

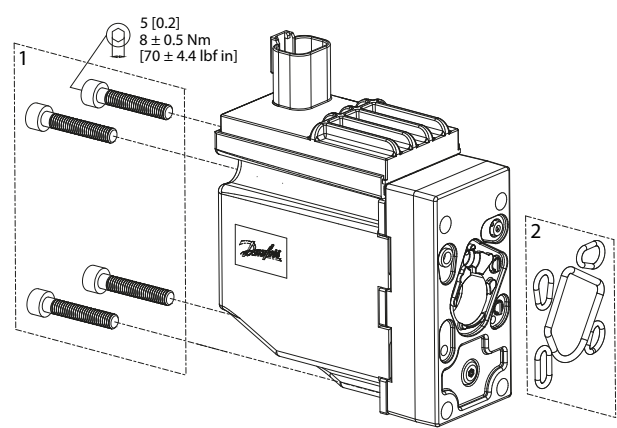
## PVG 32 seal kits

### Seal kits for PVG 32

| Type                             | Description                     | Code number |
|----------------------------------|---------------------------------|-------------|
| PVP/PVPV/PVPVM                   | Module                          | 157B5999    |
| PVB                              | Module                          | 157B6999    |
| PVM/PVH/PVMD/PVMR/PVMF           | Module                          | 157B3999    |
| PVEO/PVEM/PVEP/PVEA/PVEH/PVES    | Module                          | 157B4997    |
| PVDI                             | Module                          | 157B0199    |
| Seal kit for one work section    | For a PVG 32 with 1 PVB section | 157B8999    |
| Seal kit for seven work sections | For a PVG 32 with 7 PVB section | 11156335    |
| PVPX                             | Module                          | 157B5996    |
| PVHC                             | Module                          | 11061235    |
| PVEO/PVEM/PVEH                   | Module before middle 1993       | 157B4999    |
| PVPX                             | Module before 1996              | 157B4998    |
| PVBZ                             | PVBZ with POC                   | 157B6989    |
| PVSP                             | Priority module                 | 157B5999    |

PVG 32 PVE series 4 PVEO

PVEO exploded view



PVEO part kits

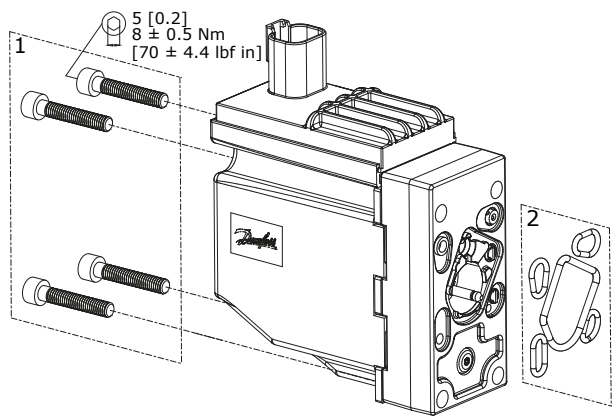
| Type    | Description               | Code number |
|---------|---------------------------|-------------|
| PVEO    | 1x4 DEUTSCH – 12 V        | 157B4291    |
|         | 1x4 DEUTSCH – 24 V        | 157B4292    |
|         | 1x4 AMP – 12 V            | 157B4901    |
|         | 1x4 AMP – 24 V            | 157B4902    |
|         | 1x4 AMP – 24 V (anodized) | 157B4272    |
|         | 1x4 DIN – 12 V            | 157B4216    |
|         | 1x4 DIN – 24 V            | 157B4228    |
|         | 1x4 DIN – 12 V (anodized) | 157B4266    |
|         | 1x4 DIN – 24 V (anodized) | 157B4268    |
| PVEO-R  | 1x4 DEUTSCH – 12 V        | 11109080    |
|         | 1x4 DEUTSCH – 24 V        | 11109092    |
|         | 1x4 AMP – 12 V            | 157B4903    |
|         | 1x4 AMP – 24 V            | 157B4904    |
|         | 1x4 AMP – 24 V (anodized) | 157B4274    |
|         | 1x4 DIN – 12 V            | 157B4217    |
|         | 1x4 DIN – 24 V            | 157B4229    |
| PVEO-DI | 1x4 AMP – 12 V            | 11157283    |
|         | 1x4 AMP – 24 V            | 11157282    |

PVEO parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 4 PVEA

PVEA exploded view



PVEA part kits

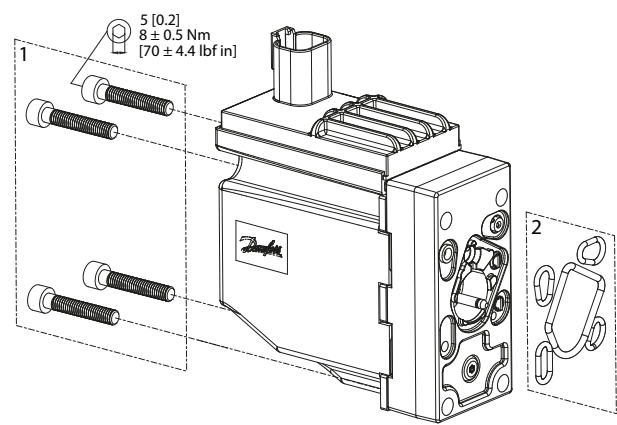
| Type    | Description           | Code number |
|---------|-----------------------|-------------|
| PVEA    | 1x4 DEUTSCH – active  | 157B4792    |
|         | 1x4 DEUTSCH - passive | 11107365    |
|         | 1x4 AMP - active      | 157B4734    |
|         | 1x4 AMP - passive     | 157B4735    |
|         | 1x4 AMP (anodized)    | 157B4775    |
| PVEA-DI | 2x4 DEUTSCH – active  | 157B4796    |
|         | 2x4 AMP – active      | 157B4736    |
|         | 2x4 AMP – passive     | 157B4737    |
| PVEA-NP | 1x6 DEUTSCH - active  | 11105542    |

PVEA parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 4 PVEM

PVEM exploded view

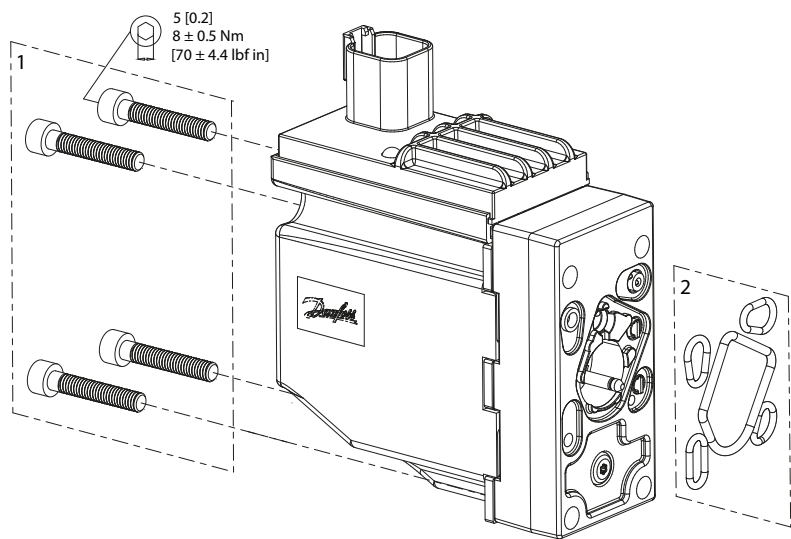


| Type     | Description    | Code number |
|----------|----------------|-------------|
| PVEM     | 1x4 DIN – 12 V | 157B4116    |
|          | 1x4 DIN – 24 V | 157B4128    |
| PVEM-FLB | 1x4 DIN – 12 V | 157B4416    |
|          | 1x4 DIN – 24 V | 157B4428    |
| PVEM-R   | 1x4 DIN – 12 V | 157B4516    |
|          | 1x4 DIN – 24 V | 157B4528    |

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 4 PVEP

PVEP exploded view



PVEP kit

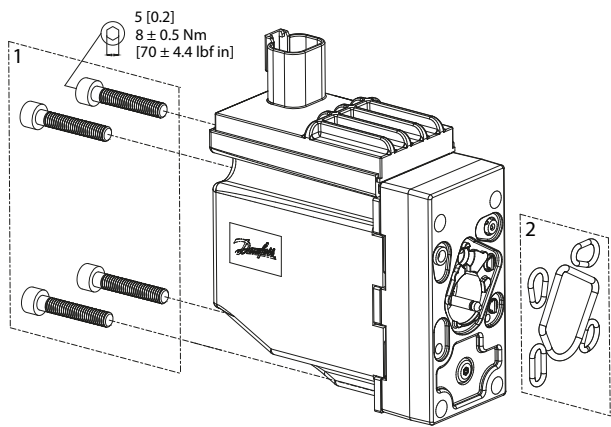
| Description          | Code number |
|----------------------|-------------|
| 1x6 DEUTSCH - active | 11034832    |

PVEP parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 4 PVEU

PVEU exploded view



PVEU kits

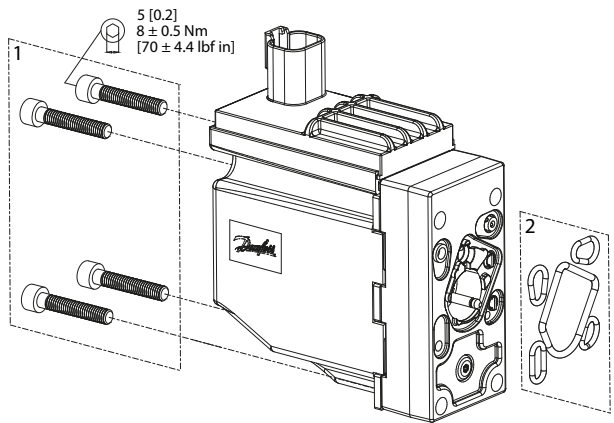
| Description           | Code number |
|-----------------------|-------------|
| 1x4 DEUTSCH - passive | 11089090    |
| 1x4 AMP - active      | 11089091    |
| 1x4 AMP – active      | 157B4044    |
| 1x4 AMP – passive     | 157B4045    |

PVEU parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 4 PVEH

PVEH exploded view



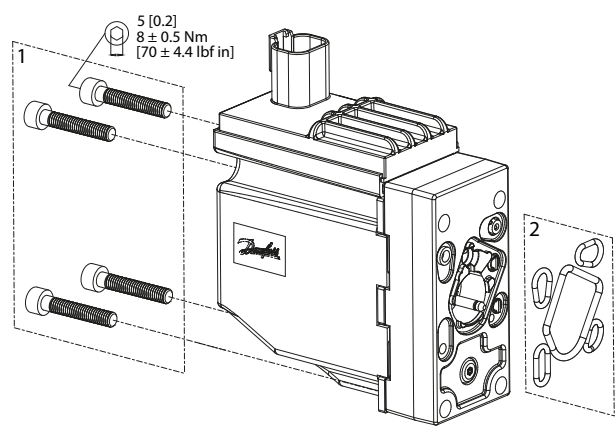
PVEH part kits

| Type     | Description                  | Code number |
|----------|------------------------------|-------------|
| PVEH     | 1x4 DEUTSCH – active         | 157B4092    |
|          | 1x4 DEUTSCH - passive        | 157B4093    |
|          | 1x4 AMP – active             | 157B4034    |
|          | 1x4 AMP – passive            | 157B4035    |
|          | 1x4 AMP – active (anodized)  | 157B4074    |
|          | 1x4 AMP – passive (anodized) | 157B4075    |
|          | 1x4 DIN – active             | 157B4032    |
|          | 1x4 DIN – passive            | 157B4033    |
|          | 1x4 DIN – active (anodized)  | 157B4073    |
| PVEH-FLA | 1x6 DEUTSCH - active         | 157B4398    |
|          | 1x6 AMP - active             | 157B4338    |
| PVEH-FLB | 1x6 DEUTSCH - passive        | 157B4392    |
|          | 1x6 DIN - active             | 157B4332    |
| PVEH-DI  | 2x4 DEUTSCH – active         | 157B4096    |
|          | 2x4 AMP - active             | 157B4036    |
|          | 2x4 AMP - passive            | 157B4037    |
| PVEH-NP  | 1x6 DEUTSCH - active         | 11105543    |

