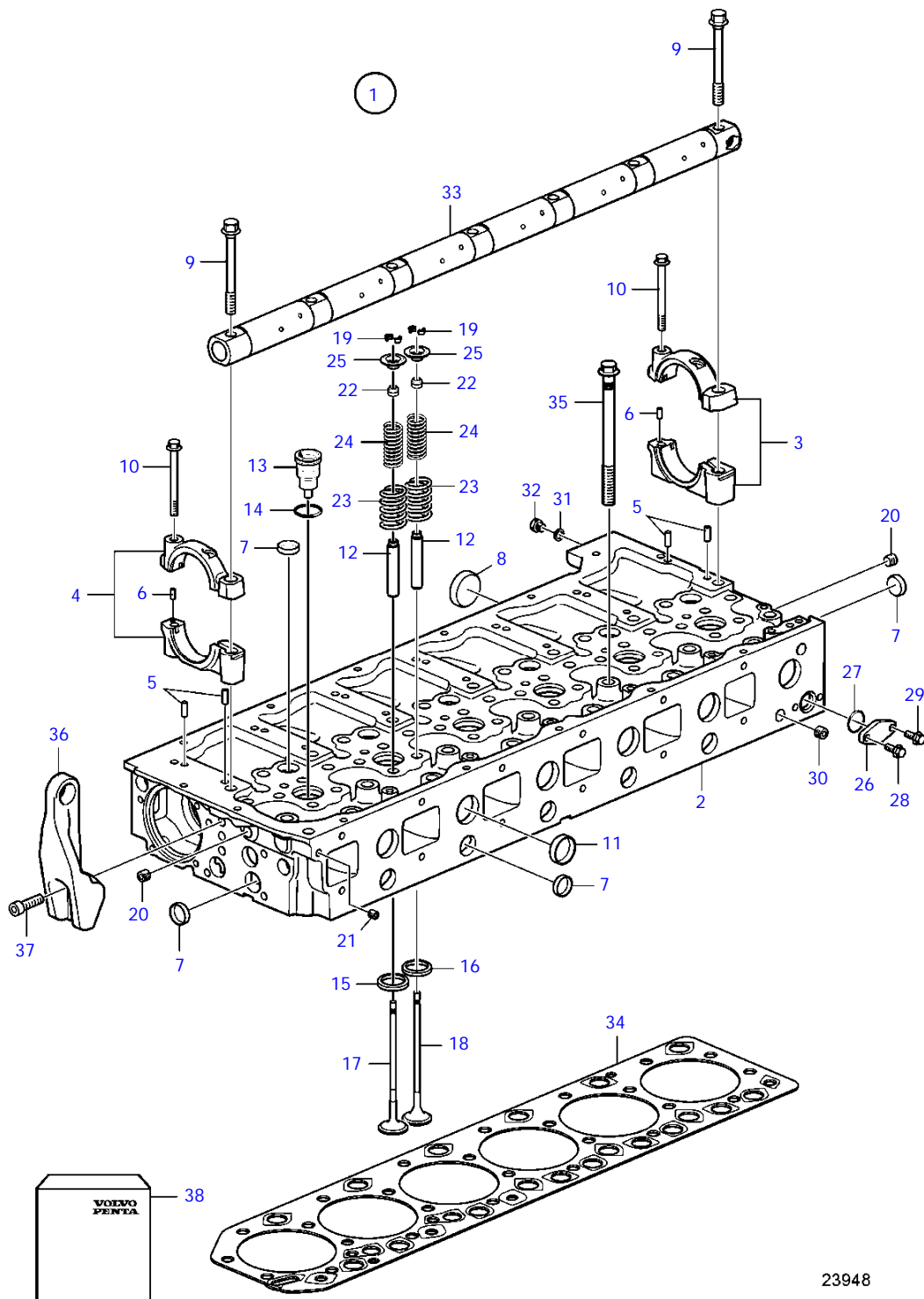


D11A-A, D11A-B, D11A-C, D11A-D

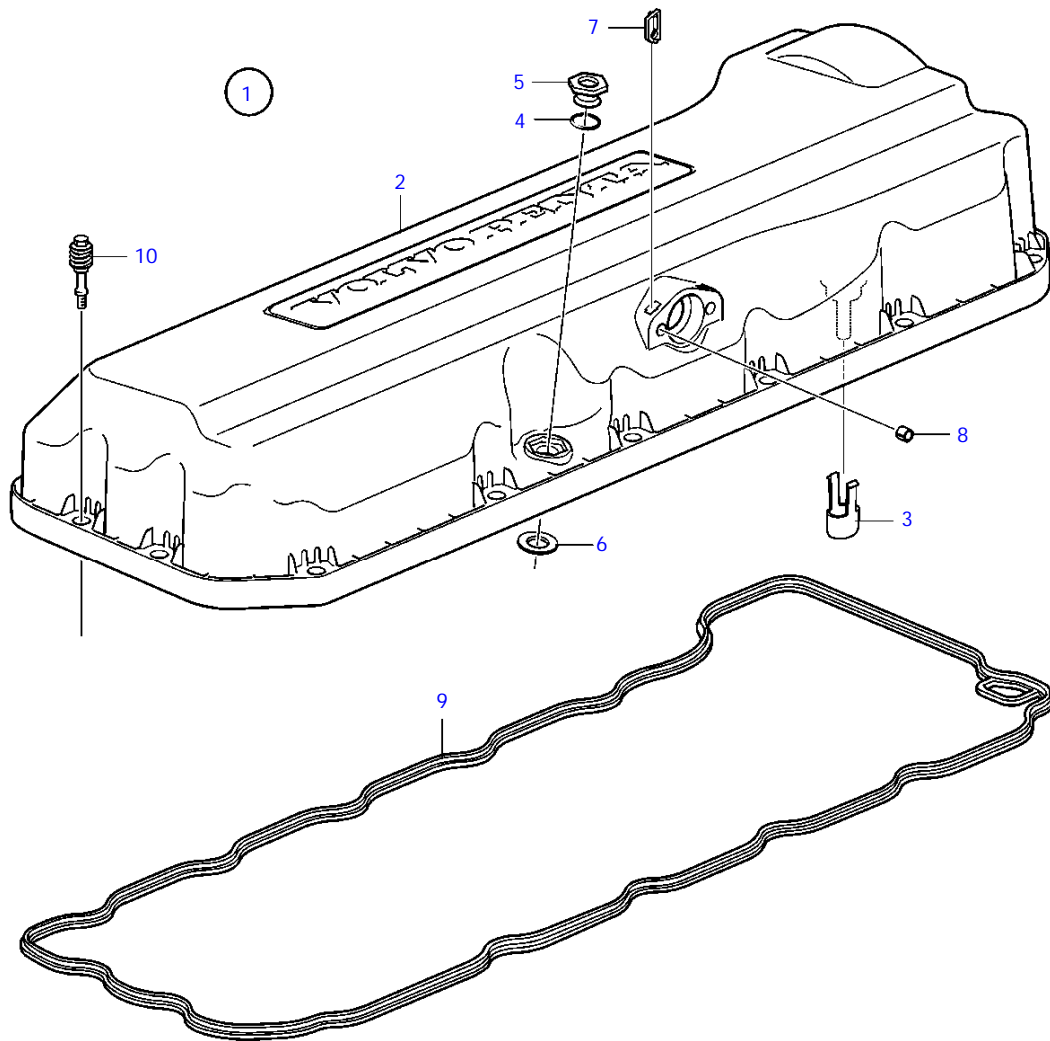


23948

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION             | SEE SEC. | NOTES        |
|-----|----------|-----|-------------------------|----------|--------------|
| 1   | 3801219  | 1   | Cylinder head           |          |              |
| 2   |          | 1   | * Cylinder head         |          |              |
|     | 3801219  | 1   | * Cylinder head, exch   |          |              |
| 3   | 3161082  | 1   | * * Bearing housing     |          |              |
| 4   | 3161079  | 6   | * * Bearing housing     |          |              |
| 5   | 422426   | 2   | * * Pivot pin           |          |              |
| 6   | 950542   | 1   | * * Pin                 |          |              |
| 7   | 24426721 | 18  | * * Expansion plug      |          |              |
| 8   | 24426723 | 5   | * * Expansion plug      |          |              |
| 9   | 20412482 | 7   | * * Flange screw        |          |              |
| 10  | 975105   | 7   | * * Flange screw        |          |              |
| 11  | 24426722 | 11  | * * Expansion plug      |          |              |
| 12  | 20905400 | 24  | * * Valve guide         |          |              |
| 13  | 85110558 | 6   | * * Copper sleeve kit   |          |              |
| 14  | 20536487 | 6   | * * O-ring              |          |              |
| 15  | 20509465 | 12  | * * Valve seat, intake  |          |              |
| 16  | 20509467 | 12  | * * Valve seat, exhaust |          |              |
| 17  | 20737856 | 12  | * Inlet valve           |          |              |
| 18  | 3842972  | 12  | * Exhaust valve         |          |              |
| 19  | 20510747 | 48  | * Valve cotter          |          |              |
| 20  | 968062   | 2   | * Plug                  |          |              |
| 21  | 990828   | 1   | * Plug                  |          |              |
| 22  | 20864662 | 24  | * Valve seal            |          |              |
| 23  | 3183210  | 24  | * Valve spring          |          |              |
| 24  | 3183211  | 24  | * Valve spring          |          |              |
| 25  | 20510743 | 24  | * Valve spring washer   |          |              |
| 26  | 20451868 | 1   | * Plug                  |          |              |
| 27  | 949658   | 1   | * O-ring                |          |              |
| 28  | 946440   | 1   | * Flange screw          |          |              |
| 29  | 946173   | 1   | * Flange screw          |          |              |
| 30  | 968063   | 1   | * Plug                  |          |              |
| 31  | 18665    | 1   | * Gasket                |          |              |
| 32  | 960628   | 1   | * Plug                  |          |              |
| 33  |          | 1   | Rocker arm shaft        | 21985    |              |
| 34  | 20495935 | 1   | Cylinder head gasket    |          |              |
| 35  | 1547419  | 26  | Screw                   |          |              |
| 36  |          | 1   | Lifting eye             |          |              |
| 37  | 966789   | 3   | Hex. socket screw       |          |              |
| 38  | 3843449  | 1   | Cylinder head gasket    |          | See group 99 |

D11A-A, D11A-B, D11A-C, D11A-D

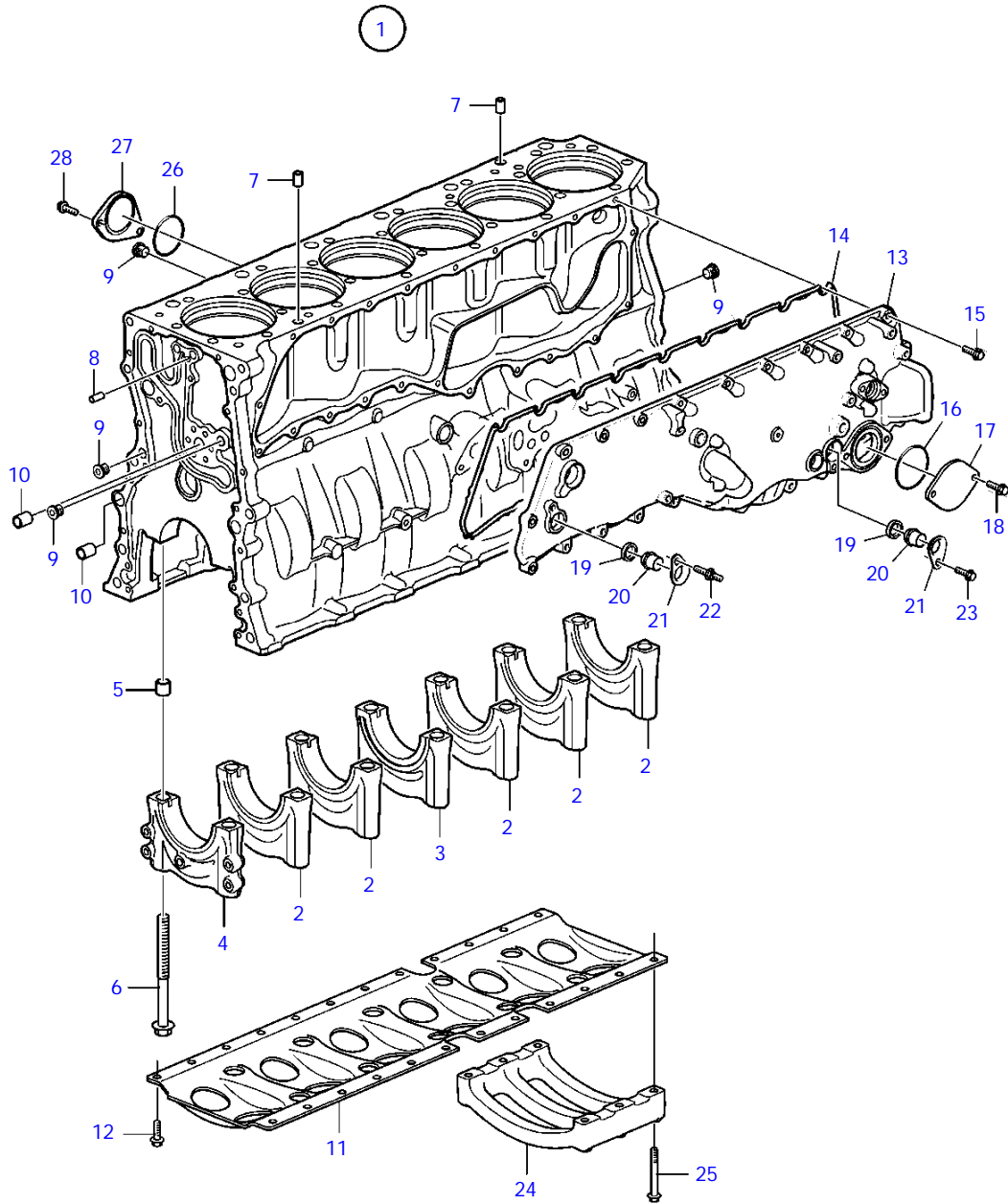


23950

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION     |
|-----|----------|-----|-----------------|
| 1   | 20575762 | 1   | Valve cover     |
| 2   |          | 1   | * Valve cover   |
| 3   | 8131751  | 3   | * Draining bowl |
| 4   | 949657   | 1   | * O-ring        |
| 5   |          | 1   | * Plug          |
| 6   |          | 1   | * Washer        |
| 7   | 24427518 | 2   | * Nut washer    |
| 8   | 20450320 | 2   | * Spacer sleeve |
| 9   | 20804638 | 1   | Sealing strip   |
| 10  | 20739547 | 16  | Flange screw    |

D11A-A, D11A-B, D11A-C, D11A-D

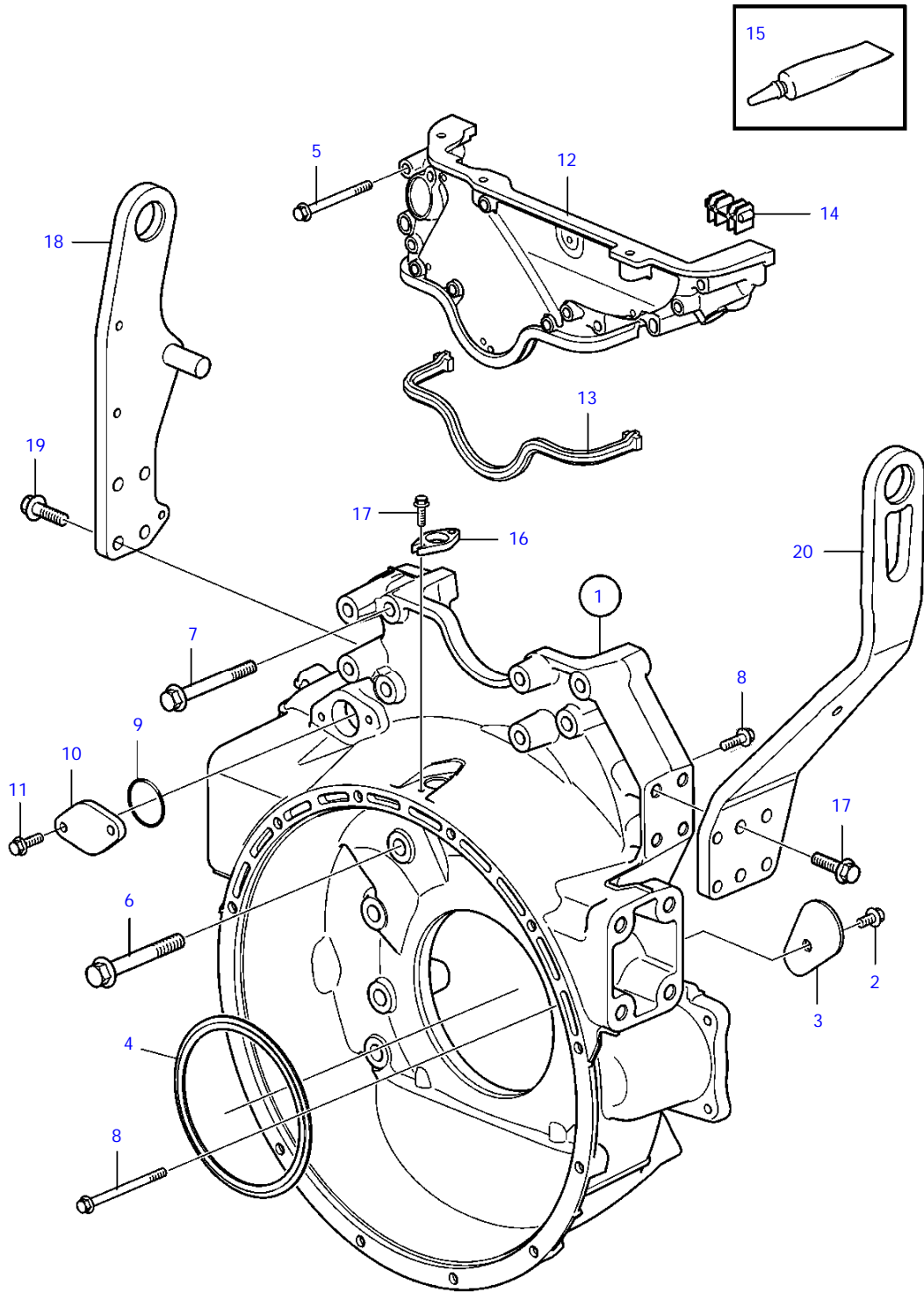


23951

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION         | NOTES                |
|-----|----------|-----|---------------------|----------------------|
| 1   | 21011206 | 1   | Cylinder block      |                      |
| 2   |          | 5   | * Main bearing cap  |                      |
| 3   |          | 1   | * Main bearing cap  |                      |
| 4   |          | 1   | * Main bearing cap  |                      |
| 5   |          | 14  | * Guide sleeve      |                      |
| 6   | 1547040  | 14  | * Screw             |                      |
| 7   | 20485996 | 2   | Guide sleeve        |                      |
| 8   | 950588   | 1   | Pin                 |                      |
| 9   | 984793   | 4   | Plug                |                      |
| 10  | 8131145  | 2   | Guide sleeve        |                      |
| 11  | 20575260 | 1   | Frame               | Replaced by 21644471 |
|     | 21644471 | 1   | Frame reinforcement | Replaced by 21644471 |
|     | 21644617 | 1   | Frame reinforcement |                      |
| 12  | 946472   | 10  | Flange screw        |                      |
| 13  | 20910025 | 1   | Cover               |                      |
| 14  | 20584639 | 1   | Sealing strip       |                      |
| 15  | 946671   | 22  | Flange screw        |                      |
| 16  | 975675   | 1   | O-ring              |                      |
| 17  | 3177470  | 1   | Flange              |                      |
| 18  | 945444   | 2   | Flange screw        |                      |
| 19  | 1547252  | 2   | Sealing ring        |                      |
| 20  | 20845995 | 2   | Plug                |                      |
| 21  | 20718731 | 2   | Yoke                |                      |
| 22  | 20714050 | 1   | Stud                |                      |
| 23  | 945444   | 1   | Flange screw        |                      |
| 24  | 3836277  | 1   | Reinforcement       |                      |
| 25  | 975103   | 6   | Flange screw        |                      |
| 26  | 949660   | 1   | O-ring              |                      |
| 27  | 3884277  | 1   | Cover               |                      |
| 28  | 946173   | 2   | Flange screw        |                      |

D11A-A, D11A-B, D11A-C, D11A-D



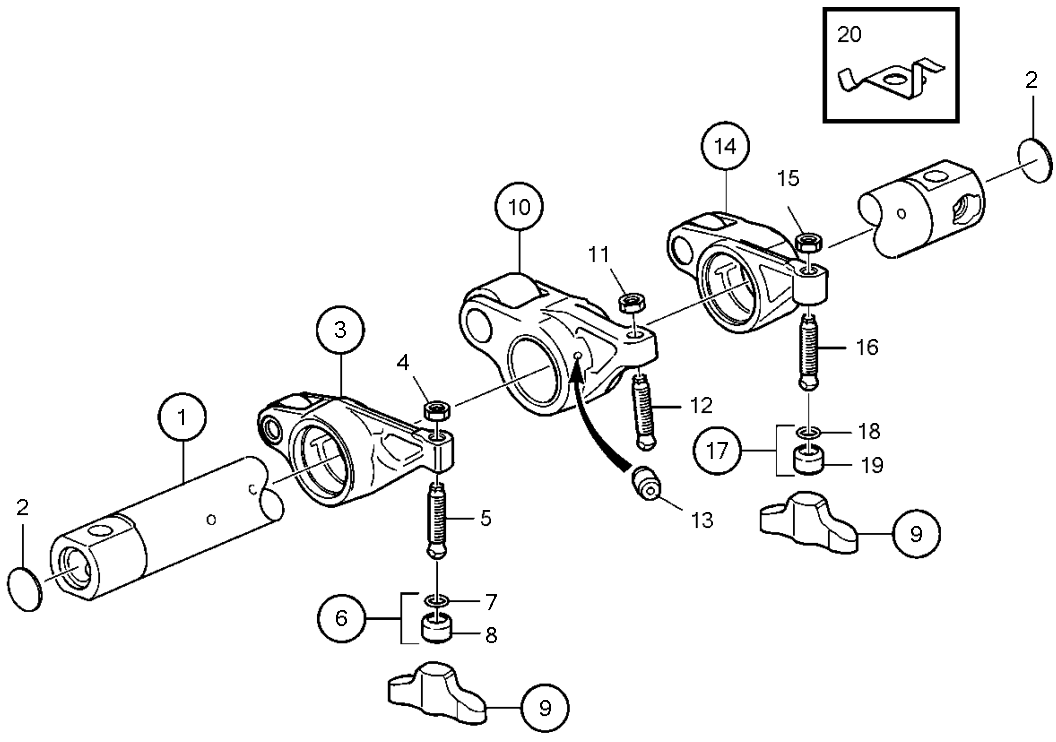
23952

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION       | NOTES            |
|-----|-----------|-----|-------------------|------------------|
| 1   | 21393440  | 1   | Flywheel housing  |                  |
| 2   | 946440    | 1   | * Flange screw    |                  |
| 3   | 3849378   | 1   | * Cover plate     |                  |
| 4   | 8148259   | 1   | Crankshaft seal   |                  |
| 5   | 969189    | 5   | Flange screw      | L=85mm           |
| 6   | 966367    | 6   | Flange screw      | L=100mm          |
|     | 966369    | 1   | Flange screw      | L=120mm          |
| 7   | 965197    | 4   | Flange screw      | L=100mm          |
| 8   | 946173    | 6   | Flange screw      | L=20mm           |
|     | 975199    | 2   | Flange screw      | L=35mm           |
|     | 975192    | 1   | Flange screw      | L=100mm          |
| 9   | 948610    | 1   | O-ring            |                  |
| 10  | 3884277   | 1   | Cover             |                  |
| 11  | 945444    | 2   | Flange screw      |                  |
| 12  | 20764595  | 1   | Timing gear cover |                  |
| 13  | 20817742  | 1   | Gasket            |                  |
| 14  | 20572441  | 2   | Gasket            |                  |
| 15  | 1161277   | X   | Sealant           | 20g              |
| 16  | 3885657   | 1   | Shim              |                  |
| 17  | 946934    | 2   | Flange screw      |                  |
| 18  | (3589187) | 1   | Lifting eye       | Obsolete part, P |
| 19  | 965225    | 8   | Flange screw      |                  |
| 20  | 3586761   | 1   | Lifting eye       | S.B              |



D11A-A, D11A-B, D11A-C, D11A-D



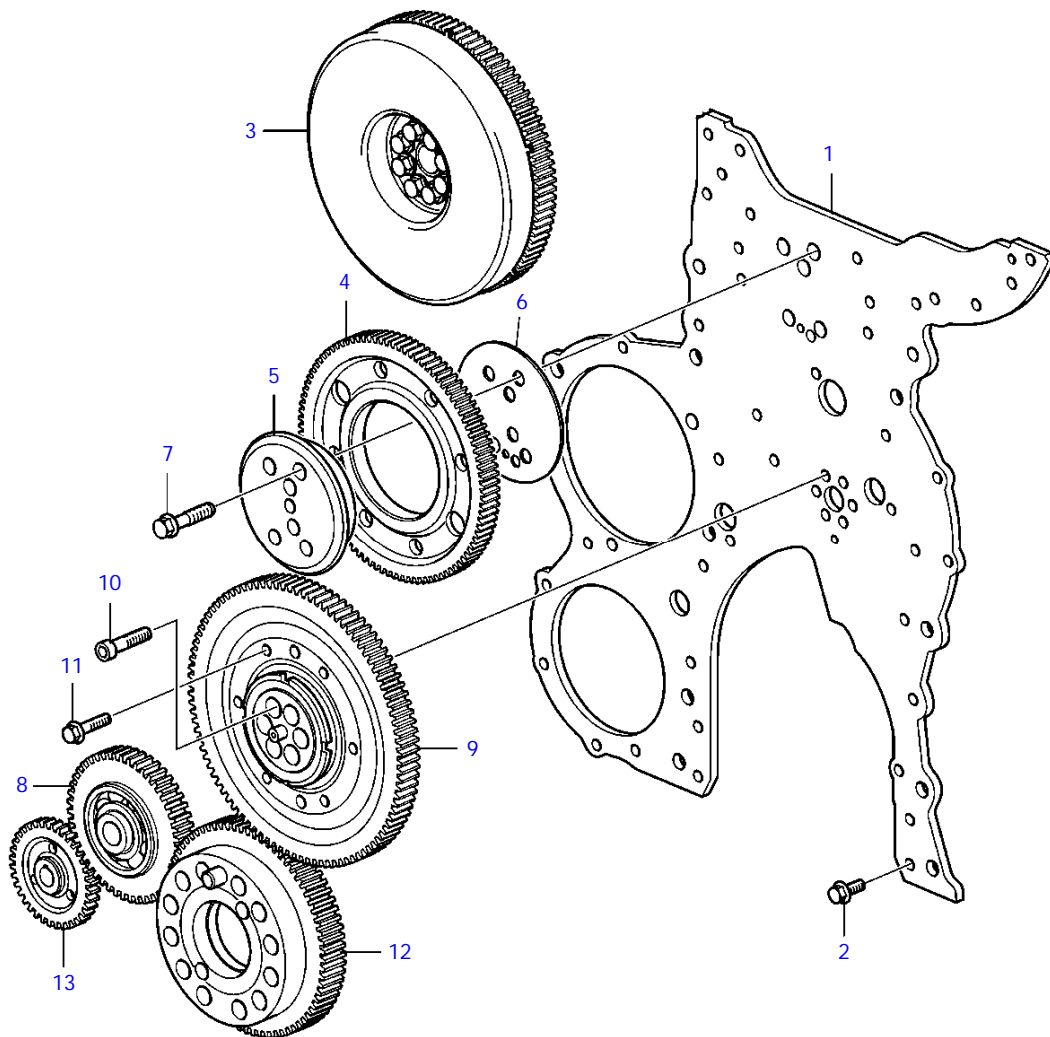
23949



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION               |
|-----|----------|-----|---------------------------|
| 1   | 20715792 | 1   | Rocker arm shaft          |
| 2   | 955096   | 2   | * Expansion plug          |
| 3   | 21452714 | 6   | Rocker arm, intake        |
| 4   | 946911   | 1   | * Hexagon nut             |
| 5   | 1546458  | 1   | * Ball stud               |
| 6   | 20441753 | 1   | * Ball socket             |
| 7   | 944364   | 1   | * • O-ring                |
| 8   |          | 1   | * • Ball seat             |
| 9   | 20751464 | 12  | Valve yoke                |
| 10  | 21301512 | 6   | Rocker arm, fuel injector |
| 11  | 1677396  | 6   | * Hexagon nut             |
| 12  | 1546775  | 6   | * Ball stud               |
| 13  | 3964817  | 6   | * Jet                     |
| 14  | 21654344 | 6   | Rocker arm                |
| 15  | 946911   | 1   | * Hexagon nut             |
| 16  | 1546458  | 1   | * Ball stud               |
| 17  | 20441753 | 1   | * Ball socket             |
| 18  | 944364   | 1   | * • O-ring                |
| 19  |          | 1   | * • Ball seat             |
| 20  | 8148186  | 6   | Leaf spring               |

D11A-A, D11A-B, D11A-C, D11A-D

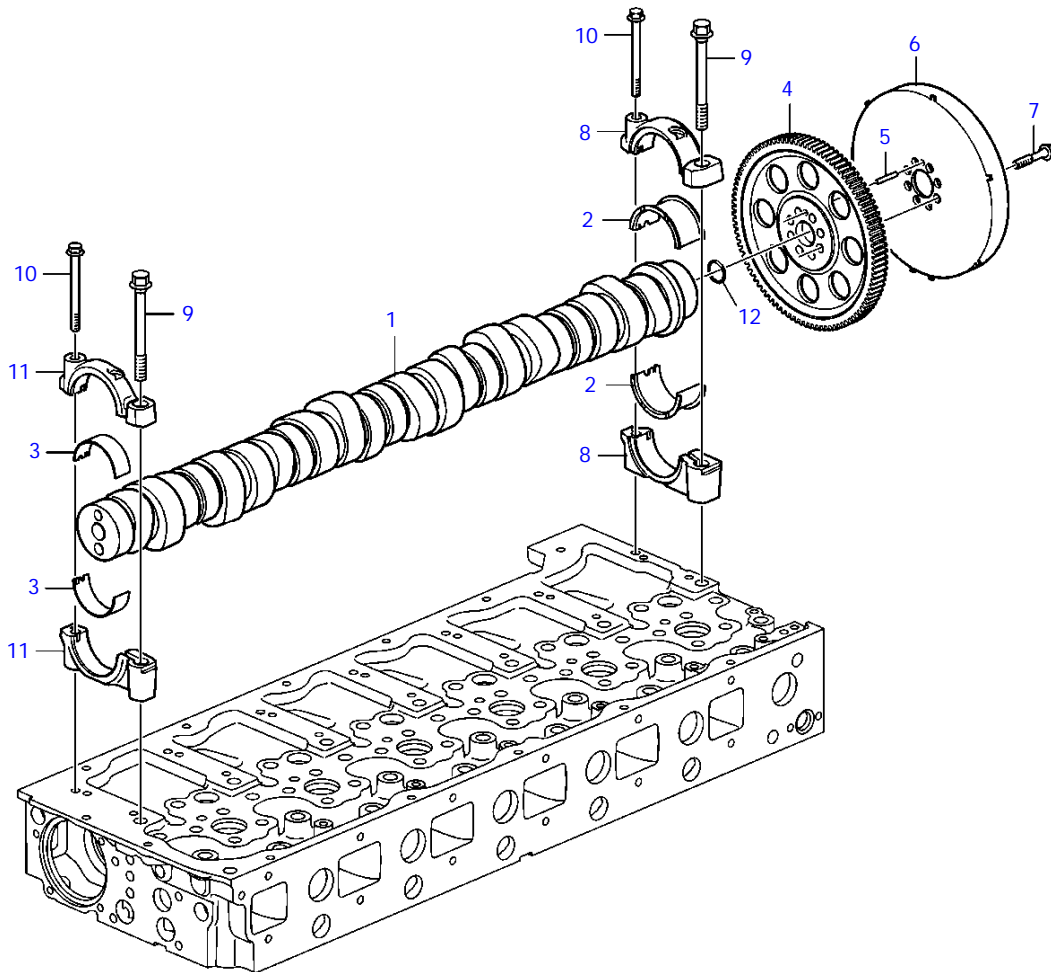


24196

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                     | SEE SEC. |
|-----|----------|-----|---------------------------------|----------|
| 1   | 3886444  | 1   | Timing gear plate               |          |
| 2   | 966378   | 24  | Flange screw                    |          |
| 3   |          | 1   | Gear, camshaft                  | 21990    |
| 4   | 20849147 | 1   | Idler gear, camshaft            |          |
| 5   | 21012985 | 1   | Hub                             |          |
| 6   | 8131850  | 1   | Thrust washer                   |          |
| 7   | 21015266 | 5   | Flange screw                    |          |
| 8   | 20714549 | 1   | Idler gear, power steering pump |          |
| 9   | 21060841 | 1   | Idler gear                      |          |
| 10  | 20483919 | 6   | Hex. socket screw               |          |
| 11  | 8131597  | 6   | Flange screw                    |          |
| 12  | 8148111  | 1   | Gear                            |          |
| 13  | 8148198  | 1   | Gear                            |          |

D11A-A, D11A-B, D11A-C, D11A-D

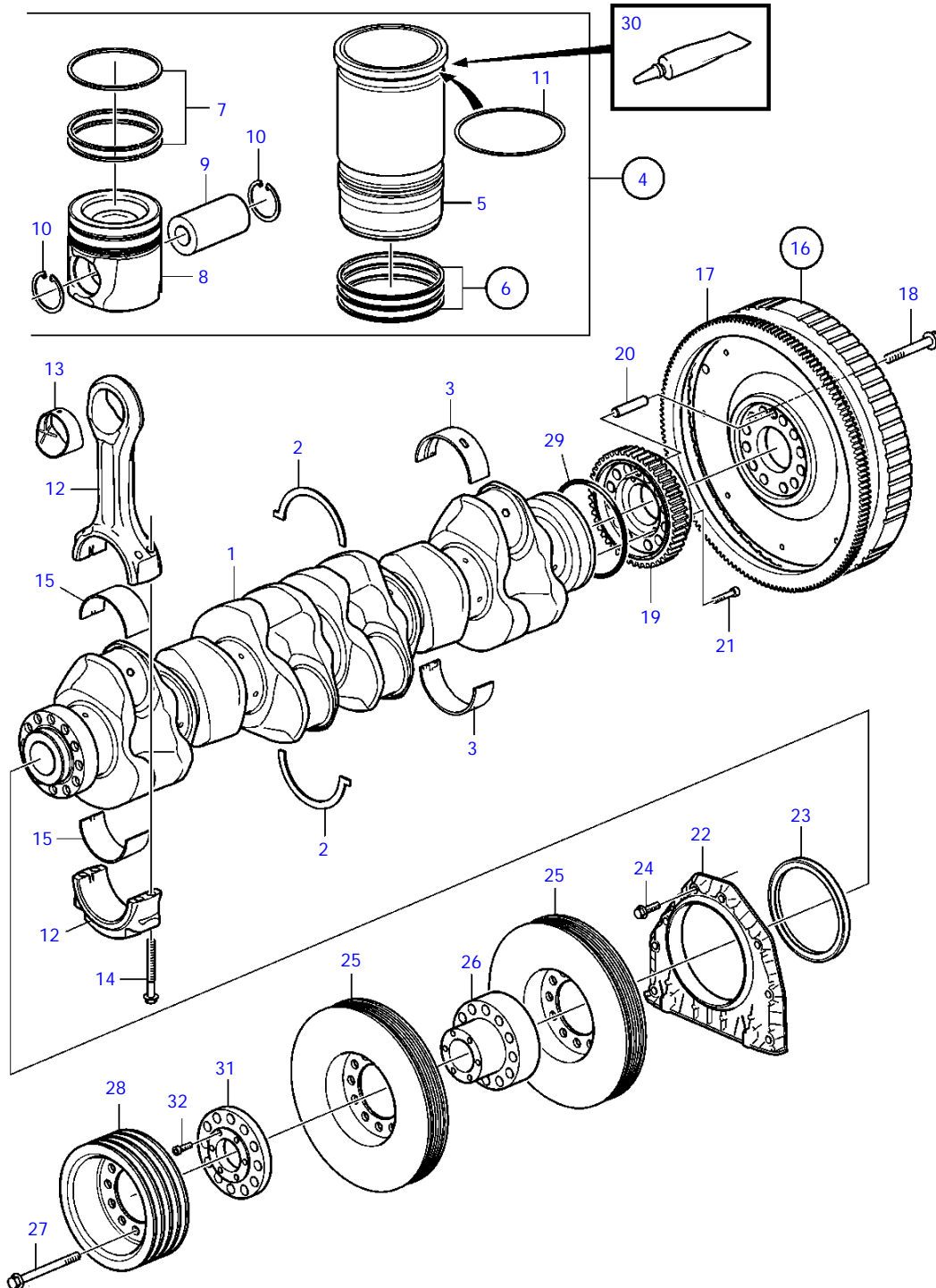


23961

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES  |
|-----|----------|-----|------------------|--------|
| 1   | 20451775 | 1   | Camshaft         |        |
| 2   | 8148037  | 2   | Bearing shell    |        |
| 3   | 8148038  | 12  | Bearing shell    |        |
| 4   | 8131386  | 1   | Gear             |        |
| 5   | 950551   | 1   | * Pin            | L=35mm |
| 6   | 20450049 | 1   | Vibration damper |        |
| 7   | 8131597  | 6   | Flange screw     |        |
| 8   | 3161082  | 1   | Bearing housing  |        |
| 9   | 20412482 | 7   | Flange screw     |        |
| 10  | 975105   | 7   | Flange screw     |        |
| 11  | 3161079  | 6   | Bearing housing  |        |
| 12  | 950542   | 1   | Pin              | L=25mm |

D11A-A, D11A-B, D11A-C, D11A-D



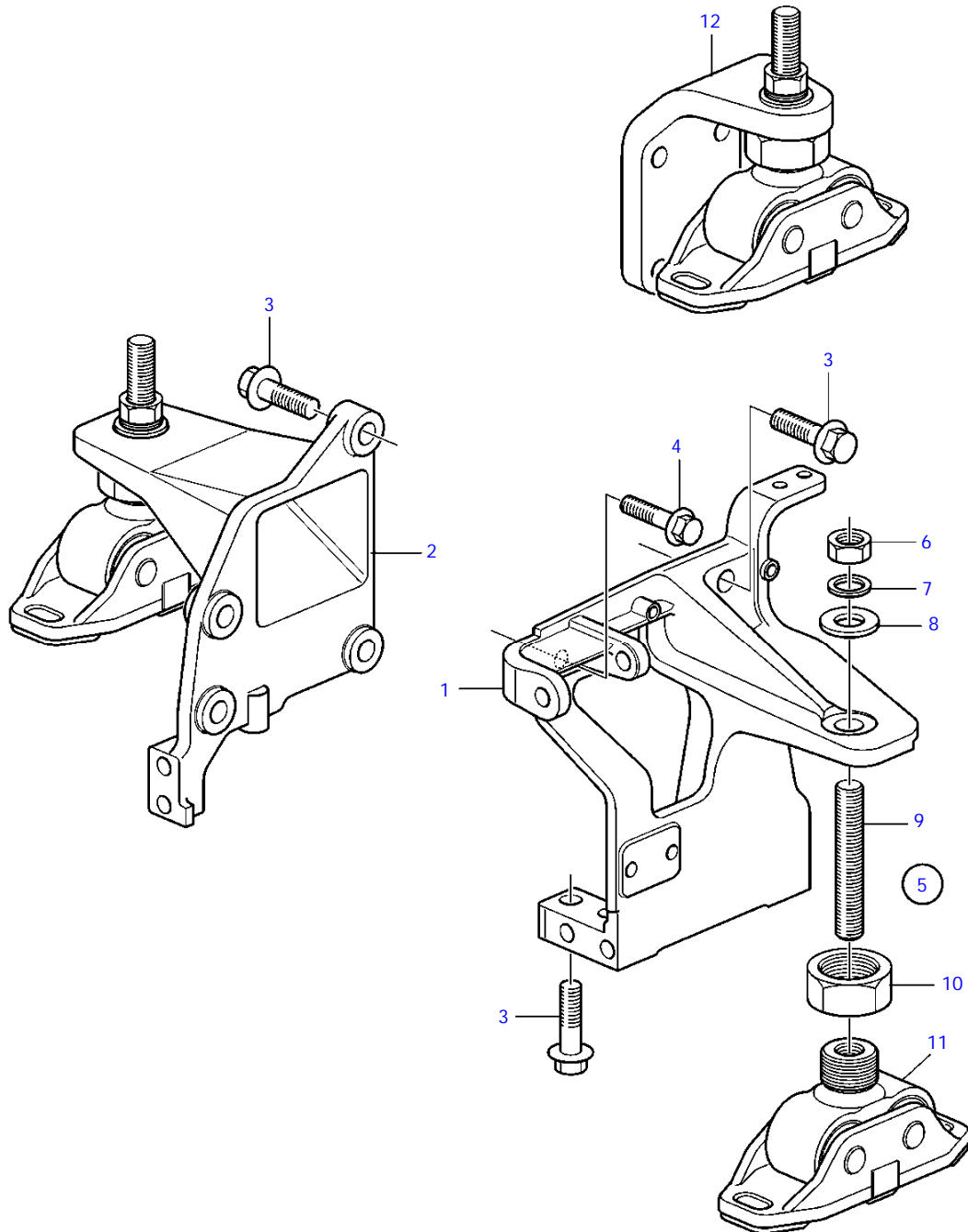
24080

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | NOTES                |
|-----|----------|-----|----------------------|----------------------|
| 1   | 20585167 | 1   | Crankshaft           |                      |
| 2   | 3093651  | 1   | Thrust washer kit    | Std                  |
|     | 3093652  | 1   | Thrust washer kit    | O.S=00,1mm           |
|     | 3093653  | 1   | Thrust washer kit    | O.S=0,20mm           |
|     | 3093654  | 1   | Thrust washer        | O.S=0,30mm           |
| 3   | 20867178 | 7   | Main bearing kit     | Std (85103707)       |
|     | 85103708 | 7   | Main bearing kit     | O.S=0,25mm           |
|     | 85103709 | 7   | Main bearing kit     | O.S=0,50mm           |
|     | 85103711 | 7   | Main bearing kit     | O.D=1,0mm            |
| 4   | 3593795  | 6   | Cylinder liner kit   |                      |
| 5   |          | 1   | * Cylinder liner     |                      |
| 6   | 85103699 | 1   | * Sealing kit        |                      |
|     |          | 1   | * * Sealing ring     | Upper                |
| 7   | 20463853 | X   | * Shim               | TH=0,2mm             |
|     | 20463854 | X   | * Shim               | TH=0,3mm             |
|     | 20463855 | X   | * Shim               | TH=0,5mm             |
| 8   | 85109662 | 1   | * Kit                |                      |
|     |          | 1   | * * Compression ring | Upper                |
|     |          | 1   | * * Compression ring | Lower                |
|     |          | 1   | * * Oil scraper ring |                      |
| 9   |          | 1   | * Piston             |                      |
| 10  |          | 1   | * Piston pin         |                      |
| 11  | 3161087  | 2   | * Snap ring          |                      |
| 12  | 20480806 | 6   | Connecting rod       | Replaced by 21405253 |
|     | 21405253 | 6   | Connecting rod       |                      |
| 13  |          | 6   | * Bushing            |                      |
| 14  | 8192804  | 24  | * Screw              |                      |
| 15  | 85109792 | 6   | Kit                  | Std                  |
| 16  | 3849381  | 1   | Flywheel             |                      |
| 17  | 3838729  | 1   | * Gear ring          |                      |
| 18  | 21340868 | 12  | Screw                |                      |
| 19  | 8148111  | 1   | Gear                 |                      |
| 20  | 950658   | 1   | Pin                  |                      |
| 21  | 941761   | 2   | Hex. socket screw    |                      |
| 22  | 20777233 | 1   | Cover                |                      |
| 23  | 85108423 | 1   | * Crankshaft seal    |                      |
| 24  | 946671   | 8   | Flange screw         |                      |
| 25  | 3847678  | 2   | Vibration damper     |                      |
| 26  | 3586634  | 1   | Spacer ring          |                      |
| 27  | 965196   | 12  | Flange screw         |                      |
| 28  | 3837937  | 1   | Pulley               |                      |
| 29  | 949736   | 1   | O-ring               |                      |
| 30  | 1161231  | X   | Sealant              | 304ml                |
|     | 1161277  | X   | Sealant              | 20g                  |
| 31  | 3809765  | 1   | Spacer ring          |                      |
| 32  | 20483919 | 6   | Hex. socket screw    |                      |



D11A-A, D11A-B, D11A-C, D11A-D

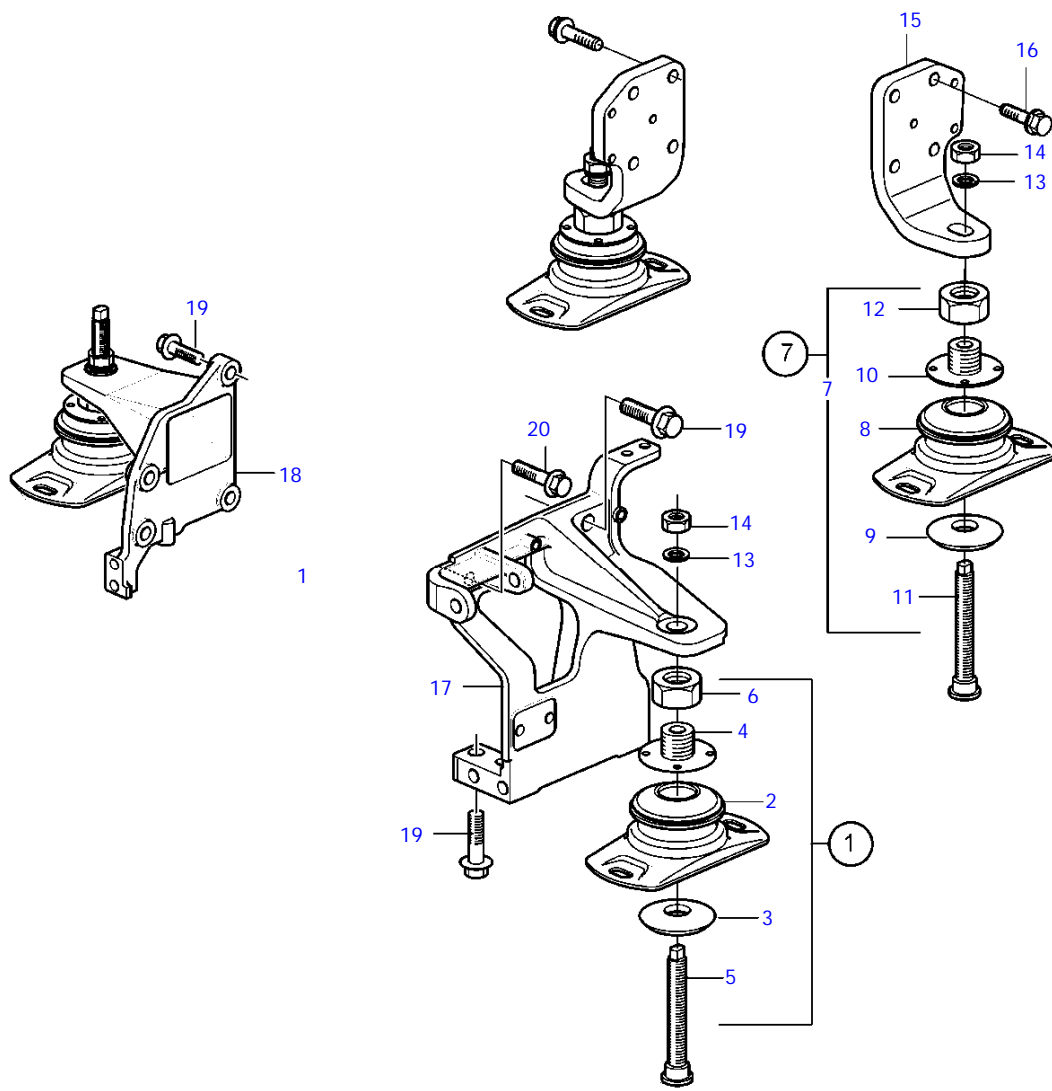


24192

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION        | SEE SEC. | NOTES          |
|-----|-----------|-----|--------------------|----------|----------------|
| 1   | 3807514   | 1   | Engine mountings   |          | Front          |
| 2   | 3838920   | 1   | Engine mountings   |          | Front          |
| 3   | 968436    | 8   | Flange screw       |          |                |
| 4   | 946472    | 1   | Flange screw       |          |                |
| 5   | 3817318   | 2   | Rubber cushion kit |          | 45 sh          |
| 6   | 955786    | 1   | * Hexagon nut      |          |                |
| 7   | 990697    | 1   | * Lock washer      |          |                |
| 8   | 120224    | 1   | * Washer           |          |                |
| 9   | 3817323   | 1   | * Adjusting screw  |          |                |
| 10  | 3839409   | 1   | * Nut              |          |                |
| 11  | (3817321) | 1   | * Bracket          |          | Obsolete part  |
| 12  | 3808128   | 2   | Engine mountings   | 22369    | For ZF305-2A-E |
|     |           | 2   | Engine mountings   | 22366    | For ZF311A-E   |

D11A-C, D11A-D

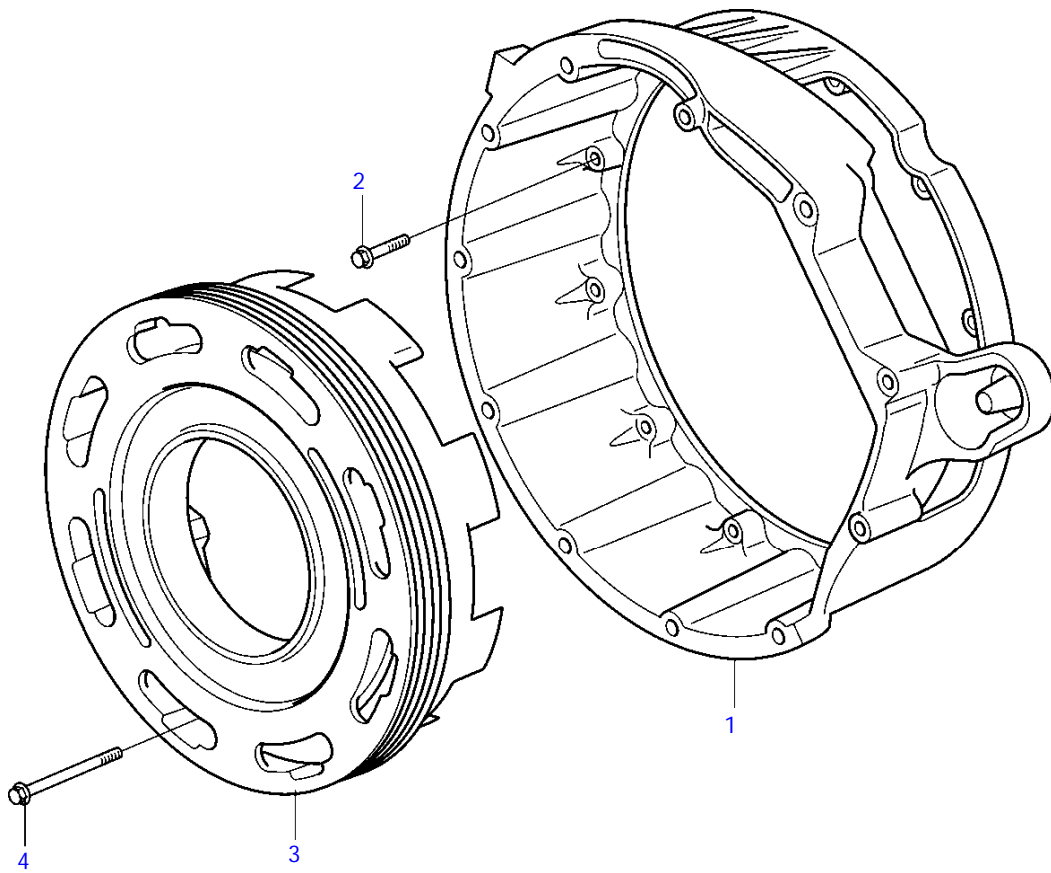


25818

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION       | NOTES |
|-----|----------|-----|-------------------|-------|
| 1   | 21187581 | 1   | Rubber cushion    | Front |
| 2   |          | 1   | * Rubber cushion  |       |
| 3   | 3593855  | 1   | * Bracket         |       |
| 4   | 3593858  | 1   | * Washer          |       |
| 5   | 3593856  | 1   | * Adjusting screw |       |
| 6   | 3594127  | 1   | * Nut             |       |
| 7   | 21187536 | 1   | Rubber cushion    | Rear  |
| 8   |          | 1   | * Rubber cushion  |       |
| 9   | 3593855  | 1   | * Bracket         |       |
| 10  | 3593858  | 1   | * Washer          |       |
| 11  | 3593856  | 1   | * Adjusting screw |       |
| 12  | 3594127  | 1   | * Nut             |       |
| 13  | 990697   | 1   | Lock washer       |       |
| 14  | 955786   | 1   | Hexagon nut       |       |
| 15  | 21211100 | 2   | Anchorage         |       |
| 16  | 966360   | 8   | Flange screw      |       |
| 17  | 3807514  | 1   | Engine mountings  |       |
| 18  | 3838920  | 1   | Engine mountings  |       |
| 19  | 968436   | 8   | Flange screw      |       |
| 20  | 946472   | 1   | Flange screw      |       |

D11A-C, D11A-D

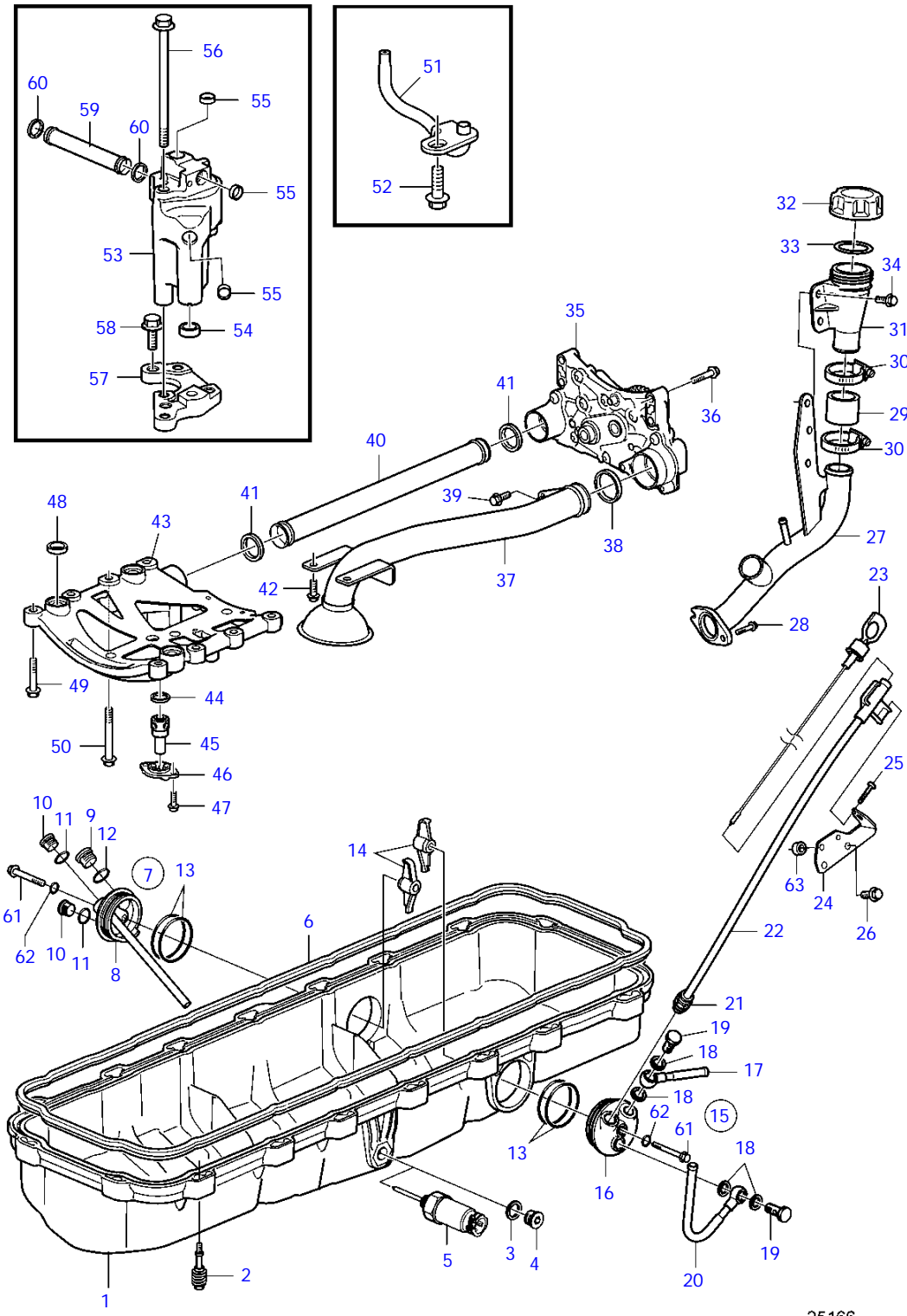


25093

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION  |
|-----|----------|-----|--------------|
| 1   | 21282067 | 1   | Adapter ring |
| 2   | 965186   | 12  | Flange screw |
| 3   | 21257633 | 1   | Pulley       |
| 4   | 968842   | 8   | Flange screw |

D11A-C, D11A-D



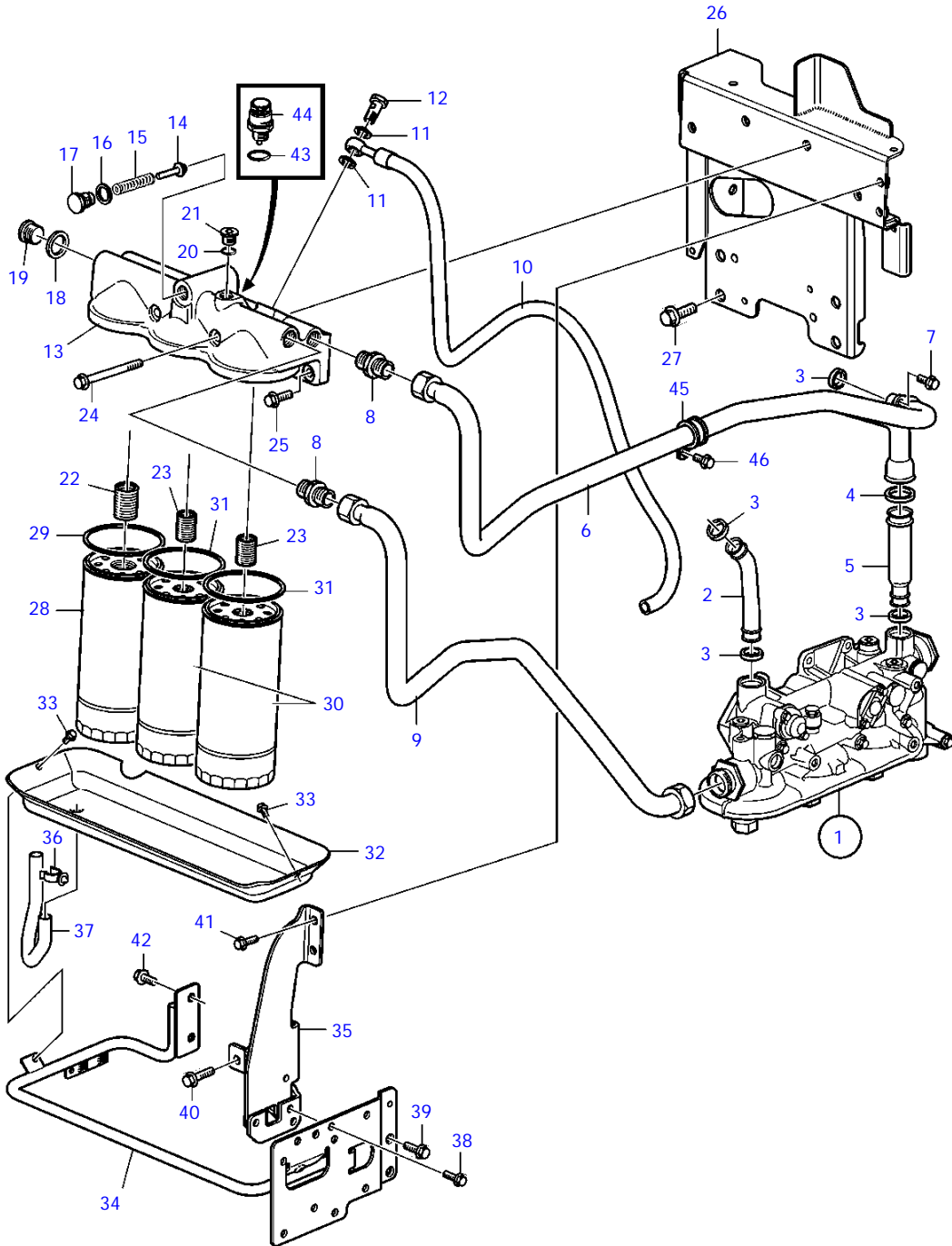
25166

## D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC. | NOTES         |
|-----|----------|-----|----------------------|----------|---------------|
| 1   | 3808491  | 1   | Oil pan              |          |               |
| 2   | 20739547 | 18  | Flange screw         |          |               |
| 3   | 11998    | 1   | Gasket               |          |               |
| 4   | (966144) | 1   | Plug                 |          |               |
| 5   |          | 1   | Level sensor         |          | Obsolete part |
| 6   | 20812484 | 1   | Sealing strip        | 22014    |               |
| 7   | 21152129 | 1   | Cover flange         |          |               |
| 8   |          |     | * Cover              |          |               |
| 9   | 966143   | 1   | * Plug               |          |               |
| 10  | 945065   | 2   | * Plug               |          |               |
| 11  | 982723   | 2   | * Gasket             |          |               |
| 12  | 982724   | 1   | * Gasket             |          |               |
| 13  | 967343   | 4   | O-ring               |          |               |
| 14  | 3812221  | 2   | Wing nut             |          |               |
| 15  | 21442157 | 1   | Cover flange         |          |               |
| 16  |          | 1   | * Cover              |          |               |
| 17  |          | 1   | * Oil pipe           |          |               |
| 18  | 982723   | 4   | * Gasket             |          |               |
| 19  | 25167    | 2   | * Hollow screw       |          |               |
| 20  |          | 1   | * Oil pipe           |          |               |
| 21  |          | 1   | * Nipple             |          |               |
| 22  | 21442388 | 1   | Pipe                 |          |               |
| 23  | 21186628 | 1   | Oil dipstick         |          |               |
| 24  | 21277902 | 1   | Bracket              |          |               |
| 25  | 975371   | 1   | 6 point socket screw |          |               |
| 26  | 946173   | 2   | Flange screw         |          |               |
| 27  | 21275561 | 1   | Oil filler pipe      |          |               |
| 28  | 945444   | 2   | Flange screw         |          |               |
| 29  | 21278364 | 1   | Hose                 |          |               |
| 30  | 993964   | 2   | Hose clamp           |          |               |
| 31  | 20808091 | 1   | Oil filler pipe      |          |               |
| 32  | 20807510 | 1   | * Oil filler cap     |          |               |
| 33  | 20365079 | 1   | * * Gasket           |          |               |
| 34  | 946440   | 2   | Flange screw         |          |               |
| 35  | 20570573 | 1   | Oil pump             |          |               |
|     |          |     | details not spec.    |          |               |
| 36  | 947760   | 4   | Flange screw         |          |               |
| 37  | 3883823  | 1   | Oil strainer         |          |               |
| 38  | 20570444 | 1   | Sealing ring         |          |               |
| 39  | 949853   | 1   | Flange screw         |          |               |
| 40  | 20563450 | 1   | Pressure pipe        |          |               |
| 41  | 20570449 | 2   | Sealing ring         |          |               |
| 42  | 946173   | 1   | Flange screw         |          |               |
| 43  | 21125138 | 1   | Valve housing        |          |               |
| 44  | 469846   | 1   | * Sealing ring       |          |               |
| 45  | 3826265  | 1   | * Reduction valve    |          |               |
| 46  | 471648   | 1   | * Cover              |          |               |
| 47  | 946544   | 2   | * Flange screw       |          |               |
| 48  | 21092243 | 3   | * Sealing ring       |          |               |
| 49  | 965186   | 6   | Flange screw         |          |               |
| 50  | 947790   | 2   | Flange screw         |          |               |
| 51  | 21389857 | 6   | Piston cooling jet   |          |               |
| 52  | 966378   | 6   | Flange screw         |          |               |
| 53  | 20540340 | 1   | Intermediate housing |          |               |
| 54  | 20526428 | 1   | Sealing ring         |          |               |
| 55  | 955082   | 3   | Cap plug             |          |               |
| 56  | 969225   | 2   | Flange screw         |          |               |
| 57  | 20862692 | 1   | Adapler              |          |               |
| 58  | 946173   | 3   | Flange screw         |          |               |
| 59  | 20951326 | 1   | Connection pipe      |          |               |
| 60  | 1677370  | 2   | Sealing ring         |          |               |
| 61  | 948871   | 1   | Spacer washer        |          |               |
| 62  | 990058   | 2   | O-ring               |          |               |
| 63  | 946440   | 2   | Flange screw         |          |               |



