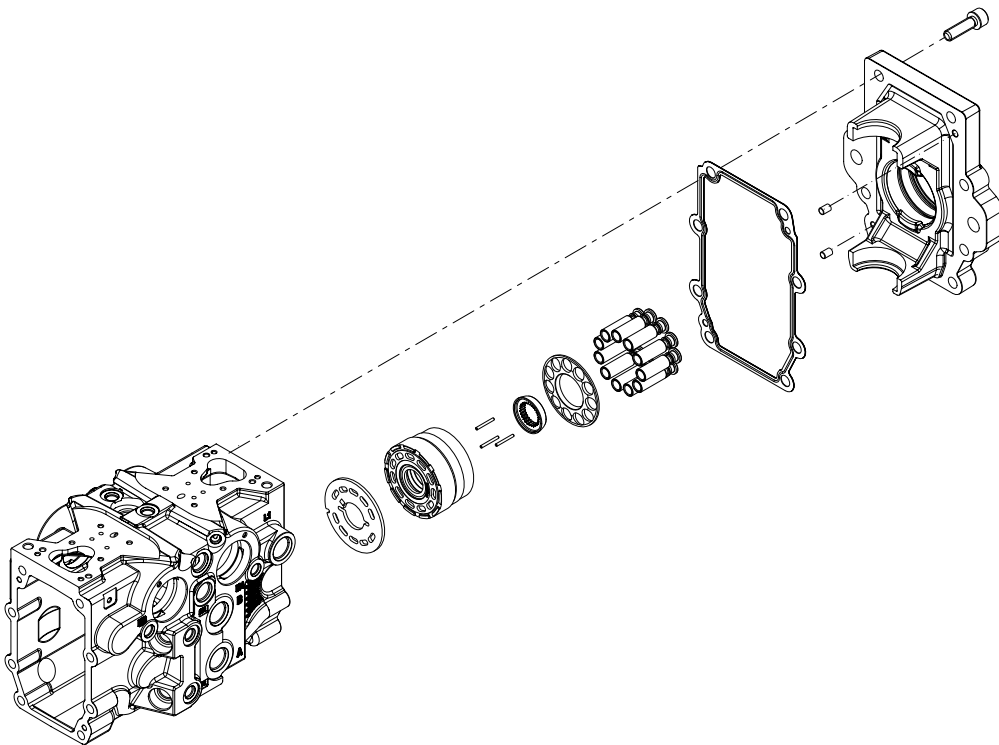


Parts Manual

# MP1T 028/032

## Axial Piston Tandem Pumps



## Revision history

*Table of revisions*

| Date        | Changed       | Rev  |
|-------------|---------------|------|
| August 2025 | First edition | 0101 |

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## General information

### Service parts identification

The following information and procedure is used to identify the module group, item number, manufacture date, part number, and part name of the parts included in the MP1 28 and 32cc variable displacement tandem pumps.

The parts listed include all parts which may be used when performing either "Minor Repairs", "Major Repairs" or "Conversions" on the MP1 tandem pump 28 and 32cc.

### Nameplate

Each unit will have a nameplate affixed to the housing. The nameplate of the MP1 tandem pump 28 and 32cc will include the following information:

#### Model code

The Danfoss model code completely defines the specific unit and must be used when ordering parts to service this product.

#### Model/material number

The Danfoss model number (also known as material number) is used by the factory in manufacturing. On repeat orders, a complete unit can be ordered by the model number.

#### Serial number

The Danfoss serial number is used to identify the manufacture date and the unit sequence in the build. The serial number is also used to identify the units warranty time period.

The letter code indicates the location of original manufacture (assembly).

The first number (2 digits) indicates the year of manufacture. The second number (2 digits) indicates the calendar week of manufacture.

The third number (5 digits) is a sequential number used to identify a specific unit.



## General information

### Date code

The date code is defined as the year and week of manufacture. The same item number may list more than one part number. This indicates that there is more than one configuration for that item number. You will see that there are different date codes for the different part numbers. Find the date code of your unit from the nameplate to determine which service part number you need to order.

*Example: The service part desired is item G30*

| Order Code | Item | Date Begin | Date End | Part Number | Part Name                    | Qty. per Model/Kit |
|------------|------|------------|----------|-------------|------------------------------|--------------------|
| 80         | G30  | 89-17      |          | 8000243     | End cap gasket               | 1                  |
|            | G30  |            | 89-16    | 8000151     | End cap gasket (SB-1995-006) | 1                  |

All units using this order code with a date code prior to 89-17 must use part number "8000151." All units with a date code of 89-17 and newer must use part number "8000243."

### About service bulletins

A Service Bulletin Number (SB-\_\_\_\_-\_\_\_\_) may follow the "Part Name" of the part you desire. You must read that Service Bulletin prior to ordering that part. The information contained in these Service Bulletins, as of the print date of this bulletin, are included at the end of this manual. Service Bulletins contain more detailed information such as interchangeability, what additional parts are involved, etc. It is suggested that you add additional Service Bulletins to this manual as you receive them.

### Procedure to identify a part

The modular design of this product results in a simplified service parts list and part number identification procedure.

The same item numbers are used for same part names on all units within a product type. A part number that has another number following it in parentheses is done to make this a world wide manual.

### Regional part numbers

Some part numbers are region specific and should be ordered accordingly.

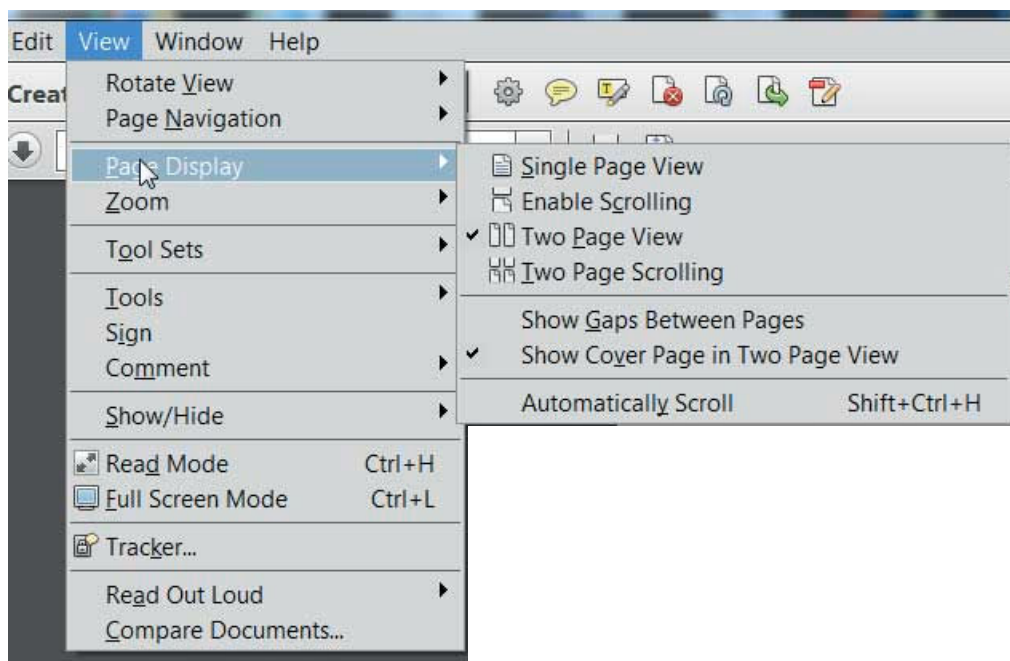
As an example, the part number (example: 314583 (9008000-0118)) will be used. The first number is sold in Germany. The number in parentheses is sold in the United States. Customers would order 9008000-0118 if ordering the part in the United States.

## General information

### Adobe Acrobat 2-page viewing

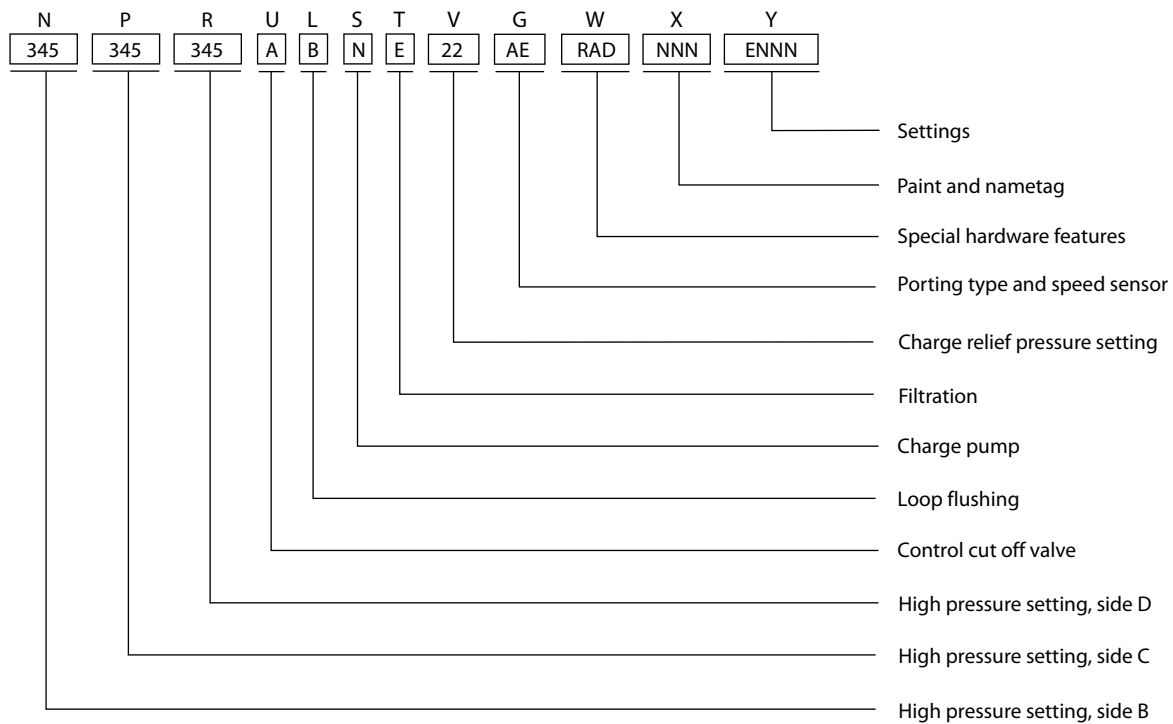
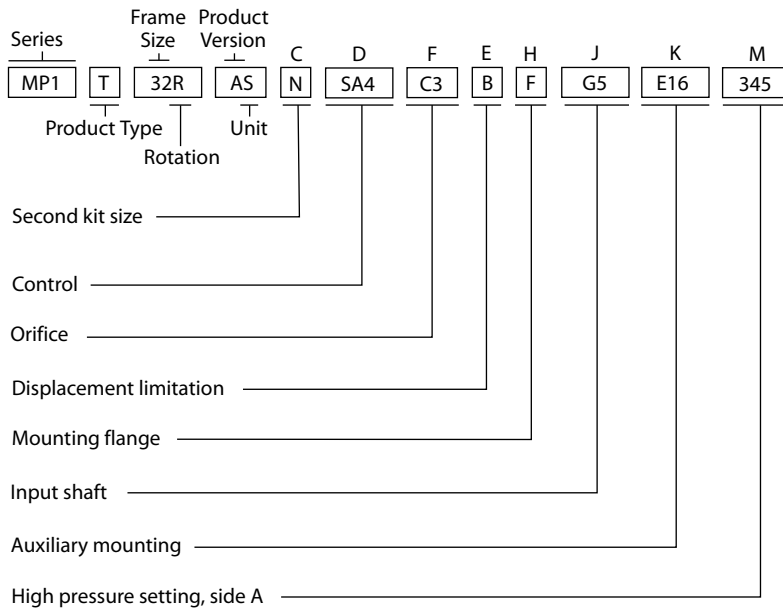
While viewing manual in Adobe Acrobat, the following settings need to be applied to ensure proper page display.

1. Select "View" → "Page Display" → "Two Page View"
2. Select "View" → "Page Display" → "Show Cover Page in Two Page View"



## General information

### Order code



P400973

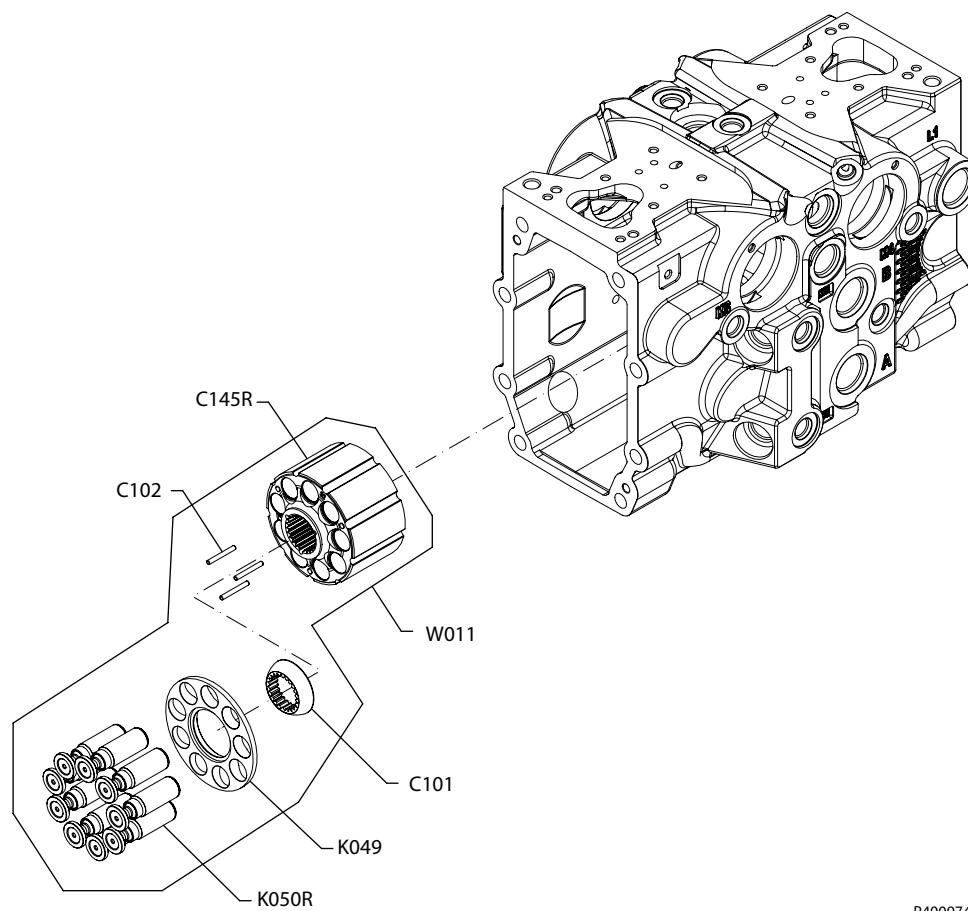
## **General information**

### **Notes**

## Second kit size

### MP1T second kit size N, A, B

#### Parts configuration



Generic housing used to show part location only.

## Second kit size

### Common parts

| Item | Date Begin | Date End | Part Number | Part Name              | Qty. per Model/Kit |
|------|------------|----------|-------------|------------------------|--------------------|
| C101 | 25-36      |          | 11151154    | Slipper retainer guide | 1                  |
| C102 | 25-36      |          | 11152764    | Slipper hold down pin  | 3                  |
| K049 | 25-36      |          | 11151155    | Slipper retainer       | 1                  |

### Order code: N (First and Second pump 28cc)

|       |       |  |          |                               |   |
|-------|-------|--|----------|-------------------------------|---|
| C145  | 25-36 |  | 11223883 | Cylinder block assembly, 28cc | 1 |
| K050R | 25-36 |  | 11166936 | Piston assembly, 28cc         | 9 |
| W011  | 25-36 |  | 11231515 | Cylinder block kit, 28cc      | 1 |

### Order code: N (First and Second pump 32cc)

|       |       |  |          |                               |   |
|-------|-------|--|----------|-------------------------------|---|
| C145  | 25-36 |  | 11223889 | Cylinder block assembly, 32cc | 1 |
| K050R | 25-36 |  | 11166934 | Piston assembly, 32cc         | 9 |
| W011  | 25-36 |  | 11231514 | Cylinder block kit, 32cc      | 1 |

### Order code: A (Second pump 28cc (Front pump 32cc))

|       |       |  |          |                               |   |
|-------|-------|--|----------|-------------------------------|---|
| C145  | 25-36 |  | 11223883 | Cylinder block assembly, 28cc | 1 |
| K050R | 25-36 |  | 11166936 | Piston assembly, 28cc         | 9 |
| W011  | 25-36 |  | 11231515 | Cylinder block kit, 28cc      | 1 |

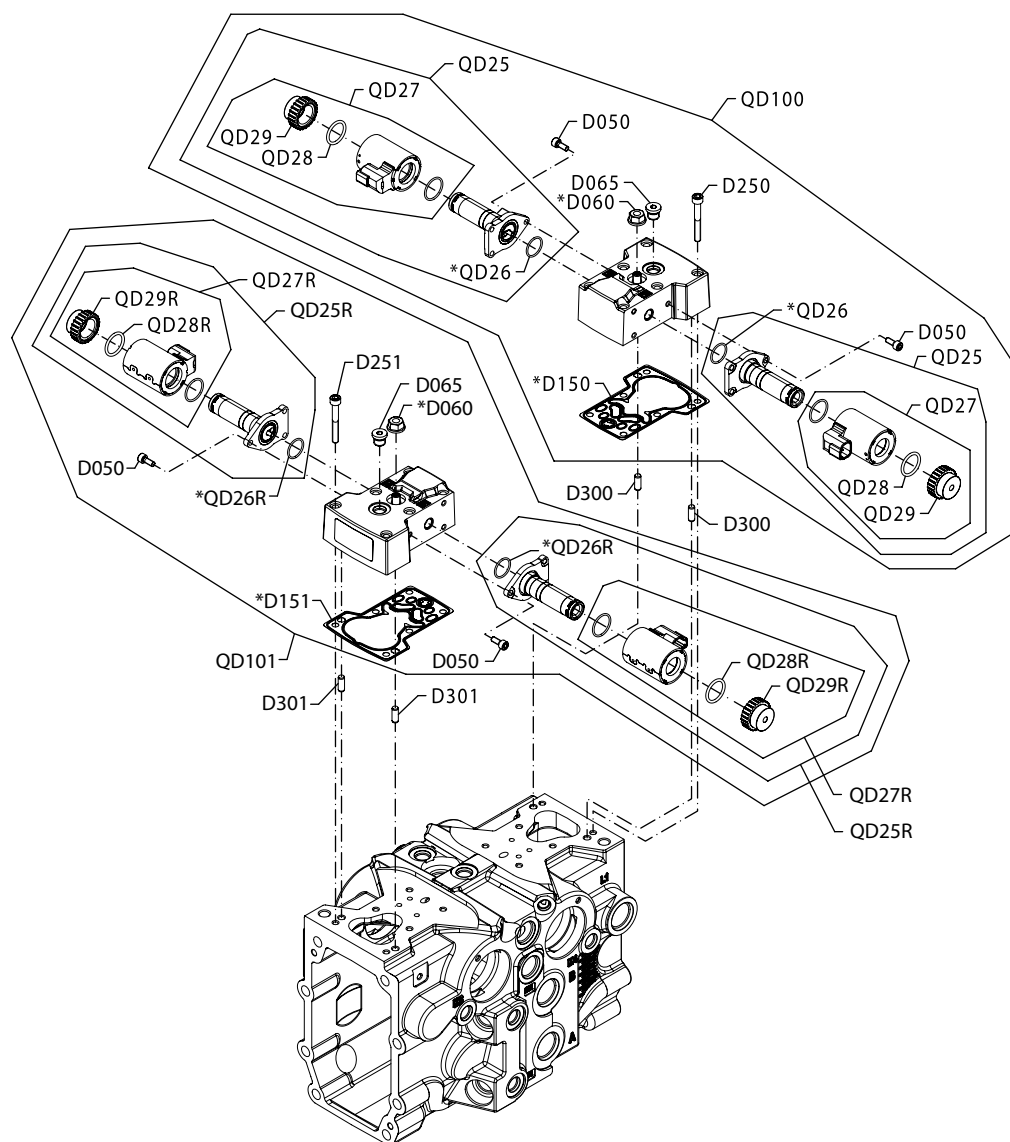
### Order code: B (Second pump 32cc (Front pump 28cc))

|       |       |  |          |                               |   |
|-------|-------|--|----------|-------------------------------|---|
| C145  | 25-36 |  | 11223889 | Cylinder block assembly, 32cc | 1 |
| K050R | 25-36 |  | 11166934 | Piston assembly, 32cc         | 9 |
| W011  | 25-36 |  | 11231514 | Cylinder block kit, 32cc      | 1 |

## Controls

### MP1T control SA2, SA3

#### Parts configuration



P400975

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number           | Part Name          | Qty. per Model/Kit |
|-------|------------|----------|-----------------------|--------------------|--------------------|
| D050  | 25-36      |          | 716860                | Screw, M5 x 12     | 12                 |
| D060  | 25-36      |          | 612291 (9003508-0008) | Seal nut, M8       | 2                  |
| D065  | 25-36      |          | 9005110-4400          | Plug assembly, SAE | 2                  |
| D150  | 25-36      |          | 11227209              | Control gasket     | 1                  |
| D151  | 25-36      |          | 11227209              | Control gasket     | 1                  |
| D250  | 25-36      |          | 505038                | Screw, M6 x 45     | 6                  |
| D251  | 25-36      |          | 505038                | Screw, M6 x 45     | 6                  |
| D300  | 25-36      |          | 310979                | Dowel pin          | 2                  |
| D301  | 25-36      |          | 310979                | Dowel pin          | 2                  |
| QD26  | 25-36      |          | 11001952              | O-ring             | 2                  |
| QD26R | 25-36      |          | 11001952              | O-ring             | 2                  |
| QD28  | 25-36      |          | 063172                | O-ring             | 2                  |
| QD28R | 25-36      |          | 063172                | O-ring             | 2                  |

### Order code: SA2

|        |       |  |          |                                  |   |
|--------|-------|--|----------|----------------------------------|---|
| QD25   | 25-36 |  | 11012457 | Proportional solenoid, 12v       | 2 |
| QD25R  | 25-36 |  | 11012457 | Proportional solenoid, 12v       | 2 |
| QD27   | 25-36 |  | 11028018 | Coil kit, 12v, DEUTSCH connector | 2 |
| QD27R  | 25-36 |  | 11028018 | Coil kit, 12v, DEUTSCH connector | 2 |
| QD29   | 25-36 |  | 11027046 | Coil nut                         | 2 |
| QD29R  | 25-36 |  | 11027046 | Coil nut                         | 2 |
| QD100  | 25-36 |  | 11019680 | EDC kit, 12V                     | 1 |
| QD100R | 25-36 |  | 11019680 | EDC kit, 12V                     | 1 |

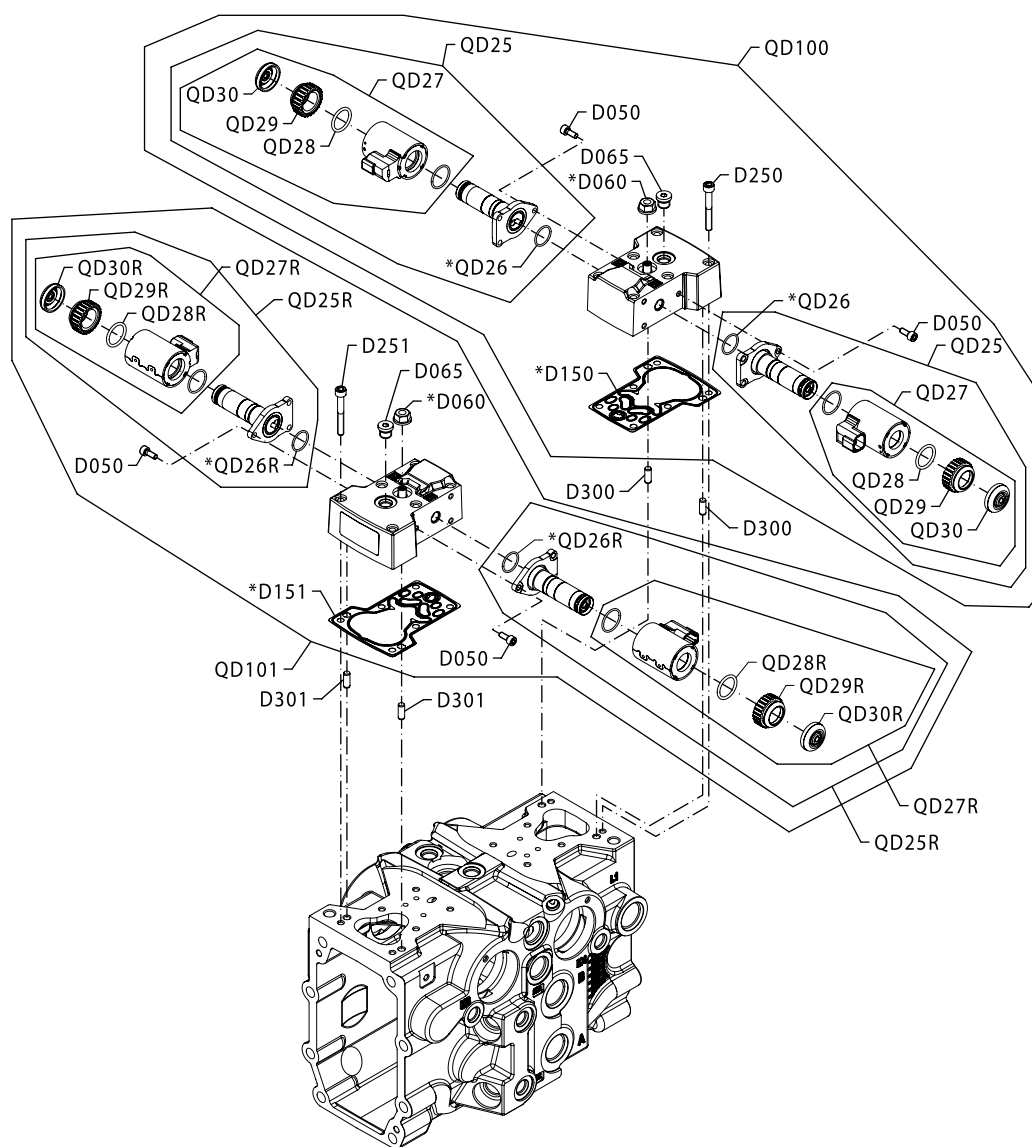
### Order code: SA3

|       |       |  |          |                                  |   |
|-------|-------|--|----------|----------------------------------|---|
| QD25  | 25-36 |  | 11012459 | Proportional solenoid, 24v       | 2 |
| QD25R | 25-36 |  | 11012459 | Proportional solenoid, 24v       | 2 |
| QD27  | 25-36 |  | 11028019 | Coil kit, 24v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11028019 | Coil kit, 24v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11028024 | Coil nut                         | 2 |
| QD29R | 25-36 |  | 11028024 | Coil nut                         | 2 |
| QD100 | 25-36 |  | 11019681 | EDC kit, 24V                     | 1 |
| QD101 | 25-36 |  | 11019681 | EDC kit, 24V                     | 1 |