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 4 PVES

PVES exploded view



PVES kits

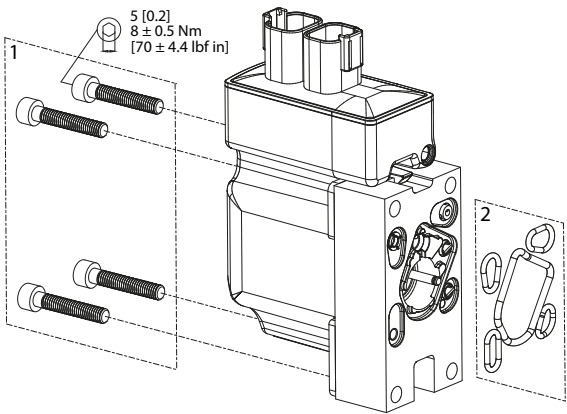
| Type    | Description                           | Code number |
|---------|---------------------------------------|-------------|
| PVES    | 1x4 DEUTSCH – active                  | 157B4892    |
|         | 1x4 DEUTSCH - passive                 | 11089276    |
|         | 1x4 DEUTSCH – active (Fast-no memory) | 157B4894    |
|         | 1x4 AMP – active                      | 157B4834    |
|         | 1x4 AMP – passive                     | 157B4835    |
|         | 1x4 AMP – passive (anodized)          | 157B4865    |
|         | 1x4 DIN – active                      | 157B4832    |
|         | 1x4 DIN – passive                     | 157B4833    |
| PVES-SP | 1x6 DEUTSCH - passive                 | 11108994    |

PVES parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVED-CC series 5

PVED-CC exploded view



PVED-CC kits

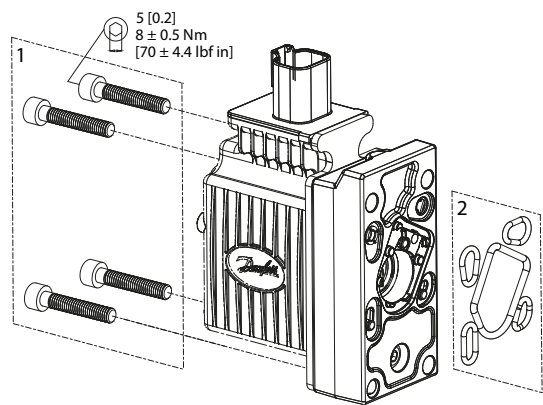
| Type                              | Description                             | Code number |
|-----------------------------------|-----------------------------------------|-------------|
| PVED-CC                           | 2x4 DEUTSCH – ISOBus                    | 11107869    |
|                                   | 2x4 AMP – ISOBus                        | 11107870    |
|                                   | 2x4 DEUTSCH – CANopen                   | 11172734    |
|                                   | 2x4 AMP – CANopen                       | 11169142    |
| Spare parts for DEUTSCH-connector | 4 m cable                               | 11007498    |
|                                   | 0.1 m loop cable                        | 11007531    |
|                                   | 0.3 m loop cable                        | 11111916    |
|                                   | 0.175 m loop cable                      | 11095622    |
|                                   | CAN bus terminator                      | 11007561    |
| Spare parts for AMP-connector     | 4 m cable with gray connector           | 157B4994    |
|                                   | 4 m cable with black connector          | 157B4995    |
|                                   | 0.1 m loop cable                        | 157B4987    |
|                                   | 0.175 m loop cable                      | 11095581    |
|                                   | CAN bus terminator with gray connector  | 11163647    |
|                                   | CAN bus terminator with black connector | 157B4988    |

PVED-CC parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 7 PVEO

PVEO exploded view



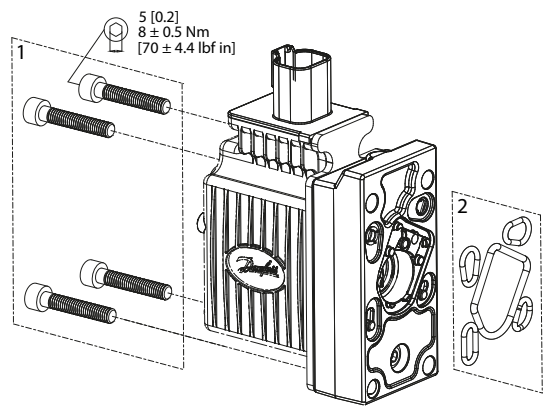
PVE 7 PVEO part kits

| Type    | Description        | Code number |
|---------|--------------------|-------------|
| PVEO    | 1x4 DEUTSCH – 12 V | 11166843    |
|         | 1x4 DEUTSCH – 24 V | 11166838    |
|         | 1x4 AMP - 12 V     | 11166866    |
|         | 1x4 AMP - 24 V     | 11166837    |
|         | 1x4 DIN - 12 V     | 11166836    |
|         | 1x4 DIN - 24 V     | 11166743    |
| PVEO-R  | 1x4 DEUTSCH – 12 V | 11166753    |
|         | 1x4 DEUTSCH – 24 V | 11166754    |
|         | 1x4 AMP - 12 V     | 11166867    |
|         | 1x4 AMP - 24 V     | 11166776    |
|         | 1x4 DIN - 12 V     | 11166831    |
|         | 1x4 DIN - 24 V     | 11166908    |
| PVEO-DI | 2x4 AMP – 12 V     | 11168740    |
|         | 2x4 AMP – 24 V     | 11166869    |

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

**PVG 32 PVE series 7 PVEO-HP**

*PVE series 7 PVEO-HP exploded view*



*PVEO-HP kits*

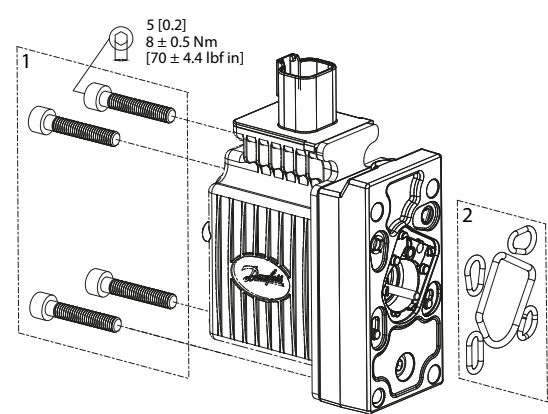
| Description        | Code number |
|--------------------|-------------|
| 1x4 DEUTSCH – 12 V | 11166765    |
| 1x4 DEUTSCH – 24 V | 11166766    |
| 1x4 AMP - 12 V     | 11166763    |
| 1x4 AMP - 24 V     | 11187524    |
| 1x4 DIN - 12 V     | 11187551    |
| 1x4 DIN - 24 V     | 11187562    |

*Parts list*

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 7 PVEM

PVEM exploded view



PVE series 7 PVEM kits

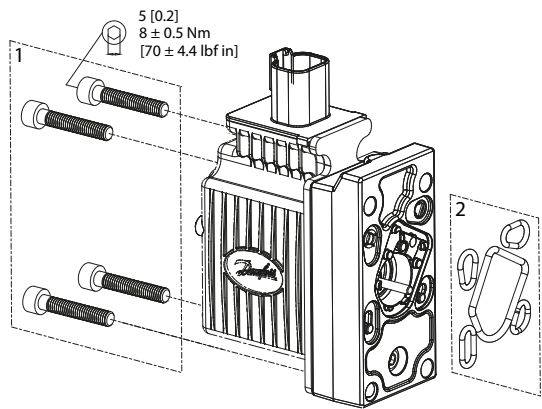
| Type     | Description       | Code number |
|----------|-------------------|-------------|
| PVEM     | 1x4 DIN – passive | 11166829    |
| PVEM-FLB | 1x4 DIN – passive | 11166852    |
| PVEM-R   | 1x4 DIN – passive | 11166845    |
| PVEM-Q   | 1x4 DIN – passive | 11166853    |

Parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 7 PVEA

PVEA exploded view



PVEA kits

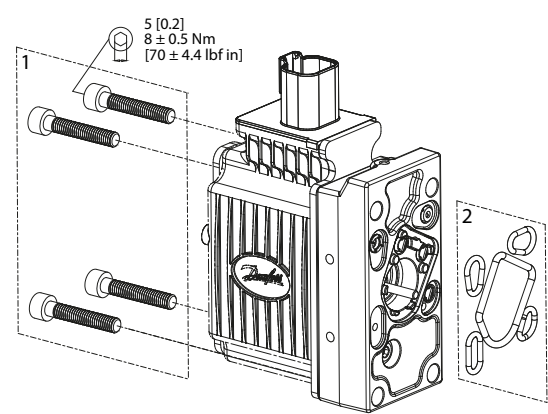
| Type    | Description           | Code number |
|---------|-----------------------|-------------|
| PVEA    | 1x4 DEUTSCH - active  | 11177346    |
|         | 1x4 DEUTSCH - passive | 11177347    |
|         | 1x4 AMP – active      | 11177348    |
|         | 1x4 AMP – passive     | 11177353    |
| PVEA-NP | 1x6 DEUTSCH – active  | 11177345    |
| PVEA-DI | 2x4 DEUTSCH – passive | 11177357    |
|         | 2x4 AMP – active      | 11177356    |
|         | 2x4 AMP – passive     | 11177355    |

Parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 7 PVEH

PVEH exploded view



PVEH kits

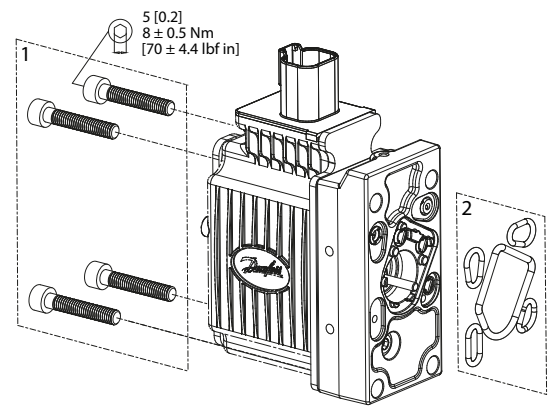
| Type     | Description               | Code number |
|----------|---------------------------|-------------|
| PVEH     | 1x4 DEUTSCH - passive     | 11166732    |
|          | 1x4 DEUTSCH - active      | 11166775    |
|          | 1x4 AMP – passive         | 11166825    |
|          | 1x4 AMP – active          | 11166818    |
|          | 1x4 DIN – passive         | 11166824    |
|          | 1x4 DIN – active          | 11166817    |
| PVEH-U   | 1x4 AMP – passive         | 11166832    |
|          | 1x4 AMP – active          | 11166821    |
|          | 1x4 DIN – passive         | 11166770    |
|          | 1x4 DIN – active          | 11166772    |
| PVEH-FLB | 1x4 DEUTSCH – passive     | 11166840    |
|          | 1x4 DEUTSCH – active      | 11166742    |
|          | 1x4 DIN – active          | 11166839    |
| PVEH-FLA | 1x6 DIN – active          | 11166841    |
|          | 1x6 AMP – passive         | 11168738    |
|          | 1x6 AMP – active          | 11168739    |
| PVEH-SP  | 1x6 DEUTSCH – active      | 11166773    |
| PVEH-NP  | 1x6 DEUTSCH – fast active | 11166750    |
| PVEH-DI  | 2x4 DEUTSCH – active      | 11166835    |
|          | 2x4 AMP – passive         | 11166820    |
|          | 2x4 AMP – active          | 11166819    |

Parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

PVG 32 PVE series 7 PVES

PVES exploded view



PVES kits

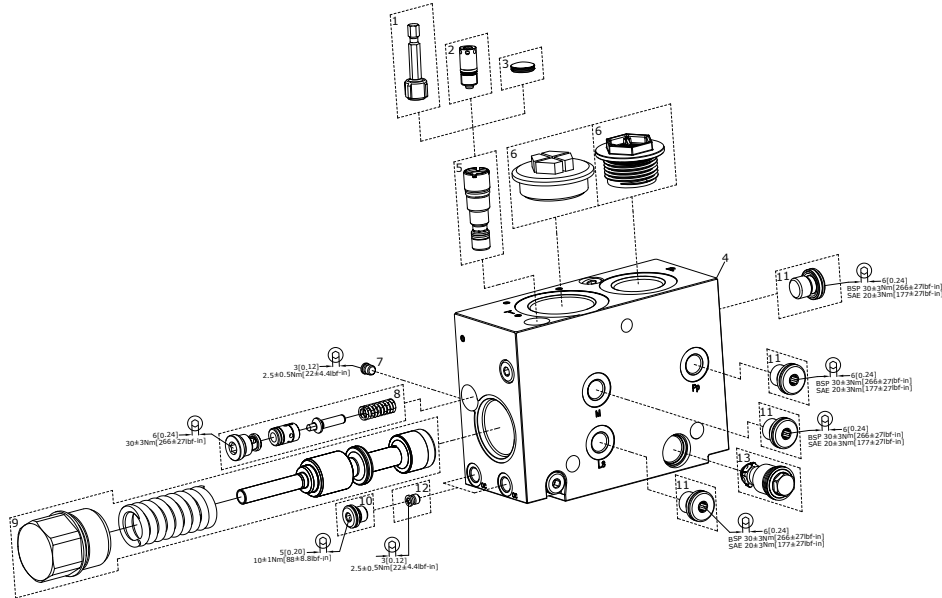
| Type    | Description           | Code number |
|---------|-----------------------|-------------|
| PVES    | 1x4 DEUTSCH - passive | 11166748    |
|         | 1x4 DEUTSCH - active  | 11166864    |
|         | 1x4 AMP – passive     | 11166859    |
|         | 1x4 AMP – active      | 11166858    |
|         | 1x4 DIN – passive     | 11166849    |
|         | 1x4 DIN – active      | 11166857    |
| PVES-U  | 1x4 DEUTSCH – passive | 11166745    |
|         | 1x4 AMP – active      | 11166747    |
| PVES-SP | 1x6 DEUTSCH - passive | 11166752    |