D11A-A, D11A-B, D11A-C, D11A-D

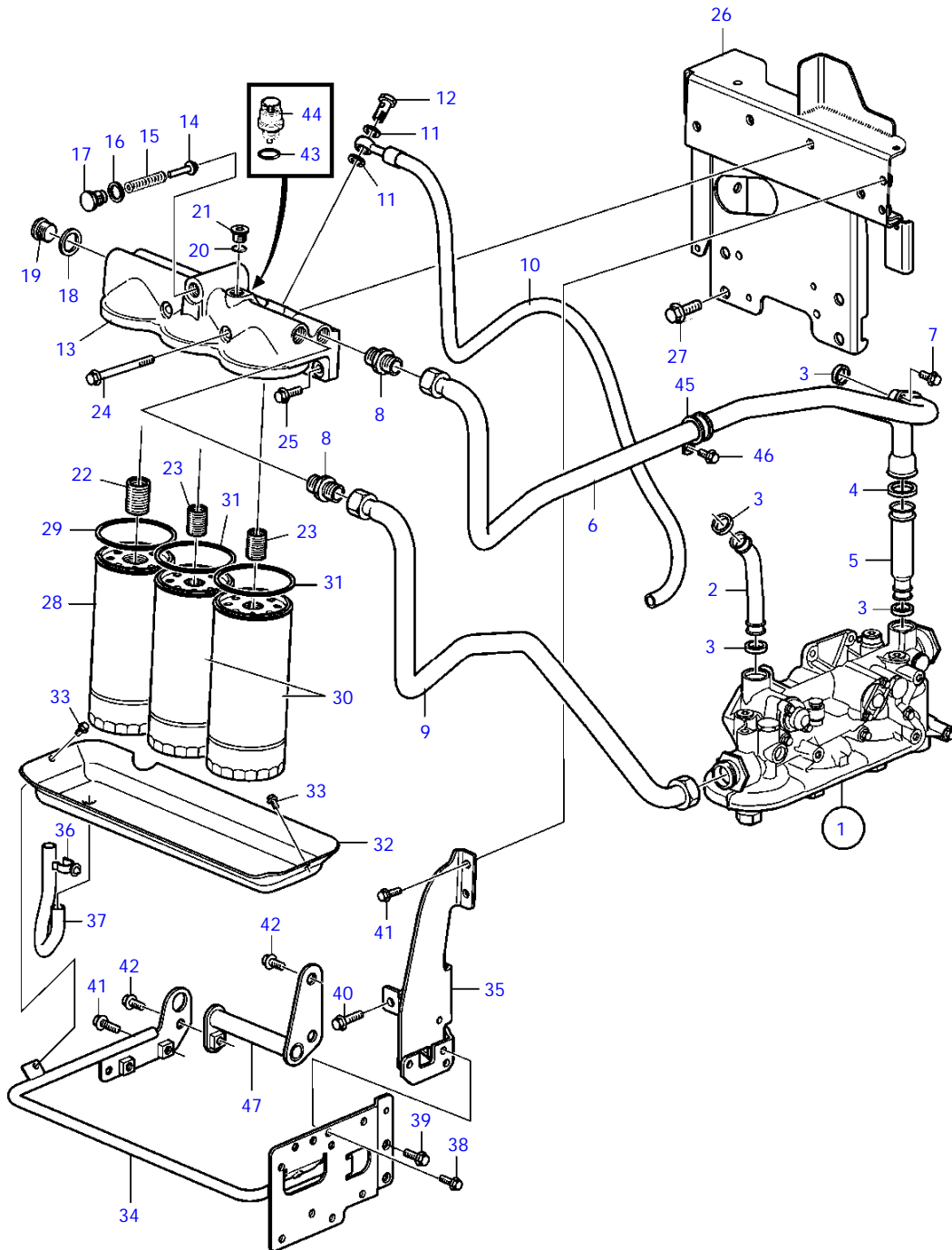


24123

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                      | SEE SEC. | NOTES              |
|-----|----------|-----|----------------------------------|----------|--------------------|
| 1   | 3886539  | 1   | Oil filter housing               |          |                    |
|     |          |     | *                                | 21996    |                    |
| 2   | 20951337 | 1   | Pipe                             |          |                    |
| 3   | 471626   | 3   | Sealing ring                     |          |                    |
| 4   | 1543578  | 1   | Sealing ring                     |          |                    |
| 5   | 21114916 | 1   | Oil line                         |          |                    |
| 6   | 3885721  | 1   | Oil line                         |          |                    |
| 7   | 946173   | 2   | Flange screw                     |          |                    |
| 8   | 984802   | 2   | Nipple                           |          |                    |
| 9   | 3885725  | 1   | Oil line                         |          |                    |
| 10  | 3883438  | 1   | Oil hose                         |          |                    |
| 11  | 982723   | 2   | Gasket                           |          |                    |
| 12  | 25167    | 1   | Hollow screw                     |          |                    |
| 13  | 11127988 | 1   | Oil filter housing               |          |                    |
| 14  | 471085   | 1   | * Valve cone                     |          |                    |
| 15  | 466653   | 1   | * Compression spring             |          |                    |
| 16  | 976932   | 1   | * Gasket                         |          |                    |
| 17  | 471598   | 1   | * Plug                           |          |                    |
| 18  |          | 1   | * Gasket                         |          |                    |
| 19  |          | 1   | * Plug                           |          |                    |
| 20  |          | 1   | * Gasket                         |          |                    |
| 21  |          | 1   | * Plug                           |          |                    |
| 22  | 469904   | 1   | * Nipple                         |          |                    |
| 23  | 466623   | 2   | * Nipple                         |          |                    |
| 24  | 969313   | 2   | Flange screw                     |          |                    |
| 25  | 946472   | 2   | Flange screw                     |          |                    |
| 26  | 21131317 | 1   | Bracket                          |          |                    |
| 27  | 966356   | 4   | Flange screw                     |          |                    |
| 28  | 477556   | 1   | Oil filter                       |          |                    |
| 29  |          | 1   | * Gasket                         |          |                    |
| 30  | 478736   | 2   | Oil filter                       |          |                    |
| 31  |          | 2   | * Gasket                         |          |                    |
| 32  | 3595397  | 1   | Spill plate                      |          |                    |
| 33  | 967949   | 2   | Flange screw                     |          |                    |
| 34  | 3887397  | 1   | Bracket                          |          | Earlier production |
| 35  | 3817750  | 1   | Bracket                          |          |                    |
| 36  | 9135343  | 1   | Retainer                         |          |                    |
| 37  | 941507   | X   | Hose                             |          | L=300mm            |
| 38  | 945444   | 2   | Flange screw                     |          |                    |
| 39  | 946472   | 2   | Flange screw                     |          |                    |
| 40  | 965186   | 2   | Flange screw                     |          |                    |
| 41  | 946440   | 2   | Flange screw                     |          |                    |
| 42  | 946441   | 2   | Flange screw                     |          |                    |
| 43  | 968559   | 1   | O-ring                           |          |                    |
| 44  | 1077574  | 1   | Sensor, oil pressure/temperature |          |                    |
| 45  | 943717   | 1   | Clamp                            |          |                    |
| 46  | 947107   | 1   | Flange screw                     |          |                    |

D11A-A, D11A-B, D11A-C, D11A-D

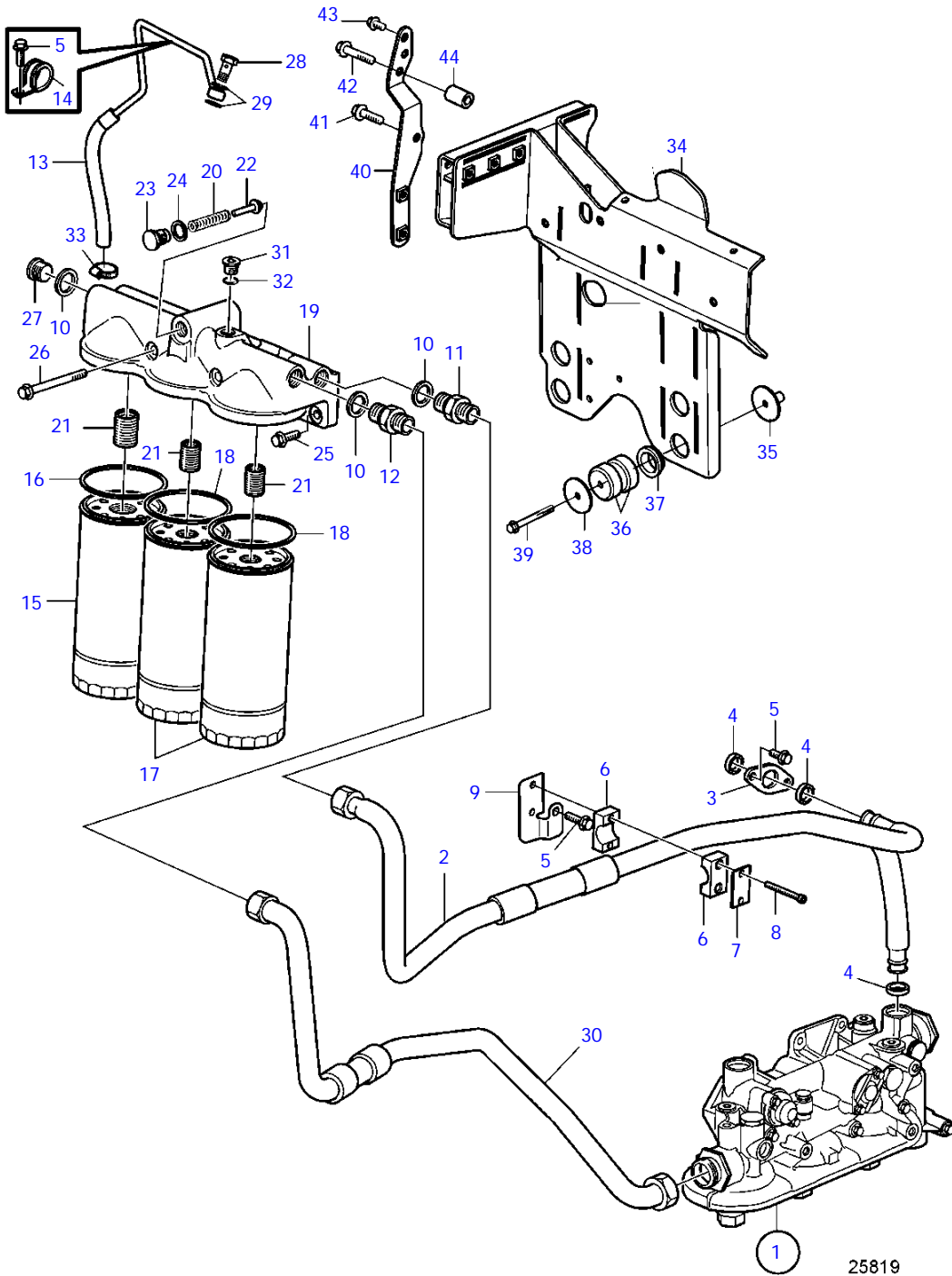


25062

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                      | SEE SEC. | NOTES            |
|-----|----------|-----|----------------------------------|----------|------------------|
| 1   | 3886539  | 1   | Oil filter housing               |          |                  |
|     |          |     | *                                | 21996    |                  |
| 2   | 20951337 | 1   | Pipe                             |          |                  |
| 3   | 471626   | 3   | Sealing ring                     |          |                  |
| 4   | 1543578  | 1   | Sealing ring                     |          |                  |
| 5   | 21114916 | 1   | Oil line                         |          |                  |
| 6   | 3885721  | 1   | Oil line                         |          |                  |
| 7   | 946173   | 2   | Flange screw                     |          |                  |
| 8   | 984802   | 2   | Nipple                           |          |                  |
| 9   | 3885725  | 1   | Oil line                         |          |                  |
| 10  | 3883438  | 1   | Oil hose                         |          |                  |
| 11  | 982723   | 2   | Gasket                           |          |                  |
| 12  | 25167    | 1   | Hollow screw                     |          |                  |
| 13  | 11127988 | 1   | Oil filter housing               |          |                  |
| 14  | 471085   | 1   | * Valve cone                     |          |                  |
| 15  | 466653   | 1   | * Compression spring             |          |                  |
| 16  | 976932   | 1   | * Gasket                         |          |                  |
| 17  | 471598   | 1   | * Plug                           |          |                  |
| 18  |          | 1   | * Gasket                         |          |                  |
| 19  |          | 1   | * Plug                           |          |                  |
| 20  |          | 1   | * Gasket                         |          |                  |
| 21  |          | 1   | * Plug                           |          |                  |
| 22  | 469904   | 1   | * Nipple                         |          |                  |
| 23  | 466623   | 2   | * Nipple                         |          |                  |
| 24  | 969313   | 2   | Flange screw                     |          |                  |
| 25  | 946472   | 2   | Flange screw                     |          |                  |
| 26  | 21131317 | 1   | Bracket                          |          |                  |
| 27  | 966356   | 4   | Flange screw                     |          |                  |
| 28  | 477556   | 1   | Oil filter                       |          |                  |
| 29  |          | 1   | * Gasket                         |          |                  |
| 30  | 478736   | 2   | Oil filter                       |          |                  |
| 31  |          | 2   | * Gasket                         |          |                  |
| 32  | 3595397  | 1   | Spill plate                      |          |                  |
| 33  | 967949   | 2   | Flange screw                     |          |                  |
| 34  | 21384429 | 1   | Bracket                          |          | Later production |
| 35  | 3817750  | 1   | Bracket                          |          |                  |
| 36  | 9135343  | 1   | Retainer                         |          |                  |
| 37  | 941507   | X   | Hose                             |          | L=300mm          |
| 38  | 945444   | 2   | Flange screw                     |          |                  |
| 39  | 946472   | 2   | Flange screw                     |          |                  |
| 40  | 965186   | 2   | Flange screw                     |          |                  |
| 41  | 946440   | 5   | Flange screw                     |          |                  |
| 42  | 946441   | 2   | Flange screw                     |          |                  |
| 43  | 968559   | 1   | O-ring                           |          |                  |
| 44  | 1077574  | 1   | Sensor, oil pressure/temperature |          |                  |
| 45  | 943717   | 1   | Clamp                            |          |                  |
| 46  | 947107   | 1   | Flange screw                     |          |                  |
| 47  | 21384679 | 1   | Bracket                          |          |                  |

D11A-C, D11A-D

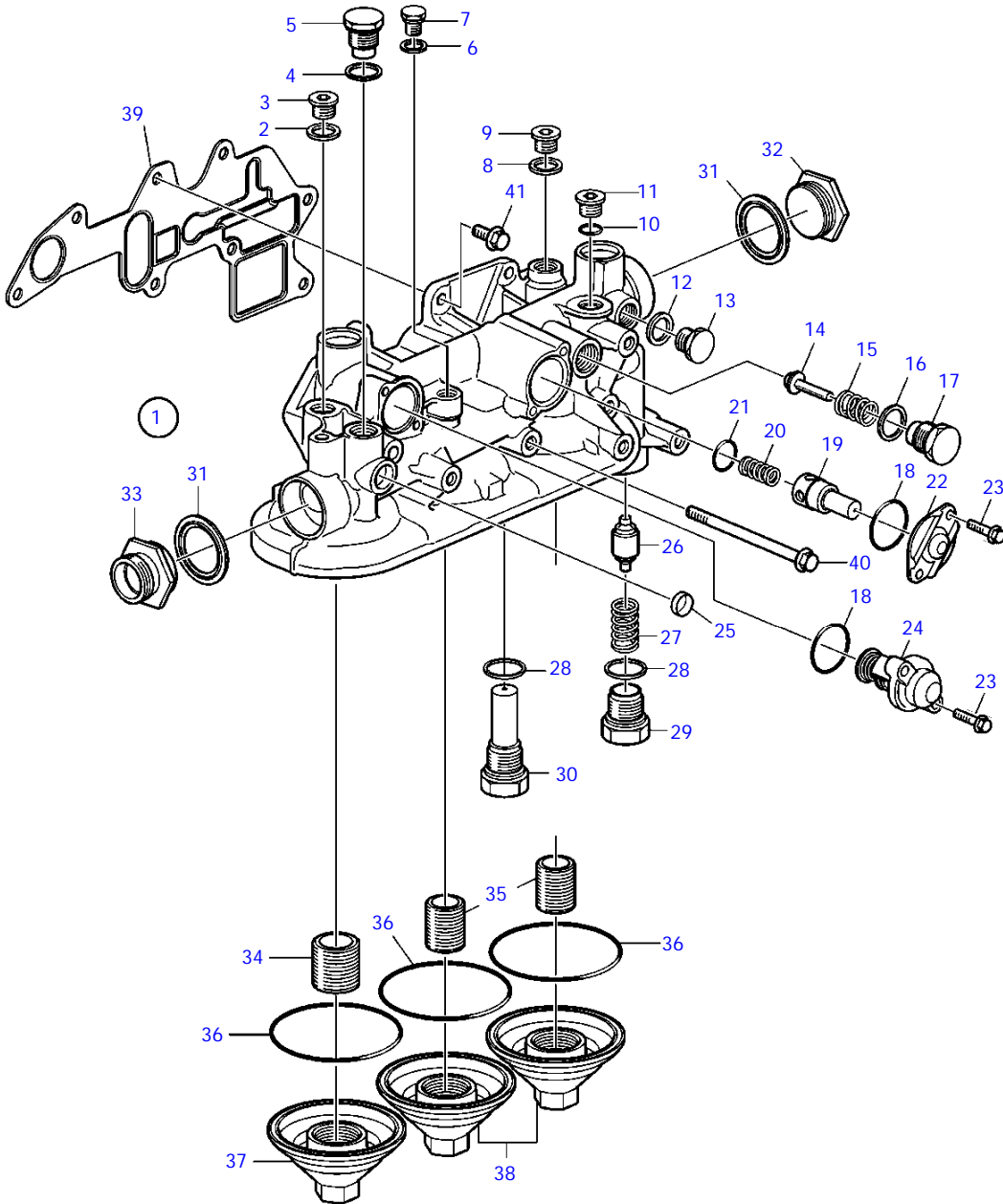


25819

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC. |
|-----|----------|-----|----------------------|----------|
| 1   | 3886539  | 1   | Oil filter housing   |          |
|     |          |     | *                    | 21996    |
| 2   | 21362444 | 1   | Oil line             |          |
| 3   | 469543   | 1   | * Flange             |          |
| 4   | 471626   | 3   | Sealing ring         |          |
| 5   | 946173   | 4   | Flange screw         |          |
| 6   | 21363770 | 1   | Attaching clamp      |          |
| 7   | 21363776 | 1   | Cover                |          |
| 8   | 959213   | 2   | Hex. socket screw    |          |
| 9   |          | 1   | Bracket              |          |
| 10  | 982508   | 4   | Gasket               |          |
| 11  | 984802   | 1   | Nipple               |          |
| 12  | 11158220 | 1   | Adapler              |          |
| 13  | 21331328 | 1   | Oil pipe             |          |
| 14  | 990178   | 1   | Attaching clamp      |          |
| 15  | 477556   | 1   | Oil filter           |          |
| 16  |          | 1   | * Gasket             |          |
| 17  | 478736   | 2   | Oil filter           |          |
| 18  |          | 2   | * Gasket             |          |
| 19  | 11127988 | 1   | Oil filter housing   |          |
| 20  | 466653   | 1   | * Compression spring |          |
| 21  | 466623   | 3   | * Nipple             |          |
| 22  | 471085   | 1   | * Valve cone         |          |
| 23  | 471598   | 1   | * Plug               |          |
| 24  | 976932   | 1   | * Gasket             |          |
| 25  | 946472   | 2   | Flange screw         |          |
| 26  | 969313   | 2   | Flange screw         |          |
| 27  | 1698627  | 2   | Plug                 |          |
| 28  | 25167    | 1   | Hollow screw         |          |
| 29  | 982723   | 2   | Gasket               |          |
| 30  | 21239152 | 1   | Oil line             |          |
| 31  | 20459641 | 1   | Plug                 |          |
| 32  | 983333   | 1   | O-ring               |          |
| 33  | 961663   | 1   | Hose clamp           |          |
| 34  | 21312093 | 1   | Bracket              |          |
| 35  | 21366608 | 4   | Bushing              |          |
| 36  |          | 4   | Bushing              |          |
| 37  |          | 4   | Bushing              |          |
| 38  | 993933   | 4   | Washer               |          |
| 39  | 965181   | 4   | Flange screw         |          |
| 40  | 21361139 | 1   | Bracket              |          |
| 41  | 946441   | 1   | Flange screw         |          |
| 42  | 965186   | 1   | Flange screw         |          |
| 43  | 946440   | 2   | Flange screw         |          |
| 44  | 845342   | 1   | Spacer sleeve        |          |

D11A-A, D11A-B, D11A-C, D11A-D



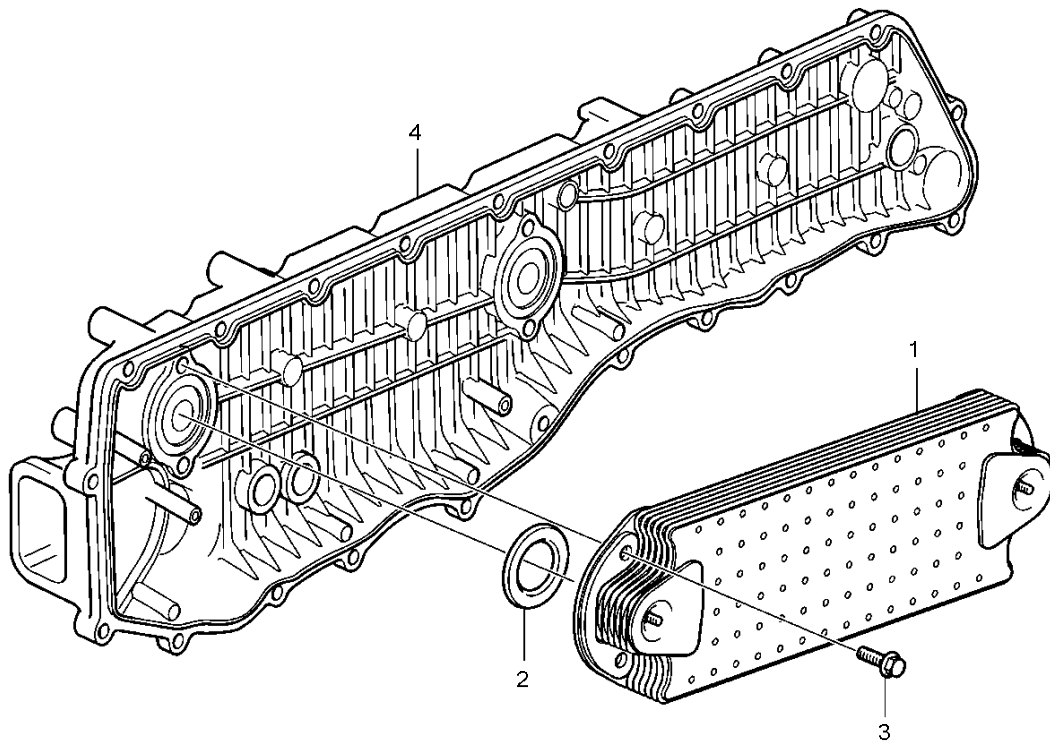
24124

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                  | NOTES         |
|-----|----------|-----|------------------------------|---------------|
| 1   | 3886539  | 1   | Oil filter housing           |               |
| 2   | 11998    | 1   | * Gasket                     |               |
| 3   | (966144) | 1   | * Plug                       | Obsolete part |
| 4   | 947627   | 1   | * Gasket                     |               |
| 5   | 471598   | 1   | * Plug                       |               |
| 6   | 11994    | 1   | * Gasket                     |               |
| 7   | 960629   | 1   | * Plug                       |               |
| 8   | 947622   | 1   | * Gasket                     |               |
| 9   | 966143   | 1   | * Plug                       |               |
| 10  | 968559   | 1   | * O-ring                     |               |
| 11  | 968609   | 1   | * Plug                       |               |
| 12  | 11998    | 1   | * Gasket                     |               |
| 13  | 960632   | 1   | * Plug                       |               |
| 14  | 471085   | 1   | * Valve cone, overflow valve |               |
| 15  | 20581560 | 1   | * Compression spring         |               |
| 16  | 947627   | 1   | * Gasket                     |               |
| 17  | 471598   | 1   | * Plug                       |               |
| 18  | 949659   | 2   | * O-ring                     |               |
| 19  | 471812   | 1   | * Reduction valve            |               |
| 20  |          | 1   | * Spring                     |               |
| 21  | 469846   | 1   | * Sealing ring               |               |
| 22  | 471648   | 1   | * Cover                      |               |
| 23  | 947542   | 4   | * Flange screw               |               |
| 24  | 20903074 | 1   | * Thermostat                 |               |
| 25  | 946778   | 1   | * Cap plug                   |               |
| 26  | 20440779 | 1   | * Valve cone, piston cooling |               |
| 27  | 20464676 | 1   | * Spring                     |               |
| 28  | 947629   | 2   | * Gasket                     |               |
| 29  | 3587204  | 1   | * Plug                       |               |
| 30  |          | 1   | * Plug                       |               |
| 31  | 982510   | 2   | * Gasket                     |               |
| 32  | 3588439  | 1   | * Plug                       |               |
| 33  |          | 1   | * Nipple                     |               |
| 34  | 469904   | 1   | * Nipple                     |               |
| 35  | 466623   | 2   | * Nipple                     |               |
| 36  | 948981   | 3   | O-ring                       |               |
| 37  | 3812511  | 2   | Cover                        |               |
| 38  | 21137476 | 1   | Cover                        |               |
| 39  | 20882218 | 1   | Gasket                       |               |
| 40  | 969225   | 4   | Flange screw                 |               |
| 41  | 946173   | 4   | Flange screw                 |               |



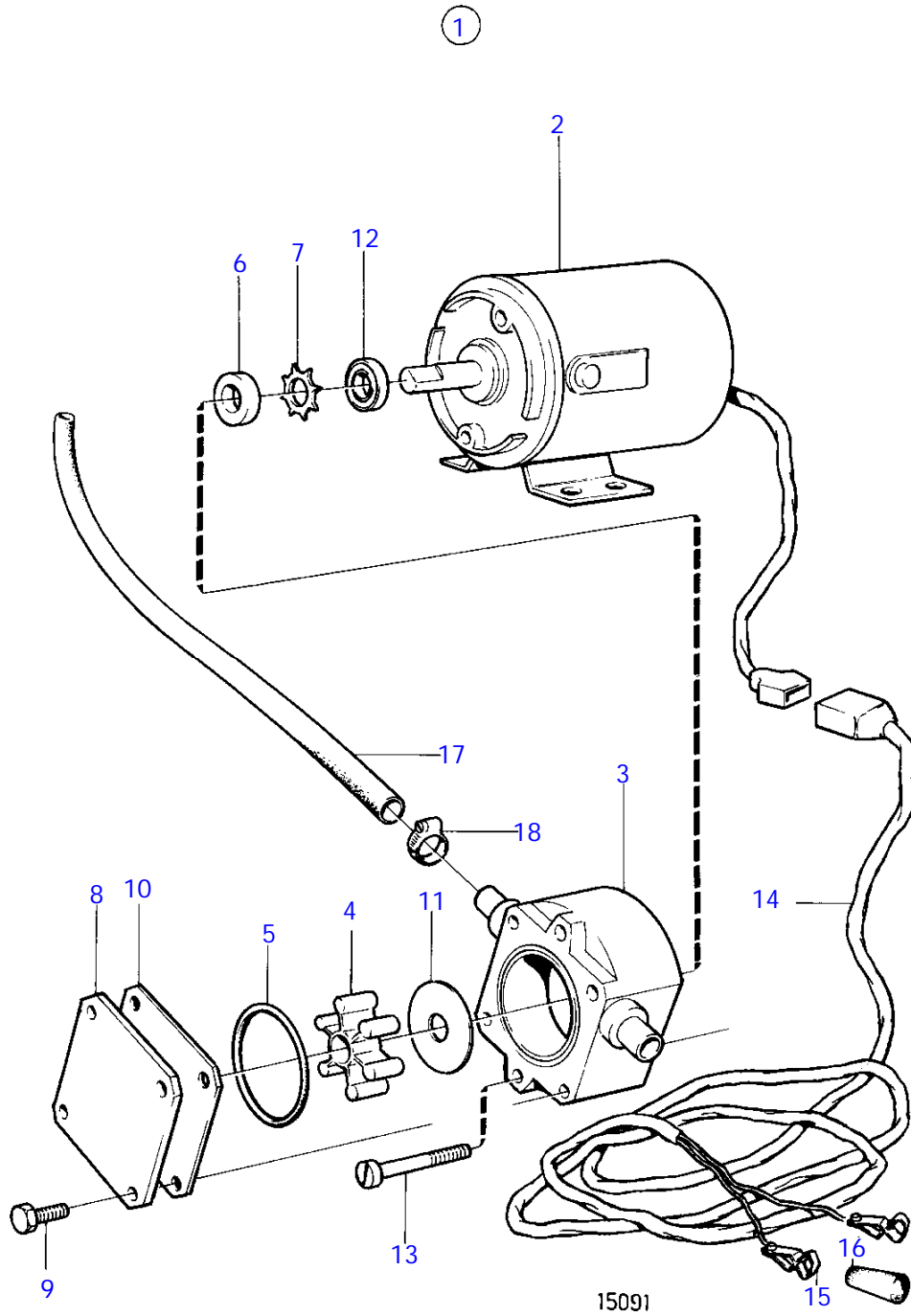
D11A-A, D11A-B, D11A-C, D11A-D



24193



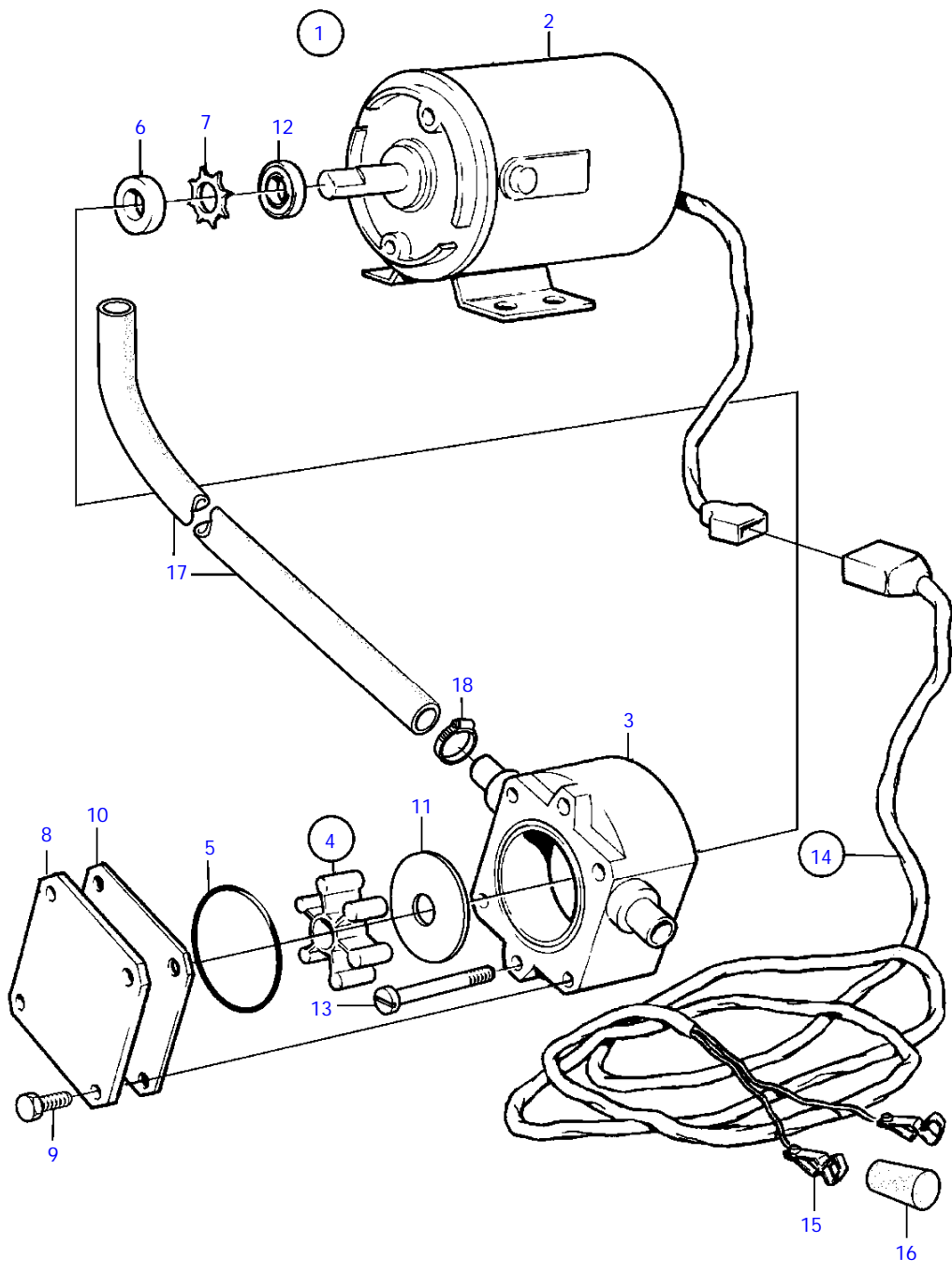
D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION             | NOTES                |
|-----|----------|-----|-------------------------|----------------------|
| 1   | 843410   | 1   | Oil bilge pump          | 24V                  |
| 2   | 842222   | 1   | * Electrical motor      |                      |
| 3   | (844015) | 1   | ** Pump housing         | Obsolete part        |
| 4   | 844022   | 1   | ** Impeller kit         |                      |
| 5   |          | 1   | *** O-ring              |                      |
| 6   |          | 1   | *** Sealing ring        |                      |
| 7   |          | 1   | *** Lock ring           |                      |
| 8   | 844018   | 1   | ** Cardboard tube       |                      |
| 9   | 844021   | 4   | ** Screw                |                      |
| 10  | 844017   | 1   | ** Wear washer          |                      |
| 11  | 844016   | 1   | ** Wear washer          |                      |
| 12  | 844019   | 1   | ** Deflector ring       |                      |
| 13  | 969518   | 2   | ** 6 point socket screw |                      |
| 14  | 843113   | 1   | * Cable trunk           |                      |
| 15  | 844280   | 2   | ** Clip                 |                      |
| 16  | (844279) | 1   | ** Isolation            | Black, Obsolete part |
|     | (844278) | 1   | ** Isolation            | Obsolete part, Red   |
| 17  | 943707   | X   | * Hose                  |                      |
| 18  | 943471   | 3   | * Hose clamp            |                      |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

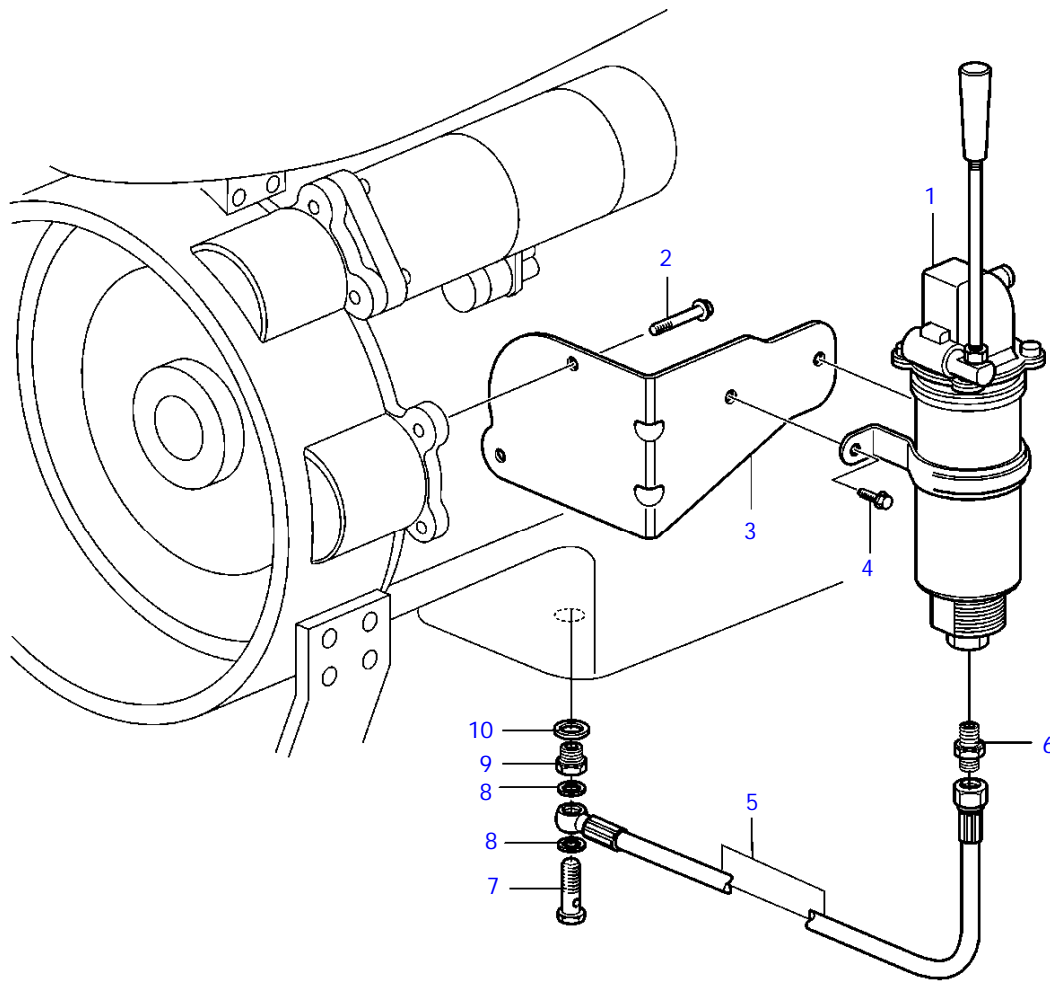


18186

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION              | NOTES                |
|-----|----------|-----|--------------------------|----------------------|
| 1   | 843114   | 1   | Oil bilge pump           | 12V                  |
| 2   | 842855   | 1   | * Oil bilge pump         |                      |
| 3   | (844015) | 1   | * * Pump housing         | Obsolete part        |
| 4   | 844022   | 1   | * * Impeller kit         |                      |
| 5   |          | 1   | * * * O-ring             |                      |
| 6   |          | 1   | * * * Sealing ring       |                      |
| 7   |          | 1   | * * * Lock ring          |                      |
| 8   | 844018   | 1   | * * Cardboard tube       |                      |
| 9   | 844021   | 4   | * * Screw                |                      |
| 10  | 844017   | 1   | * * Wear washer          |                      |
| 11  | 844016   | 1   | * * Wear washer          |                      |
| 12  | 844019   | 1   | * * Deflector ring       |                      |
| 13  | 969518   | 2   | * * 6 point socket screw |                      |
| 14  | 843113   | 1   | * Cable trunk            |                      |
| 15  | 844280   | 2   | * * Clip                 |                      |
| 16  | (844279) | 1   | * * Isolation            | Black, Obsolete part |
|     | (844278) | 1   | * * Isolation            | Obsolete part, Red   |
| 17  | 943707   | X   | * Hose                   |                      |
| 18  | 943471   | 3   | * Hose clamp             |                      |

D11A-A, D11A-B, D11A-C, D11A-D



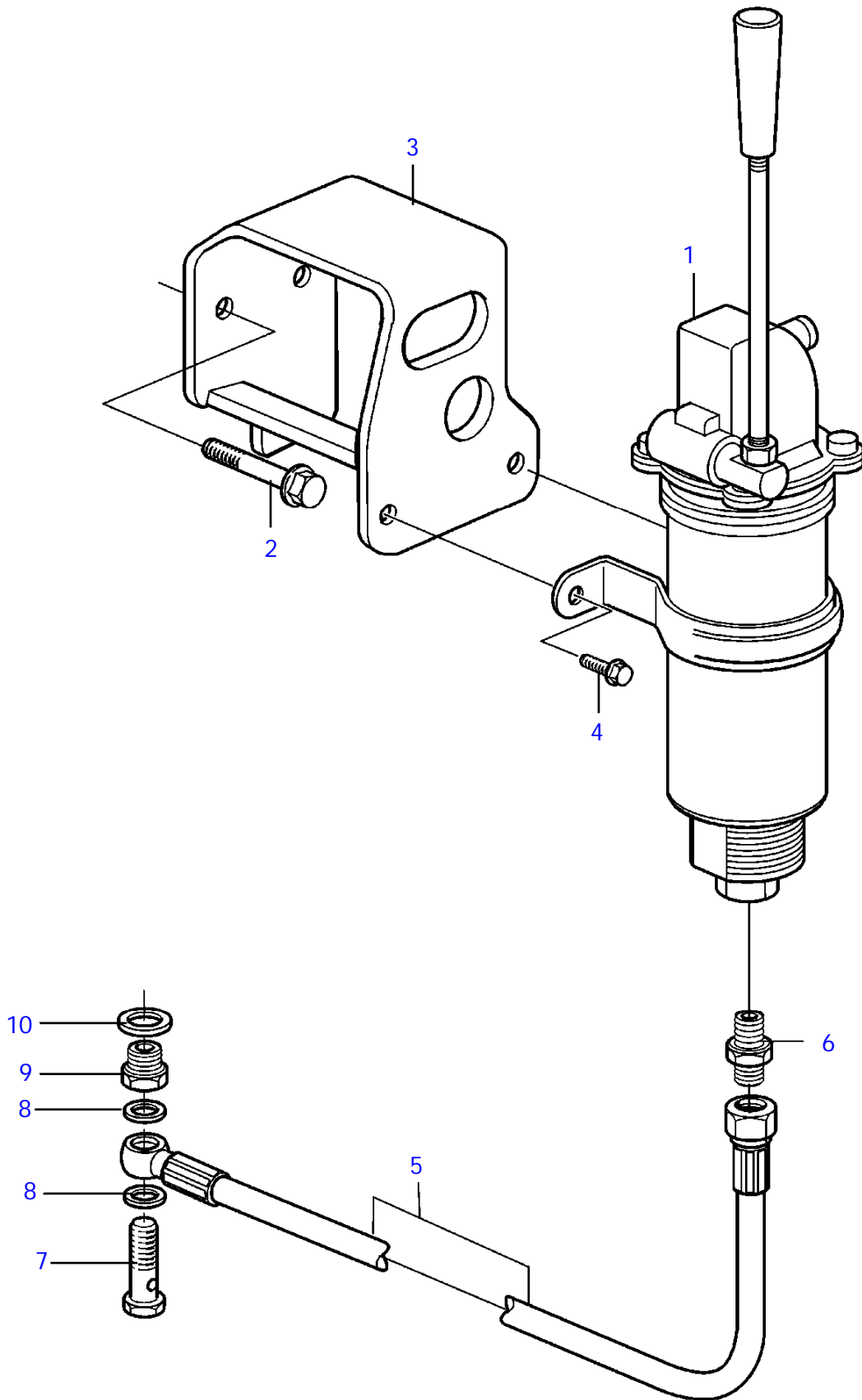
19912

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION    | NOTES         |
|-----|-----------|-----|----------------|---------------|
| 1   | (3841115) | 1   | Oil drain pump | Obsolete part |
| 2   | 946471    | 3   | Flange screw   |               |
| 3   | 3838254   | 1   | Bracket        |               |
| 4   | 946173    | 2   | Flange screw   |               |
| 5   | 3837774   | 1   | Hose           |               |
| 6   | 944177    | 1   | Nipple         |               |
| 7   | 941686    | 1   | Hollow screw   |               |
| 8   | 947622    | 2   | Gasket         |               |
| 9   | 3838214   | 1   | Nipple         |               |
| 10  | 18813     | 1   | Gasket         |               |



D11A-A, D11A-B, D11A-C, D11A-D

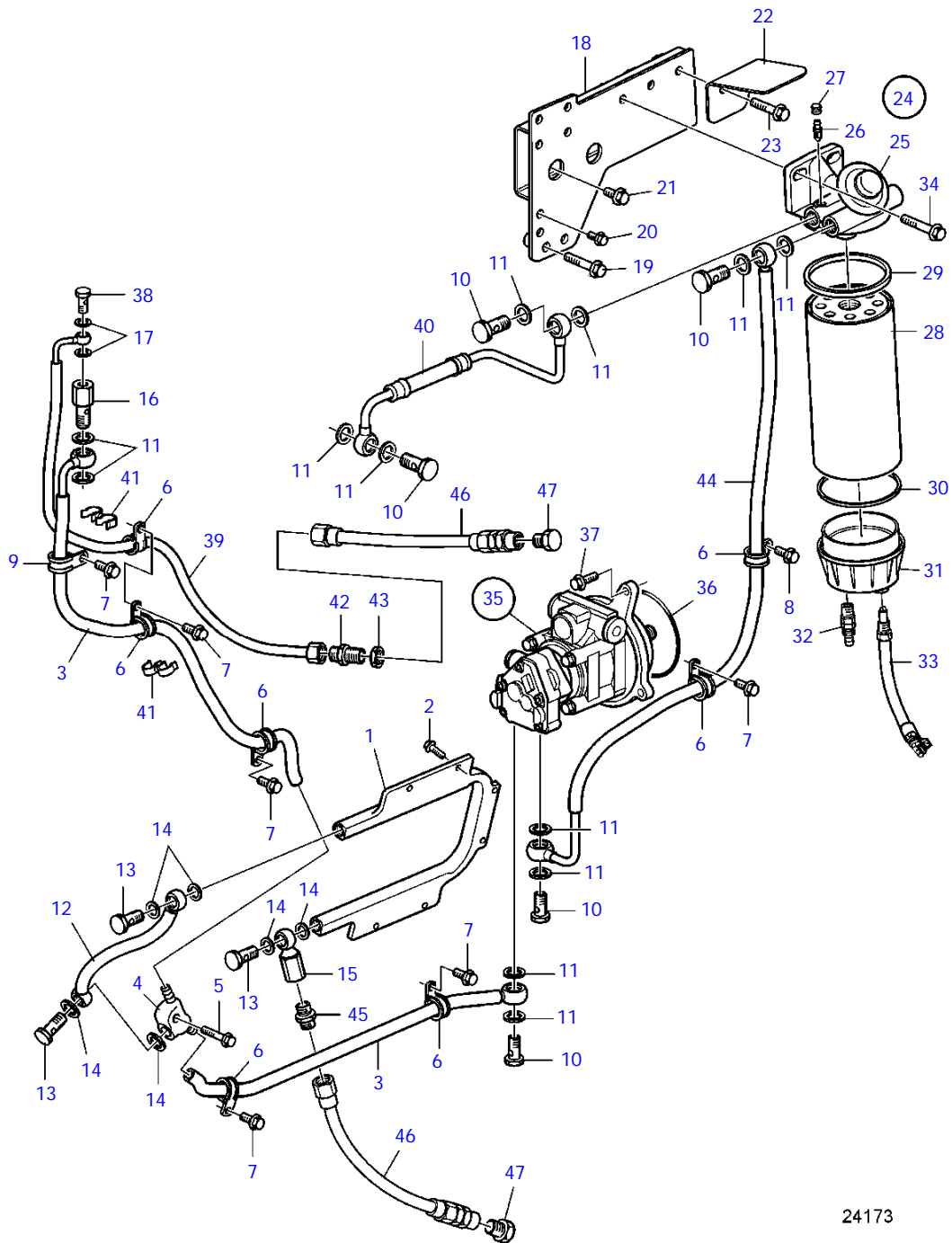


23425

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION    | NOTES         |
|-----|-----------|-----|----------------|---------------|
| 1   | (3841115) | 1   | Oil drain pump | Obsolete part |
| 2   | 965226    | 3   | Flange screw   |               |
| 3   | 3884184   | 1   | Bracket        |               |
| 4   | 945444    | 2   | Flange screw   |               |
| 5   | 3837774   | 1   | Hose           |               |
| 6   | 944177    | 1   | Nipple         |               |
| 7   | 941686    | 1   | Hollow screw   |               |
| 8   | 947622    | 2   | Gasket         |               |
| 9   | 3838214   | 1   | Nipple         |               |
| 10  | 18813     | 1   | Gasket         |               |

D11A-A, D11A-B, D11A-D

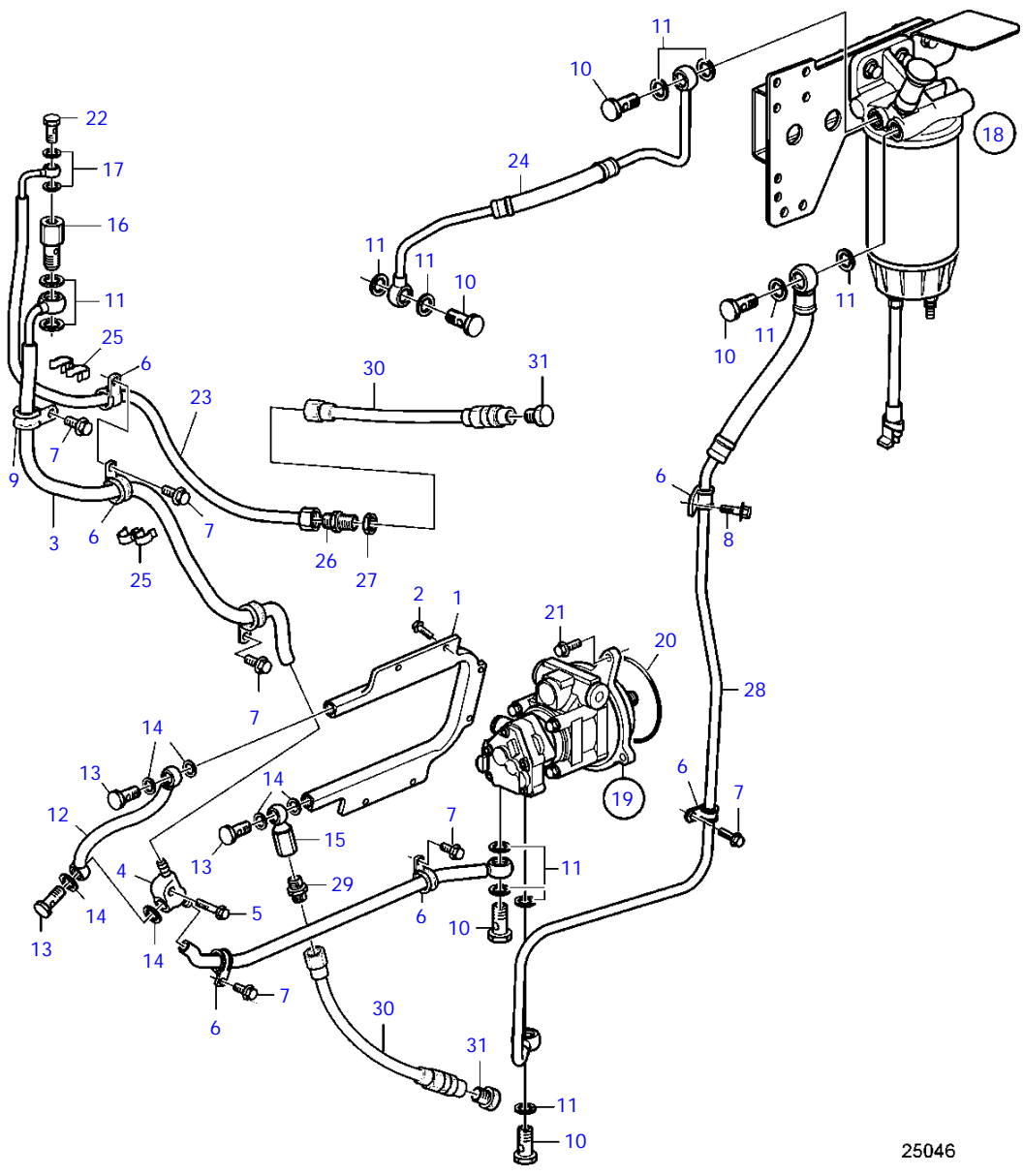


24173

D11A-A, D11A-B, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | NOTES                                    |
|-----|----------|-----|----------------------|--|
| 1   | 20562394 | 1   | Radiator             |  |
| 2   | 975979   | 6   | 6 point socket screw |  |
| 3   | 3883149  | 1   | Fuel hose            |  |
| 4   |          | 1   | * Connector          |  |
| 5   | 947760   | 1   | Flange screw         |  |
| 6   | 949747   | 6   | Clamp                |  |
| 7   | 946440   | 7   | Flange screw         |  |
| 8   | 967949   | 1   | Flange screw         |  |
| 9   | 978869   | 1   | Clamp                |  |
| 10  | 941686   | 4   | Hollow screw         |  |
| 11  | 982724   | 11  | Gasket               |  |
| 12  | 3883148  | 1   | Fuel hose            |  |
| 13  | 25167    | 3   | Hollow screw         |  |
| 14  | 982723   | 6   | Gasket               |  |
| 15  | 3828976  | 1   | Check valve          |  |
| 16  | 20450468 | 1   | Overflow valve       |  |
| 17  | 982721   | 2   | Gasket               |  |
| 18  | 3817755  | 1   | Bracket              |  |
| 19  | 965186   | 2   | Flange screw         |  |
| 20  | 946441   | 2   | Flange screw         |  |
| 21  | 946440   | 2   | Flange screw         |  |
| 22  | 3841779  | 1   | Bracket              |  |
| 23  | 965220   | 1   | Flange screw         |  |
| 24  | 3885572  | 1   | Fuel filter          |  |
| 25  |          | 1   | * Filter housing     |  |
| 26  | 20548012 | 1   | * Faucet             |  |
| 27  | 20547976 | 1   | * Protecting cover   |  |
| 28  | 3817517  | 1   | * Fuel filter kit    |  |
| 29  |          | 2   | * * Gasket           |  |
| 30  |          | 1   | * Gasket             |  |
| 31  | 21283474 | 1   | * Bowl               |  |
| 32  | 949918   | 1   | * Shut-off cock      |  |
| 33  | 3885070  | 1   | * Sensor             |  |
| 34  | 965221   | 2   | Flange screw         |  |
| 35  | 20902690 | 1   | Tandem pump          | With servo pump., 16L/min                |
|     | 21186656 | 1   | Tandem pump          | With servo pump., 16L/min, SN1090227177- |
|     | 20902692 | 1   | Tandem pump          | With servo pump., 25L/min                |
|     | 21186657 | 1   | Tandem pump          | With servo pump., 25L/min, SN1090227177- |
|     | 3594874  | 1   | Fuel pump            | Without servo pump.                      |
| 36  | 977030   | 1   | O-ring               |  |
| 37  | 975199   | 3   | Flange screw         |  |
| 38  | 48634    | 1   | Hollow screw         |  |
| 39  | 3889777  | 1   | Air vent pipe        |  |
| 40  | 3595181  | 1   | Fuel hose            |  |
| 41  | 3121512  | 3   | Retainer             |  |
| 42  | 963948   | 1   | Nipple               |  |
| 43  | 957019   | 1   | Hexagon nut          |  |
| 44  | 3883150  | 1   | Fuel hose            |  |
| 45  | 977677   | 2   | Nipple               |  |
| 46  | 3826595  | 2   | Fuel hose            |  |
| 47  | (943582) | 2   | Plug                 | Obsolete part                            |

D11A-C, D11A-D



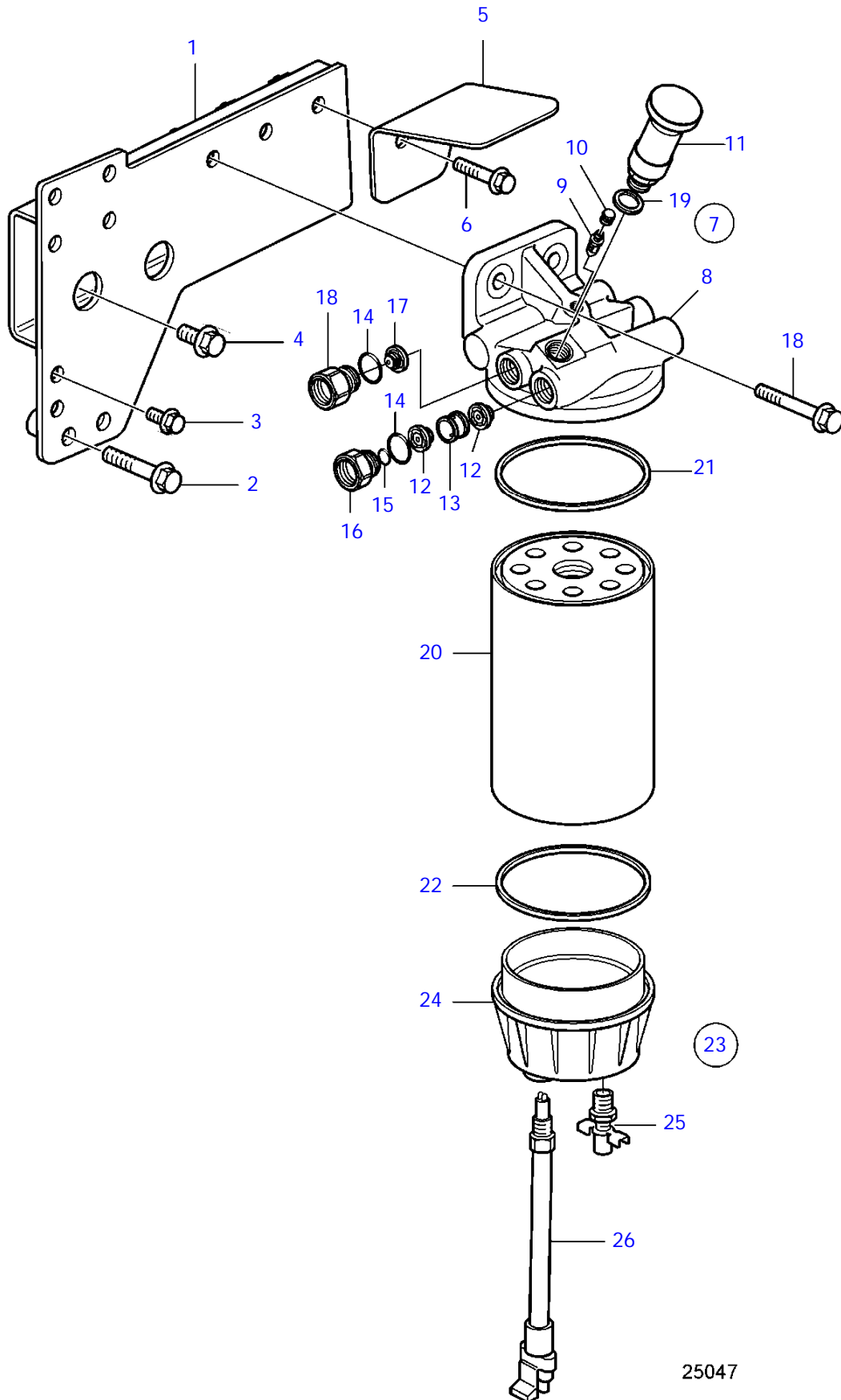
25046



D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC. | NOTES                                    |
|-----|----------|-----|----------------------|----------|--|
| 1   | 20562394 | 1   | Radiator             |          |  |
| 2   | 975979   | 6   | 6 point socket screw |          |  |
| 3   | 3883149  | 1   | Fuel hose            |          |  |
| 4   |          | 1   | • Connector          |          |  |
| 5   | 947760   | 1   | Flange screw         |          |  |
| 6   | 949747   | 6   | Clamp                |          |  |
| 7   | 946440   | 7   | Flange screw         |          |  |
| 8   | 967949   | 1   | Flange screw         |          |  |
| 9   | 978869   | 1   | Clamp                |          |  |
| 10  | 941686   | 4   | Hollow screw         |          |  |
| 11  | 982724   | 12  | Gasket               |          |  |
| 12  | 3883148  | 1   | Fuel hose            |          |  |
| 13  | 25167    | 3   | Hollow screw         |          |  |
| 14  | 982723   | 6   | Gasket               |          |  |
| 15  | 3828976  | 1   | Check valve          |          |  |
| 16  | 20450468 | 1   | Overflow valve       |          |  |
| 17  | 982721   | 2   | Gasket               |          |  |
| 18  |          | 1   | Fuel filter          | 36062    |  |
| 19  | 20902690 | 1   | Tandem pump          |          | With servo pump., 16L/min, SN-1090227176 |
|     | 21186656 | 1   | Tandem pump          |          | With servo pump., 16L/min, SN1090227177- |
|     | 20902692 | 1   | Tandem pump          |          | With servo pump., 25L/min, SN-1090227176 |
|     | 21186657 | 1   | Tandem pump          |          | With servo pump., 25L/min, SN1090227177- |
|     | 3594874  | 1   | Fuel pump            |          | Without servo pump.                      |
| 20  | 977030   | 1   | O-ring               |          |  |
| 21  | 975199   | 3   | Flange screw         |          |  |
| 22  | 48634    | 1   | Hollow screw         |          |  |
| 23  | 3889777  | 1   | Air vent pipe        |          |  |
| 24  | 3595181  | 1   | Fuel hose            |          |  |
| 25  | 3121512  | 3   | Retainer             |          |  |
| 26  | 963948   | 1   | Nipple               |          |  |
| 27  | 957019   | 1   | Hexagon nut          |          |  |
| 28  | 3883150  | 1   | Fuel hose            |          |  |
| 29  | 977677   | 2   | Nipple               |          |  |
| 30  | 3826595  | 2   | Fuel hose            |          |  |
| 31  | (943582) | 2   | Plug                 |          | Obsolete part                            |

D11A-C, D11A-D



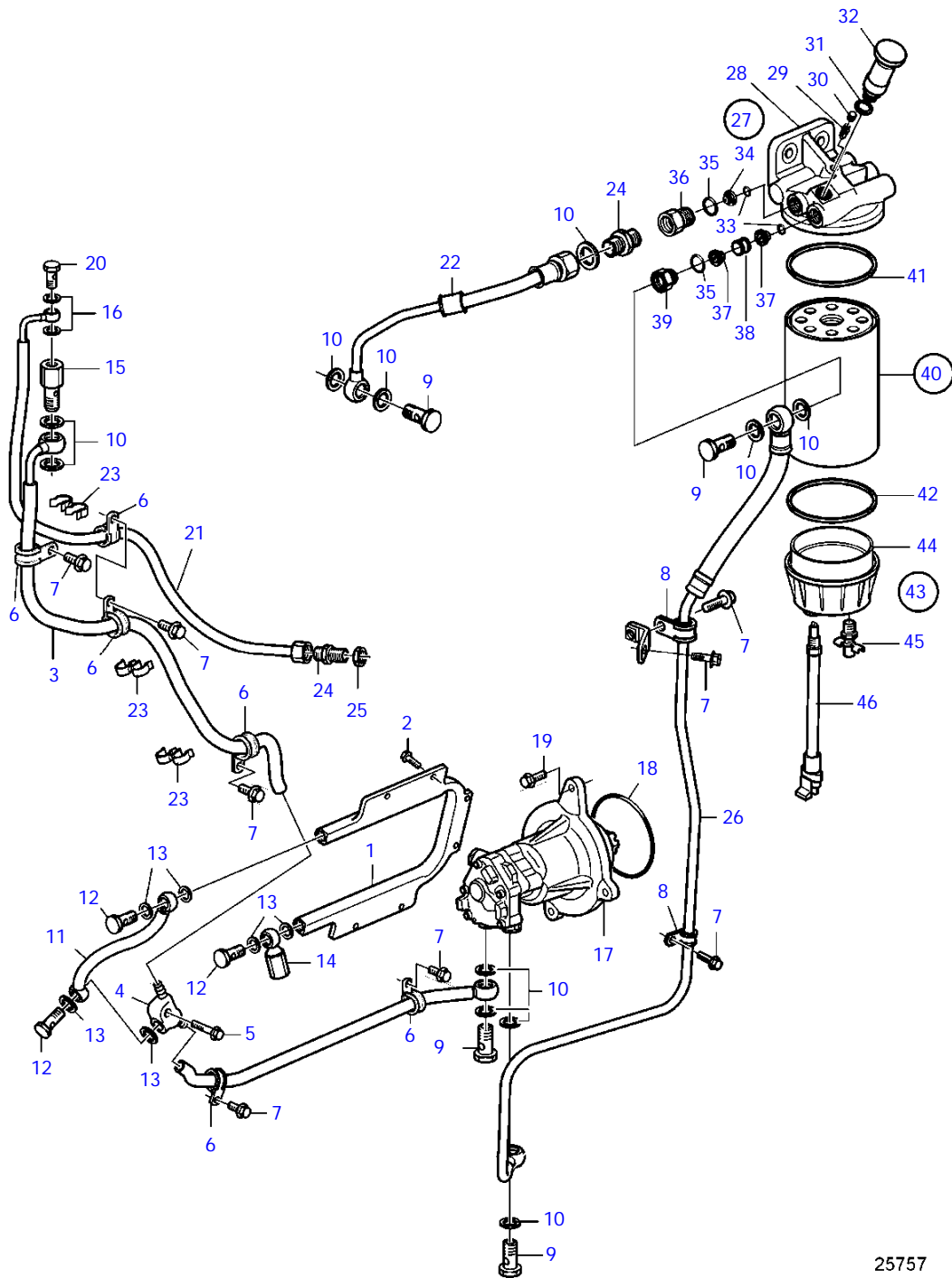
25047

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION           |
|-----|----------|-----|-----------------------|
| 1   | 3817755  | 1   | Bracket               |
| 2   | 965186   | 2   | Flange screw          |
| 3   | 946440   | 2   | Flange screw          |
| 4   | 946441   | 2   | Flange screw          |
| 5   | 3841779  | 1   | Bracket               |
| 6   | 965220   | 1   | Flange screw          |
| 7   | 21303231 | 1   | Fuel filter housing   |
| 8   |          | 1   | * Fuel filter housing |
| 9   | 20548012 | 1   | * Faucet              |
| 10  | 20547976 | 1   | * Protecting cover    |
| 11  | 3837393  | 1   | * Hand pump           |
| 12  | 244834   | 2   | * Valve               |
| 13  | 3964717  | 1   | * Spacer sleeve       |
| 14  | 1526474  | 2   | * O-ring              |
| 15  | 976971   | 1   | * O-ring              |
| 16  | 8148328  | 1   | * Nipple              |
| 17  | 21113993 | 1   | * Check valve         |
| 18  | 21140340 | 1   | * Nipple              |
| 19  | 947622   | 1   | * Gasket              |
| 20  | 3809721  | 1   | Fuel filter insert    |
| 21  |          | 1   | * Gasket              |
| 22  |          | 1   | * Gasket              |
| 23  | 21283474 | 1   | Bowl                  |
| 24  | 21283474 | 1   | * Bowl                |
| 25  | 21279867 | 1   | * Drain valve         |
| 26  | 3885070  | 1   | * Sensor              |