## Controls

### MP1T control SA4, SA5

#### Parts configuration



P400976

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number           | Part Name          | Qty. per Model/Kit |
|-------|------------|----------|-----------------------|--------------------|--------------------|
| D050  | 25-36      |          | 716860                | Screw, M5 x 12     | 12                 |
| D060  | 25-36      |          | 612291 (9003508-0008) | Seal nut, M8       | 2                  |
| D065  | 25-36      |          | 9005110-4400          | Plug assembly, SAE | 2                  |
| D150  | 25-36      |          | 11227209              | Control gasket     | 1                  |
| D151  | 25-36      |          | 11227209              | Control gasket     | 1                  |
| D250  | 25-36      |          | 505038                | Screw, M6 x 45     | 6                  |
| D251  | 25-36      |          | 505038                | Screw, M6 x 45     | 6                  |
| D300  | 25-36      |          | 310979                | Dowel pin          | 2                  |
| D301  | 25-36      |          | 310979                | Dowel pin          | 2                  |
| QD26  | 25-36      |          | 11001952              | O-ring             | 2                  |
| QD26R | 25-36      |          | 11001952              | O-ring             | 2                  |
| QD28  | 25-36      |          | 063172                | O-ring             | 2                  |
| QD28R | 25-36      |          | 063172                | O-ring             | 2                  |
| QD30  | 25-36      |          | 11027883              | Cap                | 2                  |
| QD30R | 25-36      |          | 11027883              | Cap                | 2                  |

### Order code: SA4

|        |       |  |          |                                       |   |
|--------|-------|--|----------|---------------------------------------|---|
| QD25   | 25-36 |  | 140750   | Proportional solenoid, 12v with MOR   | 2 |
| QD25R  | 25-36 |  | 140750   | Proportional solenoid, 12v with MOR   | 2 |
| QD27   | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector, MOR | 2 |
| QD27R  | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector, MOR | 2 |
| QD29   | 25-36 |  | 11319330 | Coil nut                              | 2 |
| QD29R  | 25-36 |  | 11319330 | Coil nut                              | 2 |
| QD100  | 25-36 |  | 11019732 | EDC kit, 12V with MOR                 | 1 |
| QD100R | 25-36 |  | 11019732 | EDC kit, 12V with MOR                 | 1 |

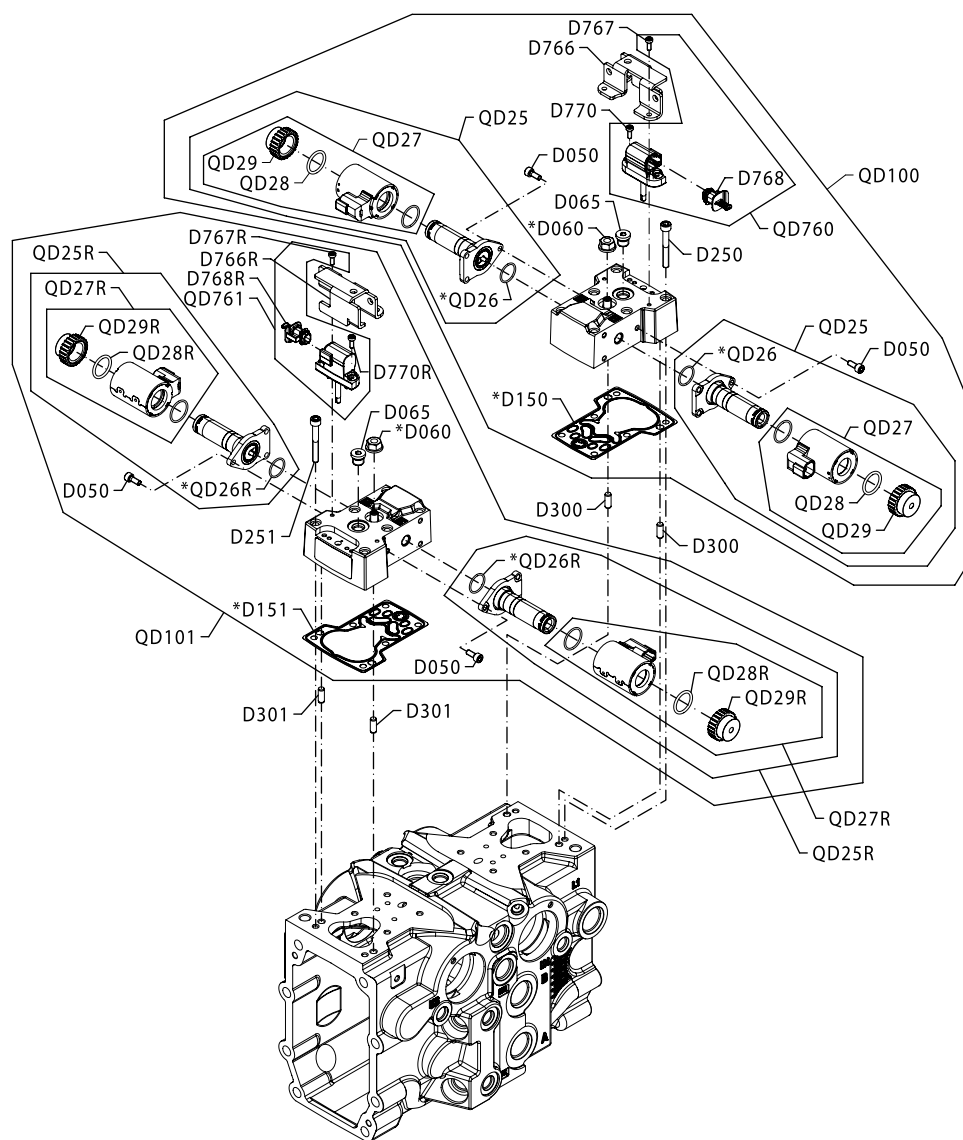
### Order code: SA5

|       |       |  |          |                                       |   |
|-------|-------|--|----------|---------------------------------------|---|
| QD25  | 25-36 |  | 140751   | Proportional solenoid, 12v with MOR   | 2 |
| QD25R | 25-36 |  | 140751   | Proportional solenoid, 12v with MOR   | 2 |
| QD27  | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector, MOR | 2 |
| QD27R | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector, MOR | 2 |
| QD29  | 25-36 |  | 11319361 | Coil nut                              | 2 |
| QD29R | 25-36 |  | 11319361 | Coil nut                              | 2 |
| QD100 | 25-36 |  | 11019733 | EDC kit, 24V with MOR                 | 1 |
| QD101 | 25-36 |  | 11019733 | EDC kit, 24V with MOR                 | 1 |

## Controls

### MP1T control SH2, SH3

#### Parts configuration



P400977

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number           | Part Name                          | Qty. per Model/Kit |
|-------|------------|----------|-----------------------|------------------------------------|--------------------|
| D050  | 25-36      |          | 716860                | Screw, M5 x 12                     | 12                 |
| D060  | 25-36      |          | 612291 (9003508-0008) | Seal nut, M8                       | 2                  |
| D065  | 25-36      |          | 9005110-4400          | Plug assembly, SAE                 | 2                  |
| D150  | 25-36      |          | 11227209              | Control gasket                     | 1                  |
| D151  | 25-36      |          | 11227209              | Control gasket                     | 1                  |
| D250  | 25-36      |          | 505038                | Screw, M6 x 45                     | 6                  |
| D251  | 25-36      |          | 505038                | Screw, M6 x 45                     | 6                  |
| D300  | 25-36      |          | 310979                | Dowel pin                          | 2                  |
| D301  | 25-36      |          | 310979                | Dowel pin                          | 2                  |
| QD26  | 25-36      |          | 11001952              | O-ring                             | 2                  |
| QD26R | 25-36      |          | 11001952              | O-ring                             | 2                  |
| QD28  | 25-36      |          | 063172                | O-ring                             | 2                  |
| QD28R | 25-36      |          | 063172                | O-ring                             | 2                  |
| QD760 | 25-36      |          | 11290138              | Angle sensor (EDC) kit             | 2                  |
| QD761 | 25-36      |          | 11290138              | Angle sensor (EDC) kit             | 2                  |
| D766  | 25-36      |          | 11187406              | Protection cover, EDC angle sensor | 1                  |
| D766R | 25-36      |          | 11187406              | Protection cover, EDC angle sensor | 1                  |
| D767  | 25-36      |          | 11167709              | Screw                              | 1                  |
| D767R | 25-36      |          | 11167709              | Screw                              | 1                  |
| D770  | 25-36      |          | 11167709              | Screw                              | 1                  |
| D770R | 25-36      |          | 11167709              | Screw                              | 1                  |

### Order code: SH2

|       |       |  |          |                                  |   |
|-------|-------|--|----------|----------------------------------|---|
| QD25  | 25-36 |  | 11012457 | Proportional solenoid, 12v       | 2 |
| QD25R | 25-36 |  | 11012457 | Proportional solenoid, 12v       | 2 |
| QD27  | 25-36 |  | 11028018 | Coil kit, 12v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11028018 | Coil kit, 12v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11027046 | Coil nut                         | 2 |
| QD29R | 25-36 |  | 11027046 | Coil nut                         | 2 |
| QD100 | 25-36 |  | 11196619 | EDC kit, 12V with Angle sensor   | 1 |
| QD101 | 25-36 |  | 11196619 | EDC kit, 12V with Angle sensor   | 1 |

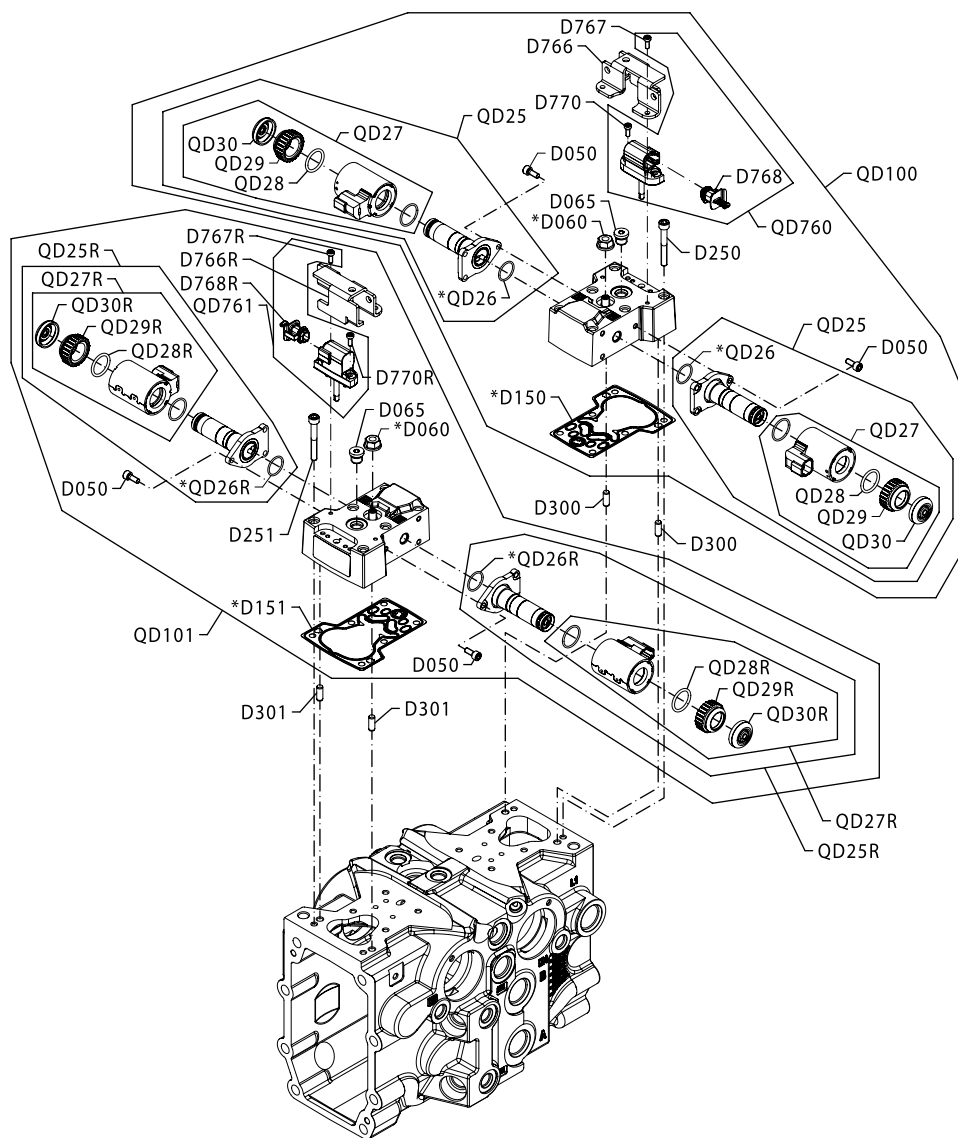
### Order code: SH3

|       |       |  |          |                                  |   |
|-------|-------|--|----------|----------------------------------|---|
| QD25  | 25-36 |  | 11012459 | Proportional solenoid, 24v       | 2 |
| QD25R | 25-36 |  | 11012459 | Proportional solenoid, 24v       | 2 |
| QD27  | 25-36 |  | 11028019 | Coil kit, 24v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11028019 | Coil kit, 24v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11028024 | Coil nut                         | 2 |
| QD29R | 25-36 |  | 11028024 | Coil nut                         | 2 |
| QD100 | 25-36 |  | 11179280 | EDC kit, 12V with Angle sensor   | 1 |
| QD101 | 25-36 |  | 11179280 | EDC kit, 12V with Angle sensor   | 1 |

## Controls

### MP1T control SH6, SH7

#### Parts configuration



P400978

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number           | Part Name                          | Qty. per Model/Kit |
|-------|------------|----------|-----------------------|------------------------------------|--------------------|
| D050  | 25-36      |          | 716860                | Screw, M5 x 12                     | 12                 |
| D060  | 25-36      |          | 612291 (9003508-0008) | Seal nut, M8                       | 2                  |
| D065  | 25-36      |          | 9005110-4400          | Plug assembly, SAE                 | 2                  |
| D150  | 25-36      |          | 11227209              | Control gasket                     | 1                  |
| D151  | 25-36      |          | 11227209              | Control gasket                     | 1                  |
| D250  | 25-36      |          | 505038                | Screw, M6 x 45                     | 6                  |
| D251  | 25-36      |          | 505038                | Screw, M6 x 45                     | 6                  |
| D300  | 25-36      |          | 310979                | Dowel pin                          | 2                  |
| D301  | 25-36      |          | 310979                | Dowel pin                          | 2                  |
| QD26  | 25-36      |          | 11001952              | O-ring                             | 2                  |
| QD26R | 25-36      |          | 11001952              | O-ring                             | 2                  |
| QD28  | 25-36      |          | 063172                | O-ring                             | 2                  |
| QD28R | 25-36      |          | 063172                | O-ring                             | 2                  |
| QD30  | 25-36      |          | 11027883              | Cap                                | 2                  |
| QD30R | 25-36      |          | 11027883              | Cap                                | 2                  |
| QD760 | 25-36      |          | 11290138              | Angle sensor (EDC) kit             | 2                  |
| QD761 | 25-36      |          | 11290138              | Angle sensor (EDC) kit             | 2                  |
| D766  | 25-36      |          | 11187406              | Protection cover, EDC angle sensor | 1                  |
| D766R | 25-36      |          | 11187406              | Protection cover, EDC angle sensor | 1                  |
| D767  | 25-36      |          | 11167709              | Screw                              | 1                  |
| D767R | 25-36      |          | 11167709              | Screw                              | 1                  |
| D770  | 25-36      |          | 11167709              | Screw                              | 1                  |
| D770R | 25-36      |          | 11167709              | Screw                              | 1                  |

### Order code: SH6

|       |       |  |          |                                        |   |
|-------|-------|--|----------|----------------------------------------|---|
| QD25  | 25-36 |  | 140750   | Proportional solenoid, 12v with MOR    | 2 |
| QD25R | 25-36 |  | 140750   | Proportional solenoid, 12v with MOR    | 2 |
| QD27  | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector, MOR  | 2 |
| QD27R | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector, MOR  | 2 |
| QD29  | 25-36 |  | 11319330 | Coil nut                               | 2 |
| QD29R | 25-36 |  | 11319330 | Coil nut                               | 2 |
| QD100 | 25-36 |  | 11179281 | EDC kit, 12V with MOR and Angle sensor | 1 |
| QD101 | 25-36 |  | 11179281 | EDC kit, 12V with MOR and Angle sensor | 1 |

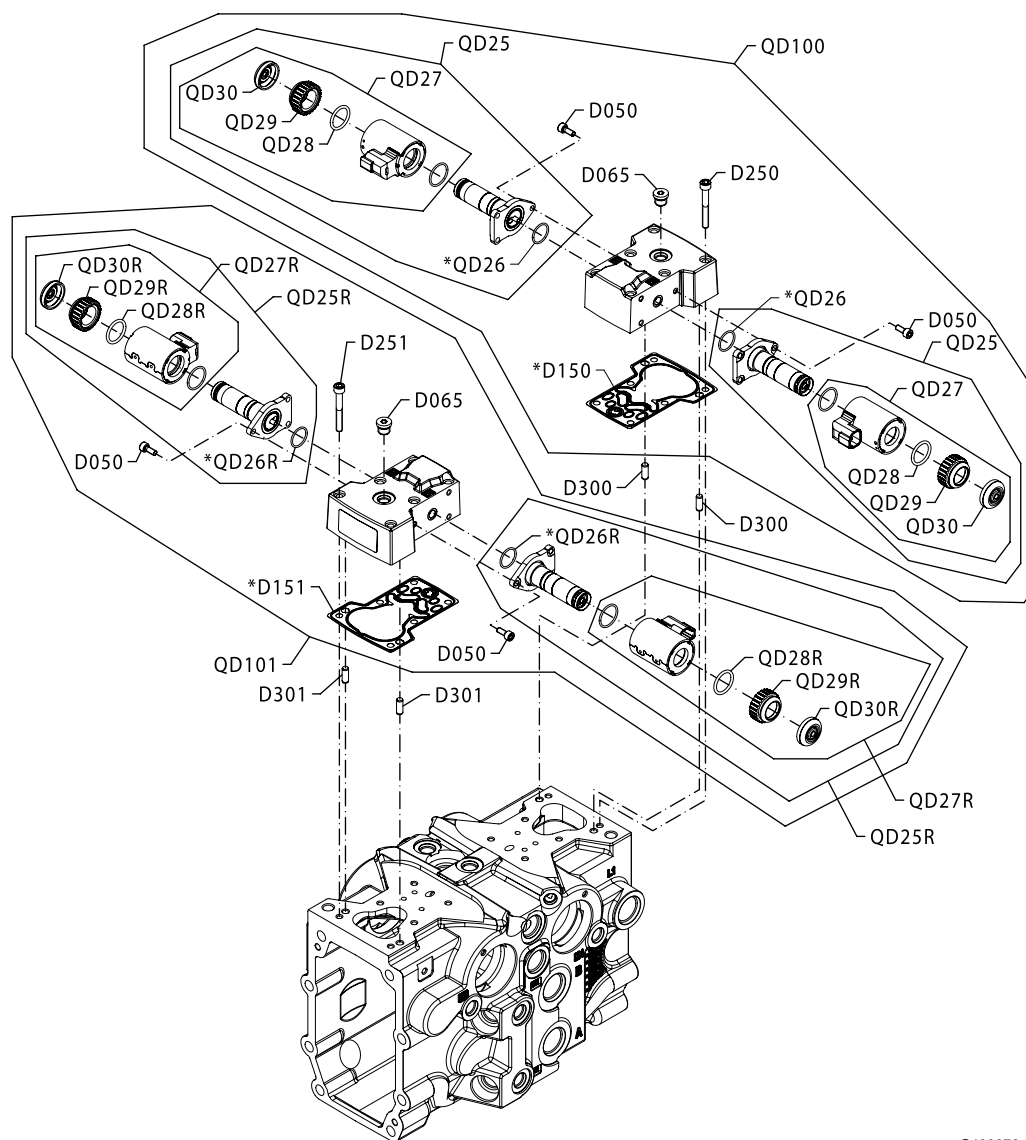
### Order code: SH7

|       |       |  |          |                                        |   |
|-------|-------|--|----------|----------------------------------------|---|
| QD25  | 25-36 |  | 140751   | Proportional solenoid, 12v with MOR    | 2 |
| QD25R | 25-36 |  | 140751   | Proportional solenoid, 12v with MOR    | 2 |
| QD27  | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector, MOR  | 2 |
| QD27R | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector, MOR  | 2 |
| QD29  | 25-36 |  | 11319361 | Coil nut                               | 2 |
| QD29R | 25-36 |  | 11319361 | Coil nut                               | 2 |
| QD100 | 25-36 |  | 11179292 | EDC kit, 24V with MOR and Angle sensor | 1 |
| QD101 | 25-36 |  | 11179292 | EDC kit, 24V with MOR and Angle sensor | 1 |

## Controls

### MP1T control SN1, SN2

#### Parts configuration



P400979

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number  | Part Name          | Qty. per Model/Kit |
|-------|------------|----------|--------------|--------------------|--------------------|
| D050  | 25-36      |          | 716860       | Screw, M5 x 12     | 12                 |
| D065  | 25-36      |          | 9005110-4400 | Plug assembly, SAE | 2                  |
| D150  | 25-36      |          | 11227209     | Control gasket     | 1                  |
| D151  | 25-36      |          | 11227209     | Control gasket     | 1                  |
| D250  | 25-36      |          | 505038       | Screw, M6 x 45     | 6                  |
| D251  | 25-36      |          | 505038       | Screw, M6 x 45     | 6                  |
| D300  | 25-36      |          | 310979       | Dowel pin          | 2                  |
| D301  | 25-36      |          | 310979       | Dowel pin          | 2                  |
| QD26  | 25-36      |          | 11001952     | O-ring             | 2                  |
| QD26R | 25-36      |          | 11001952     | O-ring             | 2                  |
| QD28  | 25-36      |          | 063172       | O-ring             | 2                  |
| QD28R | 25-36      |          | 063172       | O-ring             | 2                  |
| QD30  | 25-36      |          | 11027883     | Cap                | 2                  |
| QD30R | 25-36      |          | 11027883     | Cap                | 2                  |

### Order code: SN1

|       |       |  |          |                                  |   |
|-------|-------|--|----------|----------------------------------|---|
| QD25  | 25-36 |  | 140750   | Proportional solenoid, 12v       | 2 |
| QD25R | 25-36 |  | 140750   | Proportional solenoid, 12v       | 2 |
| QD27  | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11319330 | Coil nut                         | 2 |
| QD29R | 25-36 |  | 11319330 | Coil nut                         | 2 |
| QD100 | 25-36 |  | 11147921 | NFPE control kit, 12v with MOR   | 1 |
| QD101 | 25-36 |  | 11147921 | NFPE control kit, 12v with MOR   | 1 |