Parts list

| Item | Description | Code number | Amount |
|------|-------------|-------------|--------|
| 1    | Screw       | -           | 4      |
| 2    | Seal kit    | 157B4997    | 1      |

## PVG 48 service parts

## PVP 48 OC/CC

**Exploded view**

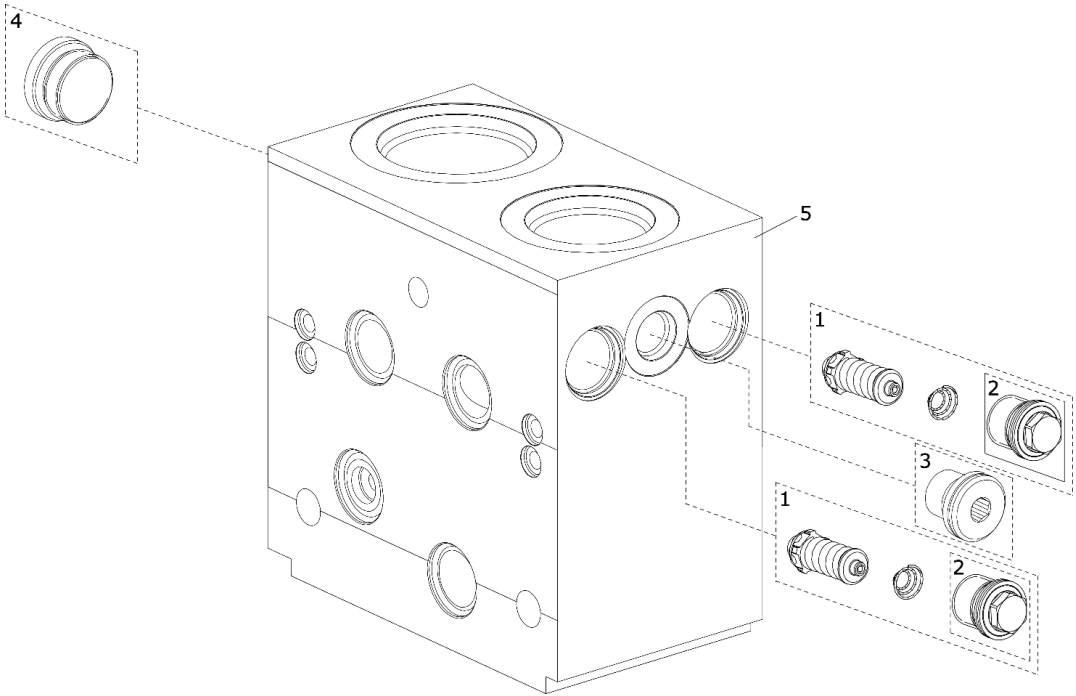
| Item | Description                                      | Code number | Letter |   |   |   |   |   |   |   |  |
|------|--------------------------------------------------|-------------|--------|---|---|---|---|---|---|---|--|
|      |                                                  |             | A      | B | C | D | E | F | G | H |  |
| 1    | Service tool for relief valve                    | 155L6494    | -      | - | - | - | - | - | - | - |  |
| 2    | Sealed adjusting screw (for sealing with a wire) | 155L6489    | -      | - | - | - | - | - | - | - |  |
| 3    | Sealed plastic plug, black (200 pcs.)            | 155L6165    | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 4    | PVP48 inlet module                               | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 5    | Relief valve                                     | 155L6495    | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 6    | Plastic plug for #16 - 1-5/16-12 UNF             | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|      | Plastic plug for #20 - 1-5/8-12 UNF              | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|      | Plastic plug for G1                              | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
|      | Plastic plug for G1 - 1/4                        | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 7    | Orifice M6 Ø1.0                                  | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 8    | Pilot supply for PVE 13.5 bar                    | 155L5157    | 1      | - | - | 1 | - | 1 | 1 | - |  |
|      | Pilot supply for PVH/PVHC 25 bar                 | 11077272    | -      | 1 | 1 | - | 1 | - | - | 1 |  |
| 9    | Inlet compensator assembly                       | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 10   | Plug                                             | -           | 2      | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |
| 11   | Plug                                             | -           | 4      | 4 | 4 | 4 | 4 | 4 | 4 | 4 |  |
| 12   | OC/CC                                            | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| 13   | PVLP Assembly                                    | -           | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |

| Description                  |          | Code number | P-Port              | T-port/HPCO-port   | Letter |
|------------------------------|----------|-------------|---------------------|--------------------|--------|
| PVP48-INLET-SAE-OC-PPRV-LSRV | PVE      | 11341970    | #16 - 1-5/16-12 UNF | #20 - 1-5/8-12 UNF | A      |
| PVP48-INLET-SAE-OC-PPRV-LSRV | PVH/PVHC | 11341969    | #16 - 1-5/16-12 UNF | #20 - 1-5/8-12 UNF | B      |
| PVP48-INLET-SAE-CC-PPRV-LSRV | PVH/PVHC | 11341992    | #16 - 1-5/16-12 UNF | #20 - 1-5/8-12 UNF | C      |
| PVP48-INLET-SAE-CC-PPRV-LSRV | PVE      | 11341941    | #16 - 1-5/16-12 UNF | #20 - 1-5/8-12 UNF | D      |
| PVP48-INLET-BSP-OC-PPRV-LSRV | PVH/PVHC | 11341967    | G1                  | G1 - 1/4           | E      |
| PVP48-INLET-BSP-OC-PPRV-LSRV | PVE      | 11341966    | G1                  | G1 - 1/4           | F      |

| Description                  |          | Code number | P-Port | T-port/HPCO-port | Letter |
|------------------------------|----------|-------------|--------|------------------|--------|
| PVP48-INLET-BSP-CC-PPRV-LSRV | PVE      | 11341986    | G1     | G1 - 1/4         | G      |
| PVP48-INLET-BSP-CC-PPRV-LSRV | PVH/PVHC | 11341968    | G1     | G1 - 1/4         | H      |

**PVPM 48**

*PVPM 48 exploded view*

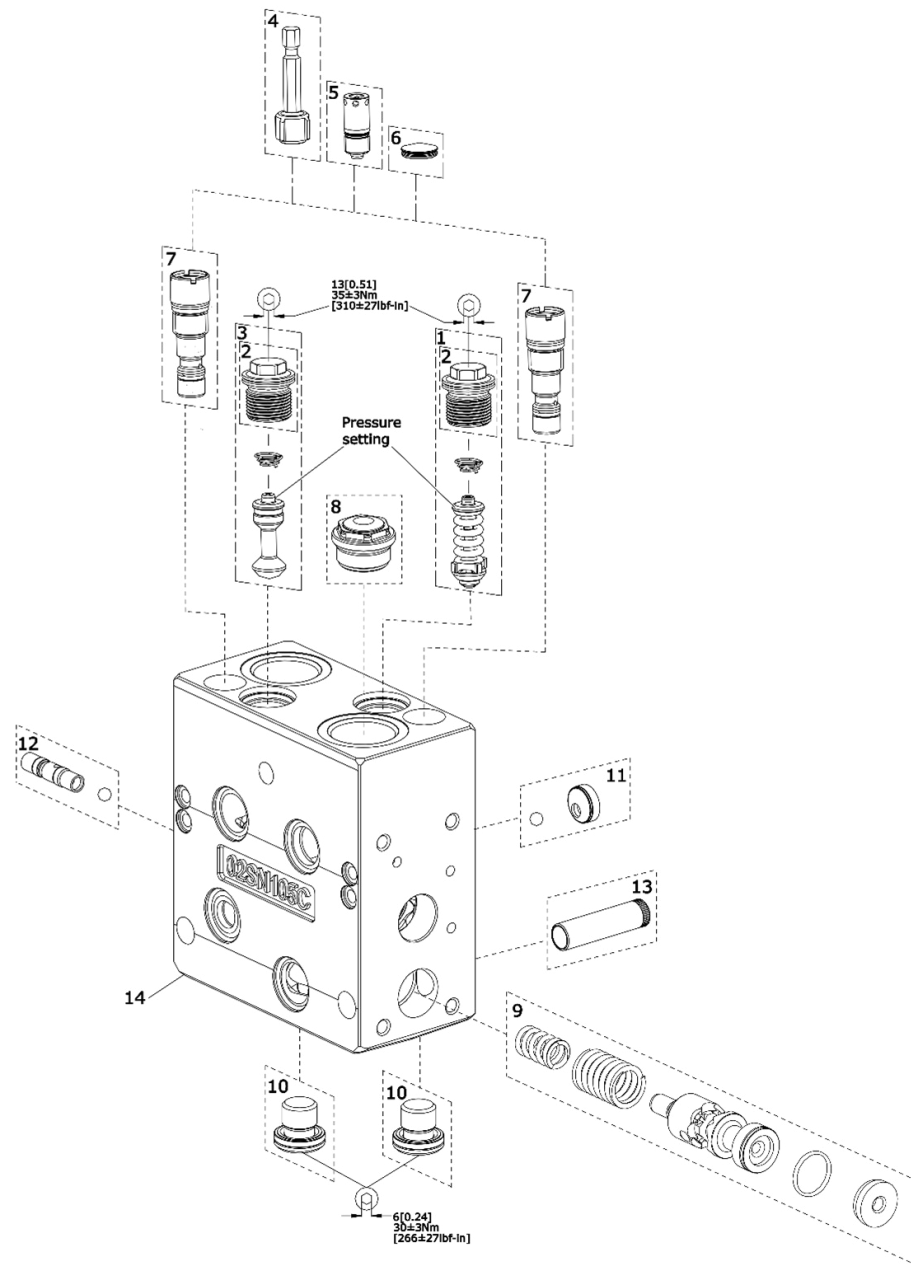


| Type    | Description              | P-port        | T-port       | Gauge port | Code number | Letter |
|---------|--------------------------|---------------|--------------|------------|-------------|--------|
| PVPM 48 | Closed Center<br>PVPM 48 | G1"           | G1"-1/4"     | G1/4"      | 11295307    | A      |
|         |                          | 1-5/16-12 UNF | 1-5/8-12 UNF | 1/2-20 UNF | 11295286    | B      |

| Item | Description | Code Number           | Letter |   |
|------|-------------|-----------------------|--------|---|
|      |             |                       | A      | B |
| 1    | PVLP        | See PVLP/PVLA section | 1      | 1 |
| 2    | PVLP Plug   | -                     | 1      | 1 |
| 3    | Plug M port | -                     | 1      | 1 |
| 4    | Plug        | -                     | 1      | 1 |
| 5    | PVPM        | See table above       | -      | - |