D11A-C, D11A-D

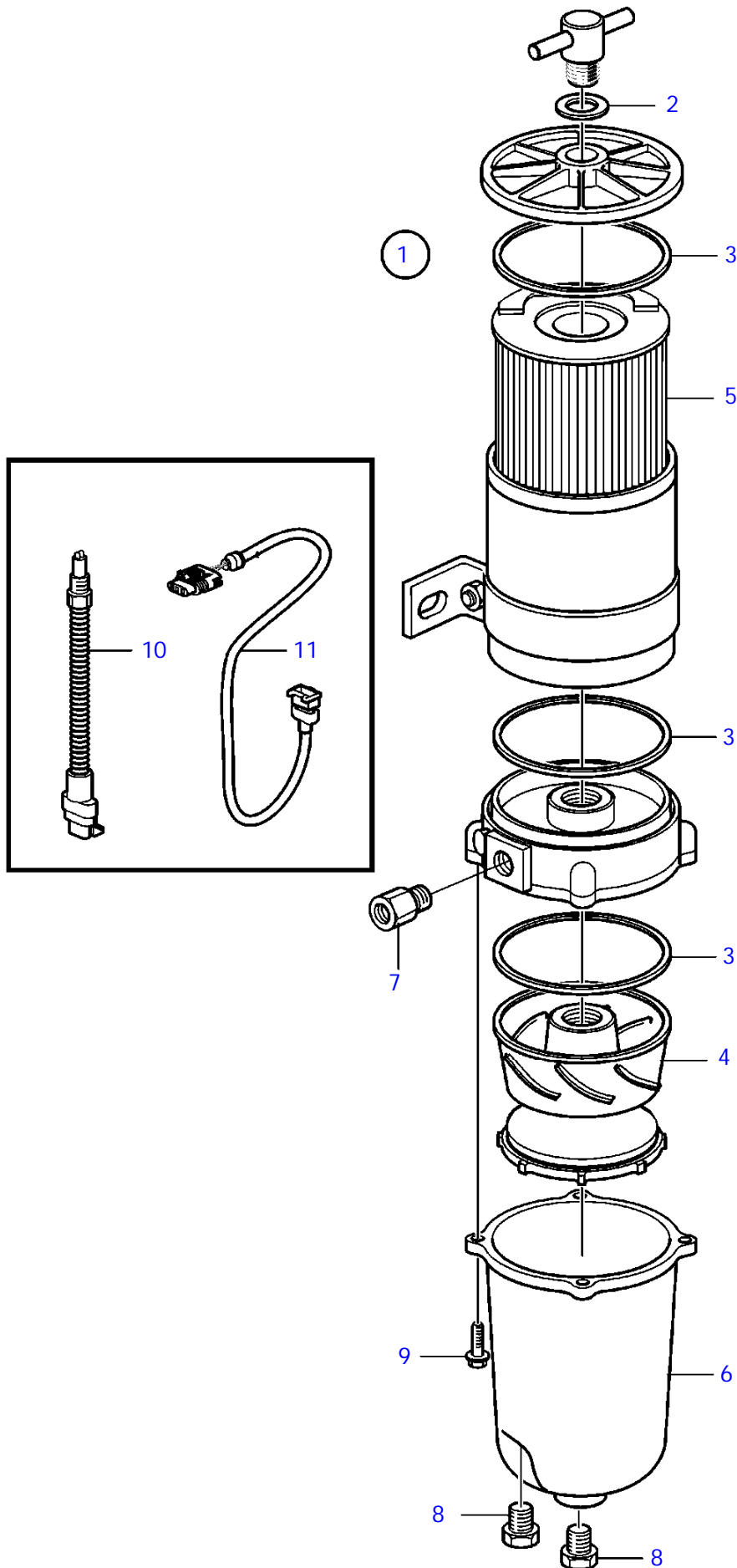


25757

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION           |
|-----|----------|-----|-----------------------|
| 1   | 20562394 | 1   | Radiator              |
| 2   | 975979   | 6   | 6 point socket screw  |
| 3   | 3883149  | 1   | Fuel hose             |
| 4   |          | 1   | * Connector           |
| 5   | 947760   | 1   | Flange screw          |
| 6   | 984943   | 5   | Clamp                 |
| 7   | 946440   | 8   | Flange screw          |
| 8   | 990178   | 2   | Attaching clamp       |
| 9   | 941686   | 4   | Hollow screw          |
| 10  | 982724   | 11  | Gasket                |
| 11  | 3883148  | 1   | Fuel hose             |
| 12  | 25167    | 3   | Hollow screw          |
| 13  | 982723   | 6   | Gasket                |
| 14  | 3828976  | 1   | Check valve           |
| 15  | 20450468 | 1   | Overflow valve        |
| 16  | 982721   | 2   | Gasket                |
| 17  | 21639413 | 1   | Fuel pump             |
| 18  | 977030   | 1   | O-ring                |
| 19  | 975199   | 3   | Flange screw          |
| 20  | 48634    | 1   | Hollow screw          |
| 21  | 3889777  | 1   | Air vent pipe         |
| 22  | 3889039  | 1   | Fuel hose             |
| 23  | 3121512  | 3   | Retainer              |
| 24  | 963948   | 1   | Nipple                |
| 25  | 957019   | 1   | Hexagon nut           |
| 26  | 3883150  | 1   | Fuel hose             |
| 27  | 21303231 | 1   | Fuel filter housing   |
| 28  |          | 1   | * Fuel filter housing |
| 29  | 20548012 | 1   | * Faucet, air venting |
| 30  | 20547976 | 1   | * Protecting cover    |
| 31  | 947622   | 1   | * Gasket              |
| 32  | 3837393  | 1   | * Hand pump           |
| 33  | 976971   | 2   | * O-ring              |
| 34  | 21113993 | 1   | * Check valve         |
| 35  | 1526474  | 2   | * O-ring              |
| 36  | 21140340 | 1   | * Nipple              |
| 37  | 244834   | 2   | * Valve               |
| 38  | 3964717  | 1   | * Spacer sleeve       |
| 39  | 8148328  | 1   | * Nipple              |
| 40  | 3809721  | 1   | Fuel filter insert    |
| 41  |          | 1   | * Gasket              |
| 42  |          | 1   | * Gasket              |
| 43  | 21283474 | 1   | Bowl                  |
| 44  |          | 1   | * Bowl                |
| 45  | 21279867 | 1   | * Drain valve         |
| 46  | 3885070  | 1   | * Sensor              |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

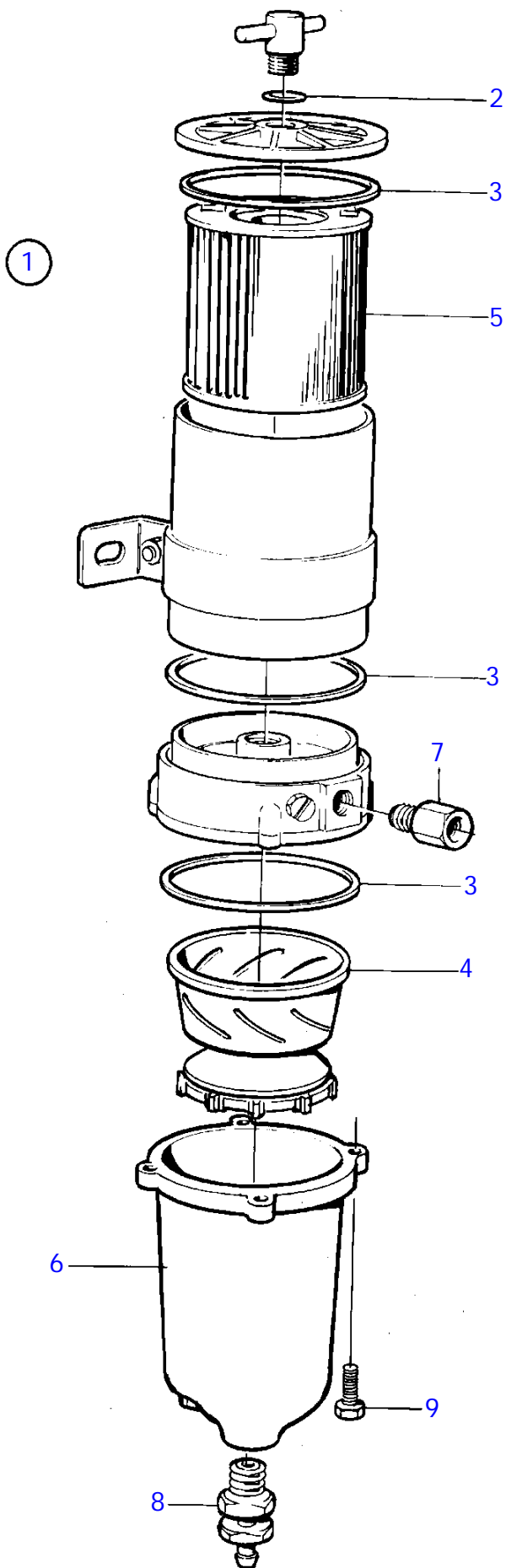


25322

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | NOTES                 |
|-----|----------|-----|----------------------|-----------------------|
| 1   | 877768   | 1   | Fuel filter          |                       |
| 2   | 838506   | 1   | * O-ring             |                       |
| 3   | 846719   | 3   | * Gasket             |                       |
| 4   | 3825028  | 1   | * Turbine            |                       |
| 5   | 3838852  | 1   | * Fuel filter insert | (3825027) 10 micron   |
|     | 889419   | 1   | * Filter insert      | 30 micron             |
| 6   | 3838851  | 1   | * Bowl               | Metal bowl., (848293) |
| 7   | 846620   | 2   | * Nipple             |                       |
| 8   | 952075   | 1   | * Plug               |                       |
| 9   | 940094   | 4   | * Hexagon screw      |                       |
| 10  | 3885070  | 1   | Sensor               |                       |
| 11  | 21415866 | 1   | Extension cable'verl | L=3m                  |
|     | 21415883 | 1   | Extension cable'verl | L=5m                  |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

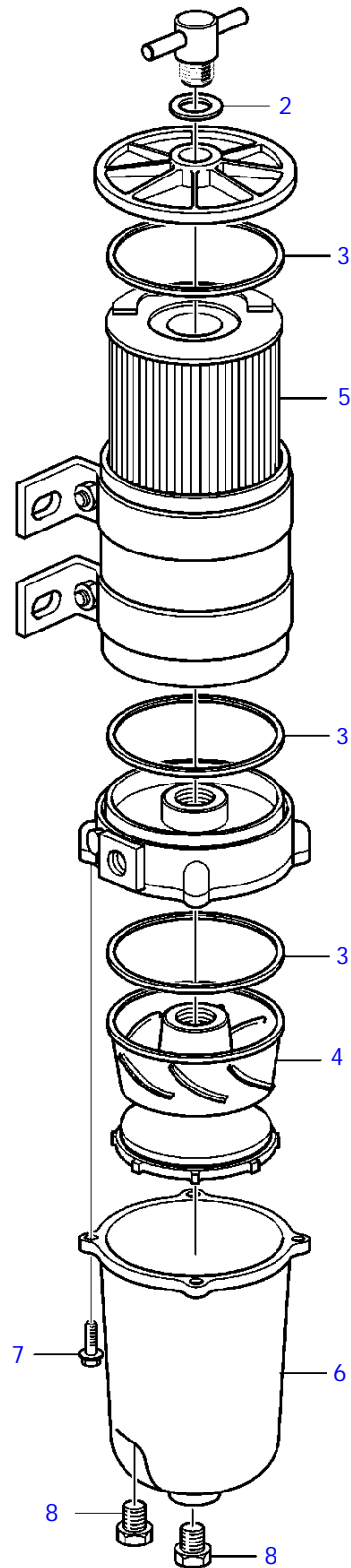
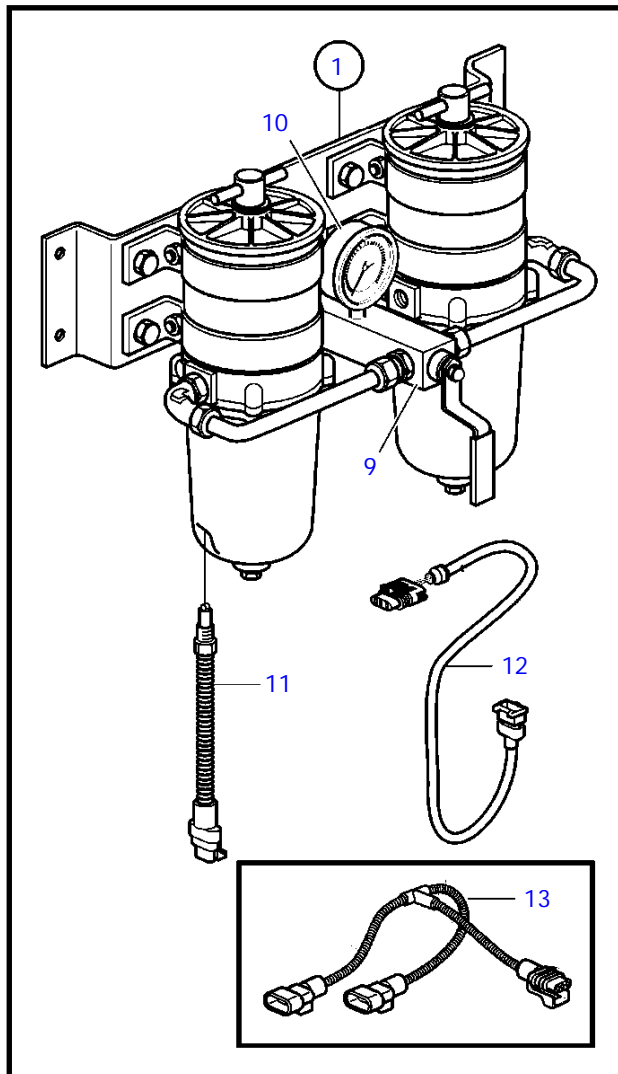


16650

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC.  | NOTES   |
|-----|----------|-----|----------------------|-----------|---|
| 1   | 3825020  | 1   | Fuel filter          |           | Repl by 877769                                    |
|     |          |     | * Bulletin 50-10     | 50-10-EN  | Changes in Fuel Filter Program due to Legislation |
|     |          |     | * Bulletin 50-11A    | 50-11A-EN | Fuel Filters / Water Separators                   |
| 1   | 877769   | 1   | Fuel filter          |           |   |
| 2   | 838505   | 1   | * O-ring             |           |   |
| 3   | 846719   | 3   | * Gasket             |           |   |
| 4   | 3825028  | 1   | * Turbine            |           |   |
| 5   | 3838852  | 1   | * Fuel filter insert |           |   |
| 6   | 3838853  | 1   | * Bowl               |           | Transparent bowl.                                 |
| 7   | 846620   | 2   | * Nipple             |           |   |
| 8   | 3825031  | 1   | * Faucet             |           |   |
| 9   | 940094   | 4   | * Hexagon screw      |           |   |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



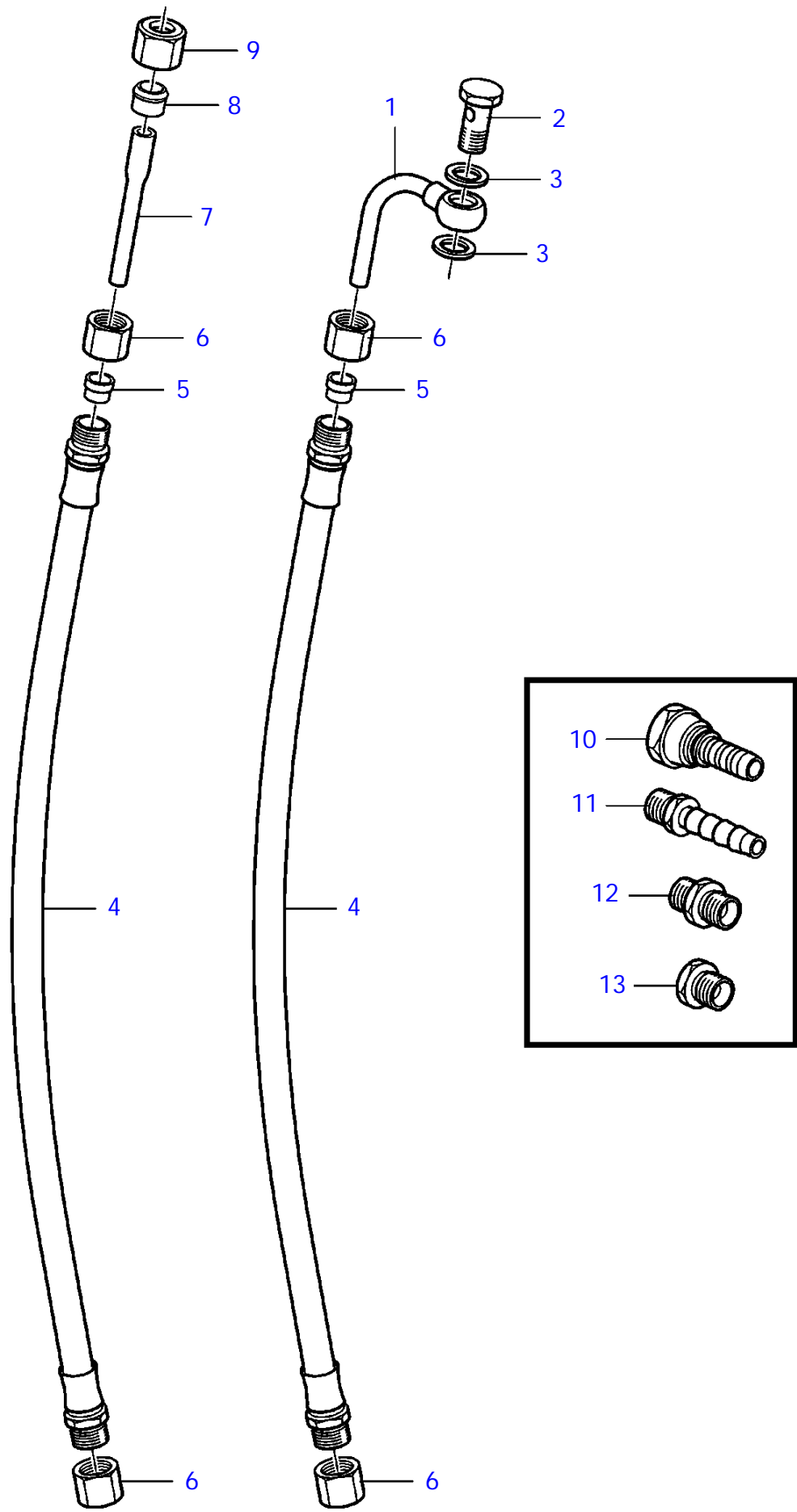
25323

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | NOTES |
|-----|----------|-----|----------------------|-------|
| 1   | 877770   | 1   | Fuel filter          |       |
| 2   | 838505   | 2   | * O-ring             |       |
| 3   | 846719   | 6   | * Gasket             |       |
| 4   |          | 2   | * Turbine            |       |
| 5   | 3838852  | 2   | * Fuel filter insert |       |
| 6   | 3838851  | 2   | * Bowl               |       |
| 7   | 940094   | 8   | * Hexagon screw      |       |
| 8   | 952075   | 4   | * Plug               |       |
| 9   | 3827300  | 2   | * Block              |       |
| 10  | 3827299  | 2   | * Manometer          |       |
| 11  | 3885070  | 2   | Sensor               |       |
| 12  | 21415883 | 1   | Extension cable'verl | L=3m  |
|     | 21415866 | 1   | Extension cable'verl | L=5m  |
| 13  | 21495971 | 1   | Wiring harness       |       |



D11A-A, D11A-B, D11A-C, D11A-D

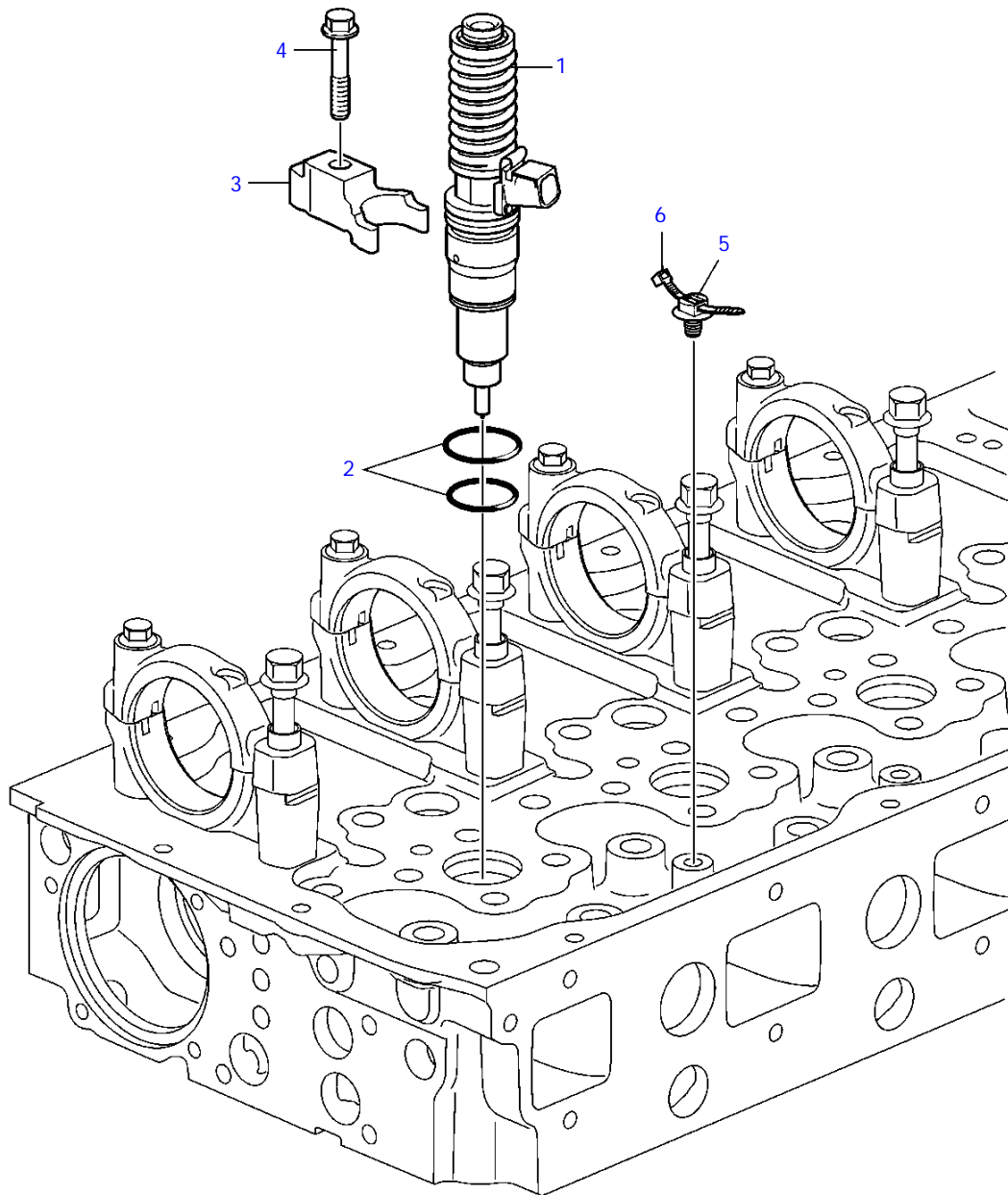


24197

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION   | NOTES                 |
|-----|----------|-----|---------------|-----------------------|
| 1   | 3586369  | 1   | Fuel pipe     |                       |
| 2   | 190714   | 1   | Hollow screw  |                       |
| 3   | 11998    | 2   | Gasket        |                       |
| 4   | 865737   | 2   | Fuel hose     |                       |
| 5   | 980781   | 2   | * Ferrule     |                       |
| 6   | 956983   | 5   | * Fitting nut |                       |
| 7   | 3831133  | 1   | Fuel pipe     |                       |
| 8   | 980782   | 1   | * Ferrule     |                       |
| 9   | 956984   | 1   | Fitting nut   |                       |
| 10  | 3829292  | 1   | Nipple        | M16x1,5               |
| 11  | 3825000  | 1   | Hose nipple   | 1/4-18NPTF            |
| 12  | 977677   | 1   | Nipple        | M16x1,5 / 1/4-18 NPTF |
| 13  | 22753    | 1   | Nipple        | M18x1,5               |

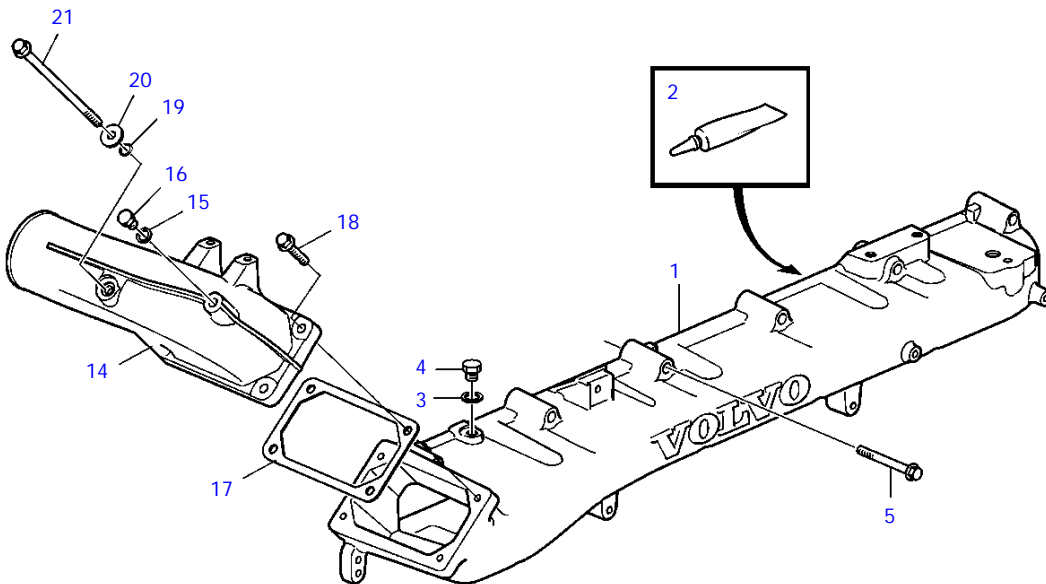
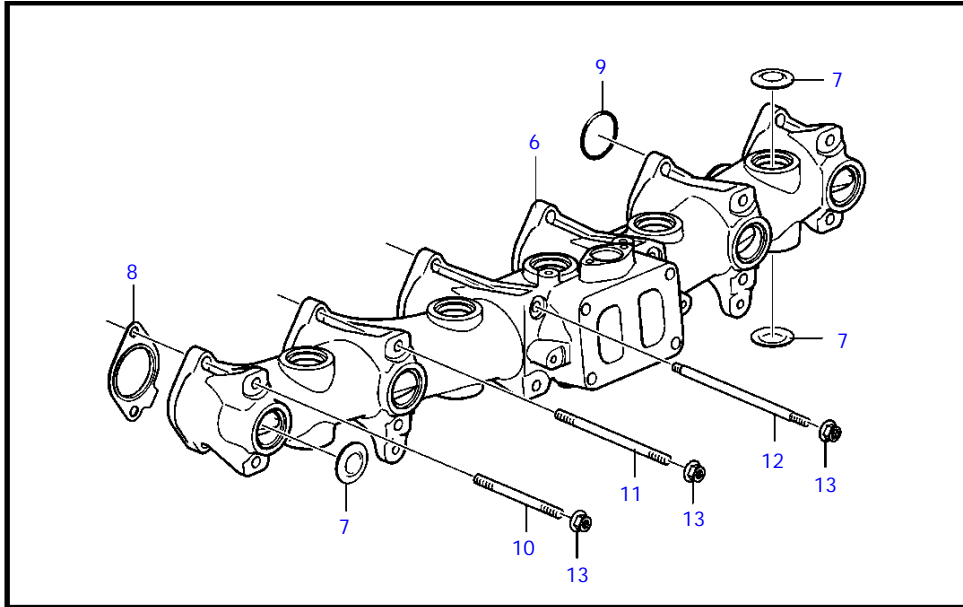
D11A-A, D11A-B, D11A-C, D11A-D



24181



D11A-A, D11A-B, D11A-C, D11A-D

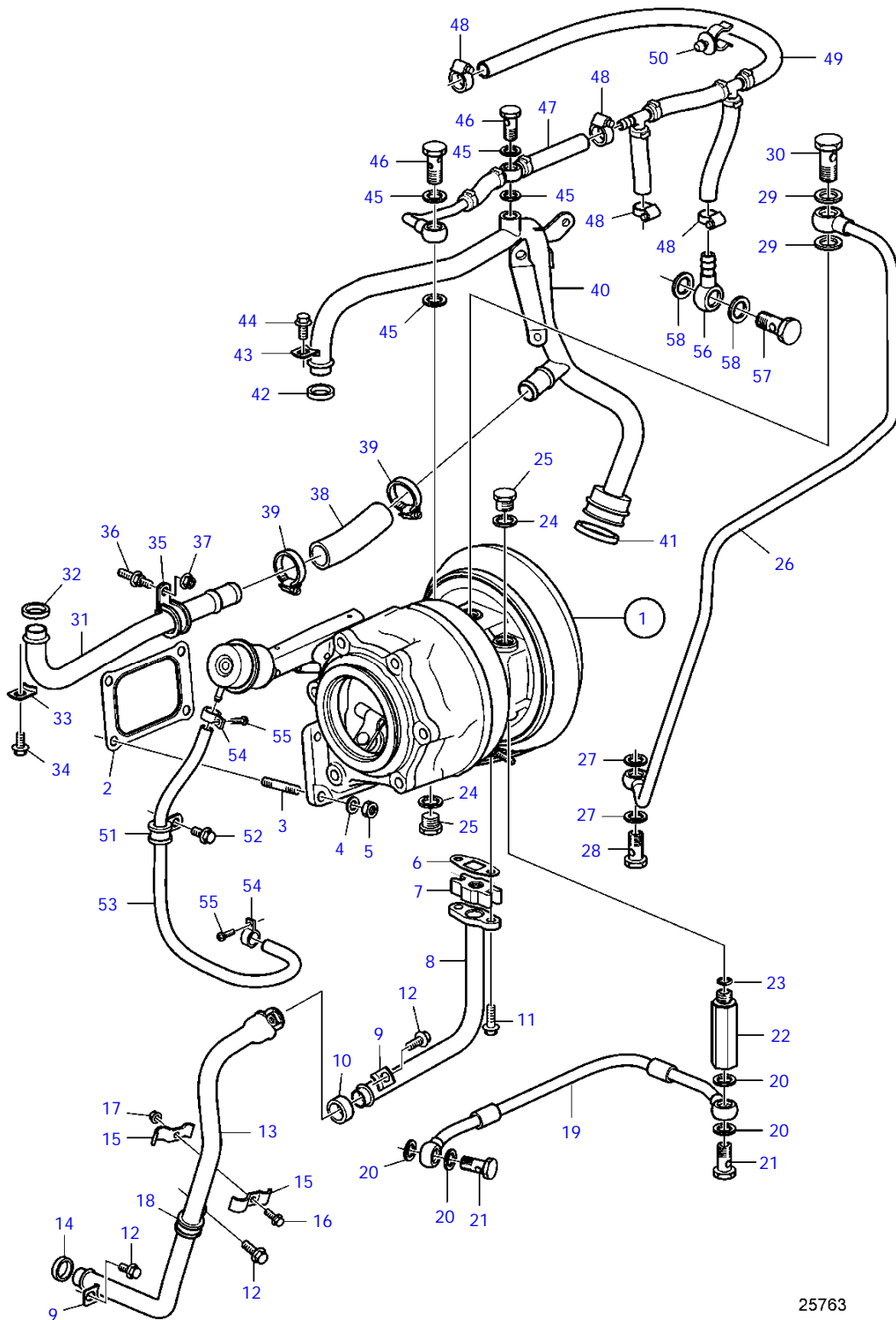


24190

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES |
|-----|----------|-----|------------------|-------|
| 1   | 20708331 | 1   | Inlet pipe       |       |
| 2   | 1161231  | X   | Sealant          | 304ml |
|     | 1161277  | X   | Sealant          | 20g   |
| 3   | 947281   | 1   | Gasket           |       |
| 4   | 960628   | 1   | Plug             |       |
| 5   | 965180   | 12  | Flange screw     |       |
| 6   | 3884783  | 1   | Exhaust manifold |       |
| 7   | 968955   | 14  | * Expansion plug |       |
| 8   | 8148172  | 6   | Gasket           |       |
| 9   | 469606   | 2   | Sealing          |       |
| 10  | 953000   | 4   | Stud             |       |
| 11  | 953007   | 4   | Stud             |       |
| 12  | 948932   | 4   | Stud             |       |
| 13  | 971095   | 12  | Flange nut       |       |
| 14  | 3888801  | 1   | Charge air pipe  |       |
| 15  | 947281   | 1   | Gasket           |       |
| 16  | 960628   | 1   | Plug             |       |
| 17  | 477314   | 1   | Gasket           |       |
| 18  | 946470   | 3   | Flange screw     |       |
| 19  | 990058   | 1   | O-ring           |       |
| 20  | 976944   | 1   | Washer           |       |
| 21  | 968893   | 1   | Flange screw     |       |

D11A-A, D11A-B, D11A-C, D11A-D



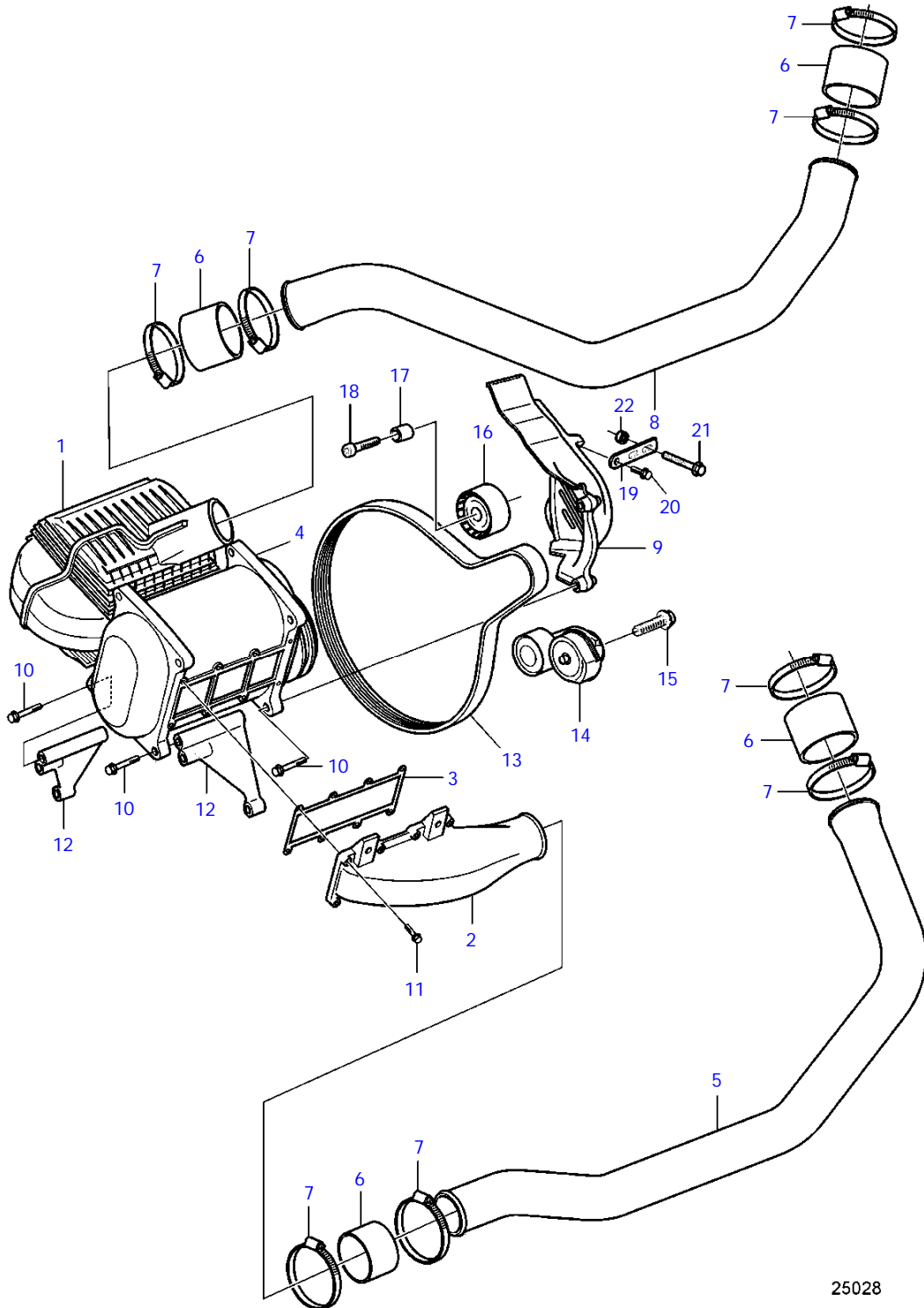
25763

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION        | NOTES                               |
|-----|----------|-----|--------------------|-------------------------------------|
| 1   | 3801221  | 1   | Turbocharger, exch | Replaced by 3801405                 |
|     | 3801405  | 1   | Turbocharger       | Component parts not sold seperately |
| 2   | 20784537 | 1   | Gasket             |                                     |
| 3   | 924081   | 4   | Stud               |                                     |
| 4   | 940097   | 4   | Washer             |                                     |
| 5   | 971071   | 4   | Hexagon nut        |                                     |
| 6   | 420643   | 1   | Gasket             |                                     |
| 7   | 8148729  | 1   | Connector          |                                     |
| 8   | 21138944 | 1   | Oil line           |                                     |
| 9   | 20565843 | 2   | Lock brace         |                                     |
| 10  | 469601   | 1   | Sealing ring       |                                     |
| 11  | 947760   | 2   | Flange screw       |                                     |
| 12  | 946440   | 3   | Flange screw       |                                     |
| 13  | 21138943 | 1   | Oil line           |                                     |
| 14  | 1547255  | 1   | Sealing ring       |                                     |
| 15  | 820851   | 2   | Clamp              |                                     |
| 16  | 946544   | 1   | Flange screw       |                                     |
| 17  | 945407   | 1   | Flange nut         |                                     |
| 18  | 1545432  | 1   | Attaching clamp    |                                     |
| 19  | 3887861  | 1   | Coolant pipe       |                                     |
| 20  | 11996    | 4   | Gasket             |                                     |
| 21  | 941686   | 2   | Hollow screw       |                                     |
| 22  | 3889823  | 1   | Nipple             |                                     |
| 23  | 968559   | 1   | O-ring             |                                     |
| 24  | 11998    | 2   | Gasket             |                                     |
| 25  |          | 2   | Plug               |                                     |
| 26  | 21139074 | 1   | Oil line           |                                     |
| 27  | 11996    | 2   | Gasket             |                                     |
| 28  | 991046   | 1   | Hollow screw       |                                     |
| 29  | 11998    | 2   | Gasket             |                                     |
| 30  | (991613) | 1   | Hollow screw       | Obsolete part                       |
| 31  | 3888530  | 1   | Coolant pipe       |                                     |
| 32  | 1547252  | 1   | Sealing ring       |                                     |
| 33  | 1546531  | 1   | Lock brace         |                                     |
| 34  | 946440   | 1   | Flange screw       |                                     |
| 35  | 947827   | 1   | Clamp              |                                     |
| 36  | 20714050 | 1   | Stud               |                                     |
| 37  | 945408   | 2   | Flange nut         |                                     |
| 38  | 969033   | 1   | Rubber hose        |                                     |
| 39  | 961664   | 2   | Hose clamp         |                                     |
| 40  | 21244966 | 1   | Coolant pipe       |                                     |
| 41  | 1547253  | 1   | Sealing ring       |                                     |
| 42  | 1547252  | 1   | Sealing ring       |                                     |
| 43  | 1546531  | 1   | Lock brace         |                                     |
| 44  | 946440   | 1   | Flange screw       |                                     |
| 45  | 11996    | 4   | Gasket             |                                     |
| 46  | 941686   | 2   | Hollow screw       |                                     |
| 47  | 3593747  | 1   | Pipe set           |                                     |
| 48  | 961663   | 4   | Hose clamp         |                                     |
| 49  | 3594055  | 1   | Hose assembly      |                                     |
| 50  | 9135343  | 2   | Retainer           |                                     |
| 51  | 978869   | 1   | Clamp              |                                     |
| 52  | 946440   | 1   | Flange screw       |                                     |
| 53  |          | 1   | Hose               |                                     |
| 54  |          | 2   | Clamp              |                                     |
| 55  |          | 2   | Screw              |                                     |
| 56  | 20459906 | 1   | Banjo nipple       |                                     |
| 57  | 991048   | 1   | Hollow screw       |                                     |
| 58  | 982723   | 2   | Gasket             |                                     |



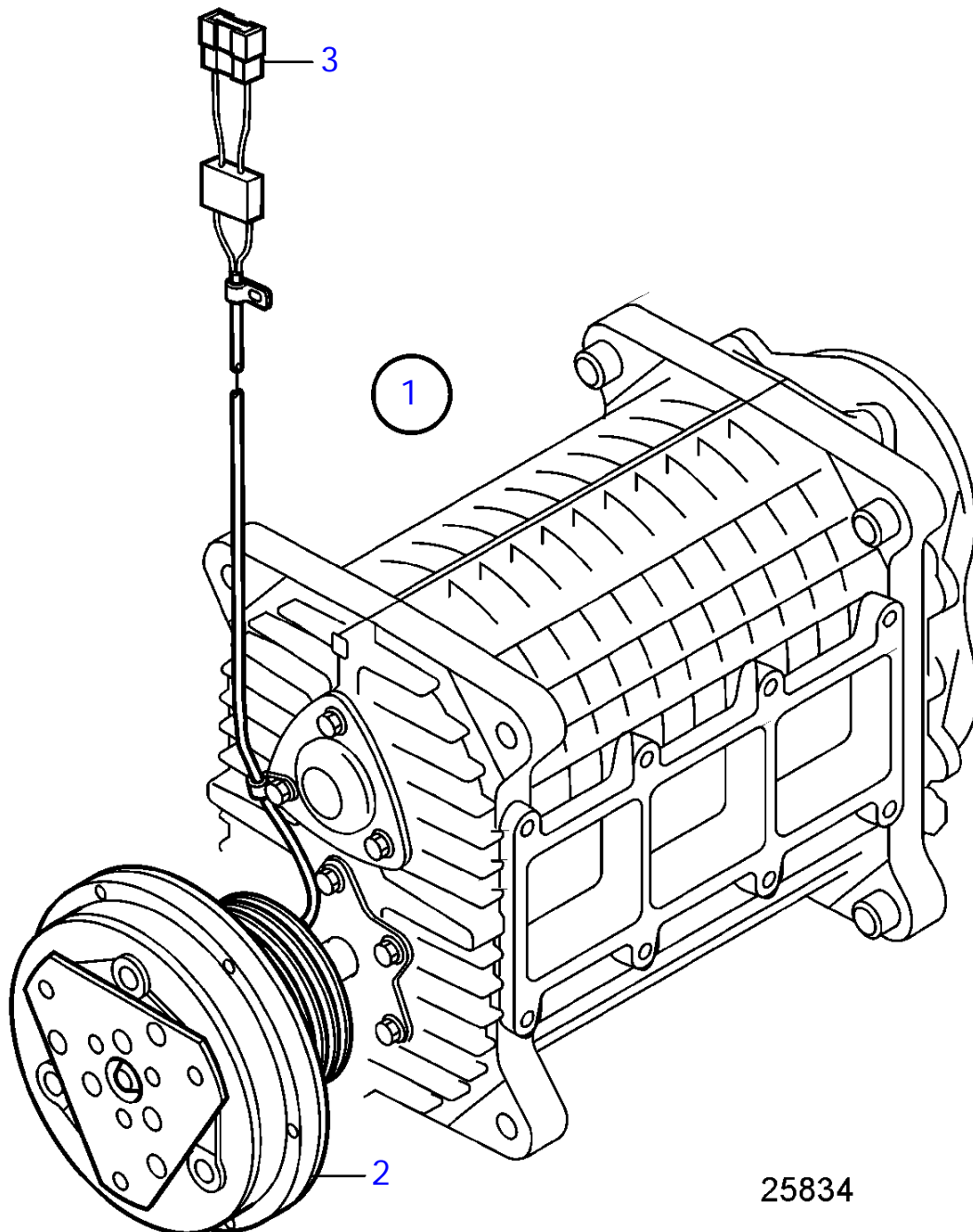
D11A-C, D11A-D



D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION    | SEE SEC. | NOTES                |
|-----|----------|-----|----------------|----------|----------------------|
| 1   | 21257669 | 1   | Inlet silencer |          |                      |
| 2   | 21162922 | 1   | Air outlet     |          |                      |
| 3   | 21308577 | 1   | Gasket         |          |                      |
| 4   | 21145185 | 1   | Supercharger   |          |                      |
| 5   | 21257650 | 1   | Pipe           | 36800    |                      |
| 6   | 470327   | 4   | Hose           |          |                      |
| 7   | 995045   | 8   | Hose clamp     |          |                      |
| 8   | 21257648 | 1   | Pipe           |          |                      |
| 9   | 21452524 | 1   | Belt protector |          |                      |
| 10  | 965186   | 8   | Flange screw   |          |                      |
| 11  | 948356   | 8   | Flange screw   |          |                      |
| 12  | 21211439 | 2   | Bracket        |          |                      |
| 13  | 981021   | 1   | V-ribbed belt  |          |                      |
| 14  | 20935521 | 1   | Belt tensioner |          | Replaced by 21422765 |
|     | 21422765 | 1   | Belt tensioner |          |                      |
| 15  | 947790   | 1   | Flange screw   |          |                      |
| 16  | 3887305  | 1   | Idler pulley   |          |                      |
| 17  | 3818176  | 1   | Hub            |          |                      |
| 18  | 965195   | 1   | Flange screw   |          |                      |
| 19  | 965540   | 1   | Bracket        |          |                      |
| 20  | 946173   | 1   | Flange screw   |          |                      |
| 21  | 947760   | 1   | Flange screw   |          |                      |
| 22  | 945408   | 1   | Flange nut     |          |                      |

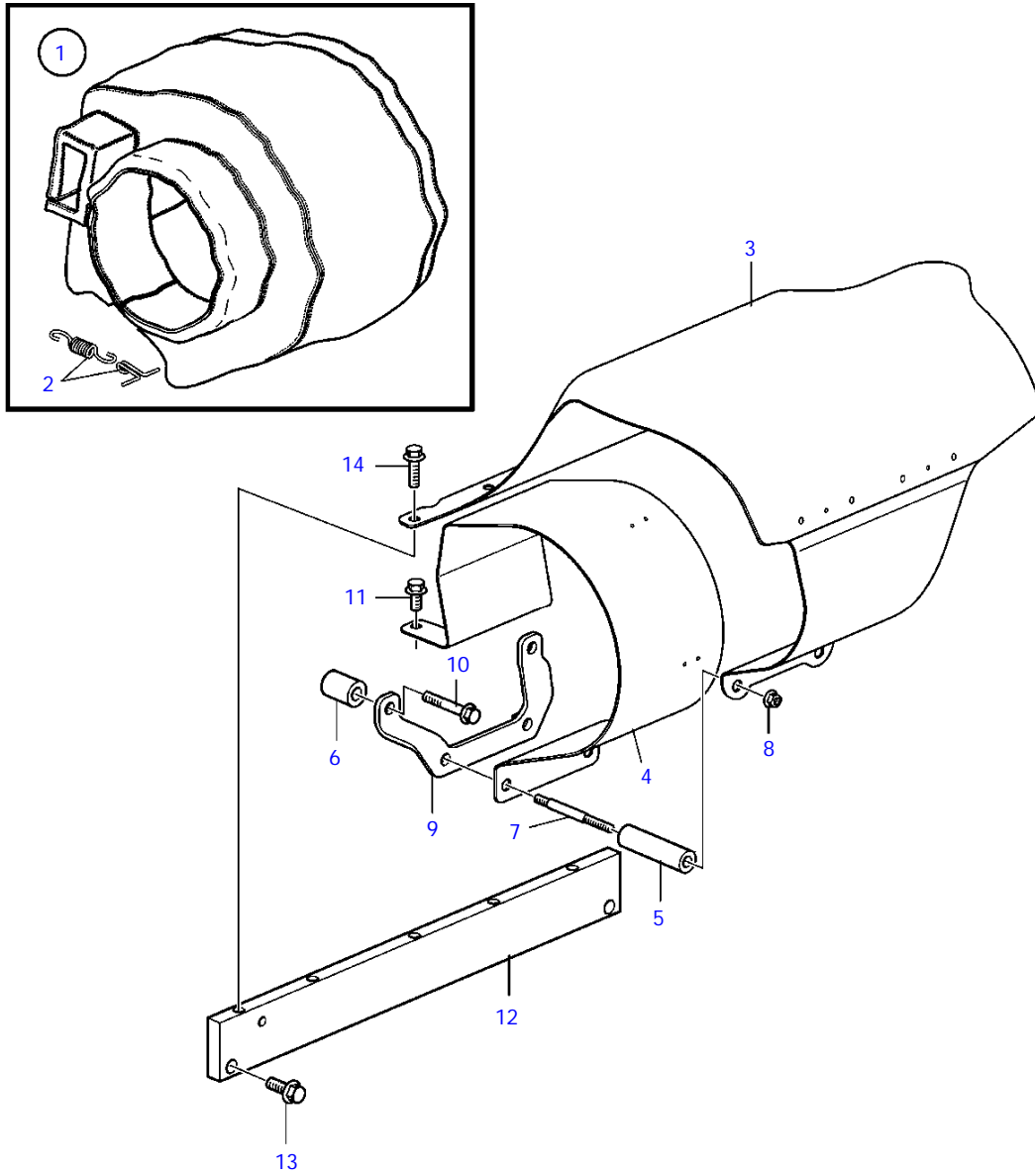
D11A-C, D11A-D



25834



D11A-A, D11A-B, D11A-C, D11A-D

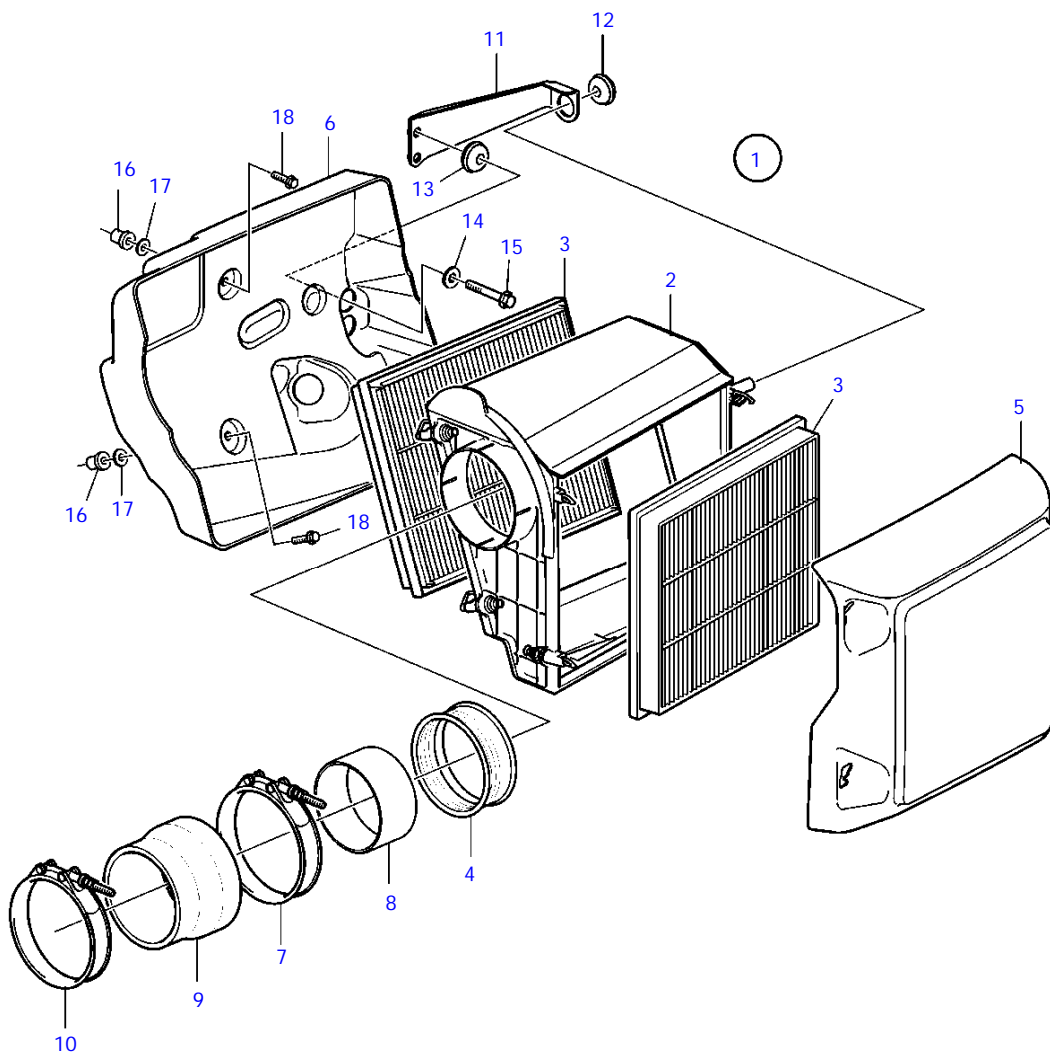


24081

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION   |
|-----|----------|-----|---------------|
| 1   | 3842958  | 1   | Isolation     |
| 2   | 3888127  | 6   | * Hook        |
|     | 3888128  | 4   | * Spring      |
| 3   | 3886936  | 1   | Heat shield   |
| 4   | 3888134  | 1   | Brace         |
| 5   | 3886932  | 1   | Bracket       |
| 6   | 823498   | 2   | Spacer sleeve |
| 7   | 953060   | 2   | Stud          |
| 8   | 945408   | 2   | Flange nut    |
| 9   | 845342   | 2   | Spacer sleeve |
| 10  | 973924   | 2   | Flange screw  |
| 11  | 3818407  | 1   | Bracket       |
| 12  | 946329   | 2   | Flange screw  |
| 13  | 946440   | 2   | Flange screw  |
| 14  | 945444   | 5   | Flange screw  |

D11A-A, D11A-B, D11A-C, D11A-D



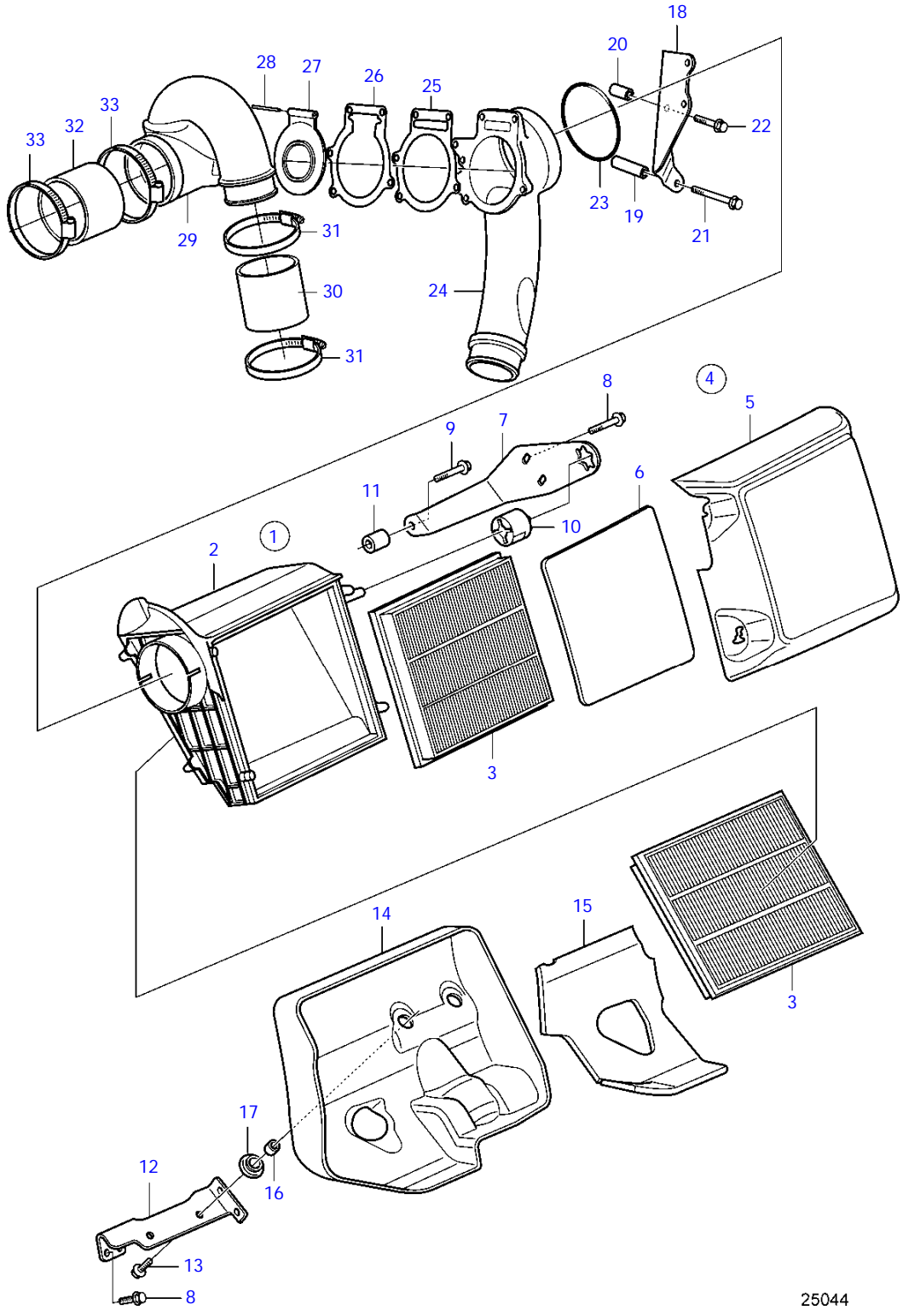
24086

|                                |
|--------------------------------|
| D11A-A, D11A-B, D11A-C, D11A-D |
|--------------------------------|

| REF | PART NO.  | QTY | DESCRIPTION   | NOTES         |
|-----|-----------|-----|---------------|---------------|
| 1   | 21111213  | 1   | Air cleaner   |               |
| 2   | (3808327) | 1   | • Housing     | Obsolete part |
| 3   | 3818541   | 2   | • Insert      |               |
| 4   | 3808001   | 1   | • Gasket      |               |
| 5   | 40005821  | 1   | Sound trap    |               |
| 6   | 40005827  | 1   | Sound trap    |               |
| 7   | 1544734   | 1   | Hose clamp    |               |
| 8   | 3847923   | 1   | Support ring  |               |
| 9   | 3595436   | 1   | Rubber collar |               |
| 10  | 1544733   | 1   | Hose clamp    |               |
| 11  | 3888871   | 1   | Anchorage     |               |
| 12  | 990240    | 1   | Grommet       |               |
| 13  | 992404    | 2   | Grommet       |               |
| 14  | 992404    | 2   | Grommet       |               |
| 15  | 965216    | 2   | Flange screw  |               |
| 16  | 930760    | 2   | Expanding nut |               |
| 17  | 976943    | 2   | Washer        |               |
| 18  | 947542    | 2   | Flange screw  |               |



D11A-C, D11A-D

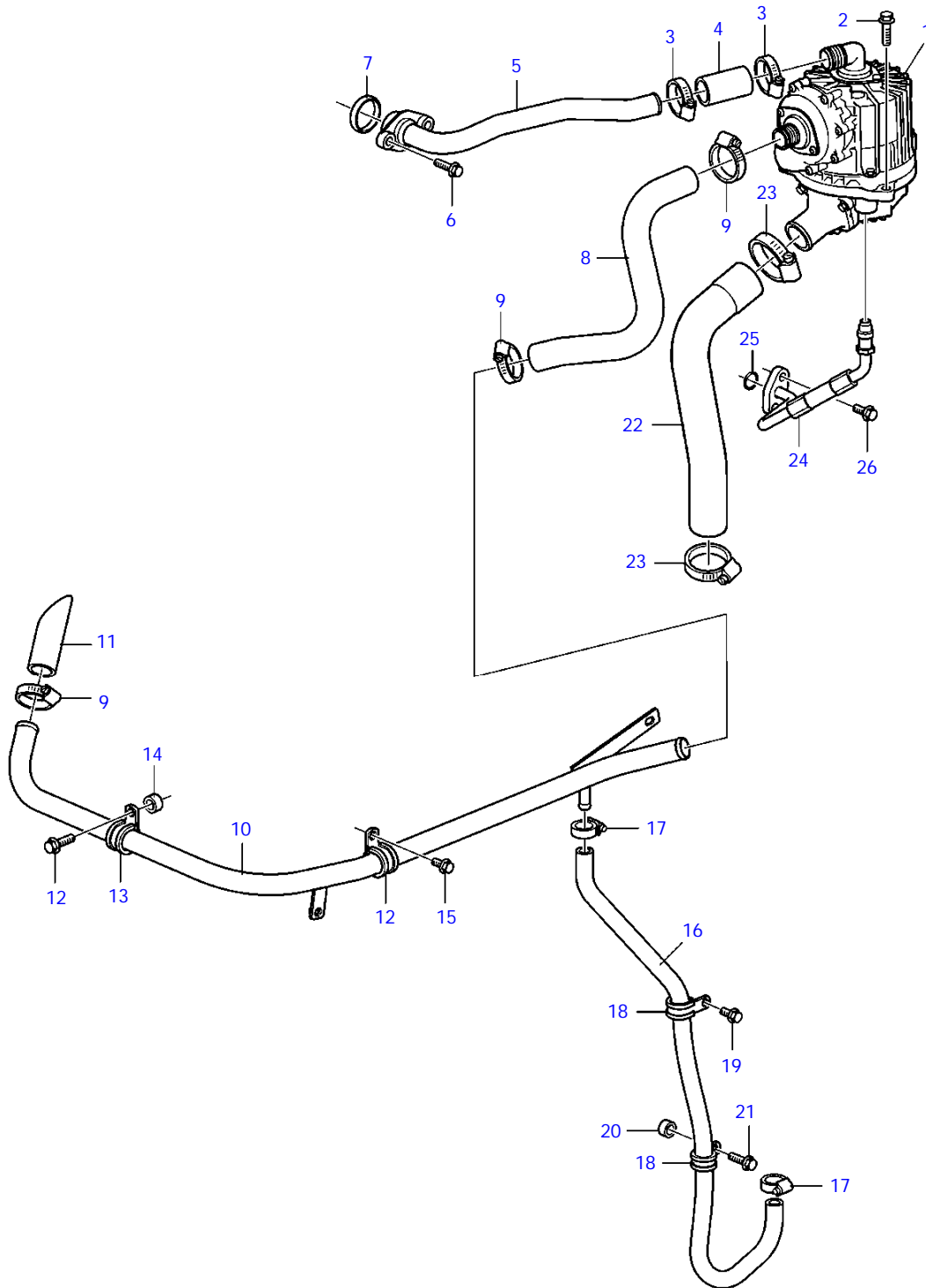


25044

D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION        | NOTES         |
|-----|-----------|-----|--------------------|---------------|
| 1   | 21310017  | 1   | Air filter         |               |
| 2   | (3808327) | 1   | * Housing          | Obsolete part |
| 3   | 3818541   | 2   | * Insert           |               |
| 4   | 21353976  | 1   | * Sound trap       |               |
| 5   |           | 1   | * * Cardboard tube |               |
| 6   |           | 1   | * * Sound absorber |               |
| 7   | 21295545  | 1   | Bracket            |               |
| 8   | 946173    | 4   | Flange screw       |               |
| 9   | 948217    | 1   | Flange screw       |               |
| 10  | 21301219  | 1   | Rubber bushing     |               |
| 11  | 973273    | 1   | Spacer sleeve      |               |
| 12  | 21295556  | 1   | Bracket            |               |
| 13  | 945444    | 2   | Flange screw       |               |
| 14  | 21327476  | 1   | Sound absorber     |               |
| 15  |           | 1   | * Sound absorber   |               |
| 16  | 40005089  | 4   | * Spacer           |               |
| 17  | 992404    | 4   | * Grommet          |               |
| 18  | 21257516  | 1   | Bracket            |               |
| 19  |           | 1   | Sleeve             |               |
| 20  |           | 1   | Sleeve             |               |
| 21  | 980475    | 1   | Flange screw       |               |
| 22  | 965187    | 1   | Flange screw       |               |
| 23  | 990692    | 1   | O-ring             |               |
| 24  | 21416775  | 1   | Air shutter        |               |
| 25  | 21389148  | 1   | Gasket             |               |
| 26  | 21269698  | 1   | Gasket             |               |
| 27  | 21416775  | 1   | Air shutter        |               |
| 28  |           | 1   | * Pin              |               |
| 29  | 21256260  | 1   | Air shutter        |               |
| 30  | 470327    | 1   | Hose               |               |
| 31  | 995045    | 2   | Hose clamp         |               |
| 32  | 21305110  | 1   | Rubber hose        |               |
| 33  | 853012    | 2   | Hose clamp         |               |

D11A-A, D11A-B, D11A-C, D11A-D

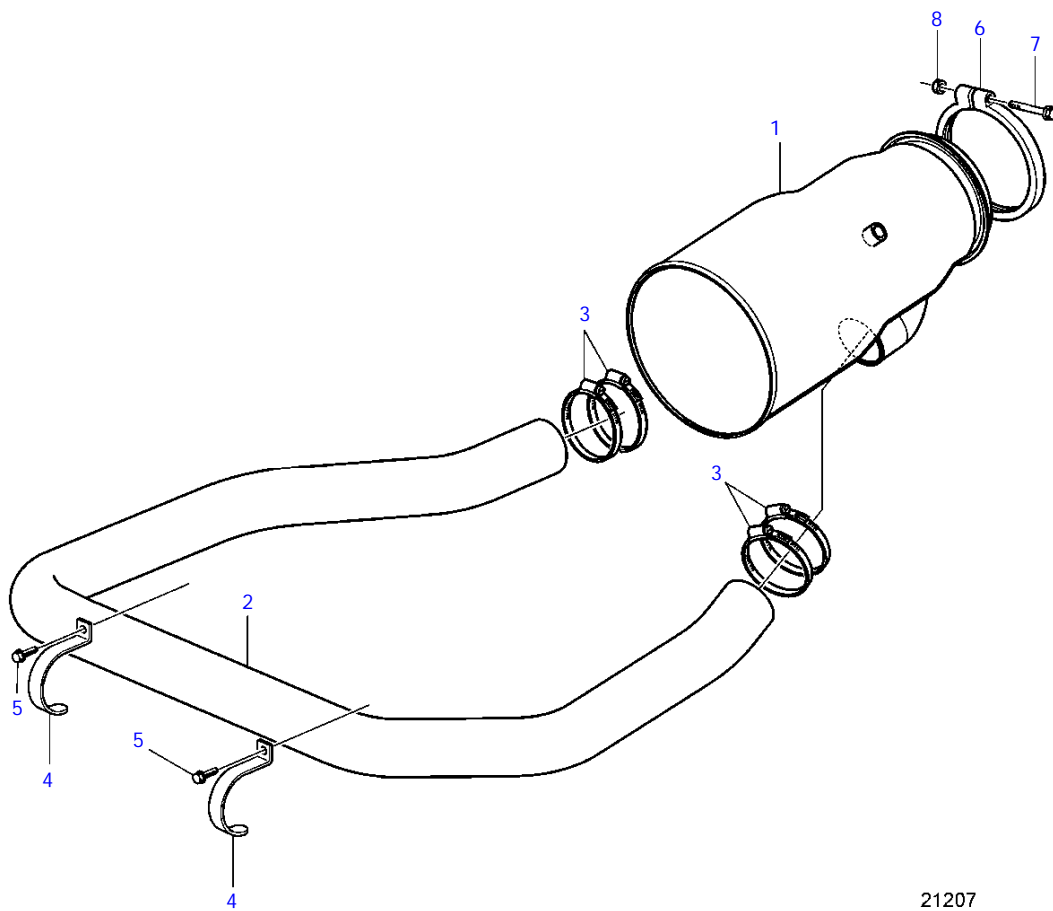


24151

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION     | NOTES         |
|-----|------------|-----|-----------------|---------------|
| 1   | 20707295   | 1   | Separator       |               |
| 2   | 946671     | 3   | Flange screw    |               |
| 3   | 943477     | 2   | Hose clamp      |               |
| 4   | (20711377) | 1   | Hose            | Obsolete part |
| 5   | 40005746   | 1   | Pipe            |               |
| 6   | 945444     | 2   | Flange screw    |               |
| 7   | 20555696   | 1   | Sealing ring    |               |
| 8   | 3889437    | 1   | Hose            |               |
| 9   | 943475     | 1   | Hose clamp      |               |
| 10  | 21118819   | 1   | Pipe            |               |
| 11  | 944386     | 1   | Rubber hose     |               |
| 12  | 946329     | 2   | Flange screw    |               |
| 13  | 946329     | 1   | Flange screw    |               |
| 14  | 977412     | 1   | Spacer sleeve   |               |
| 15  | 946440     | 1   | Flange screw    |               |
| 16  | 943707     | 1   | Hose            |               |
| 17  | 943471     | 2   | Hose clamp      |               |
| 18  | 1545432    | 2   | Attaching clamp |               |
| 19  | 946440     | 1   | Flange screw    |               |
| 20  | 948871     | 1   | Spacer washer   |               |
| 21  | 945444     | 1   | Flange screw    |               |
| 22  | 3886236    | 1   | Hose            |               |
| 23  | 943475     | 2   | Hose clamp      |               |
| 24  | 3886489    | 1   | Oil hose        |               |
| 25  | 968007     | 1   | O-ring          |               |
| 26  | 946173     | 2   | Flange screw    |               |