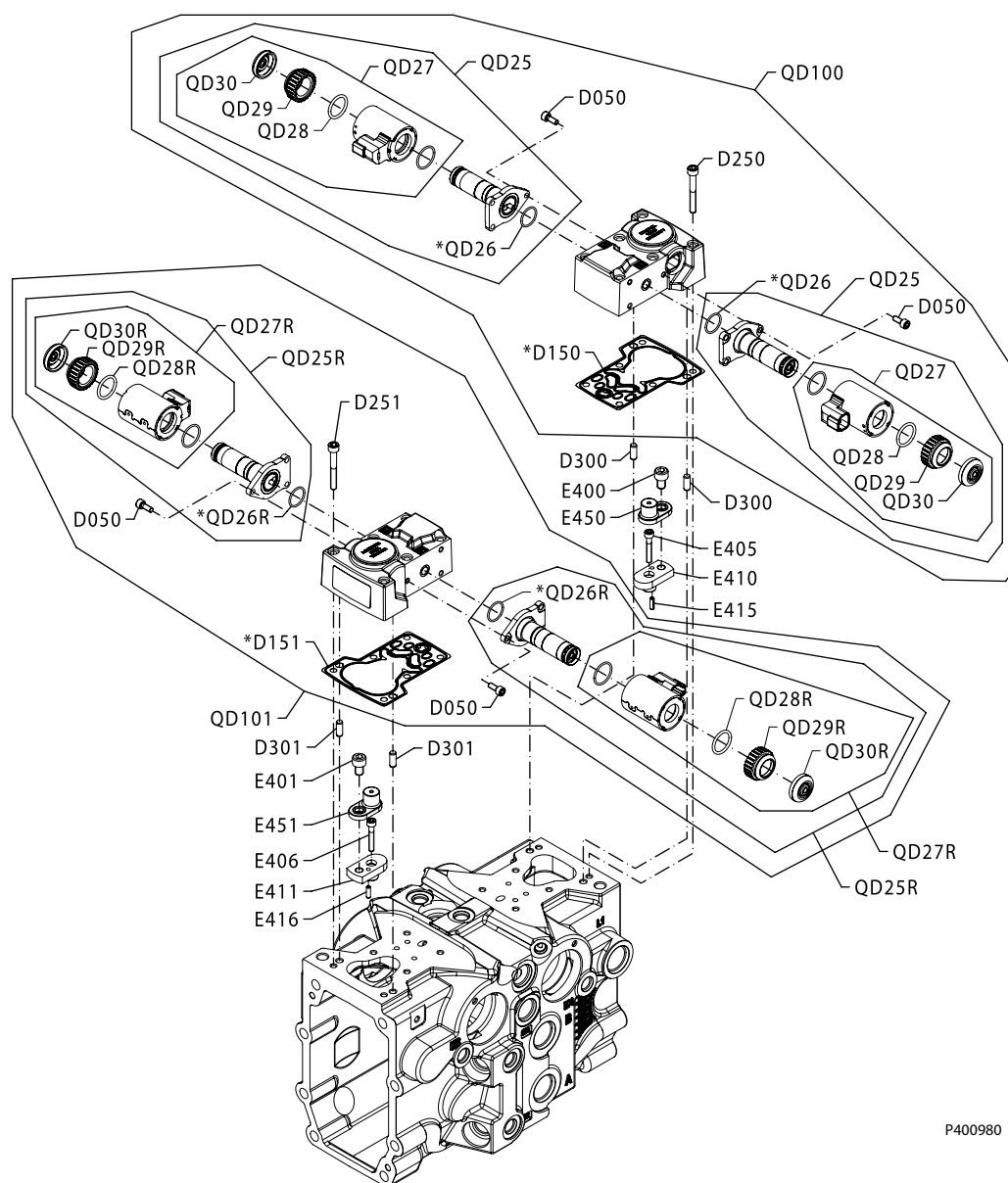
### Order code: SN2

|       |       |  |          |                                  |   |
|-------|-------|--|----------|----------------------------------|---|
| QD25  | 25-36 |  | 140751   | Proportional solenoid, 24v       | 2 |
| QD25R | 25-36 |  | 140751   | Proportional solenoid, 24v       | 2 |
| QD27  | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11319330 | Coil nut                         | 2 |
| QD29R | 25-36 |  | 11319330 | Coil nut                         | 2 |
| QD100 | 25-36 |  | 11147925 | NFPE control kit, 24v with MOR   | 1 |
| QD101 | 25-36 |  | 11147925 | NFPE control kit, 24v with MOR   | 1 |

## Controls

### MP1T control NN5, NN6

#### Parts configuration



\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number  | Part Name                 | Qty. per Model/Kit |
|-------|------------|----------|--------------|---------------------------|--------------------|
| D050  | 25-36      |          | 716860       | Screw, M5 x 12            | 12                 |
| D065  | 25-36      |          | 9005110-4400 | Plug assembly, SAE        | 2                  |
| D150  | 25-36      |          | 11227209     | Control gasket            | 1                  |
| D151  | 25-36      |          | 11227209     | Control gasket            | 1                  |
| D250  | 25-36      |          | 505038       | Screw, M6 x 45            | 6                  |
| D251  | 25-36      |          | 505038       | Screw, M6 x 45            | 6                  |
| D300  | 25-36      |          | 310979       | Dowel pin                 | 2                  |
| D301  | 25-36      |          | 310979       | Dowel pin                 | 2                  |
| QD26  | 25-36      |          | 11001952     | O-ring                    | 2                  |
| QD26R | 25-36      |          | 11001952     | O-ring                    | 2                  |
| QD28  | 25-36      |          | 063172       | O-ring                    | 2                  |
| QD28R | 25-36      |          | 063172       | O-ring                    | 2                  |
| QD30  | 25-36      |          | 11027883     | Cap                       | 2                  |
| QD30R | 25-36      |          | 11027883     | Cap                       | 2                  |
| E400  | 25-36      |          | 11212891     | Screw, M8 x 12            | 1                  |
| E401  | 25-36      |          | 11212891     | Screw, M8 x 12            | 1                  |
| E405  | 25-36      |          | 141135       | Screw, M5 x 30            | 1                  |
| E406  | 25-36      |          | 141135       | Screw, M5 x 30            | 1                  |
| E410  | 25-36      |          | 11212844     | Spacer for magnet carrier | 1                  |
| E411  | 25-36      |          | 11212844     | Spacer for magnet carrier | 1                  |
| E415  | 25-36      |          | 9004700-1508 | Pin                       | 1                  |
| E416  | 25-36      |          | 9004700-1508 | Pin                       | 1                  |

### Order code: NN5

|       |       |  |          |                                         |   |
|-------|-------|--|----------|-----------------------------------------|---|
| QD25  | 25-36 |  | 140750   | Proportional solenoid, 12v              | 2 |
| QD25R | 25-36 |  | 140750   | Proportional solenoid, 12v              | 2 |
| QD27  | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector        | 2 |
| QD27R | 25-36 |  | 11004698 | Coil kit, 12v, DEUTSCH connector        | 2 |
| QD29  | 25-36 |  | 11319330 | Coil nut                                | 2 |
| QD29R | 25-36 |  | 11319330 | Coil nut                                | 2 |
| QD100 | 25-36 |  | 11147918 | NFPE control kit, 12v with Angle sensor | 1 |
| QD101 | 25-36 |  | 11147918 | NFPE control kit, 12v with Angle sensor | 1 |

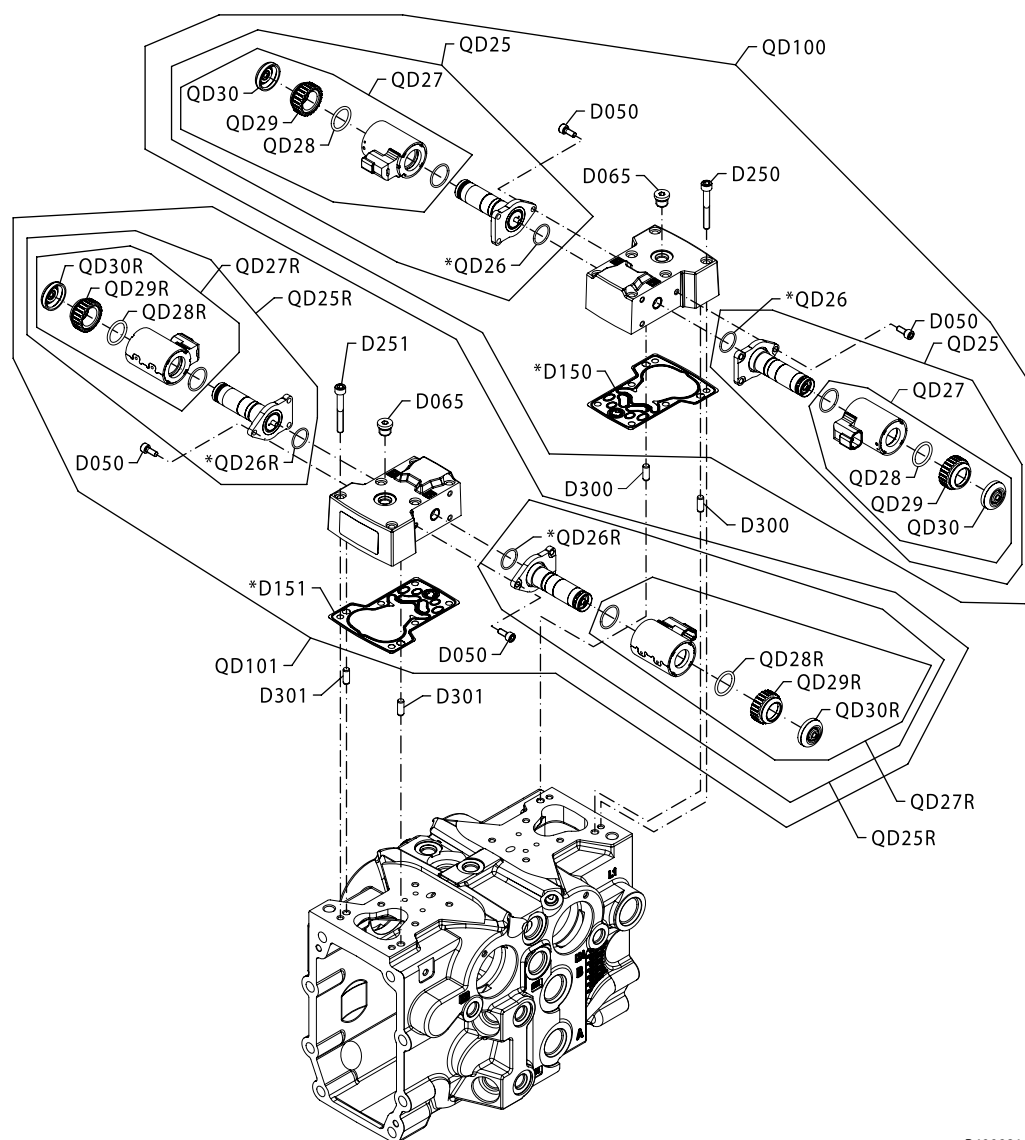
### Order code: NN6

|       |       |  |          |                                         |   |
|-------|-------|--|----------|-----------------------------------------|---|
| QD25  | 25-36 |  | 140751   | Proportional solenoid, 24v              | 2 |
| QD25R | 25-36 |  | 140751   | Proportional solenoid, 24v              | 2 |
| QD27  | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector        | 2 |
| QD27R | 25-36 |  | 11004700 | Coil kit, 24v, DEUTSCH connector        | 2 |
| QD29  | 25-36 |  | 11319361 | Coil nut                                | 2 |
| QD29R | 25-36 |  | 11319361 | Coil nut                                | 2 |
| QD100 | 25-36 |  | 11147922 | NFPE control kit, 24v with Angle sensor | 1 |
| QD101 | 25-36 |  | 11147922 | NFPE control kit, 24v with Angle sensor | 1 |

## Controls

### MP1T control SA9, SB1

#### Parts configuration



P400981

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

### Common parts

| Item  | Date Begin | Date End | Part Number  | Part Name          | Qty. per Model/Kit |
|-------|------------|----------|--------------|--------------------|--------------------|
| D050  | 25-36      |          | 716860       | Screw, M5 x 12     | 12                 |
| D065  | 25-36      |          | 9005110-4400 | Plug assembly, SAE | 2                  |
| D150  | 25-36      |          | 11227209     | Control gasket     | 1                  |
| D151  | 25-36      |          | 11227209     | Control gasket     | 1                  |
| D250  | 25-36      |          | 505038       | Screw, M6 x 45     | 6                  |
| D251  | 25-36      |          | 505038       | Screw, M6 x 45     | 6                  |
| D300  | 25-36      |          | 310979       | Dowel pin          | 2                  |
| D301  | 25-36      |          | 310979       | Dowel pin          | 2                  |
| QD26  | 25-36      |          | 11001952     | O-ring             | 2                  |
| QD26R | 25-36      |          | 11001952     | O-ring             | 2                  |
| QD28  | 25-36      |          | 063172       | O-ring             | 2                  |
| QD28R | 25-36      |          | 063172       | O-ring             | 2                  |
| QD30  | 25-36      |          | 11027883     | Cap                | 2                  |
| QD30R | 25-36      |          | 11027883     | Cap                | 2                  |

### Order code: SA9

|       |       |  |          |                                       |   |
|-------|-------|--|----------|---------------------------------------|---|
| QD25  | 25-36 |  | 141301   | On/Off solenoid, 12v                  | 2 |
| QD25R | 25-36 |  | 141301   | On/Off solenoid, 12v                  | 2 |
| QD27  | 25-36 |  | 11005222 | Coil kit, FNR, 12v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11005222 | Coil kit, FNR, 12v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11319330 | Coil nut                              | 2 |
| QD29R | 25-36 |  | 11319330 | Coil nut                              | 2 |
| QD100 | 25-36 |  | 11025905 | FNR kit, 12V, manual override         | 1 |
| QD101 | 25-36 |  | 11025905 | FNR kit, 12V, manual override         | 1 |

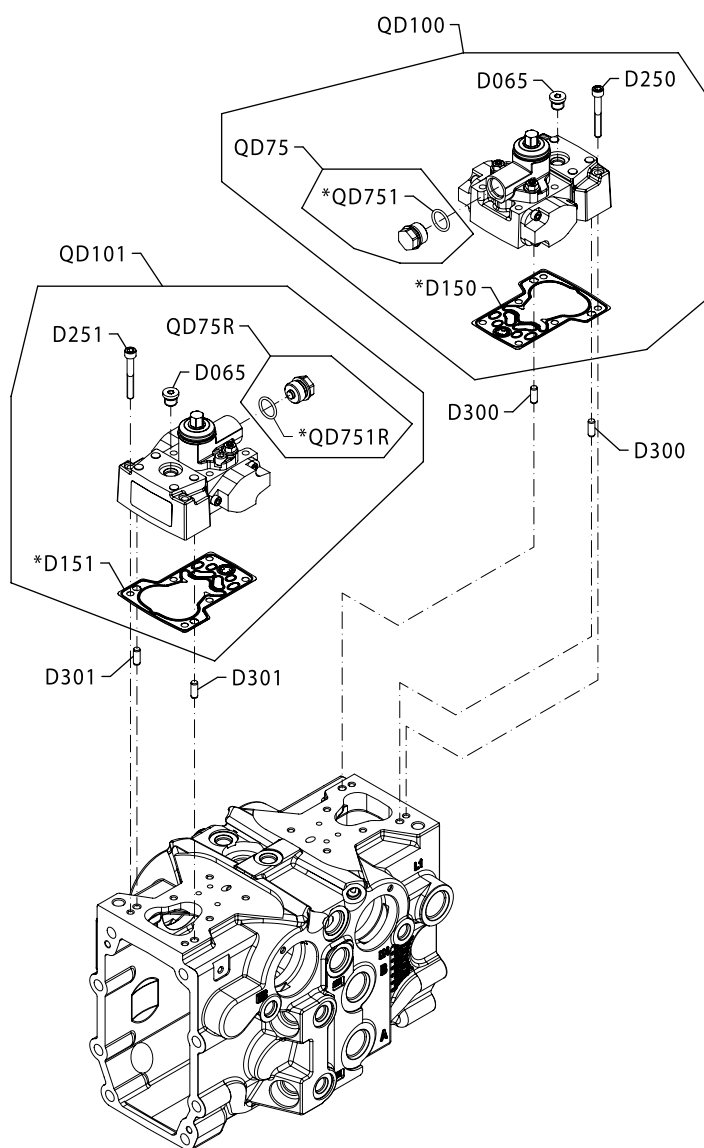
### Order code: SB1

|       |       |  |          |                                       |   |
|-------|-------|--|----------|---------------------------------------|---|
| QD25  | 25-36 |  | 141313   | On/Off solenoid, 24v                  | 2 |
| QD25R | 25-36 |  | 141313   | On/Off solenoid, 24v                  | 2 |
| QD27  | 25-36 |  | 11005223 | Coil kit, FNR, 24v, DEUTSCH connector | 2 |
| QD27R | 25-36 |  | 11005223 | Coil kit, FNR, 24v, DEUTSCH connector | 2 |
| QD29  | 25-36 |  | 11319361 | Coil nut                              | 2 |
| QD29R | 25-36 |  | 11319361 | Coil nut                              | 2 |
| QD100 | 25-36 |  | 11025906 | FNR kit, 24V, manual override, metric | 1 |
| QD101 | 25-36 |  | 11025906 | FNR kit, 24V, manual override, metric | 1 |

## Controls

### MP1T control SM1

Parts configuration



P400982

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

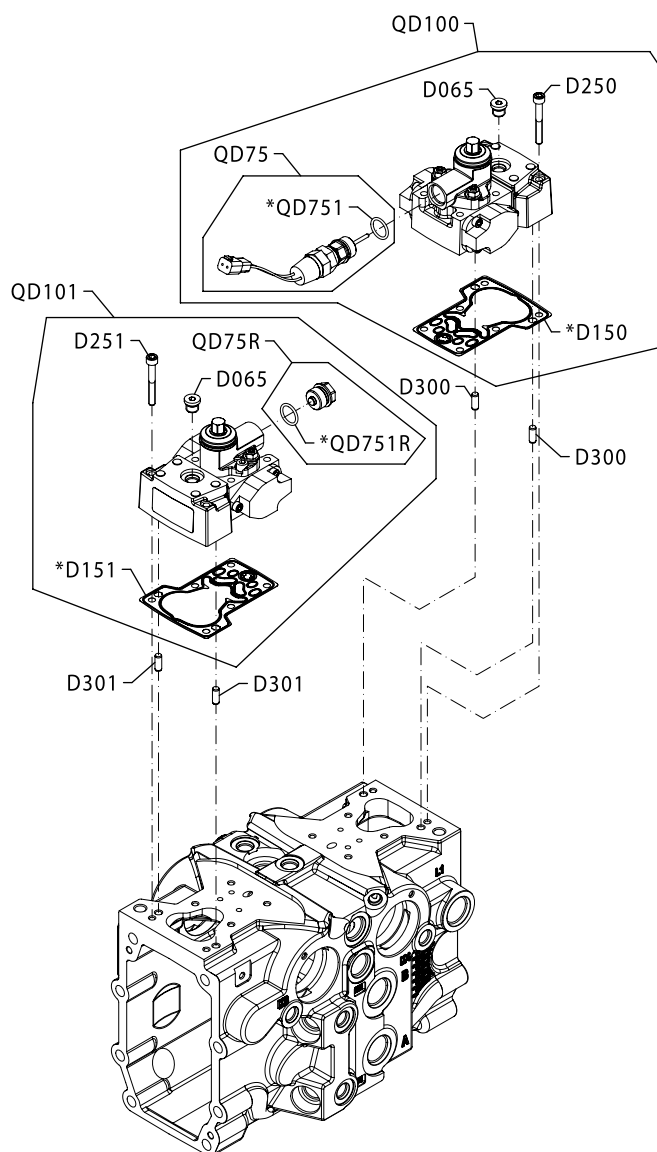
Order code: SM1

| Item   | Date Begin | Date End | Part Number           | Part Name            | Qty. per Model/Kit |
|--------|------------|----------|-----------------------|----------------------|--------------------|
| QD100  | 25-36      |          | 11141225              | MDC kit              | 1                  |
| QD101  | 25-36      |          | 11141225              | MDC kit              | 1                  |
| D065   | 25-36      |          | 9005110-4400          | Plug assembly, SAE   | 2                  |
| D150   | 25-36      |          | 11227209              | Control gasket       | 1                  |
| D151   | 25-36      |          | 11227209              | Control gasket       | 1                  |
| D250   | 25-36      |          | 505038                | Screw, M6 x 45       | 6                  |
| D251   | 25-36      |          | 505038                | Screw, M6 x 45       | 6                  |
| D300   | 25-36      |          | 310979                | Dowel pin            | 2                  |
| D301   | 25-36      |          | 310979                | Dowel pin            | 2                  |
| QD75   | 25-36      |          | 11119332              | Spring seat assembly | 1                  |
| QD75R  | 25-36      |          | 11119332              | Spring seat assembly | 1                  |
| QD751  | 25-36      |          | 001131 (9004201-5000) | O-ring               | 1                  |
| QD751R | 25-36      |          | 001131 (9004201-5000) | O-ring               | 2                  |

## Controls

### MP1T control SD9

Parts configuration



P400983

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

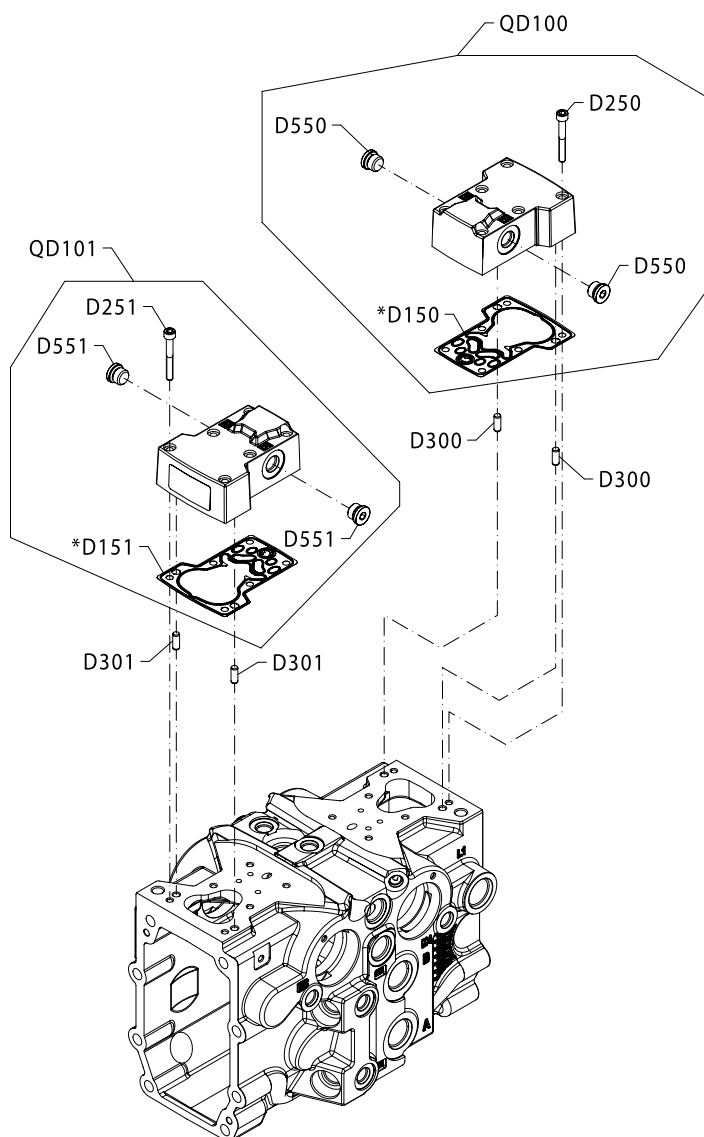
Order code: SD9

| Item   | Date Begin | Date End | Part Number           | Part Name                                       | Qty. per Model/Kit |
|--------|------------|----------|-----------------------|-------------------------------------------------|--------------------|
| QD100  | 25-36      |          | 11141236              | MDC kit with neutral start switch               | 1                  |
| QD101  | 25-36      |          | 11141225              | MDC kit                                         | 1                  |
| D065   | 25-36      |          | 9005110-4400          | Plug assembly, SAE                              | 2                  |
| D150   | 25-36      |          | 11227209              | Control gasket                                  | 1                  |
| D151   | 25-36      |          | 11227209              | Control gasket                                  | 1                  |
| D250   | 25-36      |          | 505038                | Screw, M6 x 45                                  | 6                  |
| D251   | 25-36      |          | 505038                | Screw, M6 x 45                                  | 6                  |
| D300   | 25-36      |          | 310979                | Dowel pin                                       | 2                  |
| D301   | 25-36      |          | 310979                | Dowel pin                                       | 2                  |
| QD75   | 25-36      |          | 11126847              | Spring seat/neutral start switch (NSS) assembly | 1                  |
| QD75R  | 25-36      |          | 11119332              | Spring seat assembly                            | 1                  |
| QD751  | 25-36      |          | 001131 (9004201-5000) | O-ring                                          | 1                  |
| QD751R | 25-36      |          | 001131 (9004201-5000) | O-ring                                          | 1                  |

