      |
| 12   | 60972912   | 1    | Revol. Counter VT 12V MINI-33/44         |                                                                                   |            |      |
| 13   | 60900096   | 1    | Cover Plate for Motor Propeller          |                                                                                   |            |      |
| 14   | 60938006.1 | 1    | Gasket Panel                             |                                                                                   |            |      |
| NS   | 60900091   | 1    | MICRO Relay 12V 12-20                    |  |            |      |
| NS   | 60910012   | 1    | System Back Panel SVT/MVT 20 12V         |  | 07/12/2016 |      |





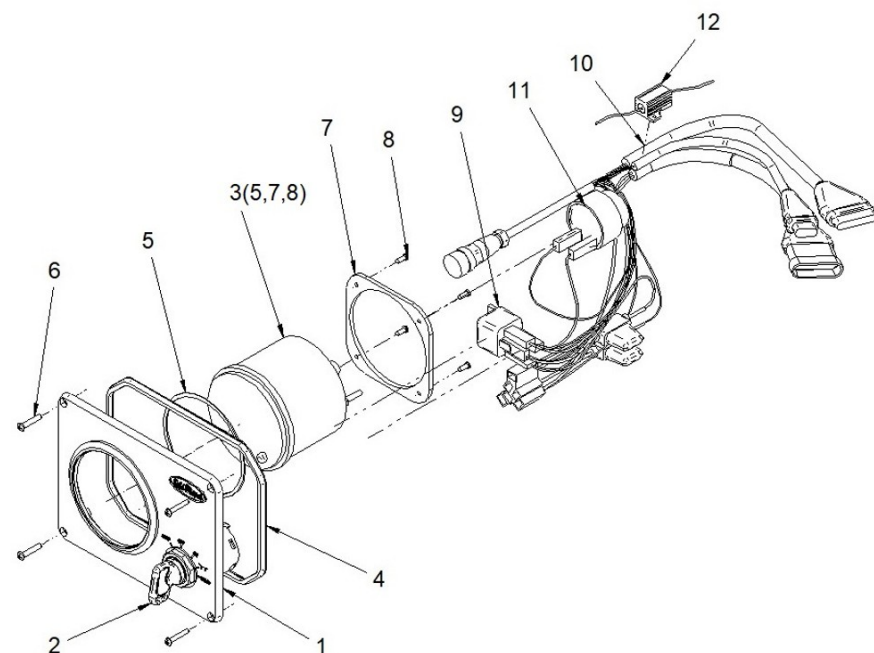
## D\_60972132 SVT 30 MINI-33/44/55 Panel

| Fig. | Ref.       | Qty. | Descr.                                   | Obs | From       | UpTo |
|------|------------|------|------------------------------------------|-----|------------|------|
| 1    | 54108003   | 2    | Bolt DIN 84 M3-8 INOX.                   |     |            |      |
| 2    | 60900037   | 1    | Key-Locking                              |     |            |      |
| 3    | 60900037.2 | 1    | Connector                                |     |            |      |
| 4    | 60900910.2 | 5    | Fixing Nut Gauge+Terminal                |     |            |      |
| 5    | 60900931   | 4    | SOCKET,WEDGE BASE                        |     |            |      |
| 6    | 60900929   | 4    | Bulb 12V                                 |     |            |      |
| 7    | 60990005.1 | 1    | Panel N.3                                |     |            |      |
| 8    | 60990006.1 | 1    | Gasket Panel                             |     |            |      |
| 9    | 60900096   | 1    | Cover Plate for Motor Propeller          |     |            |      |
| 10   | 60900301.3 | 1    | V3 C.I. 12V Prop. Engine Board.Varnished |     |            |      |
| 11   | 60900910.1 | 1    | Revolution Counter Fixing Bracket        |     |            |      |
| 12   | 60900915.2 | 3    | Gauge Fixing Bracket                     |     |            |      |
| 13   | 60900941   | 1    | Voltmeter VT 12V                         |     |            |      |
| 14   | 60972912   | 1    | Revol. Counter VT 12V MINI-33/44         |     |            |      |
| 15   | 60900937   | 1    | Thermometer VT 12V                       |     |            |      |
| 16   | 60900939   | 1    | Pressure Gauge VT 12V                    |     |            |      |
| NS   | 60900091   | 1    | MICRO Relay 12V 12-20                    |     |            |      |
| NS   | 60910014   | 1    | System Back Panel SVT/MVT 30 12V         |     | 07/12/2016 |      |

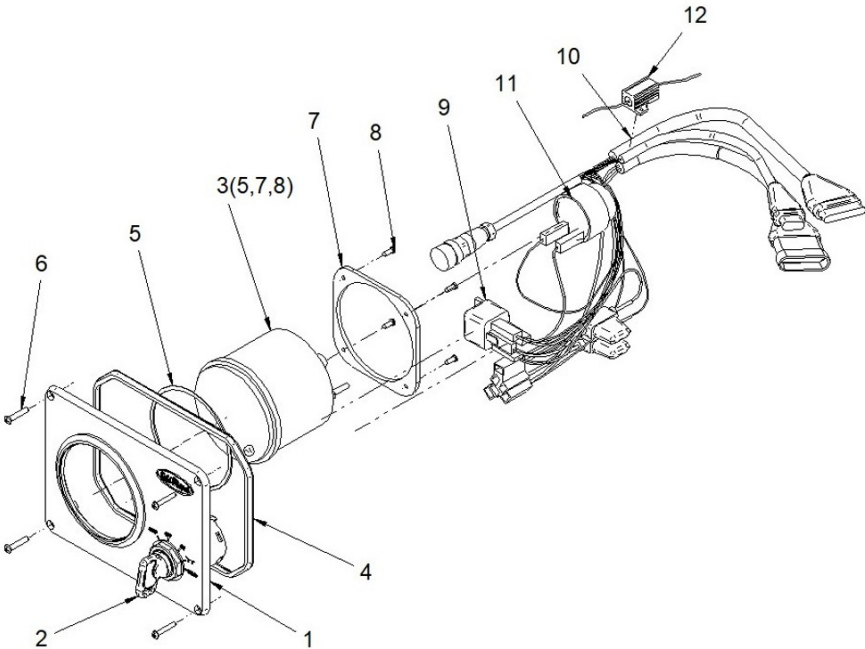




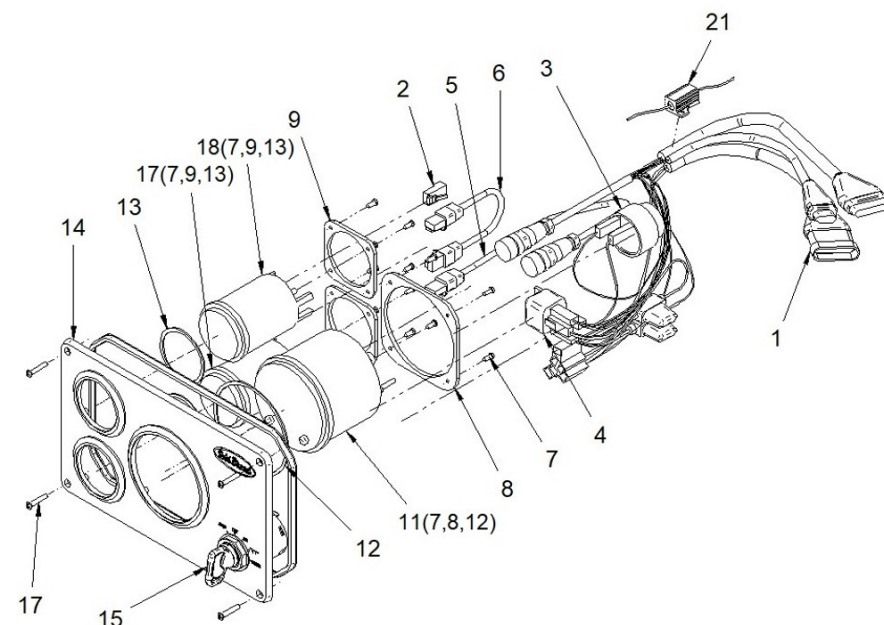
| D_1631 Panel SSG 20 Spare Parts |             |      |                                                     |     |      |      |
|---------------------------------|-------------|------|-----------------------------------------------------|-----|------|------|
| Fig.                            | Ref.        | Qty. | Descr.                                              | Obs | From | UpTo |
| 1                               | 63900013    | 1    | SSG 20 Panel Solé Diesel                            |     |      |      |
| 2                               | 60900037    | 1    | Key-Locking                                         |     |      |      |
| 3A                              | 63938001BSR | 1    | Revolution Counter SG Solé MINI-17/29 White         |     |      |      |
| 3B                              | 63938001BNR | 1    | Revolution Counter SG Solé MINI-17/29 Black         |     |      |      |
| 3C                              | 63972001BSR | 1    | Revolution Counter SG Solé MINI-33/44/55 White      |     |      |      |
| 3D                              | 63972001BNR | 1    | Revolution Counter SG Solé MINI-33/44/55 Black      |     |      |      |
| 3E                              | 639A0001BSR | 1    | Revolution Counter SG Solé SK-60 White              |     |      |      |
| 3F                              | 639A0001BNR | 1    | Revolution Counter SG Solé SK-60 Black              |     |      |      |
| 3G                              | 63971001BSR | 1    | Revolution Counter SG Solé MINI-62 White            |     |      |      |
| 3H                              | 63971001BNR | 1    | Revolution Counter SG Solé MINI-62 Black            |     |      |      |
| 3I                              | 63974001BSR | 1    | Revolution Counter SG Solé MINI-74/SM-105/103 White |     |      |      |
| 3J                              | 63974001BNR | 1    | Revolution Counter SG Solé MINI-74/SM-105/103 Black |     |      |      |
| 3K                              | 63978001BSR | 1    | Revolution Counter SG Solé SM-82/94 White           |     |      |      |
| 3L                              | 63978001BNR | 1    | Revolution Counter SG Solé SM-82/94 Black           |     |      |      |
| 3M                              | 63994001BSR | 1    | Revolution Counter SG Solé SDZ-165/205/280 White    |     |      |      |
| 3N                              | 63994001BNR | 1    | Revolution Counter SG Solé SDZ-165/205/280 Black    |     |      |      |
| 4                               | 63900017    | 1    | Gasket Panel SSG20                                  |     |      |      |
| 5                               | 63900009    | 1    | Silicone Tachometer Gasket SG 94x84x1 Frontal       |     |      |      |
| 6                               | 51918057    | 4    | Bolt DIN 7981 3,9-22                                |     |      |      |
| 7                               | 63900007    | 1    | SG D.85 Tachometer Bracket                          |     |      |      |
| 8                               | 5191B003    | 4    | Bolt CL81Z 3.1X8                                    |     |      |      |
| 9A                              | 63900028    | 1    | Relay 12V 20/30A NO+NC                              |     |      |      |
| Figure A for 12V System         |             |      |                                                     |     |      |      |
| 9B                              | 63900029    | 1    | Relay 24V 10/20A NO+NC                              |     |      |      |
| Figure b for 24V System         |             |      |                                                     |     |      |      |
| 10                              | 63900032    | 1    | Electrical Installation Panel SSG Master            |     |      |      |
| 11                              | 60900060    | 1    | Alarm, Buzzer                                       |     |      |      |
| 12A                             | 61100000    | 1    | Resistance 12V 18 Ohm with Connectors Panel SG      |     |      |      |
| Figure A for 12V System         |             |      |                                                     |     |      |      |
| 12B                             | 61100001    | 1    | Resistance 24V 75 Ohm with Connectors Panel SG      |     |      |      |
| Figure b for 24V System         |             |      |                                                     |     |      |      |



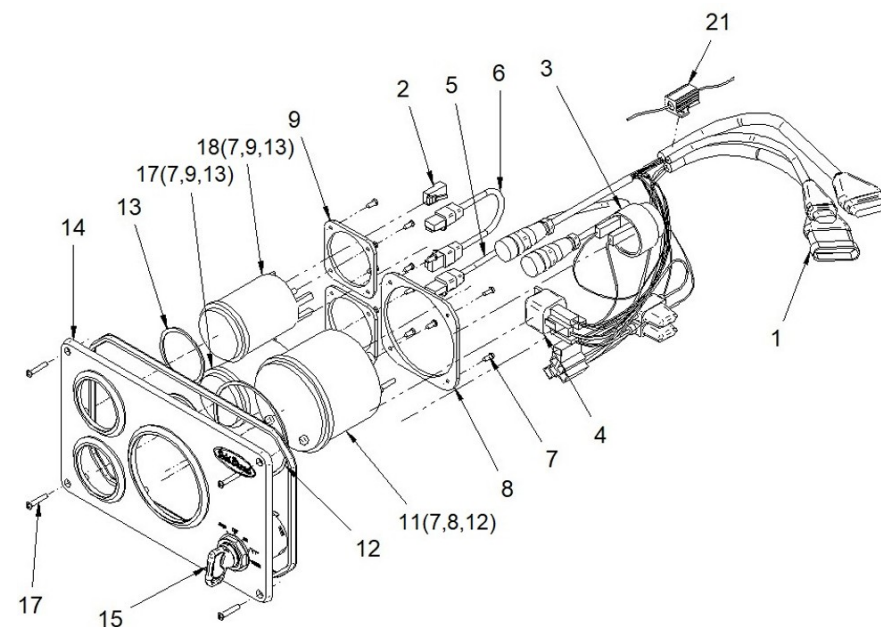
| D_1631 |            | Panel SSG 20 Spare Parts |                              |     |      |      |
|--------|------------|--------------------------|------------------------------|-----|------|------|
| Fig.   | Ref.       | Qty.                     | Descr.                       | Obs | From | UpTo |
| 13     | 63900040   | 1                        | Buzzer Bracket               |     |      |      |
| 14     | 53033005   | 2                        | Washer GROWER DIN 127-5      |     |      |      |
| 15     | 52120004   | 2                        | Nut DIN 934 M4 8.8           |     |      |      |
| NS     | LLAVERO.1A | 1                        | Floating Keyring Solé Diesel |     |      |      |



| D_1633 Panel SSG 30 Spare Parts |             |      |                                                     |     |      |      |
|---------------------------------|-------------|------|-----------------------------------------------------|-----|------|------|
| Fig.                            | Ref.        | Qty. | Descr.                                              | Obs | From | UpTo |
| 1                               | 63900032    | 1    | Electrical Installation Panel SSG Master            |     |      |      |
| 2                               | 63900026    | 1    | CAN RJ45 Bus End Resistor                           |     |      |      |
| 2                               | 63900037    | 1    | CAN RJ45 Bus End Resistor CAN M12-5pin NMEA2000     |     |      |      |
| 3                               | 60900060    | 1    | Alarm, Buzzer                                       |     |      |      |
| 4A                              | 63900028    | 1    | Relay 12V 20/30A NO+NC                              |     |      |      |
| Figure A for 12V System         |             |      |                                                     |     |      |      |
| 4B                              | 63900029    | 1    | Relay 24V 10/20A NO+NC                              |     |      |      |
| Figure b for 24V System         |             |      |                                                     |     |      |      |
| 5                               | 63900025    | 1    | M12-5 Pin To Connector RJ45 0.2m SG                 |     |      |      |
| 6                               | 63900027    | 1    | Ethernet Cable RJ45 0.2m                            |     |      |      |
| 7                               | 5191B003    | 12   | Bolt CL81Z 3.1X8                                    |     |      |      |
| 8                               | 63900007    | 1    | SG D.85 Tachometer Bracket                          |     |      |      |
| 8                               | 63900008    | 2    | SG D.52 Watch Support                               |     |      |      |
| 11A                             | 63938001BSR | 1    | Revolution Counter SG Solé MINI-17/29 White         |     |      |      |
| 11B                             | 63938001BNR | 1    | Revolution Counter SG Solé MINI-17/29 Black         |     |      |      |
| 11C                             | 63972001BSR | 1    | Revolution Counter SG Solé MINI-33/44/55 White      |     |      |      |
| 11D                             | 63972001BNR | 1    | Revolution Counter SG Solé MINI-33/44/55 Black      |     |      |      |
| 11E                             | 639A0001BSR | 1    | Revolution Counter SG Solé SK-60 White              |     |      |      |
| 11F                             | 639A0001BNR | 1    | Revolution Counter SG Solé SK-60 Black              |     |      |      |
| 11G                             | 63971001BSR | 1    | Revolution Counter SG Solé MINI-62 White            |     |      |      |
| 11H                             | 63971001BNR | 1    | Revolution Counter SG Solé MINI-62 Black            |     |      |      |
| 11I                             | 63974001BSR | 1    | Revolution Counter SG Solé MINI-74/SM-105/103 White |     |      |      |
| 11J                             | 63974001BNR | 1    | Revolution Counter SG Solé MINI-74/SM-105/103 Black |     |      |      |
| 11K                             | 63978001BSR | 1    | Revolution Counter SG Solé SM-82/94 White           |     |      |      |
| 11L                             | 63978001BNR | 1    | Revolution Counter SG Solé SM-82/94 Black           |     |      |      |
| 11M                             | 63994001BSR | 1    | Revolution Counter SG Solé SDZ-165/205/280 White    |     |      |      |
| 11N                             | 63994001BNR | 1    | Revolution Counter SG Solé SDZ-165/205/280 Black    |     |      |      |
| 12                              | 63900009    | 1    | Silicone Tachometer Gasket SG 94x84x1 Frontal       |     |      |      |
| 13                              | 63900010    | 2    | Silicone Watch Gasket SG 54x48x1 Frontal            |     |      |      |
| 14                              | 63900014    | 1    | SSG 30 Panel Solé Diesel                            |     |      |      |
| 15                              | 60900037    | 1    | Key-Locking                                         |     |      |      |



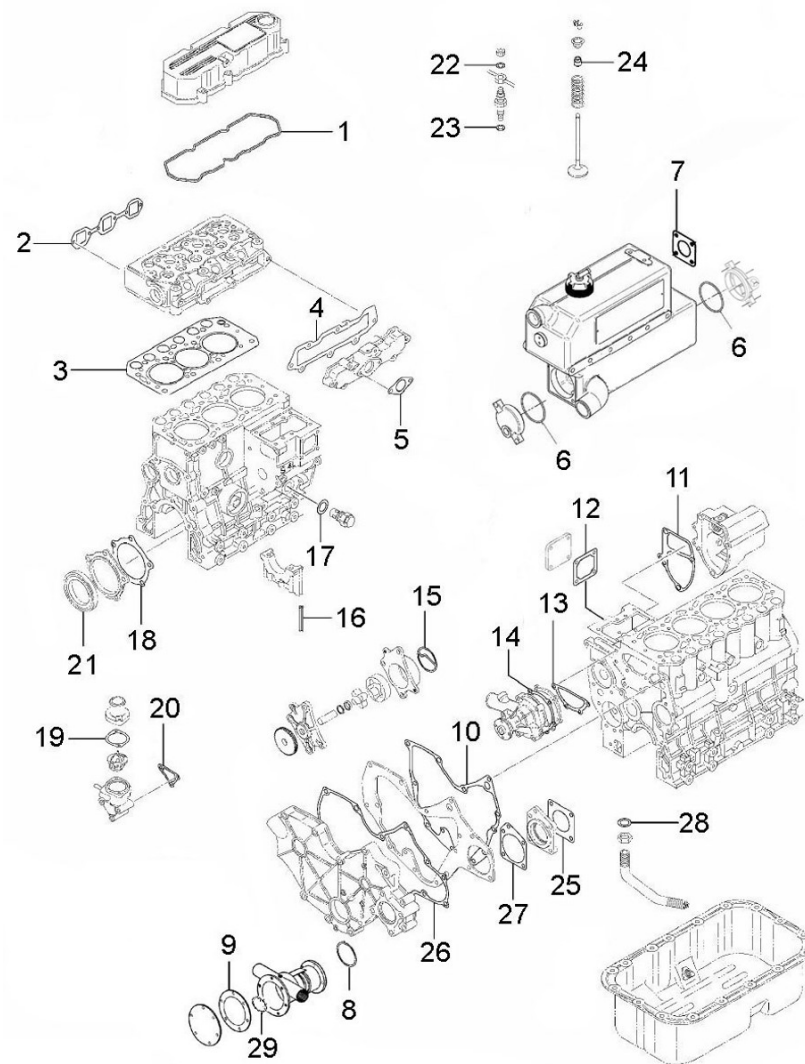
| D_1633 Panel SSG 30 Spare Parts |             |      |                                                |     |           |
|---------------------------------|-------------|------|------------------------------------------------|-----|-----------|
| Fig.                            | Ref.        | Qty. | Descr.                                         | Obs | From UpTo |
| 17                              | 51918057    | 4    | Bolt DIN 7981 3,9-22                           |     |           |
| 18A                             | 63900003BSR | 1    | Pressure Gauge SG Solé Master White            |     |           |
| 18B                             | 63900042NSR | 1    | Pressure Gauge SG Solé Master Black            |     |           |
| 19A                             | 63900002BSR | 1    | Temperature Gauge SG Solé Master White         |     |           |
| 19B                             | 63900041NSR | 1    | Temperature Gauge SG Solé Master Black         |     |           |
| 20                              | 63900018    | 1    | Gasket Panel SSG30                             |     |           |
| 21A                             | 61100000    | 1    | Resistance 12V 18 Ohm with Connectors Panel SG |     |           |
| Figure A for 12V System         |             |      |                                                |     |           |
| 21B                             | 61100001    | 1    | Resistance 24V 75 Ohm with Connectors Panel SG |     |           |
| Figure b for 24V System         |             |      |                                                |     |           |
| 22                              | 63900040    | 1    | Buzzer Bracket                                 |     |           |
| 23                              | 53033005    | 2    | Washer GROWER DIN 127-5                        |     |           |
| 24                              | 52120004    | 2    | Nut DIN 934 M4 8.8                             |     |           |
| NS                              | LLAVERO.1A  | 1    | Floating Keyring Solé Diesel                   |     |           |



| D_ALARPRO_1 |               | Engine Extension |                                                |     |      |      |
|-------------|---------------|------------------|------------------------------------------------|-----|------|------|
| Fig.        | Ref.          | Qty.             | Descr.                                         | Obs | From | UpTo |
| 1A          | 60938210.1    | 1                | Engine Wiring Ext. 3 M. SUPERSEAL              |     |      |      |
| 1B          | 60985210.1    | 1                | Engine Wiring Ext. 4 M. SUPERSEAL              |     |      |      |
| 1C          | 60938211      | 1                | Engine Wiring Ext. 8 M. SUPERSEAL              |     |      |      |
| 1D          | 60985210.12.1 | 1                | Engine Wiring Ext. 12 M. SUPERSEAL             |     |      |      |
| 1E          | 60985210.15.1 | 1                | Engine Wiring Ext. 15 M. SUPERSEAL             |     |      |      |
| 1F          | 60985210.24.1 | 1                | Engine Wiring Ext. 24 M. SUPERSEAL             |     |      |      |
| 1G          | 60974552      | 1                | 3-way Wiring Wxtension for Auxiliary Kits 4 m  |     |      |      |
| 1H          | 60900165      | 1                | 3-way Wiring Extension for Auxiliary Kits 6 m  |     |      |      |
| 1I          | 60900166      | 1                | 3-way Wiring Extension for Auxiliary Kits 12 m |     |      |      |
| 1J          | 60900167      | 1                | 3-way Wiring Extension for Auxiliary Kits 24 m |     |      |      |

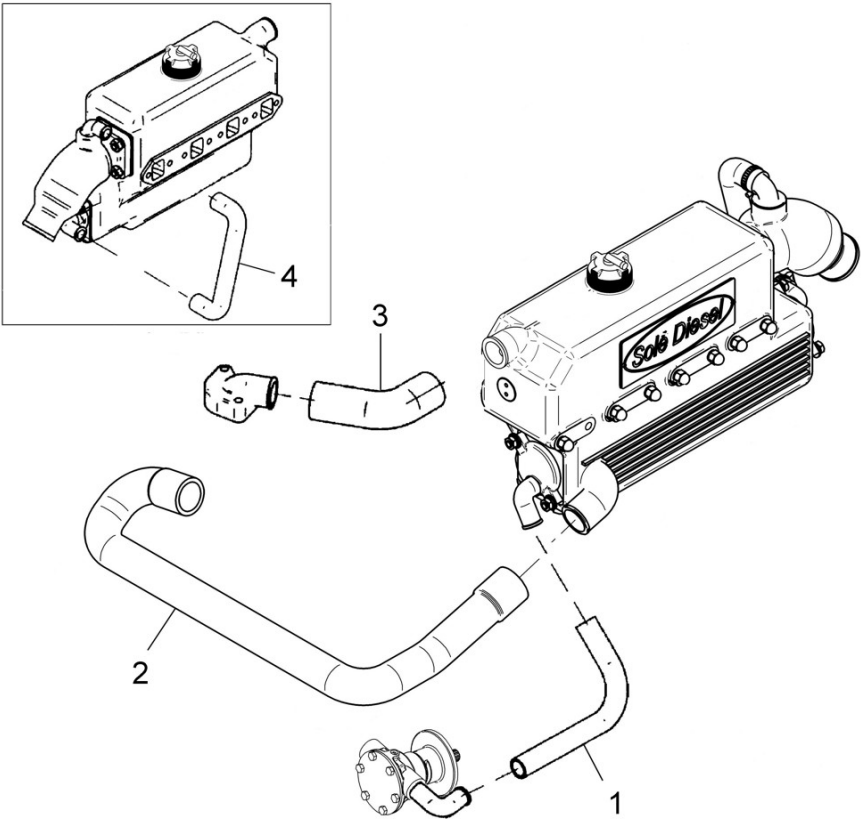


| D_17220101.6 Gasket Kit |            |      |                          |     |           |
|-------------------------|------------|------|--------------------------|-----|-----------|
| Fig.                    | Ref.       | Qty. | Descr.                   | Obs | From UpTo |
| 1                       | 17221010   | 1    | Gasket, Rocker Cover     |     |           |
| 2                       | 17221035   | 1    | Gasket, Exhaust Manifold |     |           |
| 3                       | 17221004   | 1    | Gasket, Cylinder Head    |     |           |
| 4                       | 17221032   | 1    | Gasket, Inlet Cover      |     |           |
| 5                       | 17221034   | 2    | Gasket, Inlet Pipe       |     |           |
| 6                       | 13811007   | 2    | O-Ring D. 57X2,5         |     |           |
| 7                       | 15113043   | 1    | Exhaust Elbow Gasket     |     |           |
| 8                       | 17011007   | 1    | O-Ring D. 57X3           |     |           |
| 9                       | 31211003   | 1    | Gasket Cover             |     |           |
| 10                      | 17220018.4 | 1    | Gasket, Front Plate      |     |           |
| 11                      | 17223033.4 | 1    | Gasket, Governor Case    |     |           |
| 12                      | 13223014   | 1    | Gasket Cover             |     |           |
| 13                      | 17221022.4 | 1    | Gasket Water Pump        |     |           |
| 14                      | 13221041   | 1    | Gasket Water Pump        |     |           |
| 15                      | 17224041   | 1    | Packing, Body            |     |           |
| 16                      | 17220002   | 4    | Seal, Side               |     |           |
| 17                      | 17424063   | 1    | Gasket                   |     |           |
| 18                      | 17220016   | 1    | Gasket, Oil Seal Case    |     |           |
| 19                      | 17221031   | 1    | Gasket, Thermostat       |     |           |
| 20                      | 17221033.4 | 1    | Gasket, Thermostat Case  |     |           |
| 21                      | 17220063   | 1    | Seal, Oil                |     |           |
| 22                      | 13824025   | 4    | Injector Gasket          |     |           |
| 23                      | 13824013   | 4    | Injector Washer          |     |           |
| 24                      | 13222054   | 8    | Seal Valve Stem          |     |           |
| 25                      | 13120047   | 3    | Gasket Water Pump        |     |           |
| 26                      | 17220040   | 1    | Gasket, Gear Case        |     |           |
| 27                      | 17220038   | 1    | Gasket, Housing          |     |           |
| 28                      | 17024001   | 1    | Gasket                   |     |           |
| 29                      | 33311013   | 1    | O-Ring D. 15X2           |     |           |



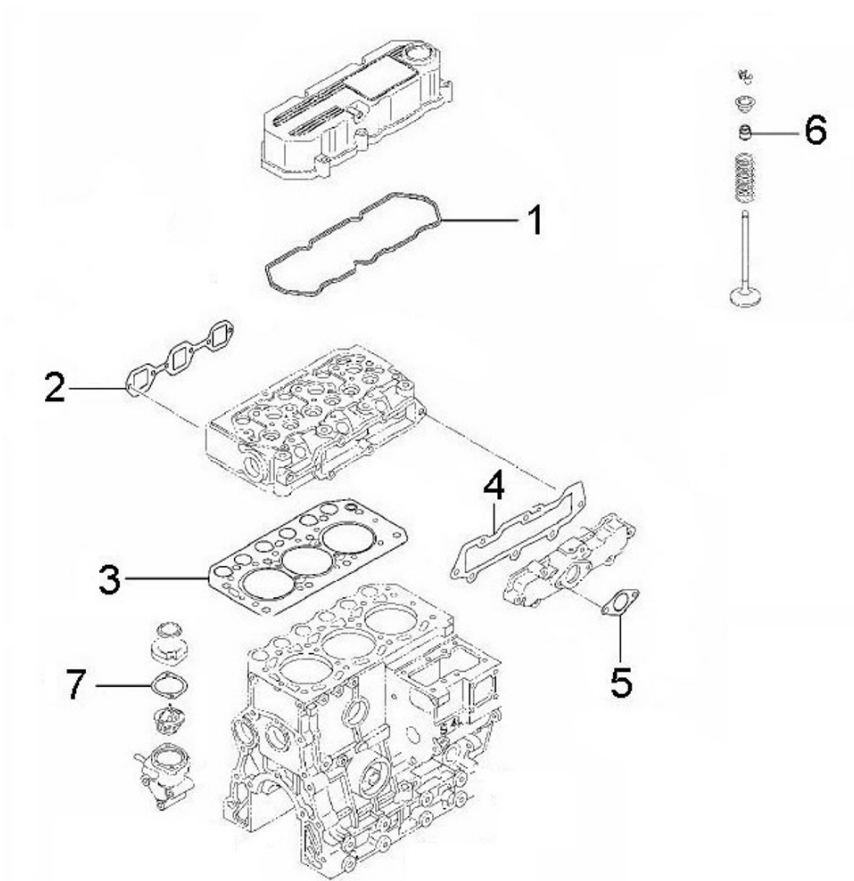
17211100.4 Pipe Rubber Set, Water Line

| Fig. | Ref.     | Qty. | Descr.                        | Obs | From | UpTo |
|------|----------|------|-------------------------------|-----|------|------|
| 1    | 17011012 | 1    | Elbow                         |     |      |      |
| 2    | 17211006 | 1    | Hose                          |     |      |      |
| 3    | 17211021 | 1    | Elbow                         |     |      |      |
| 4    | 17211034 | 1    | Rubber WET Exhaust Inlet BEND |     |      |      |