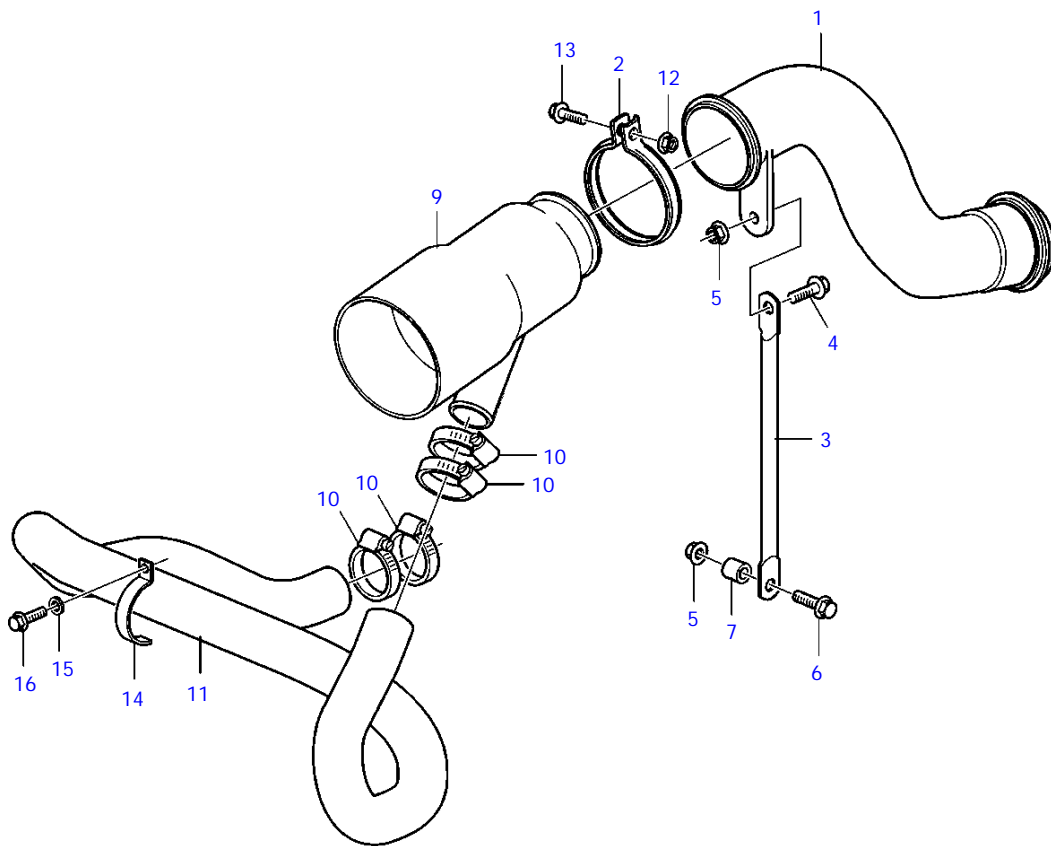
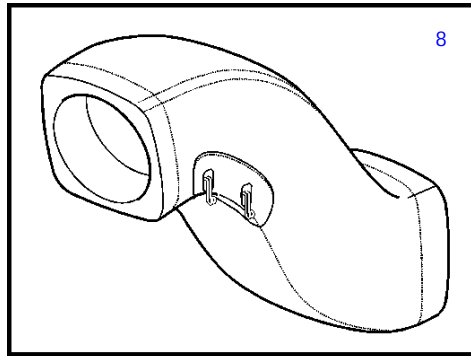
D11A-A, D11A-B, D11A-C, D11A-D



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION     |
|-----|----------|-----|-----------------|
| 1   | 21405904 | 1   | Exhaust riser   |
| 2   | 3817427  | 1   | Hose            |
| 3   | 961672   | 4   | Hose clamp      |
| 4   | 948560   | 2   | Clamp           |
| 5   | 946544   | 2   | Flange screw    |
| 6   | 1556930  | 1   | Clamp           |
| 7   | 973924   | 1   | Flange screw    |
| 8   | 948645   | 1   | Flange lock nut |

D11A-A, D11A-B, D11A-C, D11A-D



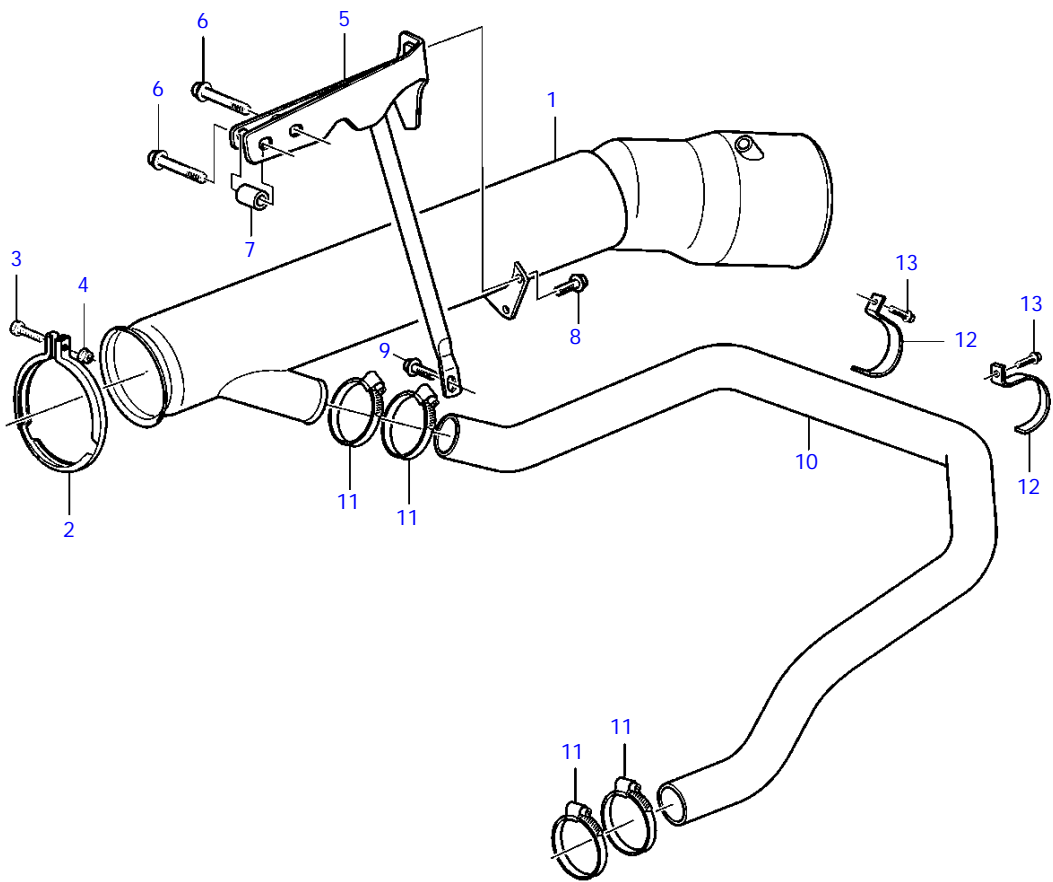
25160

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          |
|-----|----------|-----|----------------------|
| 1   | 3817976  | 1   | Exhaust riser        |
| 2   | 1556930  | 1   | Clamp                |
| 3   | 3888512  | 1   | Stay                 |
| 4   | 946472   | 1   | Flange screw         |
| 5   | 971098   | 2   | Flange lock nut      |
| 6   | 965221   | 1   | Flange screw         |
| 7   | 855773   | 1   | Spacer sleeve        |
| 8   | 3818149  | 1   | Exhaust pipe protect |
| 9   | 3842183  | 1   | Exhaust pipe         |
| 10  | 961672   | 2   | Hose clamp           |
| 11  | 40005350 | 1   | Hose                 |
| 12  | 973924   | 1   | Flange screw         |
| 13  | 948645   | 1   | Flange lock nut      |
| 14  | 948560   | 2   | Clamp                |
| 15  | 960142   | 2   | Washer               |
| 16  | 967949   | 2   | Flange screw         |



D11A-C, D11A-D

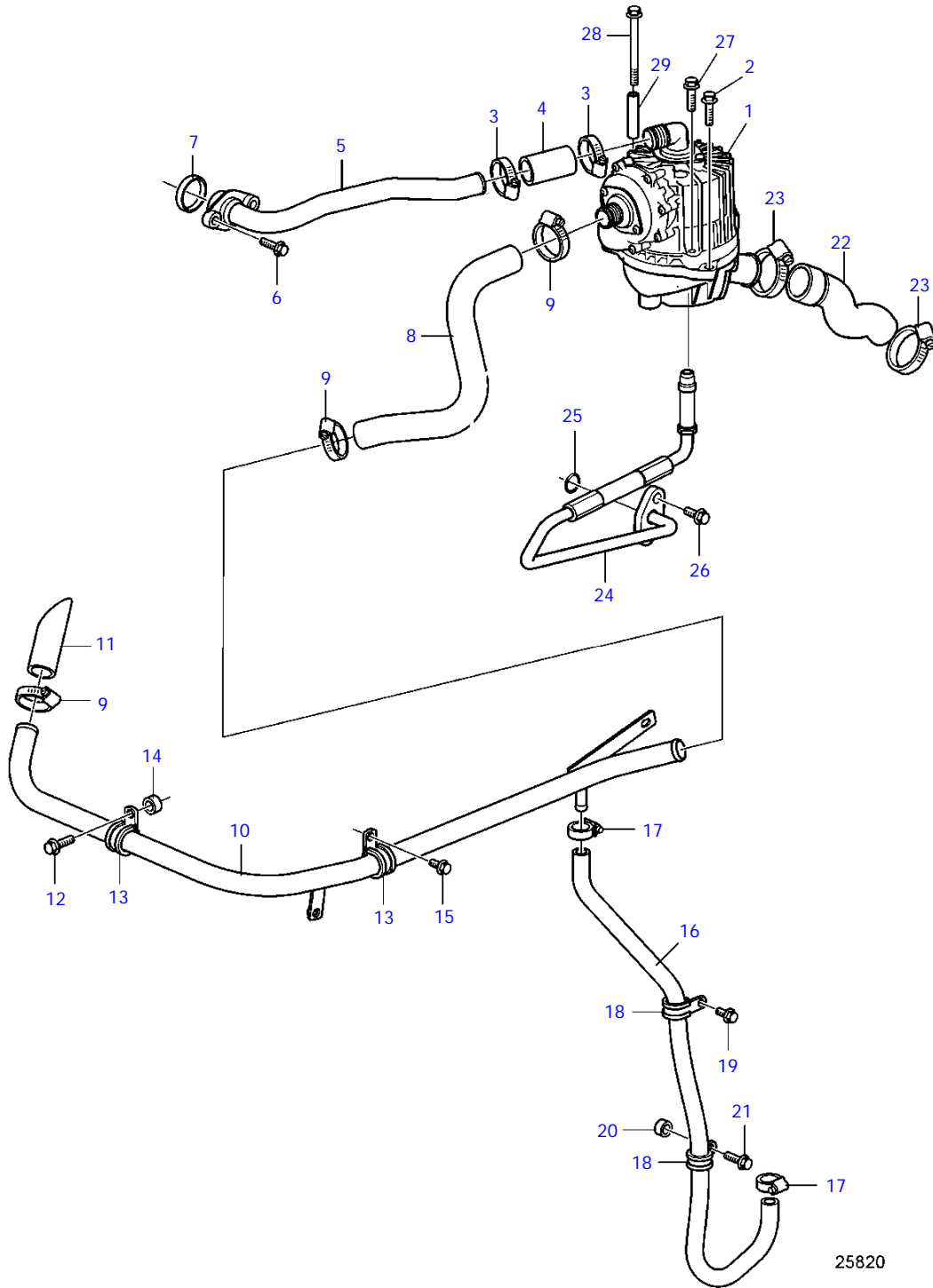


25161

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION     |
|-----|----------|-----|-----------------|
| 1   | 21420029 | 1   | Exhaust riser   |
| 2   | 1556930  | 1   | Clamp           |
| 3   | 973924   | 1   | Flange screw    |
| 4   | 948645   | 1   | Flange lock nut |
| 5   | 21378771 | 1   | Stay            |
| 6   | 965187   | 2   | Flange screw    |
| 7   | 845342   | 1   | Spacer sleeve   |
| 8   | 946173   | 2   | Flange screw    |
| 9   | 946329   | 1   | Flange screw    |
| 10  | 21164283 | 1   | Hose            |
| 11  | 961672   | 4   | Hose clamp      |
| 12  | 948560   | 2   | Clamp           |
| 13  | 946544   | 2   | Flange screw    |

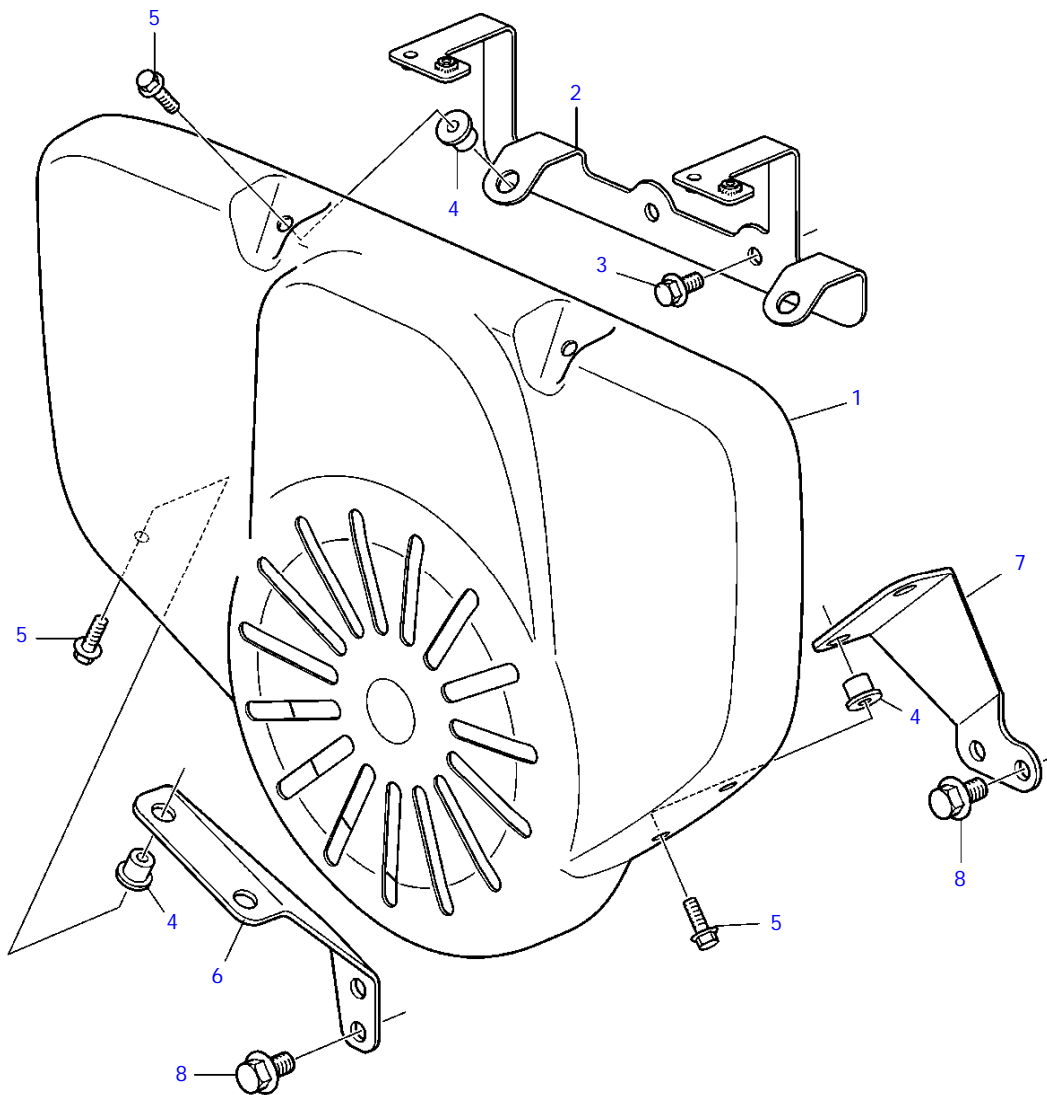
D11A-A, D11A-B, D11A-C, D11A-D



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION     | NOTES         |
|-----|------------|-----|-----------------|---------------|
| 1   | 20707295   | 1   | Separator       |               |
| 2   | 946671     | 2   | Flange screw    |               |
| 3   | 943477     | 2   | Hose clamp      |               |
| 4   | (20711377) | 1   | Hose            | Obsolete part |
| 5   | 40005746   | 1   | Pipe            |               |
| 6   | 945444     | 2   | Flange screw    |               |
| 7   | 20555696   | 1   | Sealing ring    |               |
| 8   | 3889437    | 1   | Hose            |               |
| 9   | 943475     | 3   | Hose clamp      |               |
| 10  | 21118819   | 1   | Pipe            |               |
| 11  | 944386     | 1   | Rubber hose     |               |
| 12  | 946329     | 2   | Flange screw    |               |
| 13  | 947827     | 2   | Clamp           |               |
| 14  | 977412     | 1   | Spacer sleeve   |               |
| 15  | 946440     | 1   | Flange screw    |               |
| 16  | 943707     | 1   | Hose            |               |
| 17  | 943471     | 2   | Hose clamp      |               |
| 18  | 1545432    | 2   | Attaching clamp |               |
| 19  | 946440     | 1   | Flange screw    |               |
| 20  | 948871     | 1   | Spacer washer   |               |
| 21  | 945444     | 1   | Flange screw    |               |
| 22  | 3886236    | 1   | Hose            |               |
| 23  | 943475     | 2   | Hose clamp      |               |
| 24  | 21441010   | 1   | Oil hose        |               |
| 25  | 968007     | 1   | O-ring          |               |
| 26  | 946173     | 2   | Flange screw    |               |
| 27  | 948356     | 2   | Flange screw    |               |
| 28  | 965183     | 1   | Flange screw    |               |
| 29  | 822791     | 1   | Spacer sleeve   |               |

D11A-A, D11A-B, D11A-C, D11A-D

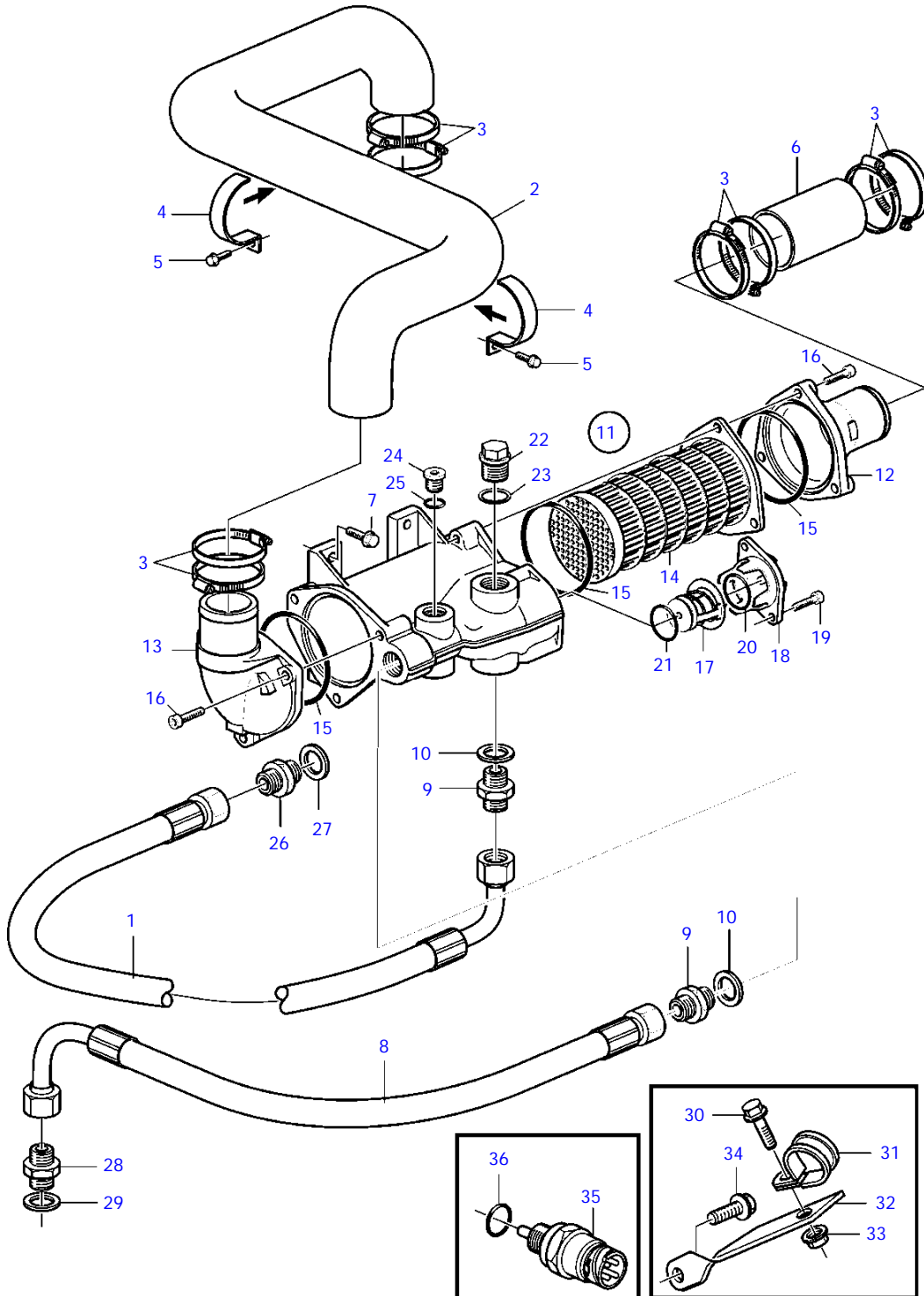


24105

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION    |
|-----|----------|-----|----------------|
| 1   | 3847962  | 1   | Belt protector |
| 2   | 3839558  | 1   | Bracket        |
| 3   | 946441   | 2   | Flange screw   |
| 4   | 930762   | 6   | Expanding nut  |
| 5   | 946440   | 6   | Flange screw   |
| 6   | 3849049  | 1   | Bracket        |
| 7   | 3849047  | 1   | Bracket        |
| 8   | 946502   | 4   | Flange screw   |

D11A-A, D11A-B, D11A-C, D11A-D



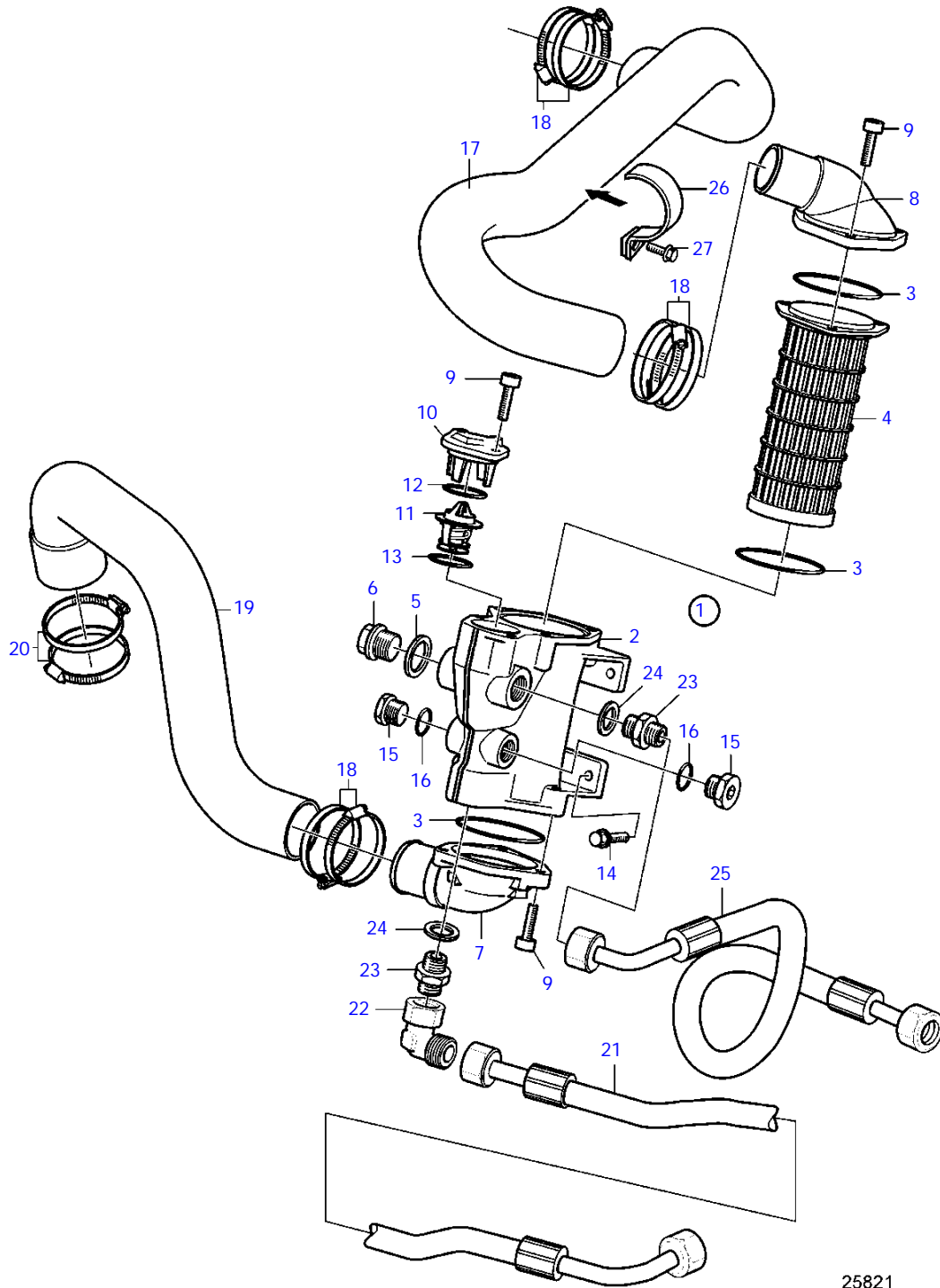
25152

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES   |
|-----|----------|-----|------------------|---------|
| 1   | 3588029  | 1   | Hose             | L=950mm |
| 2   | 3594833  | 1   | Hose             |         |
| 3   | 961672   | 8   | Hose clamp       |         |
| 4   | 948560   | 2   | Clamp            |         |
| 5   | 946544   | 2   | Flange screw     |         |
| 6   | 984968   | 1   | Rubber hose      |         |
| 7   | 945444   | 4   | Flange screw     |         |
| 8   | 3588801  | 1   | Hose             | L=570mm |
| 9   | 984670   | 2   | Nipple           |         |
| 10  | 977937   | 1   | Gasket           |         |
| 11  | 3808061  | 1   | Oil cooler       |         |
| 12  | 3817251  | 1   | * Cardboard tube |         |
| 13  | 3817250  | 1   | * Cover          |         |
| 14  | 3817249  | 1   | * Insert         |         |
| 15  | 3581070  | 3   | * O-ring         |         |
| 16  | 3838337  | 8   | * Screw          |         |
| 17  | 3817248  | 1   | * Thermostat     |         |
| 18  | 888622   | 1   | * Thermostat     |         |
| 19  |          | 2   | * Screw          |         |
| 20  | 3583830  | 1   | * O-ring         |         |
| 21  | 3586514  | 1   | * O-ring         |         |
| 22  | 3817245  | 1   | * Plug           |         |
| 23  | 3817240  | 1   | * Gasket         |         |
| 24  | 968610   | 1   | Plug             |         |
| 25  | 968559   | 1   | O-ring           |         |
| 26  | 984669   | 1   | Nipple           |         |
| 27  | 943908   | 1   | Gasket           |         |
| 28  | 943986   | 1   | Nipple           |         |
| 29  | 18677    | 1   | Gasket           |         |
| 30  | 946544   | 2   | Flange screw     |         |
| 31  | 952632   | 2   | Clamp            |         |
| 32  | 354842   | 1   | Bracket          |         |
| 33  | 949278   | 2   | Flange lock nut  |         |
| 34  |          | 1   | Flange screw     |         |
| 35  | 874313   | 1   | Sensor           |         |
| 36  | 976931   | 1   | Gasket           |         |



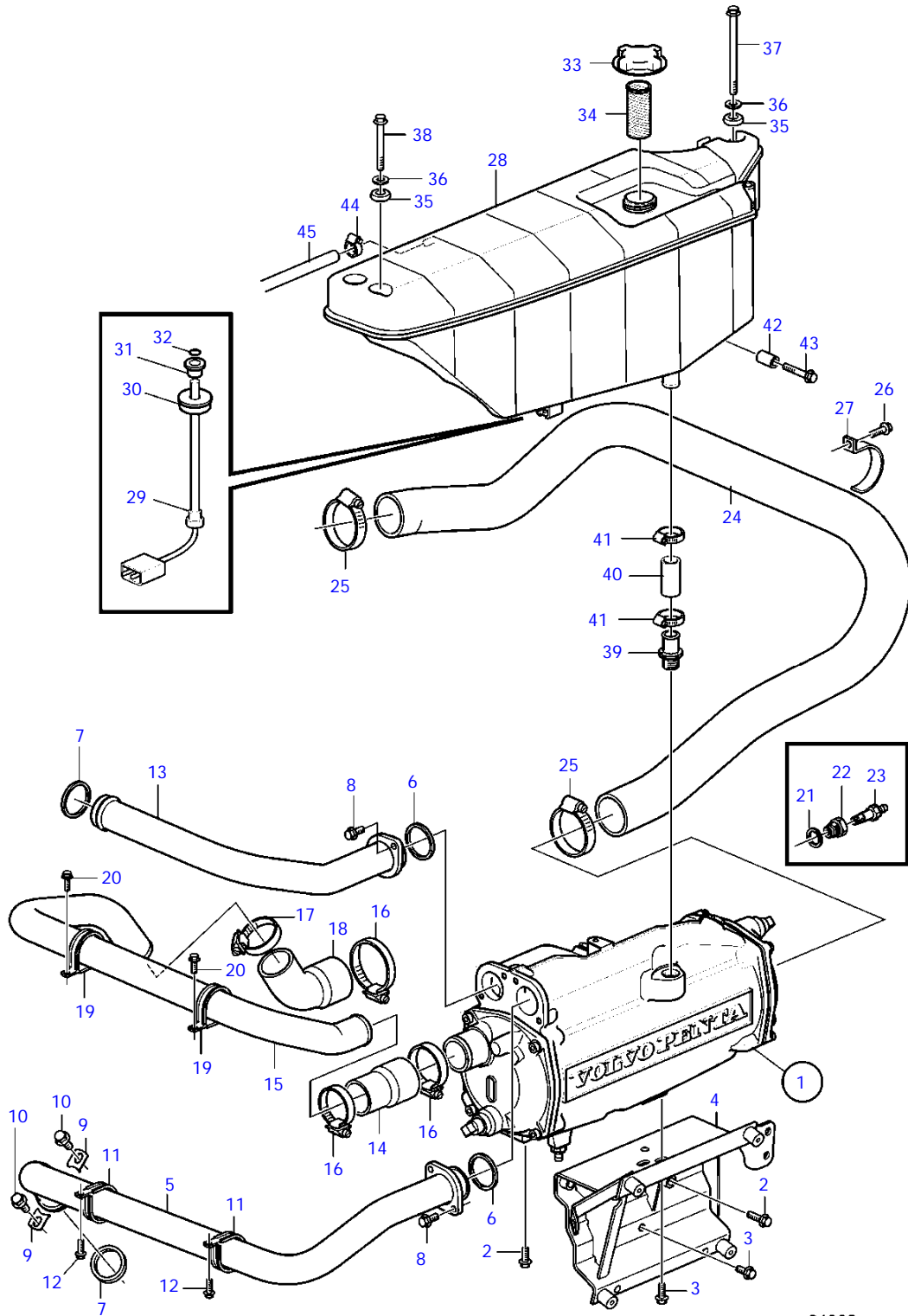
D11A-C, D11A-D



D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION         | NOTES                    |
|-----|----------|-----|---------------------|--------------------------|
| 1   | 21230918 | 1   | Oil cooler          |                          |
| 2   |          | 1   | * Housing           |                          |
| 3   | 3581070  | 2   | * O-ring            |                          |
| 4   | 3817249  | 1   | * Insert            |                          |
| 5   | 3817240  | 1   | * Gasket            |                          |
| 6   | 3817245  | 1   | * Plug              |                          |
| 7   | 3817251  | 1   | * Cardboard tube    |                          |
| 8   | 21230932 | 1   | * Cover             |                          |
| 9   | 3838337  | 8   | * Screw             |                          |
| 10  | 888622   | 1   | * Thermostat, cover |                          |
| 11  | 21244994 | 1   | * Thermostat        |                          |
| 12  | 3586514  | 1   | * O-ring            |                          |
| 13  | 3583830  | 1   | * O-ring            |                          |
| 14  | 946671   | 4   | * Flange screw      |                          |
| 15  | 968610   | 2   | Plug                |                          |
| 16  | 968559   | 2   | O-ring              |                          |
| 17  | 21164281 | 1   | Hose                |                          |
| 18  | 961672   | 4   | Hose clamp          |                          |
| 19  | 21164279 | 1   | Hose                |                          |
| 20  | 961673   | 1   | Hose clamp          |                          |
| 21  | 21294090 | 1   | Hose                | L=690mm, Standard Length |
| 22  | 992197   | 1   | Elbow nipple        |                          |
| 23  | 992035   | 2   | Nipple              |                          |
| 24  |          | 2   | * Gasket            |                          |
| 25  | 21294089 | 1   | Hose                | L=570mm, Standard Length |
| 26  | 948560   | 1   | Clamp               |                          |
| 27  | 946544   | 1   | Flange screw        |                          |

D11A-A, D11A-B, D11A-C, D11A-D

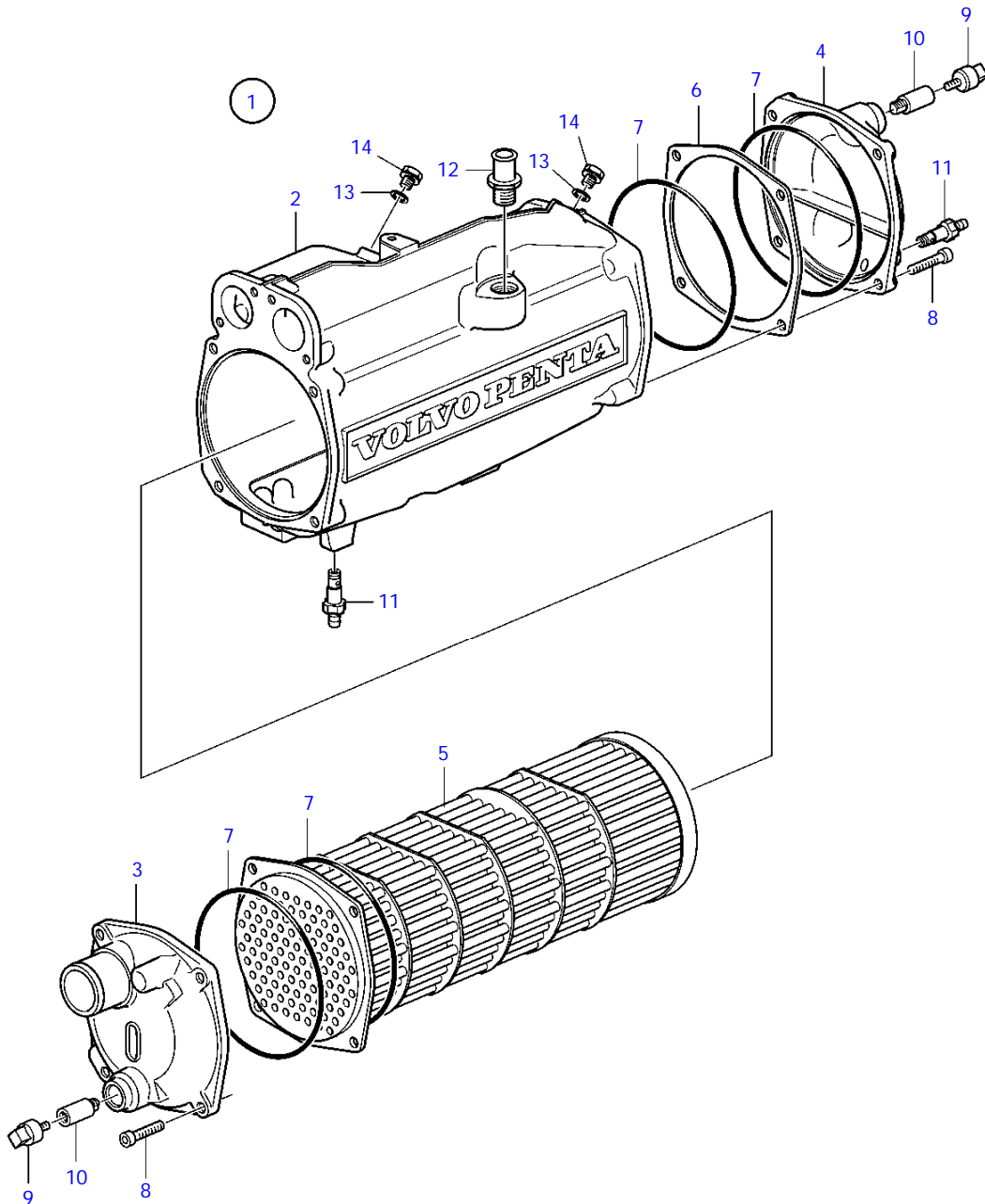


24088

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION     | SEE SEC. | NOTES  |
|-----|----------|-----|-----------------|----------|--|
| 1   |          | 1   | Heat exchanger  |          |  |
|     |          |     | *               | 22008    |  |
| 2   | 946671   | 3   | Flange screw    |          |  |
| 3   | 946173   | 3   | Flange screw    |          |  |
| 4   | 21134285 | 1   | Anchorage       |          |  |
| 5   | 3886500  | 1   | Coolant pipe    |          |  |
| 6   | 1547253  | 2   | Sealing ring    |          |  |
| 7   | 864491   | 2   | Gasket          |          |  |
| 8   | 946173   | 4   | Flange screw    |          |  |
| 9   | 1546531  | 2   | Lock brace      |          |  |
| 10  | 946440   | 2   | Flange screw    |          |  |
| 11  | 947457   | 2   | Clamp           |          |  |
| 12  | 967949   | 2   | Flange screw    |          |  |
| 13  | 3836309  | 1   | Coolant pipe    |          |  |
| 14  | 3837438  | 1   | Collar          |          |  |
| 15  | 3886493  | 1   | Pipe            |          |  |
| 16  | 961671   | 2   | Hose clamp      |          |  |
| 17  | 961672   | 2   | Hose clamp      |          |  |
| 18  | 3812324  | 1   | Rubber hose     |          |  |
| 19  | 947457   | 2   | Clamp           |          |  |
| 20  | 967949   | 2   | Flange screw    |          |  |
| 21  | 979099   | 1   | Gasket          |          |  |
| 22  | 3812353  | 1   | Nipple          |          |  |
| 23  | 3583822  | 1   | Draining nipple |          |  |
|     |          |     | *               | 22008    |  |
| 24  | 3594835  | 1   | Hose            |          |  |
| 25  | 961672   | 2   | Hose clamp      |          |  |
| 26  | 946544   | 2   | Flange screw    |          |  |
| 27  | 948560   | 2   | Clamp           |          |  |
| 28  | 3885197  | 1   | Expansion tank  |          | Replaced by 21505289   |
|     | 21505289 | 1   | Expansion tank  |          |  |
| 29  | 3588990  | 1   | * Level sensor  |          |  |
| 30  |          | 1   | * Float         |          | Not as spare part. Only included in expansion tank assy 3885197. |
| 31  | 3807256  | 1   | * Plug          |          | Not as spare part. Only included in expansion tank assy 3885197. |
| 32  | 968039   | 1   | * Retainer      |          | Not as spare part. Only included in expansion tank assy 3885197. |
| 33  | 1674083  | 1   | * Pressure cap  |          |  |
| 34  | 21397682 | 1   | Pipe            |          |  |
| 35  | 3285120  | 4   | Grommet         |          |  |
| 36  | 976944   | 4   | Washer          |          |  |
| 37  | 969225   | 2   | Flange screw    |          |  |
| 38  | 965181   | 2   | Flange screw    |          |  |
| 39  | 990410   | 1   | Hose nipple     |          |  |
| 40  | 969033   | X   | Rubber hose     |          | L=50mm   |
| 41  | 961667   | 2   | Hose clamp      |          |  |
| 42  | 833243   | 1   | Spacer sleeve   |          |  |
| 43  | 973924   | 1   | Flange screw    |          |  |
| 44  |          | 1   | Clamp           | 22005    |  |
| 45  |          | 1   | Hose            | 22005    |  |

D11A-A, D11A-B, D11A-C, D11A-D

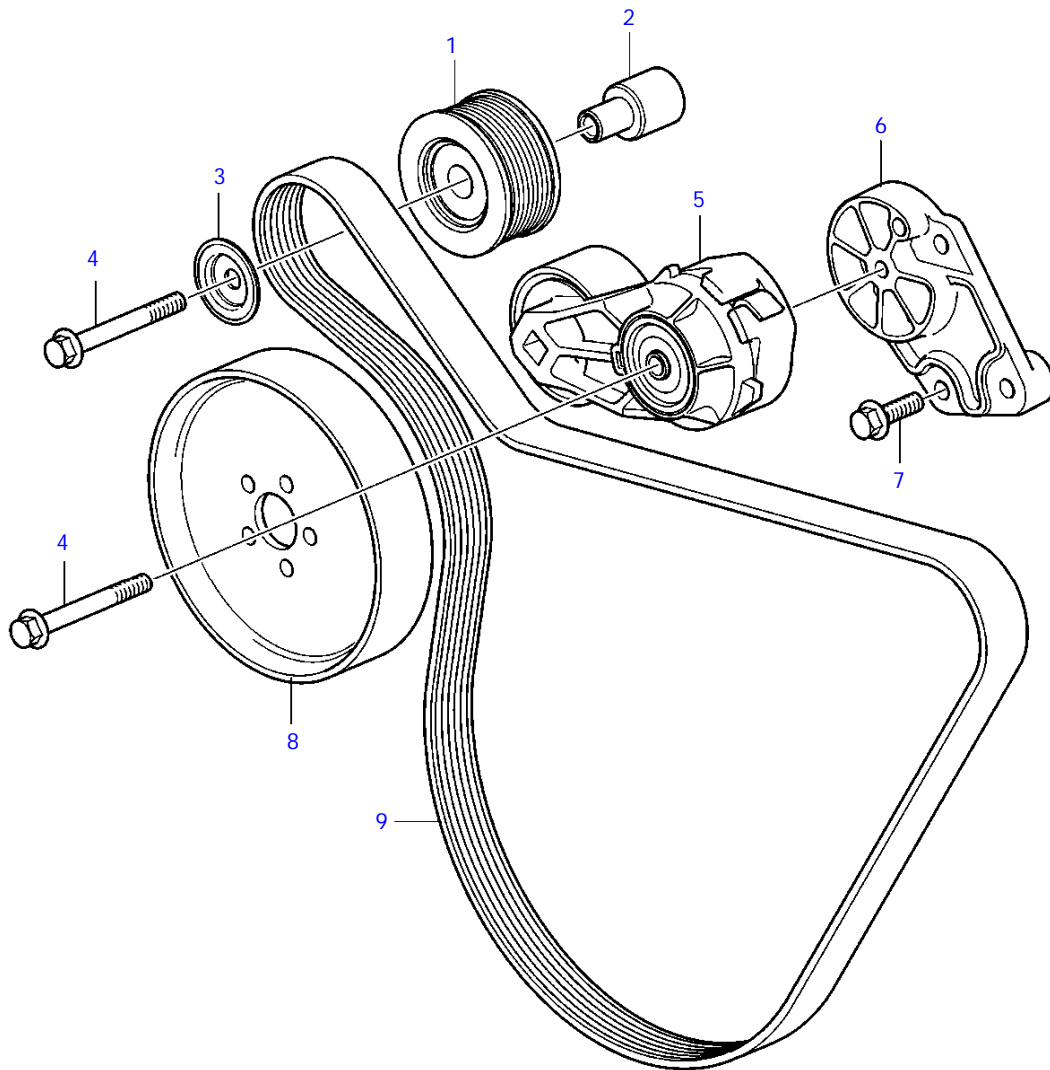


25078

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION            |
|-----|----------|-----|------------------------|
| 1   | 21146768 | 1   | Heat exchanger         |
| 2   |          | 1   | * Heat exchanger housi |
| 3   | 3588542  | 1   | * Cover                |
| 4   | 3588541  | 1   | * Cover                |
| 5   | 3887309  | 1   | * Heat exchanger eleme |
| 6   | 3588537  | 1   | * Spacer               |
| 7   | 3588536  | 4   | * O-ring               |
| 8   | 3838337  | 8   | * Screw                |
| 9   | 838928   | 2   | * Plug                 |
| 10  | 838929   | 1   | * Anode                |
| 11  | 3583822  | 2   | * Draining nipple      |
| 12  | 990410   | 1   | * Hose nipple          |
| 13  | 947282   | 2   | * Gasket               |
| 14  | 960629   | 2   | * Plug                 |

D11A-A, D11A-B, D11A-C, D11A-D



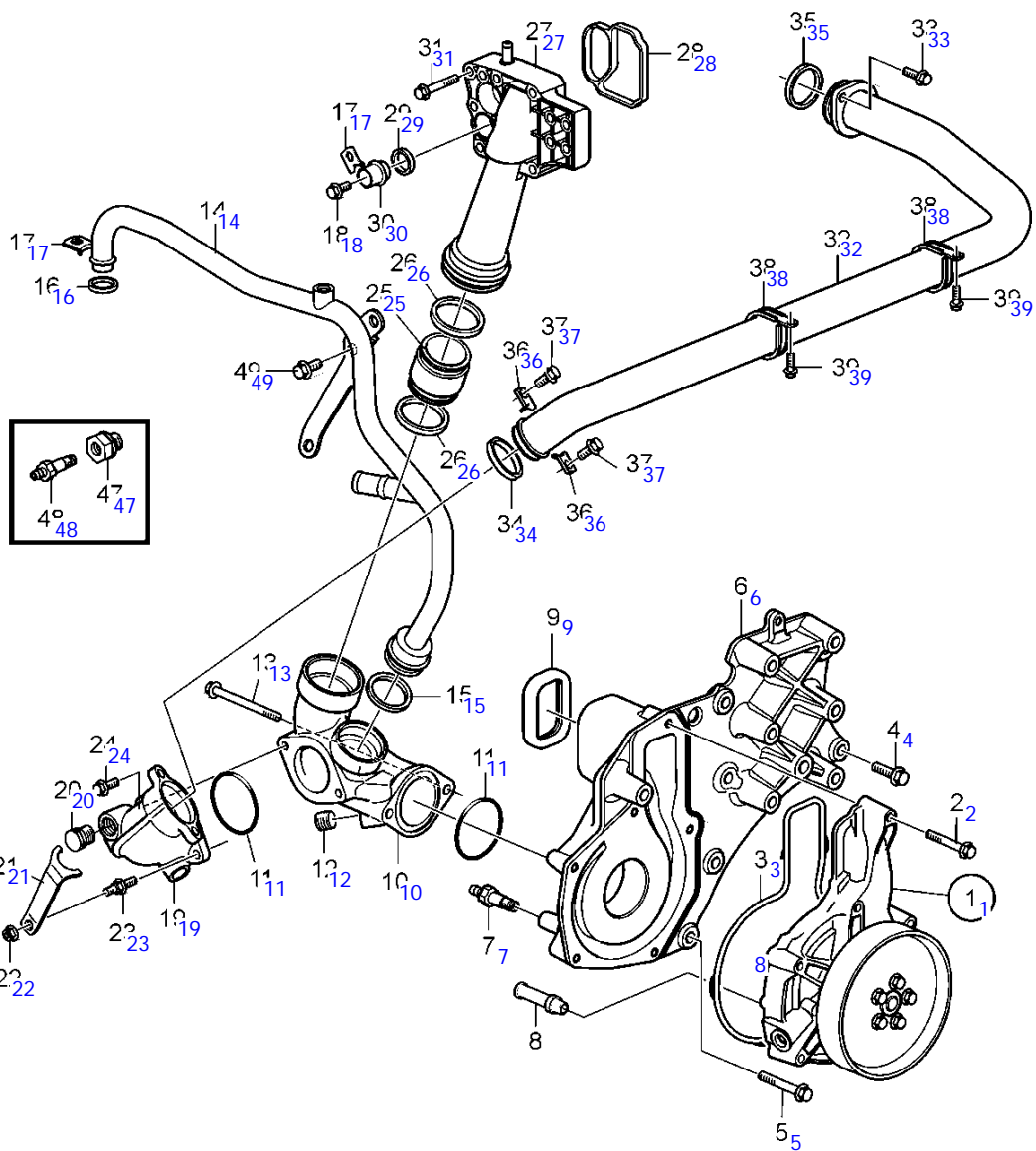
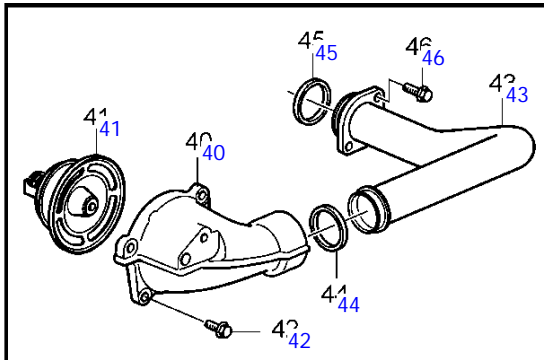
24140

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION        | SEE SEC. |
|-----|----------|-----|--------------------|----------|
| 1   | 20357382 | 1   | Idler pulley       |          |
| 2   | 3887334  | 1   | Hub sleeve         |          |
| 3   | 8097084  | 1   | Cover              |          |
| 4   | 947790   | 2   | Flange screw       |          |
| 5   | 20739751 | 1   | Belt tensioner     |          |
| 6   | 3849931  | 1   | Bracket            |          |
| 7   | 946472   | 2   | Flange screw       |          |
| 8   |          | 1   | Pulley, water pump | 22010    |
| 9   | 982570   | 1   | V-ribbed belt      |          |



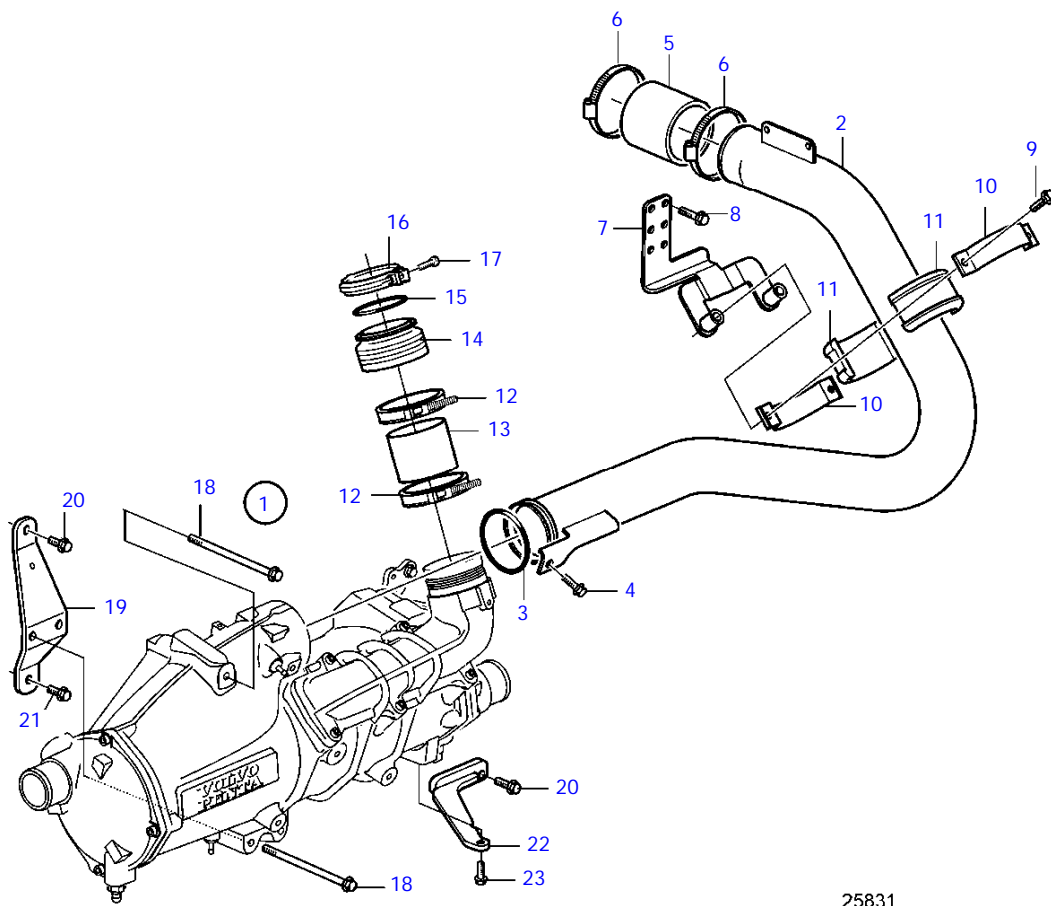
D11A-A, D11A-B, D11A-C, D11A-D



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                 | NOTES  |
|-----|----------|-----|-----------------------------|--------|
| 1   | 3801102  | 1   | Coolant pump                |        |
|     |          |     | * parts not sold separately |        |
| 2   | 959229   | 6   | Hex. socket screw           |        |
| 3   | 8131097  | 1   | Sealing ring                |        |
| 4   | 946441   | 2   | Flange screw                | L=20mm |
| 5   | 946472   | 6   | Flange screw                | L=30mm |
| 6   | 3808593  | 1   | Coolant pump housing        |        |
| 7   | 3583822  | 1   | Draining nipple             |        |
| 8   | 977508   | 1   | Hose nipple                 |        |
| 9   | 20430678 | 1   | Sealing ring                |        |
| 10  | 3836307  | 1   | Coolant pipe                |        |
| 11  | 975675   | 2   | O-ring                      |        |
| 12  | 981763   | 1   | Plug                        |        |
| 13  | 965184   | 2   | Flange screw                |        |
| 14  | 21244966 | 1   | Coolant pipe                |        |
| 15  | 1547253  | 1   | Sealing ring                |        |
| 16  | 1547252  | 1   | Sealing ring                |        |
| 17  | 1546531  | 2   | Lock brace                  |        |
| 18  | 946440   | 2   | Flange screw                |        |
| 19  | 3886496  | 1   | Coolant pipe                |        |
| 20  | 982365   | 1   | Plug                        |        |
| 21  | 3886782  | 1   | Bracket                     |        |
| 22  | 945408   | 1   | Flange nut                  |        |
| 23  | 20714050 | 1   | Stud                        |        |
| 24  | 946440   | 1   | Flange screw                |        |
| 25  | 20451178 | 1   | Connection pipe             |        |
| 26  | 1547254  | 2   | Sealing ring                |        |
| 27  | 20555313 | 1   | Connection pipe             |        |
| 28  | 20479636 | 1   | Sealing strip               |        |
| 29  | 1547252  | 1   | Sealing ring                |        |
| 30  | 20845995 | 1   | Plug                        |        |
| 31  | 973924   | 5   | Flange screw                |        |
| 32  | 3886500  | 1   | Coolant pipe                |        |
| 33  | 946173   | 2   | Flange screw                |        |
| 34  | 1547253  | 1   | Sealing ring                |        |
| 35  | 864491   | 1   | Gasket                      |        |
| 36  | 1546531  | 2   | Lock brace                  |        |
| 37  | 946440   | 2   | Flange screw                |        |
| 38  | 947457   | 2   | Clamp                       |        |
| 39  | 967949   | 2   | Flange screw                |        |
| 40  | 3588673  | 1   | Cover                       |        |
| 41  | 21412647 | 1   | Thermostat                  | 76°C   |
| 42  | 946173   | 4   | Flange screw                |        |
| 43  | 3836309  | 1   | Coolant pipe                |        |
| 44  | 1547253  | 1   | Sealing ring                |        |
| 45  | 864491   | 1   | Gasket                      |        |
| 46  | 946173   | 2   | Flange screw                |        |
| 47  | 3812353  | 1   | Nipple                      |        |
| 48  | 3583822  | 1   | Draining nipple             |        |
| 49  | 946471   | 1   | Flange screw                |        |

D11A-A, D11A-B, D11A-C, D11A-D

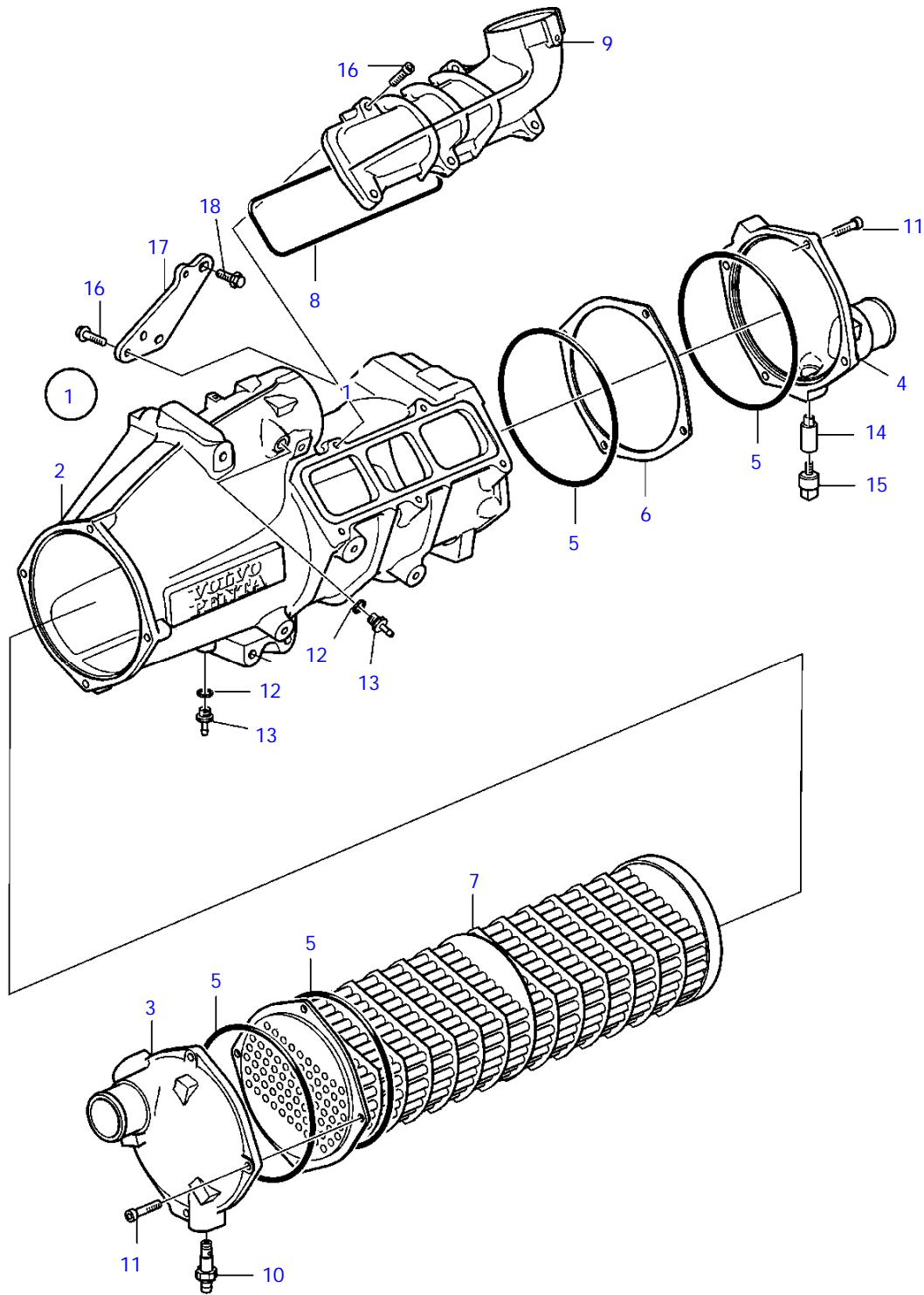


25831

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION       | SEE SEC. | NOTES   |
|-----|----------|-----|-------------------|----------|---------|
| 1   | 21274971 | 1   | Intercooler       |          |         |
|     |          |     | *                 | 36746    |         |
| 2   | 21113456 | 1   | Charge air pipe   |          |         |
| 3   | 1542783  | 1   | O-ring            |          |         |
| 4   | 946173   | 1   | Flange screw      |          |         |
| 5   | 943952   | 1   | Hose              |          |         |
| 6   | 943482   | 2   | Hose clamp        |          |         |
| 7   | 21324371 | 1   | Bracket           |          | For IPS |
| 8   | 947760   | 4   | Flange screw      |          | For IPS |
| 9   | 973924   | 2   | Flange screw      |          | For IPS |
| 10  | 1674206  | 1   | Half clamp        |          | For IPS |
| 11  | 21324378 | 1   | Bushing           |          | For IPS |
| 12  | 1544731  | 2   | Hose clamp        |          |         |
| 13  | 470327   | 1   | Hose              |          |         |
| 14  | 21274919 | 1   | Flange connection |          |         |
| 15  | 1542781  | 1   | Sealing ring      |          |         |
| 16  | 1542778  | 1   | V-band clamp      |          |         |
| 17  | 949335   | 1   | Hexagon screw     |          |         |
| 18  | 973098   | 3   | Flange screw      |          |         |
| 19  |          | 1   | Bracket           |          |         |
| 20  | 945444   | 2   | Flange screw      |          |         |
| 21  | 946329   | 1   | Flange screw      |          |         |
| 22  | 3595213  | 1   | Bracket           |          |         |
| 23  | 959238   |     | Hex. socket screw |          |         |

D11A-A, D11A-B, D11A-C, D11A-D

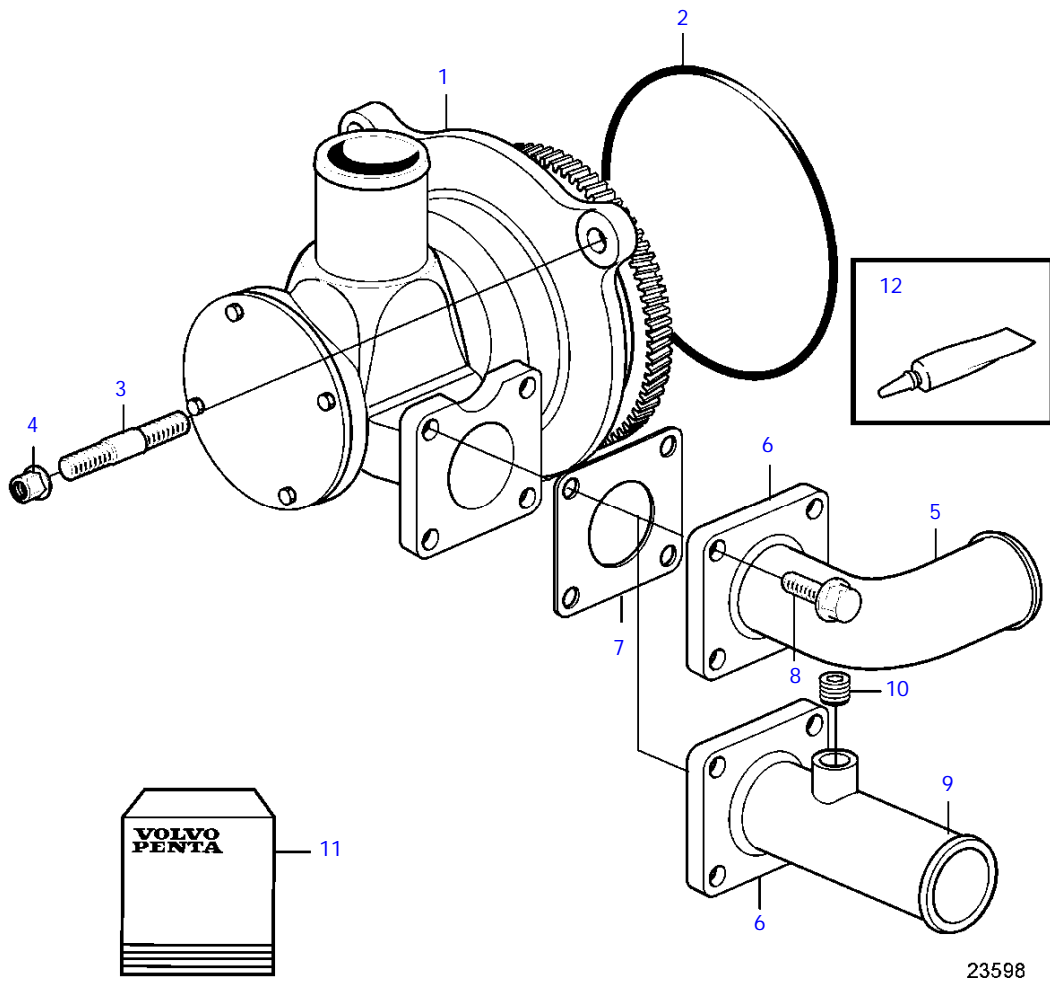


25823

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION       |
|-----|----------|-----|-------------------|
| 1   | 21274971 | 1   | Intercooler       |
| 2   |          | 1   | * Housing         |
| 3   | 3887709  | 1   | * End cover       |
| 4   | 3887708  | 1   | * End cover       |
| 5   | 3826783  | 4   | * O-ring          |
| 6   | 3826782  | 1   | * Spacer          |
| 7   | 3887711  | 1   | * Heater          |
| 8   | 3887712  | 1   | * O-ring          |
| 9   |          | 1   | * Inlet pipe      |
| 10  | 3583822  | 1   | * Draining nipple |
| 11  | 3838337  | 8   | * Screw           |
| 12  | 947282   | 2   | * Gasket          |
| 13  | 3889545  | 2   | * Nipple          |
| 14  | 838929   | 1   | * Anode           |
| 15  | 838928   | 1   | * Plug            |
| 16  | 946671   | 8   | * Flange screw    |
| 17  |          | 1   | * Bracket         |
| 18  | 946329   | 1   | Flange screw      |