## Controls

### MP1T control SNN

#### Parts configuration



P400984

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

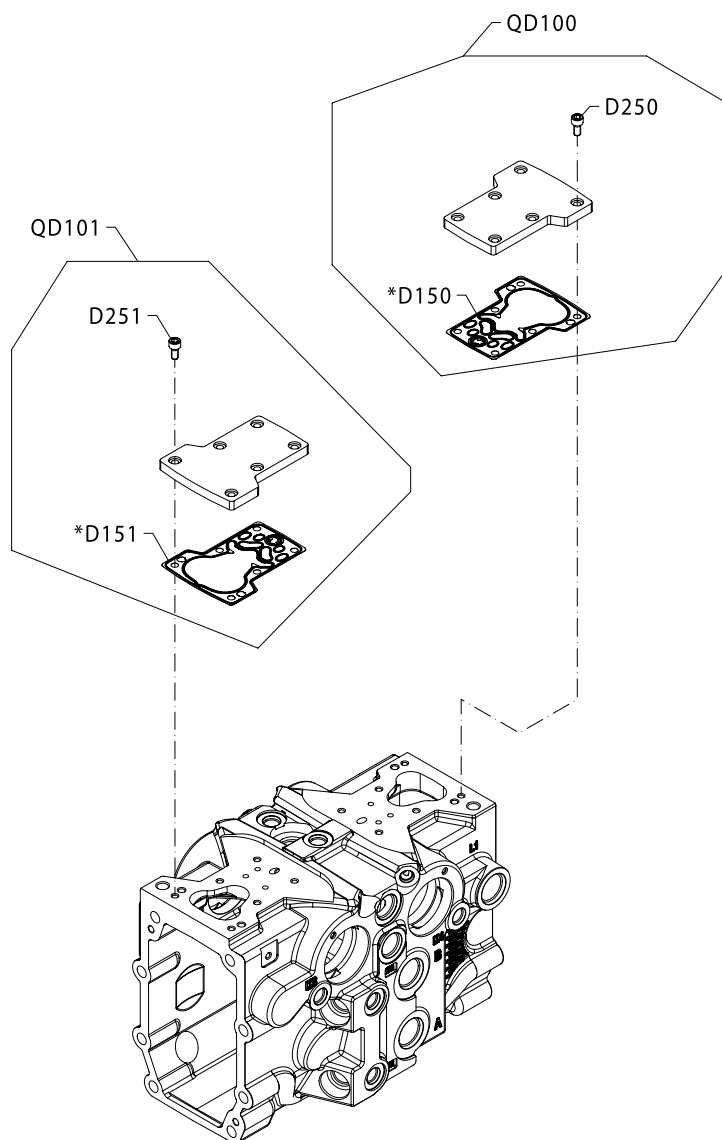
Order code: SNN

| Item  | Date Begin | Date End | Part Number  | Part Name         | Qty. per Model/Kit |
|-------|------------|----------|--------------|-------------------|--------------------|
| QD100 | 25-36      |          | 11121984     | Control cover kit | 1                  |
| QD101 | 25-36      |          | 11121984     | Control cover kit | 1                  |
| D150  | 25-36      |          | 11227209     | Control gasket    | 1                  |
| D151  | 25-36      |          | 11227209     | Control gasket    | 1                  |
| D250  | 25-36      |          | 505038       | Screw, M6 x 45    | 6                  |
| D251  | 25-36      |          | 505038       | Screw, M6 x 45    | 6                  |
| D300  | 25-36      |          | 310979       | Dowel pin         | 2                  |
| D301  | 25-36      |          | 310979       | Dowel pin         | 2                  |
| D550  | 25-36      |          | 9005110-5600 | Plug assembly     | 2                  |
| D551  | 25-36      |          | 9005110-5600 | Plug assembly     | 2                  |

## Controls

### MP1T control NNC

*Parts configuration*



P400985

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Controls

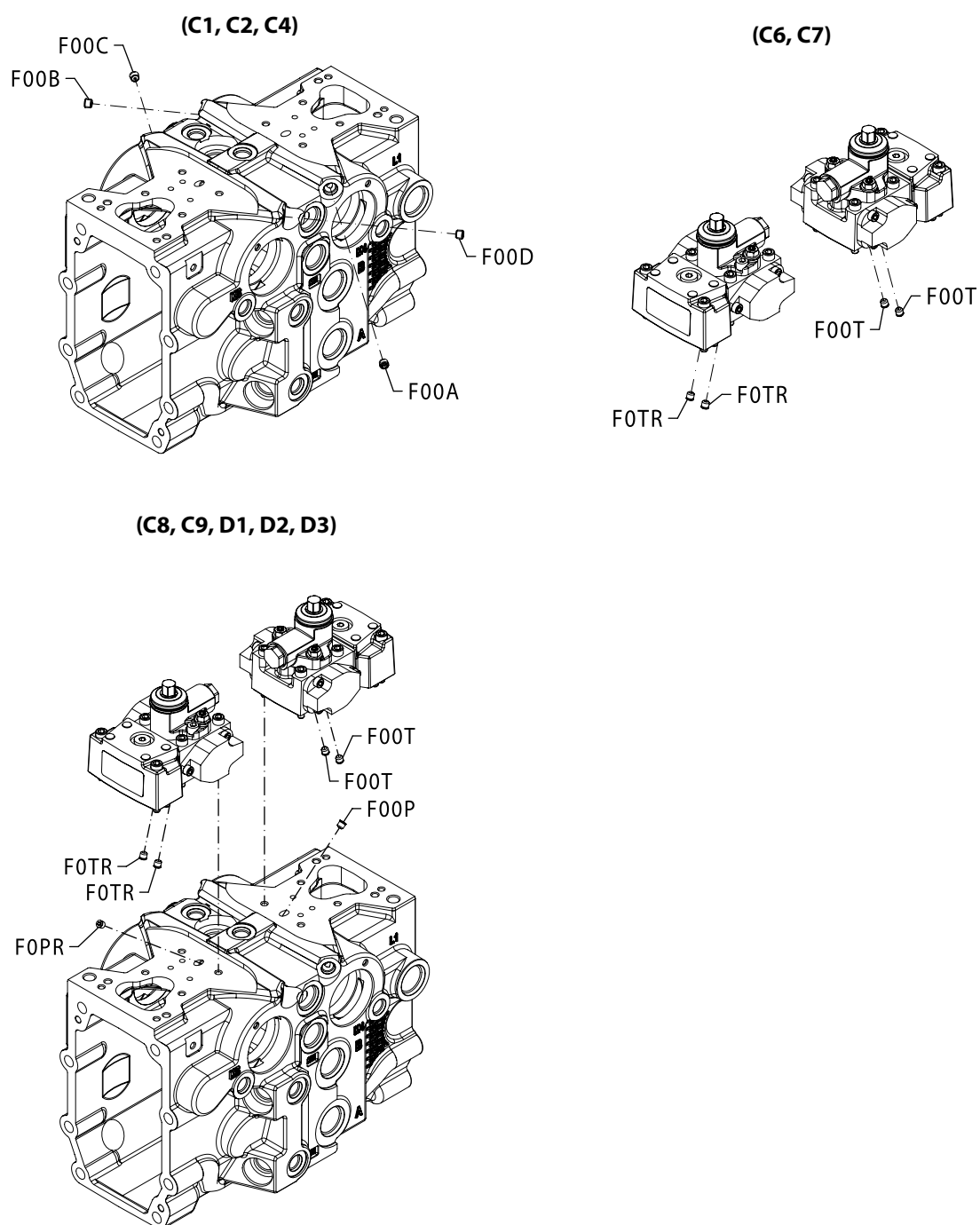
Order code: SNN

| Item  | Date Begin | Date End | Part Number | Part Name               | Qty. per Model/Kit |
|-------|------------|----------|-------------|-------------------------|--------------------|
| QD100 | 25-36      |          | 11358702    | Control cover plate kit | 1                  |
| QD101 | 25-36      |          | 11358702    | Control cover plate kit | 1                  |
| D150  | 25-36      |          | 11227209    | Control gasket          | 1                  |
| D151  | 25-36      |          | 11227209    | Control gasket          | 1                  |
| D250  | 25-36      |          | 042838      | Screw, M6 x 16          | 6                  |
| D251  | 25-36      |          | 042838      | Screw, M6 x 16          | 6                  |

## Orifice

### MP1T orifice C1-D3

Parts configuration



P400986

Generic housings and controls used to show part location only.

## Orifice

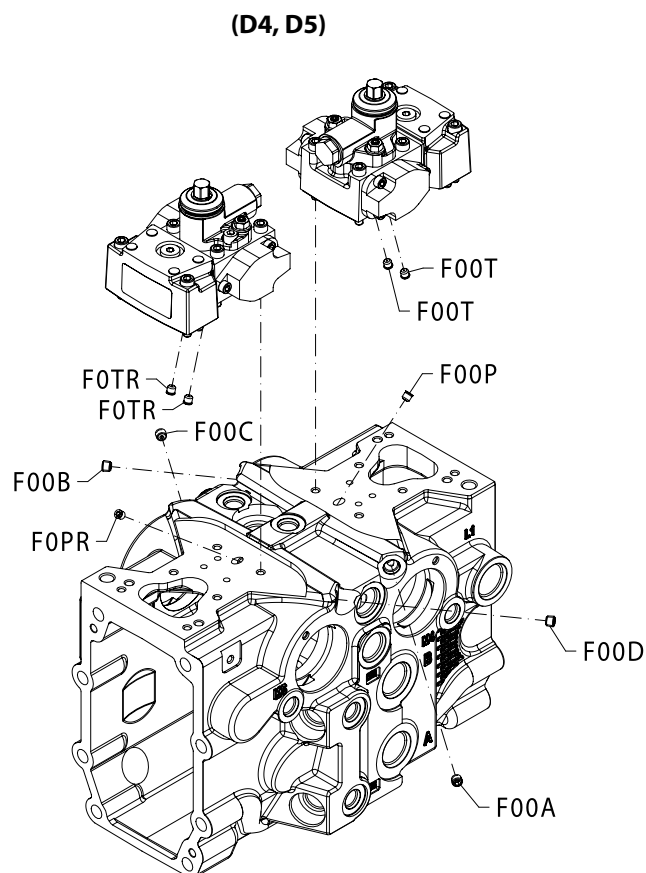
Order code: orifice C1-D3 parts

| Order Code | Item | Date Begin | Date End | Part Number | Part Name                | Qty. per Model/Kit |
|------------|------|------------|----------|-------------|--------------------------|--------------------|
| C1         | F00A | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00B | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00C | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00D | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
| C2         | F00A | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00B | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00C | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00D | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
| C4         | F00A | 25-36      |          | 11167421    | Orifice, 1.0mm, 1/16-27  | 1                  |
|            | F00B | 25-36      |          | 11167421    | Orifice, 1.0mm, 1/16-27  | 1                  |
|            | F00C | 25-36      |          | 11167421    | Orifice, 1.0mm, 1/16-27  | 1                  |
|            | F00D | 25-36      |          | 11167421    | Orifice, 1.0mm, 1/16-27  | 1                  |
| C6         | F00T | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 2                  |
| C7         | F00T | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 2                  |
| C8         | F00P | 25-36      |          | 140611      | Orifice, 0.8 mm, 1/8-27  | 1                  |
|            | F0PR | 25-36      |          | 140611      | Orifice, 0.8 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 2                  |
| C9         | F00P | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 1                  |
|            | F0PR | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 2                  |
| D1         | F00P | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 1                  |
|            | F0PR | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 140611      | Orifice, 0.8 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 140611      | Orifice, 0.8 mm, M6      | 2                  |
| D2         | F00P | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 1                  |
|            | F0PR | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 140611      | Orifice, 0.8 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 140611      | Orifice, 0.8 mm, M6      | 2                  |
| D3         | F00P | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 1                  |
|            | F0PR | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 11151734    | Orifice, 1.0 mm, M6      | 2                  |

## Orifice

### MP1T orifice D4-D5

*Parts configuration*



P400987

Generic housings and controls used to show part location only.

## Orifice

Order code: orifice D4-D5 parts

| Order Code | Item | Date Begin | Date End | Part Number | Part Name                | Qty. per Model/Kit |
|------------|------|------------|----------|-------------|--------------------------|--------------------|
| D4         | F00A | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00B | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00C | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00D | 25-36      |          | 11167433    | Orifice, 1.3 mm, 1/16-27 | 1                  |
|            | F00P | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 1                  |
|            | F0PR | 25-36      |          | 140754      | Orifice, 1.3 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 11151734    | Orifice, 1.3 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 11151734    | Orifice, 1.3 mm, M6      | 2                  |
| D5         | F00A | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00B | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00C | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00D | 25-36      |          | 11182692    | Orifice, 0.8 mm, 1/16-27 | 1                  |
|            | F00P | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 1                  |
|            | F0PR | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 1                  |
|            | F00T | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 2                  |
|            | F0TR | 25-36      |          | 11151733    | Orifice, 0.6 mm, M6      | 2                  |

### MP1T 28/32 displacement limitation N

### Parts configuration



\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Displacement limitation

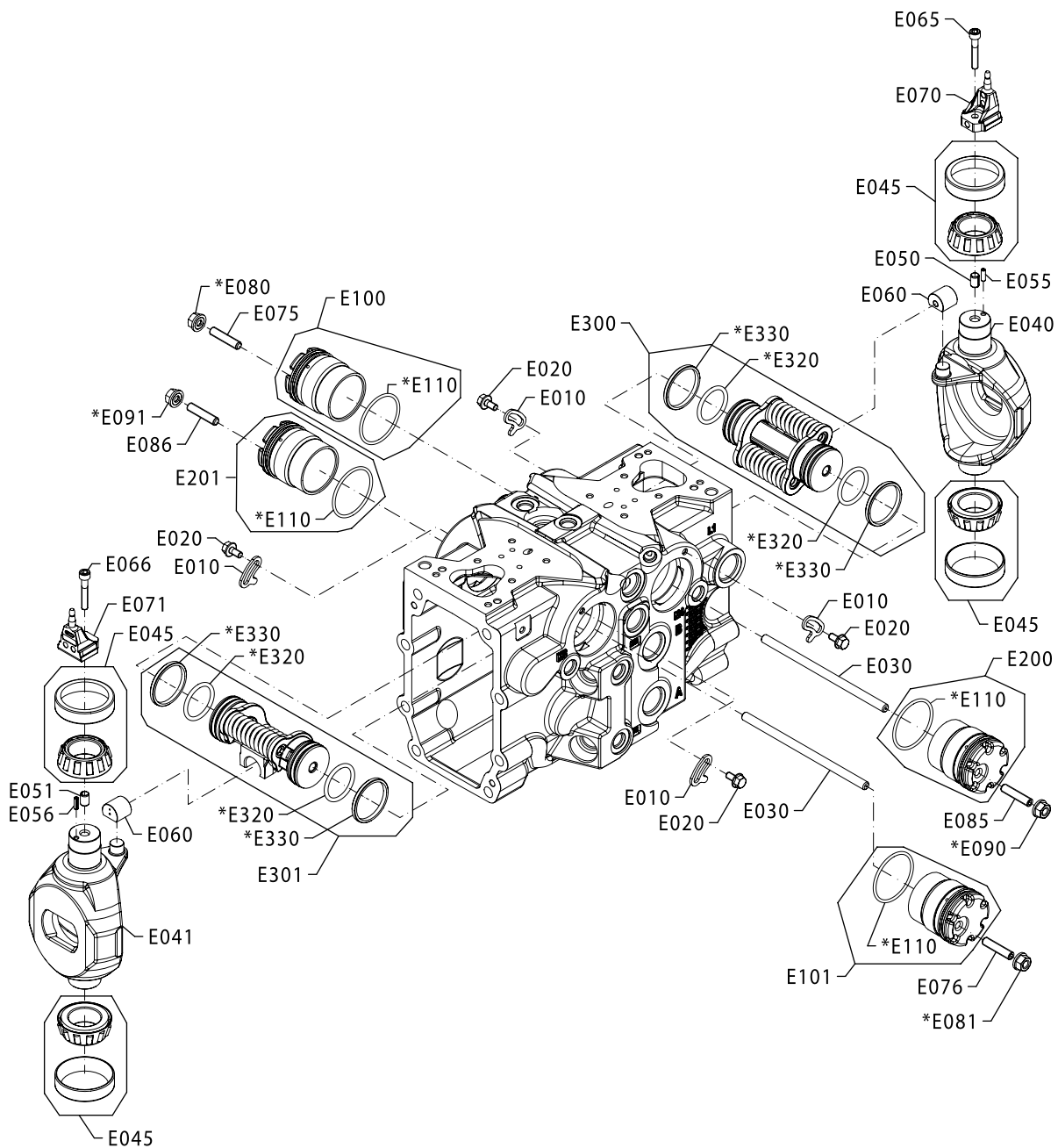
Order code: N

| Item | Date Begin | Date End | Part Number  | Part Name                | Qty. per Model/Kit |
|------|------------|----------|--------------|--------------------------|--------------------|
| E010 | 25-36      |          | 11152763     | Locking plate            | 4                  |
| E020 | 25-36      |          | 508438       | Screw, M6 x 12           | 4                  |
| E030 | 25-36      |          | 11154499     | Servo piston guide rod   | 2                  |
| E040 | 25-36      |          | 11166190     | Swashplate               | 1                  |
| E041 | 25-36      |          | 11166190     | Swashplate               | 1                  |
| E045 | 25-36      |          | 11154501     | Roller bearing           | 4                  |
| E050 | 25-36      |          | 11160523     | Bushing                  | 1                  |
| E051 | 25-36      |          | 11160523     | Bushing                  | 1                  |
| E055 | 25-36      |          | 9004700-1508 | Slotted pin              | 1                  |
| E056 | 25-36      |          | 9004700-1508 | Slotted pin              | 1                  |
| E060 | 25-36      |          | 11152843     | Slider block             | 2                  |
| E065 | 25-36      |          | 508994       | Screw, M6 x 35           | 1                  |
| E066 | 25-36      |          | 508994       | Screw, M6 x 35           | 1                  |
| E070 | 25-36      |          | 11195668     | Swashplate feedback link | 1                  |
| E071 | 25-36      |          | 11195668     | Swashplate feedback link | 1                  |
| E100 | 25-36      |          | 11170117     | Servo cylinder assembly  | 1                  |
| E101 | 25-36      |          | 11170117     | Servo cylinder assembly  | 1                  |
| E200 | 25-36      |          | 11170117     | Servo cylinder assembly  | 1                  |
| E201 | 25-36      |          | 11170117     | Servo cylinder assembly  | 1                  |
| E110 | 25-36      |          | 9004104-1350 | O-ring                   | 4                  |
| E300 | 25-36      |          | 11170118     | Servo piston assembly    | 1                  |
| E301 | 25-36      |          | 11170118     | Servo piston assembly    | 1                  |
| E320 | 25-36      |          | KA1A218      | O-ring                   | 4                  |
| E330 | 25-36      |          | 11154492     | Piston ring              | 4                  |

### Displacement limitation

### MP1T 28/32 displacement limitation B

### Parts configuration



P400989

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Displacement limitation

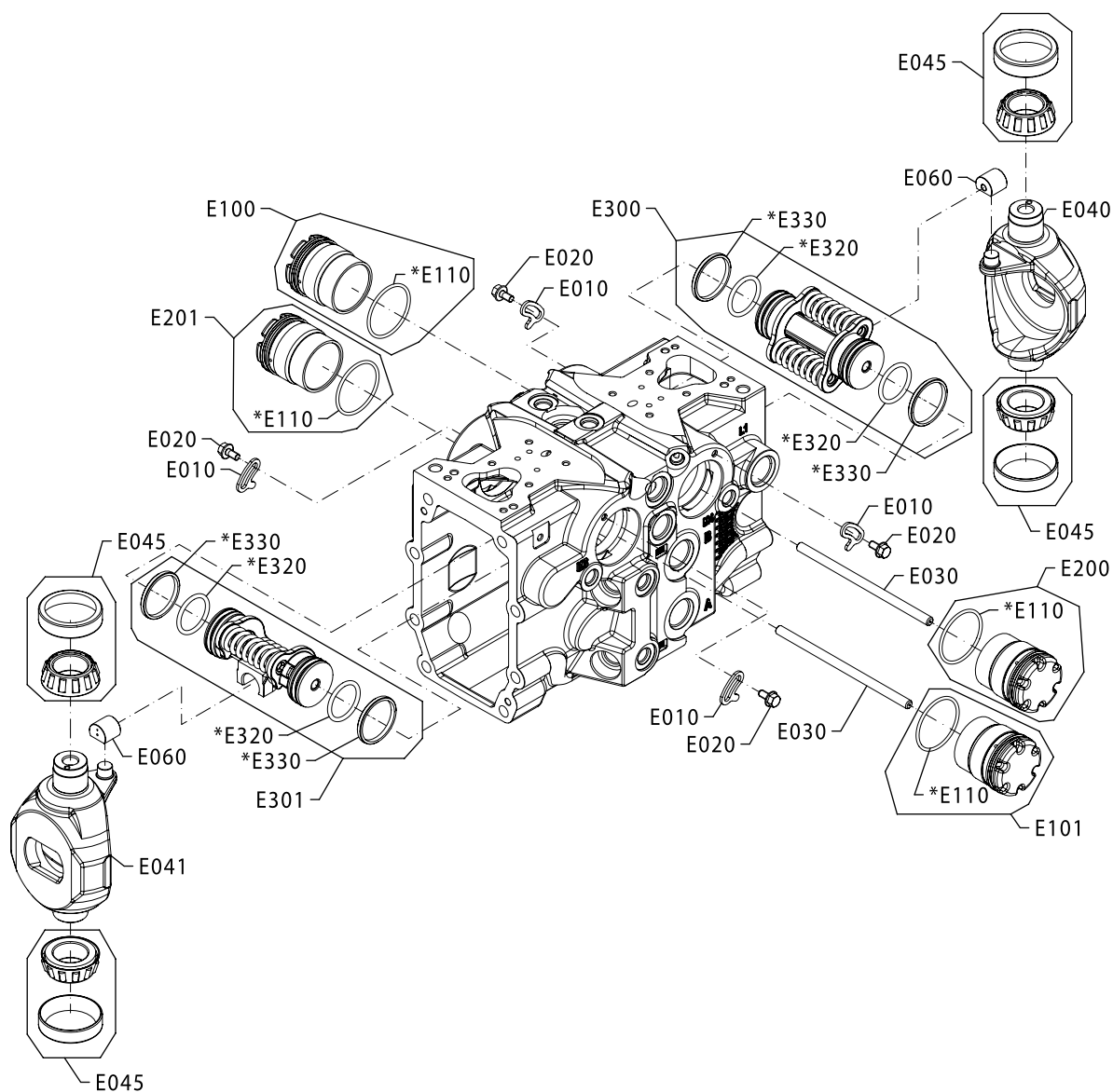
Order code: B

| Item | Date Begin | Date End | Part Number  | Part Name                           | Qty. per Model/Kit |
|------|------------|----------|--------------|-------------------------------------|--------------------|
| E010 | 25-36      |          | 11152763     | Locking plate                       | 4                  |
| E020 | 25-36      |          | 508438       | Screw, M6 x 12                      | 4                  |
| E030 | 25-36      |          | 11154499     | Servo piston guide rod              | 2                  |
| E040 | 25-36      |          | 11166190     | Swashplate                          | 1                  |
| E041 | 25-36      |          | 11166190     | Swashplate                          | 1                  |
| E045 | 25-36      |          | 11154501     | Roller bearing                      | 4                  |
| E050 | 25-36      |          | 11160523     | Bushing                             | 1                  |
| E051 | 25-36      |          | 11160523     | Bushing                             | 1                  |
| E055 | 25-36      |          | 9004700-1508 | Slotted pin                         | 1                  |
| E056 | 25-36      |          | 9004700-1508 | Slotted pin                         | 1                  |
| E060 | 25-36      |          | 11152843     | Slider block                        | 2                  |
| E065 | 25-36      |          | 508994       | Screw, M6 x 35                      | 1                  |
| E066 | 25-36      |          | 508994       | Screw, M6 x 35                      | 1                  |
| E070 | 25-36      |          | 11195668     | Swashplate feedback link            | 1                  |
| E071 | 25-36      |          | 11195668     | Swashplate feedback link            | 1                  |
| E100 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable | 1                  |
| E101 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable | 1                  |
| E200 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable | 1                  |
| E201 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable | 1                  |
| E110 | 25-36      |          | 9004104-1350 | O-ring                              | 4                  |
| E075 | 25-36      |          | 528711       | Screw, M8 x 35                      | 1                  |
| E076 | 25-36      |          | 528711       | Screw, M8 x 35                      | 1                  |
| E085 | 25-36      |          | 528711       | Screw, M8 x 35                      | 1                  |
| E086 | 25-36      |          | 528711       | Screw, M8 x 35                      | 1                  |
| E080 | 25-36      |          | 505412       | Seal nut, M8                        | 1                  |
| E081 | 25-36      |          | 505412       | Seal nut, M8                        | 1                  |
| E090 | 25-36      |          | 505412       | Seal nut, M8                        | 1                  |
| E091 | 25-36      |          | 505412       | Seal nut, M8                        | 1                  |
| E300 | 25-36      |          | 11170118     | Servo piston assembly               | 1                  |
| E301 | 25-36      |          | 11170118     | Servo piston assembly               | 1                  |
| E320 | 25-36      |          | KA1A218      | O-ring                              | 4                  |
| E330 | 25-36      |          | 11154492     | Piston ring                         | 4                  |