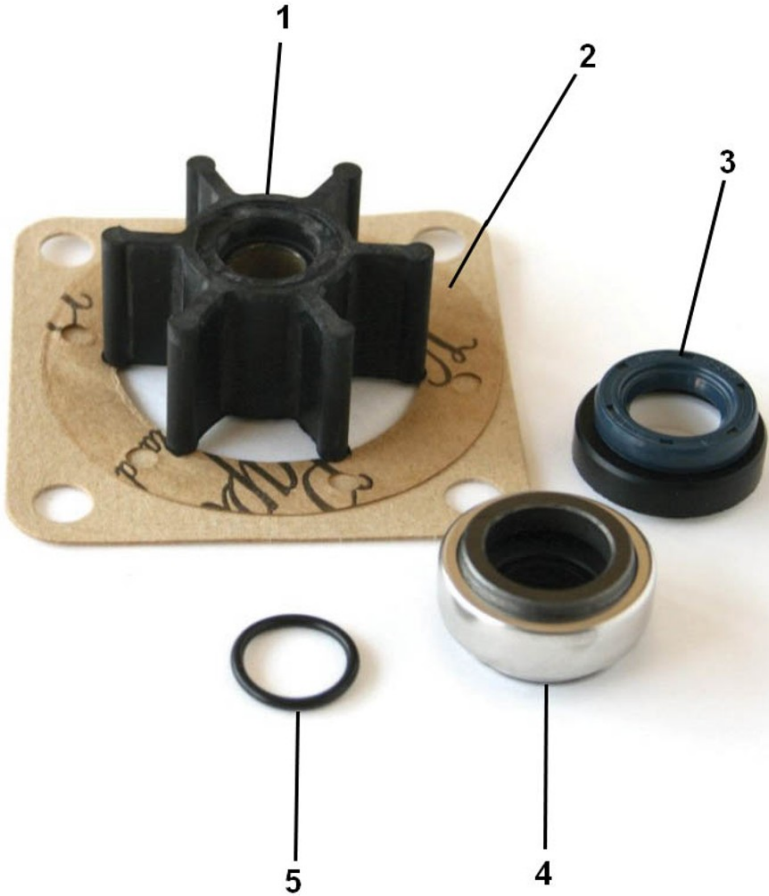


| 17220101.1 Gasket Kit |          |      |                          |     |           |
|-----------------------|----------|------|--------------------------|-----|-----------|
| Fig.                  | Ref.     | Qty. | Descr.                   | Obs | From UpTo |
| 1                     | 17221010 | 1    | Gasket, Rocker Cover     |     |           |
| 2                     | 17221035 | 1    | Gasket, Exhaust Manifold |     |           |
| 3                     | 17221004 | 1    | Gasket, Cylinder Head    |     |           |
| 4                     | 17221032 | 1    | Gasket, Inlet Cover      |     |           |
| 5                     | 17221034 | 1    | Gasket, Inlet Pipe       |     |           |
| 6                     | 13222054 | 6    | Seal Valve Stem          |     |           |
| 7                     | 17221031 | 1    | Gasket,Thermostat        |     |           |





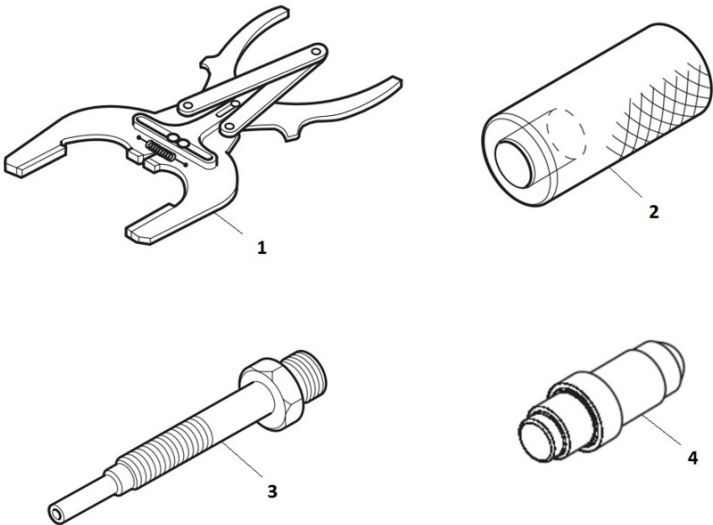
| 33811000K |          | Repair Kit Water Pump 1/2" |                |                                                                                   |      |      |
|-----------|----------|----------------------------|----------------|-----------------------------------------------------------------------------------|------|------|
| Fig.      | Ref.     | Qty.                       | Descr.         | Obs                                                                               | From | UpTo |
| 1         | 31211008 | 1                          | 1/2" Impeller  |                                                                                   |      |      |
| 2         | 31211003 | 1                          | Gasket Cover   |                                                                                   |      |      |
| 3         | 33411020 | 1                          | Seal           |                                                                                   |      |      |
| 4         | 33411019 | 1                          | Seal           |                                                                                   |      |      |
| 5         | 33311013 | 1                          | O-Ring D. 15X2 |                                                                                   |      |      |
| NS        | 17011007 | 1                          | O-Ring D. 57X3 |  |      |      |



| 37611000K |          | Repair Kit Water Pump 1/2" |                   |                                                                                   |            |            |
|-----------|----------|----------------------------|-------------------|-----------------------------------------------------------------------------------|------------|------------|
| Fig.      | Ref.     | Qty.                       | Descr.            | Obs                                                                               | From       | UpTo       |
| 1         | 31211008 | 1                          | 1/2" Impeller     |                                                                                   |            |            |
| 2         | 37611003 | 1                          | O-Ring D. 57x1,5  |                                                                                   |            | 01/06/2022 |
| 2         | 37611005 | 1                          | O-Ring D. 57X1,78 |                                                                                   | 02/06/2022 |            |
| 3         | 33411020 | 1                          | Seal              |                                                                                   |            |            |
| 4         | 33411019 | 1                          | Seal              |                                                                                   |            |            |
| 5         | 33311013 | 1                          | O-Ring D. 15X2    |                                                                                   |            |            |
| NS        | 17011007 | 1                          | O-Ring D. 57X3    |  |            |            |

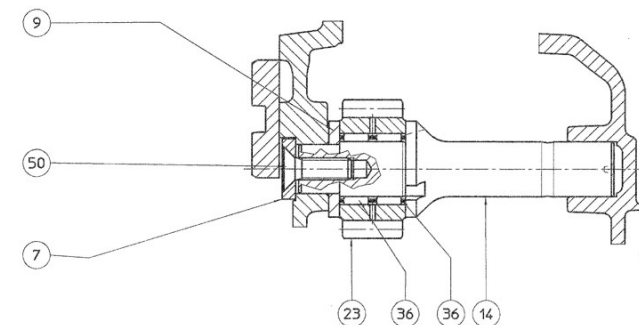
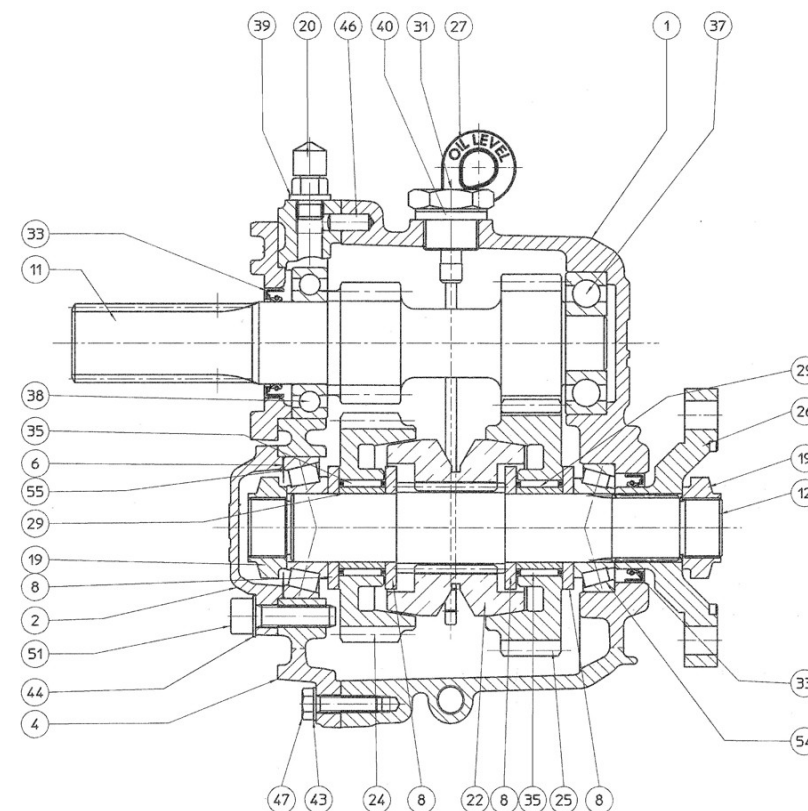


| D_UTILFA1228_1 |             | Special Tools |                            |     |      |      |
|----------------|-------------|---------------|----------------------------|-----|------|------|
| Fig.           | Ref.        | Qty.          | Descr.                     | Obs | From | UpTo |
| 1              | UMM74007    | 1             | Piston Ring Pliers         |     |      |      |
| 2              | U31A9100100 | 1             | Piston pin setting tool    |     |      |      |
| 3              | UST332270   | 1             | Compression Gauge Adapter  |     |      |      |
| 4              | UST332340   | 1             | Camshaft Bushing Installer |     |      |      |



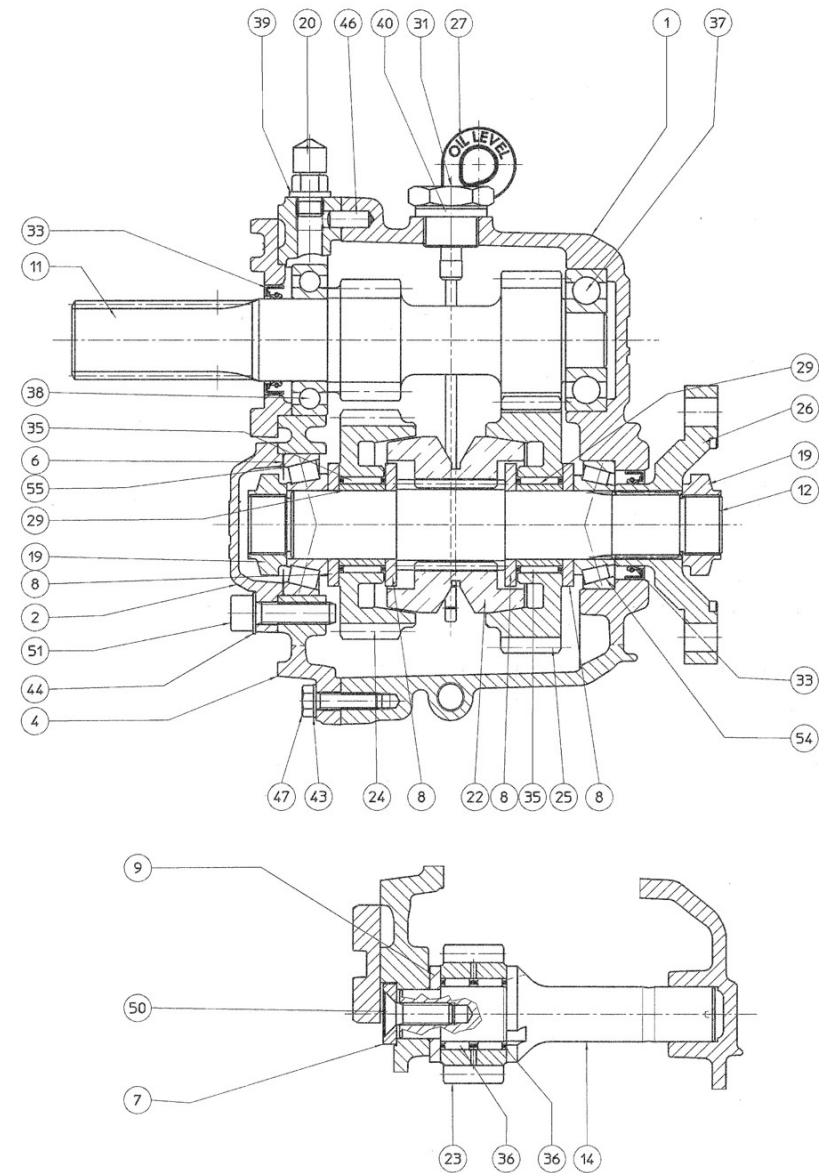
D\_5033\_1 Sheet 1/2

| Fig. | Ref.      | Qty. | Descr.             | Obs | From | UpTo |
|------|-----------|------|--------------------|-----|------|------|
| 1    | 24860002P | 1    | Box                |     |      |      |
| 2    | 24860208  | 1    | Gear Ratio 3:1     |     |      |      |
| 4    | 24860001P | 1    | Cover              |     |      |      |
| 6    | 24860076  | 2    | Shim 0.1 mm        |     |      |      |
| 7    | 24860307  | 1    | Washer             |     |      |      |
| 8    | 24860217  | 4    | Spacer             |     |      |      |
| 9    | 24860304  | 1    | Spacer             |     |      |      |
| 11   | 24863101  | 1    | Input Shaft        |     |      |      |
| 11   | 24864101  | 1    | INPUT Shaft        |     |      |      |
| 12   | 24860201  | 1    | Output             |     |      |      |
| 14   | 24860301  | 1    | INTERMEDIATE Shaft |     |      |      |
| 19   | 24860222  | 2    | Nut                |     |      |      |
| 20   | 24810065  | 1    | Plug               |     |      |      |
| 22   | 24860202  | 1    | Clutch             |     |      |      |
| 23   | 24860302  | 1    | Gear               |     |      |      |
| 24   | 24860210  | 1    | Gear               |     |      |      |
| 25   | 24863203  | 1    | Gear R.2,00        |     |      |      |
| 25   | 24864203  | 1    | Gear R.2,60        |     |      |      |
| 26   | 24860224  | 1    | Flange Output      |     |      |      |
| 27   | 24860008P | 1    | Gauge              |     |      |      |
| 29   | 24860205  | 2    | CAGE               |     |      |      |
| 31   | 24830011  | 1    | Plug               |     |      |      |
| 33   | 24860103  | 2    | Oil Seal           |     |      |      |
| 35   | 24860204  | 2    | Bearing, needle    |     |      |      |
| 36   | 24860306  | 2    | Bearing, needle    |     |      |      |
| 37   | 24860104  | 1    | Ball Bearing 6304  |     |      |      |
| 38   | 24860105  | 1    | Bearing            |     |      |      |
| 39   | 24810063  | 1    | Plane Washer       |     |      |      |
| 40   | 56000081  | 1    | Washer 20-26-1,5   |     |      |      |
| 43   | 24860092  | 8    | Washer             |     |      |      |
| 44   | 24850093  | 4    | Washer             |     |      |      |



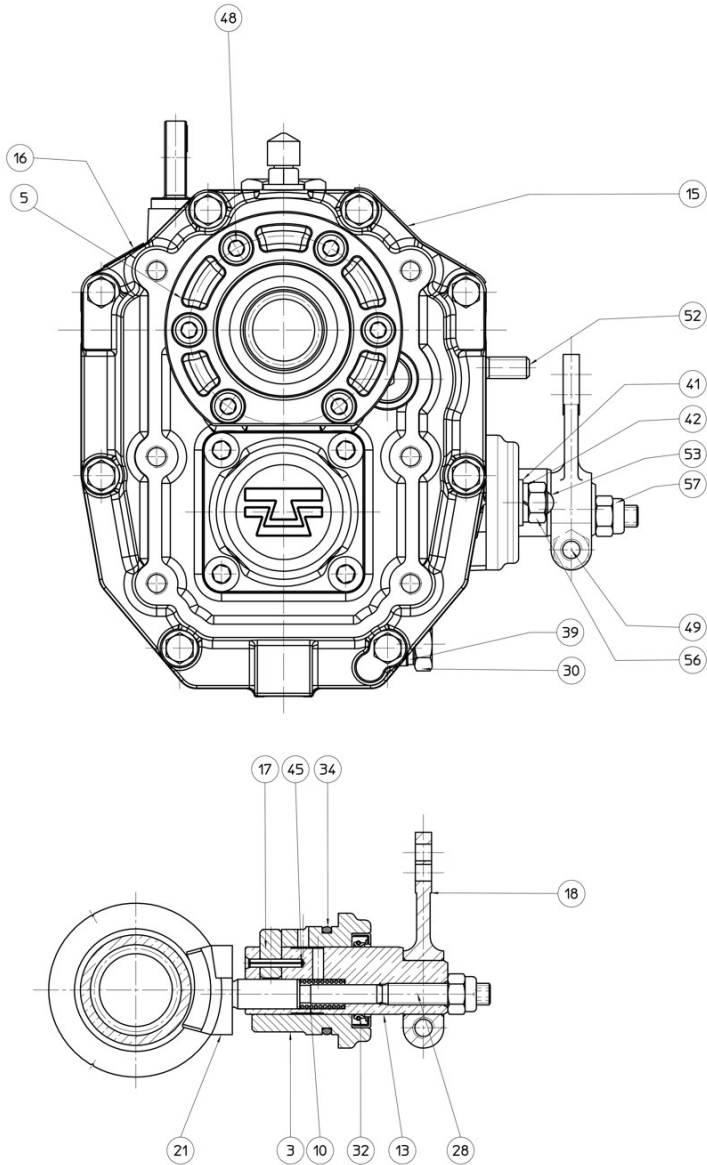
D\_5033\_1 Sheet 1/2

| Fig. | Ref.     | Qty. | Descr.                        | Obs                                                                               | From | UpTo |
|------|----------|------|-------------------------------|-----------------------------------------------------------------------------------|------|------|
| 46   | 24860023 | 2    | Pin                           |                                                                                   |      |      |
| 47   | 52102158 | 8    | Bolt DIN 933 M6-25 8.8        |                                                                                   |      |      |
| 50   | 52105258 | 1    | Bolt DIN 7991 M8-25 10.9      |                                                                                   |      |      |
| 51   | 52103259 | 4    | Bolt DIN 912 M8-30 8.8        |                                                                                   |      |      |
| 54   | 24860206 | 1    | Conical Roller Bearing 32005  |                                                                                   |      |      |
| 55   | 24860207 | 1    | Conical Roller Bearing 30205A |                                                                                   |      |      |
| NS   | 24860450 | 1    | Kit GasketS                   |  |      |      |



D\_5033\_2 Sheet 2/2

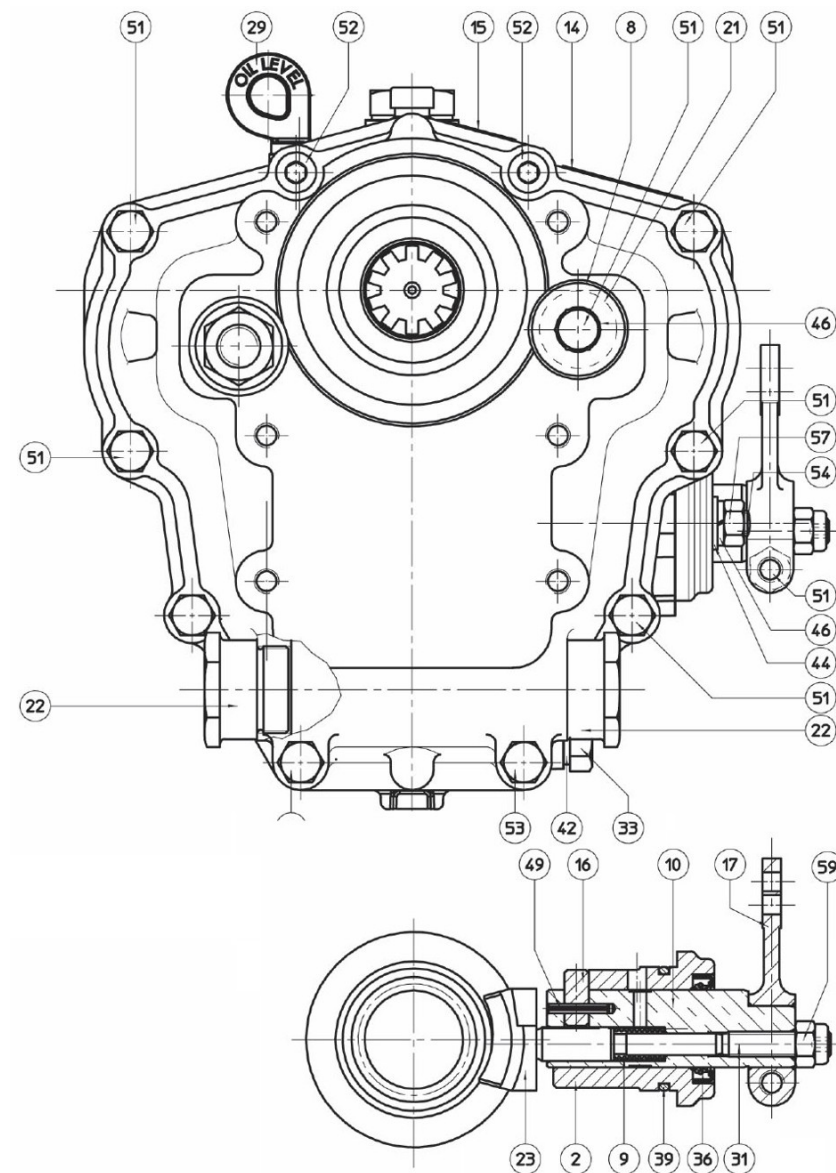
| Fig. | Ref.      | Qty. | Descr.                  | Obs | From | UpTo |
|------|-----------|------|-------------------------|-----|------|------|
| 3    | 24860401  | 1    | Cover                   |     |      |      |
| 5    | 24860003P | 1    | Cover                   |     |      |      |
| 10   | 24860411  | 1    | Spring                  |     |      |      |
| 13   | 24860402  | 1    | Shaft                   |     |      |      |
| 15   | 24850005  | 1    | Plate, IDENTIFICATION   |     |      |      |
| 16   | 24860006  | 1    | ATF Oil Plate           |     |      |      |
| 17   | 24860419  | 1    | Pin                     |     |      |      |
| 18   | 24810424  | 1    | Lever                   |     |      |      |
| 21   | 24860423  | 1    | PAD                     |     |      |      |
| 28   | 24860409  | 1    | Screw                   |     |      |      |
| 30   | 24850011  | 1    | Plug,oil drain          |     |      |      |
| 32   | 24860404  | 1    | Oil Seal                |     |      |      |
| 34   | 24860417  | 1    | O-Ring                  |     |      |      |
| 39   | 24810063  | 1    | Plane Washer            |     |      |      |
| 41   | 51030008  | 2    | Washer DIN 125-8        |     |      |      |
| 42   | 53033008  | 2    | Washer GROWER DIN 127-8 |     |      |      |
| 45   | 53052210  | 1    | Pin DIN 1481 3-20       |     |      |      |
| 48   | 52103157  | 6    | Bolt DIN 912 M6-20 8.8  |     |      |      |
| 49   | 52102258  | 1    | Bolt DIN 933 M8-25 8.8  |     |      |      |
| 52   | 24860011P | 2    | Stud                    |     |      |      |
| 53   | 24860071  | 2    | STUD                    |     |      |      |
| 56   | 52120008  | 2    | Nut DIN 934 M8 8.8      |     |      |      |
| 57   | 51123008  | 1    | Nut DIN 985 M8 5.6      |     |      |      |





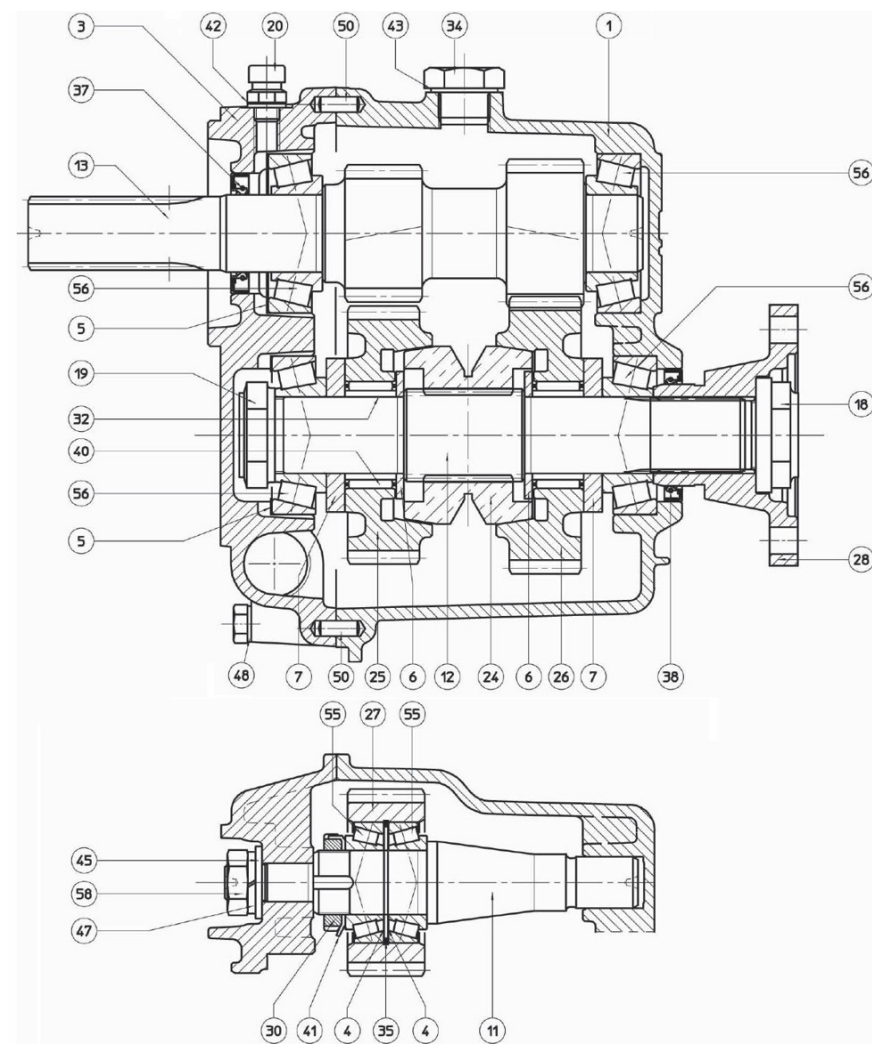
## D\_5036\_1 Sheet 1/2

| Fig. | Ref.      | Qty. | Descr.                  | Obs | From | UpTo |
|------|-----------|------|-------------------------|-----|------|------|
| 2    | 24880401  | 1    | Cover                   |     |      |      |
| 8    | 24880306  | 1    | Washer                  |     |      |      |
| 9    | 24860411  | 1    | Spring                  |     |      |      |
| 10   | 24880402  | 1    | Shaft                   |     |      |      |
| 14   | 24850005  | 1    | Plate, IDENTIFICATION   |     |      |      |
| 15   | 24860006  | 1    | ATF Oil Plate           |     |      |      |
| 16   | 24860419  | 1    | Pin                     |     |      |      |
| 17   | 24810424  | 1    | Lever                   |     |      |      |
| 21   | 24880311  | 1    | Plug                    |     |      |      |
| 22   | 24880038  | 2    | Plug                    |     |      |      |
| 23   | 24880423  | 1    | Pad                     |     |      |      |
| 29   | 24860008P | 1    | Gauge                   |     |      |      |
| 31   | 24880409  | 1    | Screw                   |     |      |      |
| 33   | 24850011  | 1    | Plug,oil drain          |     |      |      |
| 36   | 24860404  | 1    | Oil Seal                |     |      |      |
| 39   | 24860417  | 1    | O-Ring                  |     |      |      |
| 44   | 51030008  | 2    | Washer DIN 125-8        |     |      |      |
| 46   | 53033008  | 3    | Washer GROWER DIN 127-8 |     |      |      |
| 49   | 53052210  | 1    | Pin DIN 1481 3-20       |     |      |      |
| 51   | 52102258  | 8    | Bolt DIN 933 M8-25 8.8  |     |      |      |
| 52   | 52103258  | 2    | Bolt DIN 912 M8-25 8.8  |     |      |      |
| 53   | 52101263  | 2    | Bolt DIN 931 M8-50 8.8  |     |      |      |
| 54   | 24860071  | 2    | STUD                    |     |      |      |
| 57   | 52120008  | 2    | Nut DIN 934 M8 8.8      |     |      |      |
| 59   | 51123008  | 1    | Nut DIN 985 M8 5.6      |     |      |      |