D11A-C, D11A-D



D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION     | SEE SEC. | NOTES |
|-----|----------|-----|-----------------|----------|-------|
| 1   | 21219723 | 1   | Sea water pump  |          |       |
|     |          |     | *               | 35883    |       |
| 2   | 949735   | 1   | O-ring          |          |       |
| 3   | 953098   | 3   | Stud            |          |       |
| 4   | 971096   | 3   | Flange nut      |          |       |
| 5   | 848596   | 1   | Hose attachment |          |       |
| 6   | 842029   | 1   | Flange          |          |       |
| 7   | 3888837  | 1   | Gasket          |          |       |
| 8   | 946441   | 4   | Flange screw    |          |       |
| 9   | 3843164  | 1   | Pipe            |          | KC    |
| 10  | 968063   | 1   | * Plug          |          | M16   |
| 11  | 21430184 | 1   | Impeller kit    |          |       |
|     |          | 1   | * Impeller      |          |       |
|     | 3587885  | 1   | * O-ring        |          |       |
| 12  | 3862178  | 1   | Grease          |          |       |

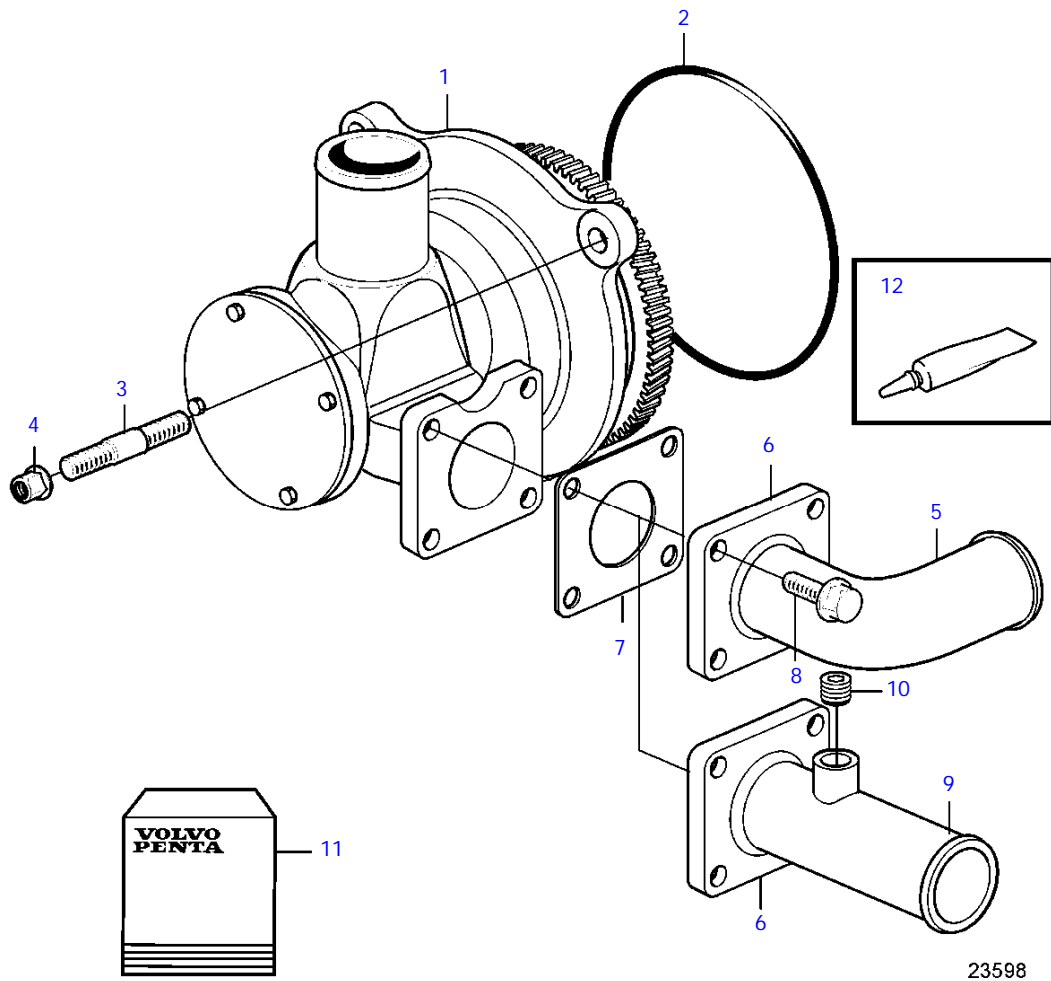




D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION            | NOTES         |
|-----|----------|-----|------------------------|---------------|
| 1   | 21219723 | 1   | Sea water pump         |               |
| 2   |          | 1   | * Housing              |               |
| 3   |          | 1   | * Adapter              |               |
| 4   | 3587886  | 1   | * Hexagon nut          |               |
| 5   | 941914   | 1   | * Spring washer        | Obsolete part |
| 6   | 3161258  | 1   | * Gear                 |               |
| 7   |          | 1   | * Shaft                |               |
| 8   | 812953   | 1   | * Lock ring            |               |
| 9   | 3587881  | 1   | * Bearing              |               |
| 10  | 812951   | 1   | * Lock ring            |               |
| 11  | 3587882  | 1   | * Sealing              |               |
| 12  | 3583614  | 1   | * O-ring               |               |
| 13  | 21277478 | 1   | * Cross recessed screw |               |
| 14  | 3829315  | 1   | * Sealing ring         |               |
| 15  | 812964   | 1   | * Deflector ring       |               |
| 16  | 3817937  | 1   | * Pivot pin            |               |
| 17  | 826230   | 1   | * Wear washer          |               |
| 18  | 21277458 | 1   | * Cam                  |               |
| 19  | 21430184 | 1   | * Impeller kit         |               |
| 20  | 925259   | 1   | * * O-ring             |               |
| 21  |          | 1   | * * Impeller           |               |
| 22  | 812966   | 1   | * * Spline seal        |               |
| 23  | 3829314  | 1   | * * Gasket             |               |
| 24  |          | 1   | * Cover                |               |
| 25  | 3583604  | 5   | * Hexagon screw        |               |
| 26  | 925259   | 1   | * O-ring               |               |
| 27  | 3862178  | 1   | Grease                 |               |

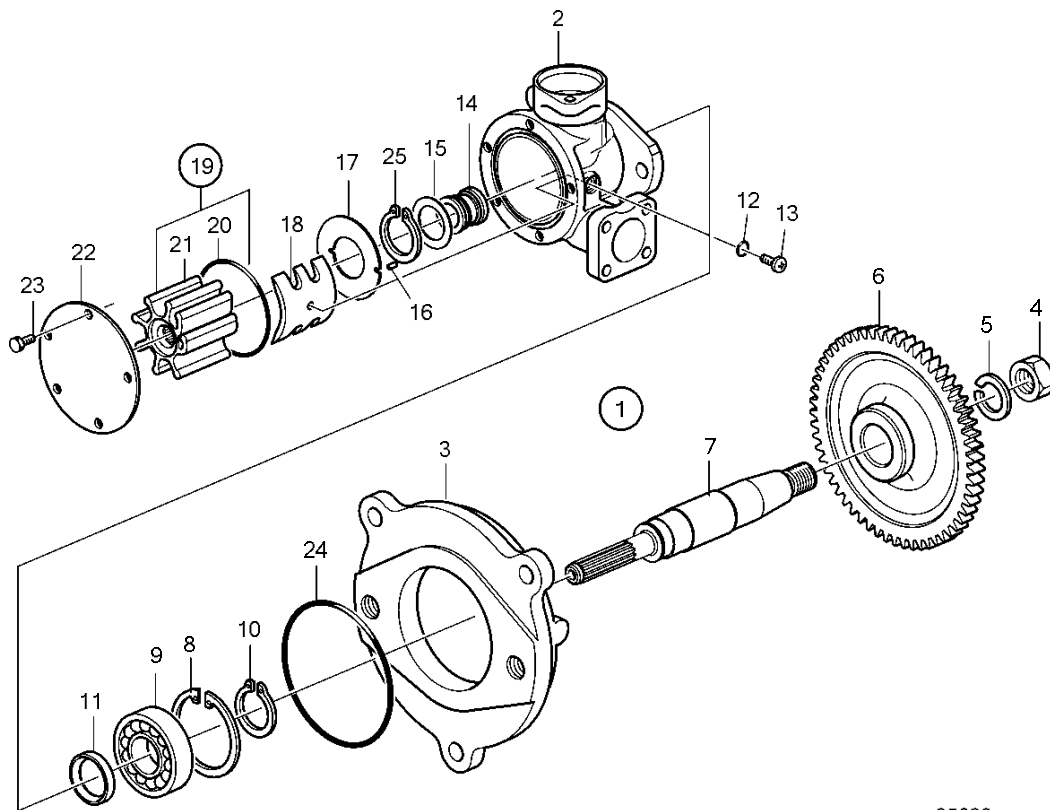
D11A-A, D11A-B, D11A-C, D11A-D



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION     | SEE SEC. | NOTES         |
|-----|-----------|-----|-----------------|----------|---------------|
| 1   | 21380886  | 1   | Sea water pump  |          |               |
|     |           |     | *               | 35924    |               |
| 2   | 949735    | 1   | O-ring          |          |               |
| 3   | 953098    | 3   | Stud            |          |               |
| 4   | 971096    | 3   | Flange nut      |          |               |
| 5   | 3828559   | 1   | Hose attachment |          |               |
| 6   | 842029    | 1   | Flange          |          |               |
| 7   | 3888837   | 1   | Gasket          |          |               |
| 8   | 946441    | 4   | Flange screw    |          |               |
| 9   | 3843164   | 1   | Pipe            |          | KC            |
| 10  | 968063    | 1   | * Plug          |          | M16           |
| 11  | 3817587   | 1   | Impeller kit    |          |               |
|     | (3819486) | 1   | * Impeller      |          | Obsolete part |
|     | 3587885   | 1   | * O-ring        |          |               |
| 12  | 3862178   | 1   | Grease          |          |               |

D11A-A, D11A-B, D11A-C, D11A-D

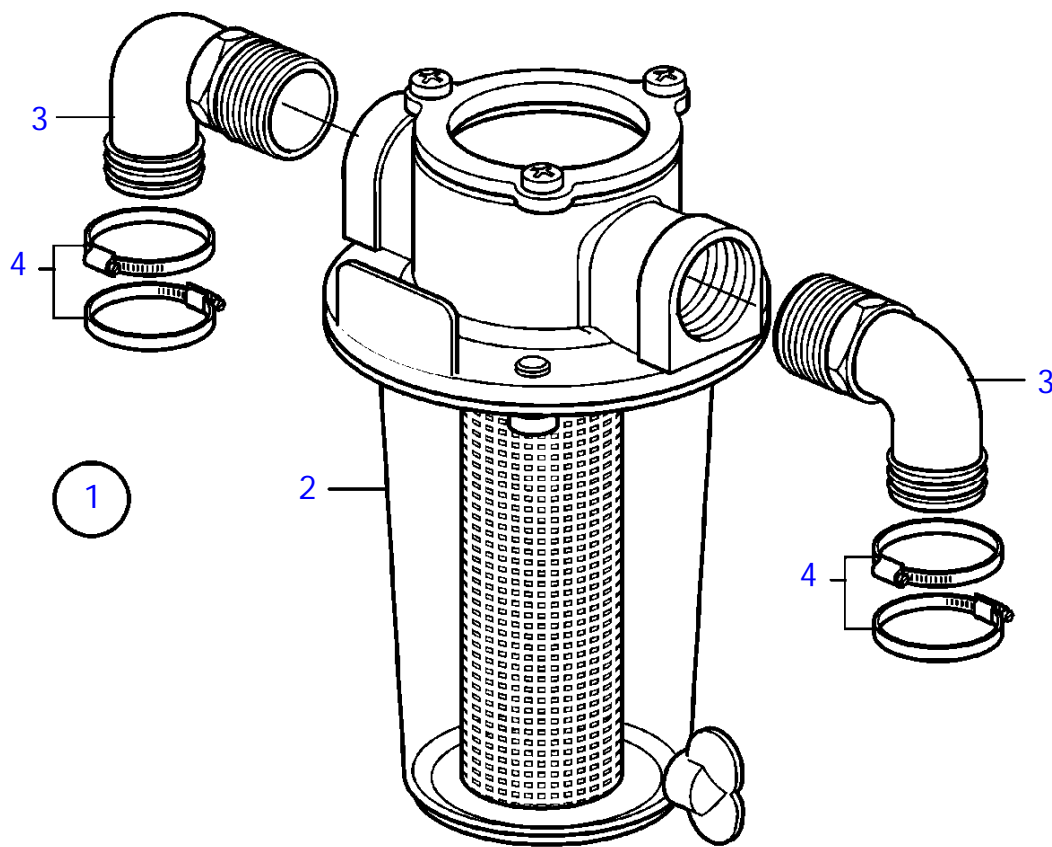


25022

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION     | NOTES         |
|-----|-----------|-----|-----------------|---------------|
| 1   | 21380886  | 1   | Sea water pump  |               |
| 2   |           | 1   | * Pump housing  |               |
| 3   |           | 1   | * Adapter       |               |
| 4   | 3587886   | 1   | * Hexagon nut   |               |
| 5   | 941914    | 1   | * Spring washer | Obsolete part |
| 6   | 3161258   | 1   | * Gear          |               |
| 7   | 21380884  | 1   | * Shaft         |               |
| 8   | 812953    | 1   | * Lock ring     |               |
| 9   | 3587881   | 1   | * Bearing       |               |
| 10  | 812951    | 1   | * Lock ring     |               |
| 11  | 3587882   | 1   | * Sealing       |               |
| 12  | 3583614   | 1   | * O-ring        |               |
| 13  | 3583605   | 1   | * Hexagon screw |               |
| 14  | 3583609   | 1   | * Sealing       |               |
| 15  | 888388    | 1   | * Washer        |               |
| 16  | 888387    | 1   | * Pin           |               |
| 17  | 807589    | 1   | * Wear washer   |               |
| 18  | 3583603   | 1   | * Cam           |               |
| 19  | 3817587   | 1   | * Impeller kit  |               |
| 20  | 3587885   | 1   | * * O-ring      |               |
| 21  | (3819486) | 1   | * * Impeller    | Obsolete part |
| 22  | 3587879   | 1   | * End cover     |               |
| 23  | 3583605   | 4   | * Hexagon screw |               |
| 24  | 925259    | 1   | * O-ring        |               |
| 25  | 809444    | 1   | Lock ring       |               |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



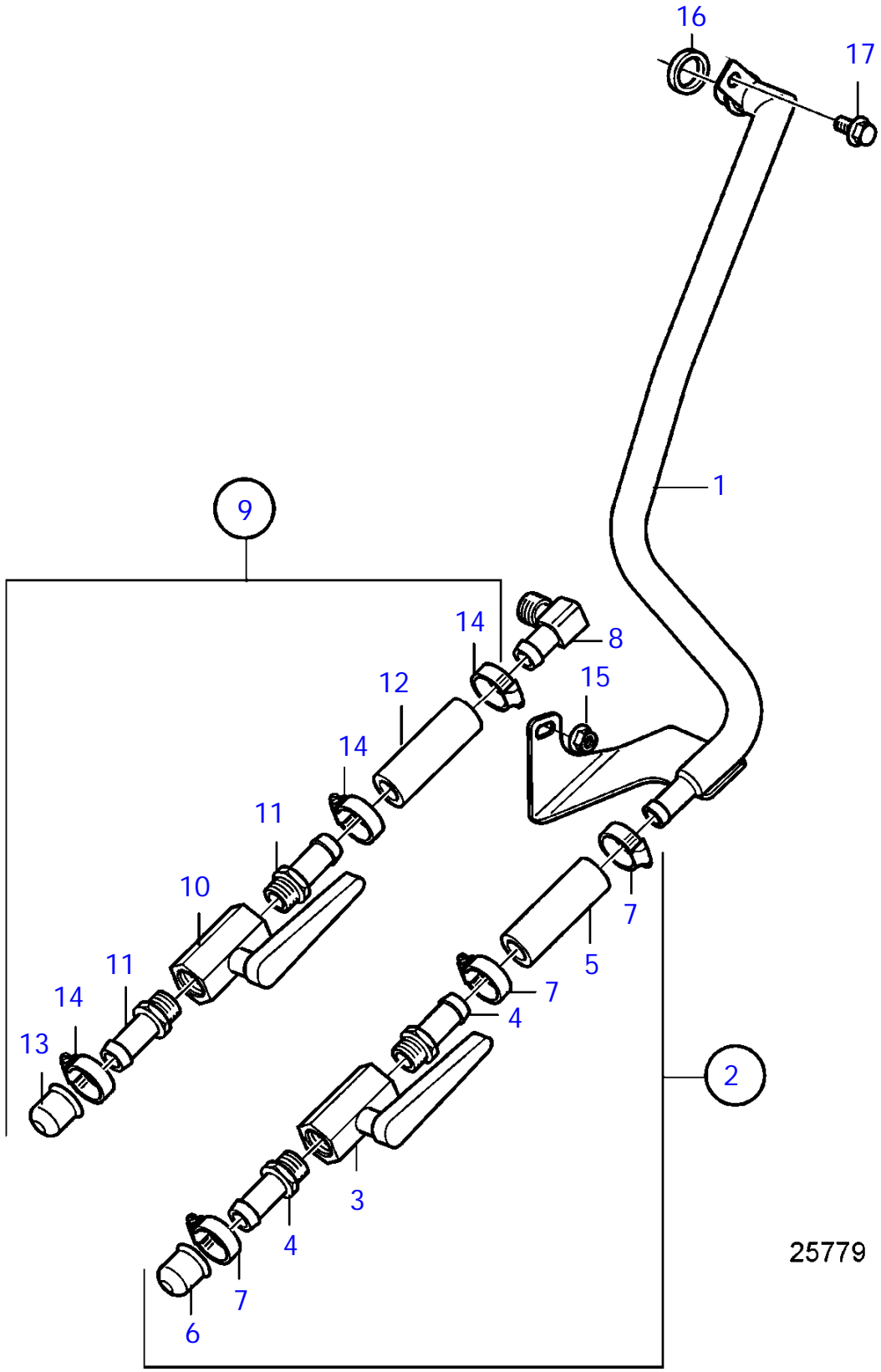
25777

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION        |
|-----|----------|-----|--------------------|
| 1   |          | 1   | Sea water filter   |
| 2   | 21298782 | 1   | • Sea water filter |
| 3   | 21298806 | 2   | • Hose connection  |
| 4   | 961673   | 4   | • Hose clamp       |



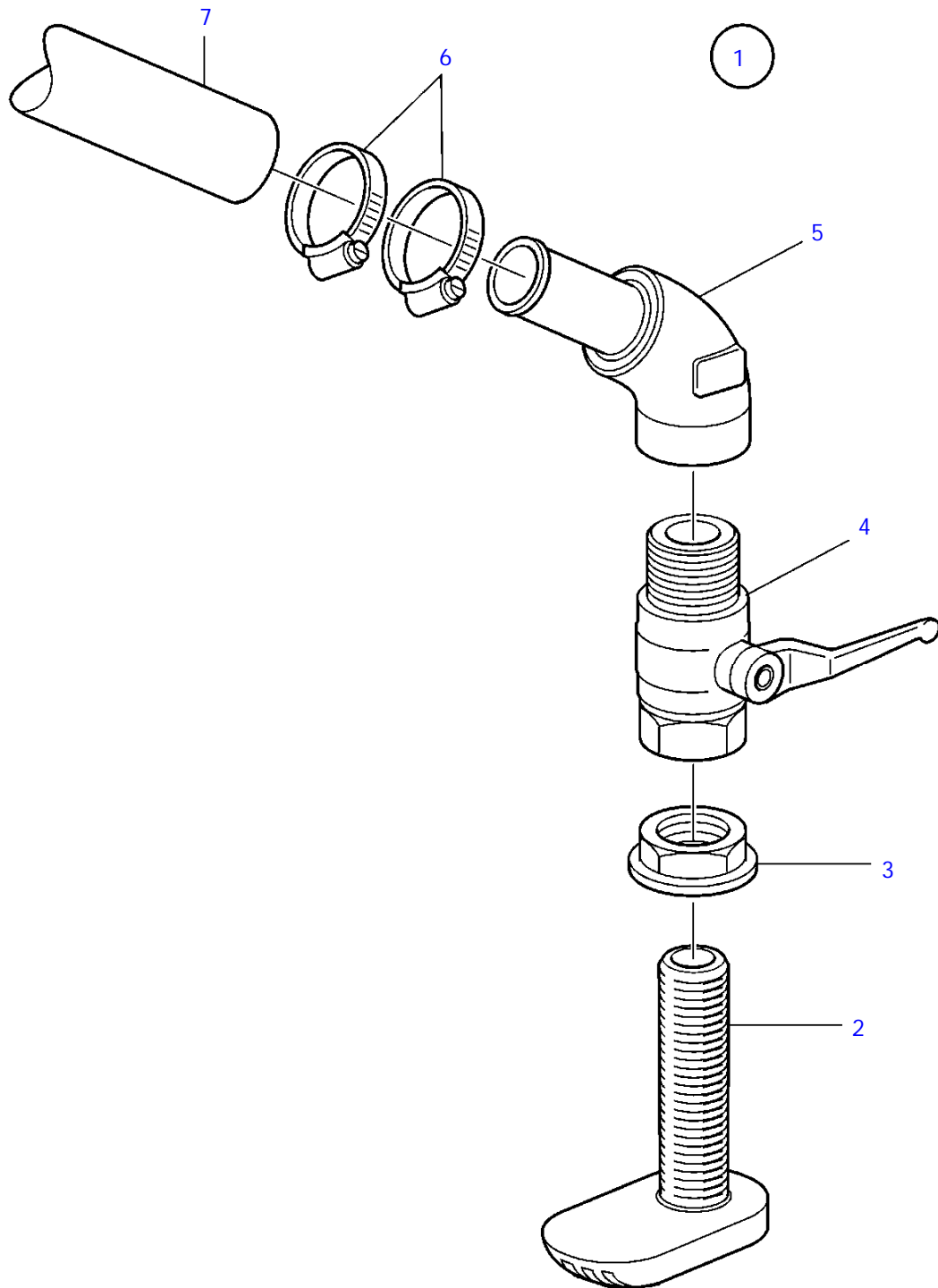
D11A-A, D11A-B, D11A-C, D11A-D



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION       |
|-----|----------|-----|-------------------|
| 1   | 21277742 | 1   | Water outlet pipe |
| 2   | 21149299 | 2   | Valve             |
| 3   | 1140097  | 1   | * Ball valve      |
| 4   | 961657   | 2   | * Hose nipple     |
| 5   | 952969   | 1   | * Hose            |
| 6   | 842235   | 1   | * Cardboard tube  |
| 7   | 961665   | 3   | * Hose clamp      |
| 8   | 992927   | 1   | * Hose nipple     |
| 9   | 21149299 | 1   | Valve             |
| 10  | 1140097  | 1   | * Ball valve      |
| 11  | 961657   | 2   | * Hose nipple     |
| 12  | 952969   | 1   | * Hose            |
| 13  | 842235   | 1   | * Cardboard tube  |
| 14  | 961665   | 3   | * Hose clamp      |
| 15  | 945408   | 1   | Flange nut        |
| 16  | 1547252  | 1   | Sealing ring      |
| 17  | 944926   | 1   | Flange screw      |

D11A-A, D11A-B, D11A-C, D11A-D

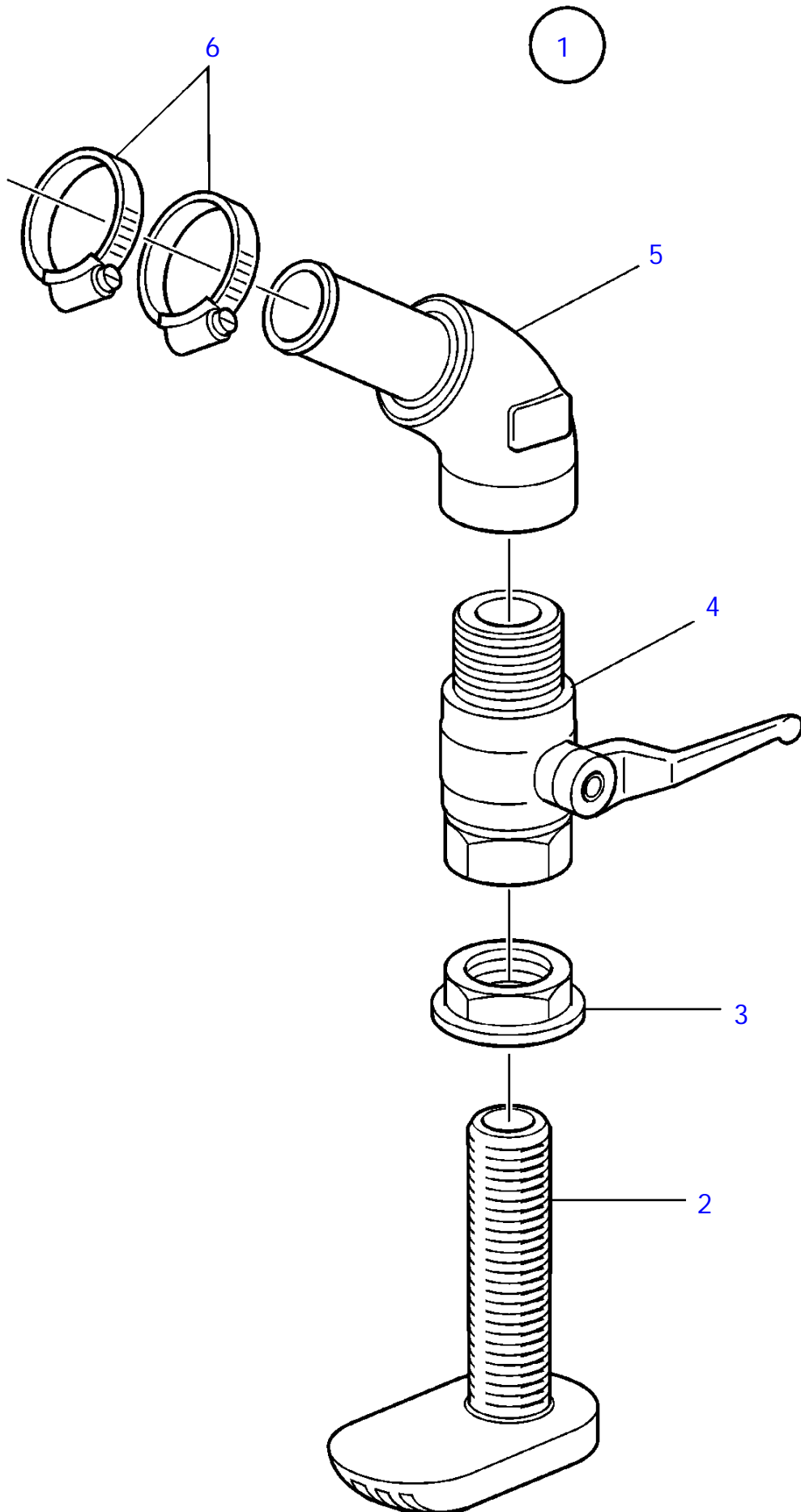


23617

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION         | NOTES   |
|-----|----------|-----|---------------------|---------|
| 1   | 1140127  | 1   | Cooling water inlet | D=50mm  |
| 2   | 848321   | 1   | • Strainer          |         |
| 3   | 848323   | 1   | • Flange nut        |         |
| 4   | 3837938  | 1   | • Ball valve        |         |
| 5   | 848420   | 1   | • Hose connection   |         |
| 6   | 961673   | 4   | • Hose clamp        |         |
| 7   | 848327   | X   | Hose                | ID=50mm |

D11A-C, D11A-D

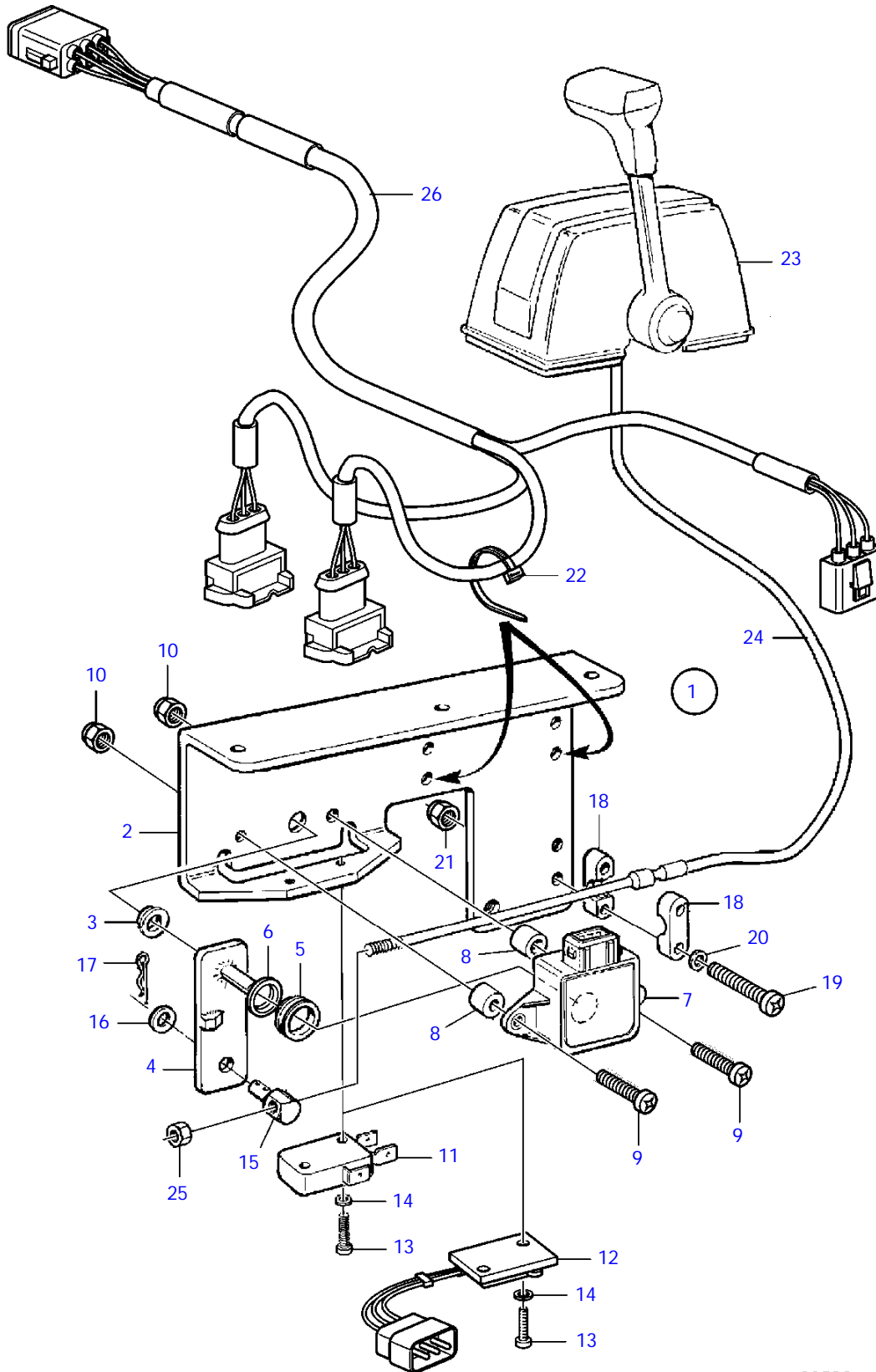


25780

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION         |
|-----|----------|-----|---------------------|
| 1   |          | 1   | Cooling water inlet |
| 2   | 848321   | 1   | • Strainer          |
| 3   | 848323   | 1   | • Flange nut        |
| 4   | 3837938  | 1   | • Ball valve        |
| 5   |          | 1   | • Hose connection   |
| 6   | 961673   | 4   | • Hose clamp        |

D11A-A, D11A-B, D11A-C, D11A-D



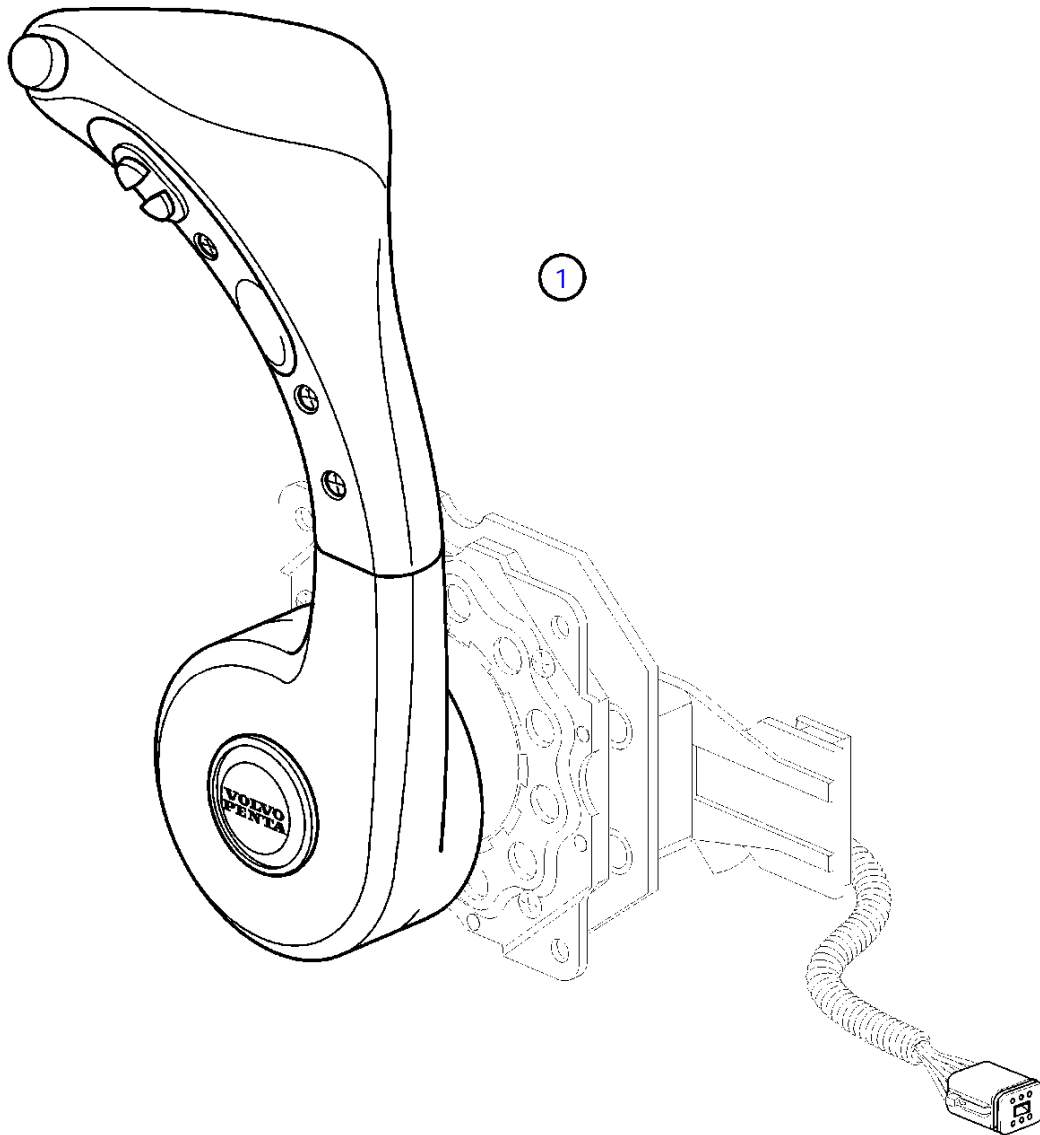
23520

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION            | SEE SEC. | NOTES      |
|-----|----------|-----|------------------------|----------|------------|
| 1   | 3842182  | 1   | Adapter                |          |            |
| 2   |          | 1   | * Bracket              |          |            |
| 3   | 3829680  | 1   | * Bushing              |          |            |
| 4   | 3825366  | 1   | * Intermediate lever   |          |            |
| 5   | 943342   | 1   | * Sealing ring         |          |            |
| 6   | 3829681  | 1   | * Washer               |          |            |
| 7   | 1336385  | 1   | * Potentiometer        |          |            |
| 8   | 3825525  | 2   | * Spacer sleeve        |          |            |
| 9   | 969518   | 2   | * 6 point socket screw |          | L=25mm     |
| 10  | 963103   | 2   | * Lock nut             |          |            |
| 11  | 850200   | 1   | * Toggle switch        |          | Early type |
| 12  | 3842171  | 1   | * Microswitch          |          | Late type  |
| 13  | 956049   | 2   | * Cross recessed screw |          |            |
| 14  | 955890   | 2   | * Washer               |          |            |
| 15  | 814082   | 1   | * Cube                 |          |            |
| 16  | 955892   | 1   | * Washer               |          |            |
| 17  | 664822   | 1   | * Split pin            |          |            |
| 18  | 850361   | 2   | * Cable attachment     |          |            |
| 19  | 956081   | 2   | * Cross recessed screw |          |            |
| 20  | 940090   | 2   | * Washer               |          |            |
| 21  | 949874   | 2   | * Flange lock nut      |          |            |
| 22  | 948211   | 2   | * Cable tie            |          |            |
| 23  |          | 1   | Control                |          |            |
| 24  |          | 1   | Control cable          | 231      |            |
| 25  |          | 1   | * Nut                  |          |            |
| 26  | 874676   | 1   | Cable kit              | 21877    |            |



D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



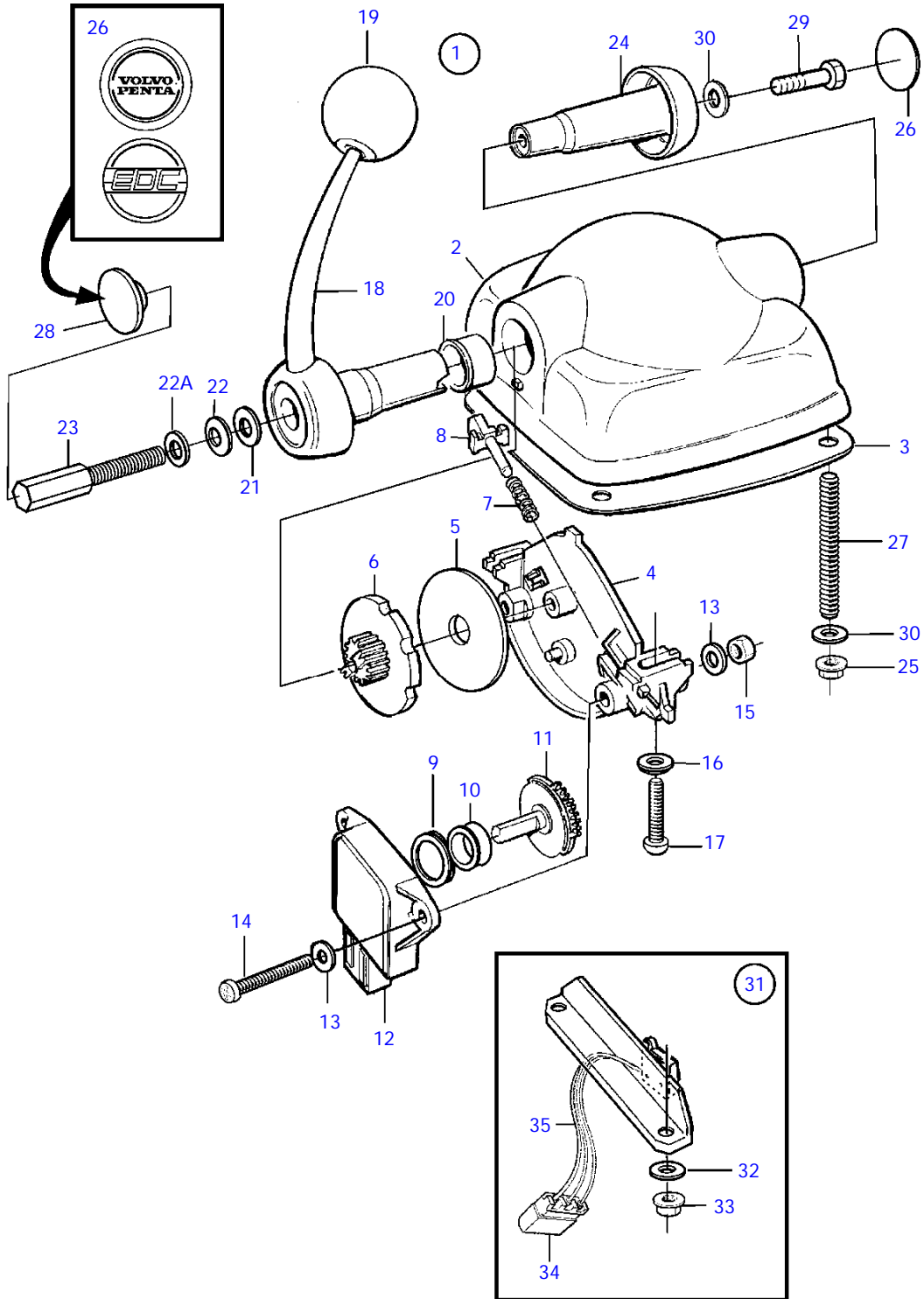
22003

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION                 |
|-----|----------|-----|-----------------------------|
| 1   | 3841449  | 1   | Kit                         |
|     |          |     | * parts not sold separately |



D11A-A, D11A-D

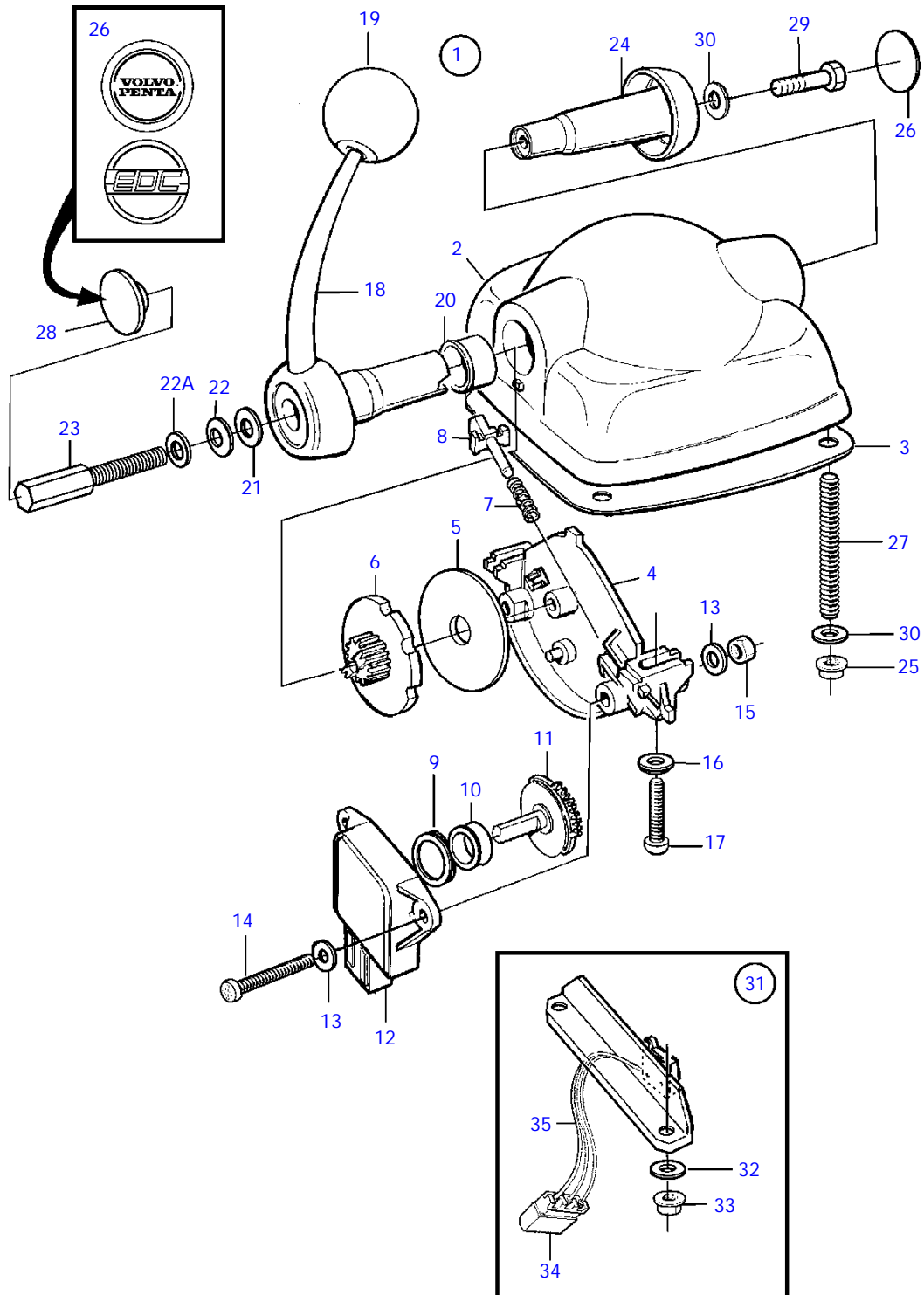


21948

D11A-A, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION       | NOTES                                       |
|-----|-----------|-----|-------------------|---|
| 1   | 874734    | 1   | Control           | For single installation., Black., (1140657) |
|     | 3807509   | 1   | Control           | For single installation., Stainless.        |
| 2   |           | 1   | * Housing         |   |
| 3   | 3581674   | 1   | * Gasket          |   |
| 4   |           | 1   | * Plate           |   |
| 5   | 3581666   | 1   | * Friction washer |   |
| 6   |           | 1   | * Disc            |   |
| 7   |           | 1   | * Spring          |   |
| 8   |           | 1   | * Guide lug       |   |
| 9   |           | 1   | * Spacer ring     |   |
| 10  | 3581676   | 1   | * Ring            |   |
| 11  | (3581668) | 1   | * Gear            | Obsolete part                               |
| 12  | 1336385   | 1   | * Potentiometer   |   |
| 13  |           | 4   | * Washer          |   |
| 14  | 3581678   | 2   | * Screw           |   |
| 15  | 3581680   | 2   | * Nut             |   |
| 16  |           | 2   | * Washer          |   |
| 17  | 3581681   | 2   | * Screw           |   |
| 18  |           | 1   | * Shift lever     |   |
| 19  | 3581675   | 1   | * Ball            |   |
| 20  | (3581673) | 1   | * Bearing         | Obsolete part                               |
| 21  |           | 1   | * Washer          |   |
| 22  |           | 1   | * Disc spring     |   |
| 22A |           | 1   | * Washer          |   |
| 23  |           | 1   | * Adjusting screw |   |
| 24  | 3581687   | 1   | * Plug            |   |
| 25  | 3581686   | 4   | * Nut             |   |
| 26  | 3584000   | 1   | * Decal           | Volvo Penta                                 |
|     | 3581669   | 1   | * Decal           | EDC   |
| 27  |           | 4   | * Stud            |   |
| 28  | 3582830   | 1   | * Plug            | Plastic, For 874734                         |
| 29  |           | 1   | * Plug            | Stainless., For 3807509                     |
|     |           | 1   | * Screw           |   |
| 30  |           | 5   | * Washer          |   |

D11A-A, D11A-D

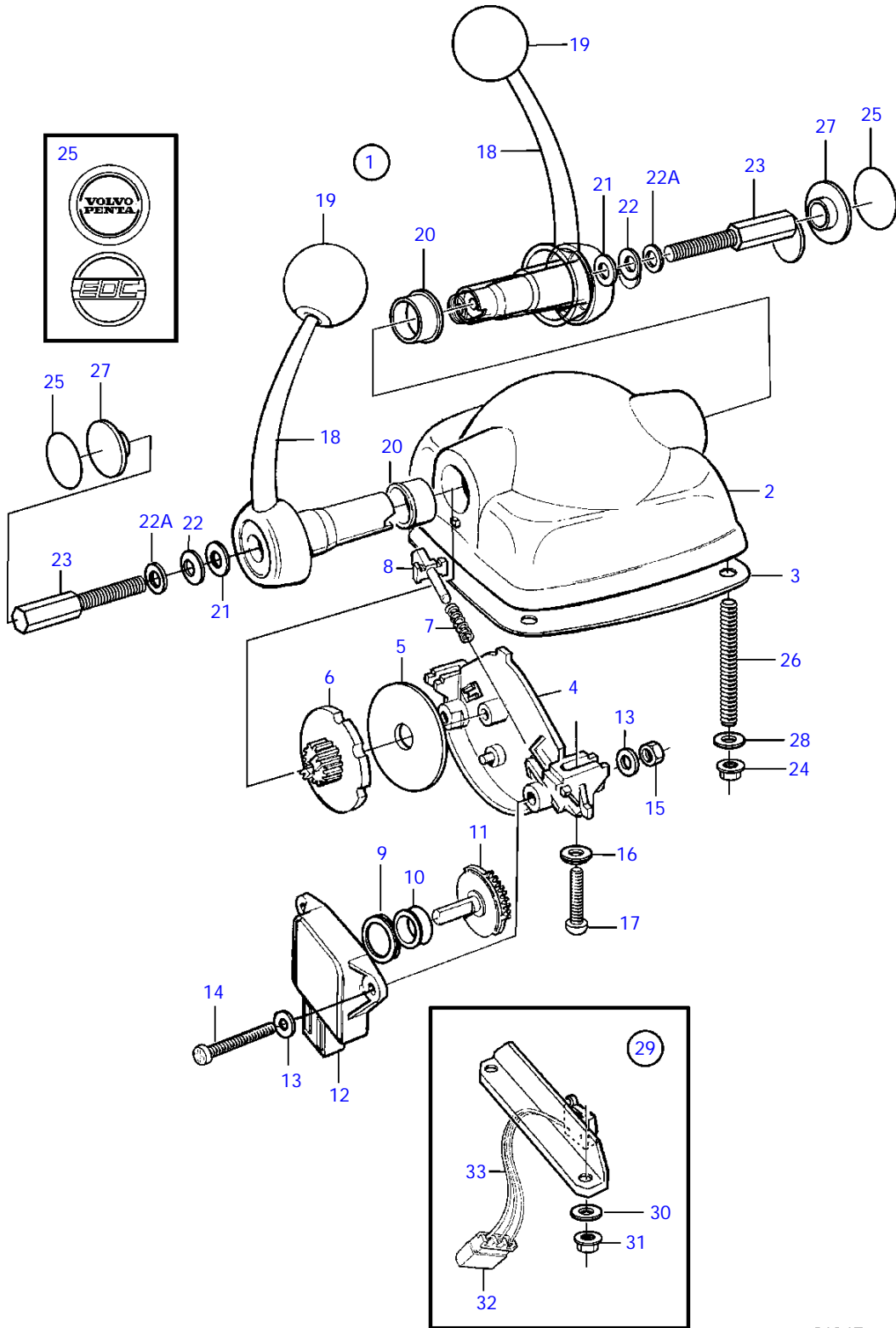


21948

D11A-A, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION        | SEE SEC.     | NOTES   |
|-----|-----------|-----|--------------------|--------------|---|
| 1   | 3819899   | 1   | Control            |              | For single installation., Black., With neutralswitch.     |
|     |           |     | Bulletin P-28-4-13 | P-28-4-13-EN | New Electronic Controls for EVC Engines                   |
| 1   | 3819901   | 1   | Control            |              | For single installation., Stainless., With neutralswitch. |
|     |           |     | Bulletin P-28-4-13 | P-28-4-13-EN | New Electronic Controls for EVC Engines                   |
| 2   |           | 1   | * Housing          |              |   |
| 3   | 3581674   | 1   | * Gasket           |              |   |
| 4   |           | 1   | * Plate            |              |   |
| 5   | 3581666   | 1   | * Friction washer  |              |   |
| 6   |           | 1   | * Disc             |              |   |
| 7   |           | 1   | * Spring           |              |   |
| 8   |           | 1   | * Guide lug        |              |   |
| 9   |           | 1   | * Spacer ring      |              |   |
| 10  | 3581676   | 1   | * Ring             |              |   |
| 11  | (3581668) | 1   | * Gear             |              | Obsolete part   |
| 12  | 1336385   | 1   | * Potentiometer    |              |   |
| 13  |           | 4   | * Washer           |              |   |
| 14  | 3581678   | 2   | * Screw            |              |   |
| 15  | 3581680   | 2   | * Nut              |              |   |
| 16  |           | 2   | * Washer           |              |   |
| 17  | 3581681   | 2   | * Screw            |              |   |
| 18  |           | 1   | * Shift lever      |              |   |
| 19  | 3581675   | 1   | * Ball             |              |   |
| 20  | (3581673) | 1   | * Bearing          |              | Obsolete part   |
| 21  |           | 1   | * Washer           |              |   |
| 22  |           | 1   | * Disc spring      |              |   |
| 22A |           | 1   | * Washer           |              |   |
| 23  |           | 1   | * Adjusting screw  |              |   |
| 24  | 3581687   | 1   | * Plug             |              |   |
| 25  | 3581686   | 4   | * Nut              |              |   |
| 26  | 3584000   | 1   | * Decal            |              | Volvo Penta   |
|     | 3581669   | 1   | * Decal            |              | EDC   |
| 27  |           | 4   | * Stud             |              |   |
| 28  | 3582830   | 1   | * Plug             |              | Plastic, For 874734                                       |
| 29  |           | 1   | * Plug             |              | Stainless., For 3807509                                   |
|     |           | 1   | * Screw            |              |   |
| 30  |           | 5   | * Washer           |              |   |
| 31  | 3818851   | 1   | * Microswitch      |              | (873870)  |
| 32  |           | 2   | * Washer           |              |   |
| 33  |           | 2   | * Nut              |              |   |
| 34  |           | X   | * Insulator        |              | See group 30  |
| 35  |           | X   | * Cable            |              | See group 30  |

D11A-A, D11A-D



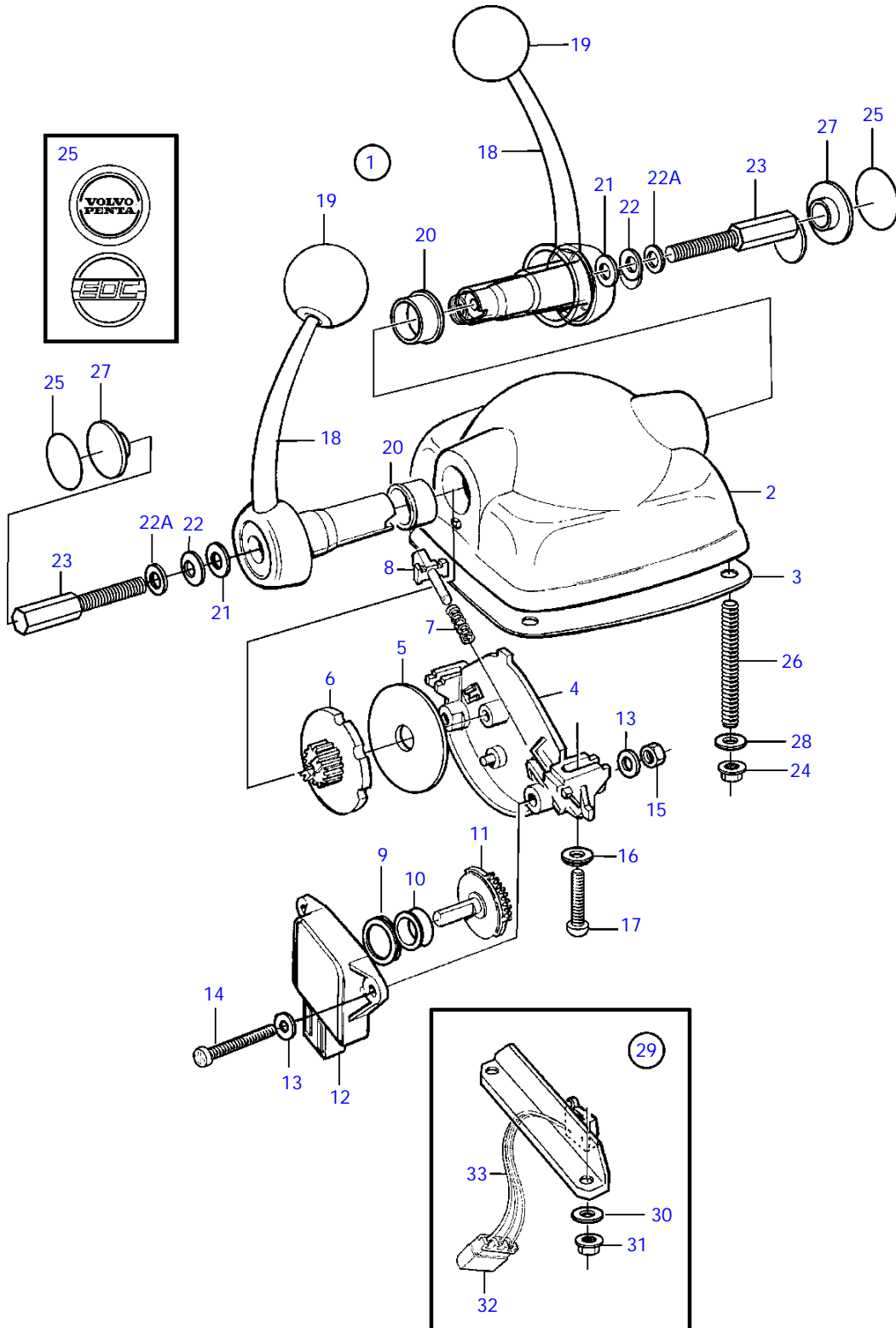
21947

D11A-A, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION       | SEE SEC. | NOTES                                     |
|-----|-----------|-----|-------------------|----------|---|
| 1   | 874663    | 1   | Control           |          | For twin installation., Black., (1140658) |
|     | 874813    | 1   | Control           |          | For twin installation., Stainless.        |
|     |           |     | * Bulletin 53-10  | 53-10-EN | Stainless Steel Controls                  |
| 2   |           | 1   | * Housing         |          |   |
| 3   | 3581674   | 1   | * Gasket          |          |   |
| 4   |           | 1   | * Plate           |          |   |
| 5   | 3581666   | 2   | * Friction washer |          |   |
| 6   |           | 2   | * Disc            |          |   |
| 7   |           | 2   | * Spring          |          |   |
| 8   |           | 2   | * Guide lug       |          |   |
| 9   |           | 2   | * Spacer ring     |          |   |
| 10  | 3581676   | 2   | * Ring            |          |   |
| 11  | (3581668) | 2   | * Gear            |          | Obsolete part                             |
| 12  | 1336385   | 2   | * Potentiometer   |          |   |
| 13  |           | 4   | * Washer          |          |   |
| 14  | 3581678   | 2   | * Screw           |          |   |
| 15  | 3581680   | 2   | * Nut             |          |   |
| 16  |           | 2   | * Washer          |          |   |
| 17  | 3581681   | 2   | * Screw           |          |   |
| 18  |           | 2   | * Shift lever     |          |   |
| 19  | 3581675   | 2   | * Ball            |          |   |
| 20  | (3581673) | 2   | * Bearing         |          | Obsolete part                             |
| 21  |           | 2   | * Washer          |          |   |
| 22  |           | 2   | * Disc spring     |          |   |
| 22A |           | 2   | * Washer          |          |   |
| 23  |           | 2   | * Adjusting screw |          |   |
| 24  | 3581686   | 4   | * Nut             |          |   |
| 25  | 3584000   | 2   | * Decal           |          | Volvo Penta                               |
|     | 3581669   | 2   | * Decal           |          | EDC                                       |
| 26  |           | 4   | * Stud            |          |   |
| 27  | 3582830   | 2   | * Plug            |          | Plastic, For 874663                       |
|     |           | 2   | * Plug            |          | Stainless., For 874813                    |
| 28  |           | 4   | * Washer          |          |   |



D11A-A, D11A-D

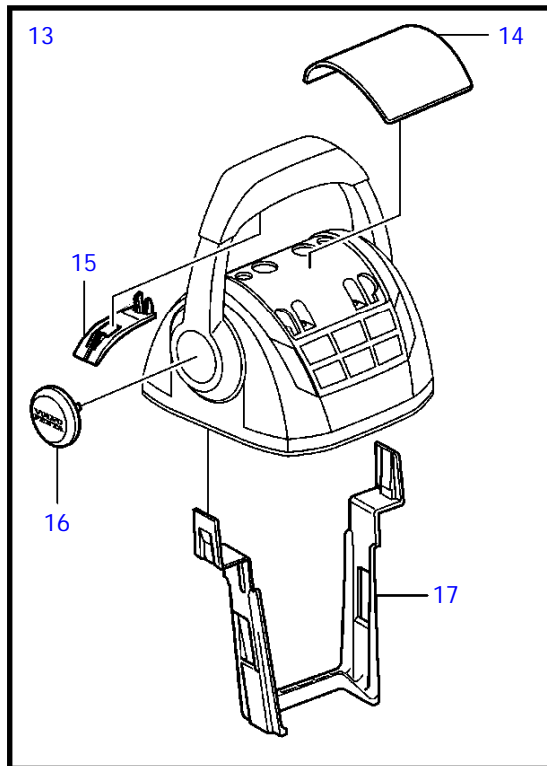
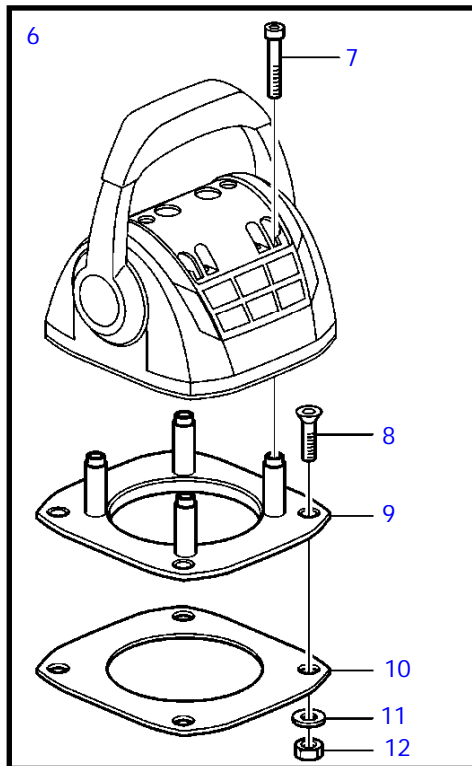
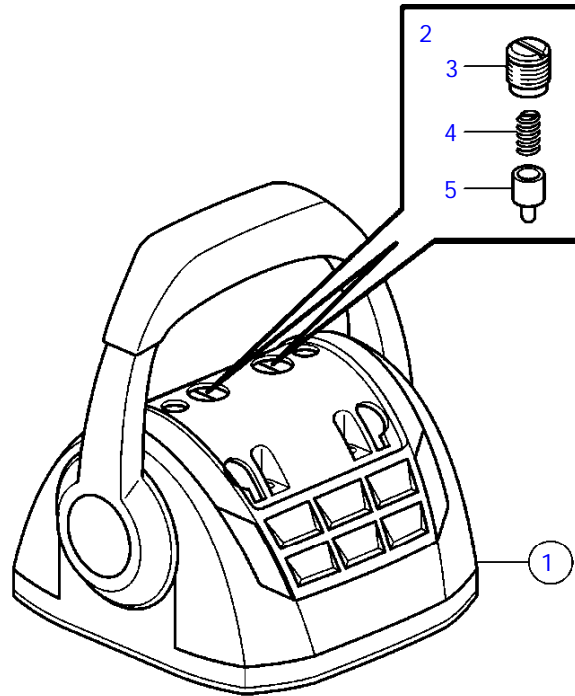


21947

D11A-A, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION        | SEE SEC.     | NOTES   |
|-----|-----------|-----|--------------------|--------------|---|
| 1   | 3819900   | 1   | Control            |              | For twin installation., Black., With neutralswitch.     |
|     |           |     | Bulletin P-28-4-13 | P-28-4-13-EN | New Electronic Controls for EVC Engines                 |
| 1   | 3819902   | 1   | Control            |              | For twin installation., Stainless., With neutralswitch. |
|     |           |     | Bulletin P-28-4-13 | P-28-4-13-EN | New Electronic Controls for EVC Engines                 |
| 2   |           | 1   | * Housing          |              |   |
| 3   | 3581674   | 1   | * Gasket           |              |   |
| 4   |           | 1   | * Plate            |              |   |
| 5   | 3581666   | 2   | * Friction washer  |              |   |
| 6   |           | 2   | * Disc             |              |   |
| 7   |           | 2   | * Spring           |              |   |
| 8   |           | 2   | * Guide lug        |              |   |
| 9   |           | 2   | * Spacer ring      |              |   |
| 10  | 3581676   | 2   | * Ring             |              |   |
| 11  | (3581668) | 2   | * Gear             |              | Obsolete part   |
| 12  | 1336385   | 2   | * Potentiometer    |              |   |
| 13  |           | 4   | * Washer           |              |   |
| 14  | 3581678   | 2   | * Screw            |              |   |
| 15  | 3581680   | 2   | * Nut              |              |   |
| 16  |           | 2   | * Washer           |              |   |
| 17  | 3581681   | 2   | * Screw            |              |   |
| 18  |           | 2   | * Shift lever      |              |   |
| 19  | 3581675   | 2   | * Ball             |              |   |
| 20  | (3581673) | 2   | * Bearing          |              | Obsolete part   |
| 21  |           | 2   | * Washer           |              |   |
| 22  |           | 2   | * Disc spring      |              |   |
| 22A |           | 2   | * Washer           |              |   |
| 23  |           | 2   | * Adjusting screw  |              |   |
| 24  | 3581686   | 4   | * Nut              |              |   |
| 25  | 3584000   | 2   | * Decal            |              | Volvo Penta   |
|     | 3581669   | 2   | * Decal            |              | EDC   |
| 26  |           | 4   | * Stud             |              |   |
| 27  | 3582830   | 2   | * Plug             |              | Plastic, For 874663                                     |
|     |           | 2   | * Plug             |              | Stainless., For 874813                                  |
| 28  |           | 4   | * Washer           |              |   |
| 29  | 3818851   | 2   | * Microswitch      |              | (873870)  |
| 30  |           | 4   | * Washer           |              |   |
| 31  |           | 4   | * Nut              |              |   |
| 32  |           | X   | * Insulator        |              | See group 30  |
| 33  |           | X   | * Cable            |              | See group 30  |