## Displacement limitation

### MP1T 28/32 displacement limitation C

#### Parts configuration



P400990

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Displacement limitation

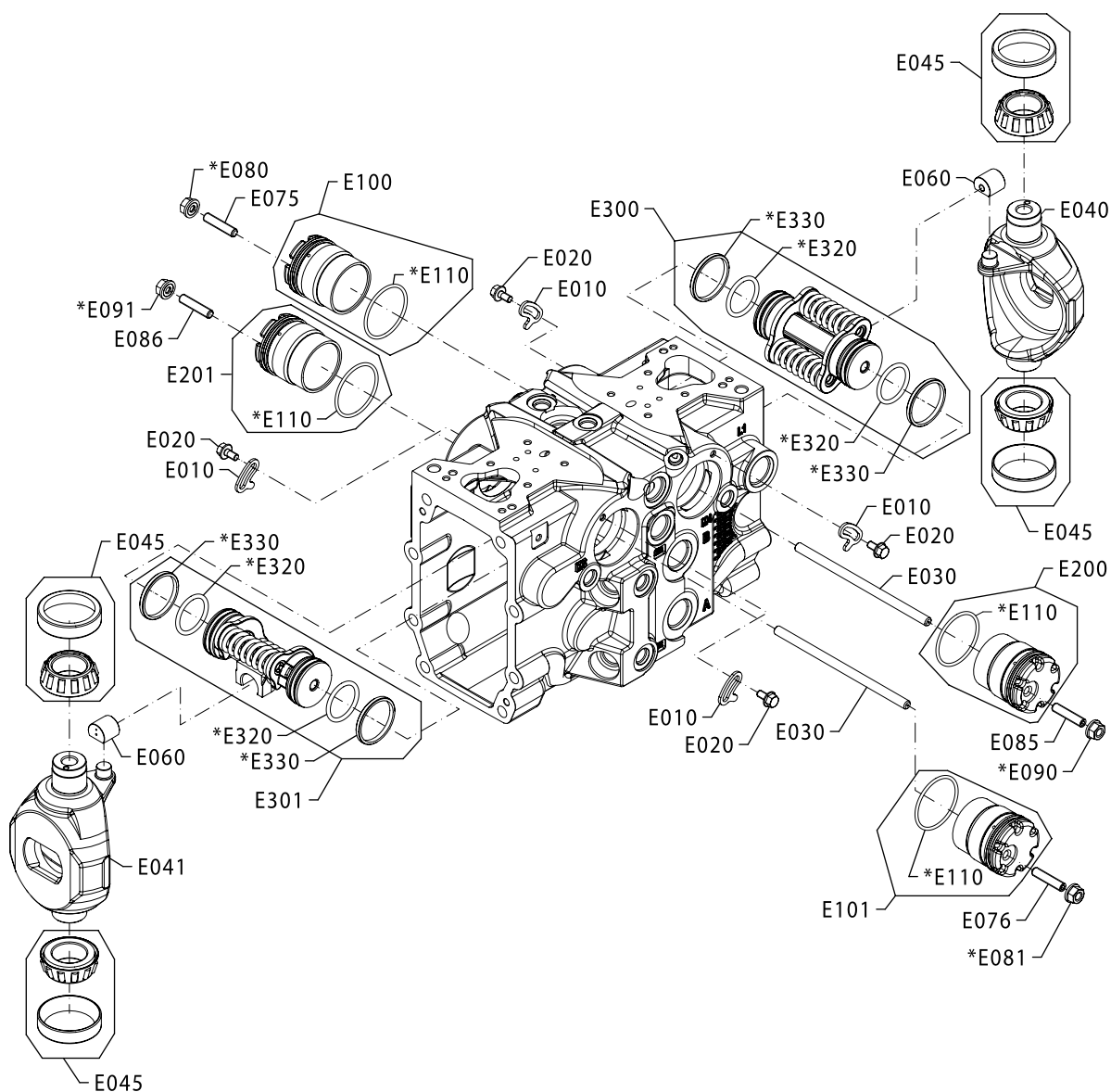
Order code: C

| Item | Date Begin | Date End | Part Number  | Part Name                                | Qty. per Model/Kit |
|------|------------|----------|--------------|------------------------------------------|--------------------|
| E010 | 25-36      |          | 11152763     | Locking plate                            | 4                  |
| E020 | 25-36      |          | 508438       | Screw, M6 x 12                           | 4                  |
| E030 | 25-36      |          | 11154499     | Servo piston guide rod                   | 2                  |
| E040 | 25-36      |          | 11225575     | Swashplate for NFP                       | 1                  |
| E041 | 25-36      |          | 11225575     | Swashplate for NFP                       | 1                  |
| E045 | 25-36      |          | 11154501     | Roller bearing                           | 4                  |
| E060 | 25-36      |          | 11152843     | Slider block                             | 2                  |
| E100 | 25-36      |          | 11170117     | Servo cylinder assembly                  | 1                  |
| E101 | 25-36      |          | 11170117     | Servo cylinder assembly                  | 1                  |
| E200 | 25-36      |          | 11170117     | Servo cylinder assembly                  | 1                  |
| E201 | 25-36      |          | 11170117     | Servo cylinder assembly                  | 1                  |
| E110 | 25-36      |          | 9004104-1350 | O-ring                                   | 4                  |
| E300 | 25-36      |          | 11173674     | Servo piston assembly with nested spring | 1                  |
| E301 | 25-36      |          | 11173674     | Servo piston assembly with nested spring | 1                  |
| E320 | 25-36      |          | KA1A218      | O-ring                                   | 4                  |
| E330 | 25-36      |          | 11154492     | Piston ring                              | 4                  |

## Displacement limitation

### MP1T 28/32 displacement limitation D

#### Parts configuration



P400991

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Displacement limitation

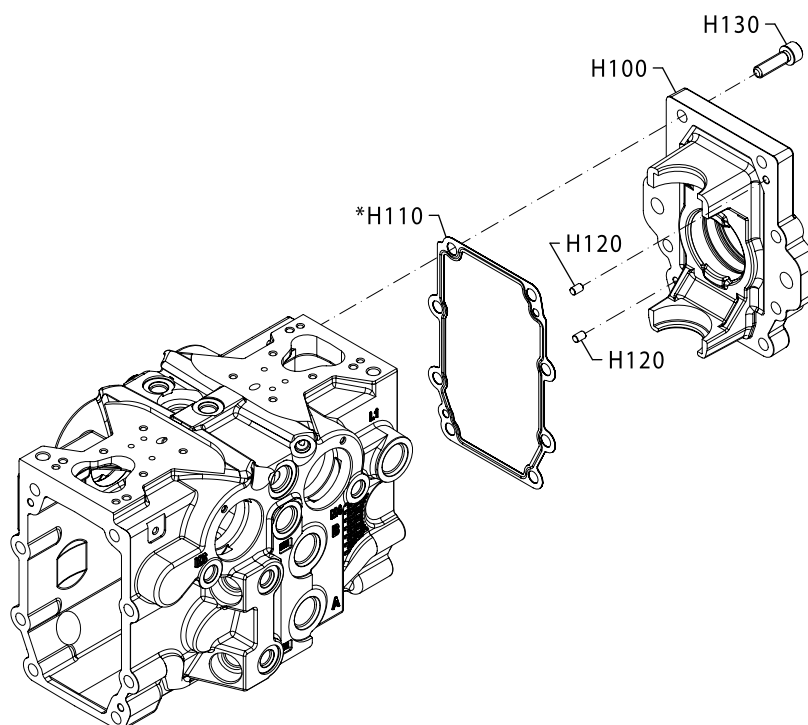
Order code: C

| Item | Date Begin | Date End | Part Number  | Part Name                                | Qty. per Model/Kit |
|------|------------|----------|--------------|------------------------------------------|--------------------|
| E010 | 25-36      |          | 11152763     | Locking plate                            | 4                  |
| E020 | 25-36      |          | 508438       | Screw, M6 x 12                           | 4                  |
| E030 | 25-36      |          | 11154499     | Servo piston guide rod                   | 2                  |
| E040 | 25-36      |          | 11225575     | Swashplate for NFP                       | 1                  |
| E041 | 25-36      |          | 11225575     | Swashplate for NFP                       | 1                  |
| E045 | 25-36      |          | 11154501     | Roller bearing                           | 4                  |
| E060 | 25-36      |          | 11152843     | Slider block                             | 2                  |
| E100 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable      | 1                  |
| E101 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable      | 1                  |
| E200 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable      | 1                  |
| E201 | 25-36      |          | 11173676     | Servo cylinder assembly, adjustable      | 1                  |
| E110 | 25-36      |          | 9004104-1350 | O-ring                                   | 4                  |
| E075 | 25-36      |          | 528711       | Screw, M8 x 35                           | 1                  |
| E076 | 25-36      |          | 528711       | Screw, M8 x 35                           | 1                  |
| E085 | 25-36      |          | 528711       | Screw, M8 x 35                           | 1                  |
| E086 | 25-36      |          | 528711       | Screw, M8 x 35                           | 1                  |
| E080 | 25-36      |          | 505412       | Seal nut, M8                             | 1                  |
| E081 | 25-36      |          | 505412       | Seal nut, M8                             | 1                  |
| E090 | 25-36      |          | 505412       | Seal nut, M8                             | 1                  |
| E091 | 25-36      |          | 505412       | Seal nut, M8                             | 1                  |
| E300 | 25-36      |          | 11173674     | Servo piston assembly with nested spring | 1                  |
| E301 | 25-36      |          | 11173674     | Servo piston assembly with nested spring | 1                  |
| E320 | 25-36      |          | KA1A218      | O-ring                                   | 4                  |
| E330 | 25-36      |          | 11154492     | Piston ring                              | 4                  |

## Mounting flange

### MP1T 28/32 mounting flange F

*Parts configuration*



P400992

Generic housing used to show part location only.

**Mounting flange**

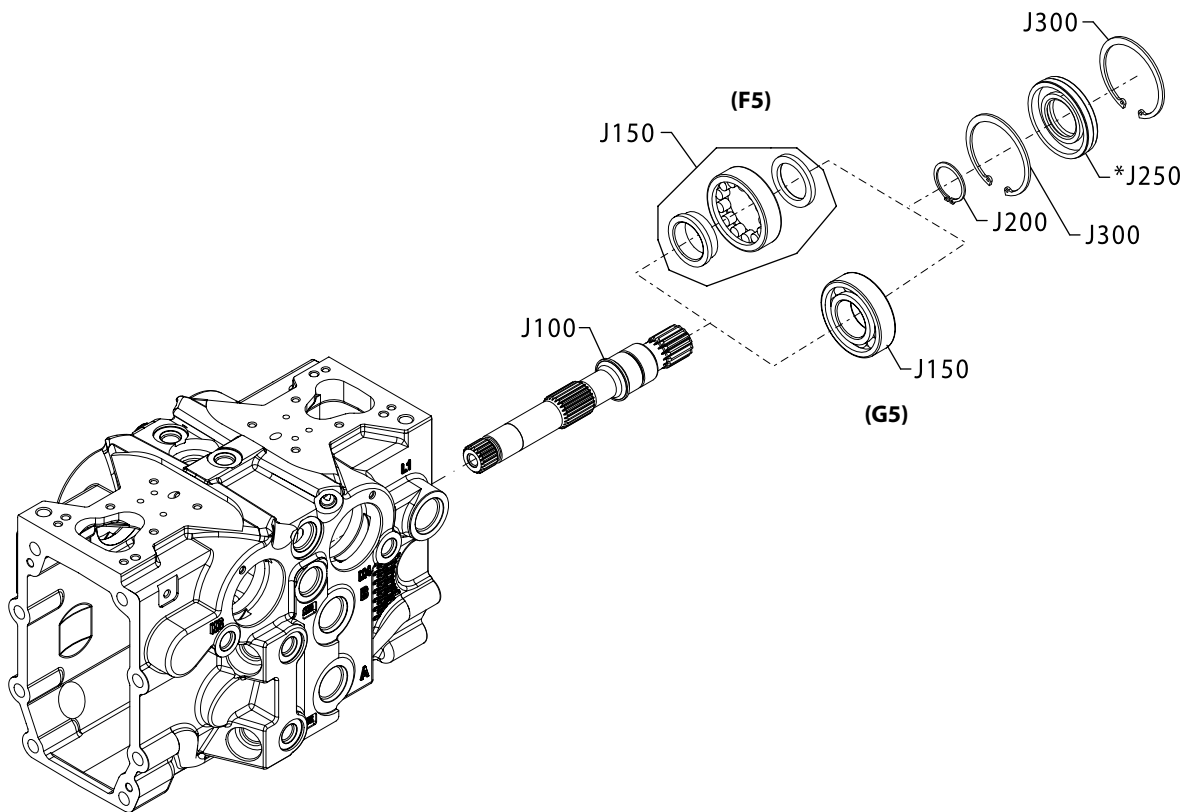
*Order code: F*

| Item | Date Begin | Date End | Part Number  | Part Name                | Qty. per Model/Kit |
|------|------------|----------|--------------|--------------------------|--------------------|
| H100 | 25-36      |          | 11317995     | Front cover              | 1                  |
| H110 | 25-36      |          | 11154506     | Front cover seal gasket  | 1                  |
| H120 | 25-36      |          | 9004800-2506 | Pin                      | 2                  |
| H130 | 25-36      |          | 11181754     | Screw, M10 x 35, special | 8                  |

## Input Shaft

### MP1T 28/32 shaft G5, F5

*Parts configuration*



P400993

## Input Shaft

Order code: G5

| Item | Date Begin | Date End | Part Number | Part Name       | Qty. per Model/Kit |
|------|------------|----------|-------------|-----------------|--------------------|
| J100 | 25-36      |          | 11152017    | Shaft, 15 tooth | 1                  |
| J150 | 25-36      |          | 11165488    | Ball bearing    | 1                  |
| J200 | 25-36      |          | 5000098     | Retaining ring  | 1                  |
| J250 | 25-36      |          | 11165487    | Lip seal        | 1                  |
| J300 | 25-36      |          | FBE062      | Retaining ring  | 2                  |

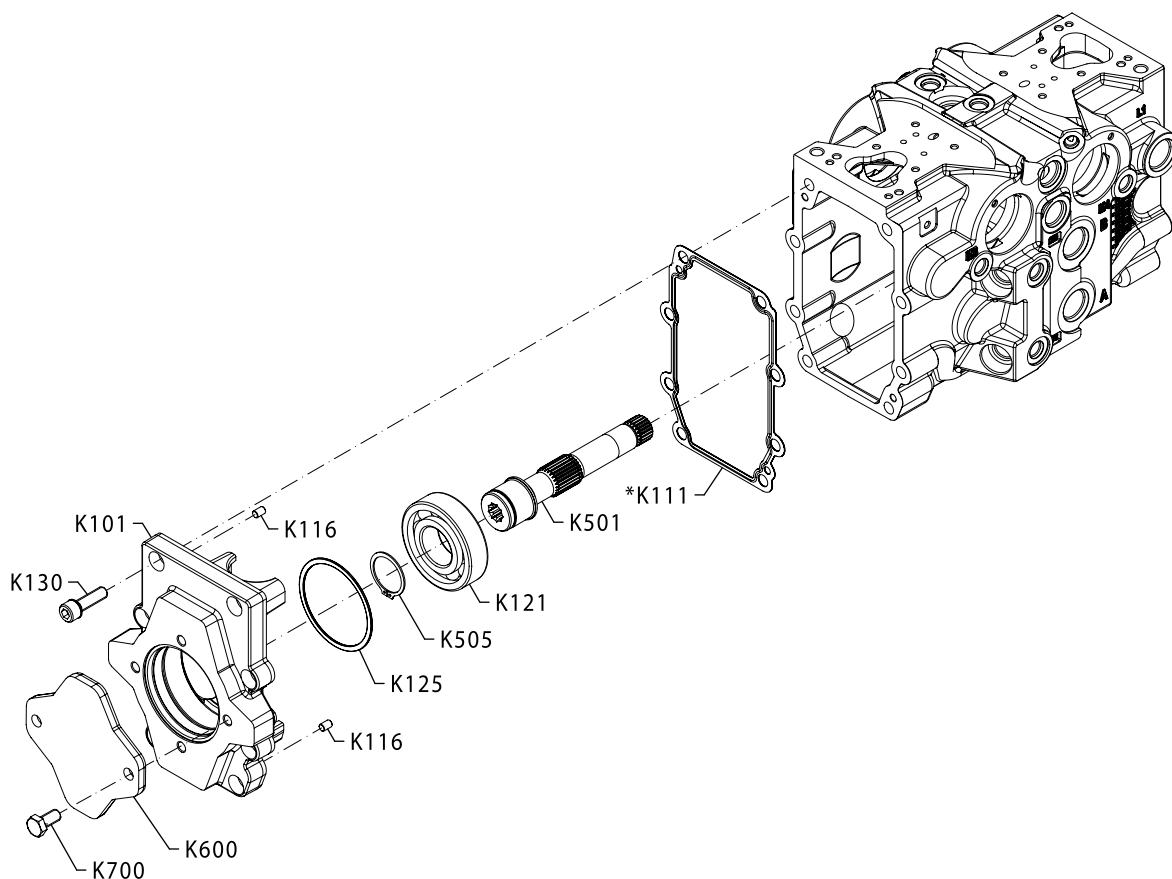
Order code: F5

|      |       |  |          |                          |   |
|------|-------|--|----------|--------------------------|---|
| J100 | 25-36 |  | 11152017 | Shaft, 15 tooth          | 1 |
| J150 | 25-36 |  | 11116439 | Roller bearing (Special) | 1 |
| J200 | 25-36 |  | 5000098  | Retaining ring           | 1 |
| J250 | 25-36 |  | 11165487 | Lip seal                 | 1 |
| J300 | 25-36 |  | FBE062   | Retaining ring           | 2 |

## Auxiliary mounting

### MP1T aux mounting E16, E19

*Parts configuration*



P400994

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Auxiliary mounting

### Common parts

| Item | Date Begin | Date End | Part Number  | Part Name                             | Qty. per Model/Kit |
|------|------------|----------|--------------|---------------------------------------|--------------------|
| K101 | 25-36      |          | 11189476     | Rear cover, SAE-A                     | 1                  |
| K111 | 25-36      |          | 11154506     | Rear cover seal gasket                | 1                  |
| K116 | 25-36      |          | 9004800-2506 | Pin                                   | 2                  |
| K121 | 25-36      |          | 11181873     | Ball bearing                          | 1                  |
| K125 | 25-36      |          | 9006250-0314 | Retaining ring                        | 1                  |
| K130 | 25-36      |          | 11181754     | Screw, M10 x 35, special              | 8                  |
| K505 | 25-36      |          | 9006300-0137 | Retaining ring                        | 1                  |
| K600 | 25-36      |          | 11017125     | Adapter cover, SAE-A (shipping cover) | 1                  |
| K700 | 25-36      |          | 370247       | Screw, M10 x 20                       | 2                  |

### Order code: E16

|      |       |  |          |                |   |
|------|-------|--|----------|----------------|---|
| K501 | 25-36 |  | 11327883 | Rear shaft, 9T | 1 |
|------|-------|--|----------|----------------|---|

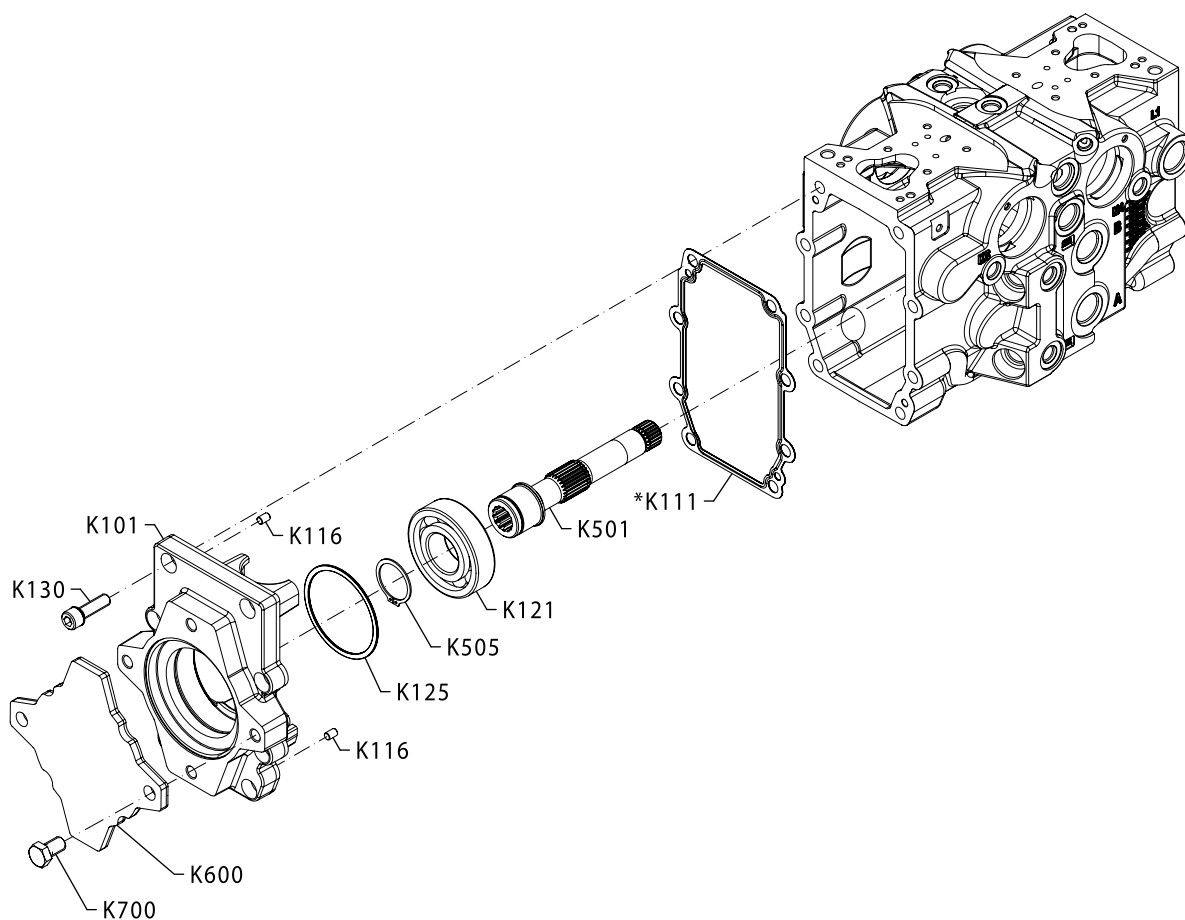
### Order code: E19

|      |       |  |          |                 |   |
|------|-------|--|----------|-----------------|---|
| K501 | 25-36 |  | 11327884 | Rear shaft, 11T | 1 |
|------|-------|--|----------|-----------------|---|

## Auxiliary mounting

### MP1T aux mounting E22

*Parts configuration*



P400995

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Auxiliary mounting

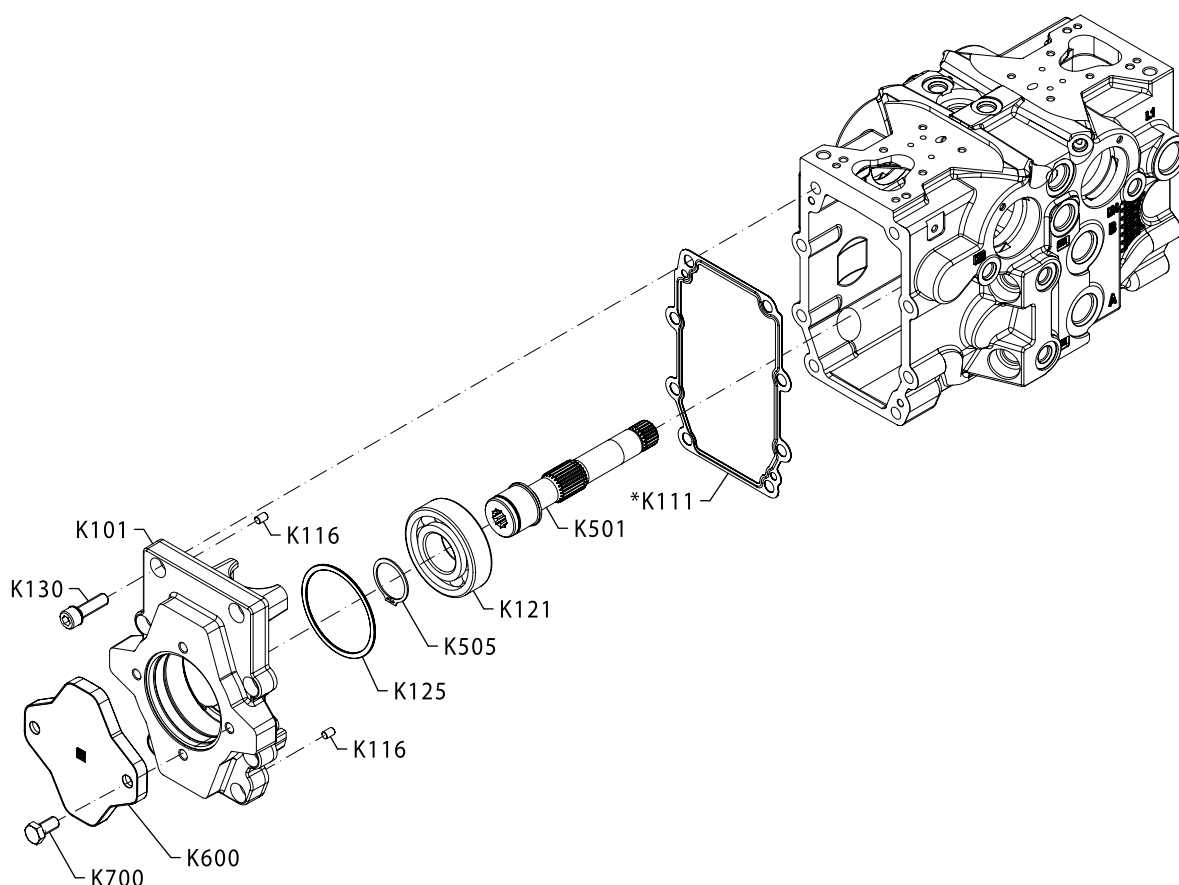
Order code: E22

| Item | Date Begin | Date End | Part Number  | Part Name                             | Qty. per Model/Kit |
|------|------------|----------|--------------|---------------------------------------|--------------------|
| K101 | 25-36      |          | 11317997     | Rear cover, SAE-B                     | 1                  |
| K111 | 25-36      |          | 11154506     | Rear cover seal gasket                | 1                  |
| K116 | 25-36      |          | 9004800-2506 | Pin                                   | 2                  |
| K121 | 25-36      |          | 11181873     | Ball bearing                          | 1                  |
| K125 | 25-36      |          | 9006250-0314 | Retaining ring                        | 1                  |
| K130 | 25-36      |          | 11181754     | Screw, M10 x 35, special              | 8                  |
| K501 | 25-36      |          | 11327871     | Rear shaft, 13T                       | 1                  |
| K505 | 25-36      |          | 9006300-0137 | Retaining ring                        | 1                  |
| K600 | 25-36      |          | 11023746     | Adapter cover, SAE-B (shipping cover) | 1                  |
| K700 | 25-36      |          | 370247       | Screw, M10 x 20                       | 2                  |