**PVB 48 basic module**

*PVB exploded view*

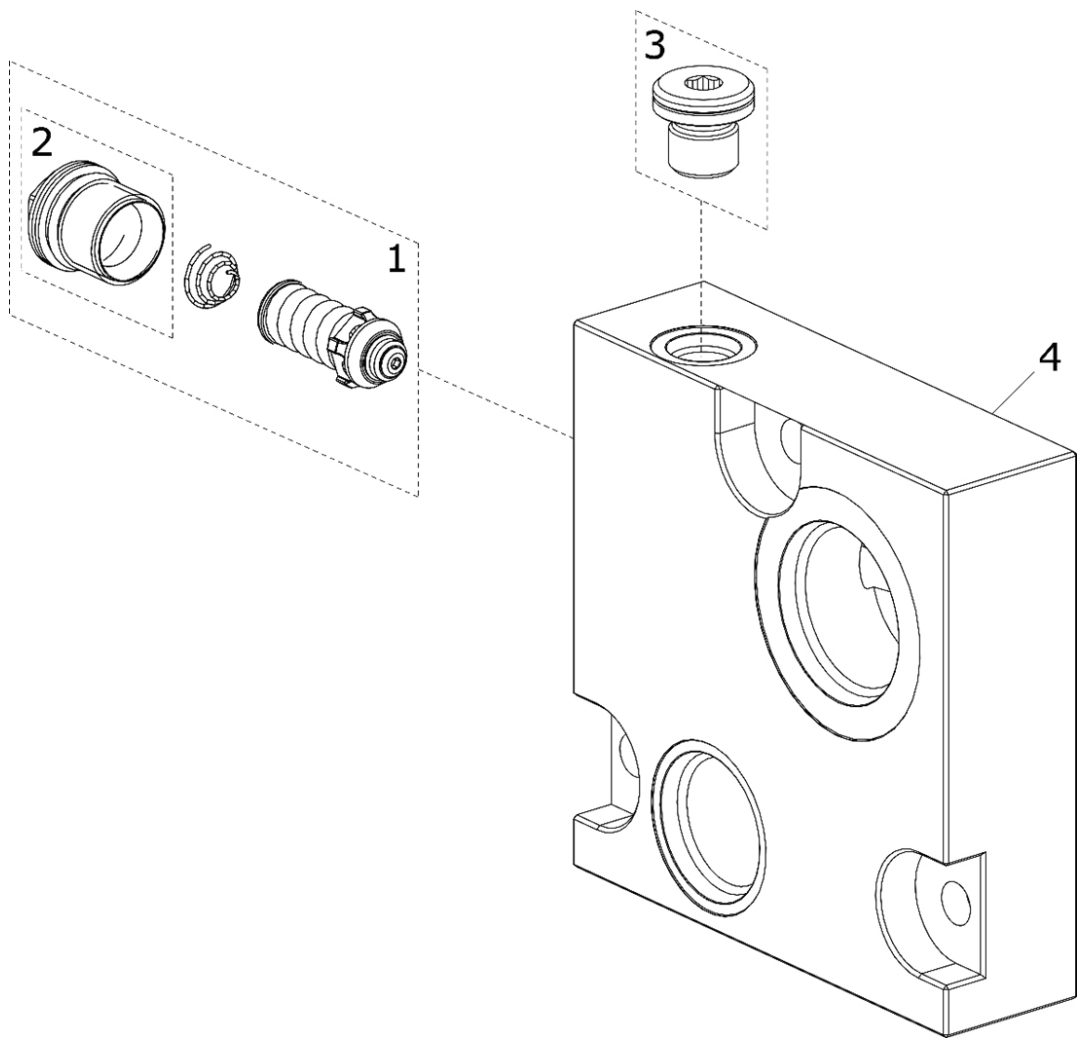


| Type            | Description                        | Code number | A/B-port   | LS A/B-port | Letter |
|-----------------|------------------------------------|-------------|------------|-------------|--------|
| Compensated PVB | Basic module with T0               | 11268949    | 3/4" BSP   | -           | A      |
|                 |                                    | 11269039    | 1-1/16 UNF | -           |        |
|                 |                                    | 11269011    | 3/4" BSP   | G 1/4"      | B      |
|                 |                                    | 11269065    | 1-1/16 UNF | 1/2-20 UNF  |        |
|                 | Basic module with T0 and PVLP/PVLA | 11269018    | 3/4" BSP   | -           | C      |
|                 |                                    | 11269068    | 1-1/16 UNF | -           |        |
|                 |                                    | 11253967    | 3/4" BSP   | G 1/4"      | D      |
|                 |                                    | 11269152    | 1-1/16 UNF | 1/2-20 UNF  |        |

| Item | Description                                            | Code number      | Letter |   |   |   |
|------|--------------------------------------------------------|------------------|--------|---|---|---|
|      |                                                        |                  | A      | B | C | D |
| 1    | PVLP assembly                                          | See PVLP section | -      | - | 2 | 2 |
| 2    | Plug for PVLP/<br>PVLA                                 | 157B2002         | -      | - | 2 | 2 |
| 3    | PVLA assembly                                          | See PVLP section | -      | - | 2 | 2 |
| 4    | Service tool for<br>relief valve                       | 155L6494         | -      | 1 | - | 1 |
| 5    | Sealed adjusting<br>screw (for sealing<br>with a wire) | 155L6489         | -      | 2 | - | 2 |
| 6    | Sealed plastic<br>plug, black (50<br>pcs.)             | 155L6168         | -      | 1 | - | 1 |
|      | Sealed plastic<br>plug, yellow (50<br>pcs.)            | 155L6167         | -      | 1 | - | 1 |
| 7    | Relief valve                                           | 155L6495         | -      | 2 | - | 2 |
| 8    | Suction valve                                          | -                | -      | - | 1 | 1 |
| 10   | Plug                                                   | -                | 2      | 2 | 2 | 2 |
| 11   | Shuttle disc                                           | -                | 1      | 1 | 1 | 1 |
| 12   | LS shuttle valve<br>assembly                           | -                | 1      | 1 | 1 | 1 |
| 13   | Locking pin                                            | -                | 1      | 1 | 1 | 1 |
| 14   | PVB basic<br>module                                    | -                | 1      | 1 | 1 | 1 |

### PVSI 16/32/48 end plate

*PVSI exploded view*



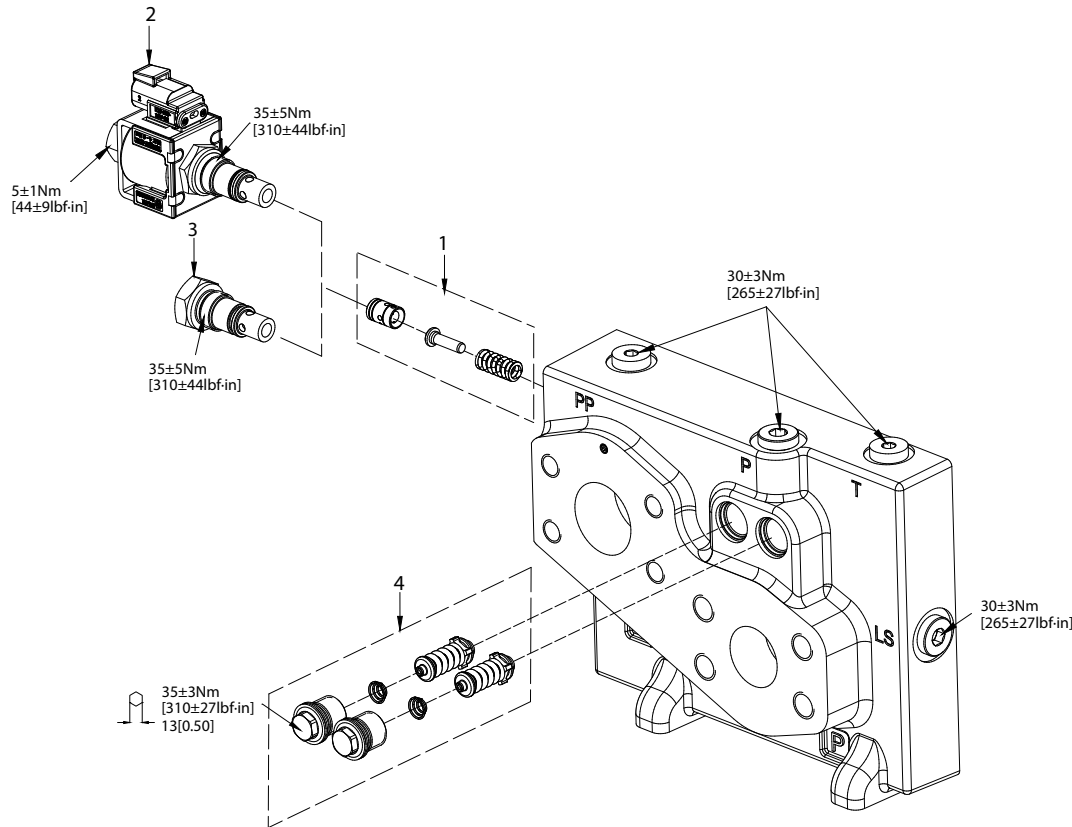
| Type | Description                     | Mounting    | Code number | Letter |
|------|---------------------------------|-------------|-------------|--------|
| PVSI | End plate P, T, M port and PVLP | M8          | 11295287    | A      |
|      |                                 | 5/16-18 UNF | 11295308    | B      |

| Item | Description                               | Code number   | Letter |   |
|------|-------------------------------------------|---------------|--------|---|
|      |                                           |               | A      | B |
| 1    | PVLP Assembly                             | See PVLP/PVLA | 1      | 1 |
| 2    | PVLP Plug                                 | See PVLP/PVLA | 1      | 1 |
| 3    | Plug                                      | -             | 1      | 1 |
| 4    | PVSI End plate with P, T, M port and PVLP | -             | -      | - |

PVG 128/256 service parts

PVG 128/256 pump side module, PVPV

PVPV exploded view



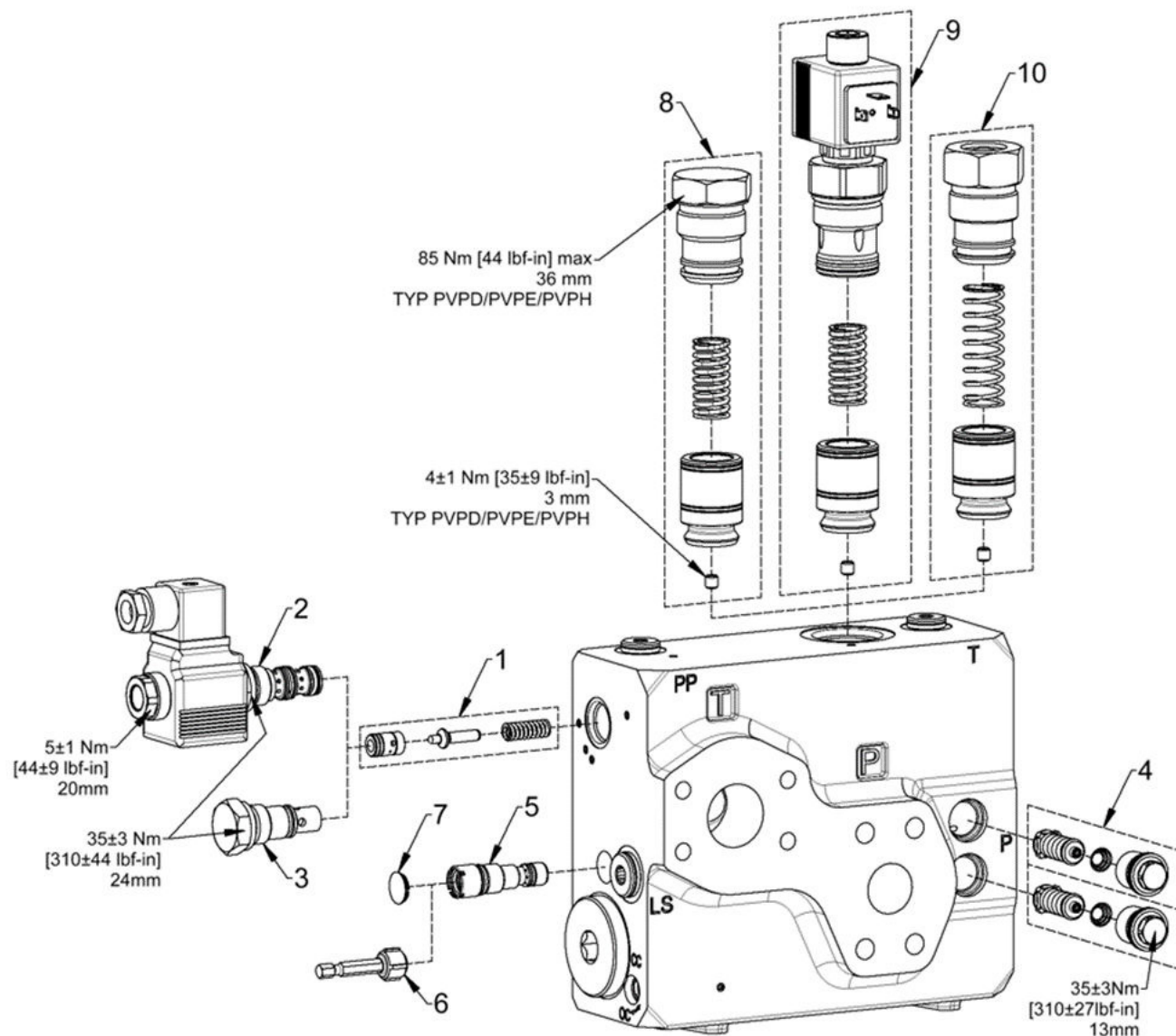
PVPV kits

| Description                                                                                                | Measure                | Code number | Letter |
|------------------------------------------------------------------------------------------------------------|------------------------|-------------|--------|
| Closed center with pilot supply for electrical actuation, pilot gage port, and facility for pilot shut off | Metric flange          | 11173130    | A      |
|                                                                                                            | G1-1/2" BSP            | 11176703    |        |
|                                                                                                            | SAE flange             | 11176691    |        |
|                                                                                                            | Thread ports 1-7/8 UNF | 11176702    |        |
| Closed center with pilot supply for hydraulic actuation, pilot gage port, and facility for pilot shut off  | Metric flange          | 11178095    | B      |
|                                                                                                            | G1-1/2" BSP            | 11178098    |        |
|                                                                                                            | SAE flange             | 11178117    |        |
|                                                                                                            | Thread ports 1-7/8 UNF | 11178119    |        |