D\_5036\_2 Sheet 2/2

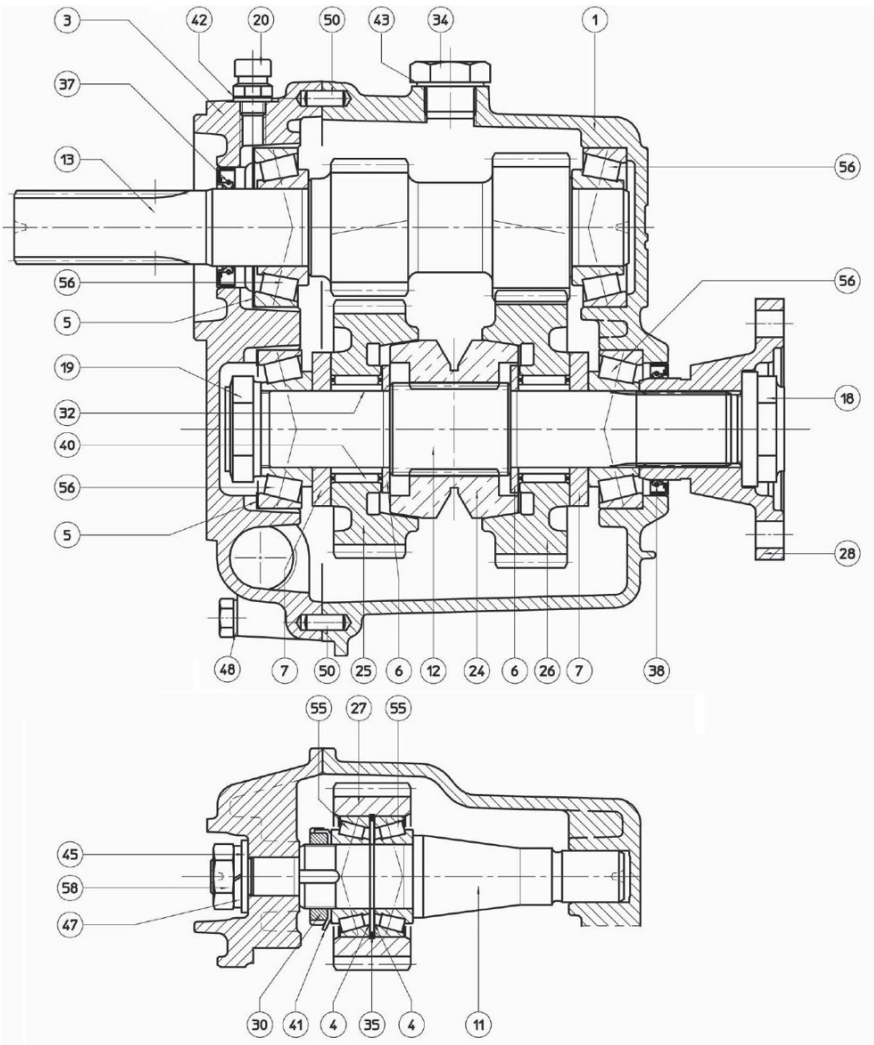
| Fig. | Ref.        | Qty. | Descr.              | Obs | From | UpTo |
|------|-------------|------|---------------------|-----|------|------|
| 1    | 24880002P   | 1    | Box                 |     |      |      |
| 3    | 24880001    | 1    | Cover               |     |      |      |
| 4    | 24880305    | 2    | Spacer              |     |      |      |
| 5    | 24813500.67 | 6    | Spacer              |     |      |      |
| 6    | 24880218    | 2    | Shim                |     |      |      |
| 7    | 24880217    | 2    | Shim                |     |      |      |
| 11   | 24880301    | 1    | INTERMEDIATE Shaft  |     |      |      |
| 12   | 24880201    | 1    | Shaft Output        |     |      |      |
| 13A  | 24882101P   | 1    | Input Shaft         |     |      |      |
| 13B  | 24883101P   | 1    | Input Shaft         |     |      |      |
| 13C  | 24884101    | 1    | Input Shaft         |     |      |      |
| 13D  | 24885101P   | 1    | Input Shaft         |     |      |      |
| 18   | 24850099    | 1    | Nut                 |     |      |      |
| 19   | 24880222    | 1    | Nut                 |     |      |      |
| 20   | 24810065    | 1    | Plug                |     |      |      |
| 24   | 24880202    | 1    | Clutch              |     |      |      |
| 25A  | 24882203    | 1    | Gear R 1,55 / 2,00  |     |      |      |
| 25B  | 24884203    | 1    | Gear R 2,45 / 2,83  |     |      |      |
| 26A  | 24883210    | 1    | Gear R 2,00         |     |      |      |
| 26B  | 24884210    | 1    | Gear R 2,45         |     |      |      |
| 26C  | 24885210    | 1    | Gear R 2,83         |     |      |      |
| 27   | 24880302    | 1    | Gear                |     |      |      |
| 28   | 24880224    | 1    | Flange Output       |     |      |      |
| 30   | 24880310    | 1    | Nut                 |     |      |      |
| 32   | 24880205    | 2    | CAGE                |     |      |      |
| 34   | 24830011    | 1    | Plug                |     |      |      |
| 35   | 24880309    | 1    | Ring                |     |      |      |
| 37   | 22210103    | 1    | Seal,oil BA 30-47-7 |     |      |      |
| 38   | 24890214    | 1    | Oil Seal            |     |      |      |
| 40   | 24880204    | 2    | Bearing, needle     |     |      |      |
| 41   | 24880308    | 1    | Washer              |     |      |      |





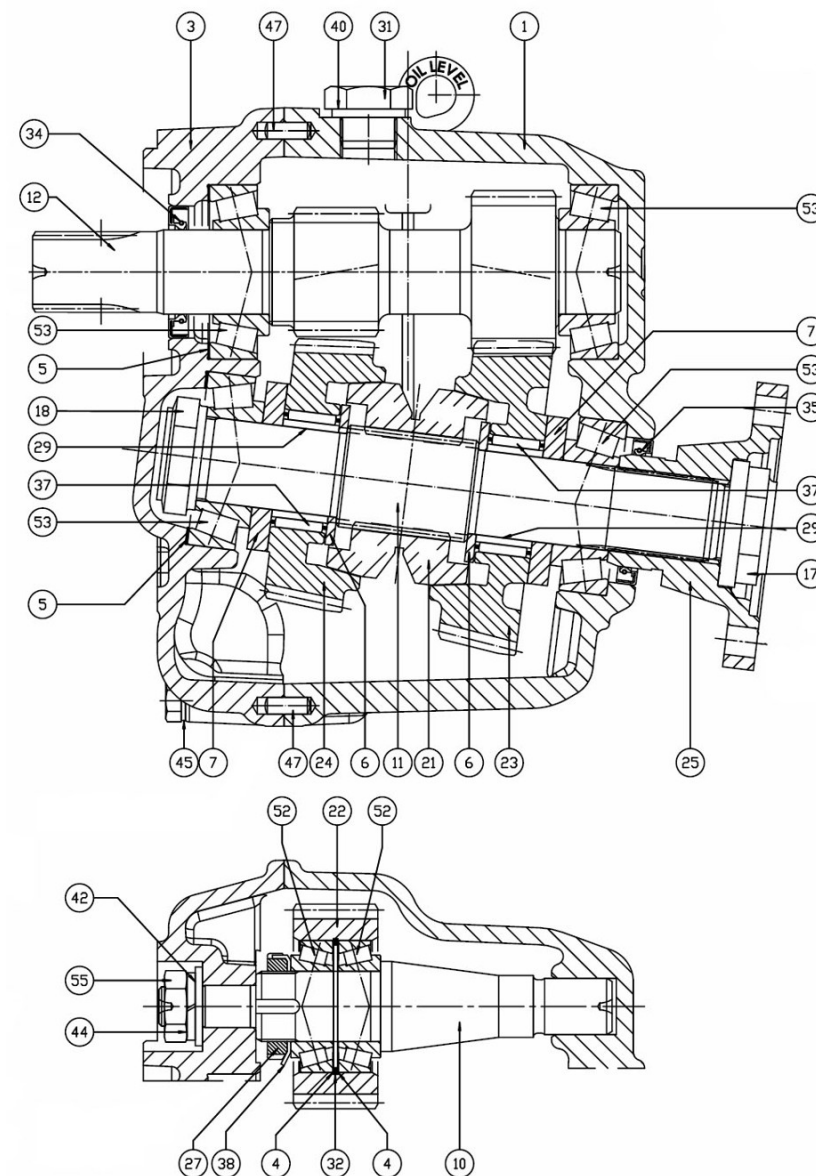
D\_5036\_2 Sheet 2/2

| Fig. | Ref.     | Qty. | Descr.                            | Obs | From | UpTo |
|------|----------|------|-----------------------------------|-----|------|------|
| 42   | 24810063 | 2    | Plane Washer                      |     |      |      |
| 43   | 56000083 | 1    | Washer 21-26-1,5                  |     |      |      |
| 45   | 51030014 | 1    | Washer DIN 125-14                 |     |      |      |
| 47   | 53033014 | 1    | Washer GROWER DIN 127-14          |     |      |      |
| 48   | 24850093 | 10   | Washer                            |     |      |      |
| 50   | 24860023 | 2    | Pin                               |     |      |      |
| 55   | 24860206 | 2    | Conical Roller Bearing 32005      |     |      |      |
| 56   | 25710104 | 4    | Conical Roller Bearing 32206-J2/Q |     |      |      |
| 58   | 24880307 | 1    | Nut                               |     |      |      |



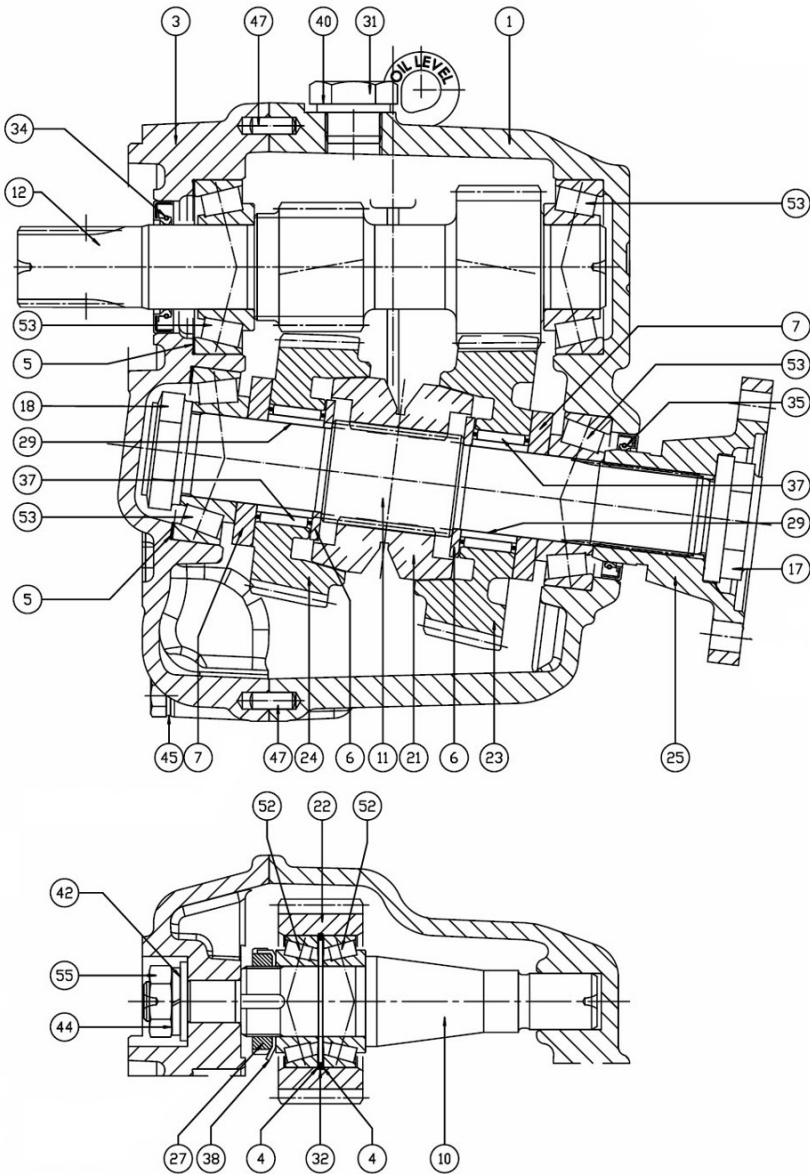
D\_5034\_1 Sheet 1/2

| Fig. | Ref.        | Qty. | Descr.                   | Obs | From | UpTo |
|------|-------------|------|--------------------------|-----|------|------|
| 1    | 24880002A   | 1    | Box                      |     |      |      |
| 3    | 24880001A   | 1    | Cover                    |     |      |      |
| 4    | 24880305    | 2    | Spacer                   |     |      |      |
| 5    | 24813500.67 | 6    | Spacer                   |     |      |      |
| 6    | 24880218    | 2    | Shim                     |     |      |      |
| 7    | 24880217    | 2    | Shim                     |     |      |      |
| 10   | 24880301    | 1    | INTERMEDIATE Shaft       |     |      |      |
| 11   | 24880201    | 1    | Shaft Output             |     |      |      |
| 12A  | 24884101    | 1    | Input Shaft              |     |      |      |
| 12B  | 24883101A   | 1    | Input Shaft              |     |      |      |
| 17   | 24850099    | 1    | Nut                      |     |      |      |
| 18   | 24880222    | 1    | Nut                      |     |      |      |
| 21   | 24880202    | 1    | Clutch                   |     |      |      |
| 22   | 24880302    | 1    | Gear                     |     |      |      |
| 23A  | 24884210A   | 1    | Gear                     |     |      |      |
| 23B  | 24883210A   | 1    | Gear                     |     |      |      |
| 24   | 24883203A   | 1    | Gear                     |     |      |      |
| 25   | 24880224    | 1    | Flange Output            |     |      |      |
| 27   | 24880310    | 1    | Nut                      |     |      |      |
| 29   | 24880205    | 2    | CAGE                     |     |      |      |
| 31   | 24830011    | 1    | Plug                     |     |      |      |
| 32   | 24880309    | 1    | Ring                     |     |      |      |
| 34   | 22210103    | 1    | Seal,oil BA 30-47-7      |     |      |      |
| 35   | 25210214    | 1    | Seal,oil 40-52-7         |     |      |      |
| 37   | 24880204    | 2    | Bearing, needle          |     |      |      |
| 38   | 24880308    | 1    | Washer                   |     |      |      |
| 40   | 56000083    | 1    | Washer 21-26-1,5         |     |      |      |
| 42   | 51030014    | 1    | Washer DIN 125-14        |     |      |      |
| 44   | 53033014    | 1    | Washer GROWER DIN 127-14 |     |      |      |
| 45   | 24850093    | 10   | Washer                   |     |      |      |
| 47   | 24860023    | 2    | Pin                      |     |      |      |



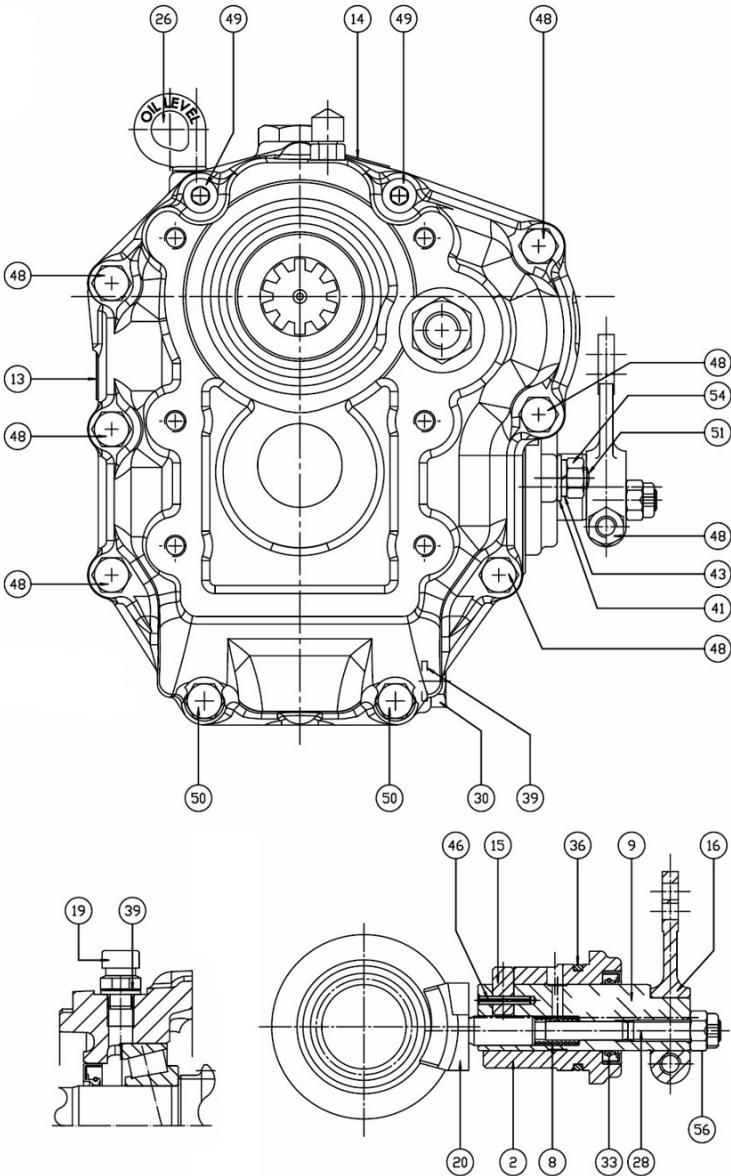
D\_5034\_1 Sheet 1/2

| Fig. | Ref.     | Qty. | Descr.                            | Obs | From | UpTo |
|------|----------|------|-----------------------------------|-----|------|------|
| 52   | 24860206 | 2    | Conical Roller Bearing 32005      |     |      |      |
| 53   | 25710104 | 4    | Conical Roller Bearing 32206-J2/Q |     |      |      |
| 55   | 24880307 | 1    | Nut                               |     |      |      |



D\_5034\_2 Sheet 2/2

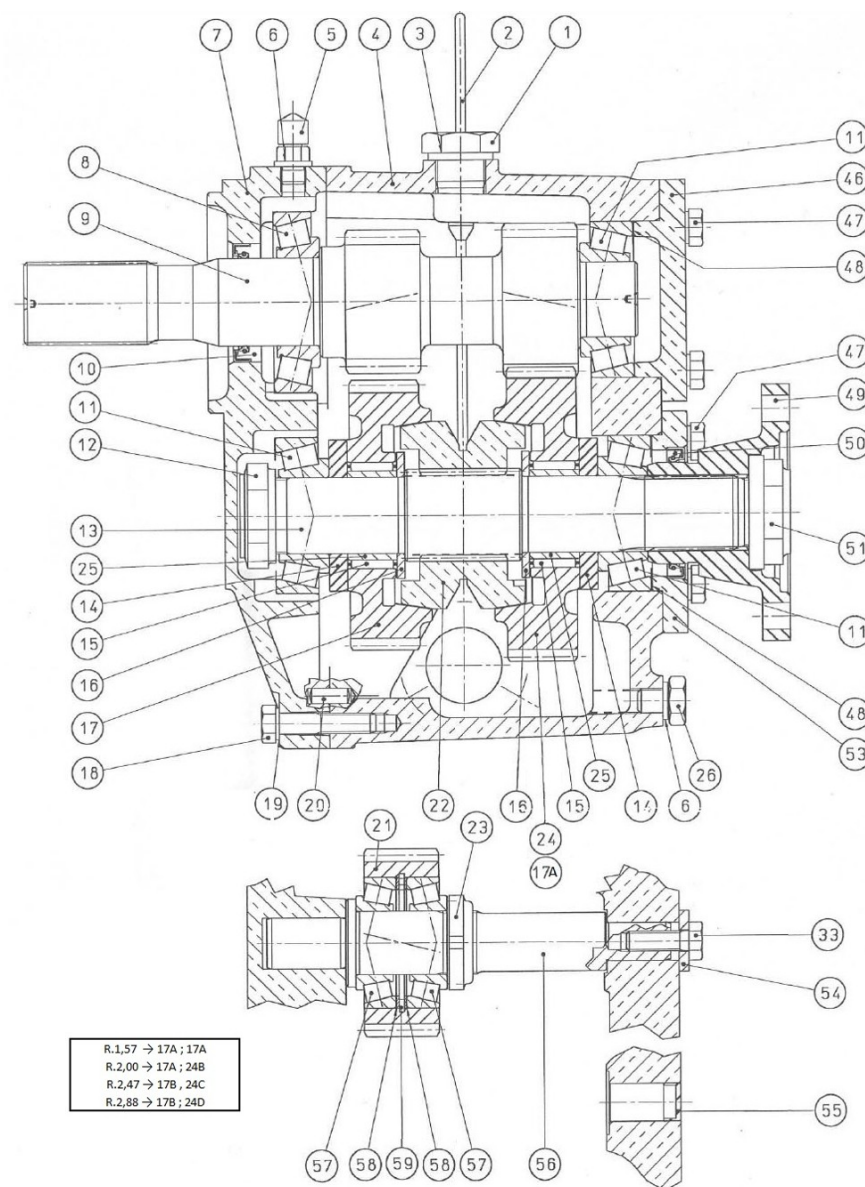
| Fig. | Ref.      | Qty. | Descr.                  | Obs | From | UpTo |
|------|-----------|------|-------------------------|-----|------|------|
| 2    | 24880401  | 1    | Cover                   |     |      |      |
| 8    | 24860411  | 1    | Spring                  |     |      |      |
| 9    | 24880402  | 1    | Shaft                   |     |      |      |
| 13   | 24850005  | 1    | Plate, IDENTIFICATION   |     |      |      |
| 14   | 24860006  | 1    | ATF Oil Plate           |     |      |      |
| 15   | 24860419  | 1    | Pin                     |     |      |      |
| 16   | 24810424  | 1    | Lever                   |     |      |      |
| 19   | 24810065  | 1    | Plug                    |     |      |      |
| 20   | 24880423  | 1    | Pad                     |     |      |      |
| 26   | 24860008P | 1    | Gauge                   |     |      |      |
| 28   | 24880409  | 1    | Screw                   |     |      |      |
| 30   | 24850011  | 1    | Plug,oil drain          |     |      |      |
| 33   | 24860404  | 1    | Oil Seal                |     |      |      |
| 36   | 24860417  | 1    | O-Ring                  |     |      |      |
| 39   | 24810063  | 2    | Plane Washer            |     |      |      |
| 41   | 51030008  | 2    | Washer DIN 125-8        |     |      |      |
| 43   | 53033008  | 2    | Washer GROWER DIN 127-8 |     |      |      |
| 46   | 53052210  | 1    | Pin DIN 1481 3-20       |     |      |      |
| 48   | 52102258  | 7    | Bolt DIN 933 M8-25 8.8  |     |      |      |
| 49   | 52103258  | 2    | Bolt DIN 912 M8-25 8.8  |     |      |      |
| 50   | 52101263  | 2    | Bolt DIN 931 M8-50 8.8  |     |      |      |
| 51   | 24860071  | 2    | STUD                    |     |      |      |
| 54   | 52120008  | 2    | Nut DIN 934 M8 8.8      |     |      |      |
| 56   | 51123008  | 1    | Nut DIN 985 M8 5.6      |     |      |      |





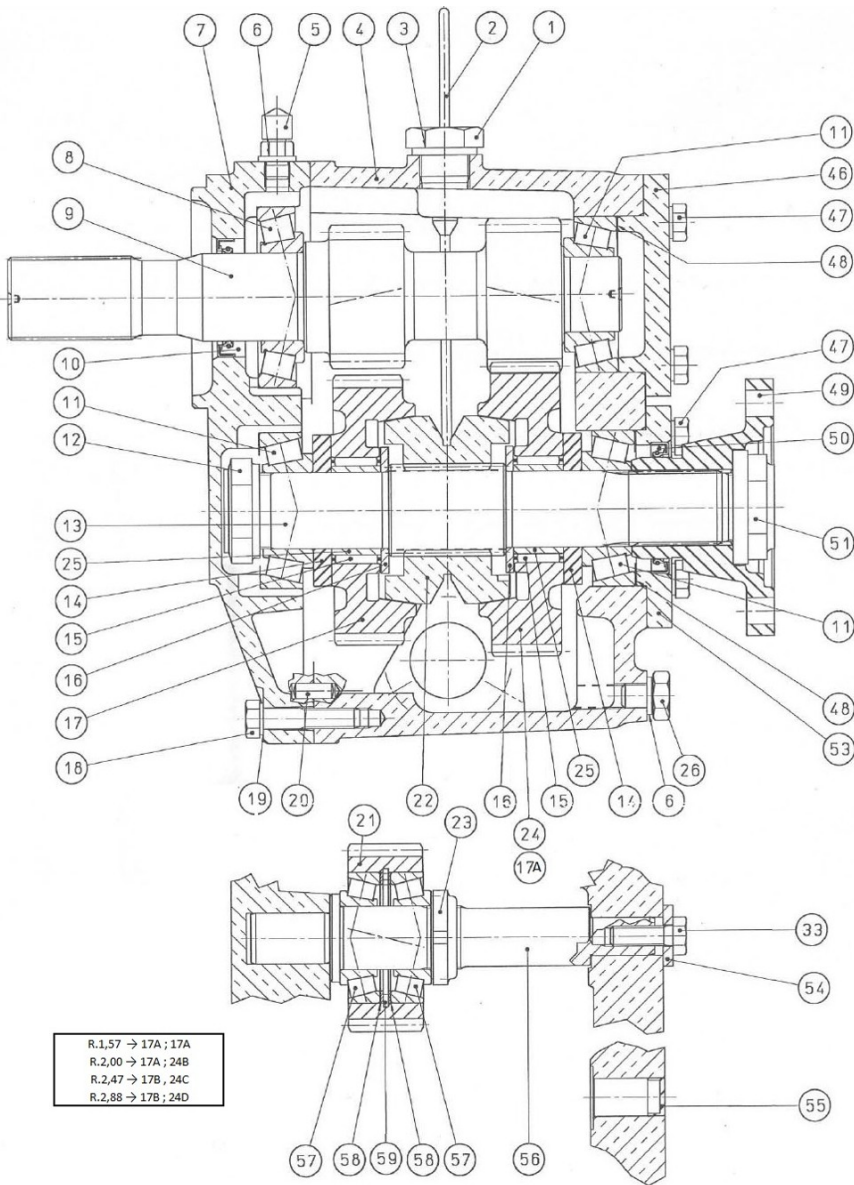
D\_5032\_1 Sheet 1/3

| Fig. | Ref.     | Qty. | Descr.                            | Obs | From | UpTo |
|------|----------|------|-----------------------------------|-----|------|------|
| 1    | 24830011 | 1    | Plug                              |     |      |      |
| 2    | 24890008 | 1    | Gauge Oil Level                   |     |      |      |
| 3    | 56000083 | 1    | Washer 21-26-1,5                  |     |      |      |
| 4    | 24890001 | 1    | Cover                             |     |      |      |
| 5    | 24810065 | 1    | Plug                              |     |      |      |
| 6    | 24810063 | 2    | Plane Washer                      |     |      |      |
| 7    | 24890102 | 1    | Cover                             |     |      |      |
| 8    | 24850212 | 1    | Conical Roller Bearing 30207A     |     |      |      |
| 9A   | 24895101 | 1    | Input Shaft                       |     |      |      |
| 9B   | 24894101 | 1    | Input Shaft                       |     |      |      |
| 9C   | 24893101 | 1    | Input Shaft                       |     |      |      |
| 9D   | 24892101 | 1    | Input Shaft                       |     |      |      |
| 10   | 24810103 | 1    | Oil Grommet                       |     |      |      |
| 11   | 25710104 | 3    | Conical Roller Bearing 32206-J2/Q |     |      |      |
| 12   | 24880222 | 1    | Nut                               |     |      |      |
| 13   | 24880201 | 1    | Shaft Output                      |     |      |      |
| 14   | 24880217 | 2    | Shim                              |     |      |      |
| 15   | 24880204 | 2    | Bearing, needle                   |     |      |      |
| 16   | 24880218 | 2    | Shim                              |     |      |      |
| 17A  | 24894203 | 1    | Gear                              |     |      |      |
| 17B  | 24892203 | 1    | Gear                              |     |      |      |
| 18   | 52101261 | 9    | Bolt DIN 931 M8-40 8.8            |     |      |      |
| 19   | 24850093 | 17   | Washer                            |     |      |      |
| 20   | 24860023 | 2    | Pin                               |     |      |      |
| 21   | 24890302 | 1    | Gear                              |     |      |      |
| 22   | 24890202 | 1    | Clutch                            |     |      |      |
| 23   | 24890307 | 1    | Nut                               |     |      |      |
| 24B  | 24895210 | 1    | Gear                              |     |      |      |
| 24C  | 24894210 | 1    | Gear                              |     |      |      |
| 24D  | 24893210 | 1    | Gear                              |     |      |      |
| 25   | 24880205 | 2    | CAGE                              |     |      |      |



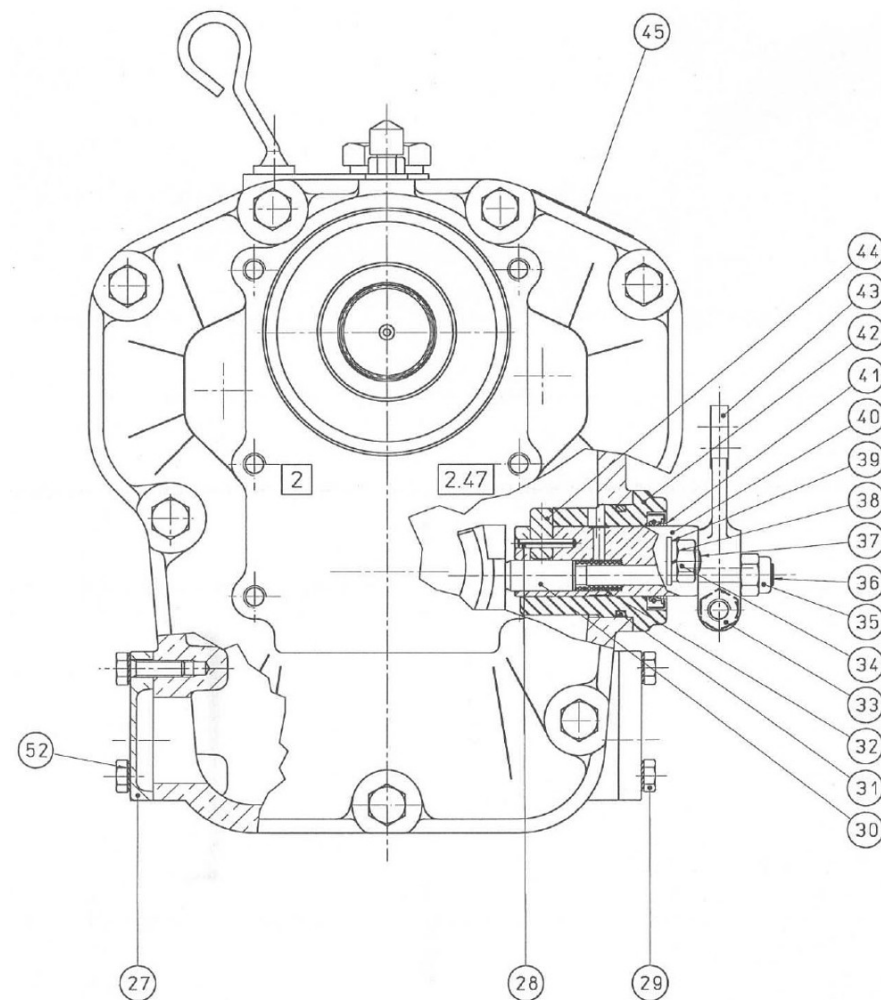
D\_5032\_1 Sheet 1/3

| Fig. | Ref.        | Qty. | Descr.                        | Obs | From | UpTo       |
|------|-------------|------|-------------------------------|-----|------|------------|
| 26   | 24850011    | 1    | Plug,oil drain                |     |      |            |
| 33   | 52102258    | 1    | Bolt DIN 933 M8-25 8.8        |     |      |            |
| 46   | 24890205    | 1    | Cover                         |     |      |            |
| 47   | 52102259    | 8    | Bolt DIN 933 M8-30 8.8        |     |      |            |
| 48   | 24813500.67 | 6    | Spacer                        |     |      |            |
| 49   | 24880224    | 1    | Flange Output                 |     |      | 22/11/2019 |
| 50   | 24890214    | 1    | Oil Seal                      |     |      |            |
| 51   | 24850099    | 1    | Nut                           |     |      |            |
| 53   | 24890208    | 1    | Cover                         |     |      |            |
| 54   | 24890306    | 1    | Washer                        |     |      |            |
| 55   | 24890305    | 1    | Plug                          |     |      |            |
| 56   | 24890301    | 1    | INTERMEDIATE Shaft            |     |      |            |
| 57   | 24860207    | 2    | Conical Roller Bearing 30205A |     |      |            |
| 58   | 24890304    | 2    | Washer                        |     |      |            |
| 59   | 53041052    | 1    | CIRClip DIN 472 I-52          |     |      |            |