D11A-D

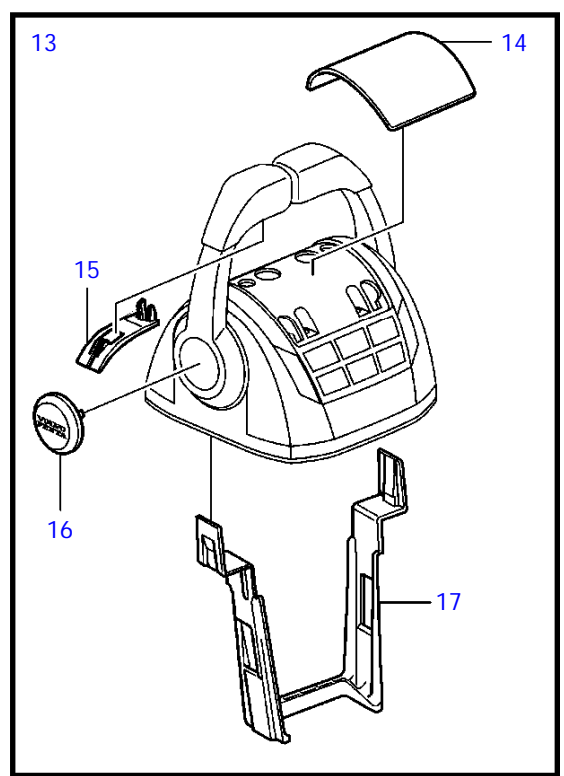
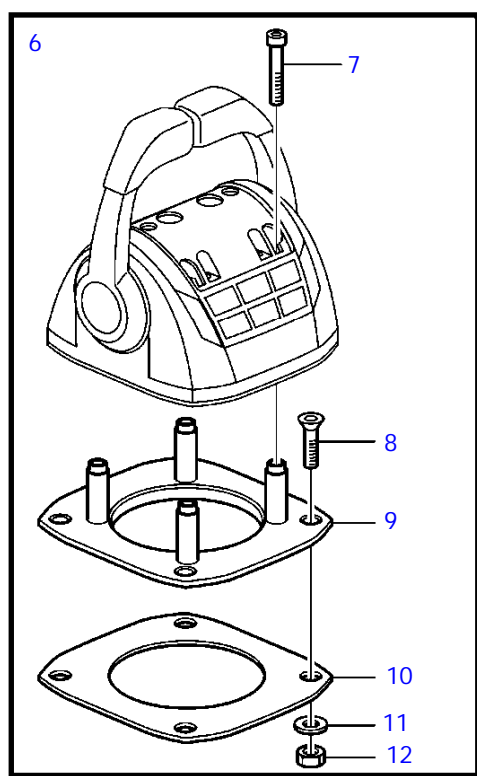
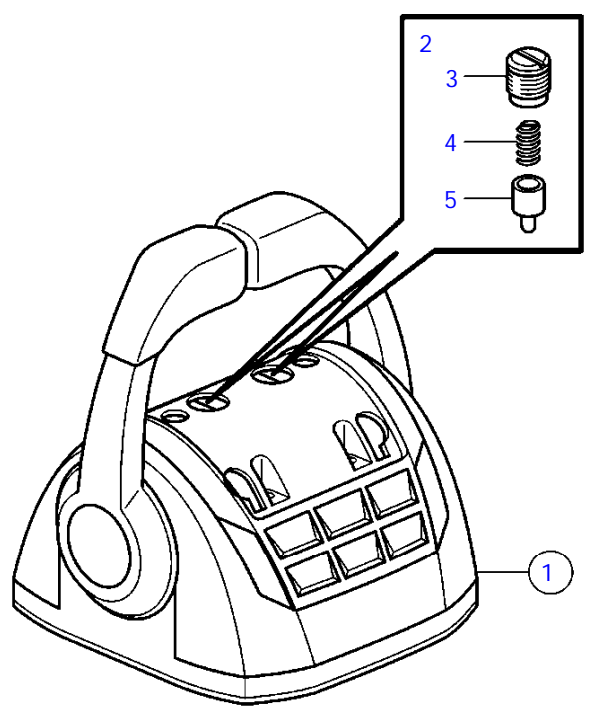


25269

D11A-D

| REF | PART NO.   | QTY | DESCRIPTION                        | NOTES   |
|-----|------------|-----|------------------------------------|---|
| 1   | 21275312   | 1   | Control lever                      |   |
|     | 3586259    | 1   | Software                           | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 3586261    | 1   | Software                           | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
| 2   | 21526920   | 1   | * Spare parts kit, position sensor |   |
| 3   |            | 1   | * * Tensioner                      | M14   |
| 4   |            | 1   | * * Spring                         |   |
| 5   |            | 1   | * * Pin                            |   |
| 6   | 21526948   | 1   | * Kit, mounting bracket            |   |
| 7   | 995042     | 4   | * * Hex. socket screw              |   |
| 8   | 994821     | 4   | * * Hex. socket screw              |   |
| 9   | (21461704) | 1   | * * Bracket                        | Obsolete part   |
| 10  |            | 1   | * * Gasket                         |   |
| 11  | 940275     | 4   | * * Washer                         |   |
| 12  | 984456     | 4   | * * Lock nut                       |   |
| 13  | 21527169   | 1   | * Kit, plastic parts               |   |
| 14  | (21461681) | 1   | * * Cover                          | Obsolete part   |
| 15  |            | 2   | * * Handle                         |   |
| 16  |            | 2   | * * Hub cap                        |   |
| 17  | 21461675   | 1   | Cable holder                       |   |

D11A-D

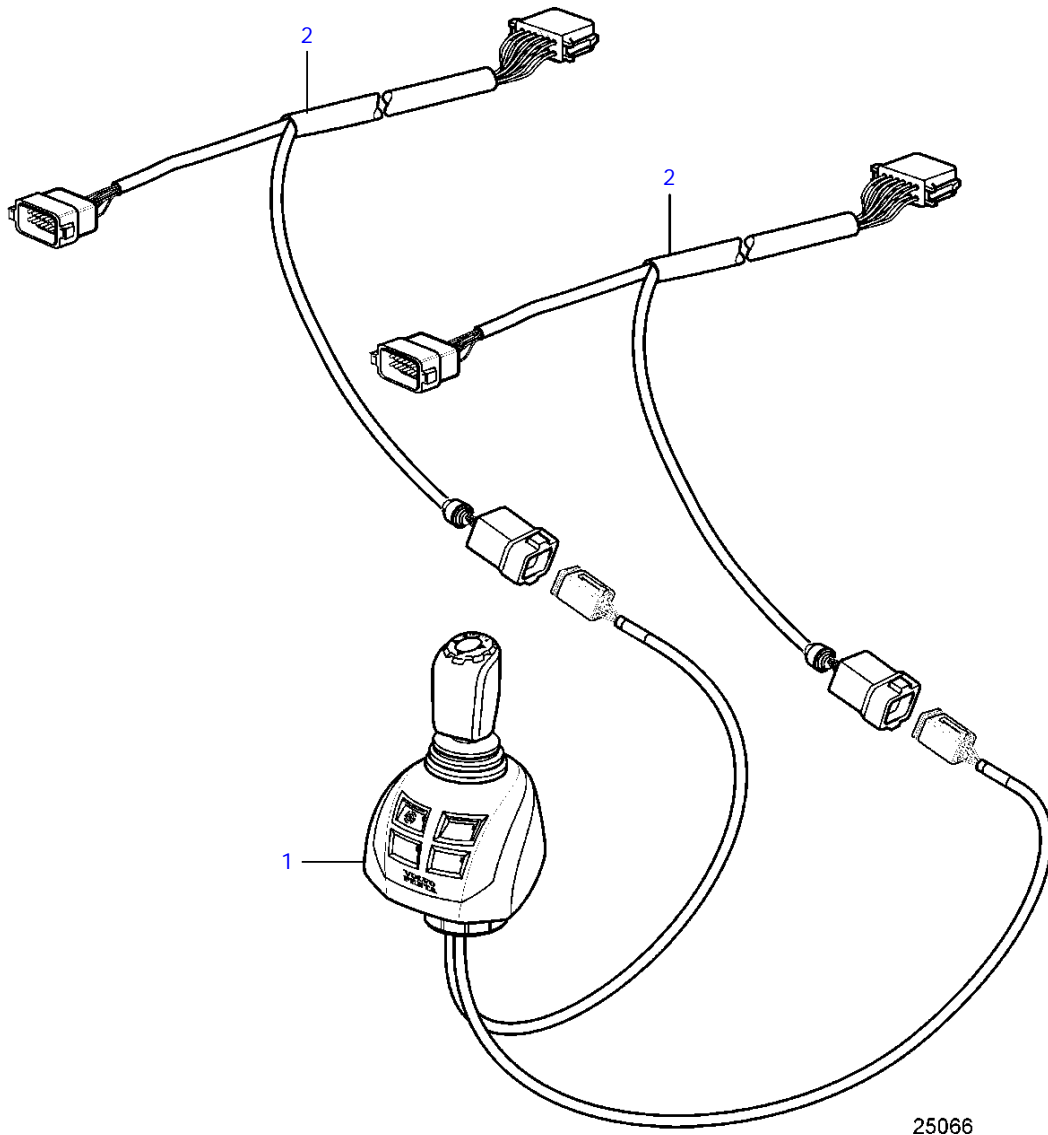


25270

D11A-D

| REF | PART NO.   | QTY | DESCRIPTION                        | NOTES   |
|-----|------------|-----|------------------------------------|---|
| 1   | 21275313   | 1   | Control lever                      |   |
|     | 3586259    | 2   | Software                           | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 3586261    | 2   | Software                           | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
| 2   | 21526920   | 1   | * Spare parts kit, position sensor |   |
| 3   |            | 1   | * • Tensioner                      | M14   |
| 4   |            | 1   | * • Spring                         |   |
| 5   |            | 1   | * • Pin                            |   |
| 6   | 21526948   | 1   | * Kit, mounting bracket            |   |
| 7   | 995042     | 4   | * • Hex. socket screw              |   |
| 8   | 994821     | 4   | * • Hex. socket screw              |   |
| 9   | (21461704) | 1   | * • Bracket                        | Obsolete part   |
| 10  |            | 1   | * • Gasket                         |   |
| 11  | 940275     | 4   | * • Washer                         |   |
| 12  | 984456     | 4   | * • Lock nut                       |   |
| 13  | 21527169   | 1   | * Kit, plastic parts               |   |
| 14  | (21461681) | 1   | * • Cover                          | Obsolete part   |
| 15  |            | 2   | * • Handle                         |   |
| 16  |            | 2   | * • Hub cap                        |   |
| 17  | 21461675   | 1   | Cable holder                       |   |

D11A-C, D11A-D



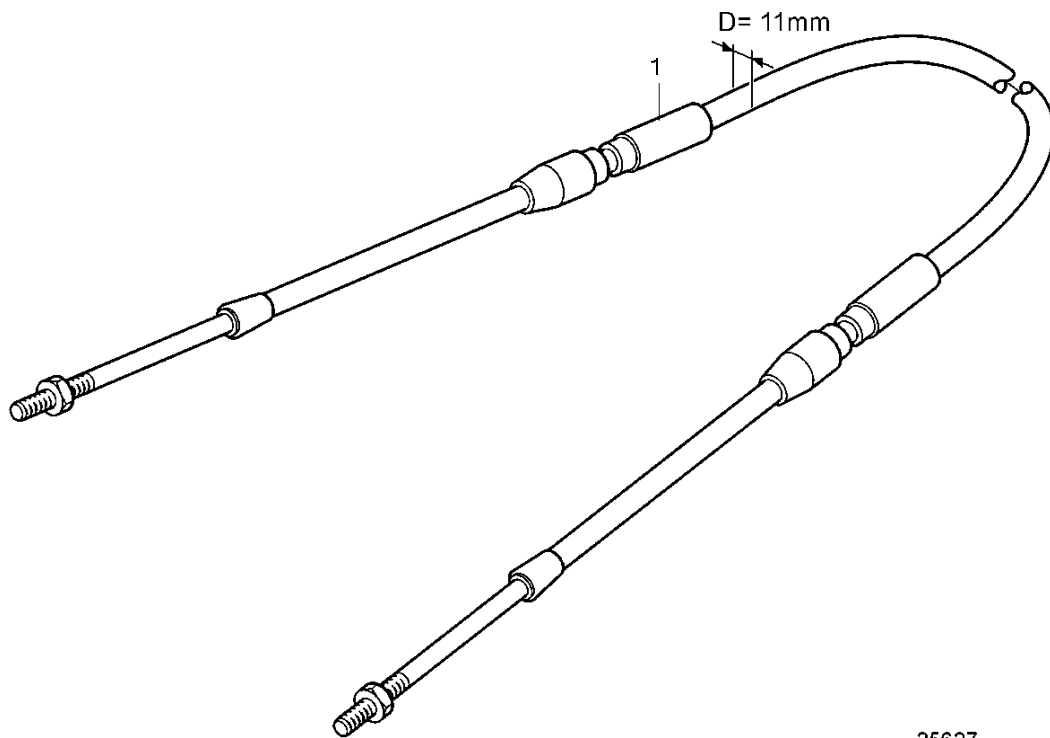
25066

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                                    |
|-----|----------|-----|--|
| 1   | 21469528 | 1   | Steering system<br>* parts not sold separately |
| 2   | 3885342  | 2   | Wiring harness                                 |



D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

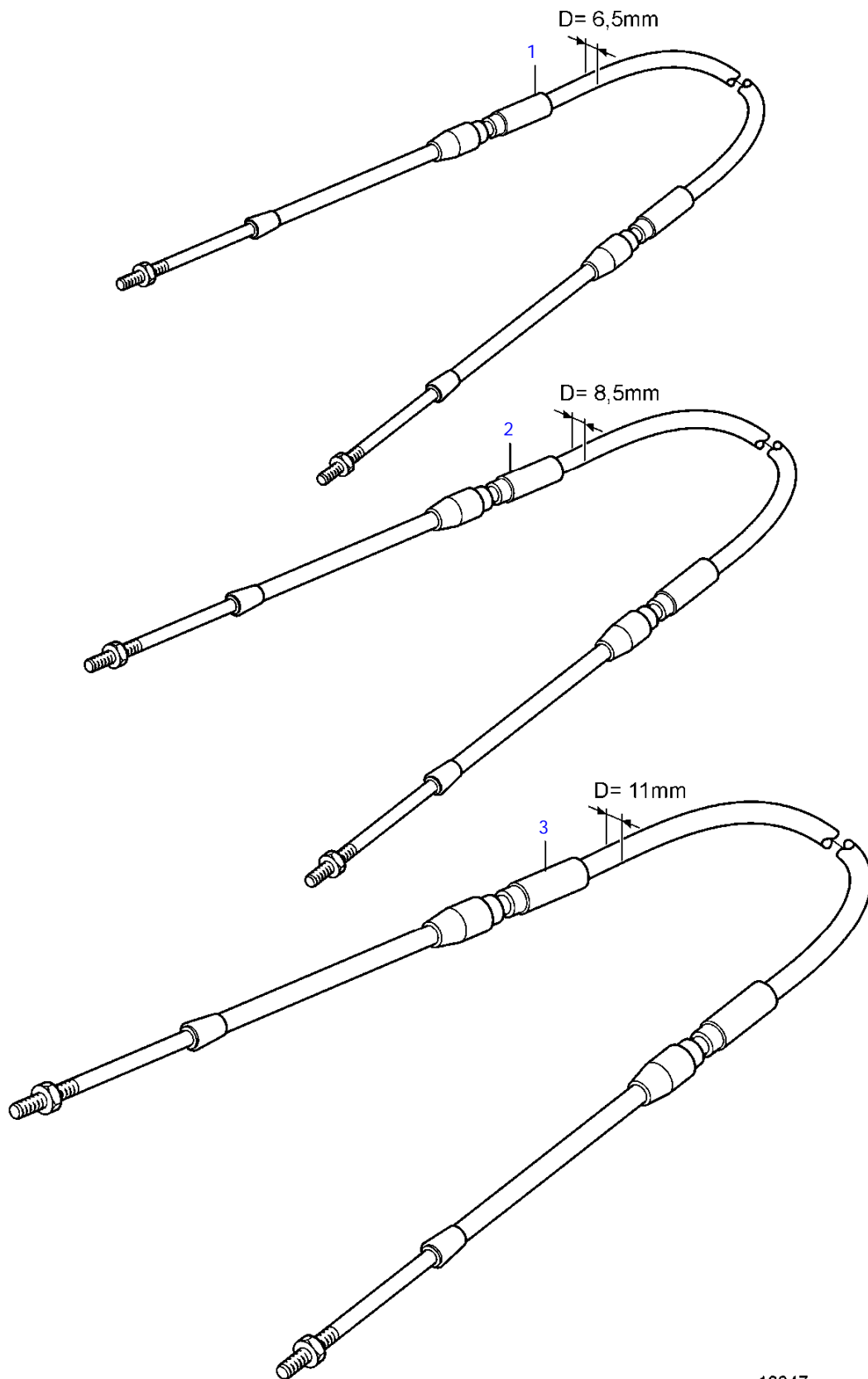


25627

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION   | NOTES          |
|-----|----------|-----|---------------|----------------|
| 1   | 21633515 | 1   | Control cable | 44ft, L=13.40m |
|     | 21633516 | 1   | Control cable | 45ft, L=13.70m |
|     | 21633517 | 1   | Control cable | 46ft, L=14.00m |
|     | 21633518 | 1   | Control cable | 47ft, L=14.30m |
|     | 21633519 | 1   | Control cable | 48ft, L=14.60m |
|     | 21633520 | 1   | Control cable | 49ft, L=14.90m |
|     | 21633521 | 1   | Control cable | 50ft, L=15.20m |

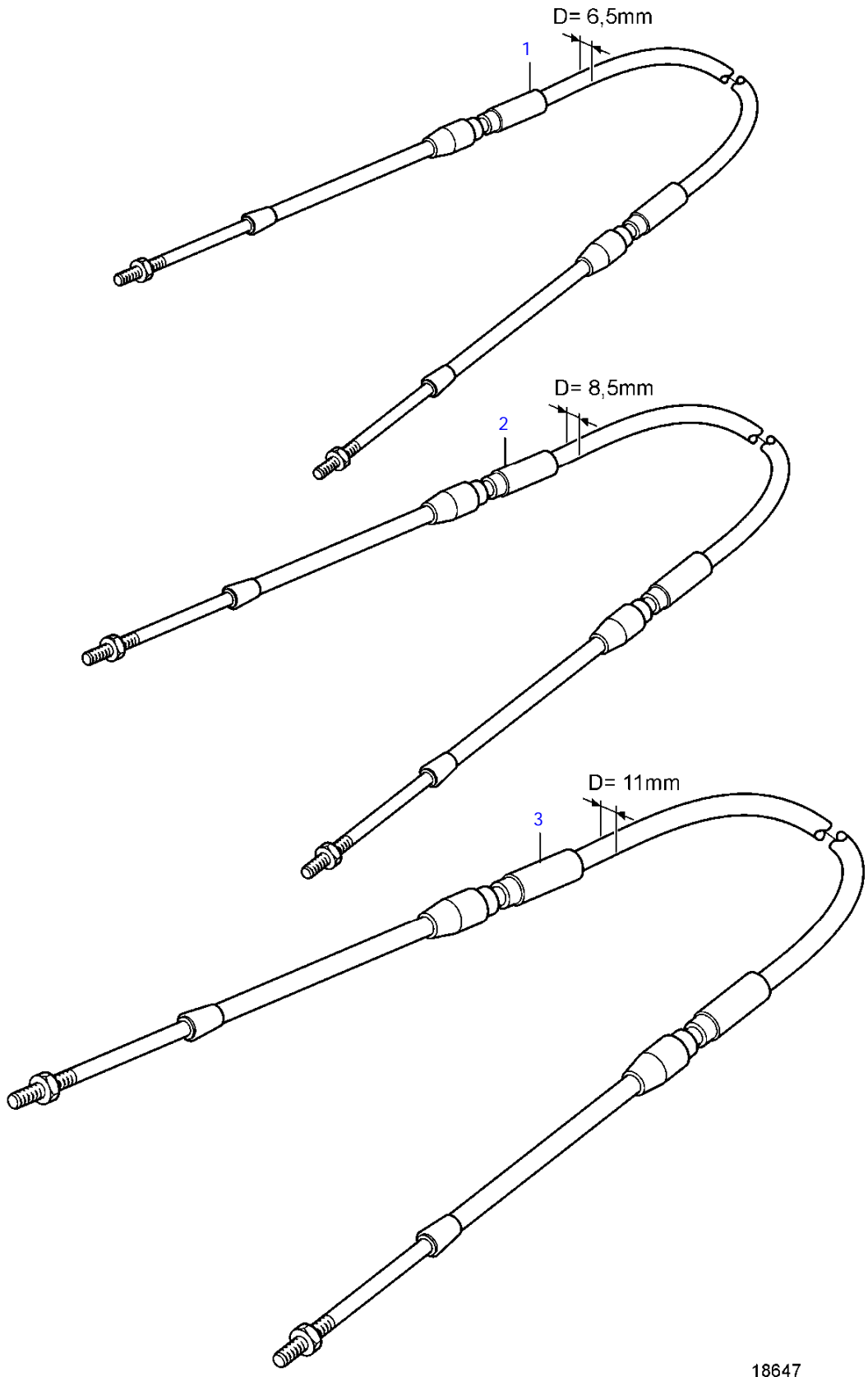
D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



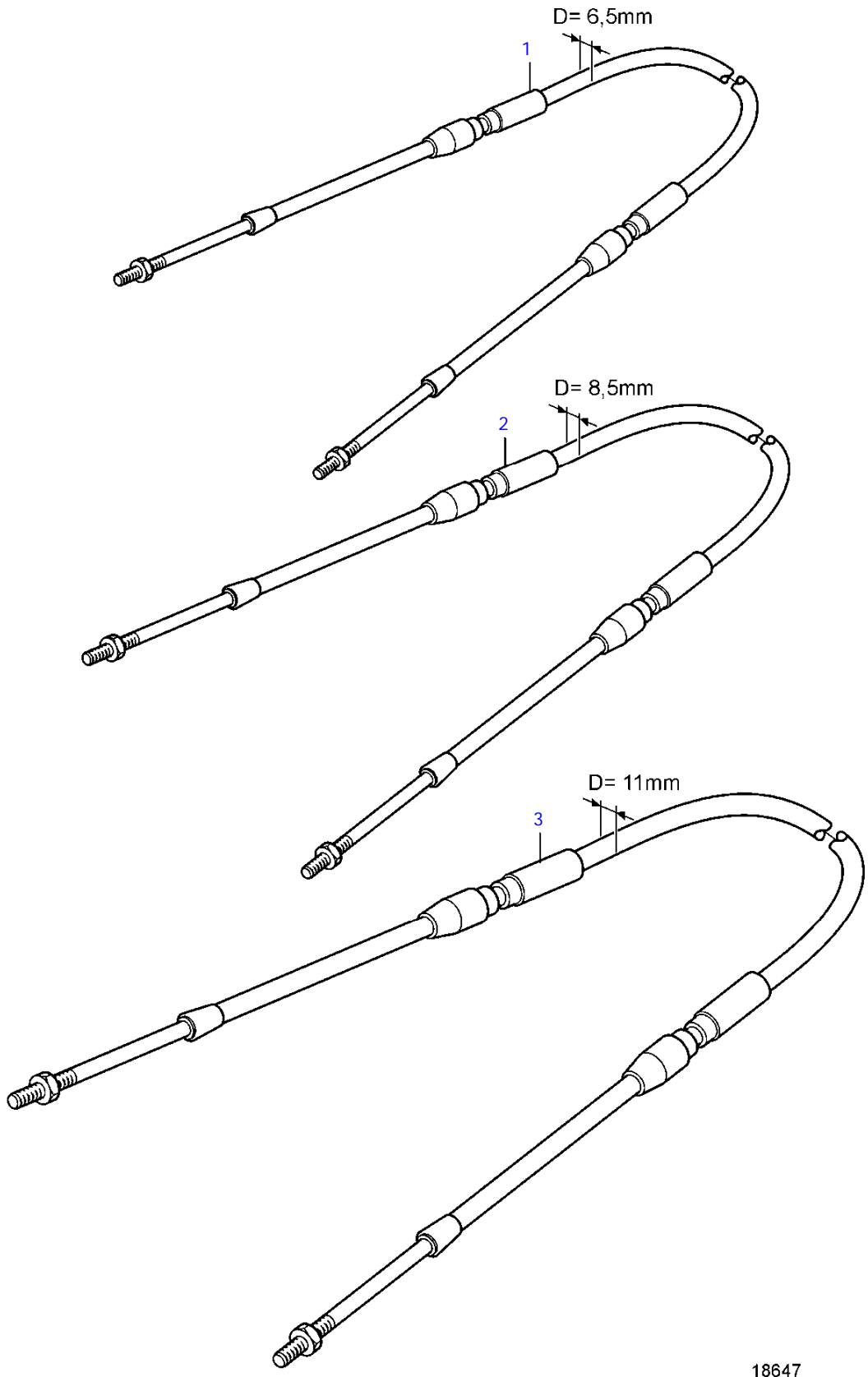
18647

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO.  | QTY | DESCRIPTION   | NOTES                   |
|-----|-----------|-----|---------------|-------------------------|
| 1   | 1140131   | 1   | Control cable | L=1250mm                |
|     | 1140132   | 1   | Control cable | L=1500mm                |
|     | 1140133   | 1   | Control cable | L=1750mm                |
|     | (1140134) | 1   | Control cable | Obsolete part, L=2000mm |
|     | 1140135   | 1   | Control cable | L=2250mm                |
|     | (1140136) | 1   | Control cable | Obsolete part, L=2500mm |
|     | (1140137) | 1   | Control cable | Obsolete part, L=2750mm |
|     | (1140138) | 1   | Control cable | Obsolete part, L=3000mm |
|     | 1140139   | 1   | Control cable | L=3250mm                |
|     | 1140140   | 1   | Control cable | L=3500mm                |
|     | (1140141) | 1   | Control cable | Obsolete part, L=3750mm |
|     | (1140142) | 1   | Control cable | Obsolete part, L=4000mm |
|     | (1140143) | 1   | Control cable | Obsolete part, L=4250mm |
|     | (1140144) | 1   | Control cable | Obsolete part, L=4500mm |
|     | 1140145   | 1   | Control cable | L=4750mm                |
|     | (1140146) | 1   | Control cable | Obsolete part, L=5000mm |



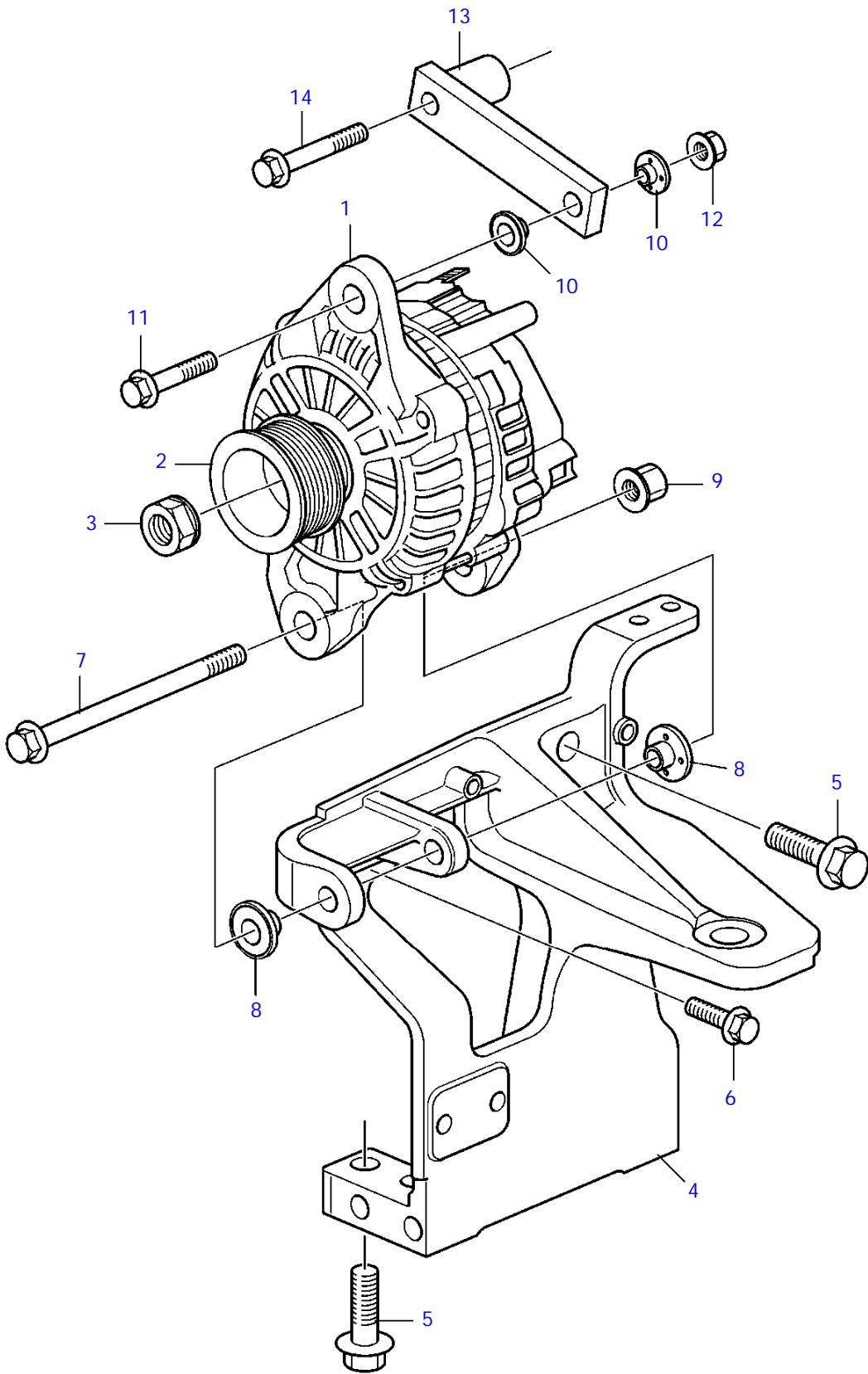
| REF | PART NO. | QTY | DESCRIPTION   | NOTES     |
|-----|----------|-----|---------------|-----------|
| 2   | 1140171  | 1   | Control cable | L=1000mm  |
|     | 1140172  | 1   | Control cable | L=1250mm  |
|     | 1140173  | 1   | Control cable | L=1500mm  |
|     | 1140174  | 1   | Control cable | L=1750mm  |
|     | 1140175  | 1   | Control cable | L=2000mm  |
|     | 1140176  | 1   | Control cable | L=2250mm  |
|     | 1140177  | 1   | Control cable | L=2500mm  |
|     | 1140178  | 1   | Control cable | L=2750mm  |
|     | 1140179  | 1   | Control cable | L=3000mm  |
|     | 1140180  | 1   | Control cable | L=3250mm  |
|     | 1140181  | 1   | Control cable | L=3500mm  |
|     | 1140182  | 1   | Control cable | L=3750mm  |
|     | 1140183  | 1   | Control cable | L=4000mm  |
|     | 1140184  | 1   | Control cable | L=4250mm  |
|     | 1140185  | 1   | Control cable | L=4500mm  |
|     | 1140186  | 1   | Control cable | L=4750mm  |
|     | 1140187  | 1   | Control cable | L=5000mm  |
|     | 1140188  | 1   | Control cable | L=5250mm  |
|     | 1140189  | 1   | Control cable | L=5500mm  |
|     | 1140190  | 1   | Control cable | L=5750mm  |
|     | 1140191  | 1   | Control cable | L=6000mm  |
|     | 1140192  | 1   | Control cable | L=6250mm  |
|     | 1140193  | 1   | Control cable | L=6500mm  |
|     | 1140194  | 1   | Control cable | L=6750mm  |
|     | 1140195  | 1   | Control cable | L=7000mm  |
|     | 1140196  | 1   | Control cable | L=7250mm  |
|     | 1140197  | 1   | Control cable | L=7500mm  |
|     | 1140198  | 1   | Control cable | L=7750mm  |
|     | 1140199  | 1   | Control cable | L=8000mm  |
|     | 888081   | 1   | Control cable | L=8250mm  |
|     | 1140200  | 1   | Control cable | L=8500mm  |
|     | 888082   | 1   | Control cable | L=8750mm  |
|     | 1140201  | 1   | Control cable | L=9000mm  |
|     | 888083   | 1   | Control cable | L=9250mm  |
|     | 1140202  | 1   | Control cable | L=9500mm  |
|     | 888084   | 1   | Control cable | L=9750mm  |
|     | 1140203  | 1   | Control cable | L=10000mm |
|     | 888085   | 1   | Control cable | L=10250mm |
|     | 1140204  | 1   | Control cable | L=10500mm |
|     | 888086   | 1   | Control cable | L=10750mm |
|     | 1140205  | 1   | Control cable | L=11000mm |
|     | 888087   | 1   | Control cable | L=11250mm |
|     | 1140206  | 1   | Control cable | L=11500mm |
|     | 888088   | 1   | Control cable | L=11750mm |
|     | 1140207  | 1   | Control cable | L=12000mm |
|     | 888089   | 1   | Control cable | L=12250mm |
|     | 1140208  | 1   | Control cable | L=12500mm |
|     | 888090   | 1   | Control cable | L=12750mm |
|     | 1140209  | 1   | Control cable | L=13000mm |



| REF | PART NO.  | QTY | DESCRIPTION   | NOTES                    |
|-----|-----------|-----|---------------|--------------------------|
| 3   | (1140101) | 1   | Control cable | Obsolete part, L=2000mm  |
|     | (1140102) | 1   | Control cable | Obsolete part, L=2500mm  |
|     | (1140103) | 1   | Control cable | Obsolete part, L=3000mm  |
|     | (1140104) | 1   | Control cable | Obsolete part, L=3500mm  |
|     | (1140105) | 1   | Control cable | Obsolete part, L=4000mm  |
|     | 1140106   | 1   | Control cable | L=4500mm                 |
|     | (1140107) | 1   | Control cable | Obsolete part, L=5000mm  |
|     | (1140108) | 1   | Control cable | Obsolete part, L=5500mm  |
|     | (1140109) | 1   | Control cable | Obsolete part, L=6000mm  |
|     | (1140110) | 1   | Control cable | Obsolete part, L=6500mm  |
|     | 1140111   | 1   | Control cable | L=7000mm                 |
|     | (1140112) | 1   | Control cable | Obsolete part, L=7500mm  |
|     | (1140113) | 1   | Control cable | Obsolete part, L=8000mm  |
|     | 1140114   | 1   | Control cable | L=8500mm                 |
|     | 1140115   | 1   | Control cable | L=9000mm                 |
|     | (1140116) | 1   | Control cable | Obsolete part, L=9500mm  |
|     | 1140117   | 1   | Control cable | L=10000mm                |
|     | 1140118   | 1   | Control cable | L=11000mm                |
|     | (1140119) | 1   | Control cable | Obsolete part, L=12000mm |
|     | (1140120) | 1   | Control cable | Obsolete part, L=13000mm |
|     | 1140121   | 1   | Control cable | L=14000mm                |
|     | (1140122) | 1   | Control cable | Obsolete part, L=15000mm |



D11A-A, D11A-B, D11A-C, D11A-D

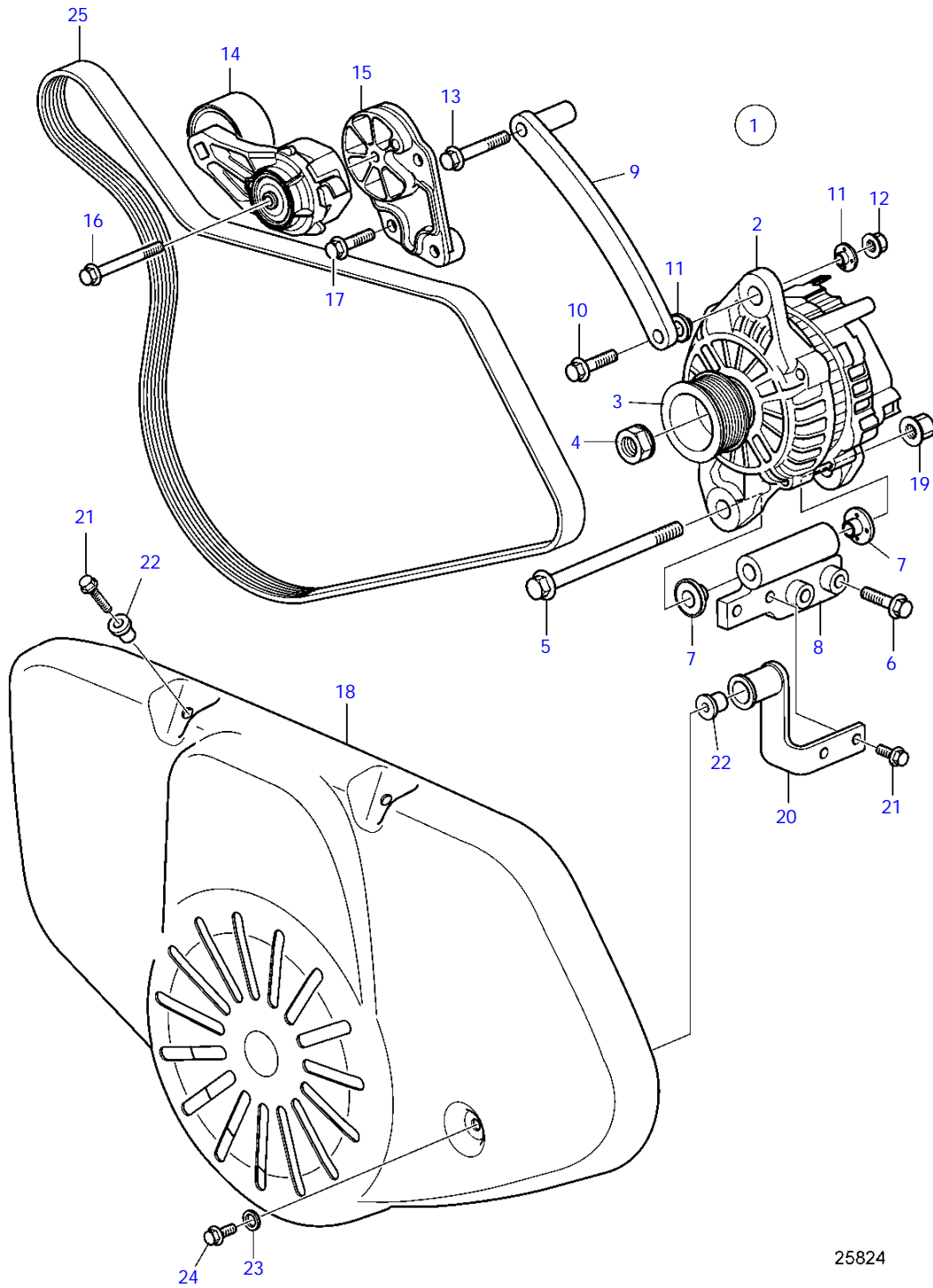


24116

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION        | SEE SEC. | NOTES   |
|-----|----------|-----|--------------------|----------|---------|
| 1   | 3803845  | 1   | Alternator, exch   |          | 28V 80A |
|     |          |     | *                  |          |         |
|     |          |     | *                  | 8811     |         |
| 2   |          | 1   | * Pulley           |          |         |
| 3   |          | 1   | * Nut              |          |         |
| 4   | 3807514  | 1   | Engine mountings   |          |         |
| 5   | 946502   | 4   | Flange screw       |          |         |
| 6   | 946472   | 1   | Flange screw       |          |         |
| 7   | 979935   | 1   | Flange screw       |          |         |
| 8   | 3589369  | 2   | Insulating bushing |          |         |
| 9   | 979230   | 1   | Flange nut         |          |         |
| 10  | 3889806  | 2   | Insulating bushing |          |         |
| 11  | 973924   | 1   | Flange screw       |          |         |
| 12  | 971098   | 1   | Flange lock nut    |          |         |
| 13  | 3888841  | 1   | Bracket            |          |         |
| 14  | 965187   | 1   | Flange screw       |          |         |

D11A-A, D11A-B, D11A-C, D11A-D

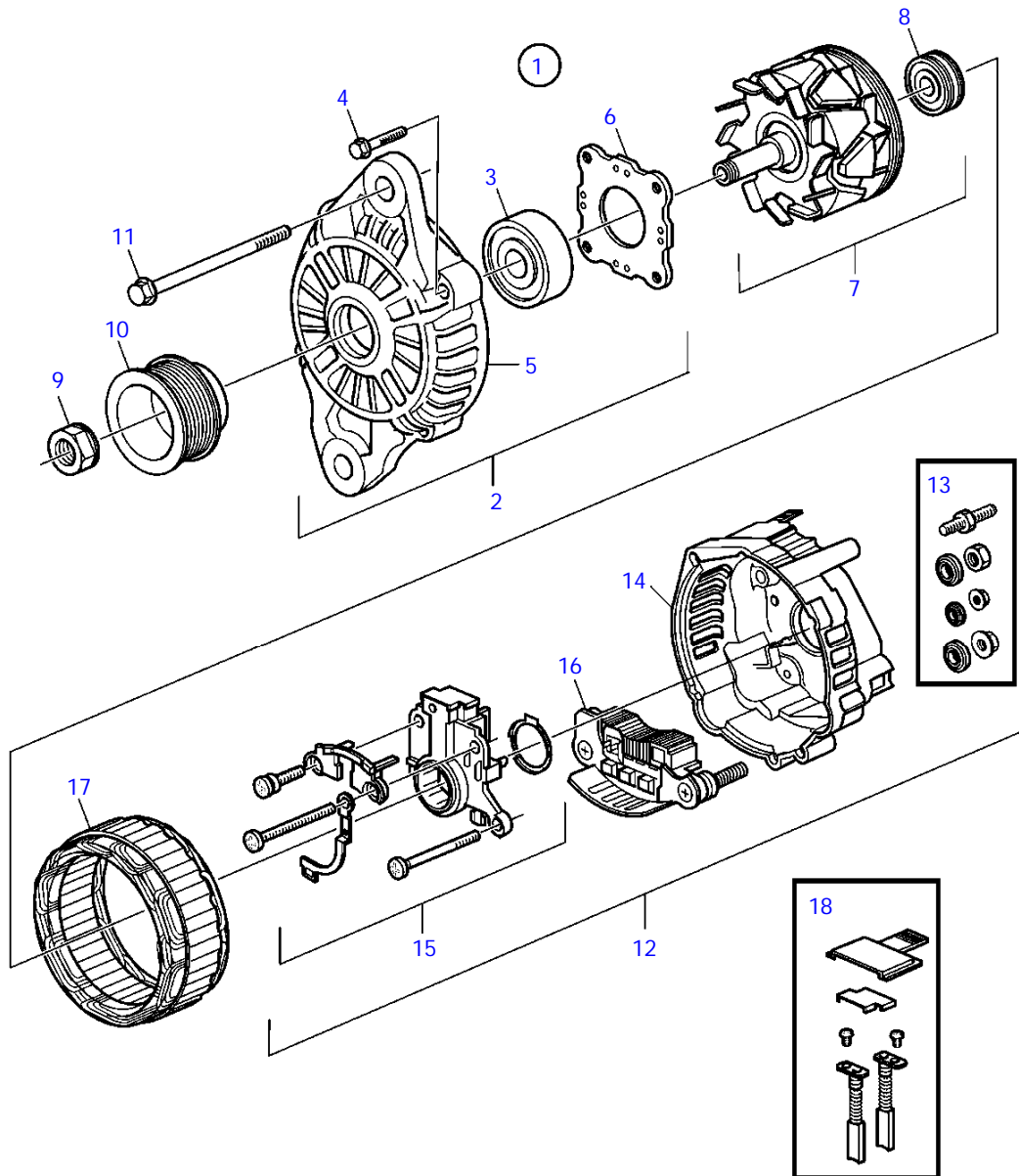


25824

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                  | SEE SEC. | NOTES                         |
|-----|----------|-----|------------------------------|----------|-------------------------------|
| 1   | 3803846  | 1   | Alternator, exch             |          | 14V 115A, Replaced by 3587216 |
|     |          |     | *                            | 8811     |                               |
|     | 3587216  | 1   | Alternator                   |          |                               |
|     | 3803846  | 1   | Alternator, exch, exch       |          |                               |
|     | 3803845  | 1   | Alternator, exch             |          | 28V 80A, Replaced by 3587218  |
|     |          |     | *                            | 8811     |                               |
|     | 3587218  | 1   | Alternator                   |          |                               |
|     | 3803845  | 1   | Alternator, exch, exch       |          |                               |
| 2   |          | 1   | Alternator                   |          |                               |
| 3   |          | 1   | Pulley                       |          |                               |
| 4   |          | 1   | Nut                          |          |                               |
| 5   | 979935   | 1   | Flange screw                 |          |                               |
| 6   | 965185   | 2   | Flange screw                 |          |                               |
| 7   | 21308514 | 2   | Insulating bushing           |          |                               |
| 8   | 3595216  | 1   | Alternator anchorage         |          |                               |
| 9   | 3888841  | 1   | Bracket                      |          |                               |
| 10  | 965186   | 2   | Flange screw, belt tensioner |          |                               |
| 11  | 21328137 | 2   | Insulating bushing           |          |                               |
| 12  | 971098   | 1   | Flange lock nut              |          |                               |
| 13  | 965222   | 1   | Flange screw                 |          |                               |
| 14  | 21153420 | 1   | Belt tensioner               |          |                               |
| 15  | 3849931  | 1   | Bracket                      |          |                               |
| 16  | 947790   | 1   | Flange screw                 |          |                               |
| 17  | 946472   | 2   | Flange screw                 |          |                               |
| 18  | 3847962  | 1   | Belt protector               |          |                               |
| 19  | 977938   | 1   | Flange lock nut              |          |                               |
| 20  | 3818185  | 1   | Bracket                      |          |                               |
| 21  | 946173   | 4   | Flange screw                 |          |                               |
| 22  | 930762   | 3   | Expanding nut, expander      |          |                               |
| 23  | 976944   | 1   | Washer                       |          |                               |
| 24  | 945444   | 1   | Flange screw                 |          |                               |
| 25  | 21354715 | 1   | V-ribbed belt                |          |                               |

D11A-A, D11A-B, D11A-C, D11A-D

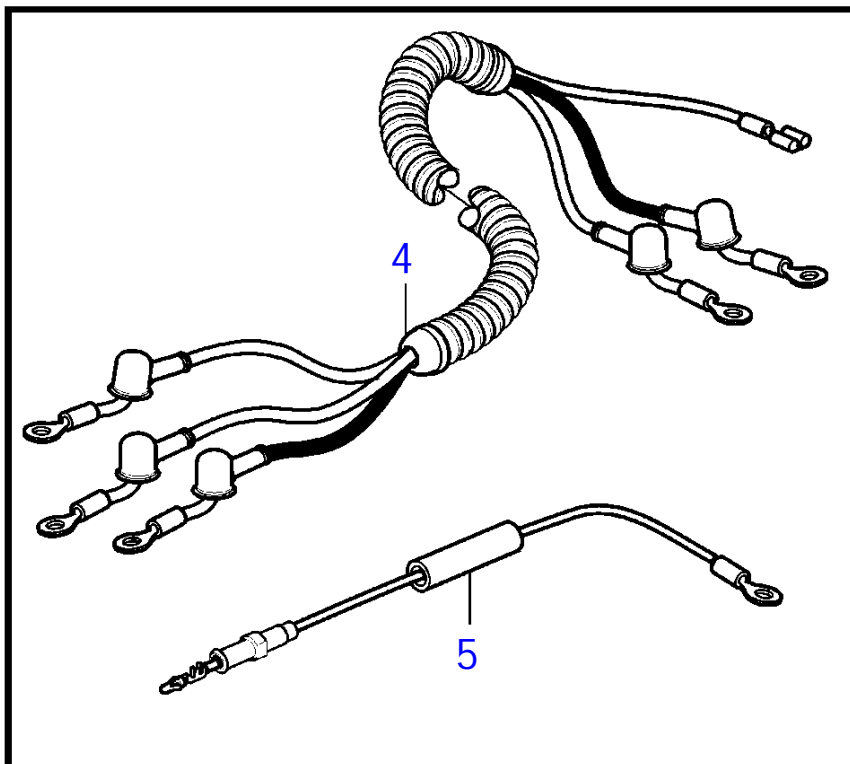
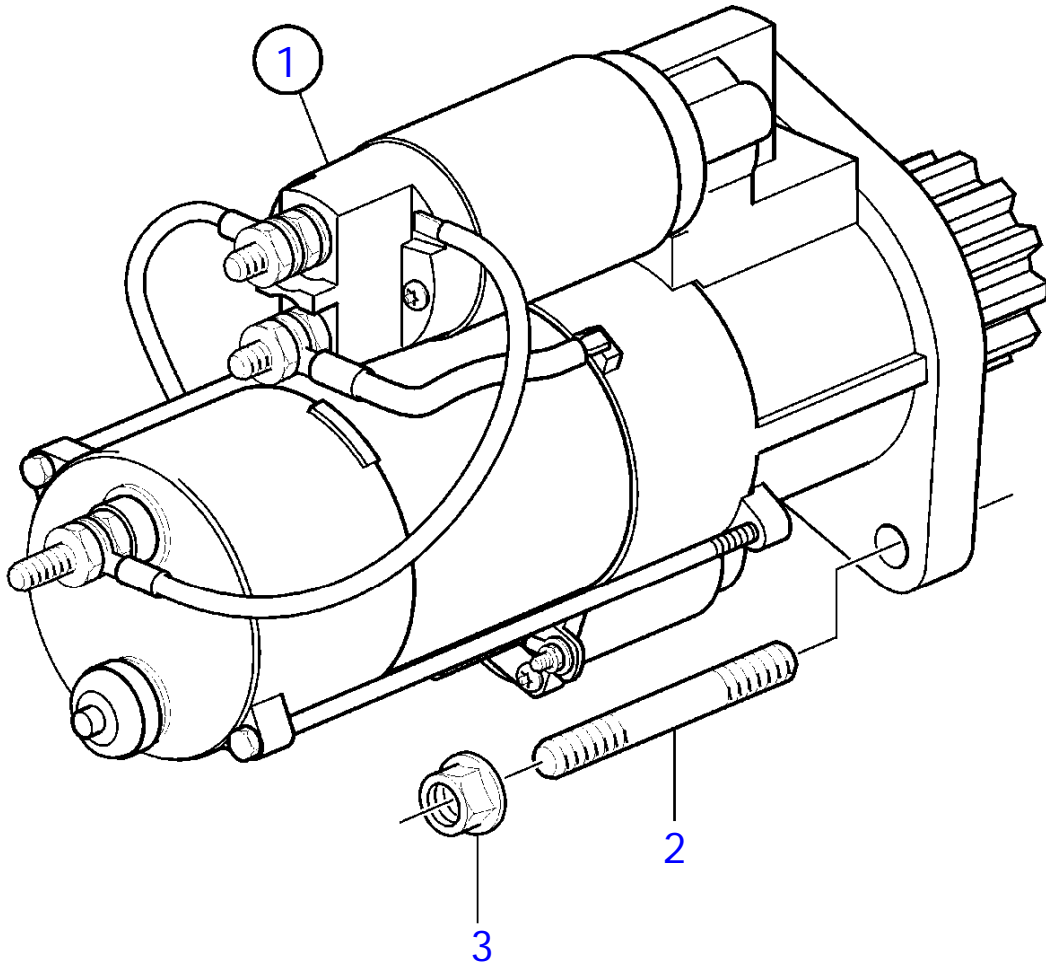


22144

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.  | QTY | DESCRIPTION       | NOTES                                 |
|-----|-----------|-----|-------------------|---------------------------------------|
| 1   | 3803846   | 1   | Alternator, exch  | 14V 115A                              |
|     | 3803845   | 1   | Alternator, exch  | 28V 80A                               |
| 2   |           | 1   | * Bearing housing |                                       |
| 3   |           | 1   | * * Ball bearing  |                                       |
| 4   |           | 1   | * * Screw kit     |                                       |
| 5   |           | 1   | * * End plate     |                                       |
| 6   |           | 1   | * * Plate         |                                       |
| 7   |           | 1   | * Rotor kit       |                                       |
| 8   |           | 1   | * * Ball bearing  |                                       |
| 9   | 3818955   | 1   | * Nut set         |                                       |
| 10  | 3840291   | 1   | * Pulley          |                                       |
| 11  |           | 1   | * Screw kit       |                                       |
| 12  |           | 1   | * Bearing housing |                                       |
| 13  | 3818997   | 1   | * * Connector kit |                                       |
| 14  |           | 1   | * * End plate     |                                       |
| 15  | 3840307   | 1   | * * Regulator kit |                                       |
| 16  | (3818995) | 1   | * * Rectifier     | Obsolete part, For alternator 3803846 |
|     | 3840309   | 1   | * * Rectifier     | For alternator 3803845                |
| 17  |           | 1   | * Stator          |                                       |
| 18  | 3818999   | 1   | * Brush set       |                                       |

D11A-A, D11A-B, D11A-C, D11A-D

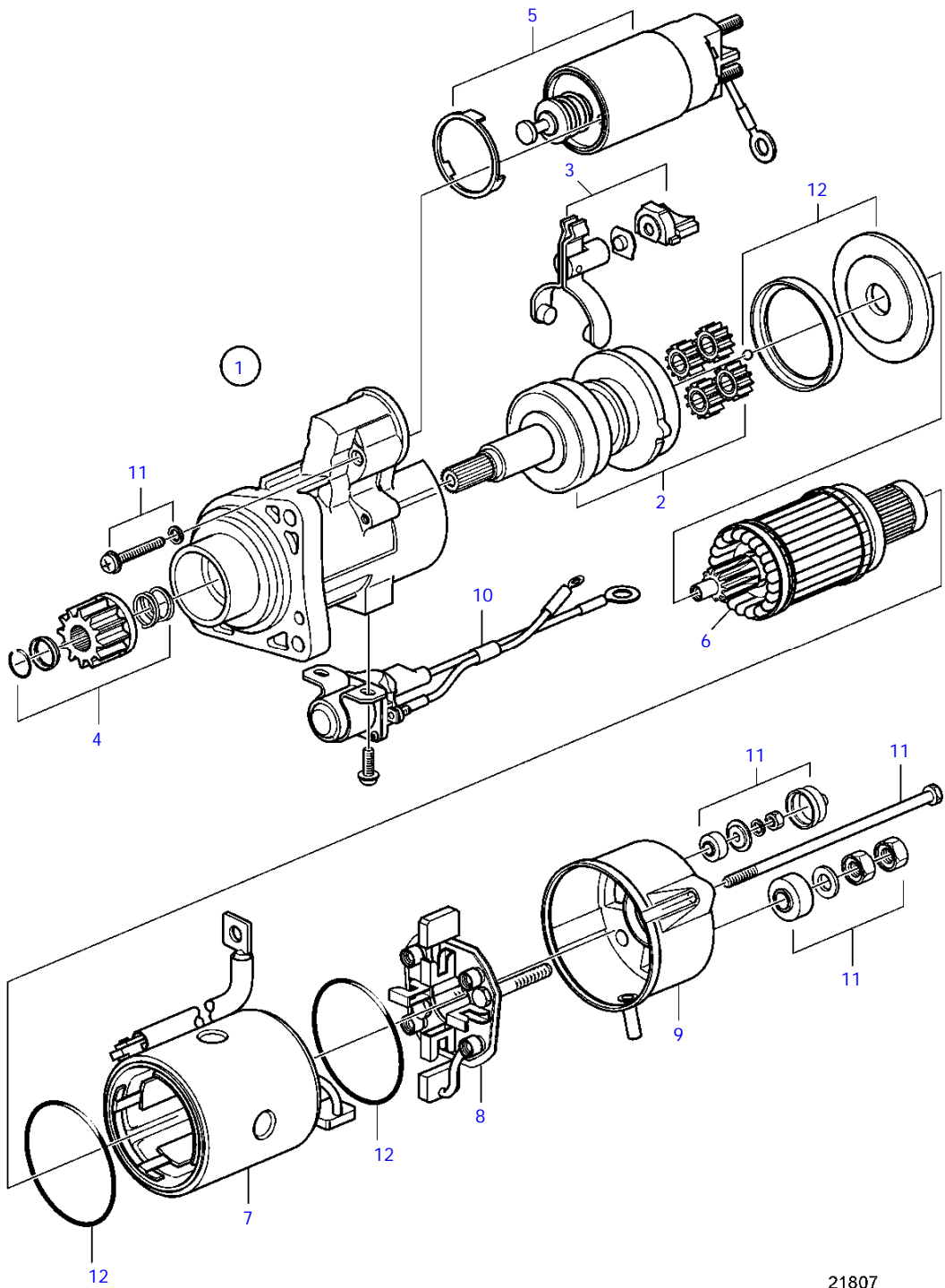


23592





D11A-A, D11A-B, D11A-C, D11A-D

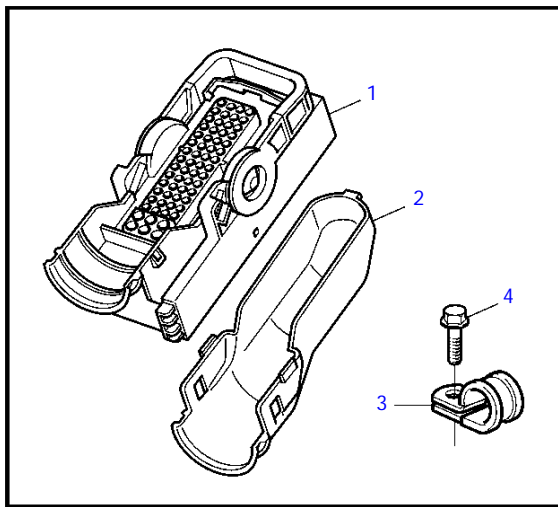
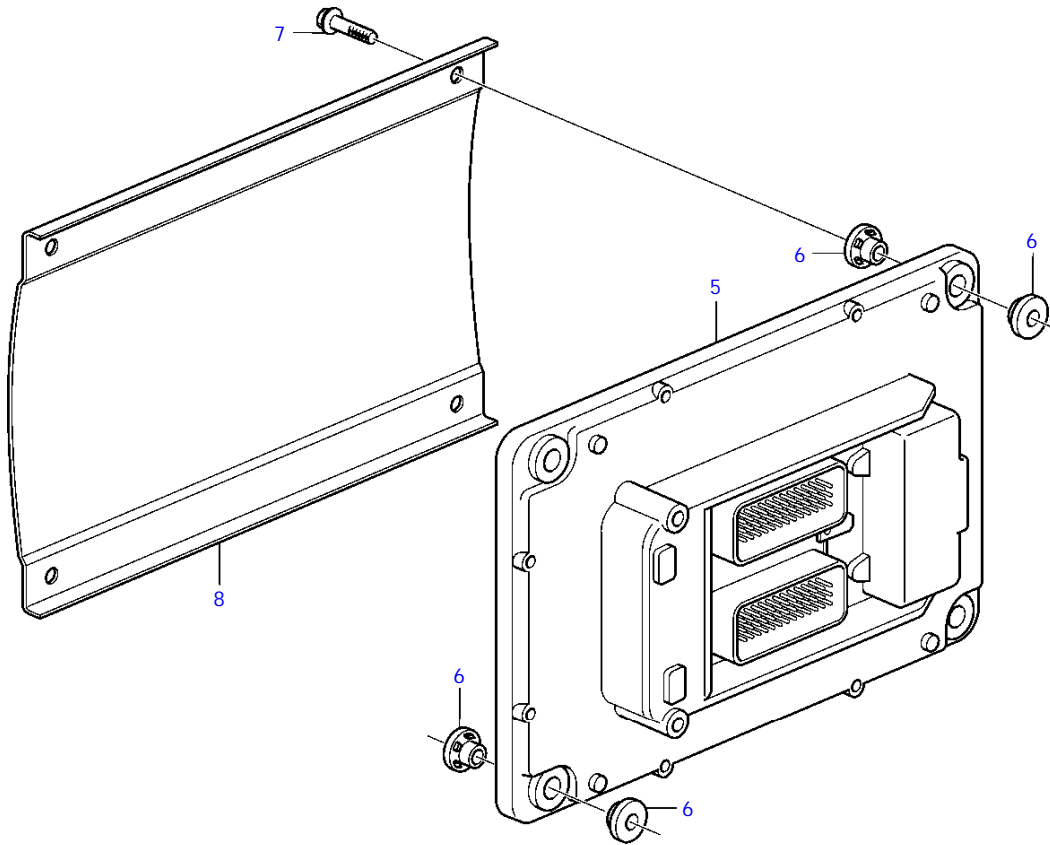


21807

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION           | NOTES               |
|-----|----------|-----|-----------------------|---------------------|
| 1   | 3803847  | 1   | Starter motor, exch   | Replaced by 3801287 |
|     | 3801287  | 1   | Starter motor, exch   |                     |
| 2   |          | 1   | * Shaft               |                     |
| 3   |          | 1   | * Lever               |                     |
| 4   | 20491053 | 1   | * Pinion              |                     |
| 5   | 3818887  | 1   | * Starter solenoid    |                     |
| 6   |          | 1   | * Rotor               |                     |
| 7   |          | 1   | * Stator              |                     |
| 8   | 3818891  | 1   | * Carbon brush retain |                     |
| 9   |          | 1   | * Bearing shield      |                     |
| 10  | 3818901  | 1   | * Starter relay       |                     |
| 11  | 3818906  | 1   | * Screw kit           |                     |
| 12  | 3818908  | 1   | * Gasket kit          |                     |

D11A-A, D11A-B, D11A-C, D11A-D

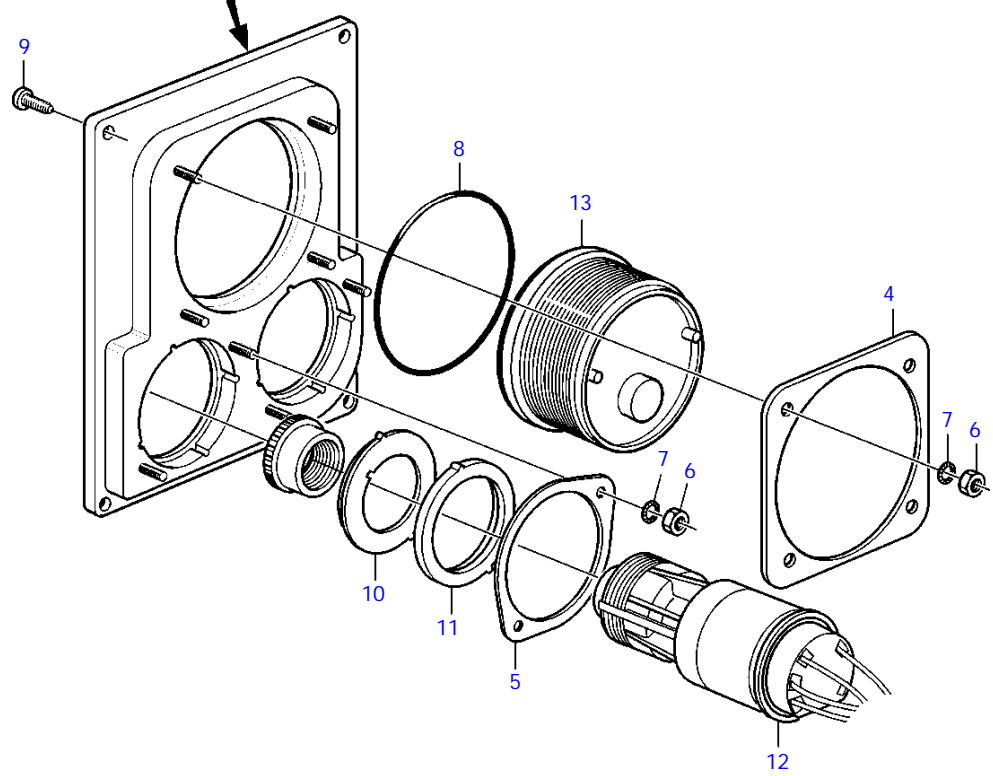
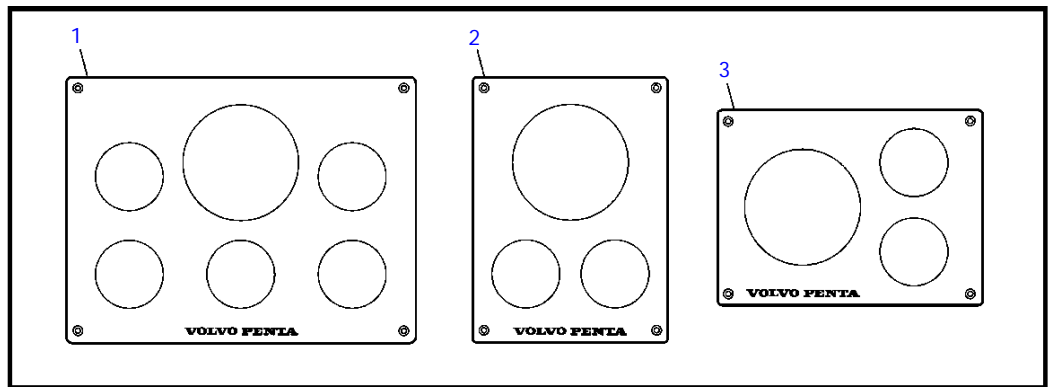


20782

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                  | NOTES   |
|-----|----------|-----|------------------------------|---|
| 1   | 20429842 | 1   | Housing                      | Black   |
|     | 20429843 | 1   | Housing                      | Gray  |
| 2   | 20429844 | 1   | Adapler                      |   |
| 3   | 949997   | 2   | Clamp                        |   |
| 4   | 946440   | 2   | Flange screw                 |   |
| 5   | 20959036 | 1   | Control unit, not programmed | 12V, 24V  |
|     | 3586269  | 1   | Software                     | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586268  | 1   | Software                     | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 6   | 3095161  | 4   | * Rubber cushion             |   |
| 7   | 947760   | 4   | Flange screw                 |   |
| 8   | 889687   | 1   | Protecting plate             |   |