## Auxiliary mounting

### MP1T aux mounting E17

*Parts configuration*



P400996

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Auxiliary mounting

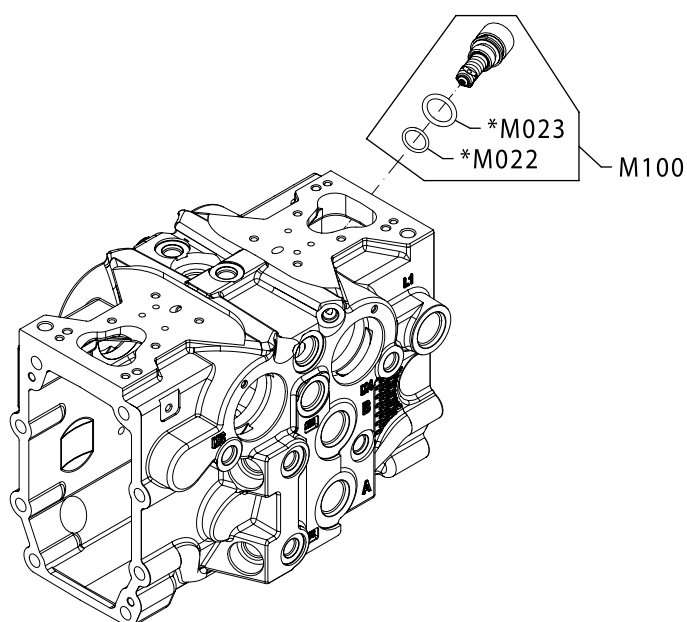
Order code: E22

| Item | Date Begin | Date End | Part Number  | Part Name                            | Qty. per Model/Kit |
|------|------------|----------|--------------|--------------------------------------|--------------------|
| K101 | 25-36      |          | 11189476     | Rear cover, SAE-A                    | 1                  |
| K111 | 25-36      |          | 11154506     | Rear cover seal gasket               | 1                  |
| K116 | 25-36      |          | 9004800-2506 | Pin                                  | 2                  |
| K121 | 25-36      |          | 11181873     | Ball bearing                         | 1                  |
| K125 | 25-36      |          | 9006250-0314 | Retaining ring                       | 1                  |
| K130 | 25-36      |          | 11181754     | Screw, M10 x 35, special             | 8                  |
| K501 | 25-36      |          | 11327883     | Rear shaft, 9T                       | 1                  |
| K505 | 25-36      |          | 9006300-0137 | Retaining ring                       | 1                  |
| K600 | 25-36      |          | 11023746     | Adapter cover, SAE-A (running cover) | 1                  |
| K700 | 25-36      |          | 370247       | Screw, M10 x 20                      | 2                  |

## System protection

### MP1T system protections port A (140-400)

*Parts configuration*



P400997

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## System protection

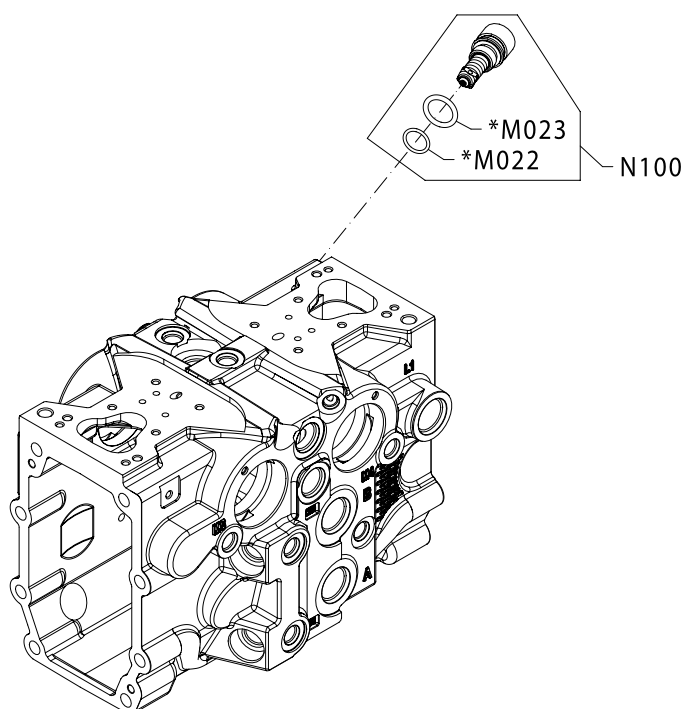
Order code: 140-400 parts

| Order code | Item | Date Begin | Date End | Part Number           | Part Name                              | Qty. per Model/Kit |
|------------|------|------------|----------|-----------------------|----------------------------------------|--------------------|
| all        | M022 | 25-36      |          | 001131 (9004201-5000) | O-ring                                 | 1                  |
|            | M023 | 25-36      |          | 9004100-2110          | O-ring                                 | 1                  |
| 140        | M100 | 25-36      |          | 11224521              | SCR valve assembly, 140 bar [2030 psi] | 1                  |
| 175        | M100 | 25-36      |          | 11224532              | SCR valve assembly, 175 bar [2538 psi] | 1                  |
| 190        | M100 | 25-36      |          | 11224533              | SCR valve assembly, 190 bar [2755 psi] | 1                  |
| 210        | M100 | 25-36      |          | 11224534              | SCR valve assembly, 210 bar [3045 psi] | 1                  |
| 230        | M100 | 25-36      |          | 11224535              | SCR valve assembly, 230 bar [3335 psi] | 1                  |
| 250        | M100 | 25-36      |          | 11224536              | SCR valve assembly, 250 bar [3625 psi] | 1                  |
| 260        | M100 | 25-36      |          | 11224537              | SCR valve assembly, 260 bar [3770 psi] | 1                  |
| 280        | M100 | 25-36      |          | 11224538              | SCR valve assembly, 280 bar [4060 psi] | 1                  |
| 300        | M100 | 25-36      |          | 11224539              | SCR valve assembly, 300 bar [4350 psi] | 1                  |
| 325        | M100 | 25-36      |          | 11224540              | SCR valve assembly, 325 bar [4712 psi] | 1                  |
| 345        | M100 | 25-36      |          | 11224541              | SCR valve assembly, 345 bar [5000 psi] | 1                  |
| 360        | M100 | 25-36      |          | 11224542              | SCR valve assembly, 360 bar [5220 psi] | 1                  |
| 385        | M100 | 25-36      |          | 11224543              | SCR valve assembly, 385 bar [5580 psi] | 1                  |
| 400        | M100 | 25-36      |          | 11233539              | SCR valve assembly, 400 bar [5800 psi] | 1                  |

## System protection

### MP1T system protections port B (140-400)

#### Parts configuration



P400998

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## System protection

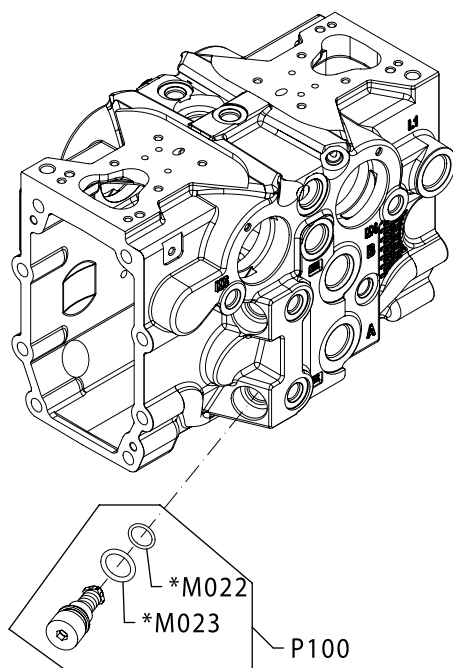
Order code: 140-400 parts

| Order code | Item | Date Begin | Date End | Part Number           | Part Name                              | Qty. per Model/Kit |
|------------|------|------------|----------|-----------------------|----------------------------------------|--------------------|
| all        | M022 | 25-36      |          | 001131 (9004201-5000) | O-ring                                 | 1                  |
|            | M023 | 25-36      |          | 9004100-2110          | O-ring                                 | 1                  |
| 140        | N100 | 25-36      |          | 11224521              | SCR valve assembly, 140 bar [2030 psi] | 1                  |
| 175        | N100 | 25-36      |          | 11224532              | SCR valve assembly, 175 bar [2538 psi] | 1                  |
| 190        | N100 | 25-36      |          | 11224533              | SCR valve assembly, 190 bar [2755 psi] | 1                  |
| 210        | N100 | 25-36      |          | 11224534              | SCR valve assembly, 210 bar [3045 psi] | 1                  |
| 230        | N100 | 25-36      |          | 11224535              | SCR valve assembly, 230 bar [3335 psi] | 1                  |
| 250        | N100 | 25-36      |          | 11224536              | SCR valve assembly, 250 bar [3625 psi] | 1                  |
| 260        | N100 | 25-36      |          | 11224537              | SCR valve assembly, 260 bar [3770 psi] | 1                  |
| 280        | N100 | 25-36      |          | 11224538              | SCR valve assembly, 280 bar [4060 psi] | 1                  |
| 300        | N100 | 25-36      |          | 11224539              | SCR valve assembly, 300 bar [4350 psi] | 1                  |
| 325        | N100 | 25-36      |          | 11224540              | SCR valve assembly, 325 bar [4712 psi] | 1                  |
| 345        | N100 | 25-36      |          | 11224541              | SCR valve assembly, 345 bar [5000 psi] | 1                  |
| 360        | N100 | 25-36      |          | 11224542              | SCR valve assembly, 360 bar [5220 psi] | 1                  |
| 385        | N100 | 25-36      |          | 11224543              | SCR valve assembly, 385 bar [5580 psi] | 1                  |
| 400        | N100 | 25-36      |          | 11233539              | SCR valve assembly, 400 bar [5800 psi] | 1                  |

## System protection

### MP1T system protections port C (140-400)

#### Parts configuration



P400999

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## System protection

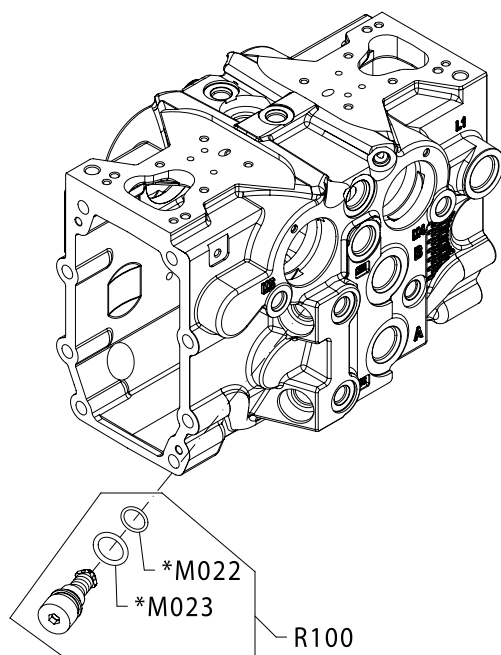
Order code: 140-400 parts

| Order code | Item | Date Begin | Date End | Part Number           | Part Name                              | Qty. per Model/Kit |
|------------|------|------------|----------|-----------------------|----------------------------------------|--------------------|
| all        | M022 | 25-36      |          | 001131 (9004201-5000) | O-ring                                 | 1                  |
|            | M023 | 25-36      |          | 9004100-2110          | O-ring                                 | 1                  |
| 140        | P100 | 25-36      |          | 11224521              | SCR valve assembly, 140 bar [2030 psi] | 1                  |
| 175        | P100 | 25-36      |          | 11224532              | SCR valve assembly, 175 bar [2538 psi] | 1                  |
| 190        | P100 | 25-36      |          | 11224533              | SCR valve assembly, 190 bar [2755 psi] | 1                  |
| 210        | P100 | 25-36      |          | 11224534              | SCR valve assembly, 210 bar [3045 psi] | 1                  |
| 230        | P100 | 25-36      |          | 11224535              | SCR valve assembly, 230 bar [3335 psi] | 1                  |
| 250        | P100 | 25-36      |          | 11224536              | SCR valve assembly, 250 bar [3625 psi] | 1                  |
| 260        | P100 | 25-36      |          | 11224537              | SCR valve assembly, 260 bar [3770 psi] | 1                  |
| 280        | P100 | 25-36      |          | 11224538              | SCR valve assembly, 280 bar [4060 psi] | 1                  |
| 300        | P100 | 25-36      |          | 11224539              | SCR valve assembly, 300 bar [4350 psi] | 1                  |
| 325        | P100 | 25-36      |          | 11224540              | SCR valve assembly, 325 bar [4712 psi] | 1                  |
| 345        | P100 | 25-36      |          | 11224541              | SCR valve assembly, 345 bar [5000 psi] | 1                  |
| 360        | P100 | 25-36      |          | 11224542              | SCR valve assembly, 360 bar [5220 psi] | 1                  |
| 385        | P100 | 25-36      |          | 11224543              | SCR valve assembly, 385 bar [5580 psi] | 1                  |
| 400        | P100 | 25-36      |          | 11233539              | SCR valve assembly, 400 bar [5800 psi] | 1                  |

## System protection

### MP1T system protections port D (140-400)

#### Parts configuration



P401000

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## System protection

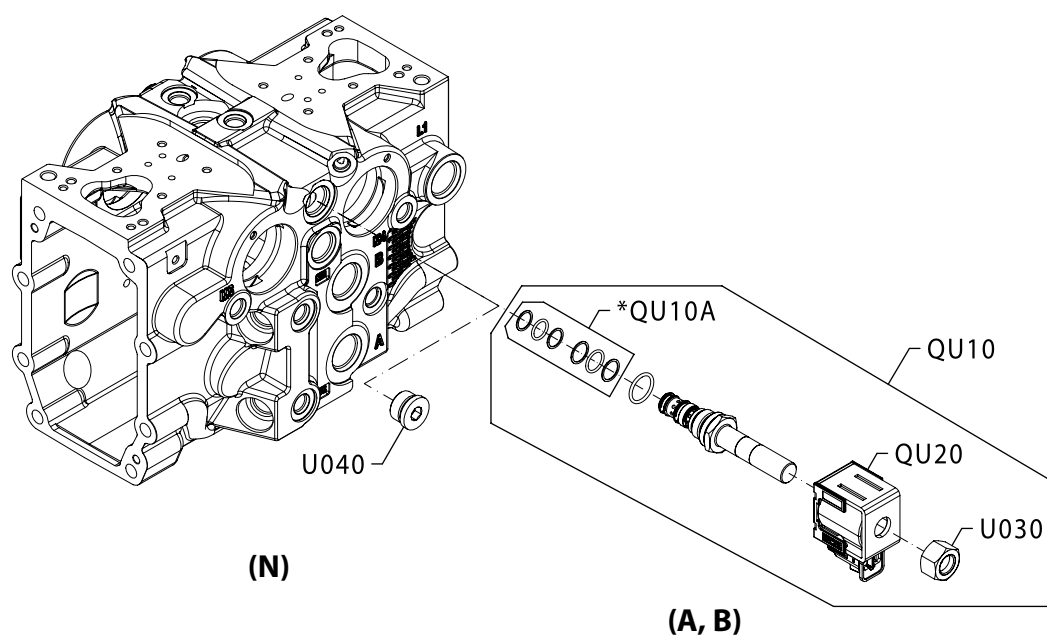
Order code: 140-400 parts

| Order code | Item | Date Begin | Date End | Part Number           | Part Name                              | Qty. per Model/Kit |
|------------|------|------------|----------|-----------------------|----------------------------------------|--------------------|
| all        | M022 | 25-36      |          | 001131 (9004201-5000) | O-ring                                 | 1                  |
|            | M023 | 25-36      |          | 9004100-2110          | O-ring                                 | 1                  |
| 140        | R100 | 25-36      |          | 11224521              | SCR valve assembly, 140 bar [2030 psi] | 1                  |
| 175        | R100 | 25-36      |          | 11224532              | SCR valve assembly, 175 bar [2538 psi] | 1                  |
| 190        | R100 | 25-36      |          | 11224533              | SCR valve assembly, 190 bar [2755 psi] | 1                  |
| 210        | R100 | 25-36      |          | 11224534              | SCR valve assembly, 210 bar [3045 psi] | 1                  |
| 230        | R100 | 25-36      |          | 11224535              | SCR valve assembly, 230 bar [3335 psi] | 1                  |
| 250        | R100 | 25-36      |          | 11224536              | SCR valve assembly, 250 bar [3625 psi] | 1                  |
| 260        | R100 | 25-36      |          | 11224537              | SCR valve assembly, 260 bar [3770 psi] | 1                  |
| 280        | R100 | 25-36      |          | 11224538              | SCR valve assembly, 280 bar [4060 psi] | 1                  |
| 300        | R100 | 25-36      |          | 11224539              | SCR valve assembly, 300 bar [4350 psi] | 1                  |
| 325        | R100 | 25-36      |          | 11224540              | SCR valve assembly, 325 bar [4712 psi] | 1                  |
| 345        | R100 | 25-36      |          | 11224541              | SCR valve assembly, 345 bar [5000 psi] | 1                  |
| 360        | R100 | 25-36      |          | 11224542              | SCR valve assembly, 360 bar [5220 psi] | 1                  |
| 385        | R100 | 25-36      |          | 11224543              | SCR valve assembly, 385 bar [5580 psi] | 1                  |
| 400        | R100 | 25-36      |          | 11233539              | SCR valve assembly, 400 bar [5800 psi] | 1                  |

## Control cut off valve

### MP1T control cut off N, A, B

Parts configuration



P401013

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

### Control cut off valve

Order code: N

| Item | Date Begin | Date End | Part Number  | Part Name     | Qty. per Model/Kit |
|------|------------|----------|--------------|---------------|--------------------|
| U040 | 25-36      |          | 9005110-8700 | plug assembly | 1                  |

Order code: A

|       |       |  |           |                                    |   |
|-------|-------|--|-----------|------------------------------------|---|
| U030  | 25-36 |  | 11036497  | Coil nut                           | 1 |
| QU10  | 25-36 |  | 4510473   | Control cut-off valve kit, 12 volt | 1 |
| QG10A | 25-36 |  | 354003719 | Cartridge seal kit                 | 1 |
| QG20  | 25-36 |  | 11160555  | Coil, 12 volt, DEUTSCH connector   | 1 |

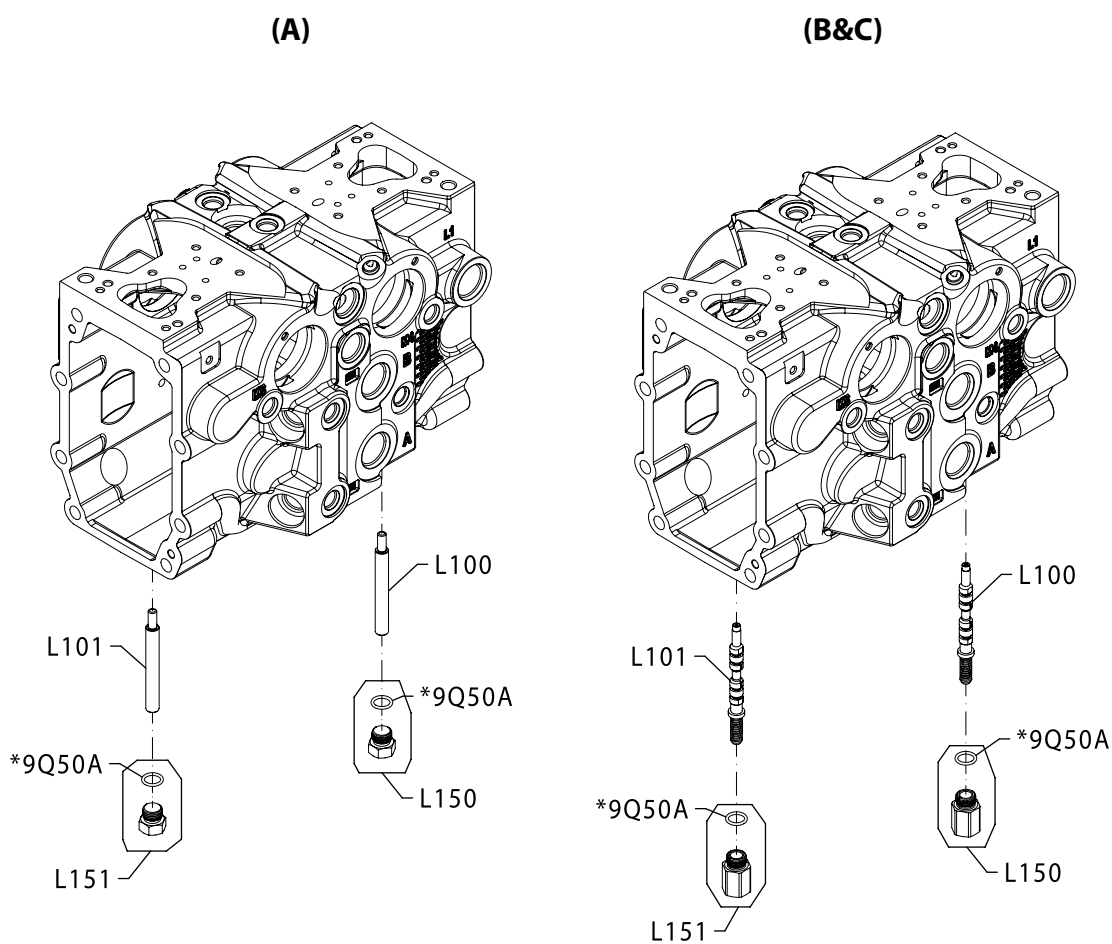
Order code: B

|       |       |  |           |                                    |   |
|-------|-------|--|-----------|------------------------------------|---|
| U030  | 25-36 |  | 11036497  | Coil nut                           | 1 |
| QU10  | 25-36 |  | 11015625  | Control cut-off valve kit, 24 volt | 1 |
| QG10A | 25-36 |  | 354003719 | Cartridge seal kit                 | 1 |
| QG20  | 25-36 |  | 11160558  | Coil, 24 volt, DEUTSCH connector   | 1 |

## Loop flushing

### MP1T loop flushing A, B, C

Parts configuration



P401002

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Loop flushing

Order code: A

| Item  | Date Begin | Date End | Part Number           | Part Name                     | Qty. per Model/Kit |
|-------|------------|----------|-----------------------|-------------------------------|--------------------|
| L100  | 25-36      |          | 11221189              | Loop flushing spool, defeated | 1                  |
| L101  | 25-36      |          | 11221189              | Loop flushing spool, defeated | 1                  |
| L150  | 25-36      |          | 9005100-5600          | Plug assembly                 | 1                  |
| L151  | 25-36      |          | 9005100-5600          | Plug assembly                 | 1                  |
| 9Q50A | 25-36      |          | 085043 (9004201-3700) | O-ring                        | 2                  |

Order code: B

|       |       |  |                       |                                  |   |
|-------|-------|--|-----------------------|----------------------------------|---|
| L100  | 25-36 |  | 11293822              | Loop flushing spool assembly, 6L | 1 |
| L101  | 25-36 |  | 11293822              | Loop flushing spool assembly, 6L | 1 |
| L150  | 25-36 |  | 4800279               | Plug assembly                    | 1 |
| L151  | 25-36 |  | 4800279               | Plug assembly                    | 1 |
| 9Q50A | 25-36 |  | 085043 (9004201-3700) | O-ring                           | 2 |

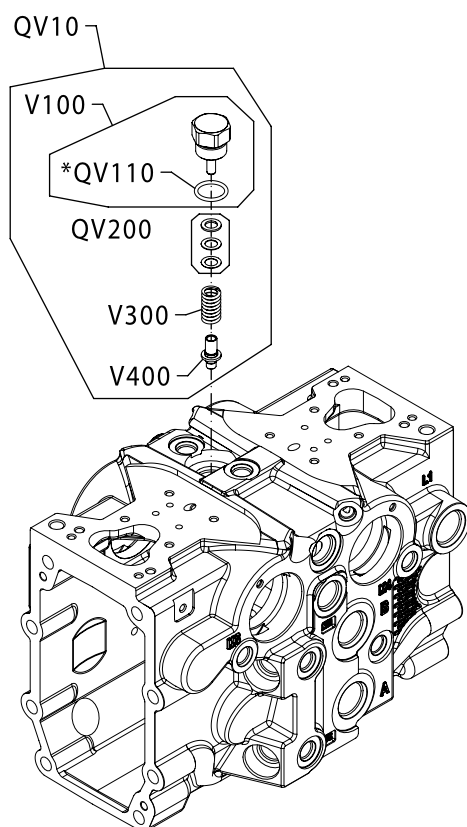
Order code: C

|       |       |  |                       |                                  |   |
|-------|-------|--|-----------------------|----------------------------------|---|
| L100  | 25-36 |  | 11316367              | Loop flushing spool assembly, 9L | 1 |
| L101  | 25-36 |  | 11316367              | Loop flushing spool assembly, 9L | 1 |
| L150  | 25-36 |  | 4800279               | Plug assembly                    | 1 |
| L151  | 25-36 |  | 4800279               | Plug assembly                    | 1 |
| 9Q50A | 25-36 |  | 085043 (9004201-3700) | O-ring                           |   |

## Charge pressure relief

### MP1T charge pressure relief 14-30

*Parts configuration*



P401003

\* Included in overhaul seal kit Q210

Generic housing used to show part location only.