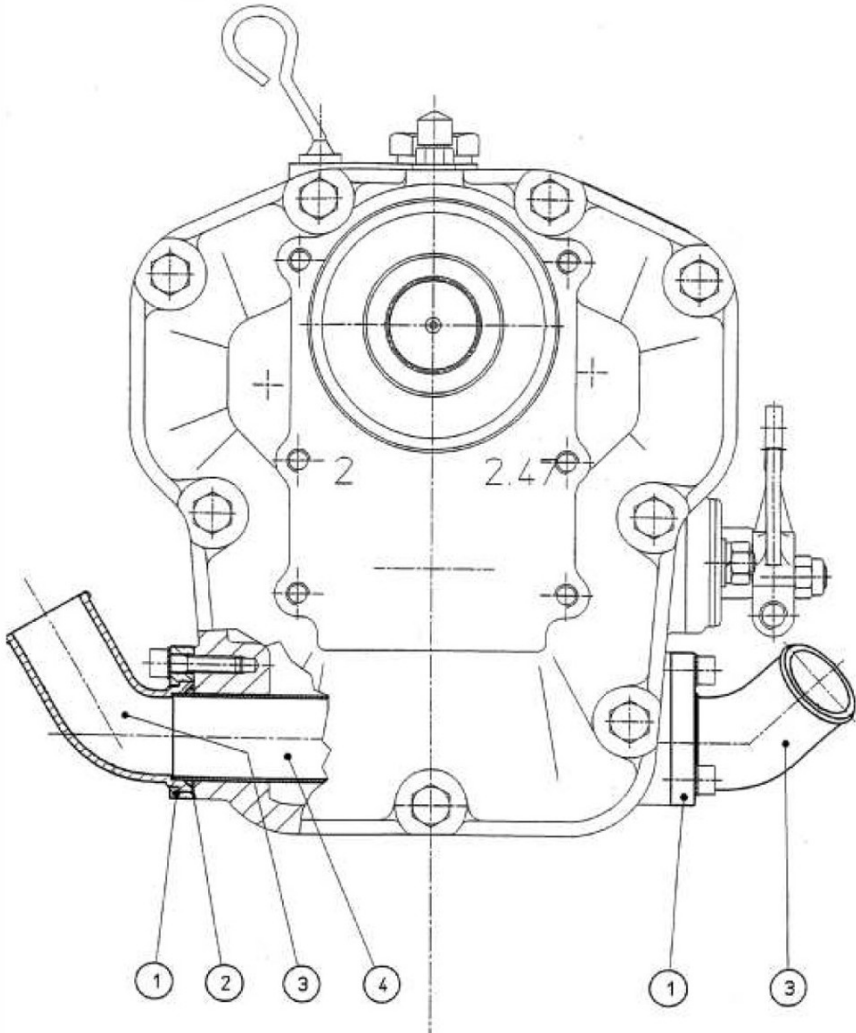
D\_5032\_2 Sheet 2/3

| Fig. | Ref.     | Qty. | Descr.                          | Obs                                                                                 | From | UpTo |
|------|----------|------|---------------------------------|-------------------------------------------------------------------------------------|------|------|
| 27   | 24890026 | 2    | Cover                           |                                                                                     |      |      |
| 28   | 53052210 | 1    | Pin DIN 1481 3-20               |                                                                                     |      |      |
| 29   | 52102257 | 6    | Bolt DIN 933 M8-20 8.8          |                                                                                     |      |      |
| 30   | 24880423 | 1    | Pad                             |                                                                                     |      |      |
| 31   | 24860417 | 1    | O-Ring                          |                                                                                     |      |      |
| 32   | 24860411 | 1    | Spring                          |                                                                                     |      |      |
| 33   | 52102258 | 1    | Bolt DIN 933 M8-25 8.8          |                                                                                     |      |      |
| 34   | 52120008 | 2    | Nut DIN 934 M8 8.8              |                                                                                     |      |      |
| 35   | 51123008 | 1    | Nut DIN 985 M8 5.6              |                                                                                     |      |      |
| 36   | 52111260 | 1    | ROD DIN 913 M8-35 8.8           |                                                                                     |      |      |
| 37   | 24860071 | 2    | STUD                            |                                                                                     |      |      |
| 38   | 53033008 | 2    | Washer GROWER DIN 127-8         |                                                                                     |      |      |
| 39   | 51030008 | 2    | Washer DIN 125-8                |                                                                                     |      |      |
| 40   | 24880402 | 1    | Shaft                           |                                                                                     |      |      |
| 41   | 24860404 | 1    | Oil Seal                        |                                                                                     |      |      |
| 42   | 24880401 | 1    | Cover                           |                                                                                     |      |      |
| 43   | 24810424 | 1    | Lever                           |                                                                                     |      |      |
| 44   | 24860419 | 1    | Pin                             |                                                                                     |      |      |
| 45   | 24850005 | 1    | Plate, IDENTIFICATION           |                                                                                     |      |      |
| 52   | 53038006 | 6    | Washer DIN 6798-A 6             |                                                                                     |      |      |
| NS   | 24890021 | 1    | SAE 7 - BW housing coupling TMC |  |      |      |



D\_5032\_3 Cooling System 3/3

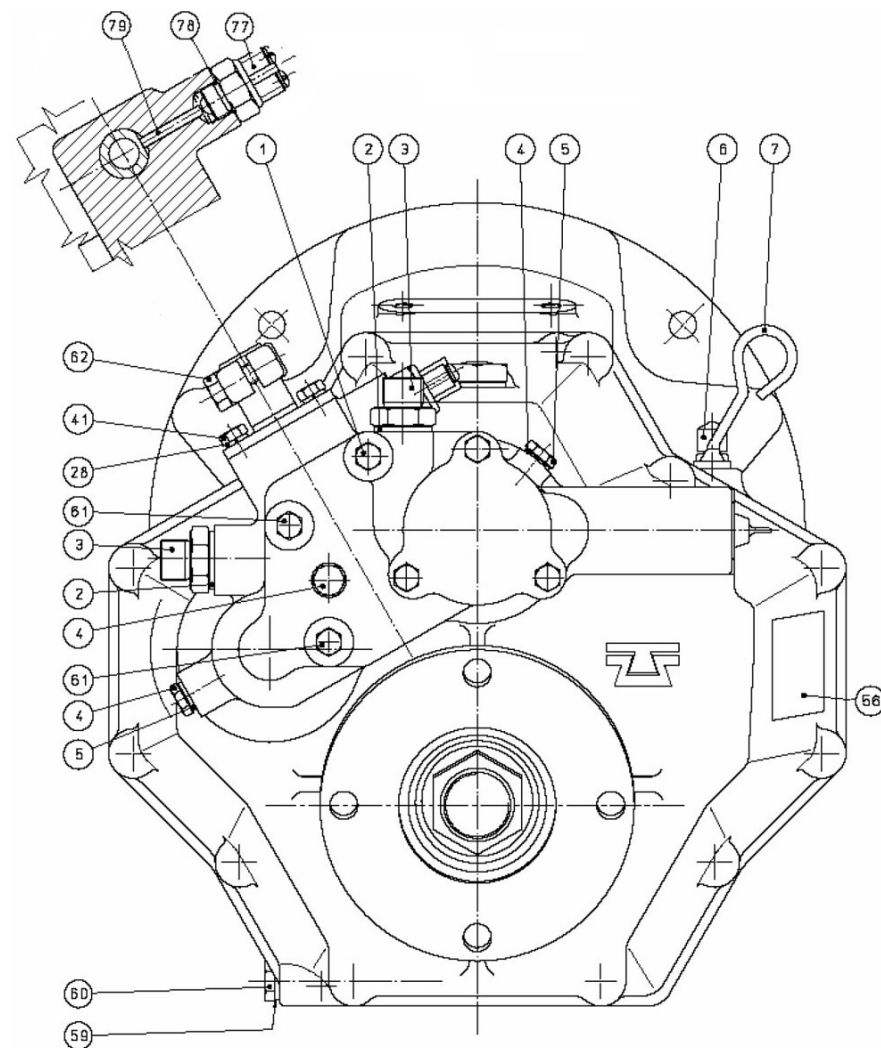
| Fig. | Ref.     | Qty. | Descr.           | Obs | From | UpTo |
|------|----------|------|------------------|-----|------|------|
| 1    | 24890051 | 2    | Cover            |     |      |      |
| 2    | 24890052 | 2    | O-Ring D. 32X2,5 |     |      |      |
| 3    | 24890053 | 2    | Elbow            |     |      |      |
| 4    | 24890054 | 1    | Cooler Pipe      |     |      |      |



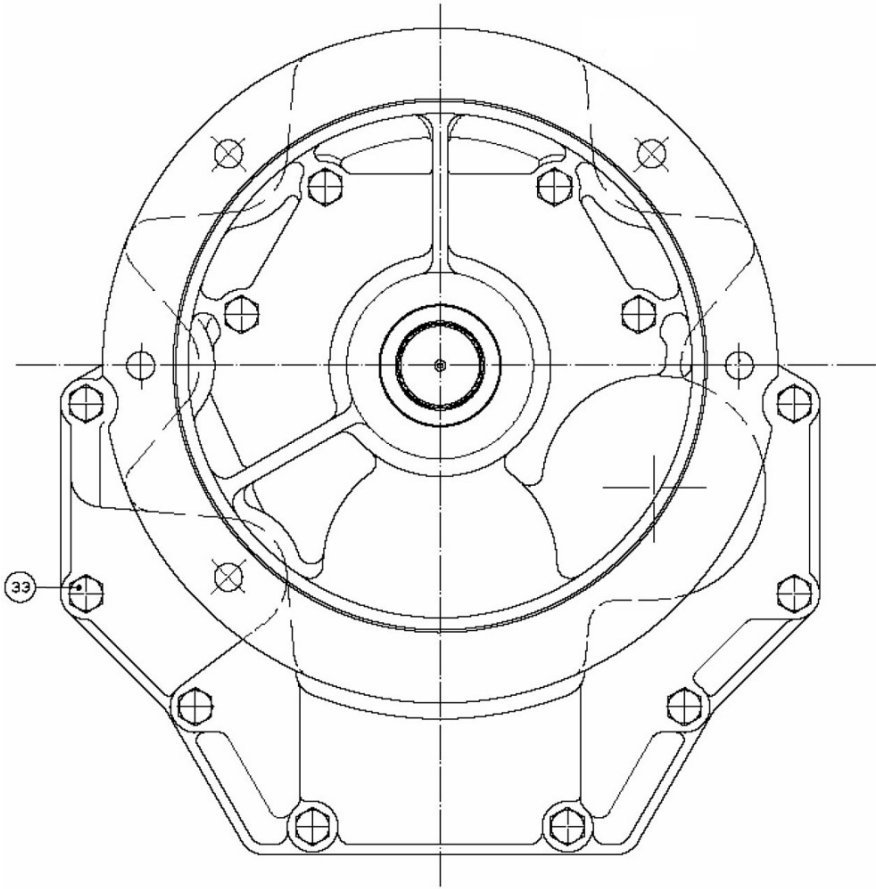


D\_5023\_1 Sheet 1/4

| Fig. | Ref.     | Qty. | Descr.                 | Obs | From | UpTo |
|------|----------|------|------------------------|-----|------|------|
| 1    | 24850091 | 1    | Screw                  |     |      |      |
| 2    | 24850092 | 3    | Washer                 |     |      |      |
| 3    | 24850090 | 2    | Washer                 |     |      |      |
| 4    | 24820068 | 3    | Plug M8X1              |     |      |      |
| 5    | 56000057 | 3    | Washer 8-13-1,5        |     |      |      |
| 6    | 24810065 | 1    | Plug                   |     |      |      |
| 7    | 24850008 | 1    | Gauge Oil LEVEL        |     |      |      |
| 26   | 24850028 | 11   | Screw                  |     |      |      |
| 41   | 52102156 | 5    | Bolt DIN 933 M6-16 8.8 |     |      |      |
| 56   | 24850005 | 1    | Plate, IDENTIFICATION  |     |      |      |
| 59   | 24810063 | 1    | Plane Washer           |     |      |      |
| 60   | 24850011 | 1    | Plug,oil drain         |     |      |      |
| 61   | 52102158 | 2    | Bolt DIN 933 M6-25 8.8 |     |      |      |
| 62   | 52102258 | 1    | Bolt DIN 933 M8-25 8.8 |     |      |      |
| 77   | 24810532 | 1    | SWITCHER               |     |      |      |
| 78   | 24810533 | 1    | O-Ring D. 14X1,7       |     |      |      |
| 79   | 24850527 | 1    | Pin                    |     |      |      |

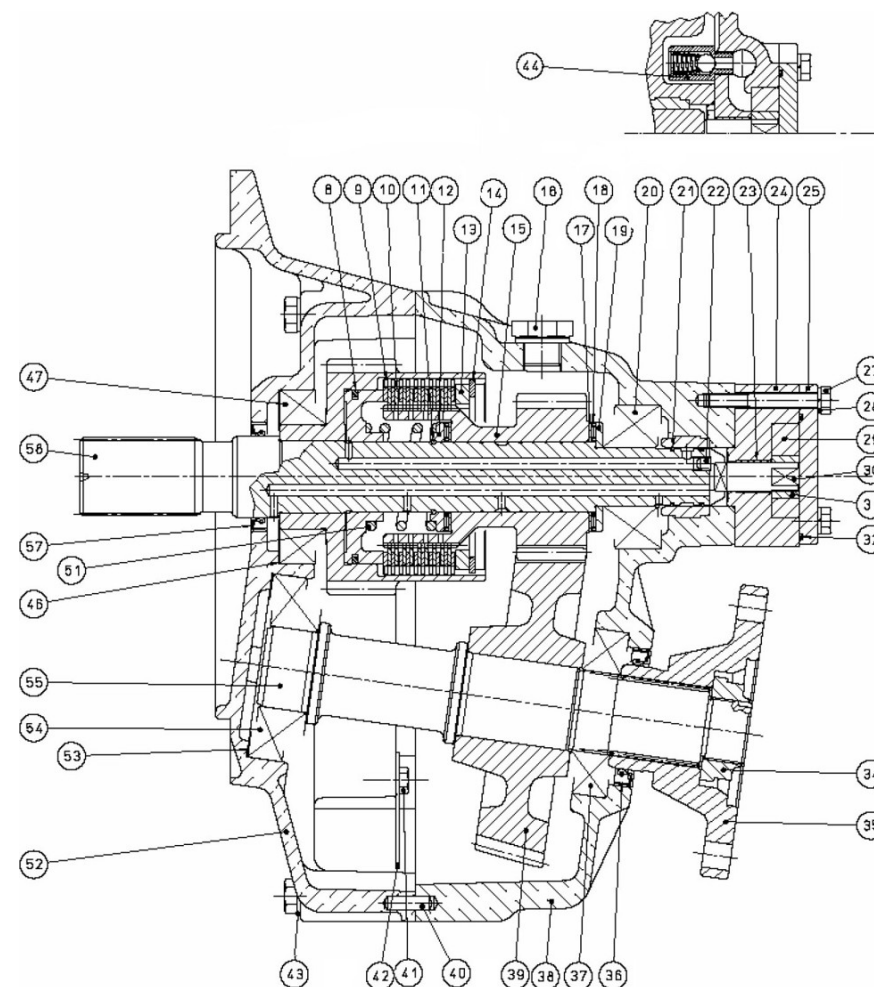


| D_5023_2 |          | Sheet 2/4 |        |     |           |
|----------|----------|-----------|--------|-----|-----------|
| Fig.     | Ref.     | Qty.      | Descr. | Obs | From UpTo |
| 33       | 24830113 | 1         | Screw  |     |           |



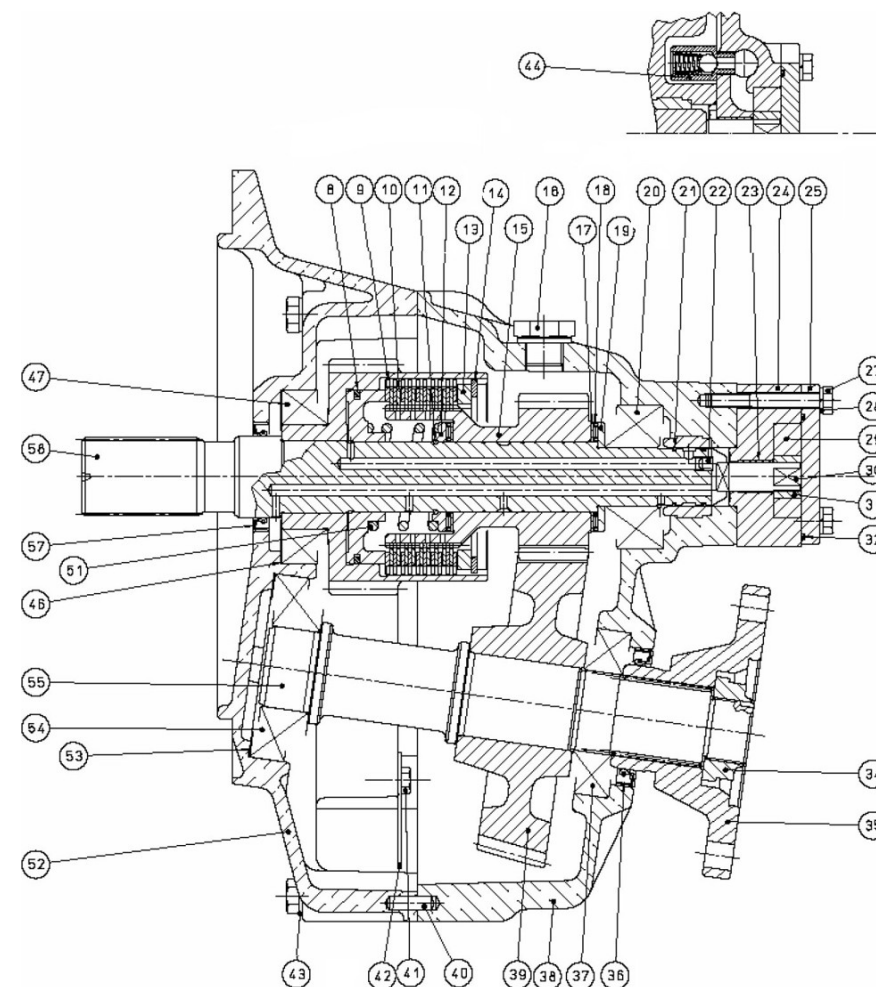
D\_5023\_3 Sheet 3/4

| Fig. | Ref.     | Qty. | Descr.                        | Obs | From | UpTo |
|------|----------|------|-------------------------------|-----|------|------|
| 8    | 24850323 | 2    | Washer                        |     |      |      |
| 11   | 24850310 | 2    | Ring                          |     |      |      |
| 12   | 24850307 | 2    | Ring                          |     |      |      |
| 13   | 24850333 | 2    | Spacer                        |     |      |      |
| 14   | 24850312 | 2    | SEGER                         |     |      |      |
| 15A  | 24852203 | 1    | Gear R. 1,54 TM 345           |     |      |      |
| 15B  | 24853203 | 1    | Gear R. 2 TM 345              |     |      |      |
| 15C  | 24854203 | 1    | Gear R. 2,47 TM 345           |     |      |      |
| 16   | 24850012 | 1    | Plug                          |     |      |      |
| 17   | 24850318 | 4    | Ring                          |     |      |      |
| 18   | 24850306 | 4    | Bearing, needle               |     |      |      |
| 19   | 24850325 | 2    | Washer                        |     |      |      |
| 20   | 24850308 | 2    | Conical Roller Bearing 32305  |     |      |      |
| 21   | 24850328 | 4    | Washer                        |     |      |      |
| 22   | 24810326 | 2    | Plug                          |     |      |      |
| 23   | 24850016 | 1    | Bushing                       |     |      |      |
| 24   | 24850020 | 1    | PUMB Box                      |     |      |      |
| 25   | 24850015 | 1    | Pump Cover                    |     |      |      |
| 27   | 24850029 | 3    | Screw                         |     |      |      |
| 28   | 53033006 | 9    | Washer GROWER DIN 127-6       |     |      |      |
| 29   | 24850095 | 1    | Gear, Pump Out                |     |      |      |
| 30   | 24850094 | 1    | Pump Shaft                    |     |      |      |
| 31   | 24850096 | 1    | Gear, Pump INNER              |     |      |      |
| 32   | 24850097 | 1    | O-Ring D. 50X1,7              |     |      |      |
| 34   | 24850099 | 1    | Nut                           |     |      |      |
| 35   | 24850224 | 1    | Flange, Output TM-345         |     |      |      |
| 36   | 24840103 | 1    | Grommet                       |     |      |      |
| 37   | 24850212 | 1    | Conical Roller Bearing 30207A |     |      |      |
| 38   | 24850001 | 1    | Front Body TM-345             |     |      |      |
| 39A  | 24852210 | 1    | Gear R. 1,54 TM 345           |     |      |      |
| 39B  | 24853210 | 1    | Gear R. 2 TM 345              |     |      |      |



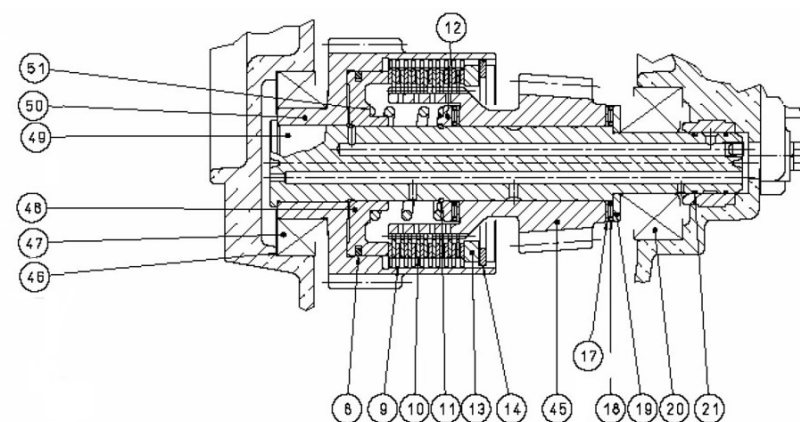
D\_5023\_3 Sheet 3/4

| Fig. | Ref.      | Qty. | Descr.                         | Obs | From | UpTo |
|------|-----------|------|--------------------------------|-----|------|------|
| 39C  | 24854210  | 1    | Gear R. 2,47 TM 345            |     |      |      |
| 40   | 24850013  | 2    | Pin                            |     |      |      |
| 42   | 24850080  | 1    | Plate Pipe                     |     |      |      |
| 43   | 24850093  | 12   | Washer                         |     |      |      |
| 44   | 24850063  | 1    | By pass Valve                  |     |      |      |
| 46   | 24850108  | 6    | Shim Adjusting                 |     |      |      |
| 47   | 24850104  | 2    | Conical Roller Bearing 32009-X |     |      |      |
| 51   | 24850122  | 2    | Spring                         |     |      |      |
| 52   | 24850207  | 1    | Cover TM-345                   |     |      |      |
| 53   | 24810333  | 3    | Spacer                         |     |      |      |
| 54   | 24850206  | 1    | Conical Roller Bearing 31307A  |     |      |      |
| 55   | 24850201  | 1    | Output Shaft                   |     |      |      |
| 57   | 24810103S | 1    | Grommet, Oil SILICON           |     |      |      |
| 58   | 24850101  | 1    | Input Shaft                    |     |      |      |

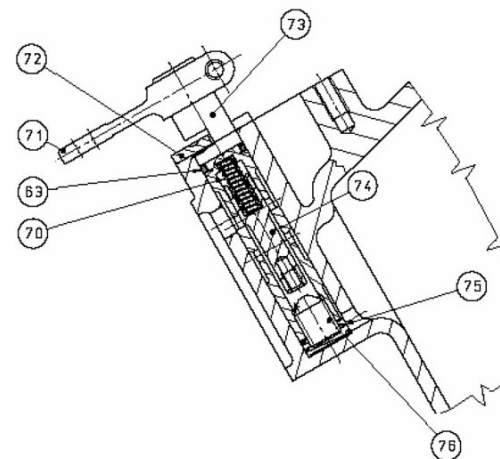


D\_5023\_4 Sheet 4/4

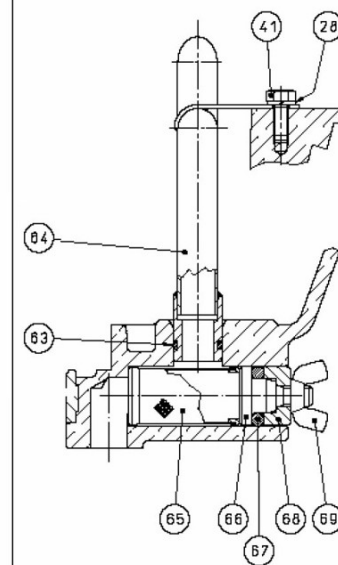
| Fig. | Ref.     | Qty. | Descr.               | Obs | From | UpTo |
|------|----------|------|----------------------|-----|------|------|
| 45A  | 24852203 | 1    | Gear R. 1,54 TM 345  |     |      |      |
| 45B  | 24853203 | 1    | Gear R. 2 TM 345     |     |      |      |
| 45C  | 24854203 | 1    | Gear R. 2,47 TM 345  |     |      |      |
| 48   | 24850124 | 2    | Piston               |     |      |      |
| 49   | 24850301 | 1    | INTERMEDIATE Shaft   |     |      |      |
| 50   | 24850330 | 1    | Bell                 |     |      |      |
| 63   | 24810045 | 2    | O-Ring D. 15,08X2,62 |     |      |      |
| 64   | 24850081 | 1    | Aspiration Tube      |     |      |      |
| 65   | 24810035 | 1    | Oil Filter           |     |      |      |
| 66   | 24850085 | 1    | Pin                  |     |      |      |
| 67   | 24850059 | 1    | O-Ring D. 50X5,3     |     |      |      |
| 68   | 24850076 | 1    | Spacer               |     |      |      |
| 69   | 24850057 | 1    | Nut                  |     |      |      |
| 70   | 24850030 | 1    | Spring               |     |      |      |
| 71   | 24810424 | 1    | Lever                |     |      |      |
| 72   | 24810041 | 1    | Support              |     |      |      |
| 73   | 24850062 | 1    | Selector Valve       |     |      |      |
| 74   | 24850052 | 1    | Valve                |     |      |      |
| 75   | 24850078 | 1    | Spring               |     |      |      |
| 76   | 24850079 | 1    | Screw                |     |      |      |



INTERMEDIATE SHAFT ASSEMBLY

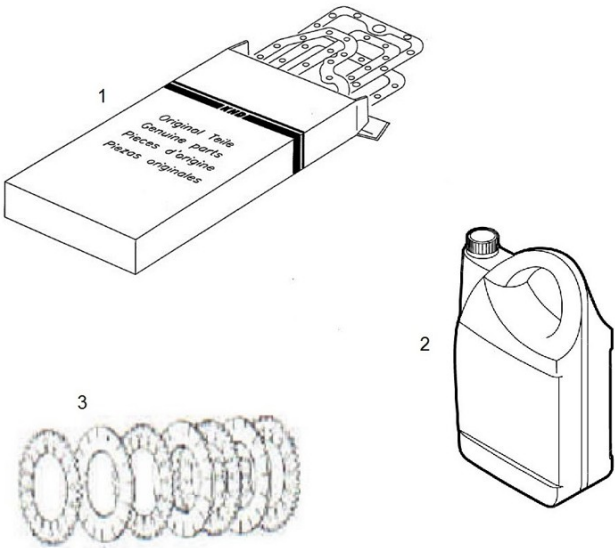


SELECTOR VALVE ASSEMBLY



OIL FILTER ASSEMBLY

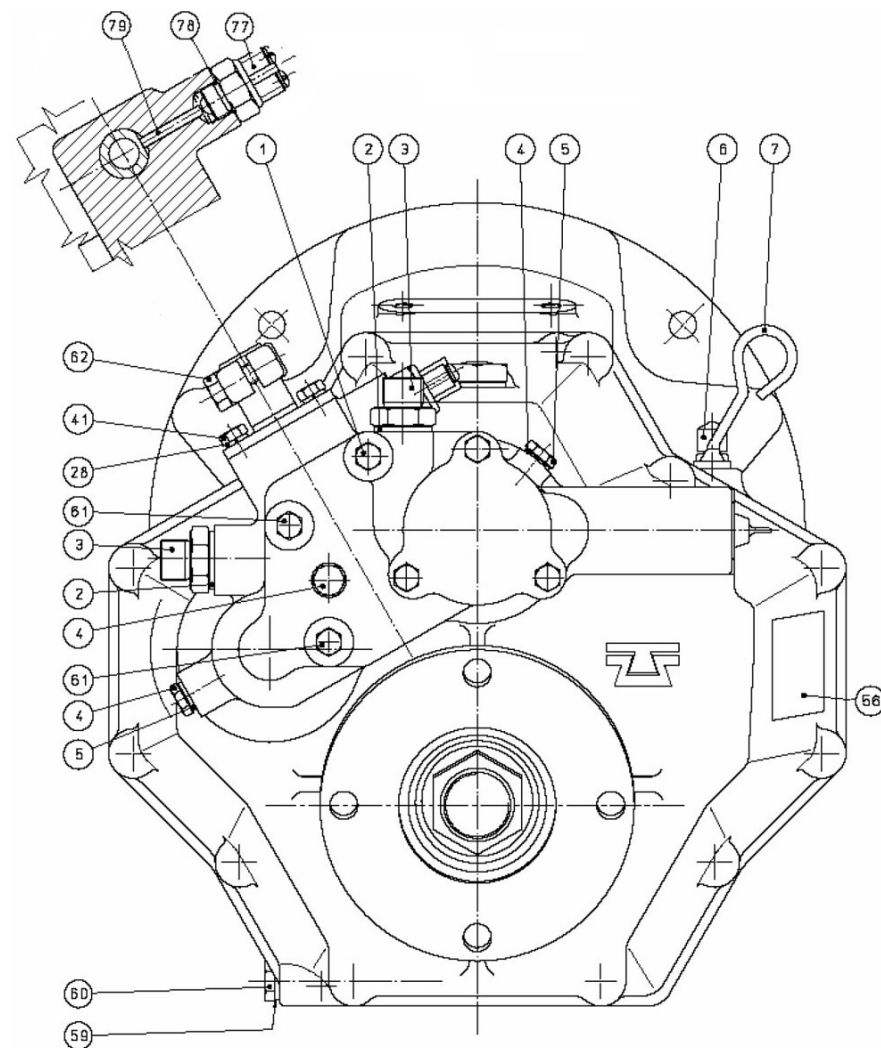
| D_5023_5 |          | Maintenance Kit |                          |     |      |      |
|----------|----------|-----------------|--------------------------|-----|------|------|
| Fig.     | Ref.     | Qty.            | Descr.                   | Obs | From | UpTo |
| 1        | 24850401 | 1               | Kit Gasket               |     |      |      |
| 1        | 24850401 | 1               | Kit Gasket               |     |      |      |
| 2        | A0105000 | 1               | 15W40 Sole Diesel Oil 5L |     |      |      |
| 2        | A0105000 | 1               | 15W40 Sole Diesel Oil 5L |     |      |      |
| 3        | 24850403 | 2               | Clutch Plate Kit         |     |      |      |
| 3        | 24850403 | 2               | Clutch Plate Kit         |     |      |      |