D11A-A, D11A-B, D11A-C, D11A-D

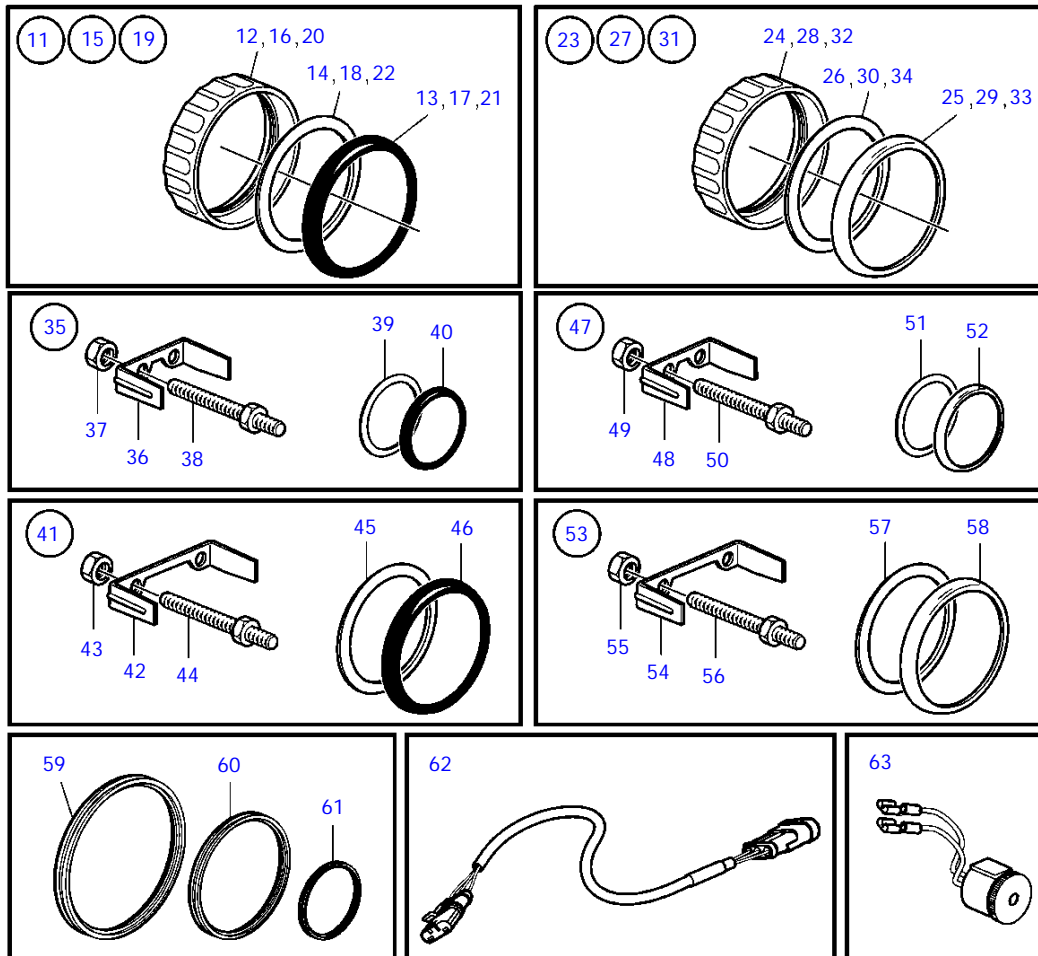
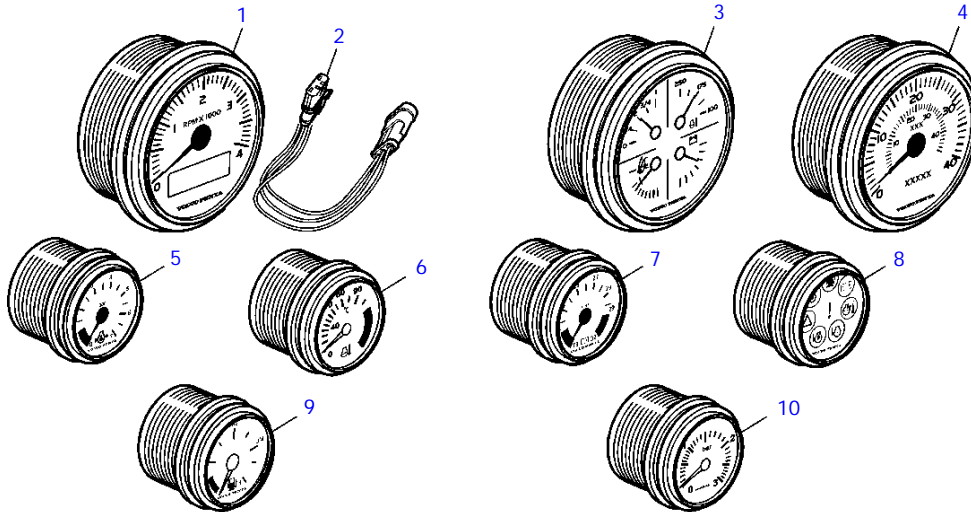


22938

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | NOTES  |
|-----|----------|-----|----------------------|--------|
| 1   | 3589928  | 1   | Instrument panel pla |        |
| 2   | 3589929  | 1   | Instrument panel     |        |
| 3   | 3808659  | 1   | Instrument panel     |        |
| 4   | 3808692  | 1   | Lock ring            |        |
| 5   | 3808693  | 1   | Lock ring            |        |
| 6   | 984990   | 8   | Hexagon nut          |        |
| 7   | 984991   | 8   | Toothed washer       |        |
| 8   | 874843   | 2   | X-ring               | D=52mm |
|     | 874844   | 1   | X-ring               | D=85mm |
| 9   | 828647   | 4   | Screw                |        |
| 10  | 3589932  | 1   | Adapter sleeve       |        |
| 11  | 3809239  | 1   | Adapter sleeve       |        |
| 12  |          | X   | Lock, ignition       |        |
| 13  |          | X   | Instrument           |        |

D11A-A, D11A-B, D11A-C, D11A-D



23799

D11A-A, D11A-B, D11A-C, D11A-D

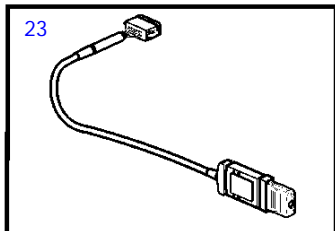
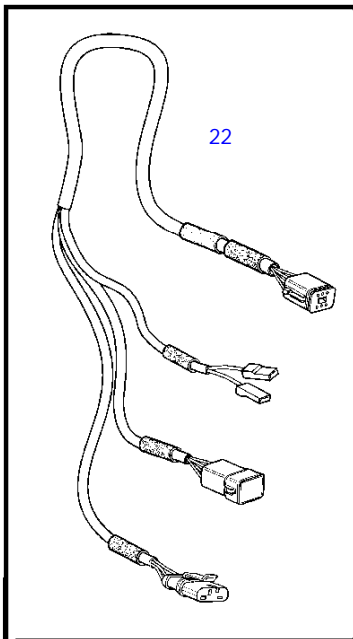
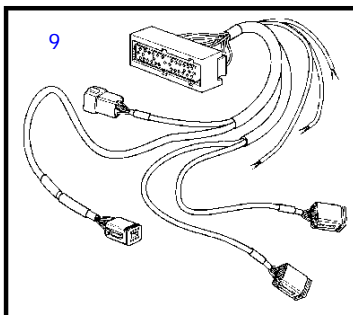
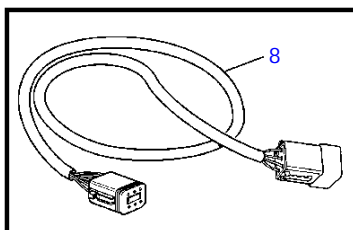
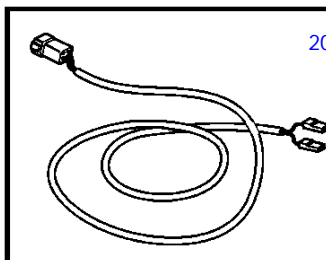
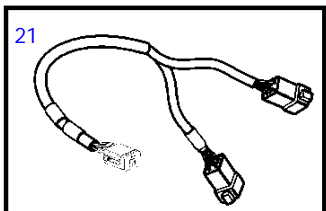
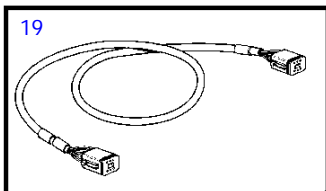
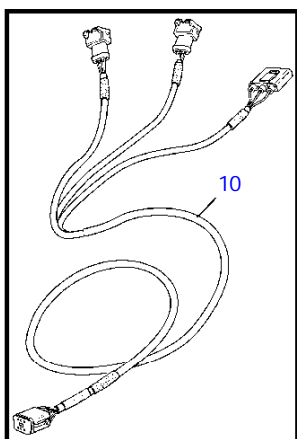
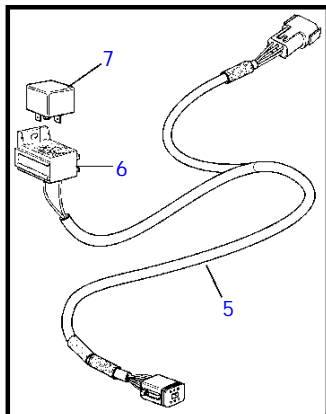
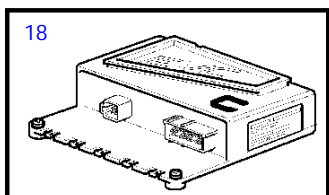
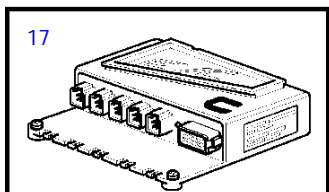
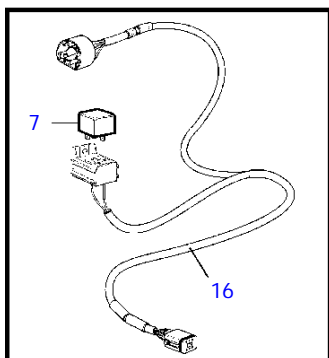
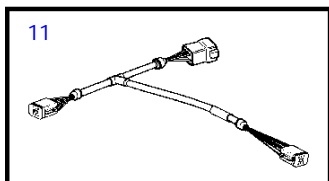
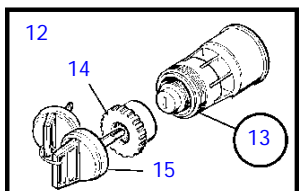
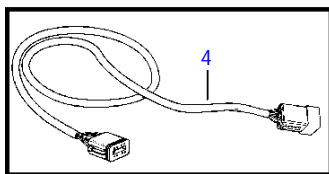
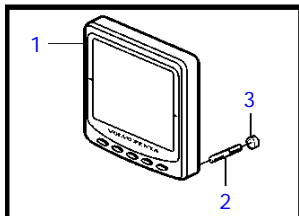
| REF | PART NO.  | QTY | DESCRIPTION                | SEE SEC.    | NOTES  |
|-----|-----------|-----|----------------------------|-------------|--|
| 1   | 3847834   | 1   | Tachometer kit             |             | White, 4000rpm, D=110mm  |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 1   | 3847831   | 1   | Tachometer kit             |             | Black, 4000rpm, D=110mm  |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 1   | 3885694   | 1   | Tachometer                 |             | Black, 4000rpm   |
|     | 3885695   | 1   | Tachometer                 |             | White, 4000rpm   |
|     | 21234542  | 1   | Tachometer kit             |             | White, 4000rpm, Cable included, D=110mm  |
|     | 21234543  | 1   | Tachometer kit             |             | Black, 4000rpm, Cable included, D=110mm  |
| 2   | 3884843   | 1   | * Wiring harness           |             |  |
| 3   | 3885214   | 1   | Instrument                 |             | Four in one gauge (oil pressure, coolant temp, fuel level, volt meter), White, D=110mm |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 3   | 3847876   | 1   | Instrument                 |             | Four in one gauge (oil pressure, coolant temp, fuel level, volt meter), D=110mm, Black |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 4   | 874930    | 1   | Speedometer                |             | White 0-40 Knots, 0-40 mph   |
|     | 874917    | 1   | Speedometer                |             | Black 0-40 knots, 0-40 mph   |
|     | 881650    | 1   | Speedometer                |             | White 0-60 Knots, 0-60 mph   |
|     | 881645    | 1   | Speedometer                |             | Black 0-60 knots, 0-60 mph   |
|     | 3807508   | 1   | Speedometer                |             | Black, 0-40 mph  |
|     | 3807510   | 1   | Speedometer                |             | Black, 0-60 mph  |
|     | (3807512) | 1   | Speedometer                |             | Obsolete part, White, 0-40 mph   |
|     | 3807513   | 1   | Speedometer                |             | White, 0-60 mph  |
|     | 3595249   | 1   | Speedometer                |             | Unit neutral, White, D=110mm, 0-40   |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 4   | 3595253   | 1   | Speedometer                |             | Unit neutral, White, D=110mm, 0-60   |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 4   | 3595246   | 1   | Speedometer                |             | Unit neutral, Black, D=110mm, 0-40   |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 4   | 3595250   | 1   | Speedometer                |             | Unit neutral, Black, D=110mm, 0-60   |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 5   | 874908    | 1   | Oil pressure gauge         |             | Black 0-7 bar  |
|     | 874919    | 1   | Oil pressure gauge         |             | Black 0-100 psi  |
|     | 874923    | 1   | Oil pressure gauge         |             | White 0-7 bar  |
|     | 874932    | 1   | Oil pressure gauge         |             | White 0-100 psi  |
| 6   | 874904    | 1   | Thermometer, coolant water |             | Black 0-120°C  |
|     | 874921    | 1   | Thermometer, coolant water |             | White 0-120°C  |
|     | 874918    | 1   | Thermometer, coolant water |             | Black 40-250 °F  |
|     | 874931    | 1   | Thermometer, coolant water |             | White 40-250 °F  |
|     | 881857    | 1   | Thermometer, oil           |             | Black 40-300 °F  |
|     | 881858    | 1   | Thermometer, oil           |             | White 40-300 °F  |
| 7   | 881649    | 1   | Voltmeter                  |             | 12V, black   |
|     | 881658    | 1   | Voltmeter                  |             | 12V, white   |
|     | 874913    | 1   | Voltmeter                  |             | 24V, black   |
|     | 874925    | 1   | Voltmeter                  |             | 24V, white   |
| 8   | 874915    | 1   | Instrument, alarm          |             | Black D=52mm   |
|     | 874927    | 1   | Instrument, alarm          |             | White D=52mm   |
| 9   | 874914    | 1   | Fuel gauge                 |             | Black D=52mm   |
|     | 874926    | 1   | Fuel gauge                 |             | White D=52mm   |
| 10  | 874920    | 1   | Turbo pressure gauge       |             | Black 0-45 psi   |
|     | 874924    | 1   | Turbo pressure gauge       |             | White 0-3 bar  |
|     | 874933    | 1   | Turbo pressure gauge       |             | White 0-45 psi   |
| 11  | 874709    | 1   | Mounting kit               |             | Black D=52mm   |
| 12  | 874450    | 1   | * Attaching ring           |             |  |
| 13  | 874448    | 1   | * Ring                     |             |  |
| 14  | 874707    | 1   | * Gasket                   |             |  |
| 15  | 874708    | 1   | Mounting kit               |             | Black D=85mm   |
| 16  | 874449    | 1   | * Attaching ring           |             |  |
| 17  | 874447    | 1   | * Ring                     |             |  |
| 18  | 874706    | 1   | * Gasket                   |             |  |
| 19  | 3847888   | 1   | Mounting kit               |             | Black D=110mm  |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 20  | 3884098   | 1   | * Attaching ring           |             |  |
| 21  | 3847887   | 1   | * Ring                     |             |  |
| 22  | 3884103   | 1   | * Gasket                   |             |  |
| 23  | 874733    | 1   | Mounting kit               |             | Chrome D=52mm  |
| 24  | 874450    | 1   | * Attaching ring           |             |  |
| 25  | 874731    | 1   | * Ring                     |             |  |
| 26  | 874707    | 1   | * Gasket                   |             |  |
| 27  | 874732    | 1   | Mounting kit               |             | Chrome D=85mm  |
| 28  | 874449    | 1   | * Attaching ring           |             |  |
| 29  | 874730    | 1   | * Ring                     |             |  |
| 30  | 874706    | 1   | * Gasket                   |             |  |
| 31  | 3885216   | 1   | Mounting kit               |             | Chrome D=110mm   |
|     |           |     | * Bulletin P-36-9-3        | P-36-9-3-EN | New products in the EVC family   |
| 32  | 3884098   | 1   | * Attaching ring           |             |  |
| 33  | 3884096   | 1   | * Ring                     |             |  |
| 34  | 3884103   | 1   | * Gasket                   |             |  |
| 35  | 881611    | 1   | Brace kit                  |             | Black D=52mm   |
| 36  | 881607    | 1   | * Brace                    |             |  |
| 37  | 881610    | 2   | * Nut                      |             |  |
| 38  | 881609    | 2   | * Stud                     |             |  |
| 39  | 874707    | 1   | * Gasket                   |             |  |
| 40  | 874448    | 1   | * Ring                     |             |  |
| 41  | 881612    | 1   | Brace kit                  |             | Black D=85mm   |
| 42  | 881608    | 1   | * Brace                    |             |  |
| 43  | 881610    | 2   | * Nut                      |             |  |
| 44  | 881609    | 2   | * Stud                     |             |  |
| 45  | 874706    | 1   | * Gasket                   |             |  |
| 46  | 874447    | 1   | * Ring                     |             |  |
| 47  | 881613    | 1   | Brace kit                  |             | Chrome D=52mm  |



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC.    | NOTES                          |
|-----|----------|-----|----------------------|-------------|--------------------------------|
| 48  | 881607   | 1   | * Brace              |             |                                |
| 49  | 881610   | 2   | * Nut                |             |                                |
| 50  | 881609   | 2   | * Stud               |             |                                |
| 51  | 874707   | 1   | * Gasket             |             |                                |
| 52  | 874731   | 1   | * Ring               |             |                                |
| 53  | 881614   | 1   | Brace kit            |             | Chrome D=85mm                  |
| 54  | 881608   | 1   | * Brace              |             |                                |
| 55  | 881610   | 2   | * Nut                |             |                                |
| 56  | 881609   | 2   | * Stud               |             |                                |
| 57  | 874706   | 1   | * Gasket             |             |                                |
| 58  | 874730   | 1   | * Ring               |             |                                |
| 59  | 3886791  | 1   | X-ring               |             | D=110mm                        |
|     |          |     | * Bulletin P-36-9-3  | P-36-9-3-EN | New products in the EVC family |
| 60  | 874844   | 1   | X-ring               |             | D=85mm                         |
| 61  | 874843   | 1   | X-ring               |             | D=52mm                         |
| 62  | 874759   | 1   | Extension cable'verl |             | L=1000mm                       |
|     | 3807043  | 1   | Extension cable'verl |             | L=3000mm                       |
| 63  | 3817974  | 1   | Alarm                |             |                                |

D11A-A, D11A-B, D11A-C, D11A-D

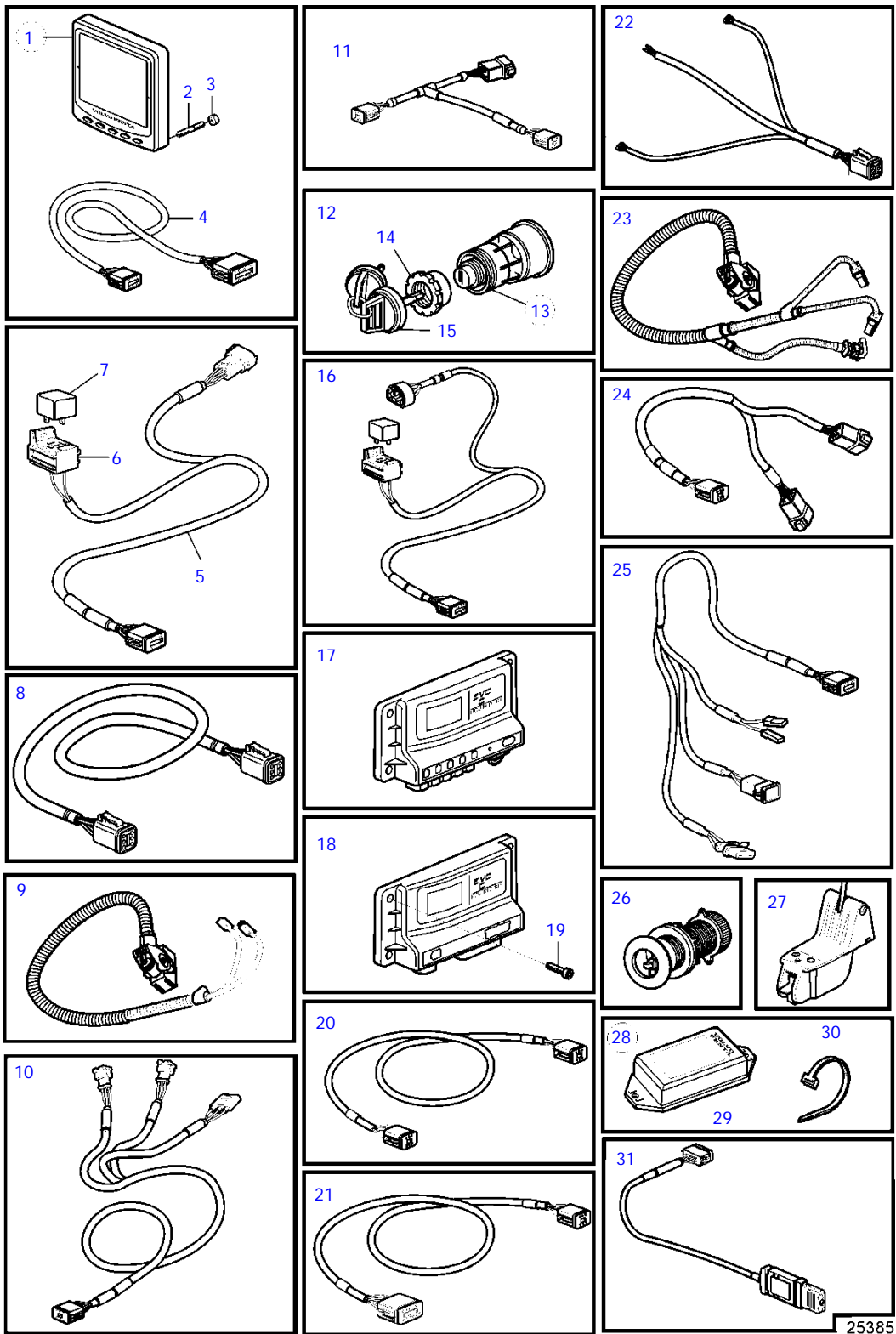


25394

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                    | SEE SEC. | NOTES   |
|-----|----------|-----|--------------------------------|----------|---|
| 1   | 3884818  | 1   | Display                        |          | Replaced by 3849972   |
|     | 3849972  | 1   | Display                        |          | Replaced by 3595108   |
|     | 3595108  | 1   | Display                        |          | Replaced by 21173162  |
|     | 21173162 | 1   | Display                        |          |   |
| 2   | 830928   | 4   | * Stud                         |          |   |
| 3   | 830930   | 4   | * Nut                          |          |   |
| 4   | 3588207  | 1   | * Cable kit                    |          |   |
| 5   | 881786   | 1   | Cable kit                      |          |   |
| 6   | 977184   | 1   | Housing                        |          |   |
| 7   | 873765   | 1   | Relay                          |          | 12V   |
|     | 3171420  | 1   | Relay                          |          | 24V   |
| 8   | 874789   | 1   | Cable kit                      |          | PCU-HCU, 6 pole, L=5.0m   |
|     | 889550   | 1   | Cable                          |          | PCU-HCU, 6 pole, L=7.0m   |
|     | 889551   | 1   | Cable                          |          | PCU-HCU, 6 pole, L=9.0m   |
|     | 889552   | 1   | Cable                          |          | PCU-HCU, 6 pole, L=11.0m  |
|     | 888013   | 1   | Cable                          |          | PCU-HCU, 6 pole, L=13.0m  |
|     | 3889410  | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=1.5m   |
|     | 3842733  | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=3.0m   |
|     | 3842734  | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=5.0m   |
|     | 3842735  | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=7.0m   |
|     | 3842736  | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=9.0m   |
|     | 3842737  | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=11.0m  |
|     | 21172469 | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=20m  |
|     | 21172470 | 1   | Extension cable'verl           |          | Extension cables. Multilink, 6-pin., L=40m  |
|     | 3587145  | 1   | Cable                          |          | Extension cable for control pontentimeter. 3-polig. L=2,0m                          |
| 9   | 21122603 | 1   | Cable                          |          | Engine-PCU cable., L=3.0m   |
|     | 21122605 | 1   | Cable                          |          | Engine-PCU cable., L=5.0m   |
| 10  | 874676   | 1   | Cable kit                      |          | EVC control lever cable, 6-pole., L=1.5m  |
| 11  | 3588972  | 1   | Cable kit                      |          | Y-connector bus cable, 6-pole., L=0.5m  |
| 12  | 3587070  | 1   | Starter switch, set            |          | Kit with 2 key switch with identical key.   |
| 13  | 3587071  | 1   | Starter switch                 |          |   |
| 14  | 859955   | 1   | * Plastic nut                  |          |   |
| 15  | 859953   | 1   | * Key                          |          | State key code when ordering.   |
|     |          |     | * Bulletin 49-30               | 49-30-EN | Key P/N 859953  |
| 16  | 888004   | 1   | Cable, starter switch          |          |   |
| 17  | 3884481  | X   | Control unit, not programmed   |          | HCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586261  | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586259  | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 18  | 3884480  | X   | Control unit, not programmed   |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267  | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266  | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 19  | 3886666  | 1   | Cable                          |          | L=1.5m  |
|     | 21166002 | 1   | Wiring harness                 |          | 7m  |
|     | 21166003 | 1   | Wiring harness                 |          | 9m  |
|     | 21166004 | 1   | Wiring harness                 |          | 13m   |
| 20  | 874807   | 1   | Cable kit, fuel, water, rudder |          |   |
| 21  | 3588206  | 1   | Cable kit, y-split             |          |   |
| 22  | 3808852  | 1   | Cable kit, instruments, panels |          |   |
| 23  | 21509941 | 1   | Control unit                   |          |   |

D11A-A, D11A-B, D11A-C, D11A-D

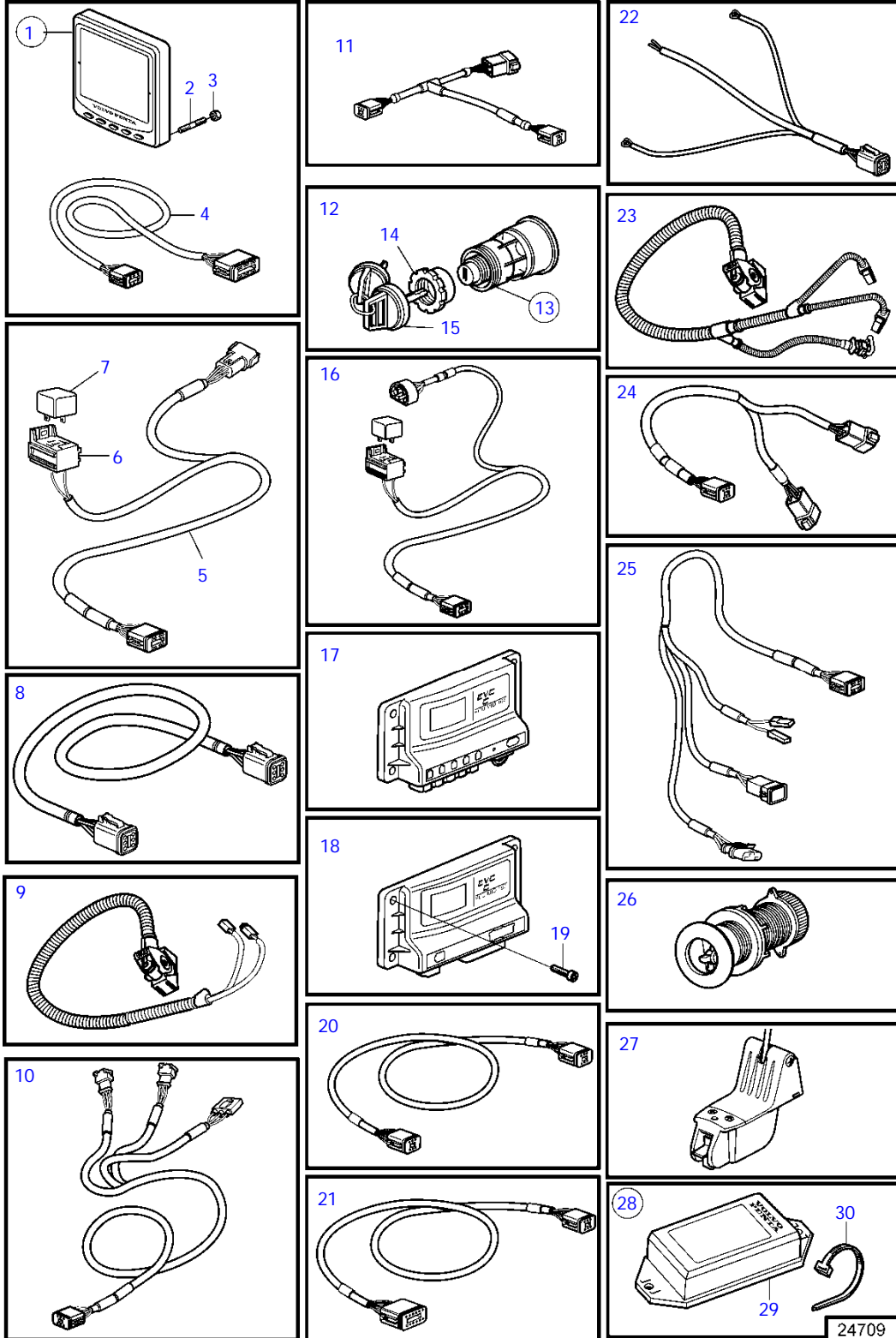


25385

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION                    | SEE SEC. | NOTES   |
|-----|------------|-----|--------------------------------|----------|---|
| 1   | 21173162   | 1   | Display                        |          |   |
| 2   | 830928     | 4   | * Stud                         |          |   |
| 3   | 830930     | 4   | * Nut                          |          |   |
| 4   | 3588207    | 1   | * Cable kit                    |          |   |
| 5   | 881786     | 1   | Cable kit                      |          |   |
| 6   | 977184     | 1   | Housing                        |          |   |
| 7   | 873765     | 1   | Relay                          |          | 12V   |
|     | 3171420    | 1   | Relay                          |          | 24V   |
| 8   | 3842733    | 1   | Extension cable'verl           |          | L=3.0m  |
|     | 3842734    | 1   | Extension cable'verl           |          | L=5.0m  |
|     | 3842735    | 1   | Extension cable'verl           |          | L=7.0m  |
|     | 3842736    | 1   | Extension cable'verl           |          | L=9.0m  |
|     | 3842737    | 1   | Extension cable'verl           |          | L=11.0m   |
|     | 21172469   | 1   | Extension cable'verl           |          | L=20m   |
|     | 21172470   | 1   | Extension cable'verl           |          | L=40m   |
|     | 874789     | 1   | Cable kit                      |          | PCU-HCU, 6 pole, L=5.0m   |
|     | 889550     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=7.0m   |
|     | 889551     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=9.0m   |
|     | 889552     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=11.0m  |
|     | 888013     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=13.0m  |
| 9   | 40005754   | 1   | Wiring harness                 |          | Engine-PCU cable., L=2.65m  |
| 10  | 874676     | 1   | Cable kit                      |          | EVC control lever cable, 6-pole., L=1.5m  |
| 11  | 3588972    | 1   | Cable kit                      |          | T-connector bus cable, 6-pole., L=0.5m  |
| 12  | 3587070    | 1   | Starter switch, set            |          | Kit with 2 key switch with identical key.   |
| 13  | 3587071    | 1   | Starter switch                 |          |   |
| 14  | 859955     | 1   | * Plastic nut                  |          |   |
| 15  | 859953     | 1   | * Key                          |          | State key code when ordering.   |
|     |            |     | * Bulletin 49-30               | 49-30-EN | Key P/N 859953  |
| 16  | 888004     | 1   | Cable, starter switch          |          |   |
| 17  | 21339291   | X   | Control unit, not programmed   |          | HCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586261    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586259    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 21172467   |     | Control unit                   |          | XCU   |
| 18  | 21339311   | X   | Control unit, not programmed   |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 19  | 976104     | 4   | Flange screw                   |          |   |
| 20  | 3886666    | 1   | Cable, synchronizing           |          | Synchronizing cabel for twin installation. 6 pole., L=1.5m                          |
|     | 21166002   | 1   | Wiring harness                 |          | L=7m  |
|     | 21166003   | 1   | Wiring harness                 |          | L=9m  |
|     | 21166004   | 1   | Wiring harness                 |          | L=13m   |
| 21  | 3885343    | 1   | Wiring harness                 |          | Triple and quadruple installation.  |
| 22  | 3807229    | 1   | Wiring harness, fuel           |          |   |
| 23  | 40005753   | 1   | Wiring harness                 |          |   |
| 24  | 3588206    | 1   | Cable kit, y-split             |          | For connecting extra equipment to Multilink   |
| 25  | 3808852    | 1   | Cable kit, instruments, panels |          |   |
| 26  | 3587054    | 1   | Sensor                         |          | Through hull  |
| 27  | 3587055    | 1   | Sensor                         |          | Mounted on transom  |
| 28  | (21281264) | 1   | Converter                      |          | Obsolete part   |
| 29  |            | 1   | * Converter                    |          |   |
| 30  | 948211     | 2   | * Cable tie                    |          |   |
| 31  | 21509941   | 1   | Control unit                   |          |   |

D11A-C, D11A-D

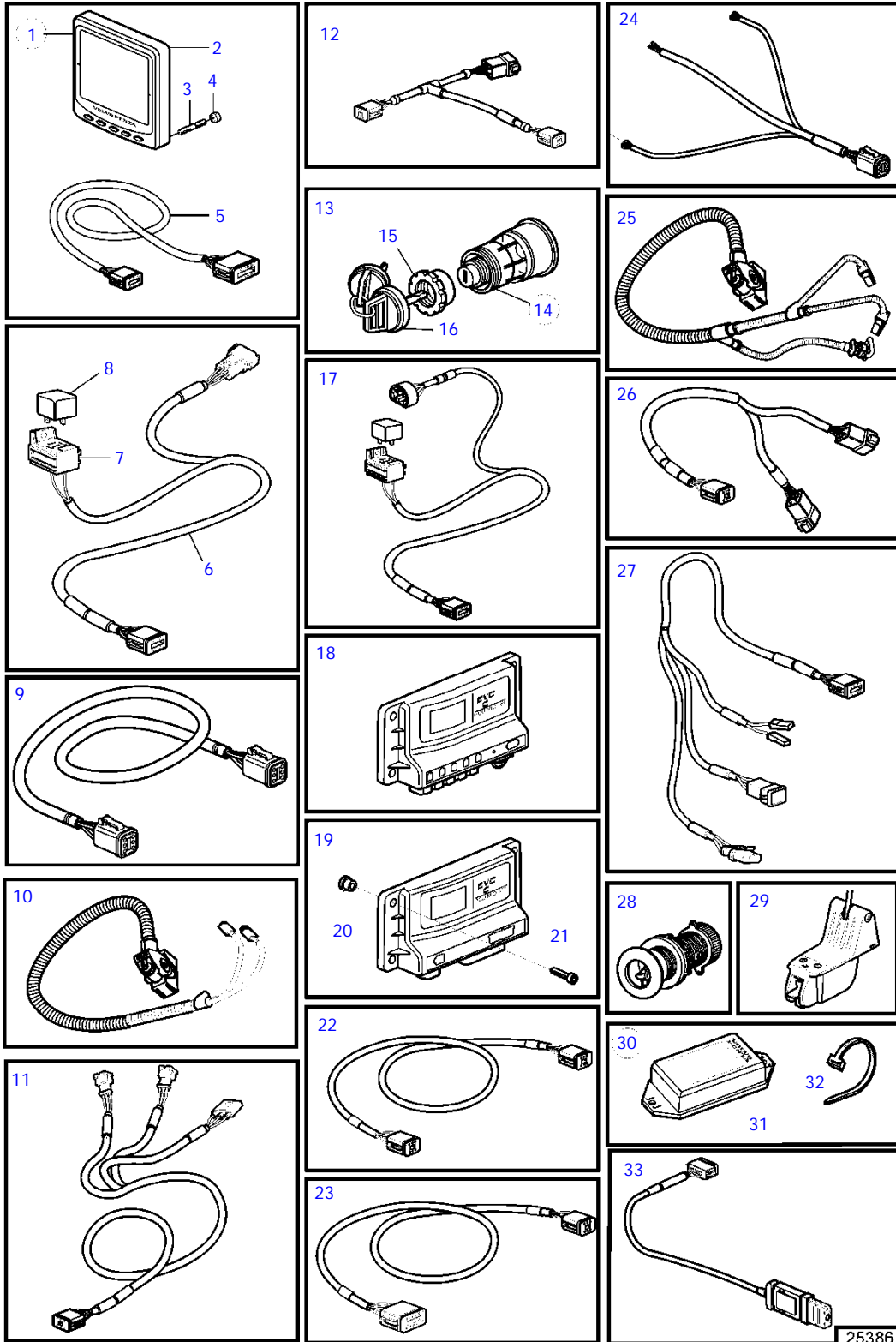


24709

## D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION                    | SEE SEC. | NOTES   |
|-----|------------|-----|--------------------------------|----------|---|
| 1   | 21173162   | 1   | Display                        |          |   |
| 2   | 830928     | 4   | * Stud                         |          |   |
| 3   | 830930     | 4   | * Nut                          |          |   |
| 4   | 3588207    | 1   | * Cable kit                    |          |   |
| 5   | 881786     | 1   | Cable kit                      |          |   |
| 6   | 977184     | 1   | Housing                        |          |   |
| 7   | 873765     | 1   | Relay                          |          | 12V   |
|     | 3171420    | 1   | Relay                          |          | 24V   |
| 8   | 3842733    | 1   | Extension cable'verl           |          | L=3.0m  |
|     | 3842734    | 1   | Extension cable'verl           |          | L=5.0m  |
|     | 3842735    | 1   | Extension cable'verl           |          | L=7.0m  |
|     | 3842736    | 1   | Extension cable'verl           |          | L=9.0m  |
|     | 3842737    | 1   | Extension cable'verl           |          | L=11.0m   |
|     | 21172469   | 1   | Extension cable'verl           |          | L=20m   |
|     | 21172470   | 1   | Extension cable'verl           |          | L=40m   |
|     | 874789     | 1   | Cable kit                      |          | PCU-HCU, 6 pole, L=5.0m   |
|     | 889550     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=7.0m   |
|     | 889551     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=9.0m   |
|     | 889552     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=11.0m  |
|     | 888013     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=13.0m  |
| 9   | 40005754   | 1   | Wiring harness                 |          | Engine-PCU cable., L=2.65m  |
| 10  | 874676     | 1   | Cable kit                      |          | EVC control lever cable, 6-pole., L=1.5m  |
| 11  | 3588972    | 1   | Cable kit                      |          | T-connector bus cable, 6-pole., L=0.5m  |
| 12  | 3587070    | 1   | Starter switch, set            |          | Kit with 2 key switch with identical key.   |
| 13  | 3587071    | 1   | Starter switch                 |          |   |
| 14  | 859955     | 1   | * Plastic nut                  |          |   |
| 15  | 859953     | 1   | * Key                          |          | State key code when ordering.   |
|     |            |     | * Bulletin 49-30               | 49-30-EN | Key P/N 859953  |
| 16  | 888004     | 1   | Cable, starter switch          |          |   |
| 17  | 21339291   | X   | Control unit, not programmed   |          | HCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586261    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586259    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 21172467   |     | Control unit                   |          | XCU   |
| 18  | 21339311   | X   | Control unit, not programmed   |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 19  | 976104     | 4   | Flange screw                   |          |   |
| 20  | 3886666    | 1   | Cable, synchronizing           |          | Synchronizing cabel for twin installation. 6 pole., L=1.5m                          |
|     | 21166002   | 1   | Wiring harness                 |          | L=7m  |
|     | 21166003   | 1   | Wiring harness                 |          | L=9m  |
|     | 21166004   | 1   | Wiring harness                 |          | L=13m   |
| 21  | 3885343    | 1   | Wiring harness                 |          | Triple and quadruple installation.  |
| 22  | 3807229    | 1   | Wiring harness, fuel           |          |   |
| 23  | 40005753   | 1   | Wiring harness                 |          |   |
| 24  | 3588206    | 1   | Cable kit, y-split             |          | For connecting extra equipment to Multilink   |
| 25  | 3808852    | 1   | Cable kit, instruments, panels |          |   |
| 26  | 3587054    | 1   | Sensor                         |          | Through hull  |
| 27  | 3587055    | 1   | Sensor                         |          | Mounted on transom  |
| 28  | (21281264) | 1   | Converter                      |          | Obsolete part   |
| 29  |            | 1   | * Converter                    |          |   |
| 30  | 948211     | 2   | * Cable tie                    |          |   |

D11A-A, D11A-B, D11A-C, D11A-D



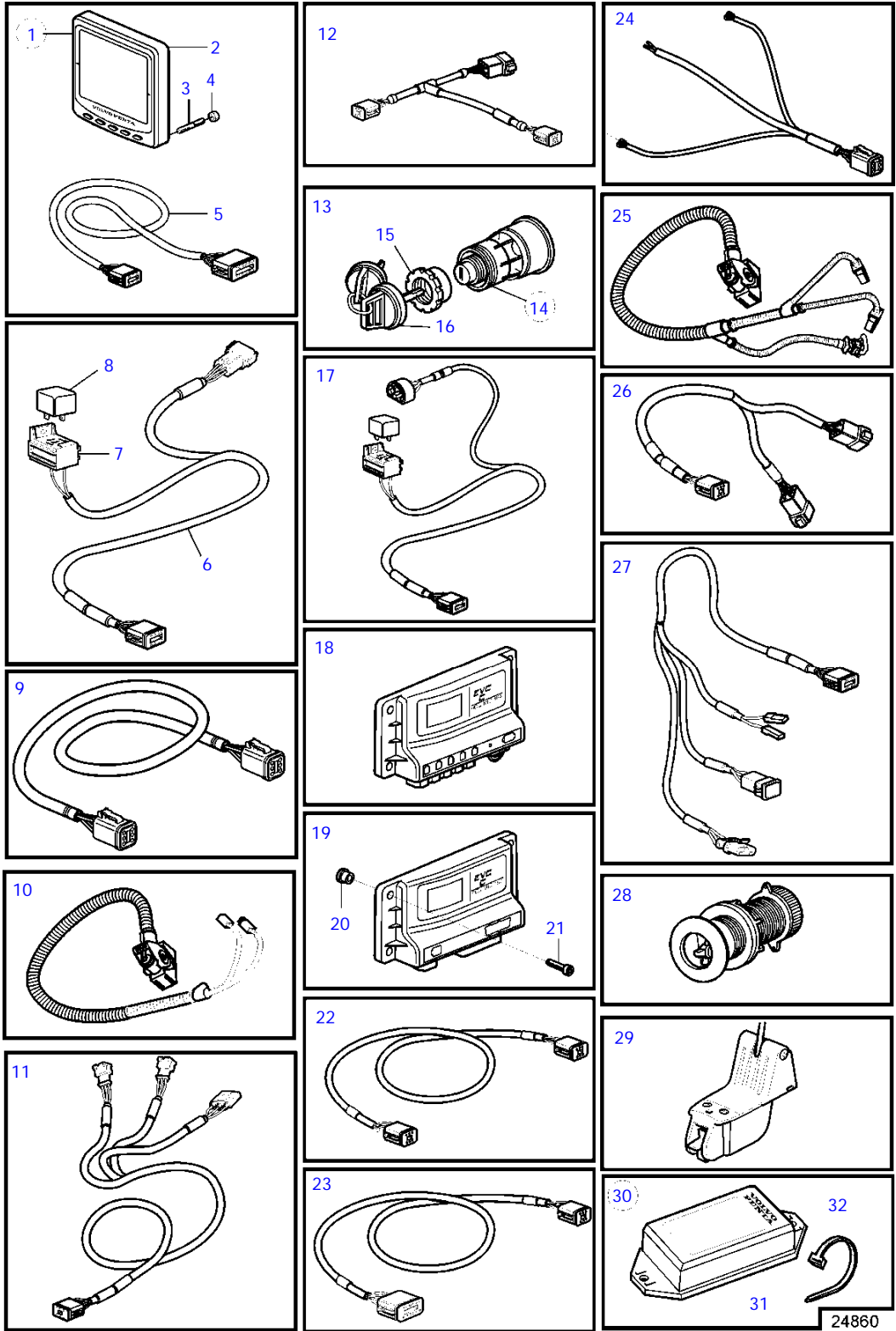
25386



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION                    | SEE SEC. | NOTES   |
|-----|------------|-----|--------------------------------|----------|---|
| 1   | 21352262   | 1   | Display                        |          | Replaced by 21631438  |
|     | 21631438   | 1   | Kit                            |          |   |
| 2   |            | 1   | * Display                      |          |   |
| 3   | 830928     | 4   | * Stud                         |          |   |
| 4   | 830930     | 4   | * Nut                          |          |   |
| 5   | 3588207    | 1   | * Cable kit                    |          |   |
| 6   | 881786     | 1   | Cable kit                      |          |   |
| 7   | 977184     | 1   | Housing                        |          |   |
| 8   | 873765     | 1   | Relay                          |          | 12V   |
|     | 3171420    | 1   | Relay                          |          | 24V   |
| 9   | 3842733    | 1   | Extension cable'verl           |          | L=3.0m  |
|     | 3842734    | 1   | Extension cable'verl           |          | L=5.0m  |
|     | 3842735    | 1   | Extension cable'verl           |          | L=7.0m  |
|     | 3842736    | 1   | Extension cable'verl           |          | L=9.0m  |
|     | 3842737    | 1   | Extension cable'verl           |          | L=11.0m   |
|     | 21172469   | 1   | Extension cable'verl           |          | L=20m   |
|     | 21172470   | 1   | Extension cable'verl           |          | L=40m   |
|     | 874789     | 1   | Cable kit                      |          | PCU-HCU, 6 pole, L=5.0m   |
|     | 889550     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=7.0m   |
|     | 889551     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=9.0m   |
|     | 889552     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=11.0m  |
|     | 888013     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=13.0m  |
| 10  | 40005754   | 1   | Wiring harness                 |          | Engine-PCU cable., L=2.65m  |
| 11  | 874676     | 1   | Cable kit                      |          | EVC control lever cable, 6-pole., L=1.5m  |
| 12  | 3588972    | 1   | Cable kit                      |          | T-connector bus cable, 6-pole., L=0.5m  |
| 13  | 3587070    | 1   | Starter switch, set            |          | Kit with 2 key switch with identical key.   |
| 14  | 3587071    | 1   | Starter switch                 |          |   |
| 15  | 859955     | 1   | * Plastic nut                  |          |   |
| 16  | 859953     | 1   | * Key                          |          | State key code when ordering.   |
|     |            |     | * Bulletin 49-30               | 49-30-EN | Key P/N 859953  |
| 17  | 888004     | 1   | Cable, starter switch          |          |   |
| 18  | 21321153   | X   | Control unit, not programmed   |          | HCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586261    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586259    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 21172467   |     | Control unit                   |          | XCU   |
| 19  | 21339311   | X   | Control unit, not programmed   |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 20  | 21230875   | 4   | Sleeve                         |          |   |
| 21  | 976104     | 4   | Flange screw                   |          |   |
| 22  | 3886666    | 1   | Cable, synchronizing           |          | Synchronizing cabel for twin installation. 6 pole., L=1.5m                          |
|     | 21166002   | 1   | Wiring harness                 |          | L=7m  |
|     | 21166003   | 1   | Wiring harness                 |          | L=9m  |
|     | 21166004   | 1   | Wiring harness                 |          | L=13m   |
| 23  | 3885343    | 1   | Wiring harness                 |          | Triple and quadruple installation.  |
| 24  | 3807229    | 1   | Wiring harness, fuel           |          |   |
| 25  | 40005753   | 1   | Wiring harness                 |          |   |
| 26  | 3588206    | 1   | Cable kit, y-split             |          | For connecting extra equipment to Multilink   |
| 27  | 3808852    | 1   | Cable kit, instruments, panels |          |   |
| 28  | 3587054    | 1   | Sensor                         |          | Through hull  |
| 29  | 3587055    | 1   | Sensor                         |          | Mounted on transom  |
| 30  | (21281264) | 1   | Converter                      |          | Obsolete part   |
| 31  |            | 1   | * Converter                    |          |   |
| 32  | 948211     | 2   | * Cable tie                    |          |   |
| 33  | 21509941   | 1   | Control unit                   |          |   |

D11A-C, D11A-D

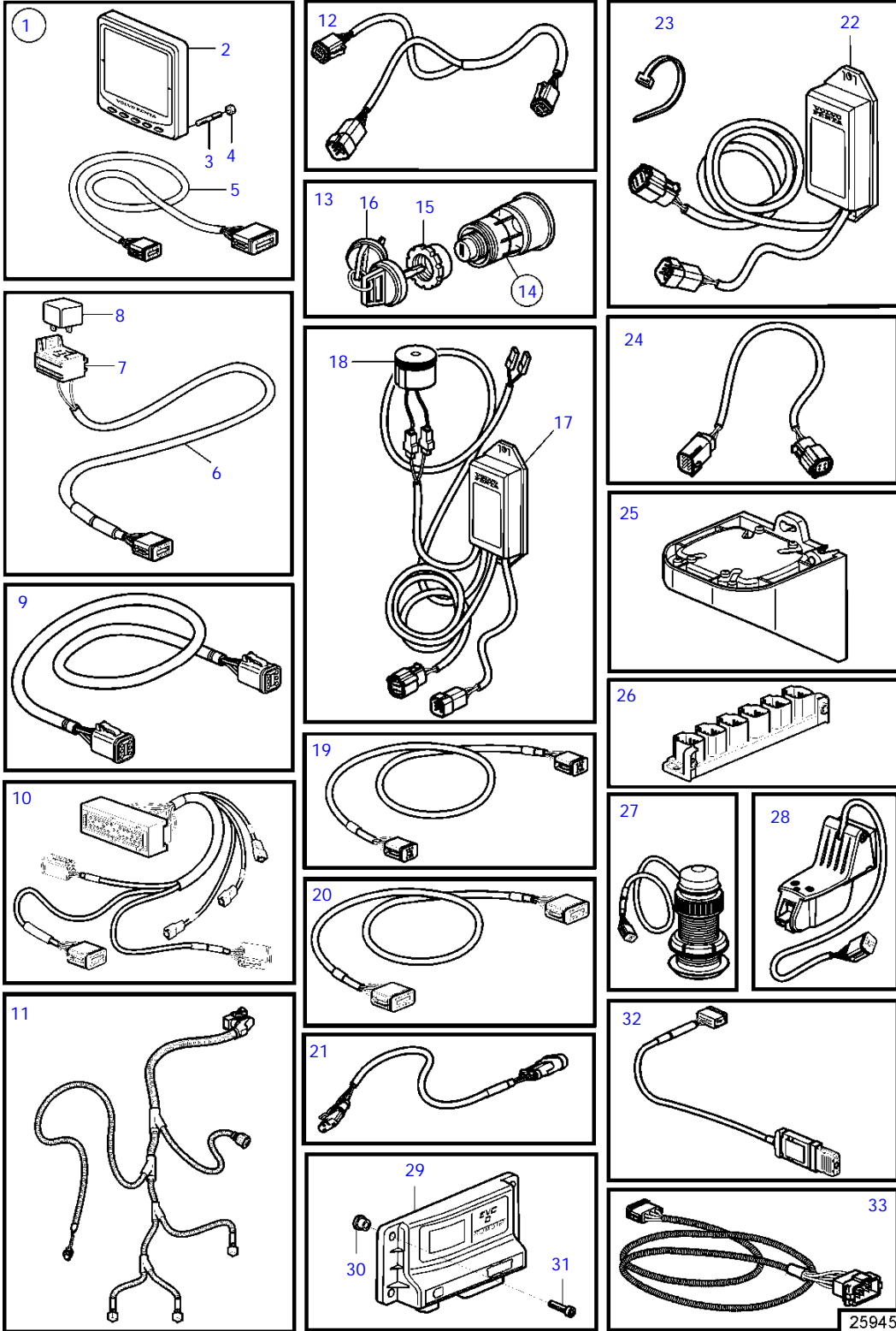


24860

## D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION                    | SEE SEC. | NOTES   |
|-----|------------|-----|--------------------------------|----------|---|
| 1   | 21352262   | 1   | Display                        |          | Replaced by 21631438  |
|     | 21631438   | 1   | Kit                            |          |   |
| 2   |            | 1   | * Display                      |          |   |
| 3   | 830928     | 4   | * Stud                         |          |   |
| 4   | 830930     | 4   | * Nut                          |          |   |
| 5   | 3588207    | 1   | * Cable kit                    |          |   |
| 6   | 881786     | 1   | Cable kit                      |          |   |
| 7   | 977184     | 1   | Housing                        |          |   |
| 8   | 873765     | 1   | Relay                          |          | 12V   |
|     | 3171420    | 1   | Relay                          |          | 24V   |
| 9   | 3842733    | 1   | Extension cable'verl           |          | L=3.0m  |
|     | 3842734    | 1   | Extension cable'verl           |          | L=5.0m  |
|     | 3842735    | 1   | Extension cable'verl           |          | L=7.0m  |
|     | 3842736    | 1   | Extension cable'verl           |          | L=9.0m  |
|     | 3842737    | 1   | Extension cable'verl           |          | L=11.0m   |
|     | 21172469   | 1   | Extension cable'verl           |          | L=20m   |
|     | 21172470   | 1   | Extension cable'verl           |          | L=40m   |
|     | 874789     | 1   | Cable kit                      |          | PCU-HCU, 6 pole, L=5.0m   |
|     | 889550     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=7.0m   |
|     | 889551     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=9.0m   |
|     | 889552     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=11.0m  |
|     | 888013     | 1   | Cable                          |          | PCU-HCU, 6 pole, L=13.0m  |
| 10  | 40005754   | 1   | Wiring harness                 |          | Engine-PCU cable., L=2.65m  |
| 11  | 874676     | 1   | Cable kit                      |          | EVC control lever cable, 6-pole., L=1.5m  |
| 12  | 3588972    | 1   | Cable kit                      |          | T-connector bus cable, 6-pole., L=0.5m  |
| 13  | 3587070    | 1   | Starter switch, set            |          | Kit with 2 key switch with identical key.   |
| 14  | 3587071    | 1   | Starter switch                 |          |   |
| 15  | 859955     | 1   | * Plastic nut                  |          |   |
| 16  | 859953     | 1   | * Key                          |          | State key code when ordering.   |
|     |            |     | * Bulletin 49-30               | 49-30-EN | Key P/N 859953  |
| 17  | 888004     | 1   | Cable, starter switch          |          |   |
| 18  | 21321153   | X   | Control unit, not programmed   |          | HCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586261    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586259    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 21172467   |     | Control unit                   |          | XCU   |
| 19  | 21339311   | X   | Control unit, not programmed   |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267    | X   | Software                       |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266    | X   | Software                       |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 20  | 21230875   | 4   | Sleeve                         |          |   |
| 21  | 976104     | 4   | Flange screw                   |          |   |
| 22  | 3886666    | 1   | Cable, synchronizing           |          | Synchronizing cabel for twin installation. 6 pole., L=1.5m                          |
|     | 21166002   | 1   | Wiring harness                 |          | L=7m  |
|     | 21166003   | 1   | Wiring harness                 |          | L=9m  |
|     | 21166004   | 1   | Wiring harness                 |          | L=13m   |
| 23  | 3885343    | 1   | Wiring harness                 |          | Triple and quadruple installation.  |
| 24  | 3807229    | 1   | Wiring harness, fuel           |          |   |
| 25  | 40005753   | 1   | Wiring harness                 |          |   |
| 26  | 3588206    | 1   | Cable kit, y-split             |          | For connecting extra equipment to Multilink   |
| 27  | 3808852    | 1   | Cable kit, instruments, panels |          |   |
| 28  | 3587054    | 1   | Sensor, multi-sensor           |          | Through hull  |
| 29  | 3587055    | 1   | Sensor, multi-sensor           |          | Mounted on transom  |
| 30  | (21281264) | 1   | Converter                      |          | Obsolete part   |
| 31  |            | 1   | * Converter                    |          |   |
| 32  | 948211     | 2   | * Cable tie                    |          |   |

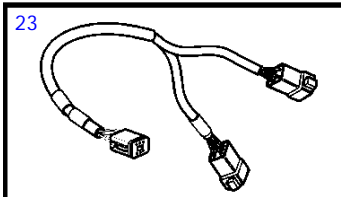
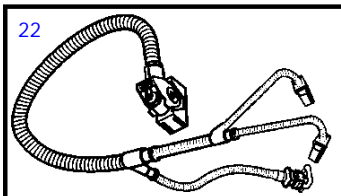
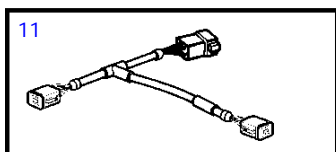
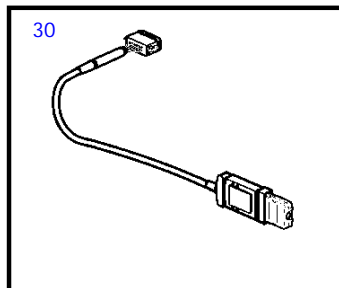
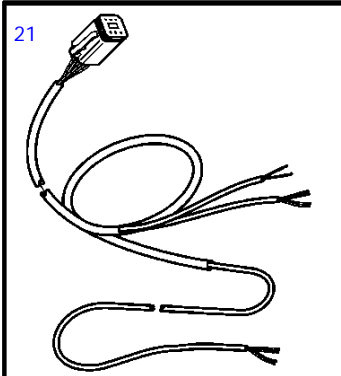
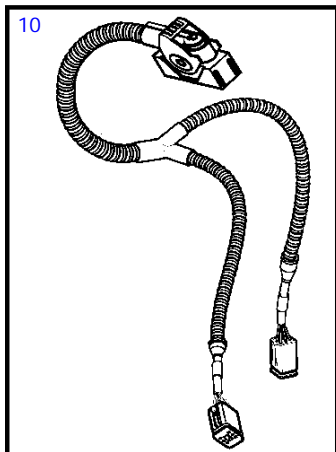
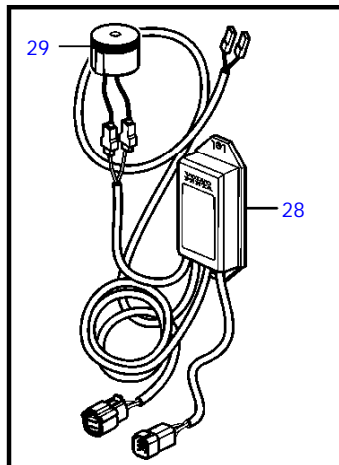
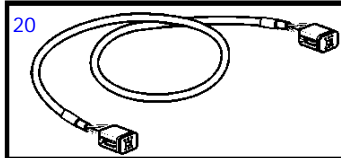
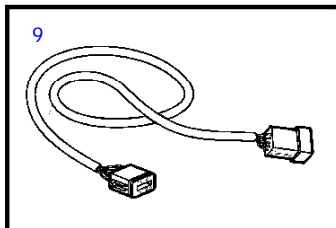
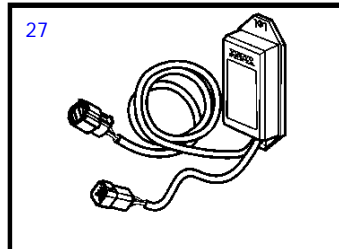
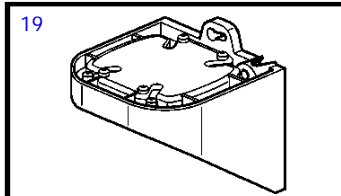
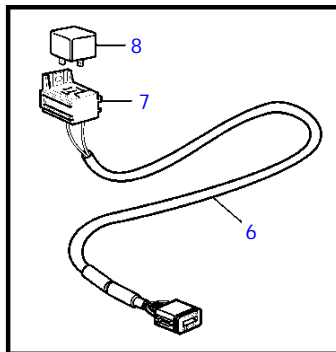
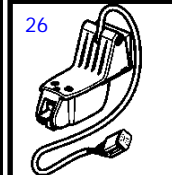
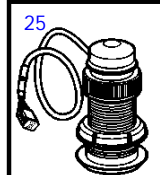
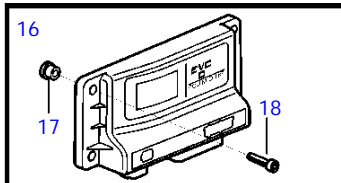
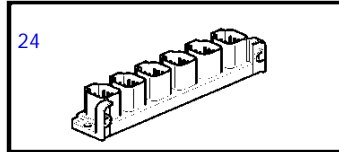
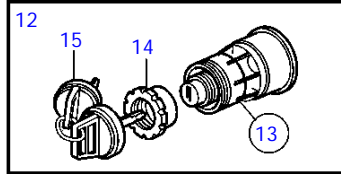
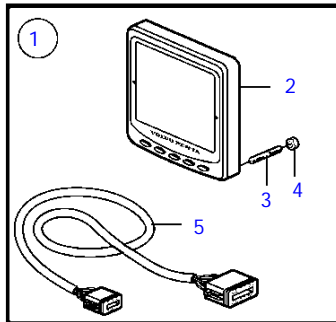
D11A-D, D11A-D MP IPS



## D11A-D, D11A-D MP IPS

| REF | PART NO.   | QTY | DESCRIPTION                  | SEE SEC. | NOTES   |
|-----|------------|-----|------------------------------|----------|---|
| 1   | 21352262   | 1   | Display                      |          | Information display, Replaced by 21631438   |
|     | 21631438   | 1   | Kit                          |          |   |
| 2   |            | 1   | * Display                    |          |   |
| 3   | 830928     | 4   | * Stud                       |          |   |
| 4   | 830930     | 4   | * Nut                        |          |   |
| 5   | 3588207    | 1   | * Cable kit                  |          |   |
| 6   | 21450563   | 1   | Cable                        |          | Relay cable. 6-pin. L=1,5m  |
| 7   | 977184     | 1   | * Housing                    |          |   |
| 8   | 873765     | 1   | Relay                        |          | 12V   |
|     | 3171420    | 1   | Relay                        |          | 24V   |
| 9   | 874789     | 1   | Cable kit                    |          | other EVC bus cable, 6-pin, L=5.0m  |
|     | 889550     | 1   | Cable                        |          | other EVC bus cable, 6-pin, L=7.0m  |
|     | 889551     | 1   | Cable                        |          | other EVC bus cable, 6-pin, L=9.0m  |
|     | 889552     | 1   | Cable                        |          | other EVC bus cable, 6-pin, L=11.0m   |
|     | 888013     | 1   | Cable                        |          | other EVC bus cable, 6-pin, L=13.0m   |
| 10  | 21122603   | 1   | Cable                        |          | Engine-PCU cable., L=3.0m   |
|     | 21122605   | 1   | Cable                        |          | Engine-PCU cable., L=5.0m   |
| 11  | 40005751   | 1   | Wiring harness               |          | Transmission ZF, L=6.0' (1.8m)  |
|     | (40005752) | 1   | Wiring harness               |          | Obsolete part, Transmission MG, L=6.0' (1.8m)                                       |
|     | 21159075   | 1   | Wiring harness               |          | Transmission MGX, L=1,2m  |
| 12  | 3588972    | 1   | Cable kit                    |          | Y-connector bus cable, 6-pole. HCU, PCU, SUS, L=0.5m                                |
| 13  | 3587070    | 1   | Starter switch               |          | Kit with 2 key switch with identical key.   |
| 14  | 3587071    | 2   | * Starter switch             |          |   |
| 15  | 859955     | 1   | * * Plastic nut              |          |   |
| 16  | 859953     | 1   | * * Key                      |          | State key code when ordering.   |
|     |            |     | * Bulletin 49-30             | 49-30-EN | Key P/N 859953  |
| 17  | 21461496   | 1   | Network adapter              |          | Analog key interface  |
| 18  | 3817974    | 1   | * Alarm                      |          |   |
| 19  | 3886666    | 1   | Cable                        |          | Multilink/tachometer/synchronization cable, 6-pin. L=1,5m                           |
| 20  | 3889410    | 1   | Extension cable'verl         |          | L=1.5m  |
|     | 3842733    | 1   | Extension cable'verl         |          | L=3.0m  |
|     | 3842734    | 1   | Extension cable'verl         |          | L=5.0m  |
|     | 3842735    | 1   | Extension cable'verl         |          | L=7.0m  |
|     | 3842736    | 1   | Extension cable'verl         |          | L=9.0m  |
|     | 3842737    | 1   | Extension cable'verl         |          | L=11.0m   |
|     | 21172469   | 1   | Extension cable'verl         |          | L=20,0m   |
|     | 21172470   | 1   | Extension cable'verl         |          | L=40,0m   |
| 21  | 874759     | 1   | Extension cable'verl         |          | 3-pin, L=1,0m   |
|     | 3807043    | 1   | Extension cable'verl         |          | 3-pin, L=3.0m   |
| 22  | 21460908   | 1   | Converter                    |          | Analog lever interface  |
| 23  | 948211     | X   | Cable tie                    |          | State key code when ordering.   |
| 24  | 21421946   | 1   | Cable                        |          | AKI connection 4/8 pin  |
|     | 21421945   | 1   | Cable                        |          | 4-20mA interface  |
| 25  | 21520222   | 1   | Control unit                 |          | HCU. separate mounting, Software ordered separately or downloaded with Vodia.       |
|     | 3586259    | 1   | Software                     |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 3586261    | 1   | Software                     |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
| 26  | 21469055   | 1   | Connection block             |          |   |
| 27  | 3587054    | 1   | Sensor                       |          | Through hull  |
| 28  | 3587055    | 1   | Sensor                       |          | Mounted on transom  |
| 29  | 21469059   | X   | Control unit, not programmed |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267    | X   | Software                     |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266    | X   | Software                     |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 30  | 21230875   | 2   | * Sleeve                     |          | 1 pce 21230875 includes 4 pcs sleeve.   |
| 31  | 976104     | 4   | Flange screw                 |          |   |
| 32  | 21509941   | 1   | Control unit                 |          |   |
| 33  | 874387     | 1   | Extension cable'verl         |          | Connection cable EDC, CIU., L=9.0m  |