## Charge pressure relief

Order code: 14-30

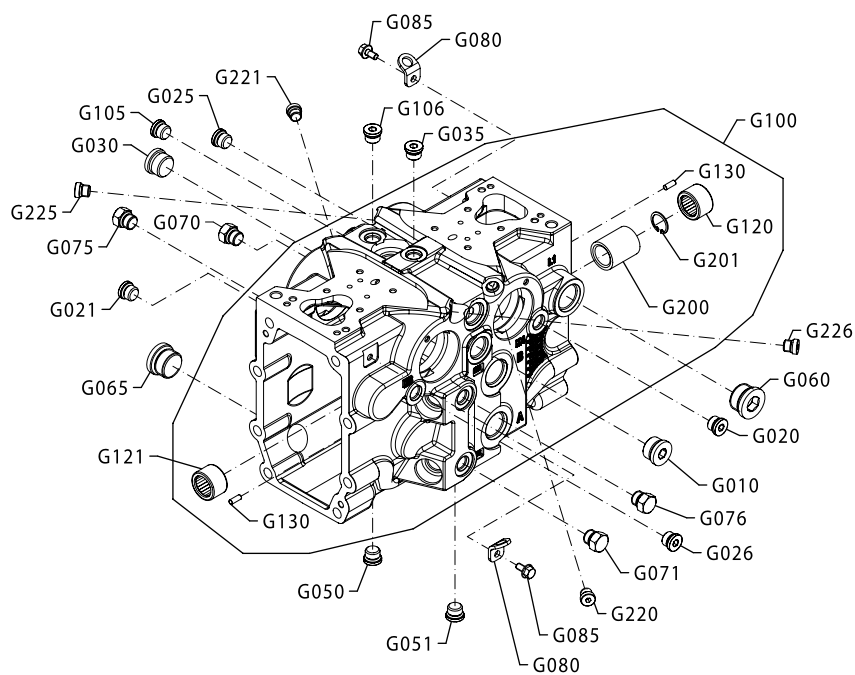
| Item  | Date Begin | Date End | Part Number           | Part Name                          | Qty. per Model/Kit |
|-------|------------|----------|-----------------------|------------------------------------|--------------------|
| QV10  | 25-36      |          | 11266333              | Charge relief valve kit, 14-28 bar | 1                  |
| QV200 | 25-36      |          | 4510027               | Shim kit                           | 1                  |
| V100  | 25-36      |          | 4800308               | Plug assembly                      | 1                  |
| QV110 | 25-36      |          | 001149 (9004201-6200) | O-ring                             | 1                  |
| V300  | 25-36      |          | 4800176               | Spring                             | 1                  |
| V400  | 25-36      |          | 11259146              | Poppet                             | 1                  |

## Porting type

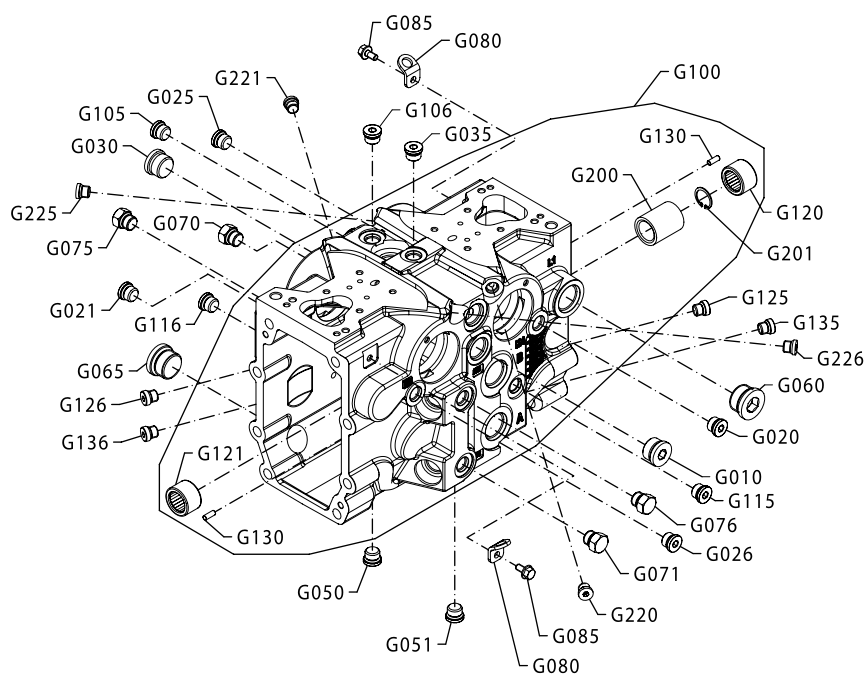
### MP1T System port type & Speed sensor A1, A3

#### Parts configuration

**(A1)**



**(A3)**



P401004

## Porting type

### Common parts

| Item | Date Begin | Date End | Part Number  | Part Name       | Qty. per Model/Kit |
|------|------------|----------|--------------|-----------------|--------------------|
| G010 | 25-36      |          | 9005110-8700 | Plug assembly   | 1                  |
| G020 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G021 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G025 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G026 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G030 | 25-36      |          | 9005110-8700 | Plug assembly   | 1                  |
| G035 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G050 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G051 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G060 | 25-36      |          | 9005110-9000 | Plug assembly   | 1                  |
| G065 | 25-36      |          | 9005110-9000 | Plug assembly   | 1                  |
| G070 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G071 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G075 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G076 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G080 | 25-36      |          | 4800754      | Lifting bracket | 2                  |
| G085 | 25-36      |          | 508438       | Screw, M6 x 12  | 2                  |
| G105 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G106 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G220 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G221 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G225 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G226 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G120 | 25-36      |          | 11060624     | Needle bearing  | 1                  |
| G121 | 25-36      |          | 11060624     | Needle bearing  | 1                  |
| G130 | 25-36      |          | 9004800-1908 | Pin             | 2                  |
| G200 | 25-36      |          | 11170808     | Retaining ring  | 1                  |
| G201 | 25-36      |          | FBE021       | Coupling        | 1                  |

### Order code: A1

|      |       |  |          |                  |   |
|------|-------|--|----------|------------------|---|
| G100 | 25-36 |  | 11347571 | Housing assembly | 1 |
|------|-------|--|----------|------------------|---|

### Order code: A3

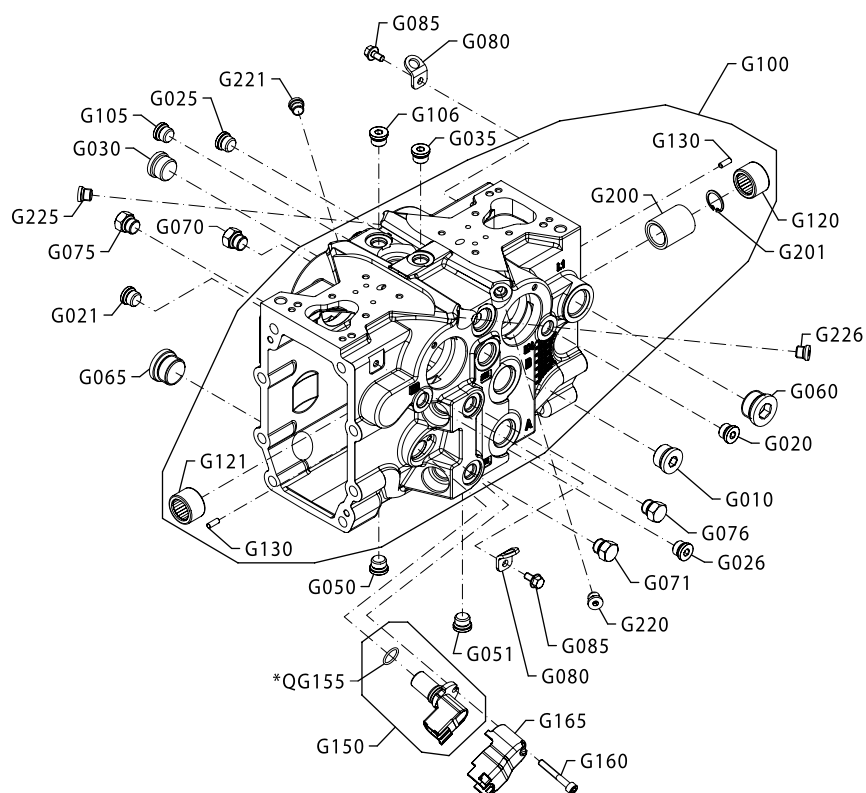
|      |       |  |              |                                   |   |
|------|-------|--|--------------|-----------------------------------|---|
| G100 | 25-36 |  | 11347612     | Housing assembly, with loop flush | 1 |
| G115 | 25-36 |  | 9005110-5600 | Plug assembly                     | 1 |
| G116 | 25-36 |  | 9005110-5600 | Plug assembly                     | 1 |
| G125 | 25-36 |  | 11333943     | Plug assembly special             | 1 |
| G126 | 25-36 |  | 11333943     | Plug assembly special             | 1 |
| G135 | 25-36 |  | 11333943     | Plug assembly special             | 1 |
| G136 | 25-36 |  | 11333943     | Plug assembly special             | 1 |

## Porting type

### MP1T System port type & Speed sensor A4

Parts configuration

**(A4)**



P401005

## Porting type

Order code: A4

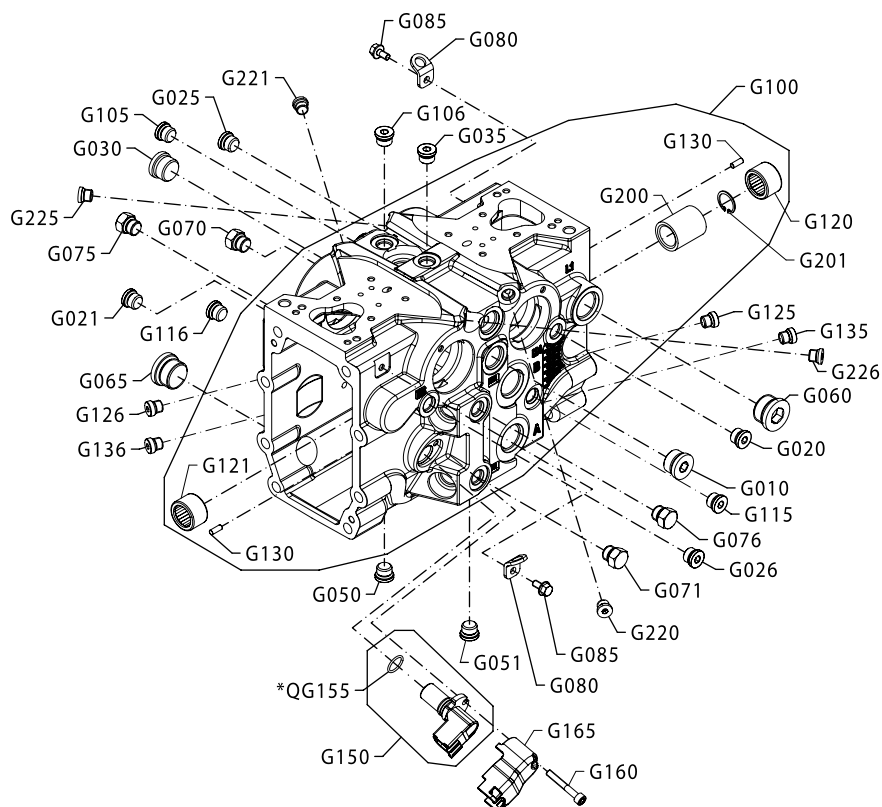
| Item  | Date Begin | Date End | Part Number  | Part Name                           | Qty. per Model/Kit |
|-------|------------|----------|--------------|-------------------------------------|--------------------|
| G010  | 25-36      |          | 9005110-8700 | Plug assembly                       | 1                  |
| G020  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G021  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G025  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G026  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G030  | 25-36      |          | 9005110-8700 | Plug assembly                       | 1                  |
| G035  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G050  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G051  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G060  | 25-36      |          | 9005110-9000 | Plug assembly                       | 1                  |
| G065  | 25-36      |          | 9005110-9000 | Plug assembly                       | 1                  |
| G070  | 25-36      |          | 9005100-5600 | Plug assembly                       | 1                  |
| G071  | 25-36      |          | 9005100-5600 | Plug assembly                       | 1                  |
| G075  | 25-36      |          | 9005100-5600 | Plug assembly                       | 1                  |
| G076  | 25-36      |          | 9005100-5600 | Plug assembly                       | 1                  |
| G080  | 25-36      |          | 4800754      | Lifting bracket                     | 2                  |
| G085  | 25-36      |          | 508438       | Screw, M6 x 12                      | 2                  |
| G105  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G106  | 25-36      |          | 9005110-5600 | Plug assembly                       | 1                  |
| G220  | 25-36      |          | 11333943     | Plug assembly                       | 1                  |
| G221  | 25-36      |          | 11333943     | Plug assembly                       | 1                  |
| G225  | 25-36      |          | 11333943     | Plug assembly                       | 1                  |
| G226  | 25-36      |          | 11333943     | Plug assembly                       | 1                  |
| G120  | 25-36      |          | 11060624     | Needle bearing                      | 1                  |
| G121  | 25-36      |          | 11060624     | Needle bearing                      | 1                  |
| G130  | 25-36      |          | 9004800-1908 | Pin                                 | 2                  |
| G200  | 25-36      |          | 11170808     | Retaining ring                      | 1                  |
| G201  | 25-36      |          | FBE021       | Coupling                            | 1                  |
| G150  | 19-04      |          | 149055       | Speed and temperature sensor        | 1                  |
| QG155 | 19-04      |          | 11013397     | O-ring                              | 1                  |
| G160  | 19-04      |          | 11158928     | Screw                               | 1                  |
| G165  | 19-04      |          | 11187156     | Speed sensor protective cover       | 1                  |
| G100  | 25-36      |          | 11347622     | Housing assembly, with speed sensor | 1                  |

## Porting type

### MP1T System port type & Speed sensor A5

Parts configuration

**(A5)**



P401011

## Porting type

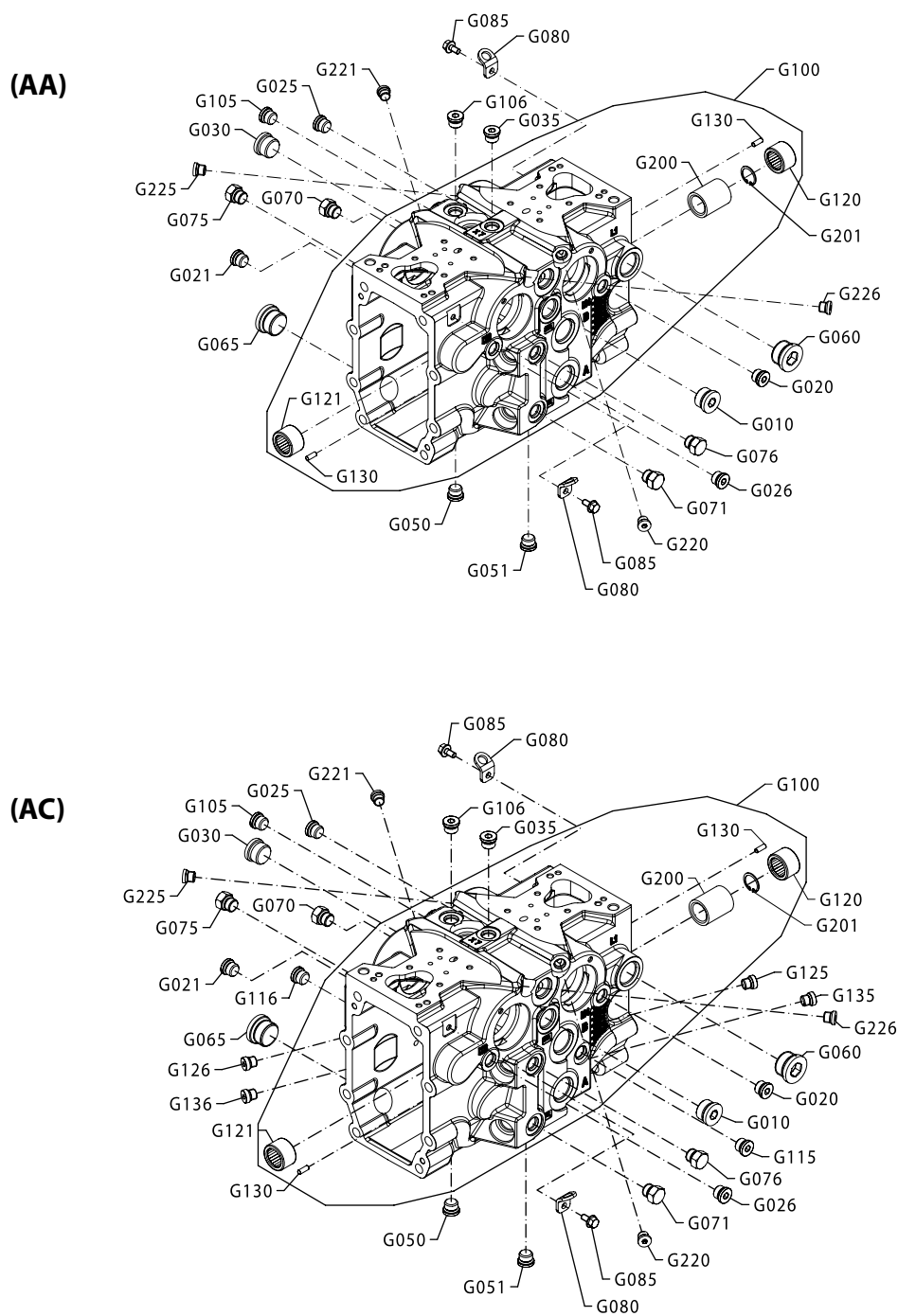
Order code: A5

| Item  | Date Begin | Date End | Part Number  | Part Name                                          | Qty. per Model/Kit |
|-------|------------|----------|--------------|----------------------------------------------------|--------------------|
| G010  | 25-36      |          | 9005110-8700 | Plug assembly                                      | 1                  |
| G020  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G021  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G025  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G026  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G030  | 25-36      |          | 9005110-8700 | Plug assembly                                      | 1                  |
| G035  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G050  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G051  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G060  | 25-36      |          | 9005110-9000 | Plug assembly                                      | 1                  |
| G065  | 25-36      |          | 9005110-9000 | Plug assembly                                      | 1                  |
| G070  | 25-36      |          | 9005100-5600 | Plug assembly                                      | 1                  |
| G071  | 25-36      |          | 9005100-5600 | Plug assembly                                      | 1                  |
| G075  | 25-36      |          | 9005100-5600 | Plug assembly                                      | 1                  |
| G076  | 25-36      |          | 9005100-5600 | Plug assembly                                      | 1                  |
| G080  | 25-36      |          | 4800754      | Lifting bracket                                    | 2                  |
| G085  | 25-36      |          | 508438       | Screw, M6 x 12                                     | 2                  |
| G105  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G106  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G220  | 25-36      |          | 11333943     | Plug assembly                                      | 1                  |
| G221  | 25-36      |          | 11333943     | Plug assembly                                      | 1                  |
| G225  | 25-36      |          | 11333943     | Plug assembly                                      | 1                  |
| G226  | 25-36      |          | 11333943     | Plug assembly                                      | 1                  |
| G120  | 25-36      |          | 11060624     | Needle bearing                                     | 1                  |
| G121  | 25-36      |          | 11060624     | Needle bearing                                     | 1                  |
| G130  | 25-36      |          | 9004800-1908 | Pin                                                | 2                  |
| G200  | 25-36      |          | 11170808     | Retaining ring                                     | 1                  |
| G201  | 25-36      |          | FBE021       | Coupling                                           | 1                  |
| G150  | 19-04      |          | 149055       | Speed and temperature sensor                       | 1                  |
| QG155 | 19-04      |          | 11013397     | O-ring                                             | 1                  |
| G160  | 19-04      |          | 11158928     | Screw                                              | 1                  |
| G165  | 19-04      |          | 11187156     | Speed sensor protective cover                      | 1                  |
| G100  | 25-36      |          | 11347595     | Housing assembly, with loop flush and speed sensor | 1                  |
| G115  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G116  | 25-36      |          | 9005110-5600 | Plug assembly                                      | 1                  |
| G125  | 25-36      |          | 11333943     | Plug assembly special                              | 1                  |
| G126  | 25-36      |          | 11333943     | Plug assembly special                              | 1                  |
| G135  | 25-36      |          | 11333943     | Plug assembly special                              | 1                  |
| G136  | 25-36      |          | 11333943     | Plug assembly special                              | 1                  |

### Porting type

### MP1T System port type & Speed sensor AA, AC

### Parts configuration



P401006

## Porting type

### Common parts

| Item | Date Begin | Date End | Part Number  | Part Name       | Qty. per Model/Kit |
|------|------------|----------|--------------|-----------------|--------------------|
| G010 | 25-36      |          | 9005110-8700 | Plug assembly   | 1                  |
| G020 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G021 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G025 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G026 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G030 | 25-36      |          | 9005110-8700 | Plug assembly   | 1                  |
| G035 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G050 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G051 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G060 | 25-36      |          | 9005110-9000 | Plug assembly   | 1                  |
| G065 | 25-36      |          | 9005110-9000 | Plug assembly   | 1                  |
| G070 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G071 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G075 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G076 | 25-36      |          | 9005100-5600 | Plug assembly   | 1                  |
| G080 | 25-36      |          | 4800754      | Lifting bracket | 2                  |
| G085 | 25-36      |          | 508438       | Screw, M6 x 12  | 2                  |
| G105 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G106 | 25-36      |          | 9005110-5600 | Plug assembly   | 1                  |
| G220 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G221 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G225 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G226 | 25-36      |          | 11333943     | Plug assembly   | 1                  |
| G120 | 25-36      |          | 11060624     | Needle bearing  | 1                  |
| G121 | 25-36      |          | 11060624     | Needle bearing  | 1                  |
| G130 | 25-36      |          | 9004800-1908 | Pin             | 2                  |
| G200 | 25-36      |          | 11170808     | Retaining ring  | 1                  |
| G201 | 25-36      |          | FBE021       | Coupling        | 1                  |

### Order code: AA

|      |       |  |          |                            |   |
|------|-------|--|----------|----------------------------|---|
| G100 | 25-36 |  | 11347799 | Housing assembly, with CCO | 1 |
|------|-------|--|----------|----------------------------|---|