D\_5024\_1 Sheet 1/4

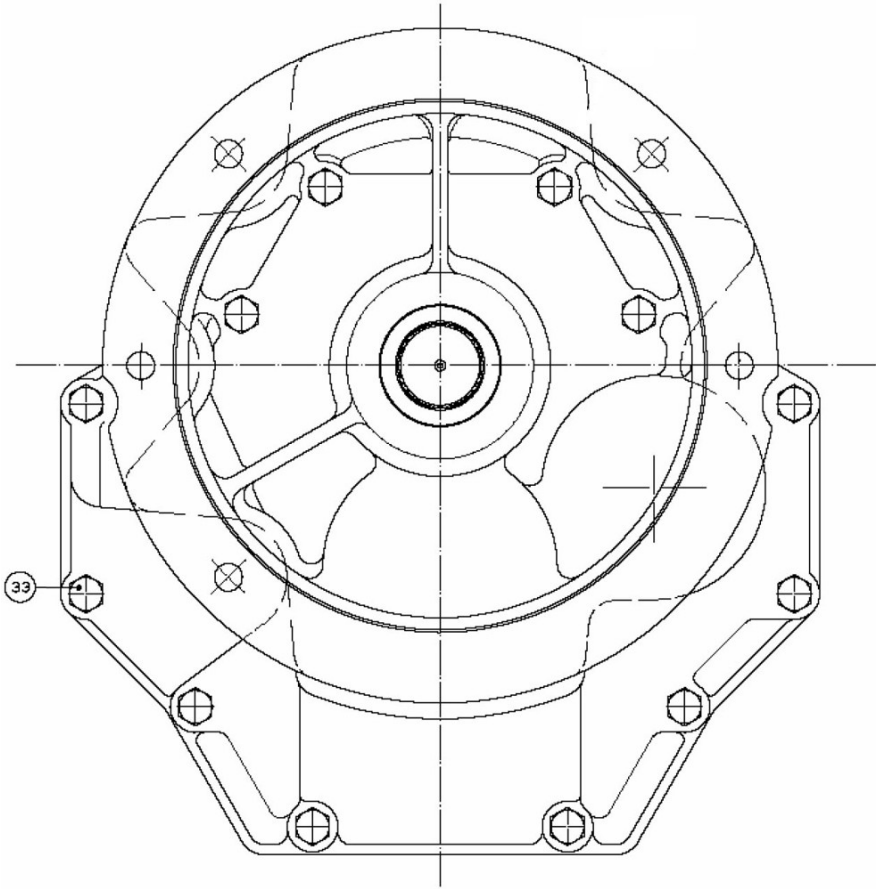
| Fig. | Ref.     | Qty. | Descr.                 | Obs | From | UpTo |
|------|----------|------|------------------------|-----|------|------|
| 1    | 24850091 | 1    | Screw                  |     |      |      |
| 2    | 24850092 | 3    | Washer                 |     |      |      |
| 3    | 24850090 | 2    | Washer                 |     |      |      |
| 4    | 24820068 | 3    | Plug M8X1              |     |      |      |
| 5    | 56000057 | 3    | Washer 8-13-1,5        |     |      |      |
| 6    | 24810065 | 1    | Plug                   |     |      |      |
| 7    | 24850008 | 1    | Gauge Oil LEVEL        |     |      |      |
| 26   | 24850028 | 11   | Screw                  |     |      |      |
| 41   | 52102156 | 3    | Bolt DIN 933 M6-16 8.8 |     |      |      |
| 56   | 24850005 | 1    | Plate, IDENTIFICATION  |     |      |      |
| 59   | 24810063 | 1    | Plane Washer           |     |      |      |
| 60   | 24850011 | 1    | Plug,oil drain         |     |      |      |
| 61   | 52102158 | 2    | Bolt DIN 933 M6-25 8.8 |     |      |      |
| 62   | 52102258 | 2    | Bolt DIN 933 M8-25 8.8 |     |      |      |
| 77   | 24810532 | 1    | SWITCHER               |     |      |      |
| 78   | 24810533 | 1    | O-Ring D. 14X1,7       |     |      |      |
| 79   | 24850527 | 1    | Pin                    |     |      |      |





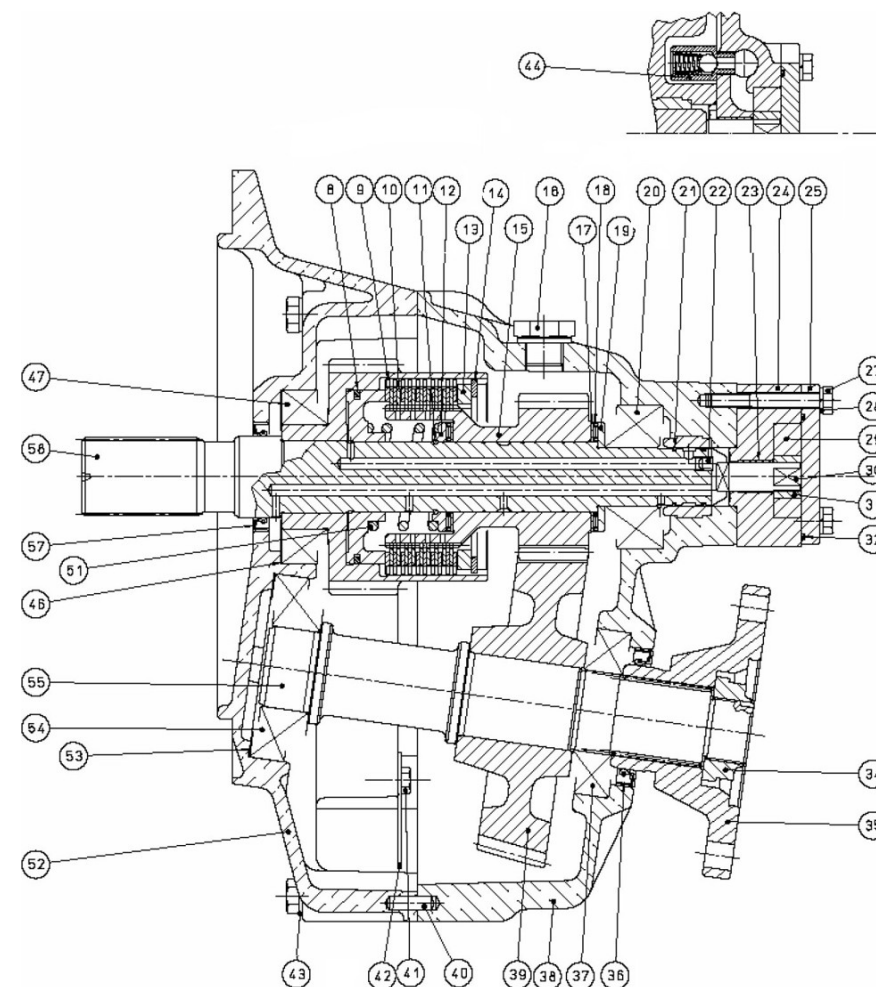
D\_5024\_2 Sheet 2/4

| Fig. | Ref.     | Qty. | Descr. | Obs | From | UpTo |
|------|----------|------|--------|-----|------|------|
| 33   | 24830113 | 1    | Screw  |     |      |      |



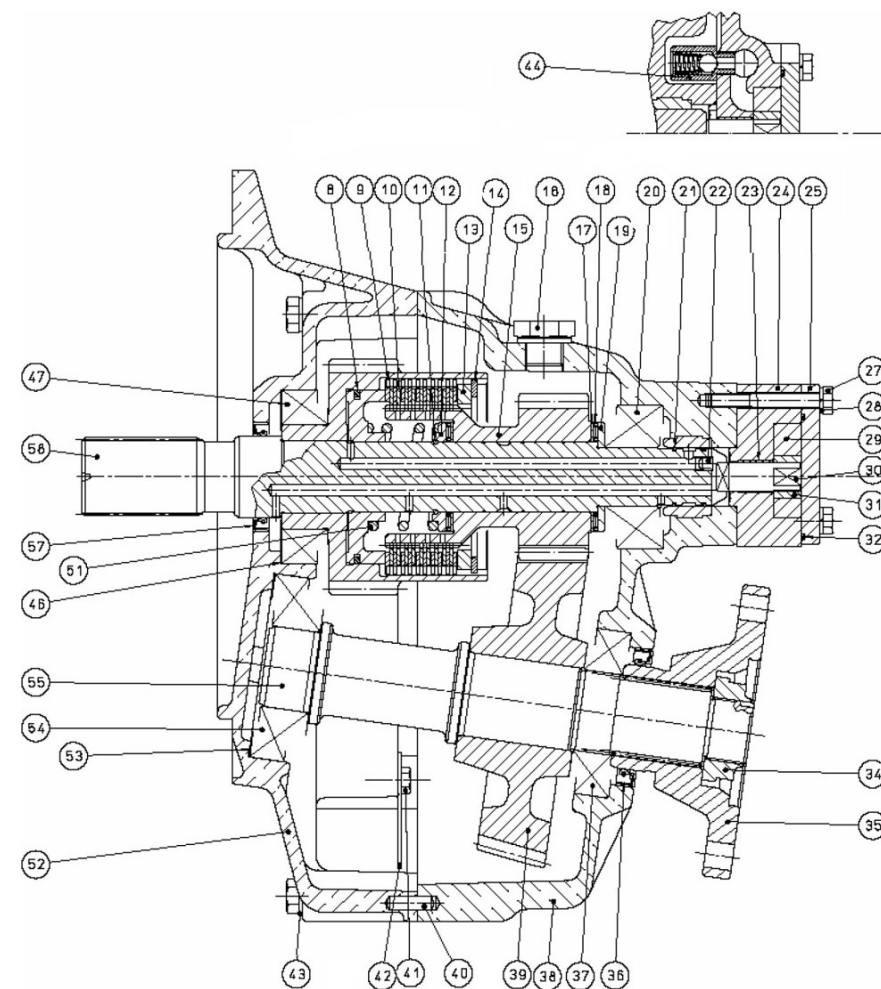
D\_5024\_3 Sheet 3/4

| Fig. | Ref.      | Qty. | Descr.                        | Obs | From | UpTo |
|------|-----------|------|-------------------------------|-----|------|------|
| 8    | 24850323  | 2    | Washer                        |     |      |      |
| 11   | 24850310  | 2    | Ring                          |     |      |      |
| 12   | 24850307  | 2    | Ring                          |     |      |      |
| 13   | 24850333  | 2    | Spacer                        |     |      |      |
| 14   | 24850312  | 2    | SEGER                         |     |      |      |
| 15A  | 24852203A | 1    | Gear R. 1,54 TM 345A          |     |      |      |
| 15B  | 24853203A | 1    | Gear Red. 2 TM 345A           |     |      |      |
| 15C  | 24854203A | 1    | Gear R. 2,47 TM 345A          |     |      |      |
| 16   | 24850012  | 1    | Plug                          |     |      |      |
| 17   | 24850318  | 4    | Ring                          |     |      |      |
| 18   | 24850306  | 4    | Bearing, needle               |     |      |      |
| 19   | 24850325  | 2    | Washer                        |     |      |      |
| 20   | 24850308  | 2    | Conical Roller Bearing 32305  |     |      |      |
| 21   | 24850328  | 4    | Washer                        |     |      |      |
| 22   | 24810326  | 2    | Plug                          |     |      |      |
| 23   | 24850016  | 1    | Bushing                       |     |      |      |
| 24   | 24850020  | 1    | PUMB Box                      |     |      |      |
| 25   | 24850015  | 1    | Pump Cover                    |     |      |      |
| 27   | 24850029  | 3    | Screw                         |     |      |      |
| 28   | 53033006  | 9    | Washer GROWER DIN 127-6       |     |      |      |
| 29   | 24850095  | 1    | Gear, Pump Out                |     |      |      |
| 30   | 24850094  | 1    | Pump Shaft                    |     |      |      |
| 31   | 24850096  | 1    | Gear, Pump INNER              |     |      |      |
| 32   | 24850097  | 1    | O-Ring D. 50X1,7              |     |      |      |
| 34   | 24850099  | 1    | Nut                           |     |      |      |
| 35   | 24850224A | 1    | Flange, Output TM-345A        |     |      |      |
| 36   | 24840103  | 1    | Grommet                       |     |      |      |
| 37   | 24850212  | 1    | Conical Roller Bearing 30207A |     |      |      |
| 38   | 24850001A | 1    | Front Body TM-345A            |     |      |      |
| 39A  | 24852210A | 1    | Gear R. 1,54 TM 345A          |     |      |      |
| 39B  | 24853210A | 1    | Gear R. 2 TM 345A             |     |      |      |



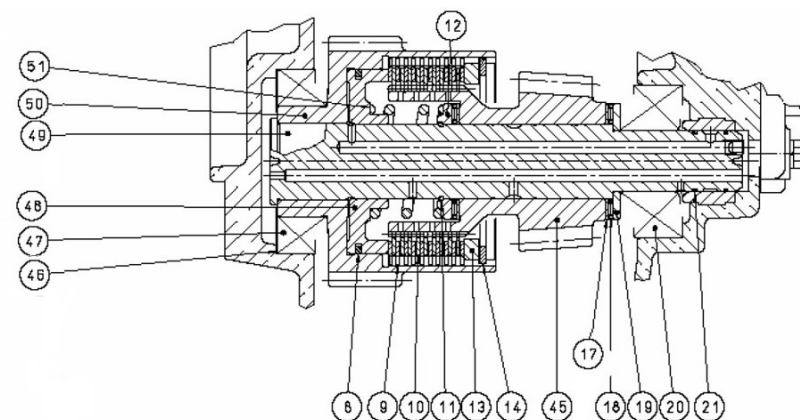
D\_5024\_3 Sheet 3/4

| Fig. | Ref.      | Qty. | Descr.                         | Obs | From | UpTo |
|------|-----------|------|--------------------------------|-----|------|------|
| 39C  | 24854210A | 1    | Gear R. 2,47 TM 345A           |     |      |      |
| 40   | 24850013  | 2    | Pin                            |     |      |      |
| 42   | 24850080  | 1    | Plate Pipe                     |     |      |      |
| 43   | 24850093  | 12   | Washer                         |     |      |      |
| 44   | 24850063  | 1    | By pass Valve                  |     |      |      |
| 46   | 24850108  | 6    | Shim Adjusting                 |     |      |      |
| 47   | 24850104  | 2    | Conical Roller Bearing 32009-X |     |      |      |
| 51   | 24850122  | 2    | Spring                         |     |      |      |
| 52   | 24850207A | 1    | Cover TM-345A                  |     |      |      |
| 53   | 24810333  | 3    | Spacer                         |     |      |      |
| 54   | 24850206  | 1    | Conical Roller Bearing 31307A  |     |      |      |
| 55   | 24850201  | 1    | Output Shaft                   |     |      |      |
| 57   | 24810103S | 1    | Grommet, Oil SILICON           |     |      |      |
| 58   | 24850101  | 1    | Input Shaft                    |     |      |      |

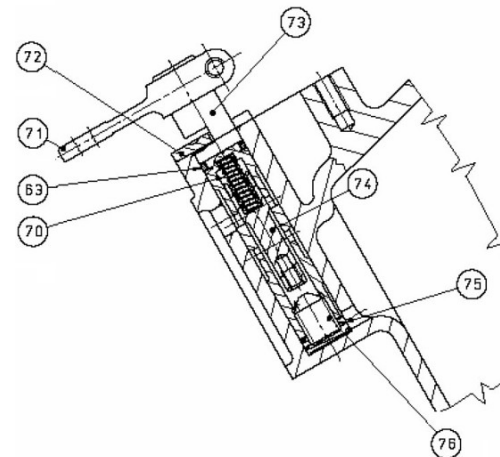


D\_5024\_4 Sheet 4/4

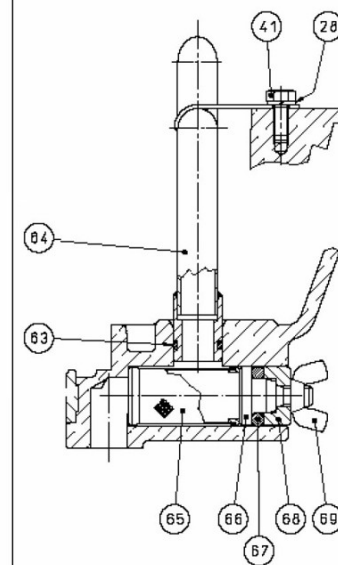
| Fig. | Ref.     | Qty. | Descr.               | Obs | From | UpTo       |
|------|----------|------|----------------------|-----|------|------------|
| 45A  | 24852302 | 1    | Gear R. 1,54 TM 345A |     |      |            |
| 45B  | 24853302 | 1    | Gear R. 2 TM 345A    |     |      |            |
| 45C  | 24854302 | 1    | Gear R. 2,47 TM 345A |     |      |            |
| 48   | 24850124 | 2    | Piston               |     |      |            |
| 49   | 24850301 | 1    | INTERMEDIATE Shaft   |     |      |            |
| 50   | 24850330 | 1    | Bell                 |     |      |            |
| 63   | 24810045 | 2    | O-Ring D. 15,08X2,62 |     |      |            |
| 64   | 24850081 | 1    | Aspiration Tube      |     |      |            |
| 65   | 24810035 | 1    | Oil Filter           |     |      |            |
| 66   | 24850085 | 1    | Pin                  |     |      |            |
| 67   | 24850059 | 1    | O-Ring D. 50X5,3     |     |      | 16/12/2019 |
| 68   | 24850076 | 1    | Spacer               |     |      |            |
| 69   | 24850057 | 1    | Nut                  |     |      |            |
| 70   | 24850030 | 1    | Spring               |     |      |            |
| 71   | 24810424 | 1    | Lever                |     |      |            |
| 72   | 24810041 | 1    | Support              |     |      |            |
| 73   | 24850062 | 1    | Selector Valve       |     |      |            |
| 74   | 24850052 | 1    | Valve                |     |      |            |
| 75   | 24850078 | 1    | Spring               |     |      |            |
| 76   | 24850079 | 1    | Screw                |     |      |            |



INTERMEDIATE SHAFT ASSEMBLY

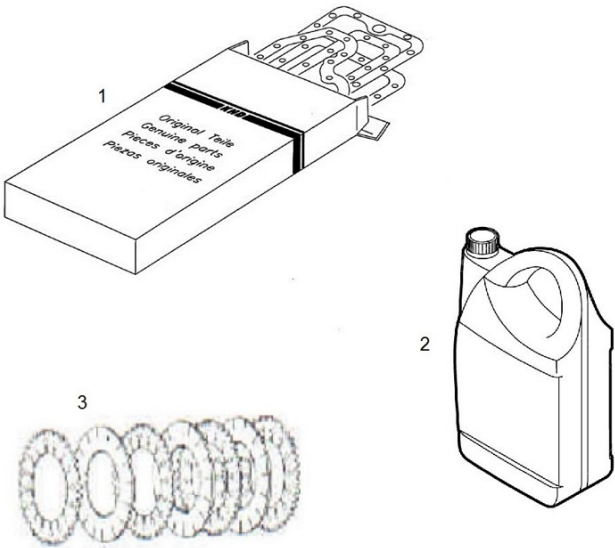


SELECTOR VALVE ASSEMBLY



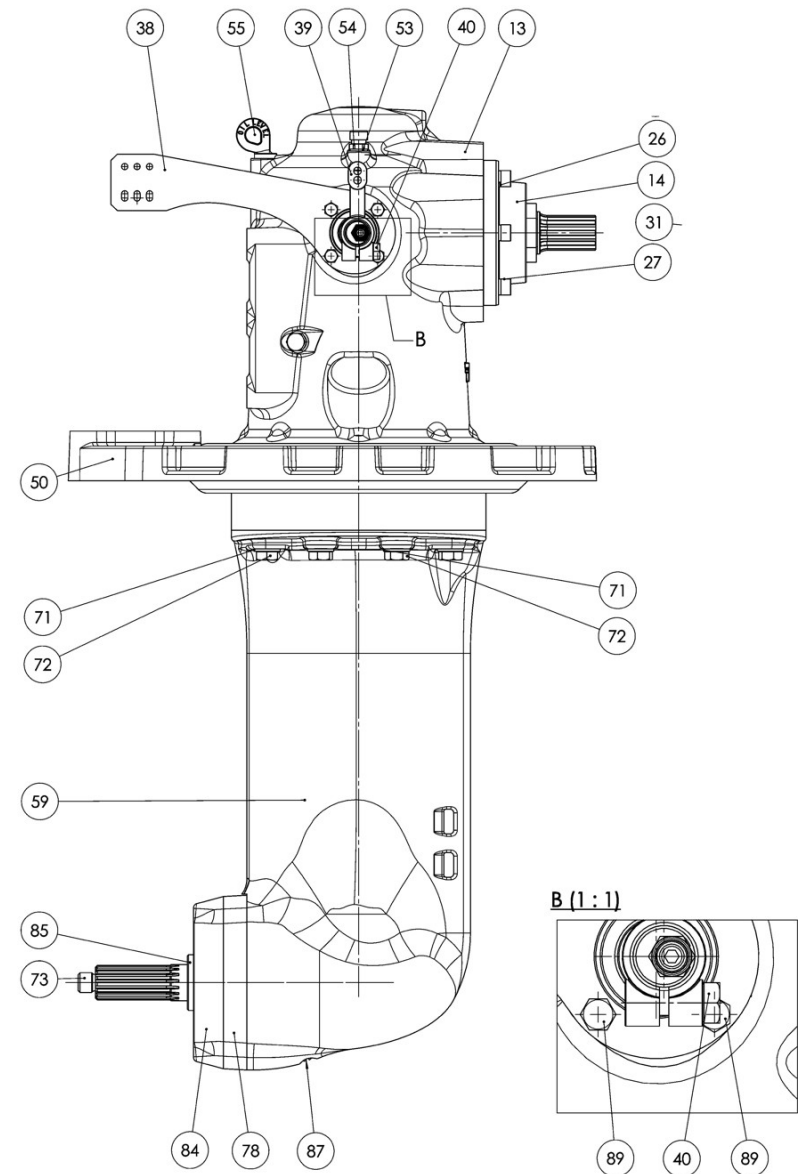
OIL FILTER ASSEMBLY

| D_5023_5 |          | Maintenance Kit |                          |     |      |      |
|----------|----------|-----------------|--------------------------|-----|------|------|
| Fig.     | Ref.     | Qty.            | Descr.                   | Obs | From | UpTo |
| 1        | 24850401 | 1               | Kit Gasket               |     |      |      |
| 1        | 24850401 | 1               | Kit Gasket               |     |      |      |
| 2        | A0105000 | 1               | 15W40 Sole Diesel Oil 5L |     |      |      |
| 2        | A0105000 | 1               | 15W40 Sole Diesel Oil 5L |     |      |      |
| 3        | 24850403 | 2               | Clutch Plate Kit         |     |      |      |
| 3        | 24850403 | 2               | Clutch Plate Kit         |     |      |      |



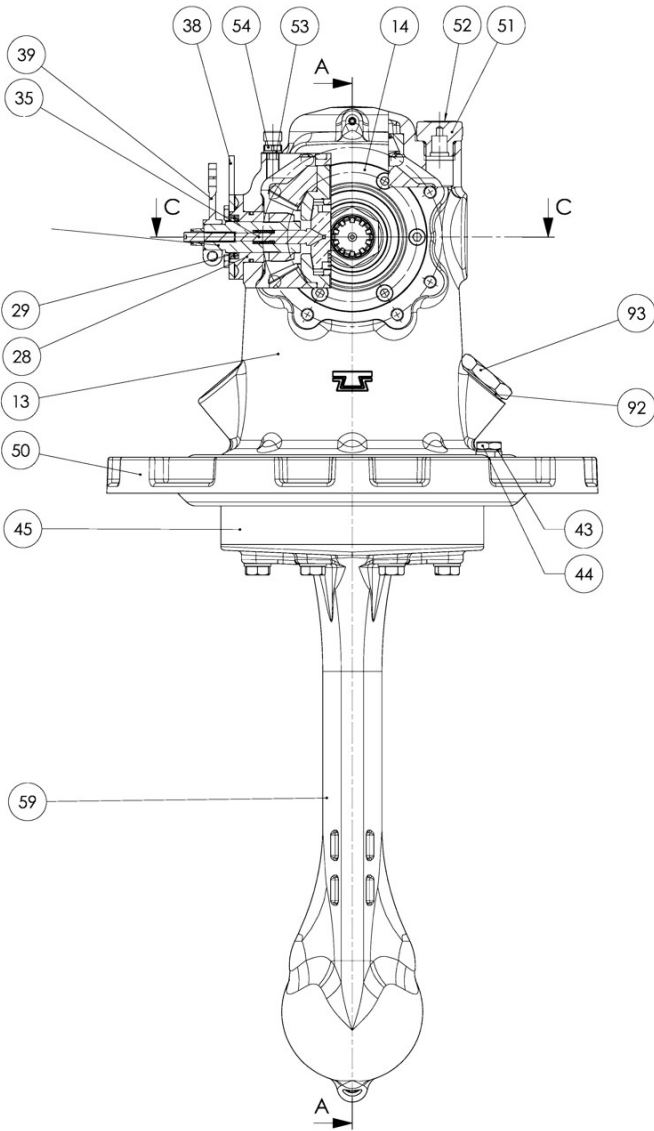
| D_5037_1 |      | Sheet 1/4 SP60 S.Drive V1 |        |     |      |      |
|----------|------|---------------------------|--------|-----|------|------|
| Fig.     | Ref. | Qty.                      | Descr. | Obs | From | UpTo |

|    |               |   |                         |  |  |            |
|----|---------------|---|-------------------------|--|--|------------|
| 13 | 24813500.13.1 | 1 | Body                    |  |  |            |
| 26 | 24813500.26   | 6 | Washer                  |  |  |            |
| 27 | 52103259      | 6 | Bolt DIN 912 M8-30 8.8  |  |  |            |
| 38 | 24813500.38   | 1 | Bracket Control         |  |  |            |
| 39 | 24810424      | 1 | Lever                   |  |  |            |
| 40 | 52102258      | 1 | Bolt DIN 933 M8-25 8.8  |  |  |            |
| 50 | 24813500.50   | 1 | Flange CLOSING MEMBRANE |  |  |            |
| 53 | 24810063      | 2 | Plane Washer            |  |  |            |
| 54 | 24810065      | 1 | Plug                    |  |  |            |
| 55 | 24813500.55   | 1 | Gauge Oil LEVEL         |  |  |            |
| 59 | 24813500.59   | 1 | Body                    |  |  | 11/05/2020 |
| 71 | 24830223      | 8 | Washer                  |  |  |            |
| 72 | 24813500.72   | 8 | Screw                   |  |  |            |
| 73 | 24813500.73   | 1 | Propeller Shaft         |  |  |            |
| 78 | 24813500.78   | 1 | Body                    |  |  |            |
| 84 | 24813500.84   | 1 | Anode SP60 (Saltwater)  |  |  |            |
| 85 | 24813500.85   | 1 | Spacer                  |  |  |            |
| 87 | 24813500.87   | 1 | Plug,oil drain          |  |  |            |
| 89 | 52102154      | 4 | Bolt DIN 933 M6-10 8.8  |  |  |            |



D\_5037\_2 Sheet 2/4 SP60 S.Drive V1

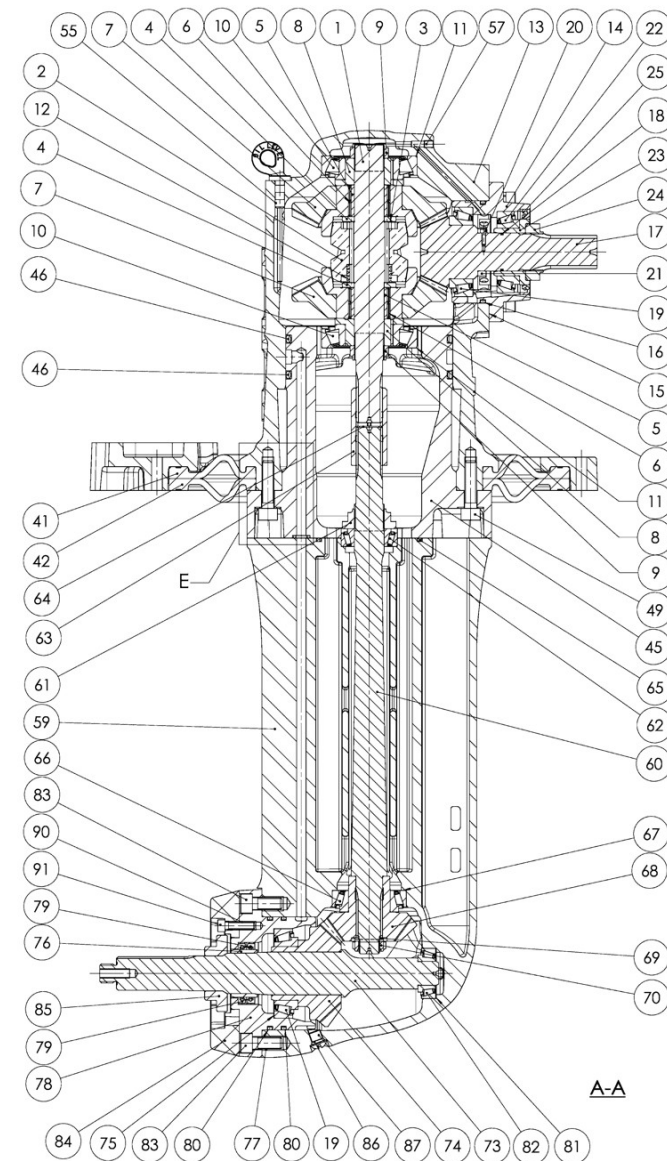
| Fig. | Ref.        | Qty. | Descr.        | Obs | From | UpTo |
|------|-------------|------|---------------|-----|------|------|
| 14   | 24813500.14 | 1    | Body          |     |      |      |
| 28   | 24813500.28 | 1    | Body Control  |     |      |      |
| 29   | 24860404    | 1    | Oil Seal      |     |      |      |
| 31   | 24860402    | 1    | Shaft         |     |      |      |
| 35   | 24860423    | 1    | PAD           |     |      |      |
| 43   | 24810522    | 1    | Washer        |     |      |      |
| 44   | 24813500.44 | 1    | Plug          |     |      |      |
| 45   | 24813500.45 | 1    | Cover         |     |      |      |
| 51   | 24813500.51 | 1    | Plug          |     |      |      |
| 52   | 24860006    | 1    | ATF Oil Plate |     |      |      |
| 92   | 24830035    | 1    | Washer        |     |      |      |
| 93   | 24813500.93 | 1    | Plug          |     |      |      |