Parts list

| Item | Description                     | Code numbers         | Letter |   |
|------|---------------------------------|----------------------|--------|---|
|      |                                 |                      | A      | B |
| 1    | Pilot pressure reducing valve   | -                    |        |   |
| 2    | PVPP 12V                        | 11160318             |        |   |
| 2    | PVPP 24V                        | 11160319             |        |   |
| 3    | Plug if no PVPP is mounted      | -                    |        |   |
| 4    | Shock and anti-cavitation Valve | See <i>PVLP/PVLA</i> | 2      | 2 |

## PVG 128/256 service parts

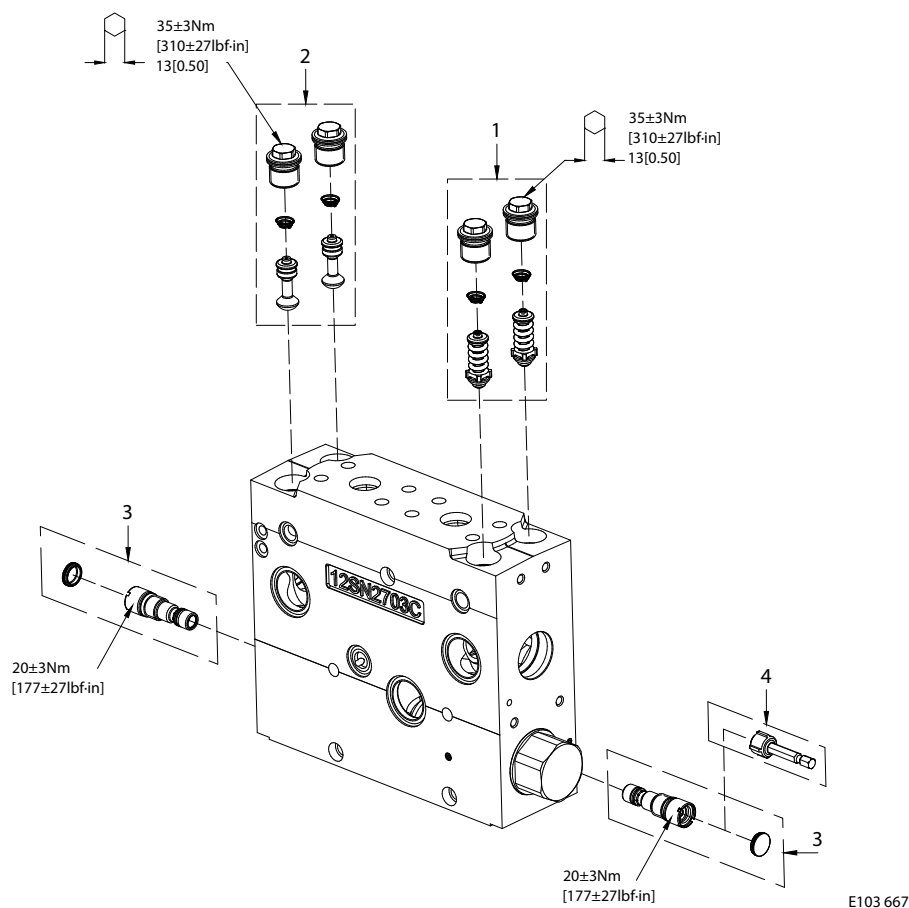
**PVP128 OC, PVP128 OC/CC, & OC256**

| Description                                                                                                                     | Ports                                   | PPRV     | Code Number | Type |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------|-------------|------|
| PVP128 - Open center inlet (without OC/CC selector), without facility for electrical/hydraulic full flow bypass valve           | Metric Flange P&T Ports / BSP Aux Ports | PVE      | 11244804    | A    |
|                                                                                                                                 | UNC Flange P&T Ports / SAE Aux Ports    | PVE      | 11244805    |      |
|                                                                                                                                 | Metric Flange P&T Ports / BSP Aux Ports | PVH/PVHC | 11244780    |      |
|                                                                                                                                 | UNC Flange P&T Ports / SAE Aux Ports    | PVH/PVHC | 11244781    |      |
| PVP128 OC/CC - Open/closed center inlet (with OC/CC selector), with facility for electrical/hydraulic full flow bypass valve    | Metric Flange P&T Ports / BSP Aux Ports | PVE      | 11215893    | B    |
|                                                                                                                                 | UNC Flange P&T Ports / SAE Aux Ports    | PVE      | 11215895    |      |
|                                                                                                                                 | Metric Flange P&T Ports / BSP Aux Ports | PVH/PVHC | 11243703    |      |
|                                                                                                                                 | UNC Flange P&T Ports / SAE Aux Ports    | PVH/PVHC | 11243704    |      |
| OC256 - Open/closed center unloader module (with OC/CC selector), with facility for electrical/hydraulic full flow bypass valve | none                                    | none     | 11217812    | C    |

| Item | Description                               | Code Numbers  | Qty per Type |   |   |
|------|-------------------------------------------|---------------|--------------|---|---|
|      |                                           |               | A            | B | C |
| 1    | Pilot pressure reducing valve             | -             | 1            | 1 | - |
| 2    | PVPP (12V)                                | 11160318      | 1            | 1 | - |
| 2    | PVPP (24V)                                | 11160319      | 1            | 1 | - |
| 3    | Plug if no PVPP is mounted                | -             | 1            | 1 | - |
| 4    | Shock and anti-cavitation valve           | See PVLP/PVLA | 2            | 2 | - |
| 5    | LS Relief Valve                           | 155L6495      | 1            | 1 | 1 |
| 6    | LS Relief Valve Service Tool              | 155L6494      | -            | - | - |
| 7    | Plastic Plug (pack of 50)                 | 155L6168      | 1            | 1 | 1 |
| 8    | PVPD (dummy)                              | 11272239      | -            | 1 | 1 |
| 9    | PVPE (electrical activation, 12V DIN)     | 11271986      | -            | 1 | 1 |
| 9    | PVPE (electrical activation, 24V DIN)     | 11272287      | -            | 1 | 1 |
| 9    | PVPE (electrical activation, 12V Deutsch) | 11272266      | -            | 1 | 1 |
| 9    | PVPE (electrical activation, 24V Deutsch) | 11278656      | -            | 1 | 1 |
| 10   | PVPH (hydraulic activation)               | 11272294      | -            | 1 | 1 |

PVB 128, basic module

PVB exploded view



 **Warning**

Risk of leak  
The module will leak if the flange mount screws are not properly secured.  
Flange mount screws according to ISO 6162-2.

PVB 128 kits

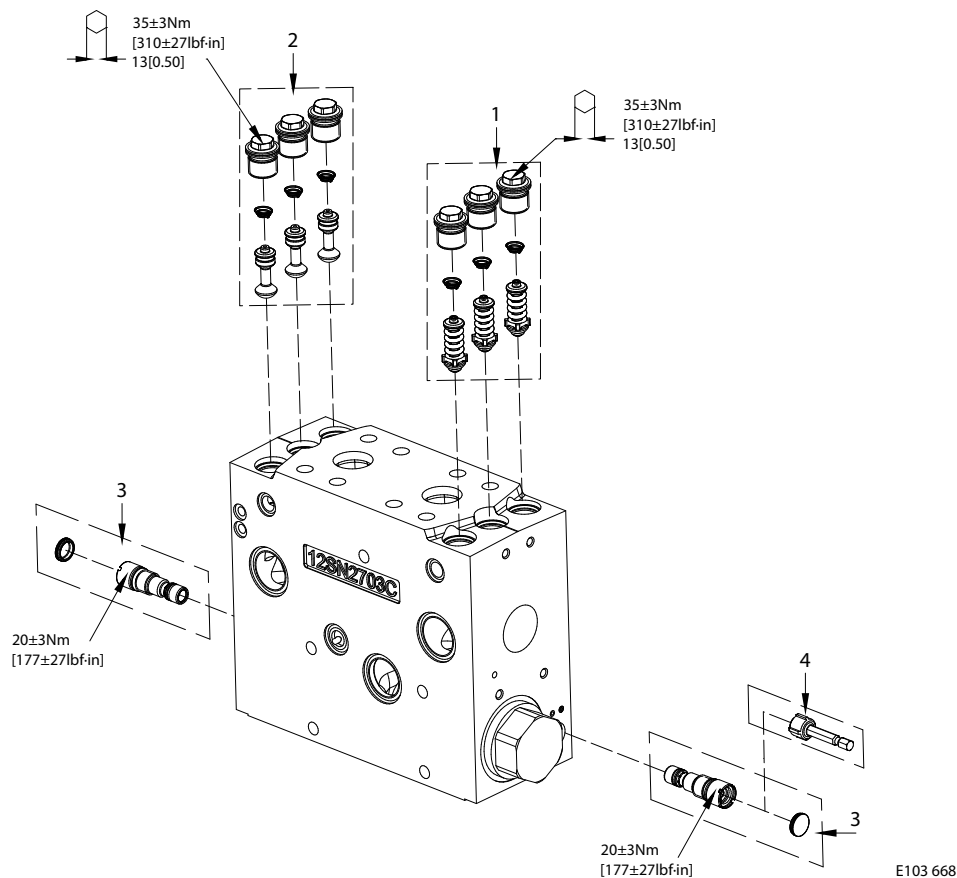
| Description                                                                                        | Measure                | Code number | Letter |
|----------------------------------------------------------------------------------------------------|------------------------|-------------|--------|
| Compensated basic module                                                                           | Metric flange          | 11170522    | A      |
|                                                                                                    | G1-1/2" BSP            | 11170528    |        |
|                                                                                                    | SAE flange             | 11170524    |        |
|                                                                                                    | Thread ports 1-7/8 UNF | 11170526    |        |
| Compensated basic module with LSA/B relief valve for each work port                                | Metric flange          | 11176915    | B      |
|                                                                                                    | G1-1/2" BSP            | 11176918    |        |
|                                                                                                    | SAE flange             | 11176916    |        |
|                                                                                                    | Thread ports 1-7/8 UNF | 11176917    |        |
| Compensated basic module with LSA/B relief valve for each work port and 2xPVLPs for each work port | Metric flange          | 11165621    | C      |
|                                                                                                    | G1-1/2" BSP            | 11170527    |        |
|                                                                                                    | SAE flange             | 11170523    |        |
|                                                                                                    | Thread ports 1-7/8 UNF | 11170525    |        |

Parts list

| Item    | Description                     | Code number          | Letter |   |   |
|---------|---------------------------------|----------------------|--------|---|---|
|         |                                 |                      | A      | B | C |
| 1 and 2 | Shock and anti-cavitation Valve | See <i>PVLP/PVLA</i> | -      | - | 4 |
| 3       | LS relief valve                 | 155L6495             | -      | 2 | 2 |
| 4       | LS relief valve service tool    | 155L6494             | -      | - | - |