### Order code: AC

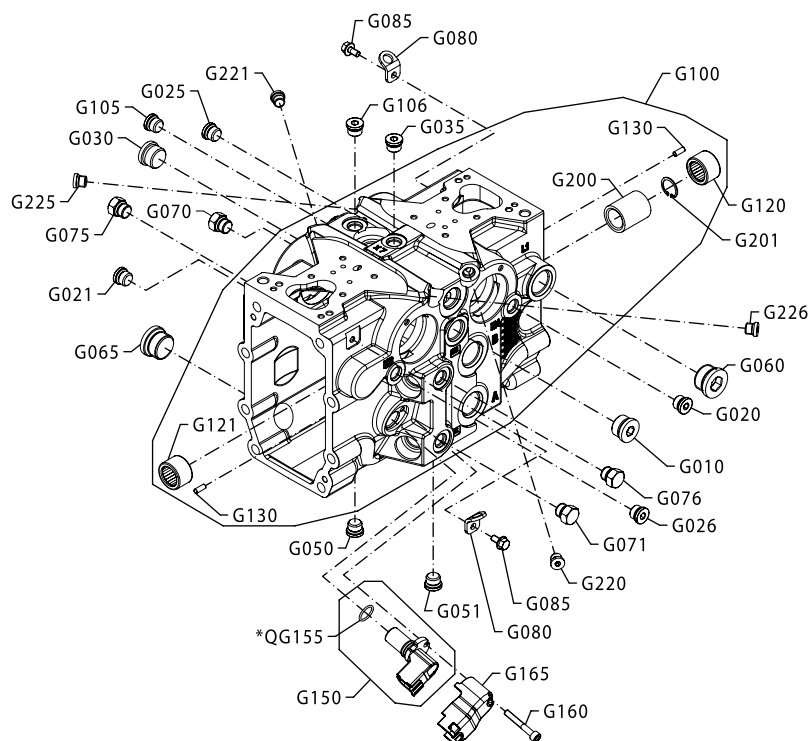
|      |       |  |              |                                           |   |
|------|-------|--|--------------|-------------------------------------------|---|
| G100 | 25-36 |  | 11347800     | Housing assembly, with loop flush and CCO | 1 |
| G115 | 25-36 |  | 9005110-5600 | Plug assembly                             | 1 |
| G116 | 25-36 |  | 9005110-5600 | Plug assembly                             | 1 |
| G125 | 25-36 |  | 11333943     | Plug assembly special                     | 1 |
| G126 | 25-36 |  | 11333943     | Plug assembly special                     | 1 |
| G135 | 25-36 |  | 11333943     | Plug assembly special                     | 1 |
| G136 | 25-36 |  | 11333943     | Plug assembly special                     | 1 |

**Porting type**

**MP1T System port type & Speed sensor AD**

*Parts configuration*

**(AD)**



P401007

## Porting type

Order code: AD

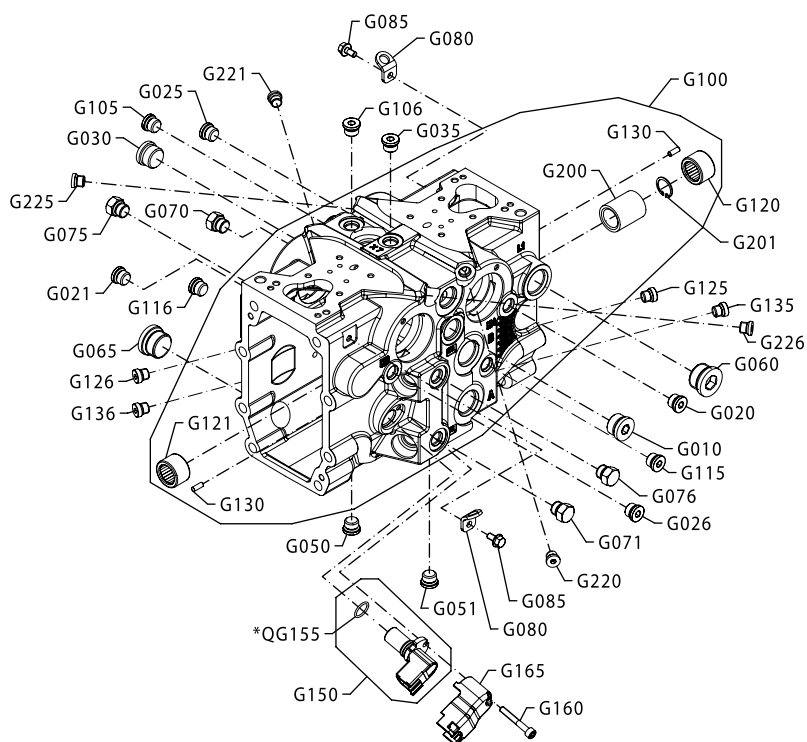
| Item  | Date Begin | Date End | Part Number  | Part Name                                   | Qty. per Model/Kit |
|-------|------------|----------|--------------|---------------------------------------------|--------------------|
| G010  | 25-36      |          | 9005110-8700 | Plug assembly                               | 1                  |
| G020  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G021  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G025  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G026  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G030  | 25-36      |          | 9005110-8700 | Plug assembly                               | 1                  |
| G035  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G050  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G051  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G060  | 25-36      |          | 9005110-9000 | Plug assembly                               | 1                  |
| G065  | 25-36      |          | 9005110-9000 | Plug assembly                               | 1                  |
| G070  | 25-36      |          | 9005100-5600 | Plug assembly                               | 1                  |
| G071  | 25-36      |          | 9005100-5600 | Plug assembly                               | 1                  |
| G075  | 25-36      |          | 9005100-5600 | Plug assembly                               | 1                  |
| G076  | 25-36      |          | 9005100-5600 | Plug assembly                               | 1                  |
| G080  | 25-36      |          | 4800754      | Lifting bracket                             | 2                  |
| G085  | 25-36      |          | 508438       | Screw, M6 x 12                              | 2                  |
| G105  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G106  | 25-36      |          | 9005110-5600 | Plug assembly                               | 1                  |
| G220  | 25-36      |          | 11333943     | Plug assembly                               | 1                  |
| G221  | 25-36      |          | 11333943     | Plug assembly                               | 1                  |
| G225  | 25-36      |          | 11333943     | Plug assembly                               | 1                  |
| G226  | 25-36      |          | 11333943     | Plug assembly                               | 1                  |
| G120  | 25-36      |          | 11060624     | Needle bearing                              | 1                  |
| G121  | 25-36      |          | 11060624     | Needle bearing                              | 1                  |
| G130  | 25-36      |          | 9004800-1908 | Pin                                         | 2                  |
| G200  | 25-36      |          | 11170808     | Retaining ring                              | 1                  |
| G201  | 25-36      |          | FBE021       | Coupling                                    | 1                  |
| G150  | 19-04      |          | 149055       | Speed and temperature sensor                | 1                  |
| G160  | 19-04      |          | 11158928     | Screw                                       | 1                  |
| G165  | 19-04      |          | 11187156     | Speed sensor protective cover               | 1                  |
| QG155 | 19-04      |          | 11013397     | O-ring                                      | 1                  |
| G100  | 25-36      |          | 11347808     | Housing assembly, with speed sensor and CCO | 1                  |

**Porting type**

**MP1T System port type & Speed sensor AE**

*Parts configuration*

**(AE)**



P401012

## Porting type

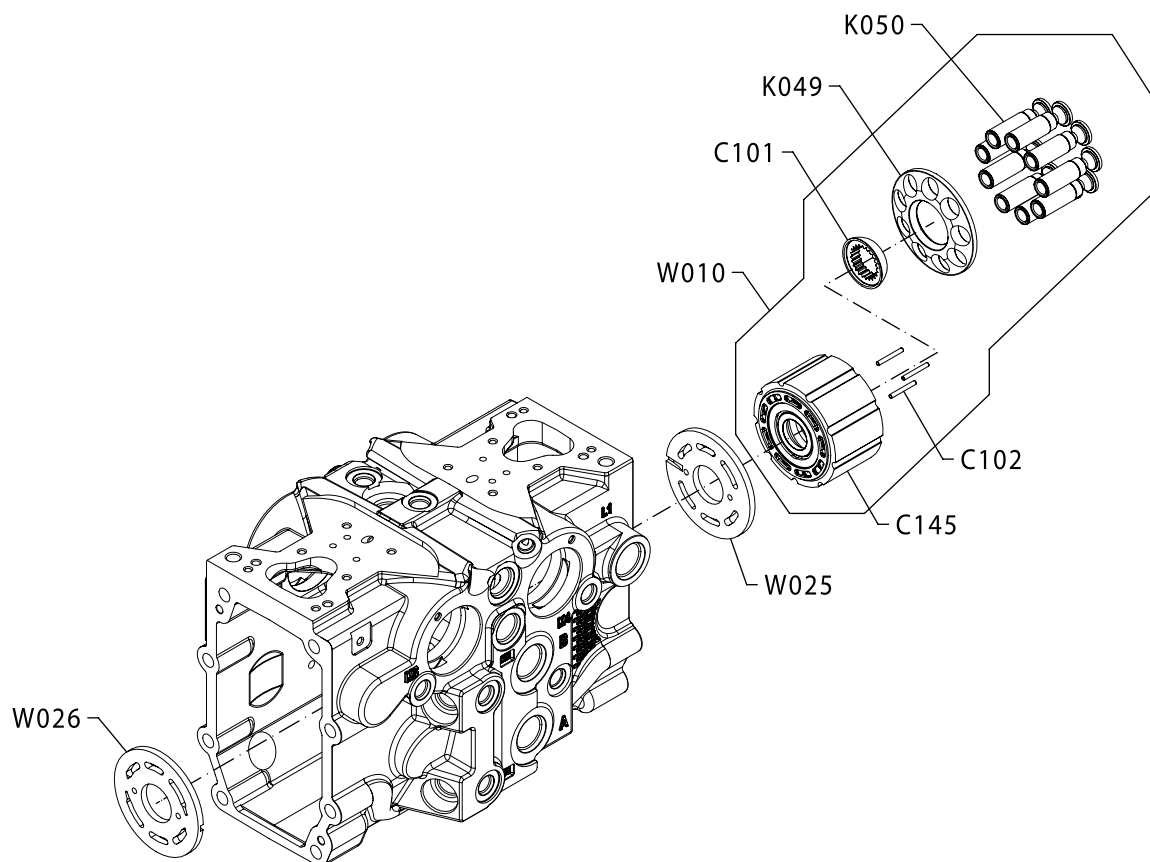
Order code: AE

| Item  | Date Begin | Date End | Part Number  | Part Name                                               | Qty. per Model/Kit |
|-------|------------|----------|--------------|---------------------------------------------------------|--------------------|
| G010  | 25-36      |          | 9005110-8700 | Plug assembly                                           | 1                  |
| G020  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G021  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G025  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G026  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G030  | 25-36      |          | 9005110-8700 | Plug assembly                                           | 1                  |
| G035  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G050  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G051  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G060  | 25-36      |          | 9005110-9000 | Plug assembly                                           | 1                  |
| G065  | 25-36      |          | 9005110-9000 | Plug assembly                                           | 1                  |
| G070  | 25-36      |          | 9005100-5600 | Plug assembly                                           | 1                  |
| G071  | 25-36      |          | 9005100-5600 | Plug assembly                                           | 1                  |
| G075  | 25-36      |          | 9005100-5600 | Plug assembly                                           | 1                  |
| G076  | 25-36      |          | 9005100-5600 | Plug assembly                                           | 1                  |
| G080  | 25-36      |          | 4800754      | Lifting bracket                                         | 2                  |
| G085  | 25-36      |          | 508438       | Screw, M6 x 12                                          | 2                  |
| G105  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G106  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G220  | 25-36      |          | 11333943     | Plug assembly                                           | 1                  |
| G221  | 25-36      |          | 11333943     | Plug assembly                                           | 1                  |
| G225  | 25-36      |          | 11333943     | Plug assembly                                           | 1                  |
| G226  | 25-36      |          | 11333943     | Plug assembly                                           | 1                  |
| G120  | 25-36      |          | 11060624     | Needle bearing                                          | 1                  |
| G121  | 25-36      |          | 11060624     | Needle bearing                                          | 1                  |
| G130  | 25-36      |          | 9004800-1908 | Pin                                                     | 2                  |
| G200  | 25-36      |          | 11170808     | Retaining ring                                          | 1                  |
| G201  | 25-36      |          | FBE021       | Coupling                                                | 1                  |
| G150  | 19-04      |          | 149055       | Speed and temperature sensor                            | 1                  |
| G160  | 19-04      |          | 11158928     | Screw                                                   | 1                  |
| G165  | 19-04      |          | 11187156     | Speed sensor protective cover                           | 1                  |
| QG155 | 19-04      |          | 11013397     | O-ring                                                  | 1                  |
| G100  | 25-36      |          | 11347809     | Housing assembly, with loop flush, speed sensor and CCO | 1                  |
| G115  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G116  | 25-36      |          | 9005110-5600 | Plug assembly                                           | 1                  |
| G125  | 25-36      |          | 11333943     | Plug assembly special                                   | 1                  |
| G126  | 25-36      |          | 11333943     | Plug assembly special                                   | 1                  |
| G135  | 25-36      |          | 11333943     | Plug assembly special                                   | 1                  |
| G136  | 25-36      |          | 11333943     | Plug assembly special                                   | 1                  |

## Special hardware

### MP1T 28/32 special hardware LAC, LAD, LBC, LBD

#### Parts configuration



P401008

Generic housing and control used to show part location only.

## Special hardware

### Common parts

| Item | Date Begin | Date End | Part Number | Part Name              | Qty. per Model/Kit |
|------|------------|----------|-------------|------------------------|--------------------|
| C101 | 25-36      |          | 11151154    | Slipper retainer guide | 1                  |
| C102 | 25-36      |          | 11152764    | Slipper hold down pin  | 3                  |
| K049 | 25-36      |          | 11151155    | Slipper retainer       | 1                  |

### Order code: LAC (Standard, CCW, 28cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 25-36 |  | 11223883 | Cylinder block assembly, 28cc | 1 |
| K050 | 25-36 |  | 11166936 | Piston assembly, 28cc         | 9 |
| W010 | 25-36 |  | 11231515 | Cylinder block kit, 28cc      | 1 |
| W025 | 25-36 |  | 11152373 | Valve plate, CCW              | 1 |
| W026 | 25-36 |  | 11152372 | Valve plate, CW               | 1 |

### Order code: LAD (Standard, CCW, 32cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 25-36 |  | 11223889 | Cylinder block assembly, 32cc | 1 |
| K050 | 25-36 |  | 11166934 | Piston assembly, 32cc         | 9 |
| W010 | 25-36 |  | 11231514 | Cylinder block kit, 32cc      | 1 |
| W025 | 25-36 |  | 11152373 | Valve plate, CCW              | 1 |
| W026 | 25-36 |  | 11152372 | Valve plate, CW               | 1 |

### Order code: LBC (NPF, CCW, 28cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 17-37 |  | 11223883 | Cylinder block assembly, 28cc | 1 |
| K050 | 17-37 |  | 11166936 | Piston assembly, 28cc         | 9 |
| W010 | 17-37 |  | 11231515 | Cylinder block kit, 28cc      | 1 |
| W025 | 17-37 |  | 11195936 | Valve plate, NPF, CCW         | 1 |
| W026 | 25-36 |  | 11195100 | Valve plate, NPF, CW          | 1 |

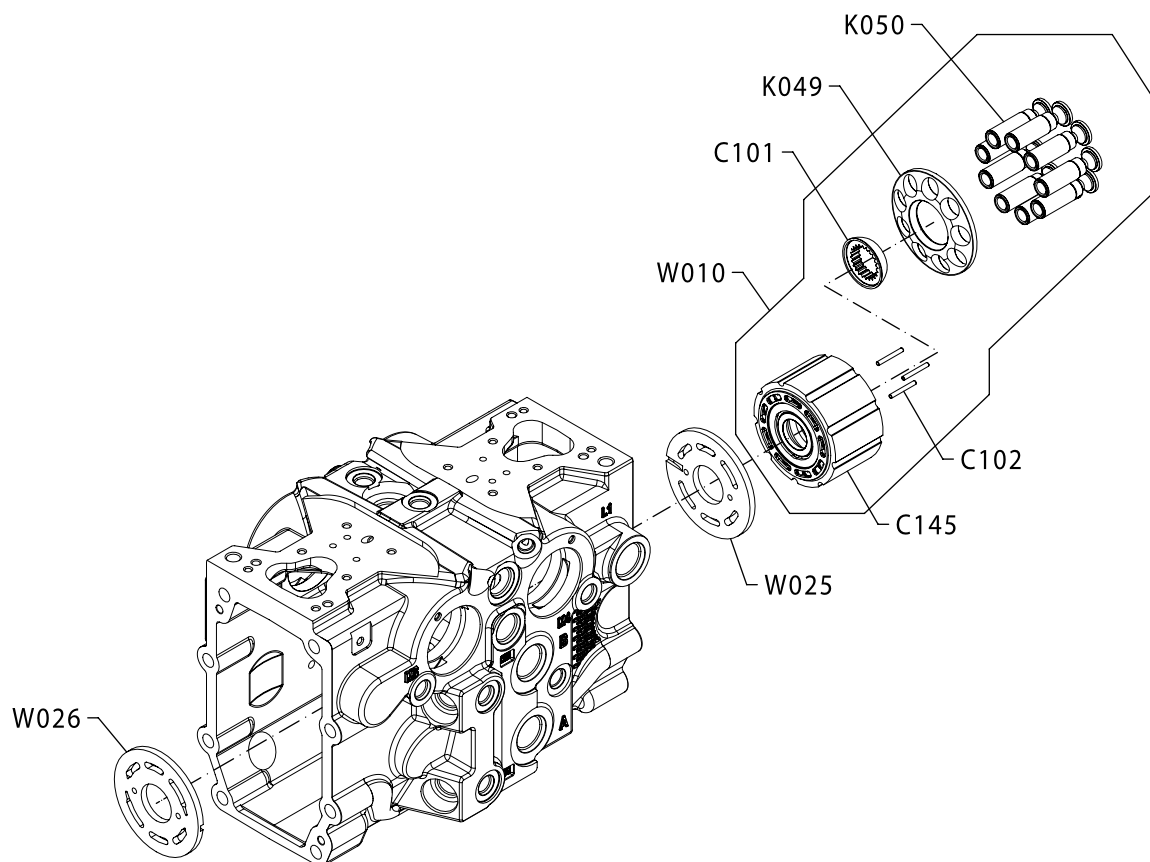
### Order code: LBD (NPF, CCW, 32cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 17-37 |  | 11223889 | Cylinder block assembly, 32cc | 1 |
| K050 | 17-37 |  | 11166934 | Piston assembly, 32cc         | 9 |
| W010 | 17-37 |  | 11231514 | Cylinder block kit, 32cc      | 1 |
| W025 | 17-37 |  | 11195936 | Valve plate, NPF, CCW         | 1 |
| W026 | 25-36 |  | 11195100 | Valve plate, NPF, CW          | 1 |

## Special hardware

### MP1T 28/32 special hardware RAC, RAD, RBC, RBD

#### Parts configuration



P401008

Generic housing and control used to show part location only.

## Special hardware

### Common parts

| Item | Date Begin | Date End | Part Number | Part Name              | Qty. per Model/Kit |
|------|------------|----------|-------------|------------------------|--------------------|
| C101 | 25-36      |          | 11151154    | Slipper retainer guide | 1                  |
| C102 | 25-36      |          | 11152764    | Slipper hold down pin  | 3                  |
| K049 | 25-36      |          | 11151155    | Slipper retainer       | 1                  |

### Order code: RAC (Standard, CW, 28cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 25-36 |  | 11223883 | Cylinder block assembly, 28cc | 1 |
| K050 | 25-36 |  | 11166936 | Piston assembly, 28cc         | 9 |
| W010 | 25-36 |  | 11231515 | Cylinder block kit, 28cc      | 1 |
| W025 | 25-36 |  | 11152372 | Valve plate, CW               | 1 |
| W026 | 25-36 |  | 11152373 | Valve plate, CCW              | 1 |

### Order code: RAD (Standard, CW, 32cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 25-36 |  | 11223889 | Cylinder block assembly, 32cc | 1 |
| K050 | 25-36 |  | 11166934 | Piston assembly, 32cc         | 9 |
| W010 | 25-36 |  | 11231514 | Cylinder block kit, 32cc      | 1 |
| W025 | 25-36 |  | 11152372 | Valve plate, CW               | 1 |
| W026 | 25-36 |  | 11152373 | Valve plate, CCW              | 1 |

### Order code: RBC (NFP, CW, 28cc)

|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 17-37 |  | 11223883 | Cylinder block assembly, 28cc | 1 |
| K050 | 17-37 |  | 11166936 | Piston assembly, 28cc         | 9 |
| W010 | 17-37 |  | 11231515 | Cylinder block kit, 28cc      | 1 |
| W025 | 17-37 |  | 11195100 | Valve plate, NFP, CW          | 1 |
| W026 | 25-36 |  | 11195936 | Valve plate, NFP, CCW         | 1 |

### Order code: RBD (NFP, CW, 32cc)

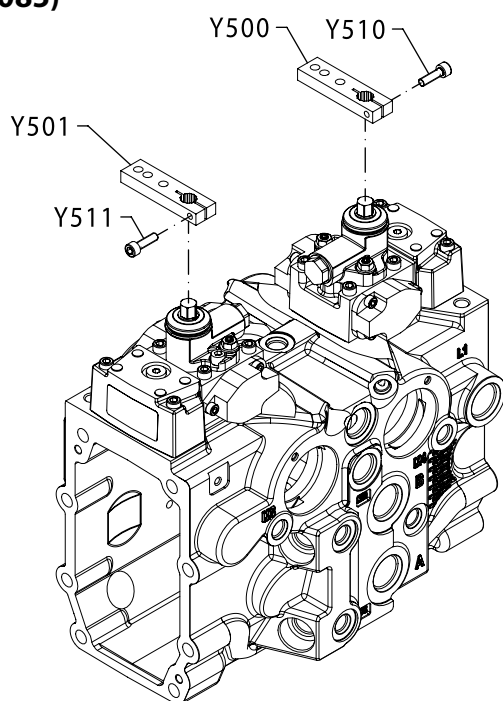
|      |       |  |          |                               |   |
|------|-------|--|----------|-------------------------------|---|
| C145 | 17-37 |  | 11223889 | Cylinder block assembly, 32cc | 1 |
| K050 | 17-37 |  | 11166934 | Piston assembly, 32cc         | 9 |
| W010 | 17-37 |  | 11231514 | Cylinder block kit, 32cc      | 1 |
| W025 | 17-37 |  | 11195100 | Valve plate, NFP, CW          | 1 |
| W026 | 25-36 |  | 11195936 | Valve plate, NFP, CCW         | 1 |

## Settings

### MP1T settings M00A-M085

*Parts configuration*

**(M00A-M085)**



P401009

Generic housing and control used to show part location only.

**Settings**

*Order code: M000A, MNNN, M095, M090, M085*

| Order code | Item | Date Begin | Date End | Part Number | Part Name      | Qty. per Model/Kit |
|------------|------|------------|----------|-------------|----------------|--------------------|
| M00B       | Y500 | 25-36      |          | 11185938    | Control handle | 1                  |
|            | Y510 | 25-36      |          | 11173701    | Screw, M6 x 20 | 1                  |
|            | Y501 | 25-36      |          | 11185938    | Control handle | 1                  |
|            | Y511 | 25-36      |          | 11173701    | Screw, M6 x 20 | 1                  |

## Overhaul Seal Kit

### MP1T 28/32 seal kit

| Item   | Date Begin | Date End | Part Number           | Part Name               | Qty. per Model/Kit |
|--------|------------|----------|-----------------------|-------------------------|--------------------|
|        | 25-36      |          | 11364390              | Overhaul seal kit       | 1                  |
| 9Q50A  | 25-36      |          | 085043 (9004201-3700) | O-ring                  | 2                  |
| D060   | 25-36      |          | 612291 (9003508-0008) | Seal nut, M8            | 2                  |
| D150   | 25-36      |          | 11227209              | Control gasket          | 1                  |
| D151   | 25-36      |          | 11227209              | Control gasket          | 1                  |
| E080   | 25-36      |          | 505412 (9003509-0008) | Seal nut, M8            | 1                  |
| E081   | 25-36      |          | 505412 (9003509-0008) | Seal nut, M8            | 1                  |
| E090   | 25-36      |          | 505412 (9003509-0008) | Seal nut, M8            | 1                  |
| E091   | 25-36      |          | 505412 (9003509-0008) | Seal nut, M8            | 1                  |
| E110   | 25-36      |          | 9004104-1350          | O-ring                  | 4                  |
| E320   | 25-36      |          | KA1A218               | O-ring                  | 4                  |
| E330   | 25-36      |          | 11154492              | Piston seal ring        | 4                  |
| H110   | 25-36      |          | 11154506              | Front cover seal gasket | 1                  |
| J250   | 25-36      |          | 11165487              | Lip seal                | 1                  |
| K110   | 25-36      |          | 11154506              | Front cover seal gasket | 1                  |
| M022   | 25-36      |          | 001131 (9004201-5000) | O-ring                  | 4                  |
| M023   | 25-36      |          | 9004100-2110          | O-ring                  | 4                  |
| QD26   | 25-36      |          | 11001952              | O-ring                  | 2                  |
| QD26R  | 25-36      |          | 11001952              | O-ring                  | 2                  |
| QD751  | 25-36      |          | 001131 (9004201-5000) | O-ring                  | 1                  |
| QD751R | 25-36      |          | 001131 (9004201-5000) | O-ring                  | 1                  |
| QG155  | 25-36      |          | 11013397              | O-ring                  | 1                  |
| QU10A  | 25-36      |          | 354003719             | Seal kit, O-ring        | 1                  |
| QV110  | 25-36      |          | 001149 (9004201-6200) | O-ring                  | 1                  |

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