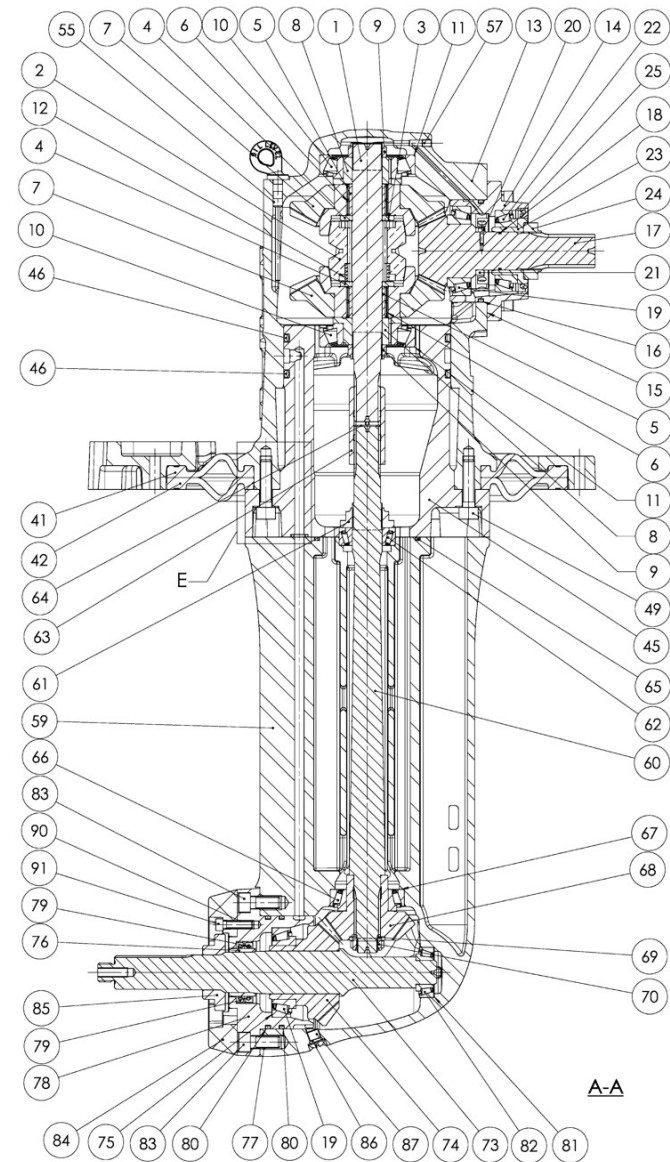
## D\_5037\_3 Sheet 3/4 SP60 S.Drive V1

| Fig. | Ref.        | Qty. | Descr.                       | Obs | From | UpTo |
|------|-------------|------|------------------------------|-----|------|------|
| 1    | 24813500.01 | 1    | Shaft,Output                 |     |      |      |
| 2    | 24813500.02 | 1    | Cone Clutch                  |     |      |      |
| 3    | 24813500.03 | 4    | Spacer                       |     |      |      |
| 4    | 24860217    | 2    | Spacer                       |     |      |      |
| 5    | 24813500.05 | 2    | Ring,Bearing                 |     |      |      |
| 6    | 24813500.06 | 4    | Bearing, needle              |     |      |      |
| 7    | 24813500.07 | 2    | Gear                         |     |      |      |
| 8    | 24813500.08 | 2    | Cover                        |     |      |      |
| 9    | 24813500.09 | 2    | Nut                          |     |      |      |
| 10   | 24813500.10 | 2    | Bearing                      |     |      |      |
| 11   | 24810333    | 2    | Spacer                       |     |      |      |
| 12   | 24813500.12 | 1    | Spring                       |     |      |      |
| 17   | 24813500.17 | 1    | Shaft                        |     |      |      |
| 20   | 24813500.20 | 1    | Screw                        |     |      |      |
| 41   | 24813500.41 | 1    | Gasket                       |     |      |      |
| 42   | 24813500.42 | 1    | Gasket                       |     |      |      |
| 46   | 24813500.46 | 2    | O-Ring                       |     |      |      |
| 57   | 24810506    | 1    | Screw                        |     |      |      |
| 60   | 24813500.60 | 1    | Shaft                        |     |      |      |
| 61   | 24813500.61 | 1    | Ring                         |     |      |      |
| 62   | 24860206    | 1    | Conical Roller Bearing 32005 |     |      |      |
| 63   | 24813500.63 | 1    | Guide                        |     |      |      |
| 64   | 24813500.64 | 1    | CIRClip                      |     |      |      |
| 65   | 24813500.65 | 1    | O-Ring                       |     |      |      |
| 66   | 24813500.66 | 1    | Bearing                      |     |      |      |
| 67   | 24813500.67 | 2    | Spacer                       |     |      |      |
| 68   | 24813500.68 | 1    | Gear                         |     |      |      |
| 69   | 24813500.69 | 2    | Washer                       |     |      |      |
| 70   | 24813500.70 | 1    | Nut                          |     |      |      |
| 74   | 24813500.74 | 1    | Gear                         |     |      |      |
| 75   | 24850108    | 2    | Shim Adjusting               |     |      |      |



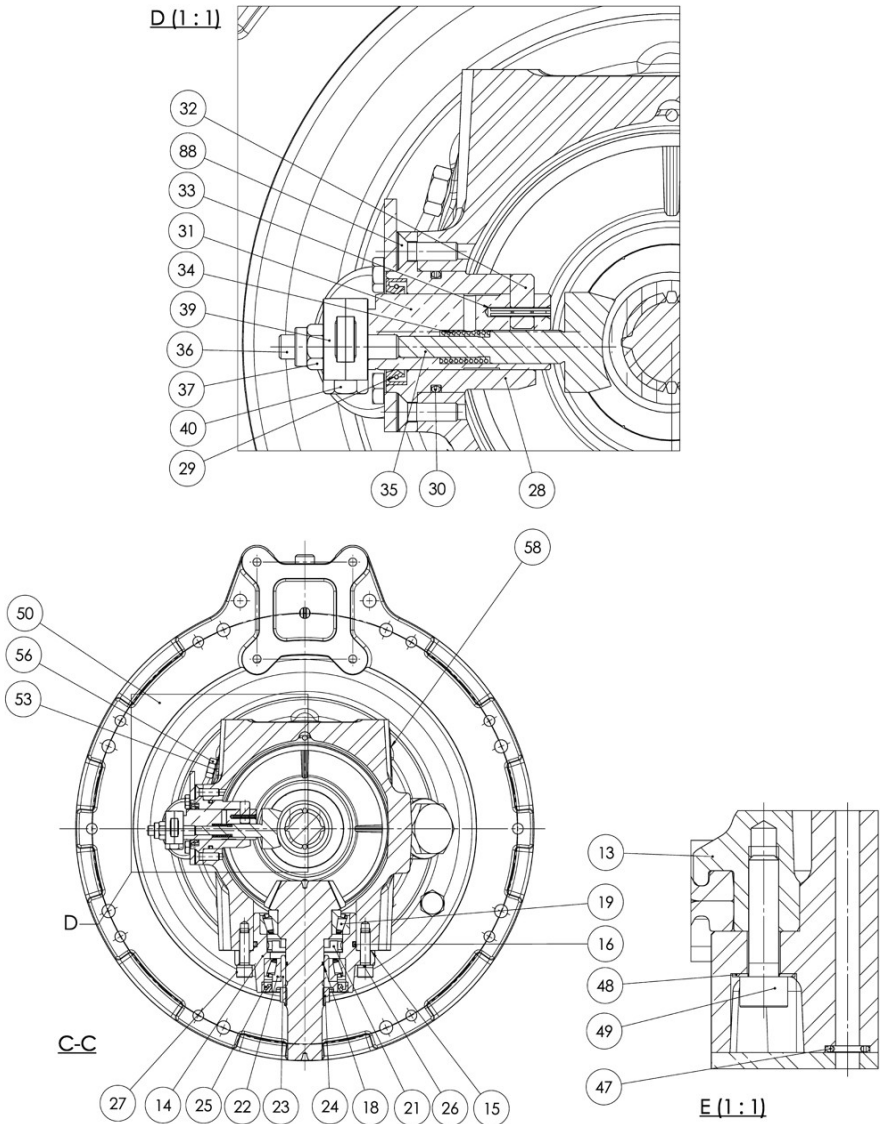
D\_5037\_3 Sheet 3/4 SP60 S.Drive V1

| Fig. | Ref.        | Qty. | Descr.           | Obs | From | UpTo |
|------|-------------|------|------------------|-----|------|------|
| 76   | 24813500.76 | 1    | Bushing          |     |      |      |
| 77   | 24813500.77 | 2    | HELICOil         |     |      |      |
| 79   | 24813500.79 | 2    | Oil Seal         |     |      |      |
| 80   | 24813500.80 | 2    | O-Ring D. 90X3,5 |     |      |      |
| 81   | 24813500.81 | 3    | Spacer           |     |      |      |
| 82   | 24813500.82 | 1    | Bearing          |     |      |      |
| 83   | 24813500.83 | 2    | Screw            |     |      |      |
| 86   | 24813500.86 | 1    | O-Ring D. 8X1,5  |     |      |      |
| 90   | 24813500.90 | 3    | HELICOil         |     |      |      |
| 91   | 24813500.91 | 3    | Screw            |     |      |      |



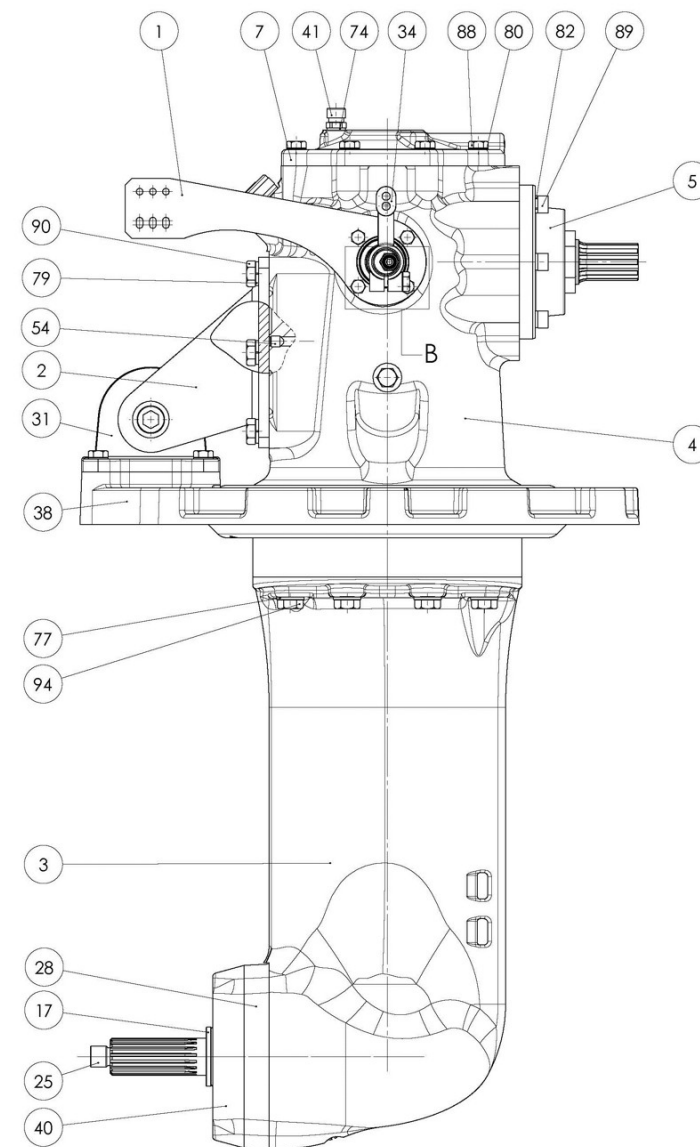
D\_5037\_4 Sheet 4/4 SP60 S.Drive V1

| Fig. | Ref.        | Qty. | Descr.                         | Obs | From | UpTo |
|------|-------------|------|--------------------------------|-----|------|------|
| 15   | 24813500.15 | 2    | Spacer                         |     |      |      |
| 16   | 24813500.16 | 1    | O-Ring                         |     |      |      |
| 18   | 24813500.18 | 1    | O-Ring                         |     |      |      |
| 19   | 24850104    | 2    | Conical Roller Bearing 32009-X |     |      |      |
| 21   | 24813500.21 | 1    | Impeller                       |     |      |      |
| 22   | 24813500.22 | 1    | Bearing                        |     |      |      |
| 23   | 24813500.23 | 1    | Cover                          |     |      |      |
| 24   | 24813500.24 | 1    | Nut                            |     |      |      |
| 25   | 24813500.25 | 1    | Oil Seal                       |     |      |      |
| 30   | 24860417    | 1    | O-Ring                         |     |      |      |
| 32   | 24860419    | 1    | Pin                            |     |      |      |
| 33   | 53052210    | 1    | Pin DIN 1481 3-20              |     |      |      |
| 34   | 24860411    | 1    | Spring                         |     |      |      |
| 36   | 24860409    | 1    | Screw                          |     |      |      |
| 37   | 51123008    | 1    | Nut DIN 985 M8 5.6             |     |      |      |
| 47   | 24813500.47 | 1    | O-Ring                         |     |      |      |
| 48   | 24813500.48 | 8    | Washer                         |     |      |      |
| 49   | 24813500.49 | 8    | Screw                          |     |      |      |
| 56   | 24850011    | 1    | Plug,oil drain                 |     |      |      |
| 58   | 24850005    | 1    | Plate, IDENTIFICATION          |     |      |      |
| 88   | 24813500.88 | 4    | Screw                          |     |      |      |



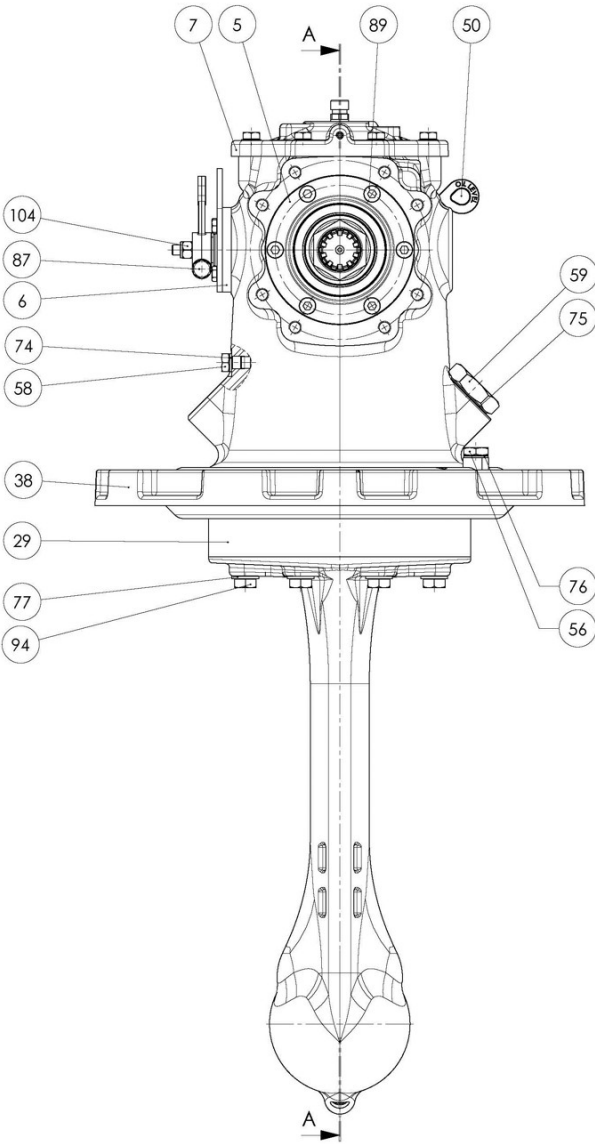
## D\_5037\_6 Sheet 1/4 SP60 S.Drive V2

| Fig. | Ref.           | Qty. | Descr.                   | Obs | From       | UpTo       |
|------|----------------|------|--------------------------|-----|------------|------------|
| 1    | 24813500.38    | 1    | Bracket Control          |     | 27/09/2016 |            |
| 2    | 24813500.95    | 1    | Bracket                  |     | 27/09/2016 |            |
| 3    | 24813500.59    | 1    | Body                     |     | 27/09/2016 | 11/05/2020 |
| 4    | 24813500.13.1  | 1    | Body                     |     | 27/09/2016 |            |
| 5    | 24813500.14    | 1    | Body                     |     | 27/09/2016 |            |
| 7    | 24813500.104.1 | 1    | Body                     |     | 27/09/2016 |            |
| 17   | 24813500.94    | 1    | Spacer                   |     | 27/09/2016 |            |
| 25   | 24813500.73    | 1    | Propeller Shaft          |     | 27/09/2016 |            |
| 28   | 24813500.78    | 1    | Body                     |     | 27/09/2016 |            |
| 31   | 24813500.96    | 1    | Flexible                 |     | 27/09/2016 |            |
| 34   | 24810424       | 1    | Lever                    |     | 27/09/2016 |            |
| 38   | 24813500.50    | 1    | Flange CLOSING MEMBRANE  |     | 27/09/2016 |            |
| 40   | 24813500.116   | 1    | Zinc Anode               |     | 27/09/2016 |            |
| 41   | 24810065       | 1    | Plug                     |     | 27/09/2016 | 20/05/2020 |
| 41   | T4589038       | 1    | Vent Plug 3/8" Gas       |     | 20/05/2020 |            |
| 54   | 24813500.123   | 1    | Screw                    |     | 27/09/2016 |            |
| 74   | 24810063       | 1    | Plane Washer             |     | 27/09/2016 | 20/05/2020 |
| 77   | 24813500.126   | 8    | Washer                   |     | 27/09/2016 |            |
| 79   | 53033010       | 6    | Washer GROWER DIN 127-10 |     |            |            |
| 80   | 24850093       | 12   | Washer                   |     | 27/09/2016 |            |
| 82   | 24813500.26    | 6    | Washer                   |     | 27/09/2016 |            |
| 88   | 52102259       | 12   | Bolt DIN 933 M8-30 8.8   |     |            |            |
| 89   | 52103259       | 6    | Bolt DIN 912 M8-30 8.8   |     |            |            |
| 90   | 52102309       | 6    | Bolt DIN 933 M10-30 8.8  |     |            |            |



D\_5037\_7 Sheet 2/4 SP60 S.Drive V2

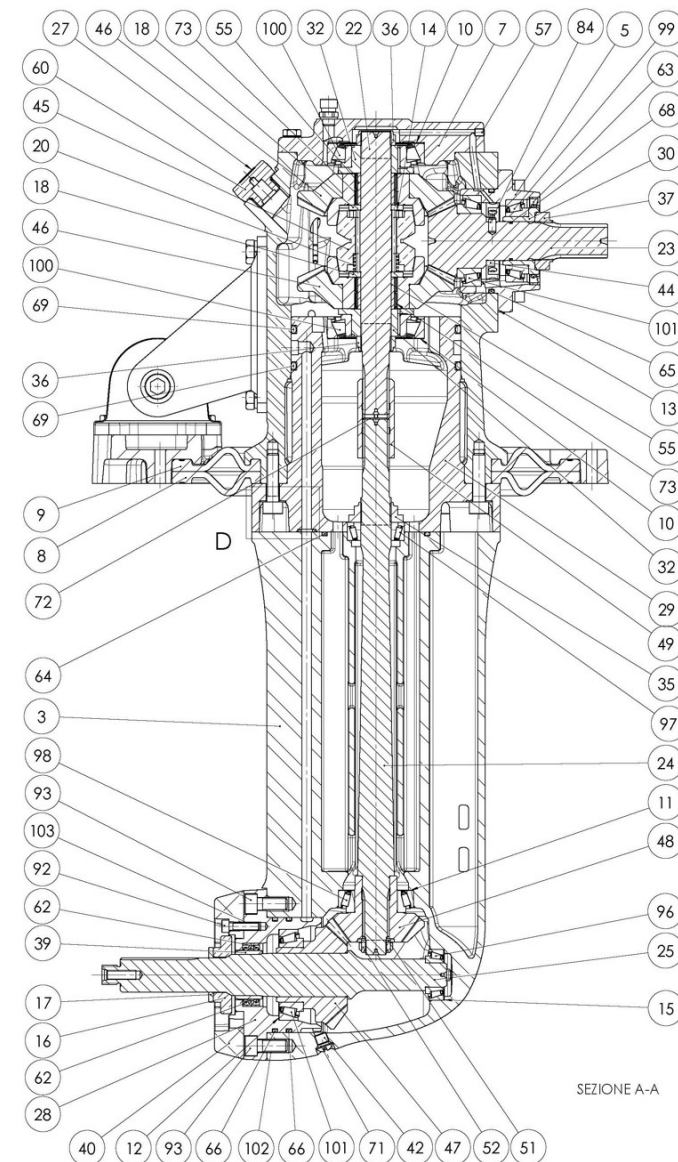
| Fig. | Ref.         | Qty. | Descr.                 | Obs | From       | UpTo |
|------|--------------|------|------------------------|-----|------------|------|
| 6    | 24813500.28  | 1    | Body Control           |     | 27/09/2016 |      |
| 29   | 24813500.45  | 1    | Cover                  |     | 27/09/2016 |      |
| 50   | 24813500.121 | 1    | Gauge Oil Level        |     | 27/09/2016 |      |
| 56   | 24813500.124 | 1    | Plug                   |     | 27/09/2016 |      |
| 58   | 24850011     | 1    | Plug,oil drain         |     | 27/09/2016 |      |
| 59   | 24813500.93  | 1    | Plug                   |     | 27/09/2016 |      |
| 75   | 24830035     | 1    | Washer                 |     | 27/09/2016 |      |
| 76   | 24810522     | 1    | Washer                 |     | 27/09/2016 |      |
| 87   | 52102258     | 1    | Bolt DIN 933 M8-25 8.8 |     |            |      |
| 94   | 24813500.72  | 8    | Screw                  |     | 27/09/2016 |      |
| 104  | 24813500.131 | 1    | Nut                    |     | 27/09/2016 |      |





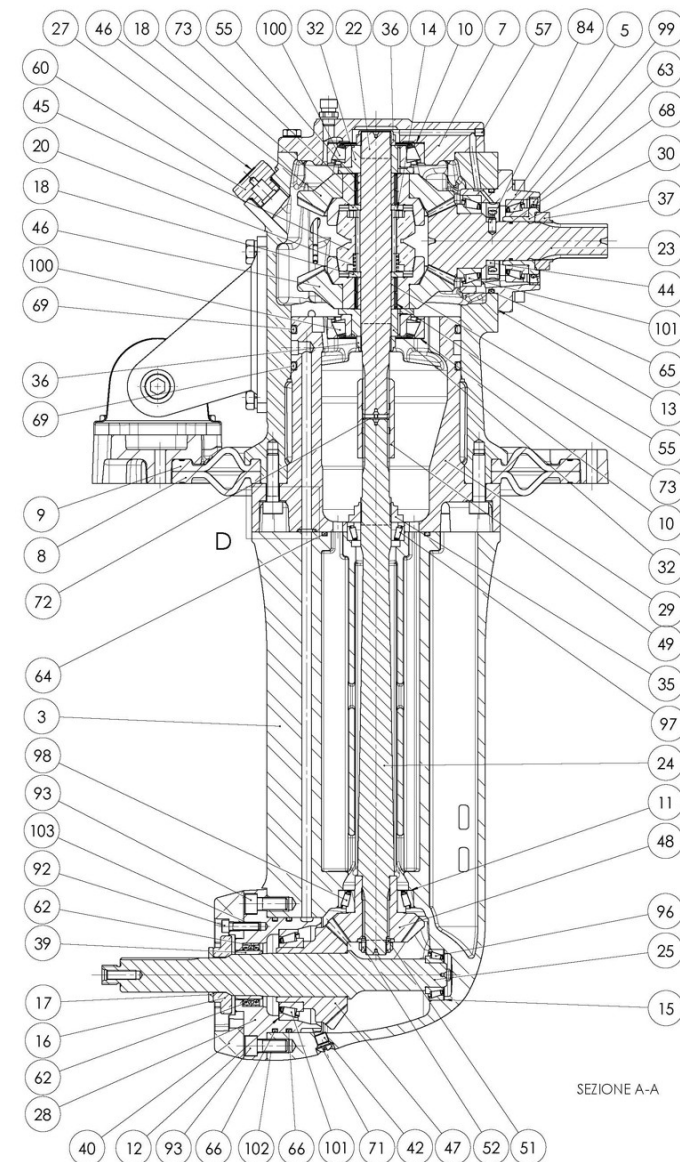
D\_5037\_8 Sheet 3/4 SP60 S.Drive V2

| Fig. | Ref.         | Qty. | Descr.          | Obs | From       | UpTo |
|------|--------------|------|-----------------|-----|------------|------|
| 8    | 24813500.42  | 1    | Gasket          |     | 27/09/2016 |      |
| 9    | 24813500.41  | 1    | Gasket          |     | 27/09/2016 |      |
| 10   | 24810333     | 6    | Spacer          |     | 27/09/2016 |      |
| 11   | 24813500.67  | 2    | Spacer          |     | 27/09/2016 |      |
| 12   | 24850108     | 2    | Shim Adjusting  |     | 27/09/2016 |      |
| 13   | 24813500.15  | 2    | Spacer          |     | 27/09/2016 |      |
| 14   | 24813500.03  | 4    | Spacer          |     |            |      |
| 15   | 24813500.81  | 3    | Spacer          |     | 27/09/2016 |      |
| 16   | 24813500.85  | 1    | Spacer          |     | 27/09/2016 |      |
| 18   | 24860217     | 2    | Spacer          |     | 27/09/2016 |      |
| 20   | 24813500.12  | 1    | Spring          |     | 27/09/2016 |      |
| 22   | 24813500.114 | 1    | Shaft, Output   |     | 27/09/2016 |      |
| 23   | 24813500.17  | 1    | Shaft           |     | 27/09/2016 |      |
| 24   | 24813500.60  | 1    | Shaft           |     | 27/09/2016 |      |
| 27   | 24860006     | 1    | ATF Oil Plate   |     | 27/09/2016 |      |
| 30   | 24813500.23  | 1    | Cover           |     | 27/09/2016 |      |
| 32   | 24813500.115 | 2    | Bearing Support |     | 27/09/2016 |      |
| 35   | 24813500.61  | 1    | Ring            |     | 27/09/2016 |      |
| 36   | 24813500.09  | 2    | Nut             |     | 27/09/2016 |      |
| 37   | 24813500.24  | 1    | Nut             |     | 27/09/2016 |      |
| 39   | 24813500.76  | 1    | Bushing         |     | 27/09/2016 |      |
| 42   | 24813500.87  | 1    | Plug,oil drain  |     | 27/09/2016 |      |
| 44   | 24813500.21  | 1    | Impeller        |     | 27/09/2016 |      |
| 45   | 24813500.02  | 1    | Cone Clutch     |     | 27/09/2016 |      |
| 46   | 24813500.117 | 2    | Gear            |     | 27/09/2016 |      |
| 47   | 24813500.118 | 1    | Gear            |     | 27/09/2016 |      |
| 48   | 24813500.119 | 1    | Pinion          |     | 27/09/2016 |      |
| 49   | 24813500.63  | 1    | Guide           |     |            |      |
| 51   | 24813500.69  | 2    | Washer          |     |            |      |
| 52   | 24813500.70  | 1    | Nut             |     | 27/09/2016 |      |
| 55   | 24813500.05  | 2    | Ring,Bearing    |     | 27/09/2016 |      |



## D\_5037\_8 Sheet 3/4 SP60 S.Drive V2

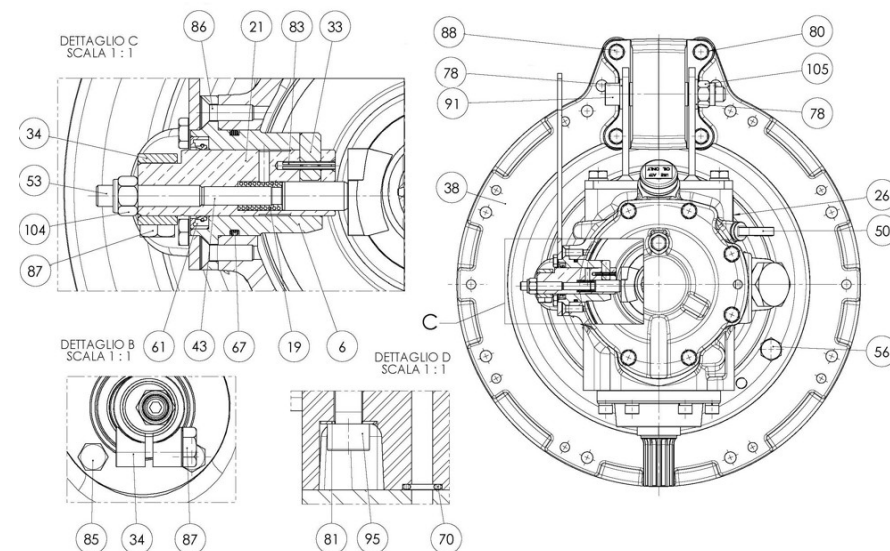
| Fig. | Ref.          | Qty. | Descr.                         | Obs | From       | UpTo |
|------|---------------|------|--------------------------------|-----|------------|------|
| 57   | 24810326      | 1    | Plug                           |     | 27/09/2016 |      |
| 60   | 24813500.125  | 1    | Plug                           |     | 27/09/2016 |      |
| 62   | 24813500.79   | 2    | Oil Seal                       |     | 27/09/2016 |      |
| 63   | 24813500.25   | 1    | Oil Seal                       |     | 27/09/2016 |      |
| 64   | 24813500.65   | 1    | O-Ring                         |     | 27/09/2016 |      |
| 65   | 24813500.16   | 1    | O-Ring                         |     | 27/09/2016 |      |
| 66   | 24813500.80   | 2    | O-Ring D. 90X3,5               |     | 27/09/2016 |      |
| 68   | 24813500.18   | 1    | O-Ring                         |     | 27/09/2016 |      |
| 69   | 24813500.46   | 2    | O-Ring                         |     | 27/09/2016 |      |
| 71   | 24813500.86.1 | 1    | O-Ring                         |     | 27/09/2016 |      |
| 72   | 24813500.64   | 1    | CIRClip                        |     | 27/09/2016 |      |
| 73   | 24813500.06   | 4    | Bearing, needle                |     | 27/09/2016 |      |
| 84   | 24813500.128  | 1    | Pin                            |     | 27/09/2016 |      |
| 92   | 24813500.91   | 3    | Screw                          |     | 27/09/2016 |      |
| 93   | 24813500.83   | 2    | Screw                          |     | 27/09/2016 |      |
| 96   | 24813500.82   | 1    | Bearing                        |     | 27/09/2016 |      |
| 97   | 24860206      | 1    | Conical Roller Bearing 32005   |     | 27/09/2016 |      |
| 98   | 24813500.66   | 1    | Bearing                        |     | 27/09/2016 |      |
| 99   | 24813500.22   | 1    | Bearing                        |     | 27/09/2016 |      |
| 100  | 24813500.10   | 2    | Bearing                        |     | 27/09/2016 |      |
| 101  | 24850104      | 2    | Conical Roller Bearing 32009-X |     | 27/09/2016 |      |
| 102  | 24813500.77   | 2    | HELICOil                       |     | 27/09/2016 |      |
| 103  | 24813500.90   | 3    | HELICOil                       |     |            |      |