PVB 256, Basic Module

PVB 256 exploded view

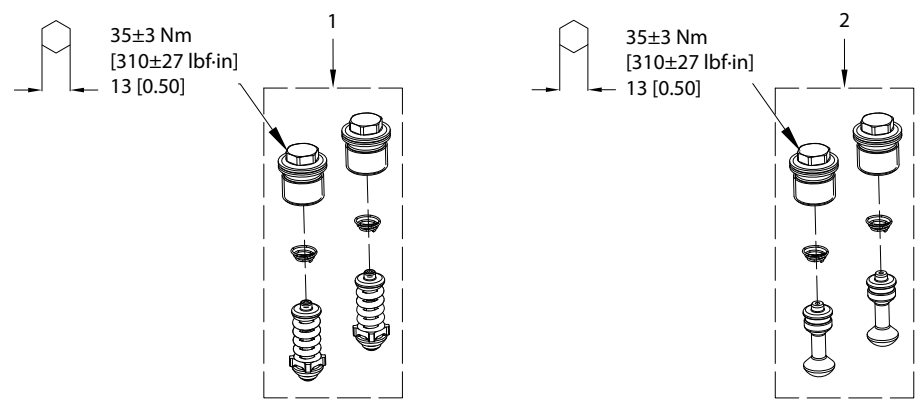


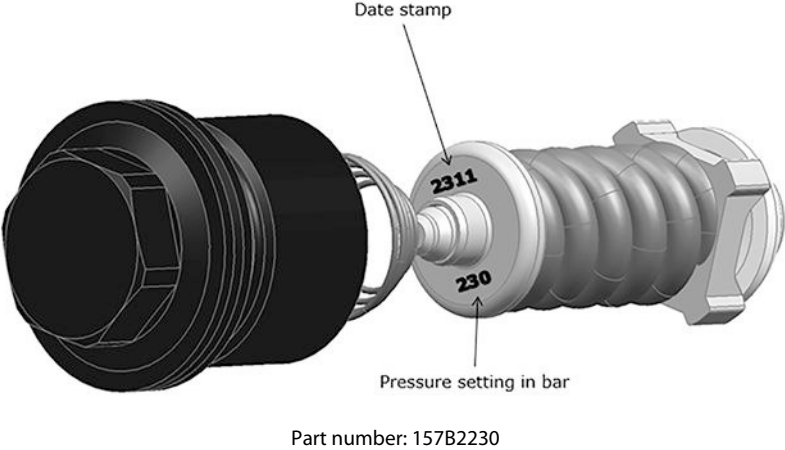
PVB 256 kits

| Description                                                                                                       | Measure                | Code number | Letter |
|-------------------------------------------------------------------------------------------------------------------|------------------------|-------------|--------|
| Compensated basic module                                                                                          | Metric flange          | 11169244    | A      |
|                                                                                                                   | G1-1/2" BSP            | 11169252    |        |
|                                                                                                                   | SAE flange             | 11169248    |        |
|                                                                                                                   | Thread ports 1-7/8 UNF | 11177020    |        |
| Compensated basic module with LSA/B relief valve for each work port                                               | Metric flange          | 1117015     | B      |
|                                                                                                                   | G1-1/2" BSP            | 11177017    |        |
|                                                                                                                   | SAE flange             | 11177016    |        |
|                                                                                                                   | Thread ports 1-7/8 UNF | 11177019    |        |
| Compensated basic module with LSA/B relief valve for each work port and 3xPVLPs for each work port                | Metric flange          | 11169243    | C      |
|                                                                                                                   | G1-1/2" BSP            | 11169251    |        |
|                                                                                                                   | SAE flange             | 11169247    |        |
|                                                                                                                   | Thread ports 1-7/8 UNF | 11177018    |        |
| Turbo compensator feature basic module with LS A/B relief valve for each work port and 3xPVLPs for each work port | Metric flange          | 11183379    | D      |
|                                                                                                                   | G1-1/2" BSP            | 11183406    |        |
|                                                                                                                   | SAE flange             | 11183404    |        |
|                                                                                                                   | Thread ports 1-7/8 UNF | 11183402    |        |

| Item    | Description                     | Code number          | Letter |   |   |   |
|---------|---------------------------------|----------------------|--------|---|---|---|
|         |                                 |                      | A      | B | C | D |
| 1 and 2 | Shock and anti-cavitation Valve | See <i>PVLP/PVLA</i> | -      | - | 4 | 4 |
| 3       | LS relief valve                 | 155L6495             | -      | 2 | 2 | 2 |
| 4       | LS relief valve service tool    | 155L6494             | -      | - | - | - |

PVLP Shock and PVLA, Suction Valves

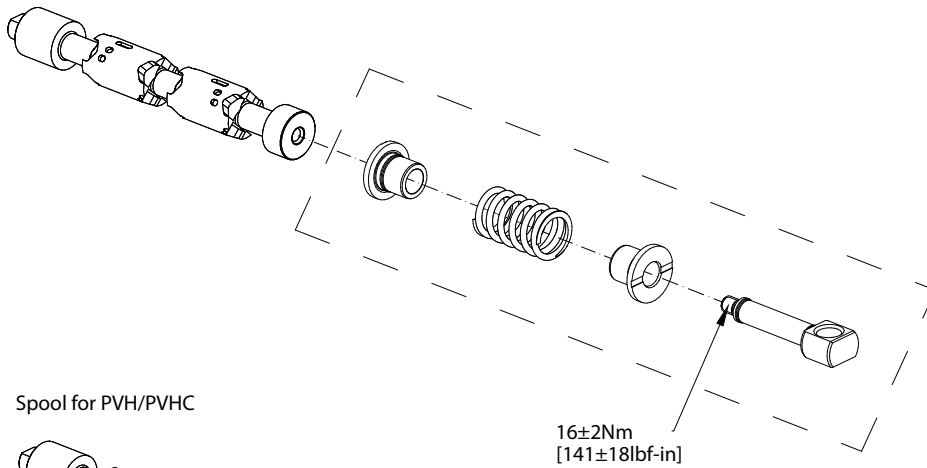


| Type | Part number | PVLP/PVLA                                                                           |
|------|-------------|-------------------------------------------------------------------------------------|
| PVLA | 157B2001    |  |
| PVLP | 157B2032    |                                                                                     |
|      | 157B2050    |                                                                                     |
|      | 157B2063    |                                                                                     |
|      | 157B2080    |                                                                                     |
|      | 157B2100    |                                                                                     |
|      | 157B2125    |                                                                                     |
|      | 157B2140    |                                                                                     |
|      | 157B2150    |                                                                                     |
|      | 157B2160    |                                                                                     |
|      | 157B2175    |                                                                                     |
|      | 157B2190    |                                                                                     |
|      | 157B2210    |                                                                                     |
|      | 157B2230    |                                                                                     |
|      | 157B2240    |                                                                                     |
|      | 157B2250    |                                                                                     |
|      | 157B2265    |                                                                                     |
|      | 157B2280    |                                                                                     |
|      | 157B2300    |                                                                                     |
|      | 157B2320    |                                                                                     |
|      | 157B2350    |                                                                                     |
|      | 157B2380    |                                                                                     |
| Plug | 157B2002    |                                                                                     |

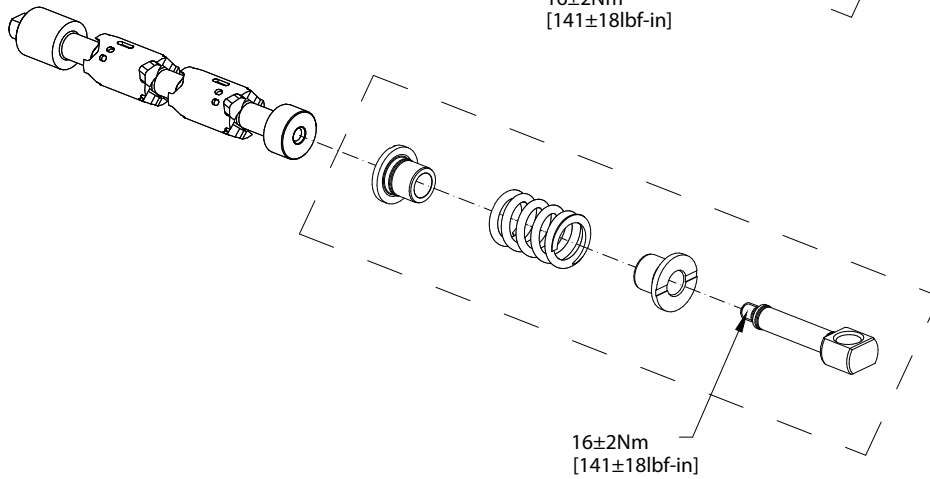
## PVG 128/256 PVBS main spool

### PVBS exploded view

#### Spool for PVE



#### Spool for PVH/PVHC

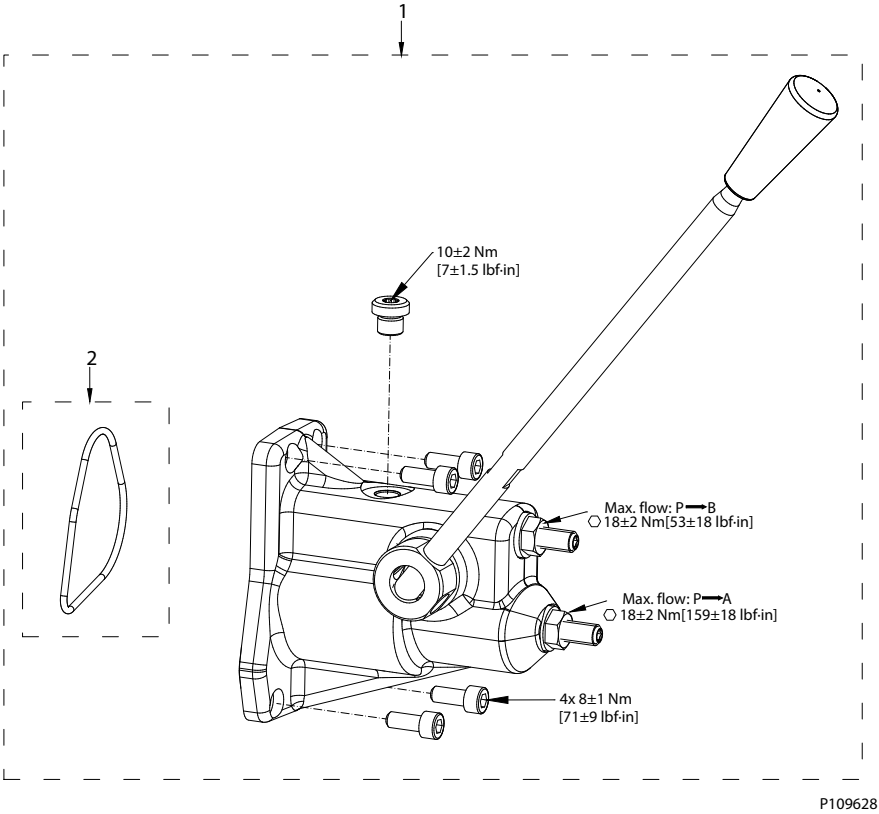


#### Note

Do not use hole in tension bar for tightening spool assembly. Use a 17 mm wrench instead.  
For spool part numbers, see *PVG 128/256 Technical Information*, pages 42-57.

PVG 128/256 PVM mechanical activation

PVM exploded view



PVM 256 kits

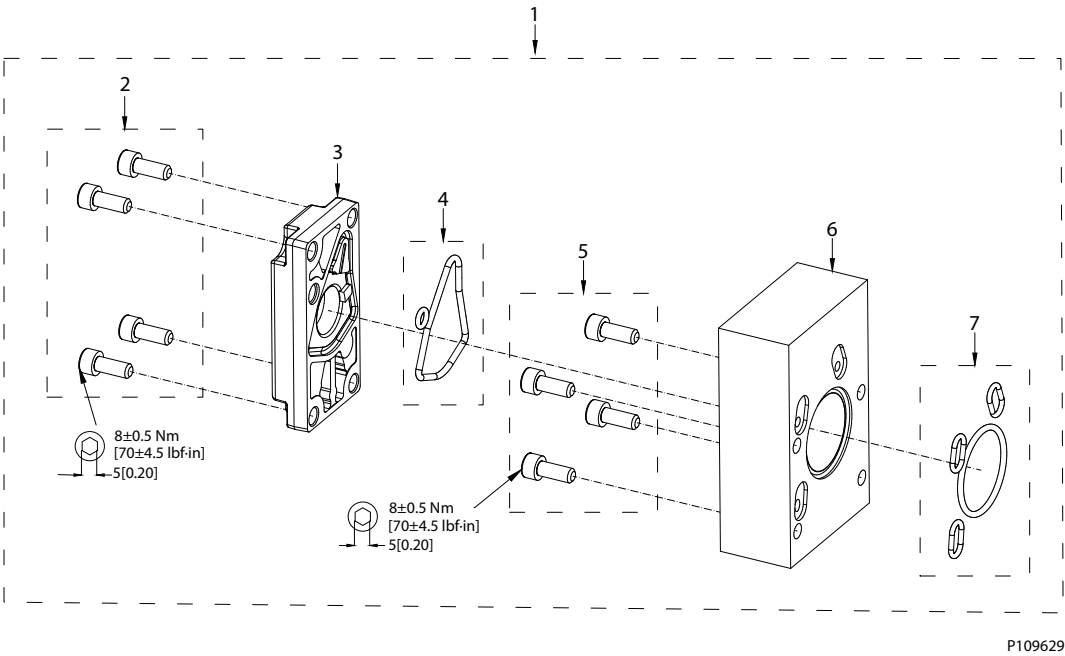
| Description                                       | Code number |
|---------------------------------------------------|-------------|
| Non-adjustable with base and lever                | 11176644    |
| Adjustable with base and lever and BSP gauge plug | 11175317    |
| Adjustable with base and lever and BSP gauge plug | 11176635    |

Parts list

| Item | Description   | Code number |
|------|---------------|-------------|
| 2    | O-ring 10 pcs | 11201747    |