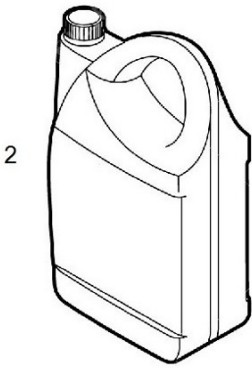
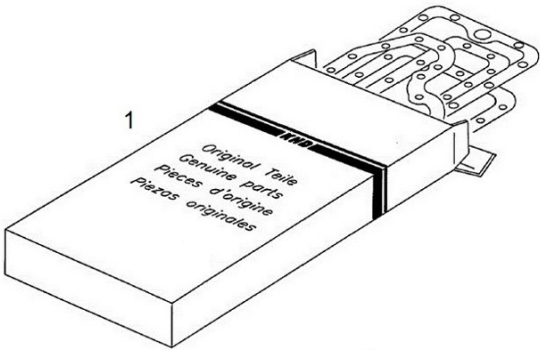


## D\_5037\_9 Sheet 4/4 SP60 S.Drive V2

| Fig. | Ref.        | Qty. | Descr.                 | Obs | From       | UpTo |
|------|-------------|------|------------------------|-----|------------|------|
| 19   | 24860411    | 1    | Spring                 |     | 27/09/2016 |      |
| 21   | 24860402    | 1    | Shaft                  |     | 27/09/2016 |      |
| 26   | 24850005    | 1    | Plate, IDENTIFICATION  |     | 27/09/2016 |      |
| 33   | 24860419    | 1    | Pin                    |     | 27/09/2016 |      |
| 43   | 24860423    | 1    | PAD                    |     | 27/09/2016 |      |
| 53   | 24860409    | 1    | Screw                  |     | 27/09/2016 |      |
| 61   | 24860404    | 1    | Oil Seal               |     | 27/09/2016 |      |
| 67   | 24860417    | 1    | O-Ring                 |     | 27/09/2016 |      |
| 70   | 24813500.47 | 1    | O-Ring                 |     | 27/09/2016 |      |
| 78   | 51030014    | 2    | Washer DIN 125-14      |     |            |      |
| 81   | 24813500.48 | 8    | Washer                 |     |            |      |
| 83   | 53052210    | 1    | Pin DIN 1481 3-20      |     |            |      |
| 85   | 52102154    | 4    | Bolt DIN 933 M6-10 8.8 |     |            |      |
| 86   | 24813500.88 | 4    | Screw                  |     |            |      |
| 91   | 24813500.98 | 1    | Bolt                   |     | 27/09/2016 |      |
| 95   | 24813500.49 | 8    | Screw                  |     | 27/09/2016 |      |
| 105  | 24813500.99 | 1    | Nut                    |     | 27/09/2016 |      |

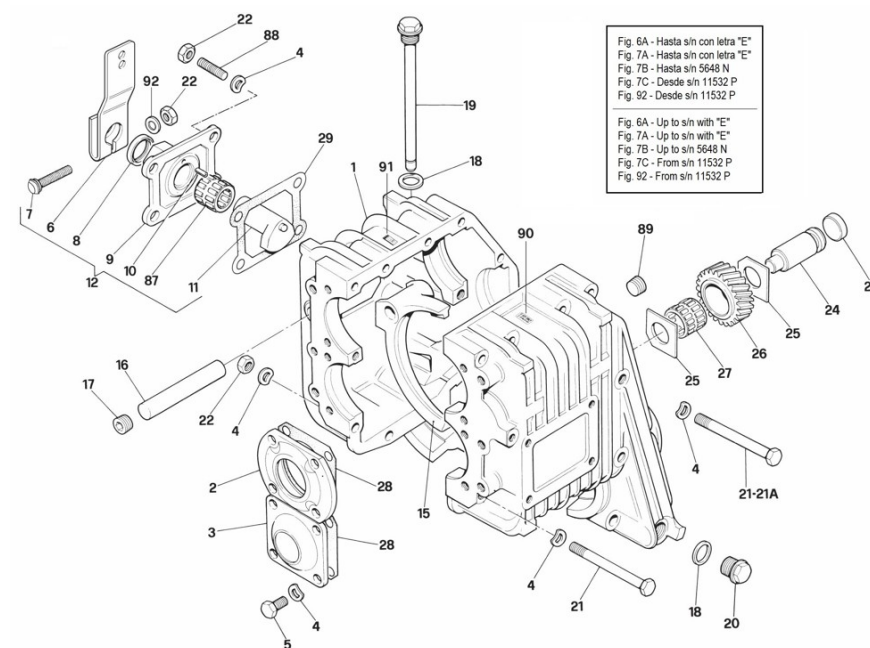


| D_5037_5 |             | Maintenance Kit |                                   |                                                                                   |      |      |
|----------|-------------|-----------------|-----------------------------------|-----------------------------------------------------------------------------------|------|------|
| Fig.     | Ref.        | Qty.            | Descr.                            | Obs                                                                               | From | UpTo |
| 1        | 24813401    | 1               | Kit Gasket                        |                                                                                   |      |      |
| 2        | A0201000    | 3               | ATF Sole Diesel Oil 1L            |                                                                                   |      |      |
| NS       | 24813500.84 | 1               | Anode SP60 (Saltwater)            |  |      |      |
| NS       | T2050044    | 1               | Aluminum Anode (Fresh Water) SP60 |  |      |      |



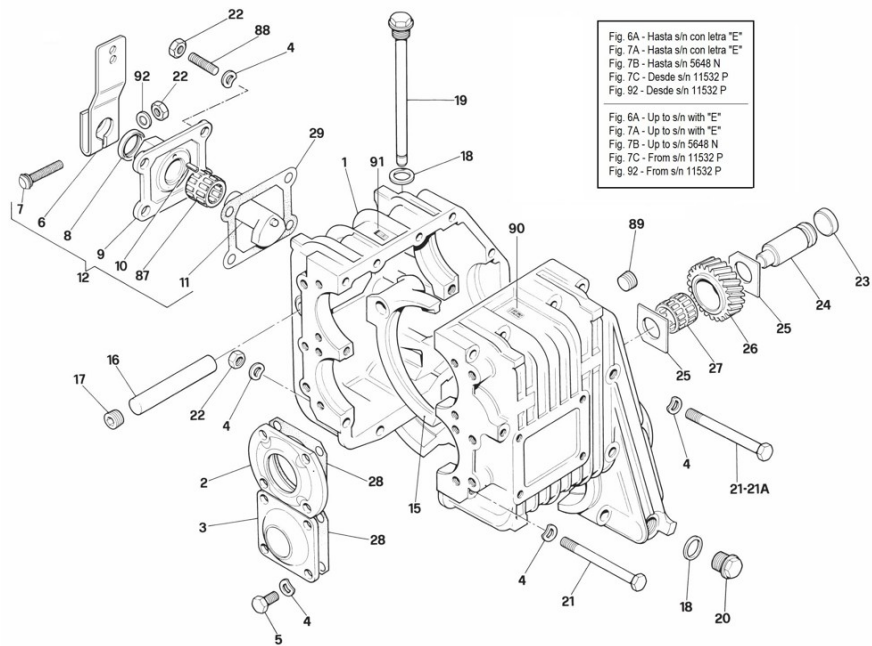
D\_50Z2\_1 Sheet 1/2

| Fig. | Ref.     | Qty. | Descr.                  | Obs | From | UpTo |
|------|----------|------|-------------------------|-----|------|------|
| 1    | 24610030 | 1    | Housing Assy            |     |      |      |
| 2    | 24610031 | 1    | Cover                   |     |      |      |
| 3    | 24610032 | 1    | Cover                   |     |      |      |
| 4    | 24610033 | 37   | Spring Washer           |     |      |      |
| 5    | 24610034 | 8    | Hex Screw               |     |      |      |
| 6A   | 24610401 | 1    | Actuating Lever         |     |      |      |
| 6B   | 24610402 | 1    | Actuating Lever         |     |      |      |
| 7A   | 24610403 | 1    | Hex Head Screw          |     |      |      |
| 7B   | 24610404 | 1    | Cap Screw M8X40         |     |      |      |
| 7C   | 24610405 | 1    | Screw (Actuating Lever) |     |      |      |
| 8    | 24610406 | 1    | Shaft Seal Ring         |     |      |      |
| 9    | 24610407 | 1    | Cover                   |     |      |      |
| 10   | 24610408 | 1    | Dowel Pin               |     |      |      |
| 11   | 24610409 | 1    | Actuating Cam Assembly  |     |      |      |
| 12   | 24610400 | 1    | Shift Cover Assembly    |     |      |      |
| 15   | 24610411 | 1    | Shift Fork              |     |      |      |
| 16   | 24610035 | 1    | Shift Rod               |     |      |      |
| 17   | 24610036 | 1    | Plug                    |     |      |      |
| 18   | 24610037 | 1    | Sealing Ring            |     |      |      |
| 19   | 24610038 | 1    | Dipstick                |     |      |      |
| 20   | 24610039 | 1    | Oil Drain Plug          |     |      |      |
| 21   | 24610040 | 14   | Hex Screw               |     |      |      |
| 22   | 24610041 | 16   | Hex Nut                 |     |      |      |
| 23   | 24610042 | 1    | Plug                    |     |      |      |
| 24   | 24610301 | 1    | Intermediate Shaft      |     |      |      |
| 25   | 24610302 | 2    | Disc                    |     |      |      |
| 26   | 24610303 | 1    | Intermediate Gear       |     |      |      |
| 27   | 24610304 | 1    | Needle Bearing          |     |      |      |
| 28   | 24610043 | 2    | Gasket                  |     |      |      |
| 29   | 24610412 | 1    | Gasket (or Loctite 518) |     |      |      |
| 87   | 24610410 | 2    | Needle Bearing          |     |      |      |



| D_50Z2_1 |      | Sheet 1/2 |        |     |      |      |
|----------|------|-----------|--------|-----|------|------|
| Fig.     | Ref. | Qty.      | Descr. | Obs | From | UpTo |

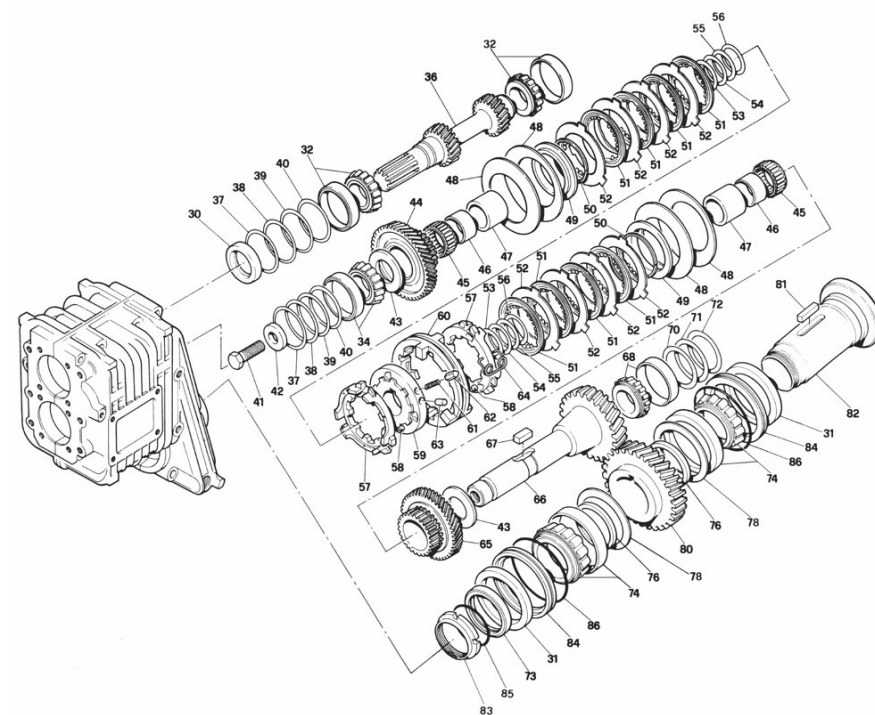
|    |          |   |                |  |  |  |
|----|----------|---|----------------|--|--|--|
| 88 | 24610044 | 4 | Stud           |  |  |  |
| 89 | 24610045 | 4 | Plug           |  |  |  |
| 90 | 24610046 | 1 | Name Plate     |  |  |  |
| 91 | 24610047 | 1 | Oil Name Plate |  |  |  |
| 92 | 24610413 | 1 | Washer         |  |  |  |



D\_50Z2\_2

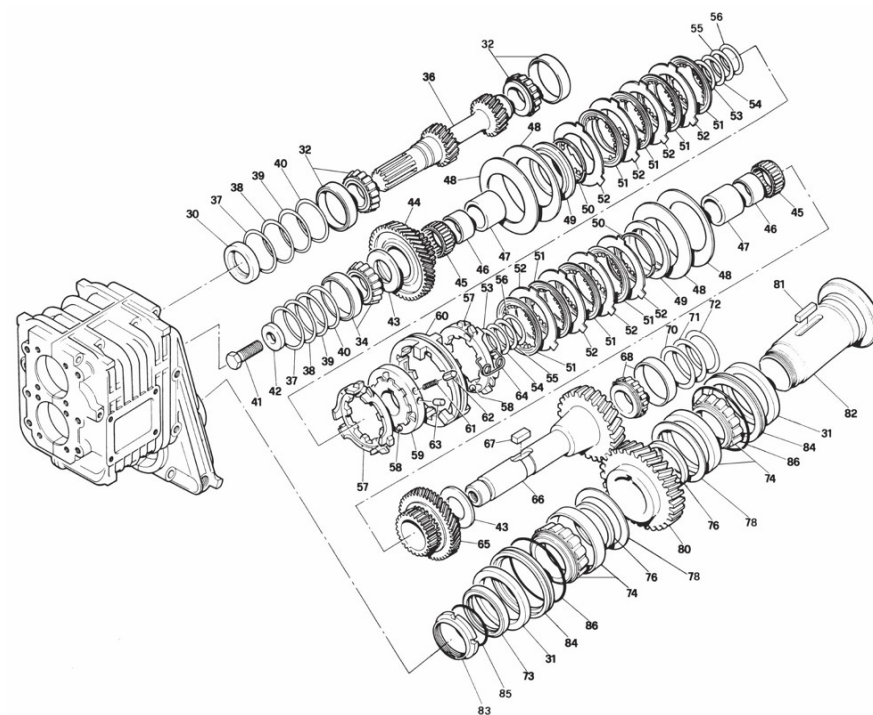
Sheet 2/2

| Fig. | Ref.     | Qty. | Descr.                                  | Obs | From | UpTo |
|------|----------|------|-----------------------------------------|-----|------|------|
| 30   | 24613430 | 1    | Input Shaft Seal                        |     |      |      |
| 31   | 24613431 | 2    | Output Shaft Seal                       |     |      |      |
| 32   | 24610102 | 2    | Tapered Roller Bearing                  |     |      |      |
| 34   | 24610305 | 1    | Tapered Roller Bearing                  |     |      |      |
| 36A  | 24610103 | 1    | Input Shaft Hbw 150 V 1.8R Z1/Z3=27/22  |     |      |      |
| 36B  | 24610104 | 1    | Input Shaft Zf 15 Miv 2.13R Z1/Z3=24/22 |     |      |      |
| 36C  | 24610105 | 1    | Input Shaft Zf 15 Miv 2.72R Z1/Z3=18/22 |     |      |      |
| 36D  | 24610106 | 1    | Input Shaft Zf 15 Miv 2.99R Z1/Z3=19/22 |     |      |      |
| 37   | 24610107 | 2    | Shim 0.10 mm                            |     |      |      |
| 38A  | 24610108 | 2    | Shim 0.15 mm                            |     |      |      |
| 38B  | 24610109 | 2    | Shim 0.20 mm                            |     |      |      |
| 38C  | 24610110 | 2    | Shim 0.30 mm                            |     |      |      |
| 39   | 24610111 | 2    | Shim 0.50 mm                            |     |      |      |
| 40   | 24610112 | 2    | Shim 1.00 mm                            |     |      |      |
| 41   | 24610307 | 1    | Hex Head Screw                          |     |      |      |
| 42   | 24610308 | 1    | Spacer                                  |     |      |      |
| 43   | 24610309 | 2    | Thrust Ring                             |     |      |      |
| 44A  | 24610310 | 1    | Gear Hbw 150 V - 1.8R «08» Z2=42        |     |      |      |
| 44B  | 24610311 | 1    | Gear Zf 15 Miv - 2.13R «001» Z2=45      |     |      |      |
| 44C  | 24610312 | 1    | Gear Zf 15 Miv - 2.72R «003» Z2=43      |     |      |      |
| 44D  | 24610313 | 1    | Gear Zf 15 Miv - 2.99R «002» Z2=50      |     |      |      |
| 45   | 24610314 | 2    | Needle Bearing                          |     |      |      |
| 46   | 24610315 | 2    | Needle Bearing                          |     |      |      |
| 47   | 24610316 | 2    | Spacer                                  |     |      |      |
| 48   | 24610317 | 4    | Spring                                  |     |      |      |
| 49   | 24610318 | 2    | Disc                                    |     |      |      |
| 50   | 24610319 | 4    | Ring Half                               |     |      |      |
| 51   | 24610320 | 8    | Internal Clutch Disc                    |     |      |      |
| 52   | 24610321 | 8    | External Clutch Disc                    |     |      |      |
| 53A  | 24610322 | 2    | Shim 0.3 mm                             |     |      |      |
| 53B  | 24610323 | 2    | Shim 0.4 mm                             |     |      |      |



D\_50Z2\_2 Sheet 2/2

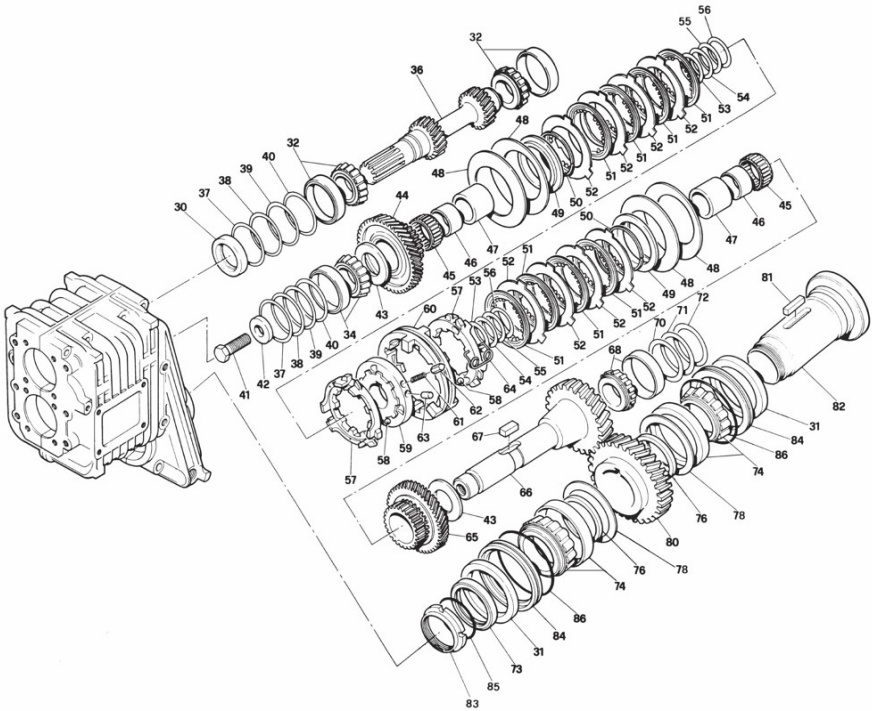
| Fig. | Ref.     | Qty. | Descr.                   | Obs | From | UpTo |
|------|----------|------|--------------------------|-----|------|------|
| 54   | 24610324 | 2    | Shim 0.5 mm              |     |      |      |
| 55   | 24610325 | 2    | Shim 0.6 mm              |     |      |      |
| 56   | 24610326 | 2    | Shim 0.7 mm              |     |      |      |
| 57   | 24610327 | 2    | Disc Carrier             |     |      |      |
| 58   | 24610328 | 6    | Ball                     |     |      |      |
| 59   | 24610329 | 1    | Guide Sleeve             |     |      |      |
| 60   | 24610330 | 1    | Change Selector          |     |      |      |
| 61   | 24610331 | 3    | Pressure Spring          |     |      |      |
| 62   | 24610332 | 3    | Stop Pin                 |     |      |      |
| 63   | 24610333 | 3    | Guide Pin                |     |      |      |
| 64   | 24610334 | 3    | Torsion Spring           |     |      |      |
| 65   | 24610335 | 1    | Gear Z5=43               |     |      |      |
| 66   | 24610336 | 1    | Intermediate Shaft Z6=29 |     |      |      |
| 67   | 24610337 | 2    | Cotter                   |     |      |      |
| 68   | 24610338 | 1    | Tapered Roller Bearing   |     |      |      |
| 70   | 24610339 | 2    | Shim 0.1 mm              |     |      |      |
| 71   | 24610340 | 1    | Shim 0.3 mm              |     |      |      |
| 72   | 24610341 | 1    | Shim 0.5 mm              |     |      |      |
| 73   | 24610202 | 1    | Ring                     |     |      |      |
| 74   | 24610203 | 2    | Tapered Roller Bearing   |     |      |      |
| 76   | 24610204 | 2    | Spacer Ring              |     |      |      |
| 78A  | 24610205 | 2    | Shim 1.1 mm              |     |      |      |
| 78B  | 24610206 | 2    | Shim 1.2 mm              |     |      |      |
| 78C  | 24610207 | 2    | Shim 1.3 mm              |     |      |      |
| 78D  | 24610208 | 2    | Shim 1.4 mm              |     |      |      |
| 78E  | 24610209 | 2    | Shim 1.5 mm              |     |      |      |
| 78F  | 24610210 | 2    | Shim 1.6 mm              |     |      |      |
| 78G  | 24610211 | 2    | Shim 1.7 mm              |     |      |      |
| 78H  | 24610212 | 2    | Shim 1.8 mm              |     |      |      |
| 78I  | 24610213 | 2    | Shim 1.9 mm              |     |      |      |
| 78J  | 24610214 | 2    | Shim 2.0 mm              |     |      |      |





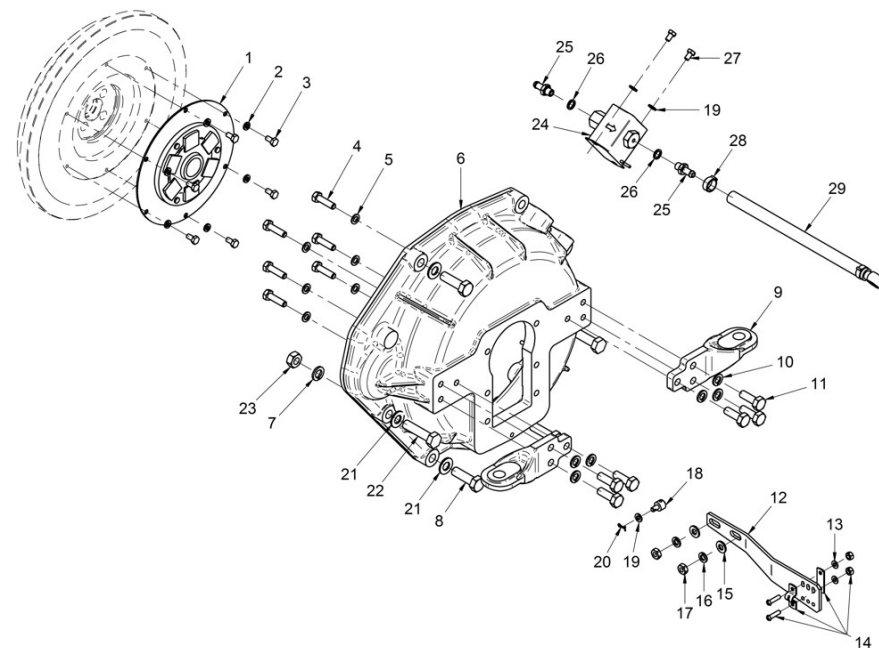
D\_50Z2\_2 Sheet 2/2

| Fig. | Ref.     | Qty. | Descr.       | Obs | From | UpTo |
|------|----------|------|--------------|-----|------|------|
| 78K  | 24610215 | 2    | Shim 2.1 mm  |     |      |      |
| 78L  | 24610216 | 2    | Shim 2.2 mm  |     |      |      |
| 78M  | 24610217 | 2    | Shim 2.3 mm  |     |      |      |
| 78N  | 24610218 | 2    | Shim 2.4 mm  |     |      |      |
| 80   | 24610219 | 1    | Gear Z=33    |     |      |      |
| 81   | 24610220 | 1    | Key          |     |      |      |
| 82   | 24610221 | 1    | Output Shaft |     |      |      |
| 83   | 24610222 | 1    | Ring Nut     |     |      |      |
| 84   | 24610223 | 2    | Ring         |     |      |      |
| 85   | 24610224 | 1    | O-Ring       |     |      |      |
| 86   | 24610225 | 2    | O-Ring       |     |      |      |

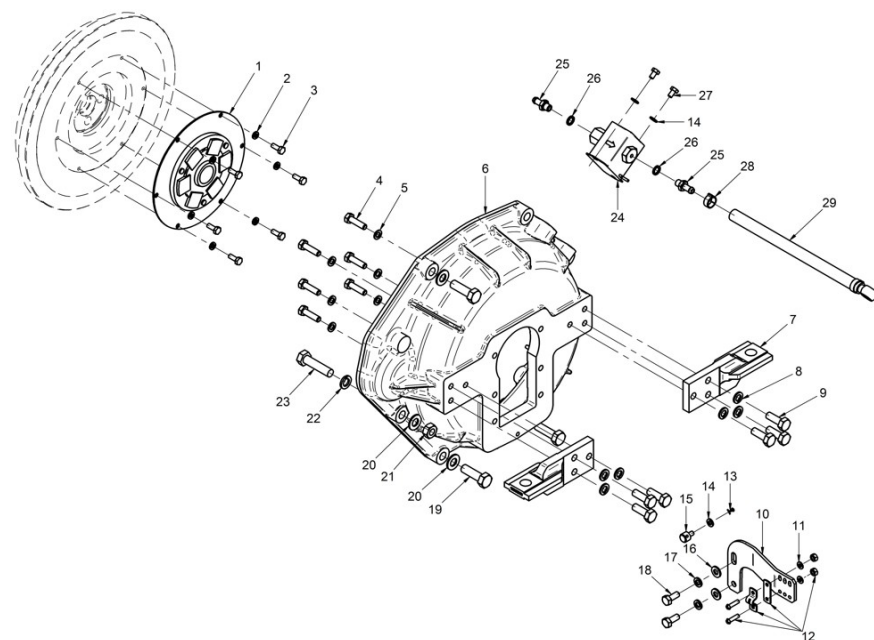




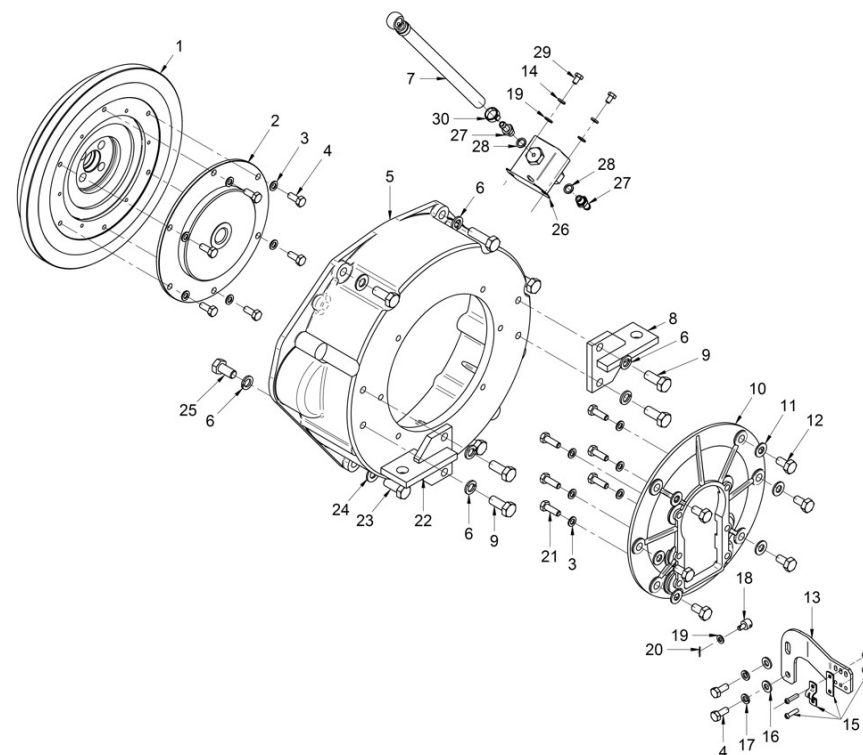
| 17210242 |          | Kit GearBox TMC-40 |                                          |     |      |      |
|----------|----------|--------------------|------------------------------------------|-----|------|------|
| Fig.     | Ref.     | Qty.               | Descr.                                   | Obs | From | UpTo |
| 1        | 17310070 | 1                  | Flexible Coupling Type A D. 185          |     |      |      |
| 2        | 53033006 | 6                  | Washer GROWER DIN 127-6                  |     |      |      |
| 3        | 52102155 | 6                  | Bolt DIN 933 M6-12 8.8                   |     |      |      |
| 4        | 52101259 | 6                  | Bolt DIN 931 M8-30 8.8                   |     |      |      |
| 5        | 53038008 | 6                  | Washer DIN 6798-A 8                      |     |      |      |
| 6        | 17210009 | 1                  | Bell Housing,GearBox                     |     |      |      |
| 7        | 53033012 | 2                  | Washer Grower DIN 127-12                 |     |      |      |
| 8        | 52202361 | 3                  | Bolt DIN 933 M12-1,25-40 8.8             |     |      |      |
| 9        | 17210026 | 2                  | Rear Bracket                             |     |      |      |
| 10       | 53033010 | 6                  | Washer GROWER DIN 127-10                 |     |      |      |
| 11       | 52102309 | 6                  | Bolt DIN 933 M10-30 8.8                  |     |      |      |
| 12       | 24810901 | 1                  | Bracket, GearBox Control                 |     |      |      |
| 13       | 51030005 | 2                  | Washer DIN 125-5                         |     |      |      |
| 14       | 24810913 | 1                  | Clamp,CABLE                              |     |      |      |
| 15       | 51030008 | 2                  | Washer DIN 125-8                         |     |      |      |
| 16       | 53033008 | 2                  | Washer GROWER DIN 127-8                  |     |      |      |
| 17       | 52120008 | 2                  | Nut DIN 934 M8 8.8                       |     |      |      |
| 18       | 14719115 | 1                  | Coupling,cable                           |     |      |      |
| 19       | 51030006 | 3                  | Washer DIN 125-6                         |     |      |      |
| 20       | 51051107 | 1                  | Pin DIN-94 1,6-16                        |     |      |      |
| 21       | 53038012 | 5                  | Washer DIN 6798-A 12                     |     |      |      |
| 22       | 52101363 | 2                  | Bolt DIN 931 M12-50 8.8                  |     |      |      |
| 23       | 52120012 | 2                  | Nut DIN 934 M12 8.8                      |     |      |      |
| 24       | 13814070 | 1                  | Electric Fuel Feed Pump 12V              |     |      |      |
| 25       | 13814072 | 2                  | Straight Hose Connector 1/8" NPTF        |     |      |      |
| 26       | 57000361 | 2                  | Washer 10-14-1,5                         |     |      |      |
| 27       | 52102154 | 2                  | Bolt DIN 933 M6-10 8.8                   |     |      |      |
| 28       | 51086015 | 1                  | One Ear Clamp With Interior Ring 13-15,3 |     |      |      |
| 29       | 13814012 | 1                  | Pipe                                     |     |      |      |
| NS       | 58088283 | 2                  | Pastic Cable Zip Tie                     |     |      |      |
| NS       | 60900126 | 1                  | TERMINAL                                 |     |      |      |



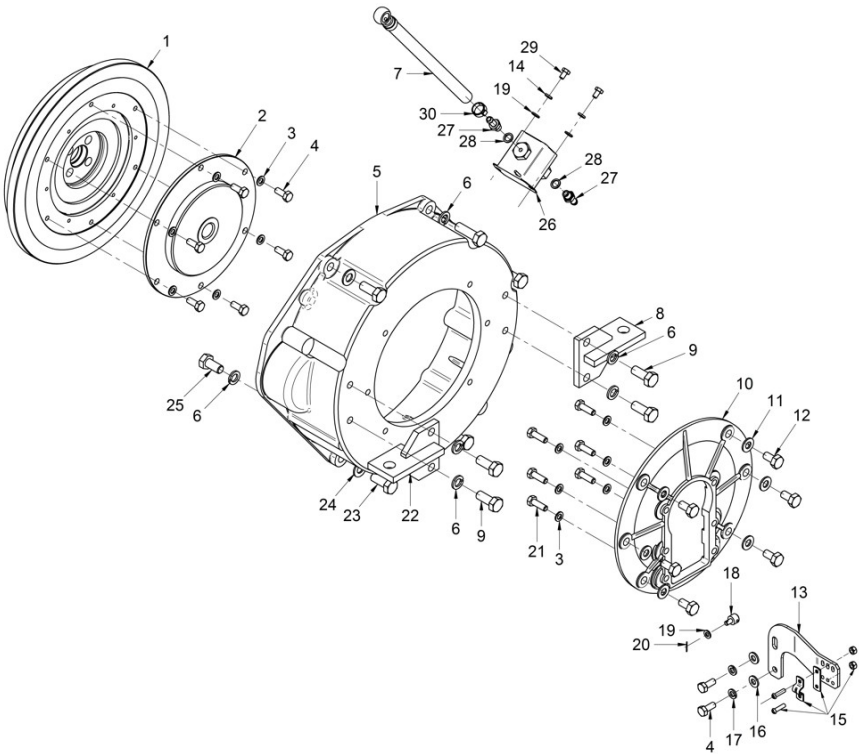
| 17210241 Kit GearBox TMC-60/60A |          |      |                                          |     |      |      |
|---------------------------------|----------|------|------------------------------------------|-----|------|------|
| Fig.                            | Ref.     | Qty. | Descr.                                   | Obs | From | UpTo |
| 1                               | 17310070 | 1    | Flexible Coupling Type A D. 185          |     |      |      |
| 2                               | 53033006 | 6    | Washer GROWER DIN 127-6                  |     |      |      |
| 3                               | 52102156 | 6    | Bolt DIN 933 M6-16 8.8                   |     |      |      |
| 4                               | 52101259 | 6    | Bolt DIN 931 M8-30 8.8                   |     |      |      |
| 5                               | 53038008 | 6    | Washer DIN 6798-A 8                      |     |      |      |
| 6                               | 17210009 | 1    | Bell Housing,GearBox                     |     |      |      |
| 7                               | 17210026 | 2    | Rear Bracket                             |     |      |      |
| 8                               | 53033010 | 6    | Washer GROWER DIN 127-10                 |     |      |      |
| 9                               | 52102309 | 6    | Bolt DIN 933 M10-30 8.8                  |     |      |      |
| 10                              | 24880901 | 1    | Bracket, GearBox Control                 |     |      |      |
| 11                              | 51030005 | 2    | Washer DIN 125-5                         |     |      |      |
| 12                              | 24810913 | 1    | Clamp,CABLE                              |     |      |      |
| 13                              | 51051107 | 1    | Pin DIN-94 1,6-16                        |     |      |      |
| 14                              | 51030006 | 5    | Washer DIN 125-6                         |     |      |      |
| 15                              | 14719115 | 1    | Coupling,cable                           |     |      |      |
| 16                              | 51030008 | 2    | Washer DIN 125-8                         |     |      |      |
| 17                              | 53033008 | 2    | Washer GROWER DIN 127-8                  |     |      |      |
| 18                              | 52102257 | 2    | Bolt DIN 933 M8-20 8.8                   |     |      |      |
| 19                              | 52202361 | 3    | Bolt DIN 933 M12-1,25-40 8.8             |     |      |      |
| 20                              | 53038012 | 5    | Washer DIN 6798-A 12                     |     |      |      |
| 21                              | 52120012 | 2    | Nut DIN 934 M12 8.8                      |     |      |      |
| 22                              | 53033012 | 2    | Washer Grower DIN 127-12                 |     |      |      |
| 23                              | 52101363 | 2    | Bolt DIN 931 M12-50 8.8                  |     |      |      |
| 24                              | 13814070 | 1    | Electric Fuel Feed Pump 12V              |     |      |      |
| 25                              | 13814072 | 2    | Straight Hose Connector 1/8" NPTF        |     |      |      |
| 26                              | 57000361 | 2    | Washer 10-14-1,5                         |     |      |      |
| 27                              | 52102154 | 2    | Bolt DIN 933 M6-10 8.8                   |     |      |      |
| 28                              | 51086015 | 1    | One Ear Clamp With Interior Ring 13-15,3 |     |      |      |
| 29                              | 13814012 | 1    | Pipe                                     |     |      |      |
| NS                              | 58088283 | 2    | Pastic Cable Zip Tie                     |     |      |      |
| NS                              | 60900126 | 1    | TERMINAL                                 |     |      |      |



| 17210244 Kit GearBox TMC-260 |            |      |                                    |     |            |
|------------------------------|------------|------|------------------------------------|-----|------------|
| Fig.                         | Ref.       | Qty. | Descr.                             | Obs | From UpTo  |
| 1                            | 17222027   | -1   | Flywheel SUB Assy                  |     |            |
| 1                            | 17222027.1 | 1    | Flywheel                           |     |            |
| 2                            | 17210071   | 1    | Flexible Coupling Type B SAE 6"1/2 |     |            |
| 3                            | 53038008   | 12   | Washer DIN 6798-A 8                |     |            |
| 4                            | 52102257   | 8    | Bolt DIN 933 M8-20 8.8             |     |            |
| 5                            | 13410018   | 1    | SAE 7,adaptor flange               |     |            |
| 6                            | 53033012   | 6    | Washer Grower DIN 127-12           |     |            |
| 7                            | 13814012   | 1    | Pipe                               |     | 27/03/2018 |
| 7                            | 13814017.5 | 1    | Fuel Pump Hose                     |     | 28/03/2018 |
| 8                            | 17010003   | 1    | Bracket                            |     |            |
| 9                            | 52102359   | 4    | Bolt DIN 933 M12-30 8.8            |     |            |
| 10                           | 24890021   | 1    | SAE 7 - BW housing coupling TMC    |     |            |
| 11                           | 53038010   | 6    | Washer DIN 6798-A 10               |     |            |
| 12                           | 52102307   | 6    | Bolt DIN 933 M10-20 8.8            |     |            |
| 13                           | 24880901   | 1    | Bracket, GearBox Control           |     |            |
| 14                           | 53033006   | 2    | Washer GROWER DIN 127-6            |     |            |
| 15                           | 24810913   | 1    | Clamp,CABLE                        |     |            |
| 16                           | 51030008   | 2    | Washer DIN 125-8                   |     |            |
| 17                           | 53033008   | 2    | Washer GROWER DIN 127-8            |     |            |
| 18                           | 14719115   | 1    | Coupling,cable                     |     |            |
| 19                           | 51030006   | 5    | Washer DIN 125-6                   |     |            |
| 20                           | 51051107   | 1    | Pin DIN-94 1,6-16                  |     |            |
| 21                           | 52102258   | 6    | Bolt DIN 933 M8-25 8.8             |     |            |
| 22                           | 17010004   | 1    | Bracket                            |     |            |
| 23                           | 52202359   | 3    | Bolt DIN 933 M12-1,25-30 8.8       |     |            |
| 24                           | 53038012   | 5    | Washer DIN 6798-A 12               |     |            |
| 25                           | 52102358   | 2    | Bolt DIN 933 M12-25 8.8            |     |            |
| 26                           | 13814070   | 1    | Electric Fuel Feed Pump 12V        |     |            |
| 27                           | 13814072   | 2    | Straight Hose Connector 1/8" NPTF  |     |            |
| 28                           | 57000361   | 2    | Washer 10-14-1,5                   |     |            |
| 29                           | 52102154   | 2    | Bolt DIN 933 M6-10 8.8             |     |            |

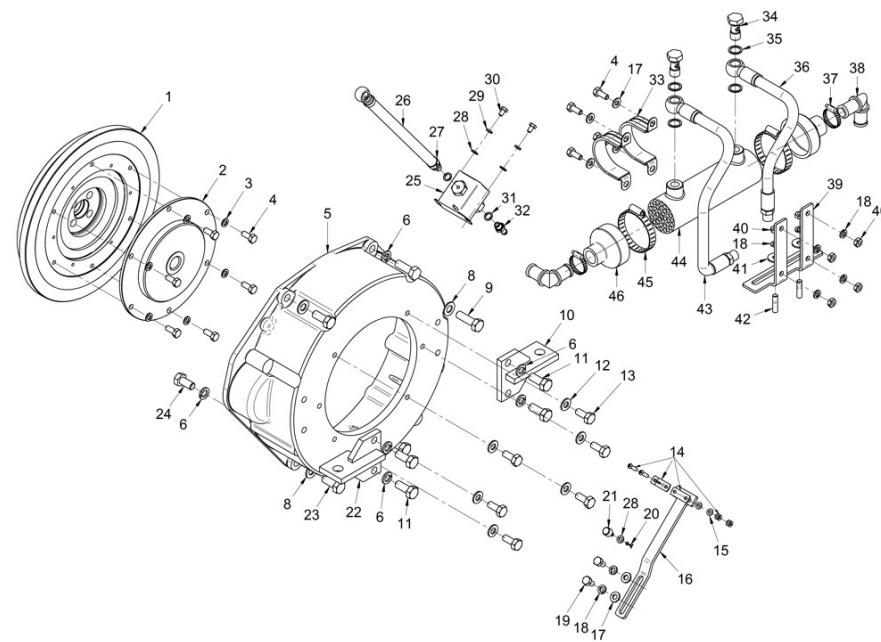


| 17210244 Kit GearBox TMC-260 |          |      |                                          |                                                                                   |           |
|------------------------------|----------|------|------------------------------------------|-----------------------------------------------------------------------------------|-----------|
| Fig.                         | Ref.     | Qty. | Descr.                                   | Obs                                                                               | From UpTo |
| 30                           | 51086015 | 1    | One Ear Clamp With Interior Ring 13-15,3 |                                                                                   |           |
| NS                           | 58088283 | 2    | Pastic Cable Zip Tie                     |  |           |
| NS                           | 60900126 | 1    | TERMINAL                                 |  |           |



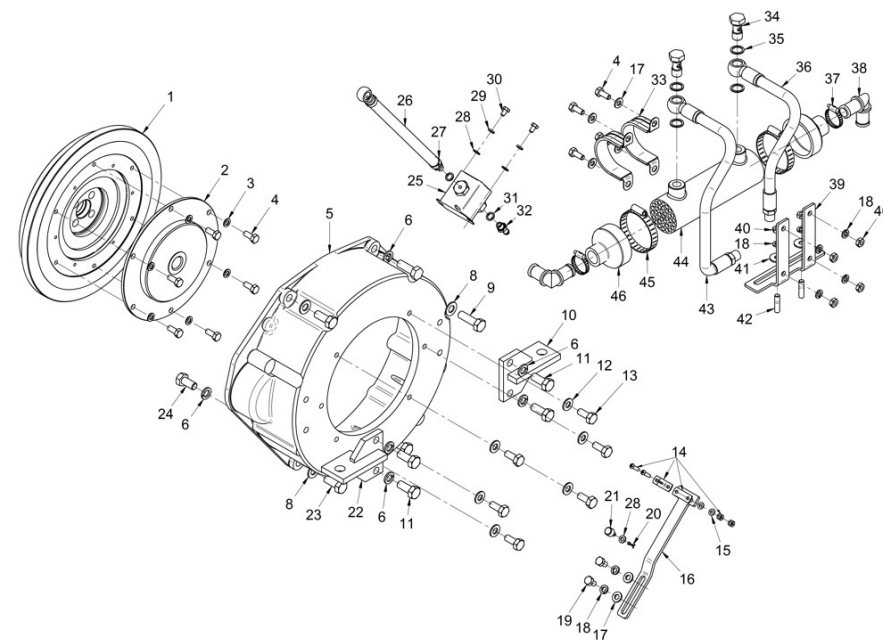
**17210211 Kit GearBox TM-345/A**

| Fig. | Ref.       | Qty. | Descr.                                   | Obs | From       | UpTo       |
|------|------------|------|------------------------------------------|-----|------------|------------|
| 1    | 17222027.1 | 1    | Flywheel                                 |     |            |            |
| 2    | 17210071   | 1    | Flexible Coupling Type B SAE 6"1/2       |     |            |            |
| 3    | 53038008   | 6    | Washer DIN 6798-A 8                      |     |            |            |
| 4    | 52102257   | 10   | Bolt DIN 933 M8-20 8.8                   |     |            |            |
| 5    | 13410018   | 1    | SAE 7,adaptor flange                     |     |            |            |
| 6    | 53033012   | 8    | Washer Grower DIN 127-12                 |     |            |            |
| 8    | 53038012   | 4    | Washer DIN 6798-A 12                     |     |            |            |
| 10   | 17010003   | 1    | Bracket                                  |     |            |            |
| 11   | 52102359   | 4    | Bolt DIN 933 M12-30 8.8                  |     |            |            |
| 12   | 53038010   | 6    | Washer DIN 6798-A 10                     |     |            |            |
| 13   | 52102307   | 5    | Bolt DIN 933 M10-20 8.8                  |     |            |            |
| 14   | 24810913   | 1    | Clamp,CABLE                              |     |            |            |
| 15   | 51030005   | 2    | Washer DIN 125-5                         |     |            |            |
| 16   | 18619020   | 1    | Bracket,Gear box control                 |     |            |            |
| 17   | 51030008   | 6    | Washer DIN 125-8                         |     |            |            |
| 18   | 53033008   | 6    | Washer GROWER DIN 127-8                  |     |            |            |
| 19   | 52102256   | 2    | Bolt DIN 933 M8-16 8.8                   |     |            |            |
| 20   | 51051107   | 1    | Pin DIN-94 1,6-16                        |     |            |            |
| 21   | 14719115   | 1    | Coupling,cable                           |     |            |            |
| 22   | 17010004   | 1    | Bracket                                  |     |            |            |
| 23   | 52202359   | 3    | Bolt DIN 933 M12-1,25-30 8.8             |     |            |            |
| 24   | 52102358   | 2    | Bolt DIN 933 M12-25 8.8                  |     |            |            |
| 25   | 13814070   | 1    | Electric Fuel Feed Pump 12V              |     |            |            |
| 26   | 13814012   | 1    | Pipe                                     |     |            | 27/03/2018 |
| 26   | 13814017.5 | 1    | Fuel Pump Hose                           |     | 28/03/2018 |            |
| 27   | 51086015   | 1    | One Ear Clamp With Interior Ring 13-15,3 |     |            |            |
| 28   | 51030006   | 5    | Washer DIN 125-6                         |     |            |            |
| 29   | 53033006   | 2    | Washer GROWER DIN 127-6                  |     |            |            |
| 30   | 52102154   | 2    | Bolt DIN 933 M6-10 8.8                   |     |            |            |
| 31   | 57000361   | 2    | Washer 10-14-1,5                         |     |            |            |
| 32   | 13814072   | 2    | Straight Hose Connector 1/8" NPTF        |     |            |            |



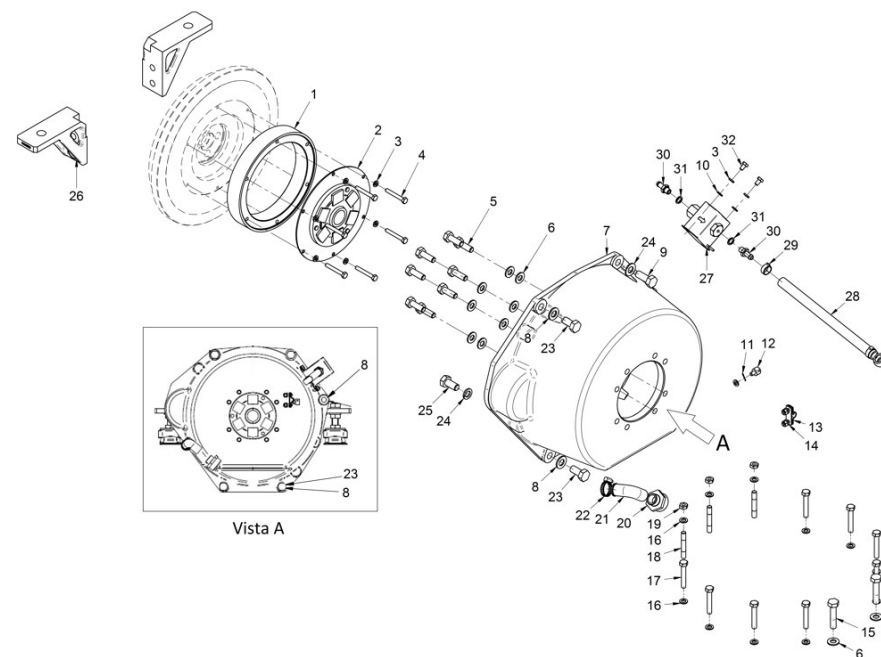
## 17210211 Kit GearBox TM-345/A

| Fig. | Ref.       | Qty. | Descr.                      | Obs                                                                               | From | UpTo |
|------|------------|------|-----------------------------|-----------------------------------------------------------------------------------|------|------|
| 33   | 59072604   | 2    | Clamp                       |                                                                                   |      |      |
| 34   | 14712015   | 2    | Bolt,Coupling pipe oil      |                                                                                   |      |      |
| 35   | 59031017   | 4    | Washer                      |                                                                                   |      |      |
| 37   | 54081020   | 8    | Clamp DIN 3017 20-32/9 W4   |                                                                                   |      |      |
| 38   | 19421058.1 | 2    | Elbow                       |                                                                                   |      |      |
| 39   | 18012041   | 1    | Bracket,TM93/170 oil cooler |                                                                                   |      |      |
| 40   | 52120008   | 6    | Nut DIN 934 M8 8.8          |                                                                                   |      |      |
| 41   | 51031008   | 2    | Washer DIN 9021 8           |                                                                                   |      |      |
| 42   | 12120018   | 2    | Stud                        |                                                                                   |      |      |
| 43   | 17012024   | 2    | Pipe                        |                                                                                   |      |      |
| 44   | 1A012051   | 1    | Cooler,oil                  |                                                                                   |      |      |
| 45   | 54082050   | 2    | Clamp DIN 3017 50-70/12 W4  |                                                                                   |      |      |
| 46   | 15212007   | 2    | Water Cooler Cover          |                                                                                   |      |      |
| NS   | 13211027   | 1    | Water Inlet Bend            |  |      |      |
| NS   | 13811002   | 1    | Water Cooler Cover          |  |      |      |
| NS   | 17011028   | 1    | Pipe                        |  |      |      |
| NS   | 17611017   | 3    | Rubber Elbow                |  |      |      |
| NS   | 58088283   | 2    | Pastic Cable Zip Tie        |  |      |      |
| NS   | 60900126   | 1    | TERMINAL                    |  |      |      |

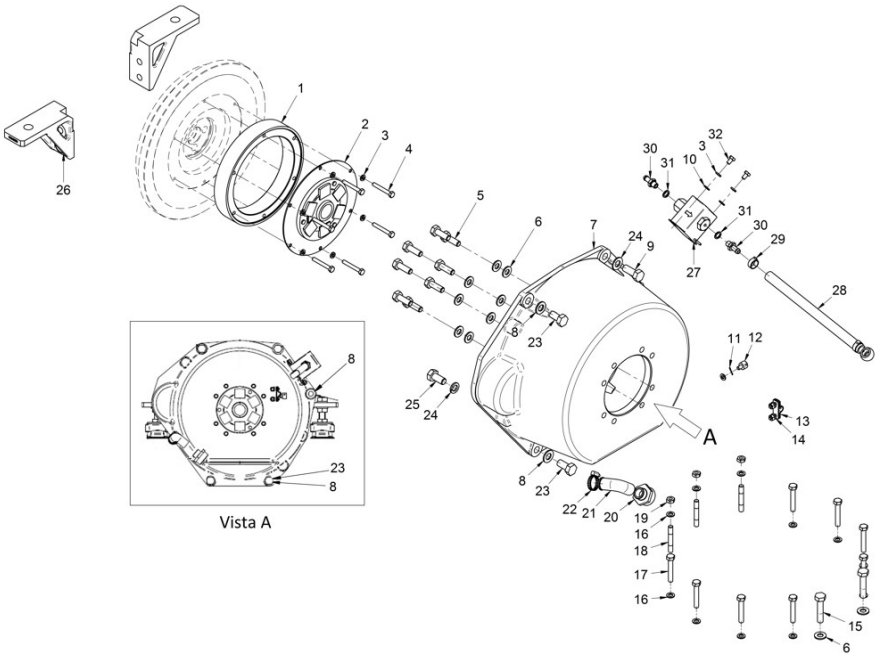




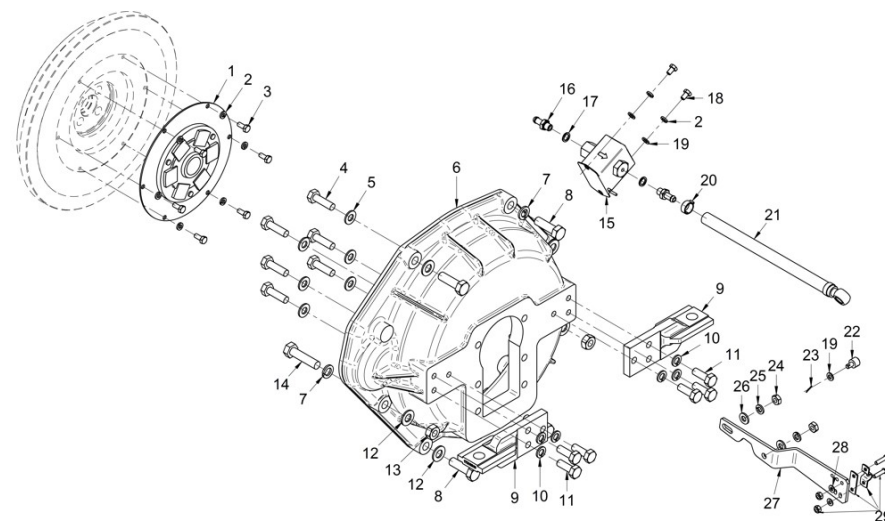
| 17232100T |            | Kit S-Drive TECHNO.SP60 |                                          |     |      |      |
|-----------|------------|-------------------------|------------------------------------------|-----|------|------|
| Fig.      | Ref.       | Qty.                    | Descr.                                   | Obs | From | UpTo |
| 0         | 17210028   | -2                      | Bracket, Front                           |     |      |      |
| 1         | 17210044   | 1                       | Suplement,Flywheel                       |     |      |      |
| 2         | 17310070   | 1                       | Flexible Coupling Type A D. 185          |     |      |      |
| 3         | 53033006   | 8                       | Washer GROWER DIN 127-6                  |     |      |      |
| 4         | 52101162   | 6                       | Bolt DIN 931 M6-45 8.8                   |     |      |      |
| 5         | 52102309   | 8                       | Bolt DIN 933 M10-30 8.8                  |     |      |      |
| 6         | 53038010   | 10                      | Washer DIN 6798-A 10                     |     |      |      |
| 7         | 17210013   | 1                       | Bell Housing                             |     |      |      |
| 8         | 53038012   | 4                       | Washer DIN 6798-A 12                     |     |      |      |
| 9         | 52202359   | 1                       | Bolt DIN 933 M12-1,25-30 8.8             |     |      |      |
| 10        | 51030006   | 2                       | Washer DIN 125-6                         |     |      |      |
| 11        | 51051107   | 1                       | Pin DIN-94 1,6-16                        |     |      |      |
| 12        | 14719115   | 1                       | Coupling,cable                           |     |      |      |
| 13        | 24810913   | 1                       | Clamp,CABLE                              |     |      |      |
| 14        | 51030005   | 2                       | Washer DIN 125-5                         |     |      |      |
| 15        | 52101313   | 2                       | Bolt DIN 931 M10-50 8.8                  |     |      |      |
| 16        | 53038008   | 11                      | Washer DIN 6798-A 8                      |     |      |      |
| 17        | 52101263   | 8                       | Bolt DIN 931 M8-50 8.8                   |     |      |      |
| 18        | 40019030   | 3                       | Stud                                     |     |      |      |
| 19        | 52120008   | 3                       | Nut DIN 934 M8 8.8                       |     |      |      |
| 20        | 17211036   | 1                       | Raccord                                  |     |      |      |
| 21        | 13211035   | 1                       | Exhaust Manifold Outlet Bend             |     |      |      |
| 22        | 54081020   | 2                       | Clamp DIN 3017 20-32/9 W4                |     |      |      |
| 23        | 52202358   | 3                       | Bolt DIN 933 M12-1,25-25 8.8             |     |      |      |
| 24        | 53033012   | 3                       | Washer Grower DIN 127-12                 |     |      |      |
| 25        | 52102358   | 2                       | Bolt DIN 933 M12-25 8.8                  |     |      |      |
| 26        | 17210005.1 | 2                       | Front Bracket                            |     |      |      |
| 27        | 13814070   | 1                       | Electric Fuel Feed Pump 12V              |     |      |      |
| 28        | 13814012   | 1                       | Pipe                                     |     |      |      |
| 29        | 51086015   | 1                       | One Ear Clamp With Interior Ring 13-15,3 |     |      |      |
| 30        | 13814072   | 2                       | Straight Hose Connector 1/8" NPTF        |     |      |      |



| 17232100T Kit S-Drive TECHNO.SP60 |           |      |                                 |                                                                                   |           |
|-----------------------------------|-----------|------|---------------------------------|-----------------------------------------------------------------------------------|-----------|
| Fig.                              | Ref.      | Qty. | Descr.                          | Obs                                                                               | From UpTo |
| 31                                | 57000361  | 2    | Washer 10-14-1,5                |                                                                                   |           |
| 32                                | 52102154  | 2    | Bolt DIN 933 M6-10 8.8          |                                                                                   |           |
| NS                                | 58088282  | 2    | Pastic Cable Zip Tie            |  |           |
| NS                                | 60121005  | 1    | Water Trainer 1/2"              |  |           |
| NS                                | 60900126  | 1    | TERMINAL                        |  |           |
| NS                                | M87501927 | 1.0  | Water Intake Hose (HQ) D. 19-27 |  |           |



| 17210230 Kit GearBox HURTH-150A,ZF 15M IV |          |      |                                          |     |           |
|-------------------------------------------|----------|------|------------------------------------------|-----|-----------|
| Fig.                                      | Ref.     | Qty. | Descr.                                   | Obs | From UpTo |
| 1                                         | 17310070 | 1    | Flexible Coupling Type A D. 185          |     |           |
| 2                                         | 53033006 | 10   | Washer GROWER DIN 127-6                  |     |           |
| 3                                         | 52102156 | 6    | Bolt DIN 933 M6-16 8.8                   |     |           |
| 4                                         | 52101310 | 6    | Bolt DIN 931 M10-35 8.8                  |     |           |
| 5                                         | 53038010 | 6    | Washer DIN 6798-A 10                     |     |           |
| 6                                         | 17210012 | 1    | Bell Housing,REV.HURTH 150V              |     |           |
| 7                                         | 53033012 | 3    | Washer Grower DIN 127-12                 |     |           |
| 8                                         | 52202361 | 3    | Bolt DIN 933 M12-1,25-40 8.8             |     |           |
| 9                                         | 17210026 | 2    | Rear Bracket                             |     |           |
| 10                                        | 53033010 | 6    | Washer GROWER DIN 127-10                 |     |           |
| 11                                        | 52102309 | 6    | Bolt DIN 933 M10-30 8.8                  |     |           |
| 12                                        | 53038012 | 5    | Washer DIN 6798-A 12                     |     |           |
| 13                                        | 52120012 | 2    | Nut DIN 934 M12 8.8                      |     |           |
| 14                                        | 52101363 | 2    | Bolt DIN 931 M12-50 8.8                  |     |           |
| 15                                        | 13814070 | 1    | Electric Fuel Feed Pump 12V              |     |           |
| 16                                        | 13814072 | 2    | Straight Hose Connector 1/8" NPTF        |     |           |
| 17                                        | 57000361 | 2    | Washer 10-14-1,5                         |     |           |
| 18                                        | 52102154 | 2    | Bolt DIN 933 M6-10 8.8                   |     |           |
| 19                                        | 51030006 | 6    | Washer DIN 125-6                         |     |           |
| 20                                        | 51086015 | 1    | One Ear Clamp With Interior Ring 13-15,3 |     |           |
| 21                                        | 13814012 | 1    | Pipe                                     |     |           |
| 22                                        | 14719115 | 1    | Coupling,cable                           |     |           |
| 23                                        | 51051107 | 1    | Pin DIN-94 1,6-16                        |     |           |
| 24                                        | 52120008 | 2    | Nut DIN 934 M8 8.8                       |     |           |
| 25                                        | 53033008 | 2    | Washer GROWER DIN 127-8                  |     |           |
| 26                                        | 51030008 | 2    | Washer DIN 125-8                         |     |           |
| 27                                        | 24610901 | 1    | Bracket, GearBox Control                 |     |           |
| 28                                        | 51030005 | 2    | Washer DIN 125-5                         |     |           |
| 29                                        | 24810913 | 1    | Clamp,CABLE                              |     |           |
| NS                                        | 58088283 | 2    | Pastic Cable Zip Tie                     |     |           |
| NS                                        | 58088284 | 1    | Pastic Cable Zip Tie                     |     |           |



| 17210230 Kit GearBox HURTH-150A,ZF 15M IV |          |      |          |                                                                                   |           |
|-------------------------------------------|----------|------|----------|-----------------------------------------------------------------------------------|-----------|
| Fig.                                      | Ref.     | Qty. | Descr.   | Obs                                                                               | From UpTo |
| NS                                        | 60900126 | 1    | TERMINAL |  |           |