PVG 128/256 PVMD cover

PVMD exploded view



PVMD kits

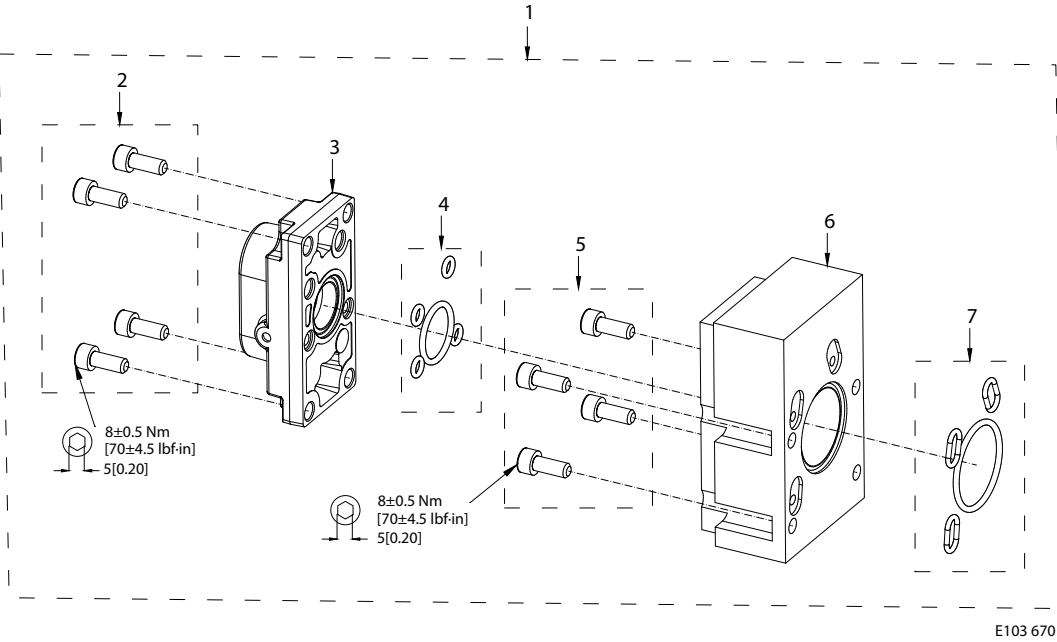
| Description                 | Code number |
|-----------------------------|-------------|
| Cover manual actuation only | 11187779    |

Parts list

| Item | Description                   | Code number | Amount |
|------|-------------------------------|-------------|--------|
| 1    | Assembly                      | -           | 1      |
| 2    | Screw kit                     | -           | 1      |
| 3    | PVMD cover, including 2 and 4 | 157B0001    | 1      |
| 4    | Seal kit                      | 157B3999    | 1      |
| 5    | Screw kit                     | -           | 1      |
| 6    | Interface block - inverted    | -           | 1      |
| 7    | Seal kit for 10 pcs           | 11191632    | 1      |

PVG 128/256 PVH hydraulic actuation

PVH exploded view



PVH kits

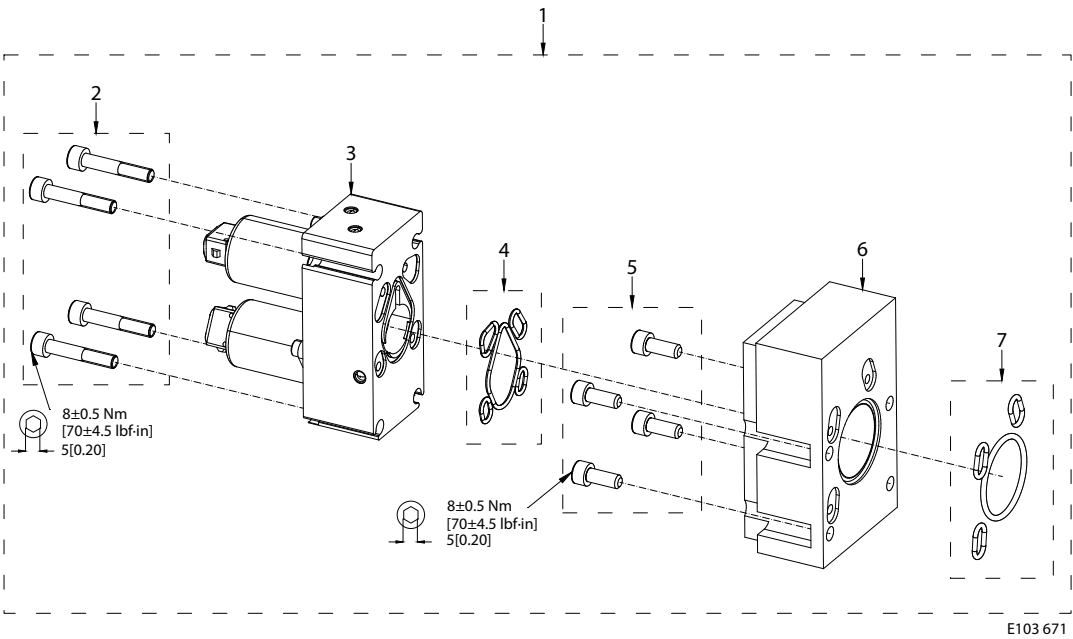
| Description  | Code number |
|--------------|-------------|
| G1/4" BSP    | 11187777    |
| 9/16"-18 UNF | 11187776    |

Parts kits

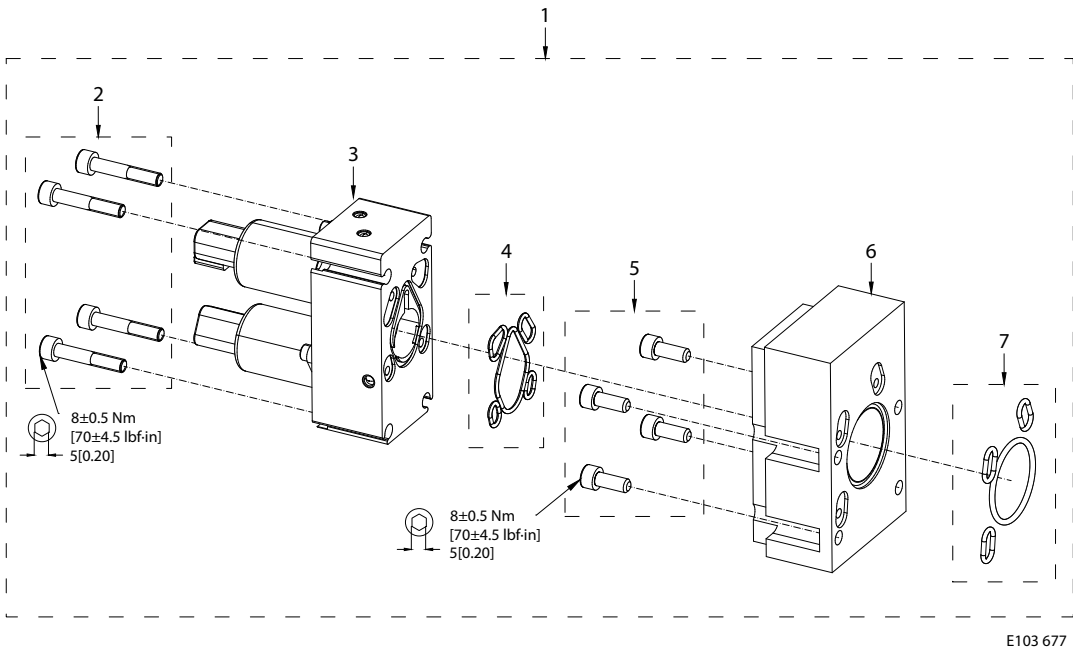
| Item | Description                  | Code number | Amount |
|------|------------------------------|-------------|--------|
| 1    | Assembly                     | -           | 1      |
| 2    | Screw kit                    | -           | 1      |
| 3    | PVH cover, including 2 and 4 | 157B0008    | 1      |
| 4    | Seal kit                     | 157B3999    | 1      |
| 5    | Screw kit                    | -           | 1      |
| 6    | Interface block - inverted   | -           | 1      |
| 7    | Seal kit                     | 11191632    | 1      |

PVG 128/256 PVHC, high current actuation

PVHC with AMP connector



PVHC with DEUTSCH connector



PVHC kits

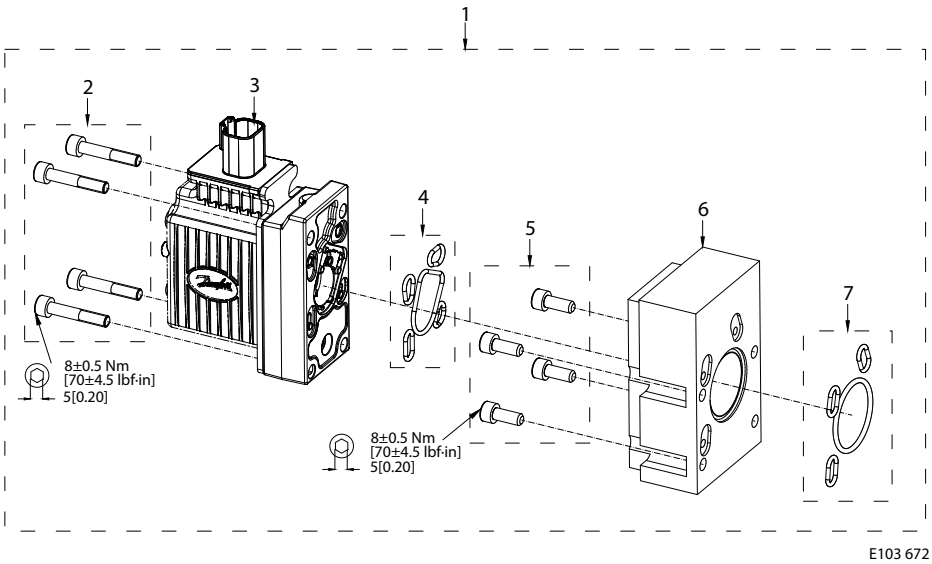
| Description | Code number |
|-------------|-------------|
| 12V AMP     | 11187757    |
| 12V DEUTSCH | 11187772    |
| 24V AMP     | 11187774    |
| 24V DEUTSCH | 11187775    |

Parts list

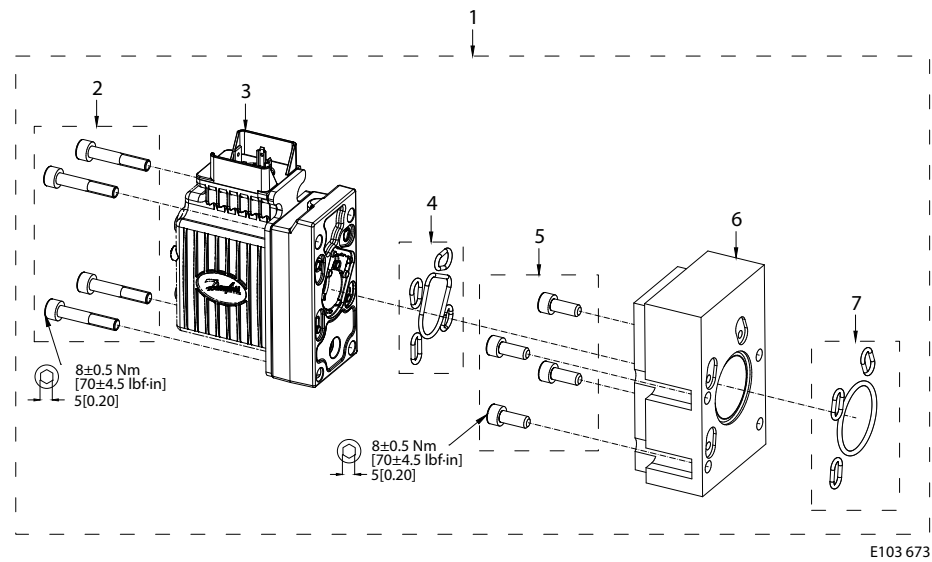
| Item | Description                | Code number | Amount |
|------|----------------------------|-------------|--------|
| 1    | Assembly                   | -           | 1      |
| 2    | Screw kit                  | 155L4199    | 1      |
| 3    | Actuator assembly          | -           | 1      |
| 4    | Seal kit                   | 11061235    | 1      |
| 5    | Screw kit                  | -           | 1      |
| 6    | Interface block - inverted | -           | 1      |
| 7    | Seal kit                   | 11191632    | 1      |

**PVG 128/256 PVEO, on/off actuator**

*PVEO with DEUTSCH connector*



*PVEO with DIN connector*



*PVEO kits*

| Description          | Code number |
|----------------------|-------------|
| 1x4 DEUTSCH (12 Vdc) | 11186328    |
| 1x4 DEUTSCH (24 Vdc) | 11186330    |
| 1x4 DIN (12 Vdc)     | 11186331    |
| 1x4 DIN (24 Vdc)     | 11186342    |

*Parts list*

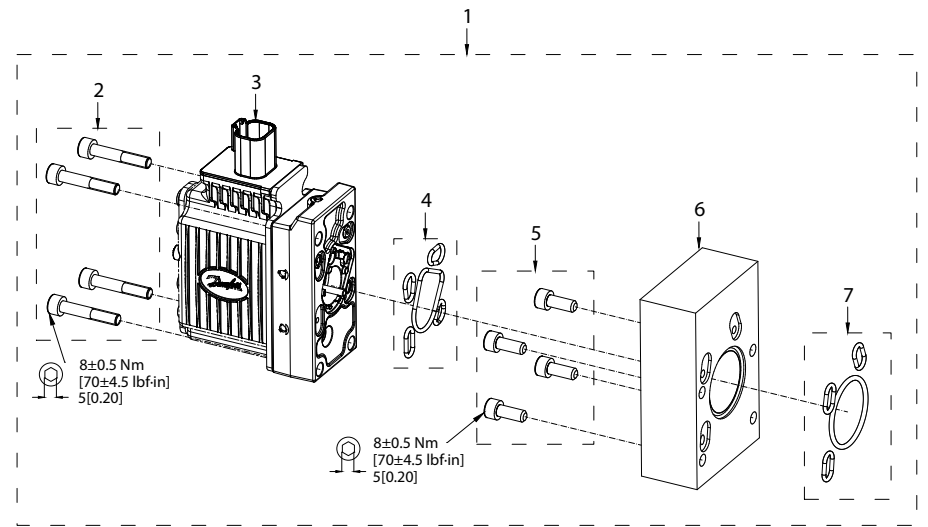
| Item | Description       | Code number | Amount |
|------|-------------------|-------------|--------|
| 1    | Assembly          | -           | 1      |
| 2    | Screw kit         | 155L4199    | 1      |
| 3    | Actuator assembly | -           | 1      |
| 4    | Seal kit          | 157B4997    | 1      |
| 5    | Screw kit         | -           | 1      |

Parts list (continued)

| Item | Description     | Code number | Amount |
|------|-----------------|-------------|--------|
| 6    | Interface block | -           | 1      |
| 7    | Seal kit        | 11191632    | 1      |

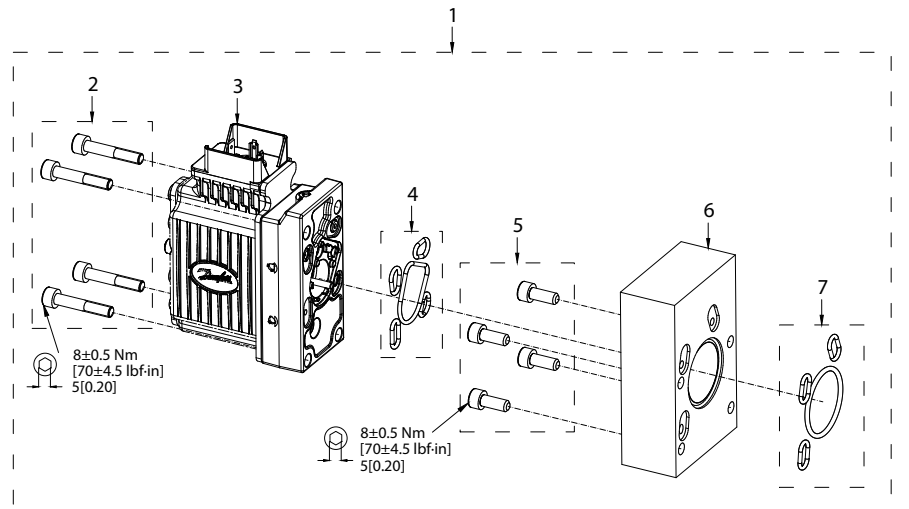
**PVG 128/256 PVEH, proportional actuator**

*PVEH with DEUTSCH connector*



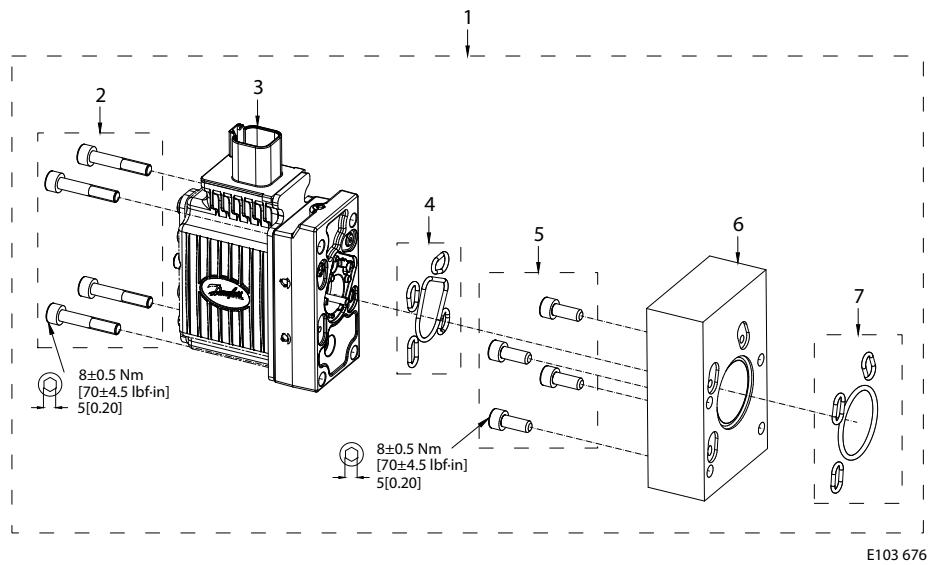
E103 674

*PVEH-U with DIN connector*



E103 675

PVEH-FLA with DEUTSCH



PVEH kits

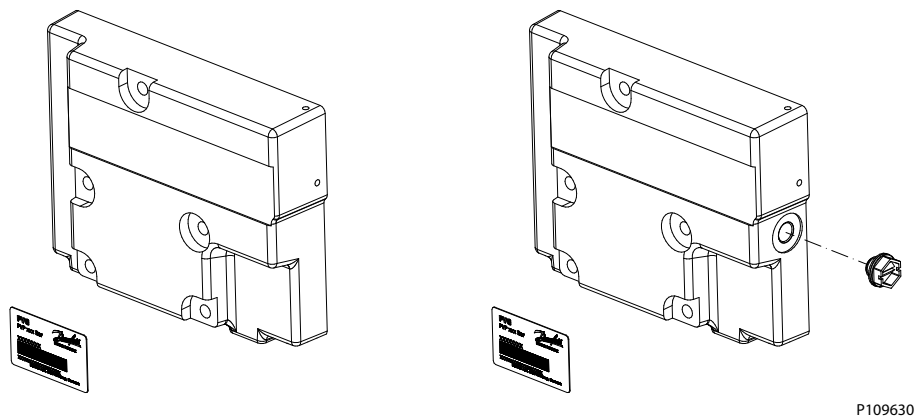
| Type     | Description | Code number |
|----------|-------------|-------------|
| PVEH     | 1x4 DEUTSCH | 11186325    |
|          | 1x4 DEUTSCH | 11186326    |
|          | 1x4 DIN     | 11186321    |
|          | 1x4 DIN     | 11186322    |
| PVEH-U   | 1x4 DIN     | 11186323    |
|          | 1x4 DIN     | 11186324    |
| PVEH-FLA | 1x6 DEUTSCH | 11186327    |

Parts list

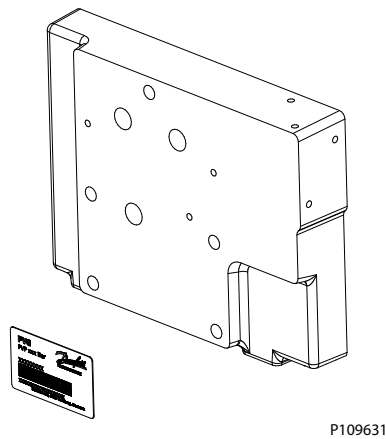
| Item | Description          | Code number |   |
|------|----------------------|-------------|---|
| 1    | Assembly             | -           | 1 |
| 2    | Screw kit            | 155L4199    | 1 |
| 3    | Actuator assembly    | -           | 1 |
| 4    | Seal kit             | 157B4997    | 1 |
| 5    | Screw kit            | -           | 1 |
| 6    | Interface block      | -           | 1 |
| 7    | Seal kit with 10 pcs | 11191632    | 1 |

PVG 128/256 PVS end plates

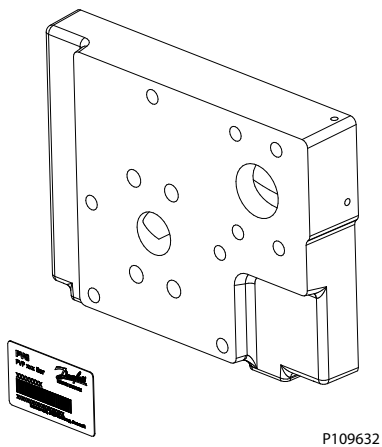
PVSI end plate



PVGI interface plate



PVSI with P and T port



End plate kits

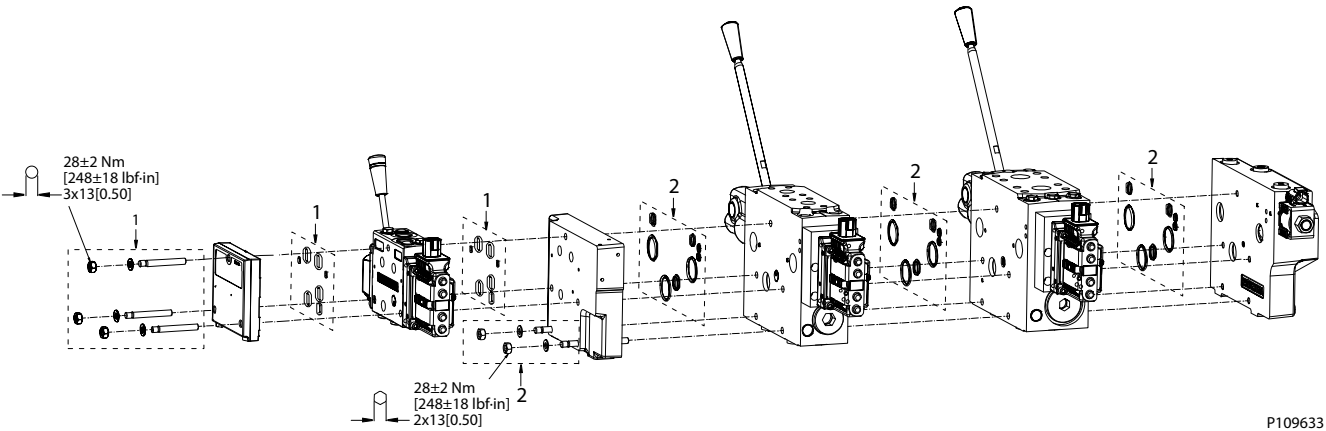
| Type | Description             | Code number |
|------|-------------------------|-------------|
| PVGI | Interface plate         | 11171422    |
|      | Interface plate with T0 | 11171423    |

*End plate kits (continued)*

| Type | Description              | Code number |
|------|--------------------------|-------------|
| PVSI | End plate                | 11171419    |
|      | End plate with LX BSP    | 11179950    |
|      | End plate with LX UNF    | 11179949    |
|      | Metric Flange 1"         | 11171418    |
|      | Thread Ports G1" BSP     | 11179952    |
|      | SAE Flange 1" UNC screws | 11171421    |
|      | Thread Ports 1-5/16 UNF  | 11171416    |

PVG 128/256 PVAS stay bolts

PVAS and seal kits



PVAS kits

| Item | Description                                    | Code number |
|------|------------------------------------------------|-------------|
| 1    | Set of seals for 7 work sections: PVB 32       | 11156335    |
| 2    | Seat of seals for 5 work sections: PVB 128/256 | 11180333    |

Note

For PVAS part numbers, see PVG 128/256 Technical Information.

**PVG 128/256 seal kits***Seal kits for PVG 128/256*

| Type                               | Description                                      | Code number |
|------------------------------------|--------------------------------------------------|-------------|
| PVH/PVMD                           | Seal kit between PVH/PVMD and actuator interface | 157B3999    |
| PVEO/PVEH/PVEH-U/PVEH-FLA          | Seal kit between PVE and actuator interface      | 157B4997    |
| PVEO/PVEH/PVEH-U/PVEH-FLA/PVH/PVHC | Seal kit for actuator interface                  | 11191632    |
| Seal kit for five work sections    | For a PVG 128/256 with 5 PVB-section             | 11180333    |
| PVHC                               | Seal kit between PVHC and actuator interface     | 11061235    |
| PVM                                | Seal Kit for 10 PVM interfaces                   | 11201747    |



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