D11A-D

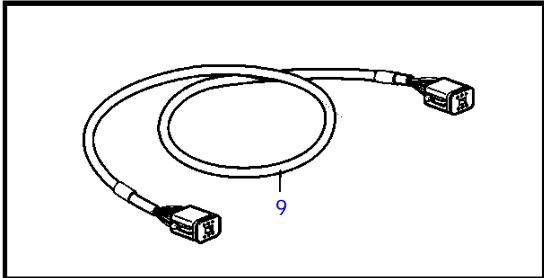
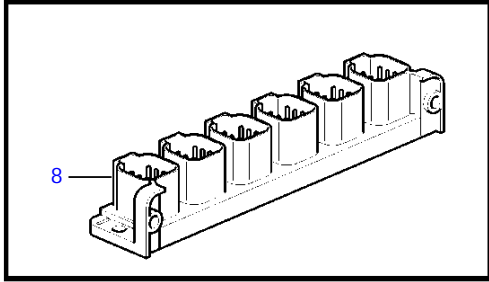
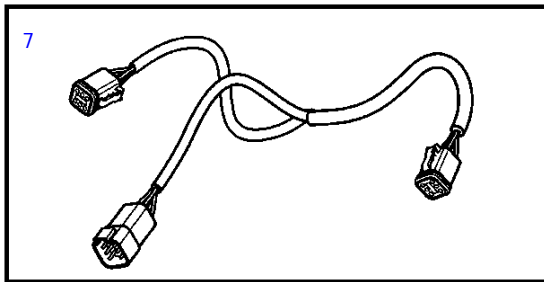
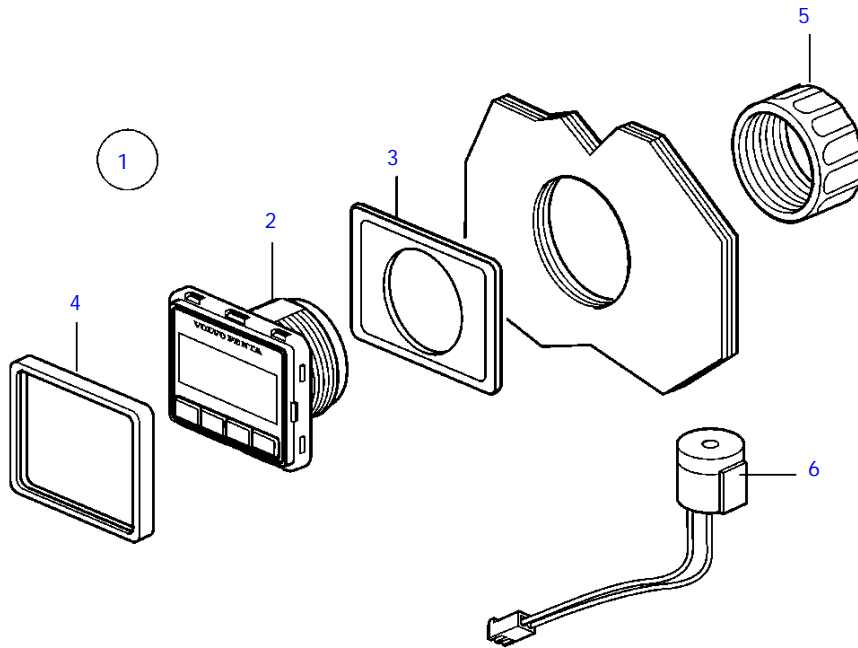


25991

## D11A-D

| REF | PART NO. | QTY | DESCRIPTION                  | SEE SEC. | NOTES   |
|-----|----------|-----|------------------------------|----------|---|
| 1   | 21352262 | 1   | Display                      |          | Replaced by 21631438  |
|     | 21631438 | 1   | Kit                          |          |   |
| 2   |          | 1   | * Display                    |          |   |
| 3   | 830928   | 4   | * Stud                       |          |   |
| 4   | 830930   | 4   | * Nut                        |          |   |
| 5   | 3588207  | 1   | * Cable kit                  |          |   |
| 6   | 21427463 | 1   | Cable                        |          | Relay cable. 6-pin. L=1.5m  |
| 7   | 977184   | 1   | Housing                      |          |   |
| 8   | 873765   | 1   | Relay                        |          | 12V   |
|     | 3171420  | 1   | Relay                        |          | 24V   |
| 9   | 3889410  | 1   | Extension cable'verl         |          | L=1.5m, DPH-B   |
|     | 3842733  | 1   | Extension cable'verl         |          | L=3.0m  |
|     | 3842734  | 1   | Extension cable'verl         |          | L=5.0m  |
|     | 3842735  | 1   | Extension cable'verl         |          | L=7.0m  |
|     | 3842736  | 1   | Extension cable'verl         |          | L=9.0m  |
|     | 3842737  | 1   | Extension cable'verl         |          | L=11.0m   |
|     | 21172469 | 1   | Extension cable'verl         |          | L=20m   |
|     | 21172470 | 1   | Extension cable'verl         |          | L=40m   |
| 10  | 40005754 | 1   | Wiring harness               |          | Engine-PCU cable., L=2.65m  |
| 11  | 3588972  | 1   | Cable kit                    |          | T-connector bus cable, 6-pole., L=0.5m  |
| 12  | 3587070  | 1   | Starter switch, set          |          | Kit with 2 key switch with identical key.   |
| 13  | 3587071  | 1   | Starter switch               |          |   |
| 14  | 859955   | 1   | * Plastic nut                |          |   |
| 15  | 859953   | 1   | * Key                        |          | State key code when ordering.   |
|     |          |     | * Bulletin 49-30             | 49-30-EN | Key P/N 859953  |
| 16  | 21469059 | X   | Control unit, not programmed |          | PCU. Software ordered separately or downloaded with Vodia.                          |
|     | 3586267  | X   | Software                     |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
|     | 3586266  | X   | Software                     |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
| 17  | 21230875 | 4   | * Sleeve                     |          |   |
| 18  | 976104   | 4   | Flange screw                 |          |   |
| 19  | 21520222 | 1   | Control unit                 |          | HCU. separate mounting. Software ordered separately or downloaded with Vodia.       |
|     | 3586259  | 1   | Software                     |          | Vodia-programming. This p/n can not be ordered, but will be used for invoicing.     |
|     | 3586261  | 1   | Software                     |          | Warehouse programming. This p/n can not be ordered, but will be used for invoicing. |
| 20  | 3886666  | 1   | Cable, synchronizing         |          | Synchronizing cabel for twin installation. 6 pole., L=1.5m                          |
| 21  | 3807229  | 1   | Wiring harness, fuel         |          |   |
| 22  | 40005753 | 1   | Wiring harness               |          | Transmission cable for reverse gear   |
| 23  | 3588206  | 1   | Cable kit, y-split           |          | For connecting extra equipment to Multilink   |
| 24  | 21469055 | 1   | Connection block             |          |   |
| 25  | 3587054  | 1   | Sensor                       |          | Through hull  |
| 26  | 3587055  | 1   | Sensor                       |          | Mounted on transom  |
| 27  | 21460908 | 1   | Converter                    |          |   |
| 28  | 21461496 | 1   | Network adapter              |          |   |
| 29  | 3817974  | 1   | * Alarm                      |          |   |
| 30  | 21509941 | 1   | Control unit                 |          |   |

D11A-D



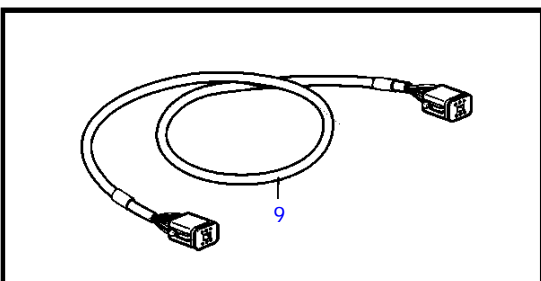
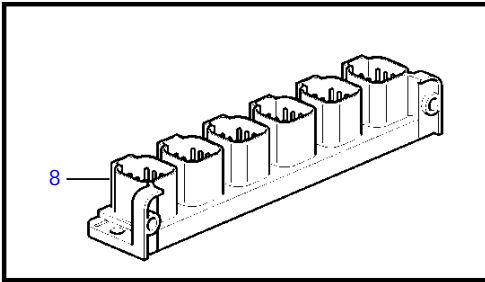
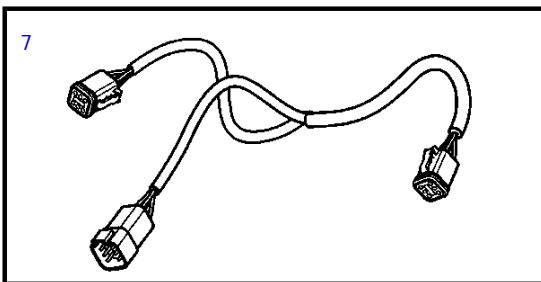
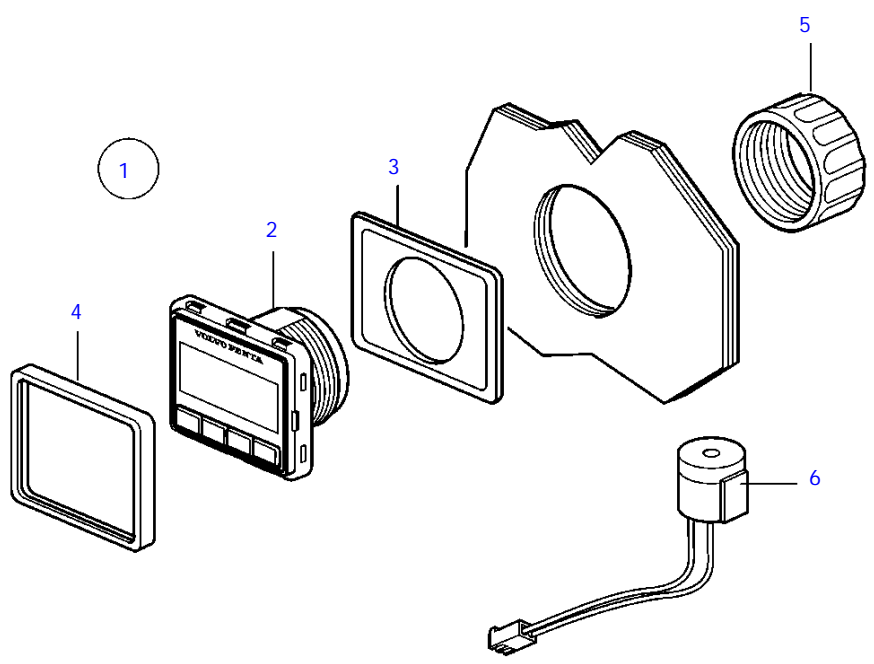
25294



D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES                     |
|-----|----------|-----|------------------|---------------------------|
| 1   | 21761722 | 1   | Display          | Flexidisplay button panel |
| 2   |          | 1   | • Display        |                           |
| 3   | 3808135  | 1   | • Gasket         |                           |
| 4   | 21467057 | 1   | • Frame          |                           |
| 5   | 874450   | 1   | • Attaching ring |                           |
| 6   | 21358227 | 1   | • Buzzer         | 12V                       |
| 7   | 3588972  | 1   | Cable kit        |                           |
| 8   | 21469055 | 1   | Connection block |                           |
| 9   | 3886666  | 3   | Cable            |                           |

D11A-D

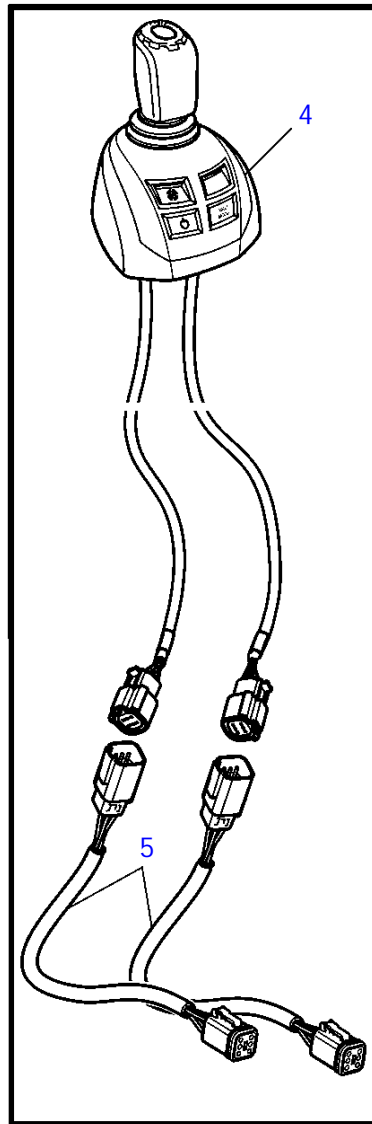
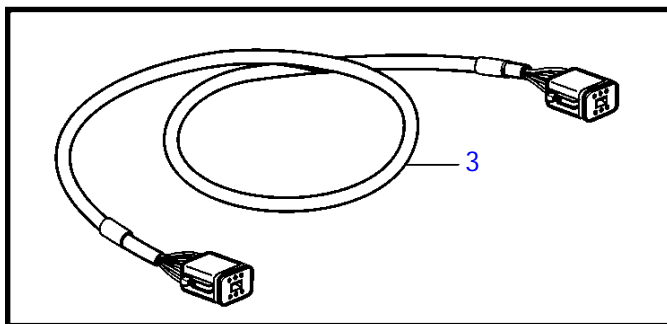
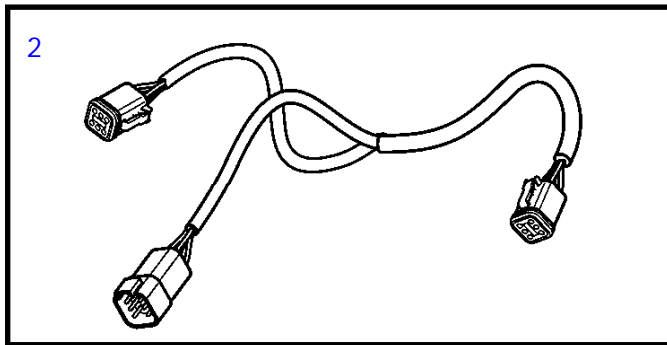
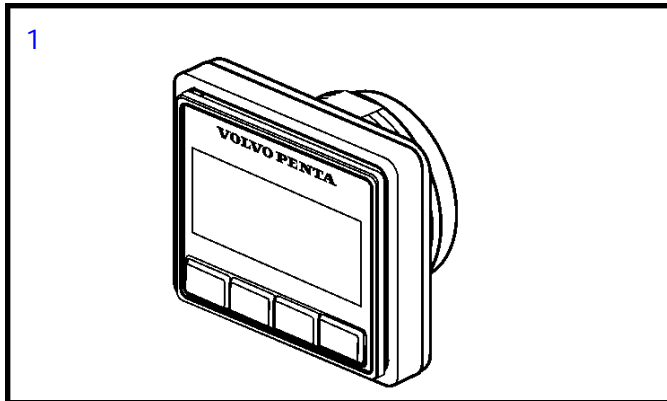


25294

D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES                     |
|-----|----------|-----|------------------|---------------------------|
| 1   | 21761722 | 1   | Display          | Flexidisplay button panel |
| 2   |          | 1   | * Display        |                           |
| 3   | 3808135  | 1   | * Gasket         |                           |
| 4   | 21467057 | 1   | * Frame          |                           |
| 5   | 874450   | 1   | * Attaching ring |                           |
| 6   | 21358227 | 1   | * Buzzer         | 12V                       |
| 7   | 3588972  | 2   | Cable kit        |                           |
| 8   | 21469055 | 1   | Connection block |                           |
| 9   | 3886666  | 6   | Cable            |                           |

D11A-D MP IPS

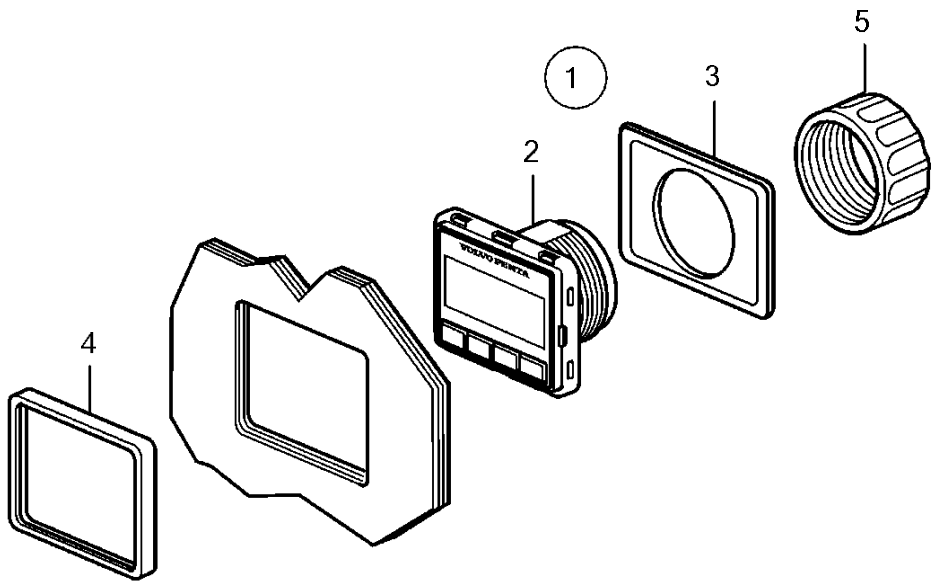


25309

D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION |
|-----|----------|-----|-------------|
| 1   | 21761722 | 1   | Display     |
| 2   | 3588972  | 2   | Cable kit   |
| 3   | 3886666  | 1   | Cable       |
| 4   | 21466165 | 1   | Kit         |
| 5   | 21421926 | 2   | * Cable     |

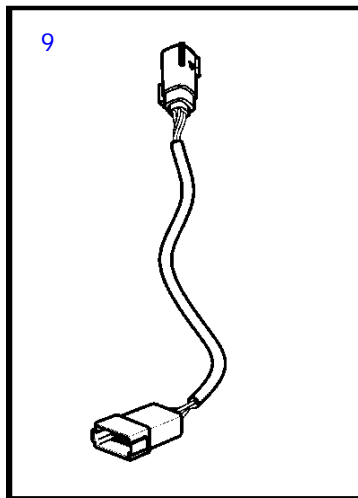
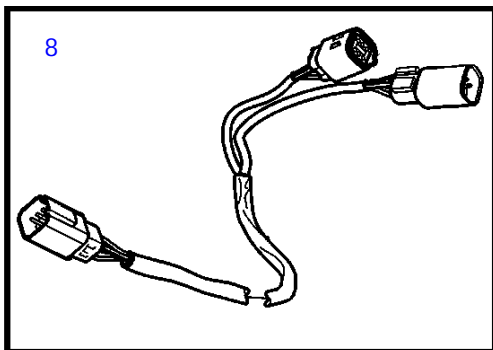
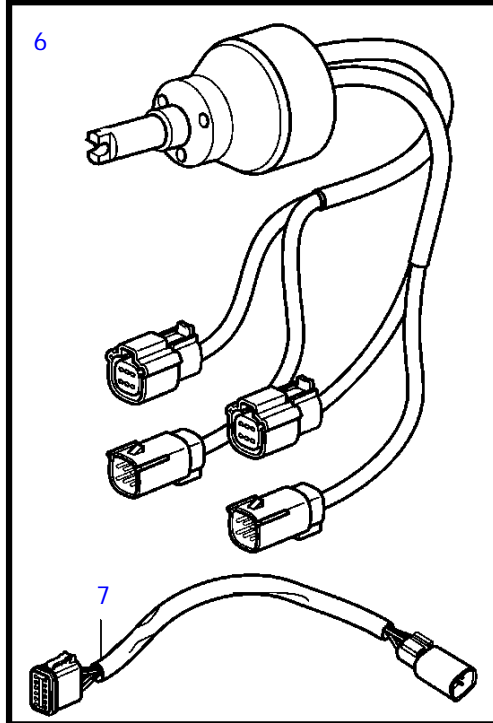
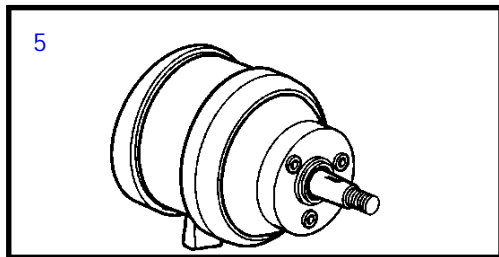
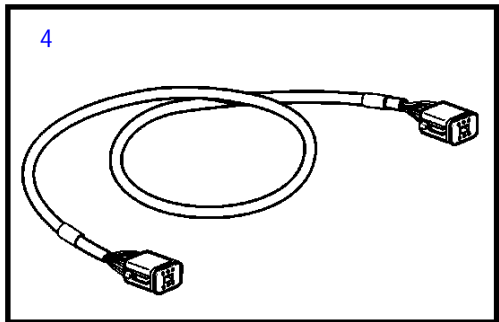
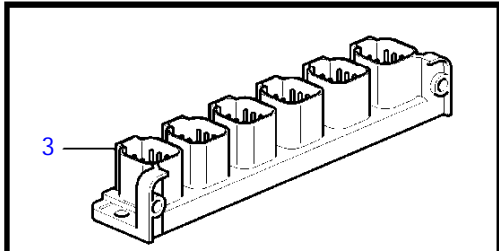
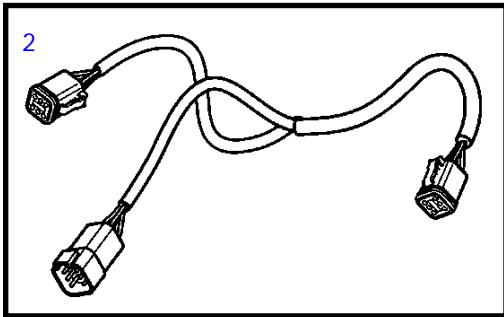
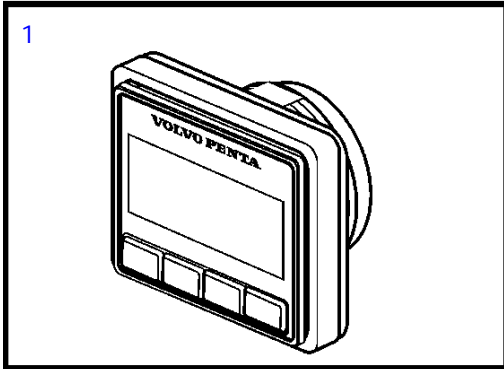
D11A-D



26041



D11A-D



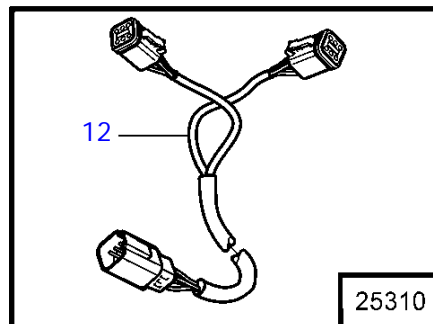
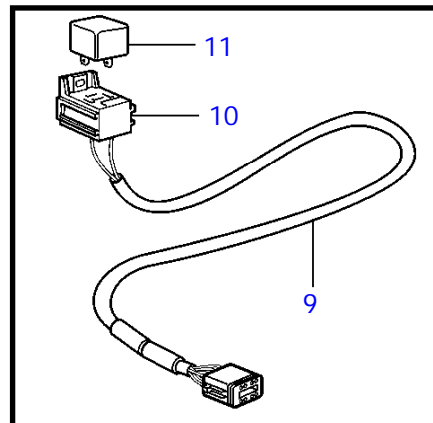
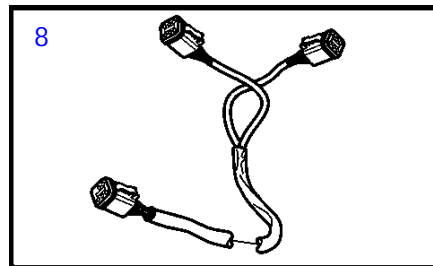
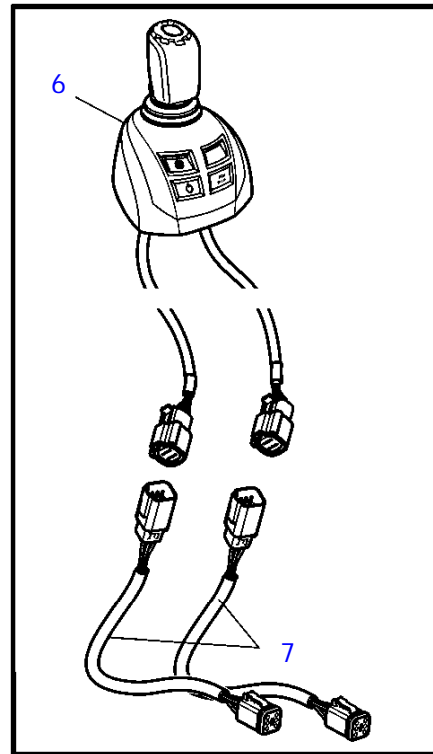
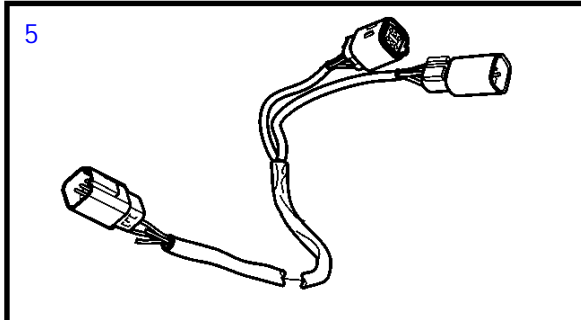
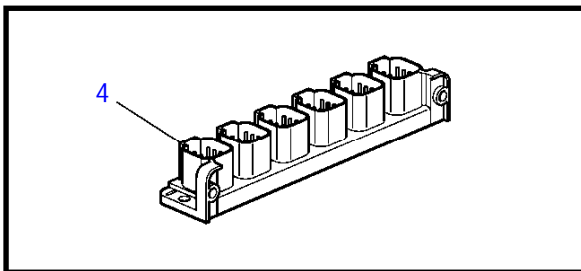
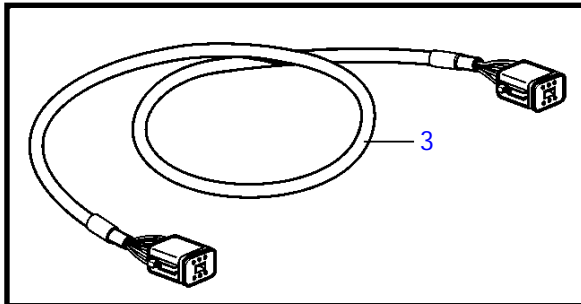
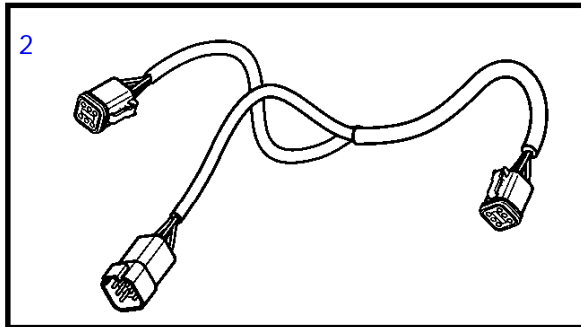
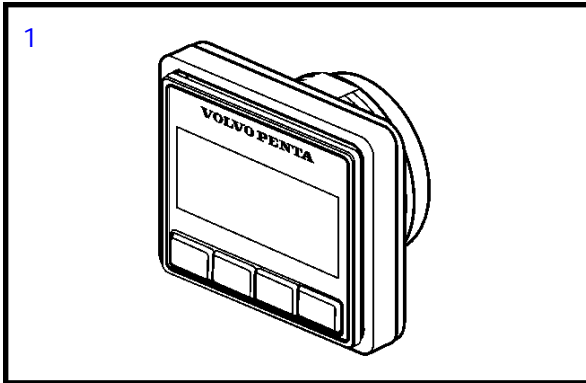
25301



D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | NOTES                            |
|-----|----------|-----|----------------------|----------------------------------|
| 1   | 21761722 | 1   | Display              | Flexidisplay button panel        |
| 2   | 3588972  | 3   | Cable kit            |                                  |
| 3   | 21469055 | 2   | Connection block     |                                  |
| 4   | 3886666  | 7   | Cable                |                                  |
| 5   | 3841280  | 1   | Steering wheel adjus |                                  |
| 6   | 21469560 | 1   | Steering wheel hub   |                                  |
| 7   | 21421942 | 1   | Cable                | Alternative for EVC-C3           |
| 8   | 21421941 | 2   | Cable                | For EVC system and hub 21469560. |
| 9   | 21287072 | 1   | Wiring harness       |                                  |

D11A-D MP IPS

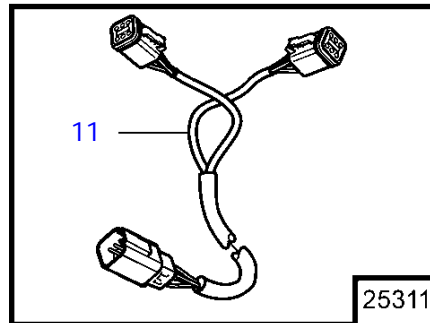
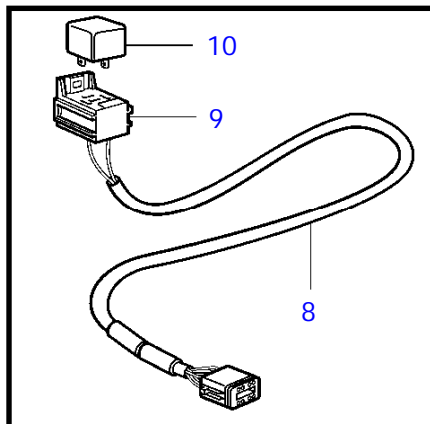
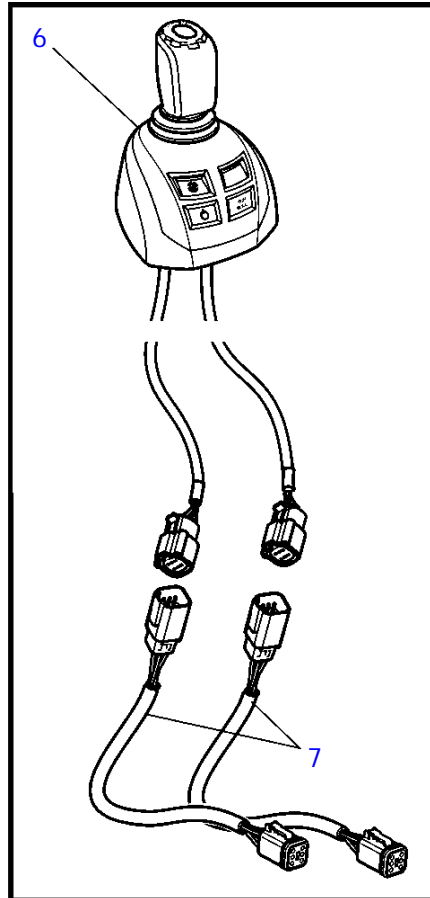
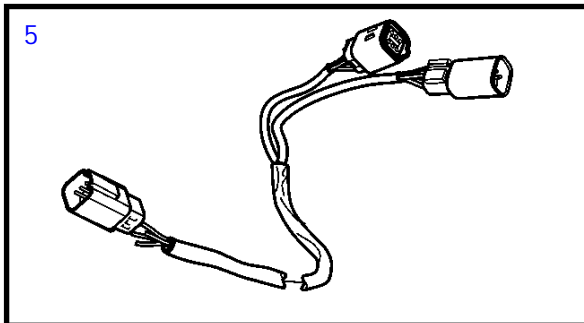
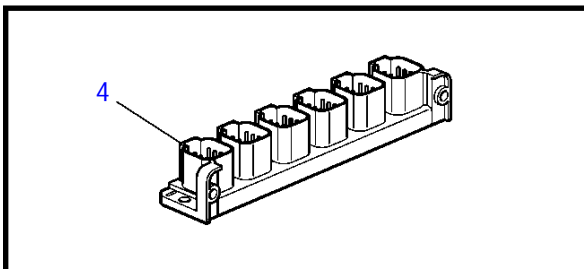
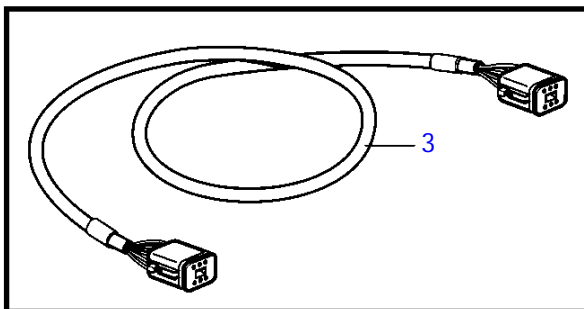
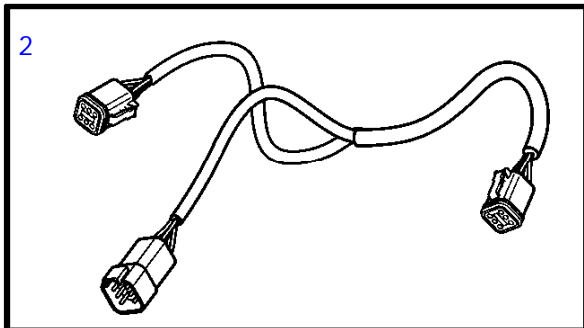
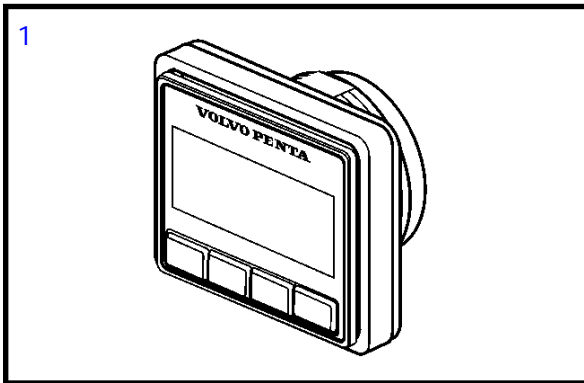


25310

D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION      | NOTES |
|-----|----------|-----|------------------|-------|
| 1   | 21761722 | 1   | Display          |       |
| 2   | 3588972  | 3   | Cable kit        |       |
| 3   | 3886666  | 1   | Cable            |       |
| 4   | 21469055 | 1   | Connection block |       |
| 5   | 21421941 | 2   | Cable            |       |
| 6   | 21466165 | 1   | Kit              |       |
| 7   | 21421926 | 2   | * Cable          |       |
| 8   | 21427460 | 1   | Cable            |       |
| 9   | 21450563 | 2   | Cable            |       |
| 10  | 977184   | 1   | * Housing        |       |
| 11  | 873765   | 1   | Relay            | 12V   |
|     | 3171420  | 1   | Relay            | 24V   |
| 12  | 21287072 | 1   | Wiring harness   |       |

D11A-D MP IPS

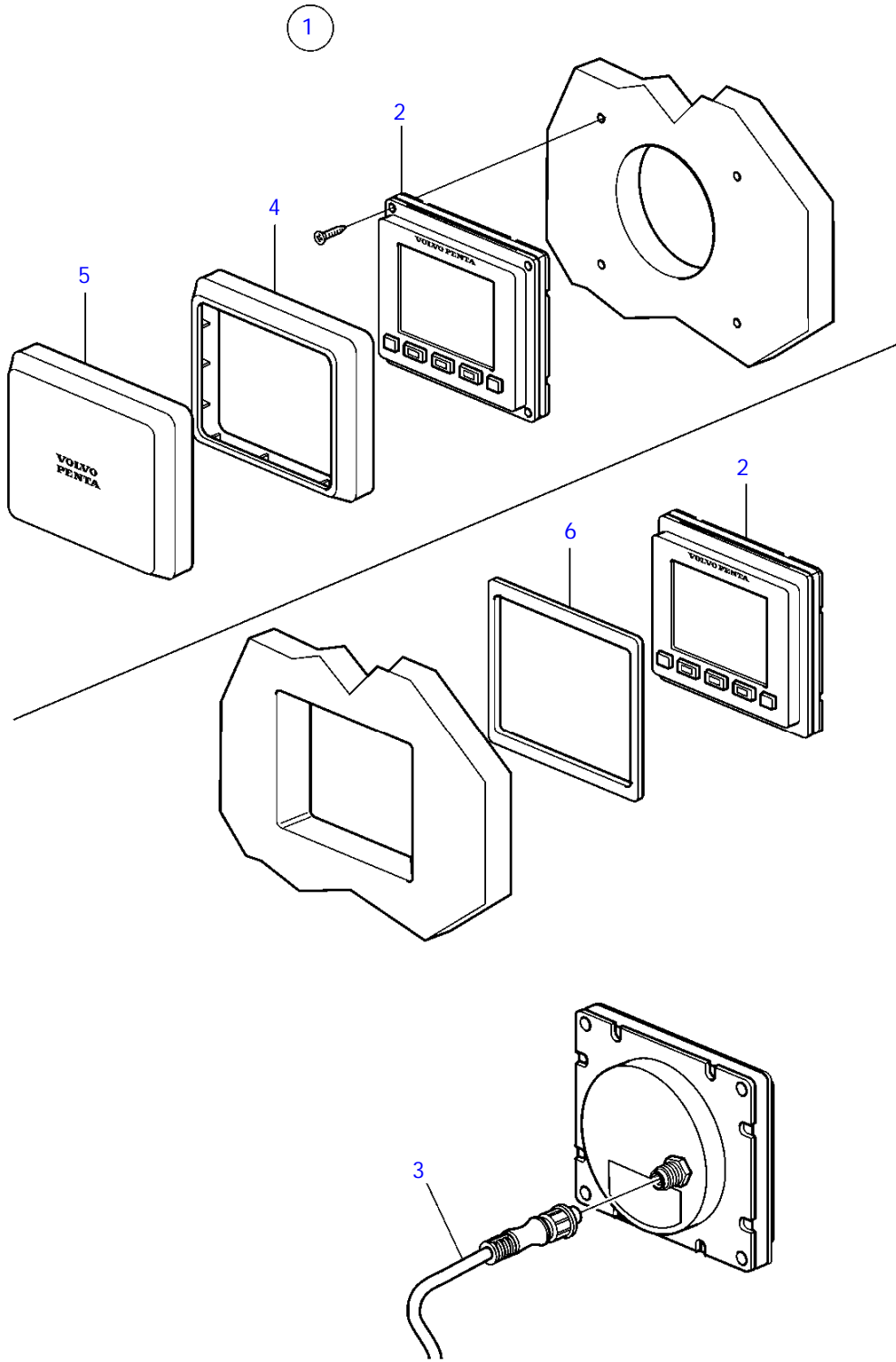


25311

D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION      | NOTES |
|-----|----------|-----|------------------|-------|
| 1   | 21761722 | 1   | Display          |       |
| 2   | 3588972  | 4   | Cable kit        |       |
| 3   | 3886666  | 1   | Cable            |       |
| 4   | 21469055 | 1   | Connection block |       |
| 5   | 21421941 | 2   | Cable            |       |
| 6   | 21466165 | 1   | Kit              |       |
| 7   | 21421926 | 2   | * Cable          |       |
| 8   | 21450563 | 2   | Cable            |       |
| 9   | 977184   | 1   | * Housing        |       |
| 10  | 873765   | 1   | Relay            | 12V   |
|     | 3171420  | 1   | Relay            | 24V   |
| 11  | 21287072 | 1   | Wiring harness   |       |

D11A-A, D11A-B, D11A-C, D11A-D

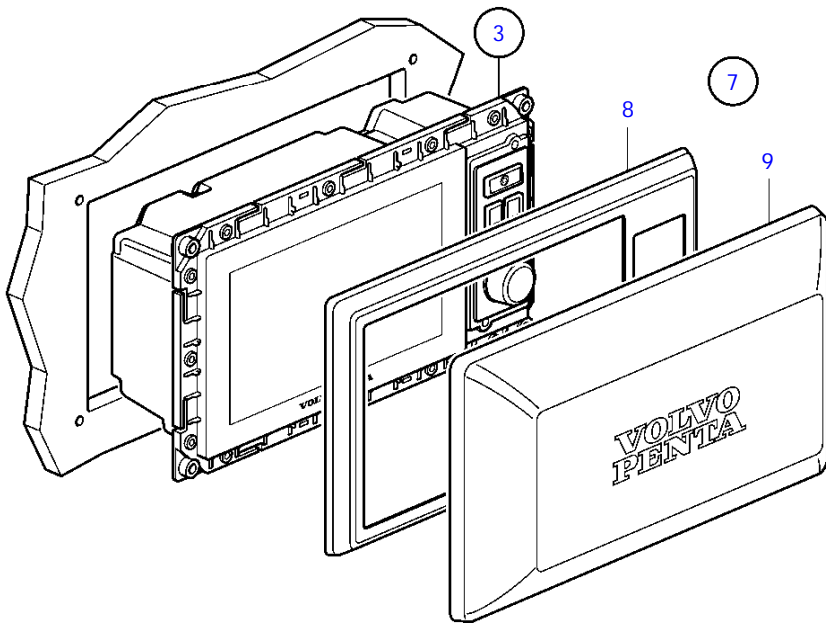
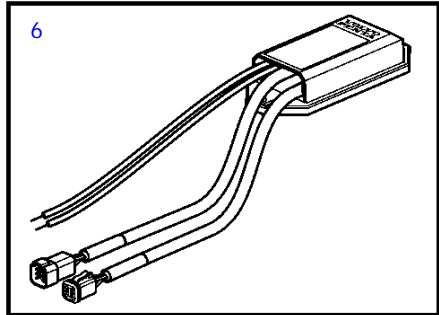
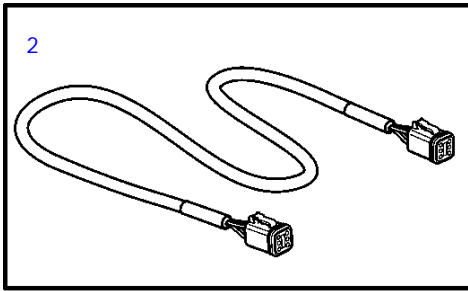
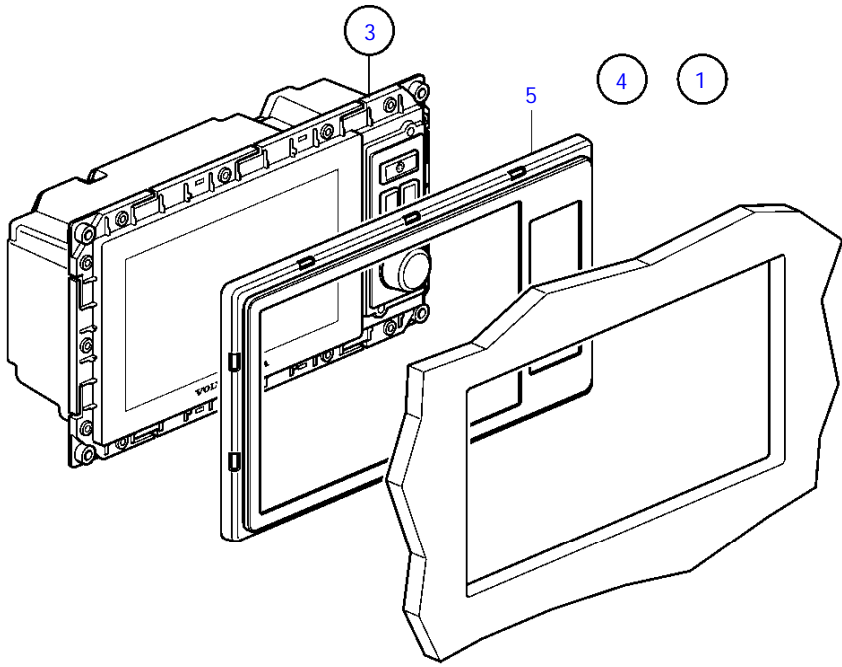


25864

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION  | NOTES               |
|-----|----------|-----|--------------|---------------------|
| 1   | 21584186 | 1   | Display, kit |                     |
| 2   |          | 1   | * Display    |                     |
| 3   | 21640400 | 1   | * Cable      |                     |
| 4   | 21611210 | 1   | * Frame      | For top mounting    |
| 5   | 21611208 | 1   | * Cover      | For top mounting    |
| 6   | 21693705 | 1   | * Gasket     | For flush mounting. |

D11A-A, D11A-B, D11A-C, D11A-D



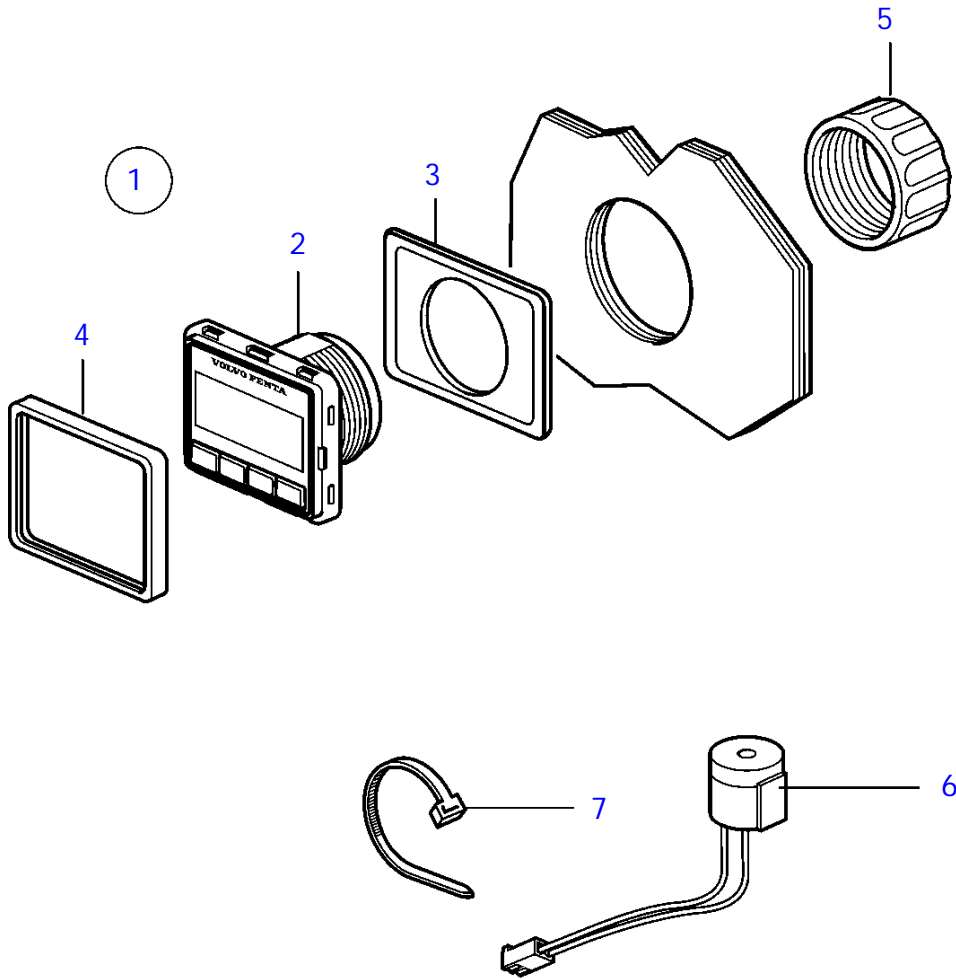
25293



D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO.   | QTY | DESCRIPTION     | NOTES   |
|-----|------------|-----|-----------------|---|
| 1   | 21501717   | 1   | Display         | For flush mounting., replaced by next part number |
|     | 21685202   |     | Display         | For flush mounting.                               |
| 2   | 21514712   | 1   | • Cable         |   |
| 3   |            | 1   | • Kit           |   |
|     |            | 1   | • • Display     |   |
| 4   |            | 1   | • Display       | For flush mounting.                               |
| 5   |            | 1   | • • Frame       |   |
| 6   | 21379779   | 1   | Network adapter | 12V   |
| 7   | 21330289   | 1   | Kit             | For top mounting                                  |
| 8   | (21143284) | 1   | • Frame         | Obsolete part                                     |
| 9   | 21144292   | 1   | • Cover         |   |

D11A-C, D11A-D

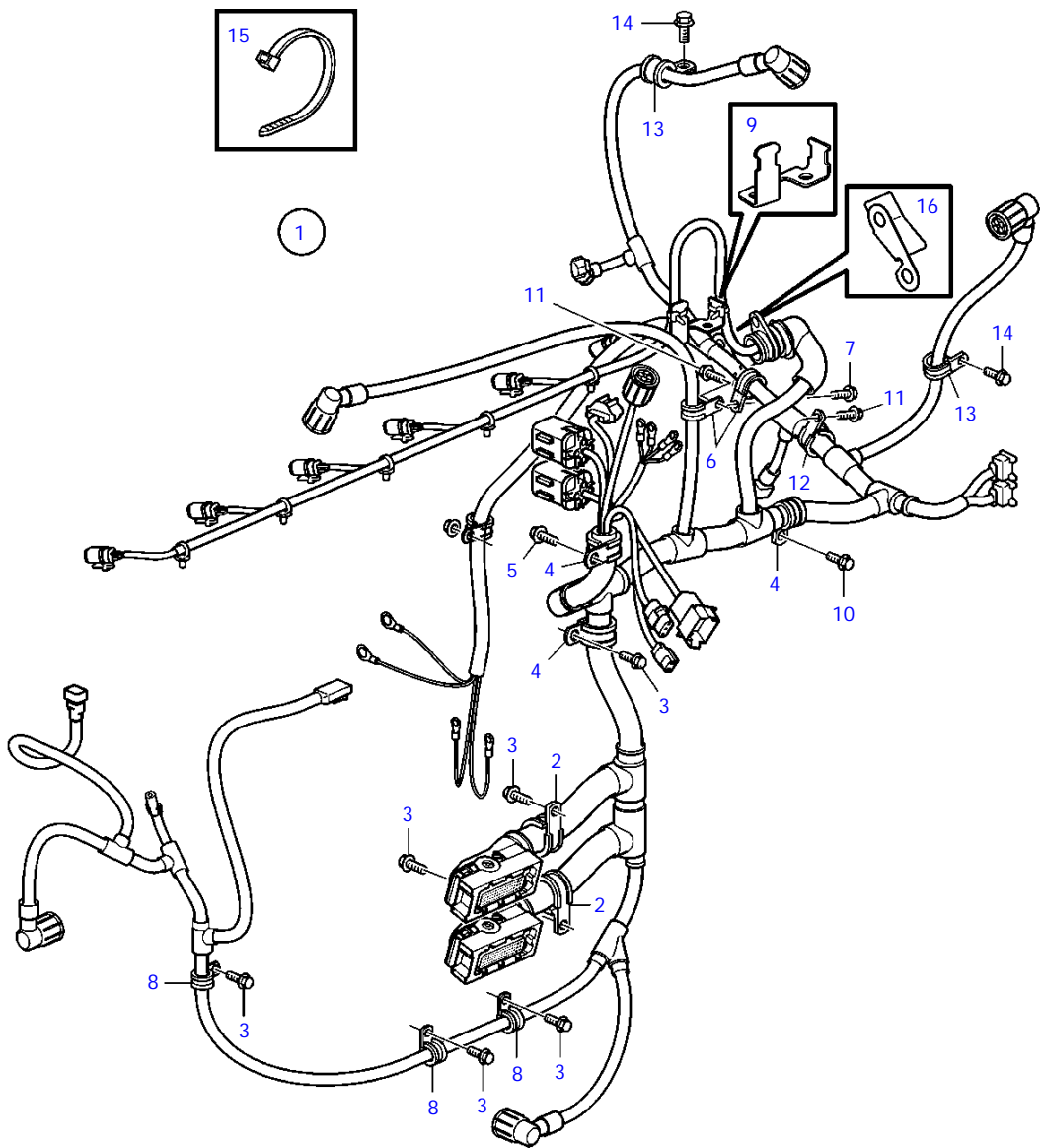


25281

D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES                     |
|-----|----------|-----|------------------|---------------------------|
| 1   | 21761722 | 1   | Display          | 2,5" generic button panel |
| 2   |          | 1   | * Display        |                           |
| 3   | 3808135  | 1   | * Gasket         |                           |
| 4   | 21467057 | 1   | * Frame          |                           |
| 5   | 874450   | 1   | * Attaching ring |                           |
| 6   | 21358227 | 1   | * Buzzer         | 12V                       |
| 7   | 948211   | X   | Cable tie        | For top mounting          |

D11A-A, D11A-B, D11A-C, D11A-D

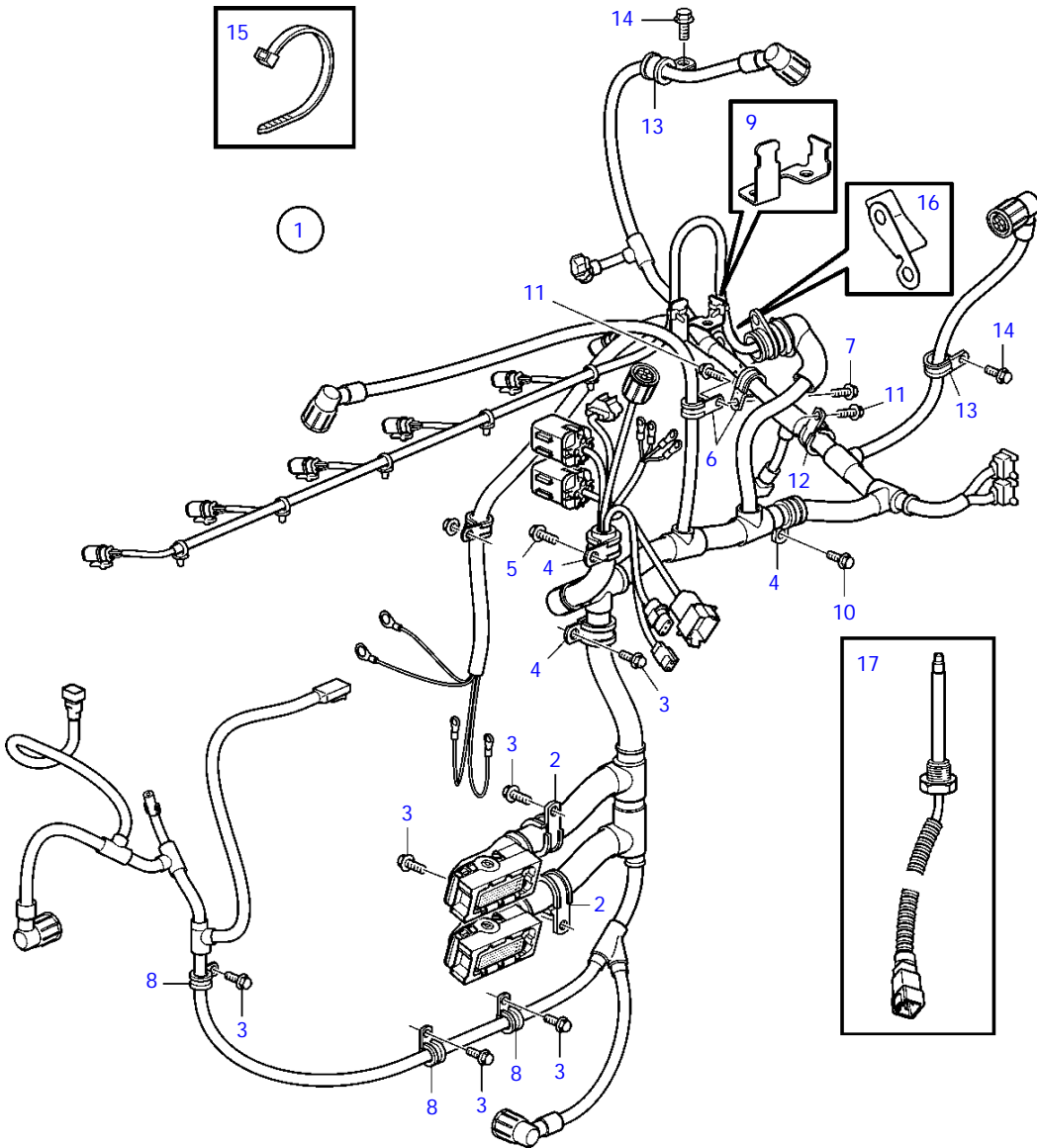


24112

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION    | NOTES              |
|-----|----------|-----|----------------|--------------------|
| 1   | 3883464  | 1   | Wiring harness | 24V, SN-7011190474 |
| 2   | 949997   | 2   | Clamp          |                    |
| 3   | 946440   | 6   | Flange screw   |                    |
| 4   | 947827   | 2   | Clamp          |                    |
| 5   | 946173   | 1   | Flange screw   |                    |
| 6   | 952629   | 2   | Clamp          |                    |
| 7   | 946544   | 2   | Flange screw   |                    |
| 8   | 949746   | 3   | Clamp          |                    |
| 9   |          | 1   | Guide bracket  |                    |
| 10  | 946173   | 1   | Flange screw   |                    |
| 11  | 946934   | 2   | Flange screw   |                    |
| 12  | 952632   | 1   | Clamp          |                    |
| 13  | 952627   | 2   | Clamp          |                    |
| 14  | 946544   | 2   | Flange screw   |                    |
| 15  | 948211   | X   | Cable tie      |                    |
| 16  |          | 1   | Bracket        |                    |

D11A-A, D11A-B, D11A-C, D11A-D

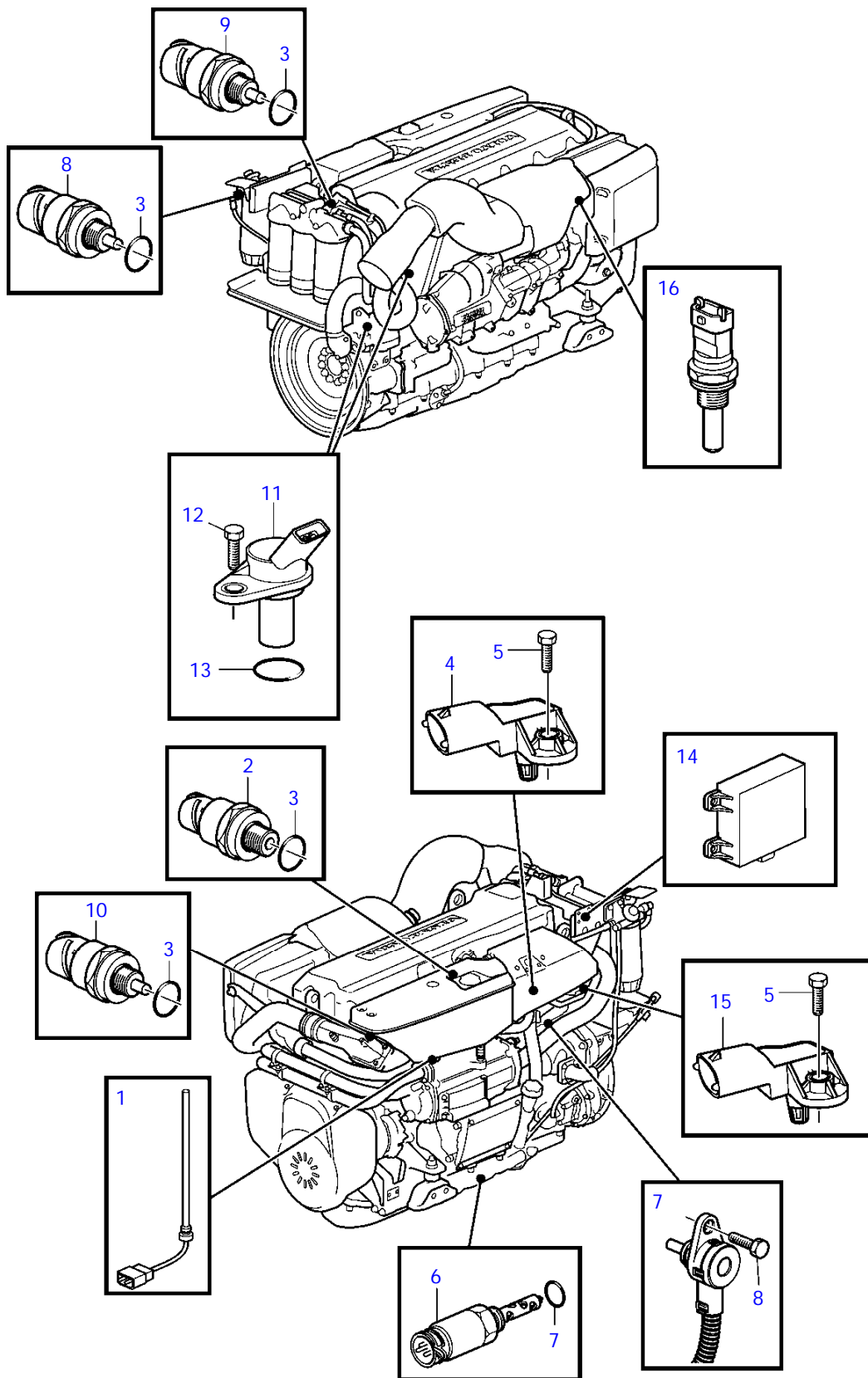


25565

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION        | NOTES              |
|-----|----------|-----|--------------------|--------------------|
| 1   | 21388841 | 1   | Wiring harness     | 24V, SN7011190475- |
| 2   | 949997   | 2   | Clamp              |                    |
| 3   | 946440   | 6   | Flange screw       |                    |
| 4   | 947827   | 2   | Clamp              |                    |
| 5   | 946173   | 1   | Flange screw       |                    |
| 6   | 952629   | 2   | Clamp              |                    |
| 7   | 946544   | 2   | Flange screw       |                    |
| 8   | 949746   | 3   | Clamp              |                    |
| 9   |          | 1   | Guide bracket      |                    |
| 10  | 946173   | 1   | Flange screw       |                    |
| 11  | 946934   | 2   | Flange screw       |                    |
| 12  | 952632   | 1   | Clamp              |                    |
| 13  | 952627   | 2   | Clamp              |                    |
| 14  | 946544   | 2   | Flange screw       |                    |
| 15  | 948211   | X   | Cable tie          |                    |
| 16  |          | 1   | Bracket            |                    |
| 17  | 21164790 | 1   | Temperature sensor |                    |

D11A-A, D11A-D



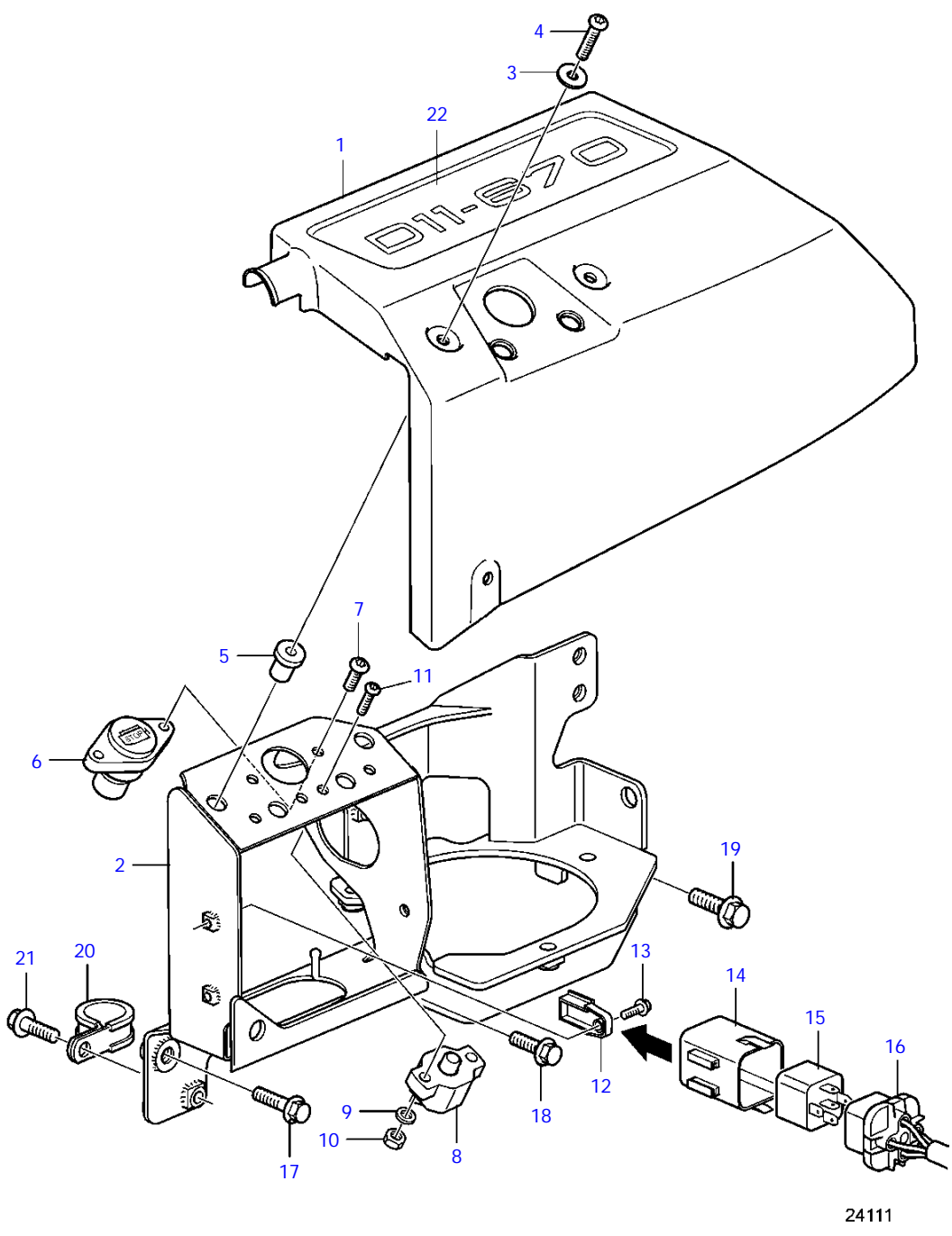
25370



D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                               | NOTES |
|-----|----------|-----|---|-------|
| 1   | 3588990  | 1   | Level sensor, expansion tank              |       |
| 2   | 20796744 | 1   | Pressure sensor, crankcase pressure       |       |
| 3   | 968559   | 4   | O-ring                                    |       |
| 4   | 20524936 | 1   | Pressure sensor, charge air pressure/temp |       |
| 5   | 946544   | 2   | Flange screw                              |       |
| 6   | 874328   | 1   | Level guard, oil                          |       |
| 7   | 11998    | 1   | Gasket                                    |       |
| 8   | 1077574  | 1   | Sensor, fuel pressure                     |       |
| 9   | 1077574  | 1   | Sensor, oil pressure/temperature          |       |
| 10  | 1077574  | 1   | Sensor, pressure monitor/piston cooling   |       |
| 11  | 20513343 | 2   | Sensor, rpm cam gear, flywheel            |       |
| 12  | 946544   | 1   | Flange screw                              |       |
| 13  | 974673   | 1   | O-ring                                    |       |
| 14  | 3842462  | 1   | Voltage converter                         | 12V   |
| 15  | 20524936 | 1   | Pressure sensor, charge air pressure/temp |       |
| 16  | 20513340 | 1   | Sensor, temperature sensor                |       |

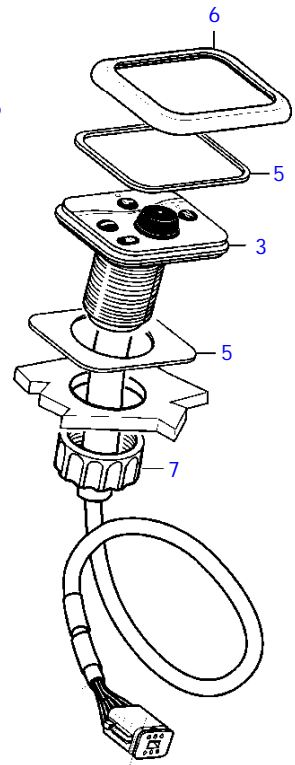
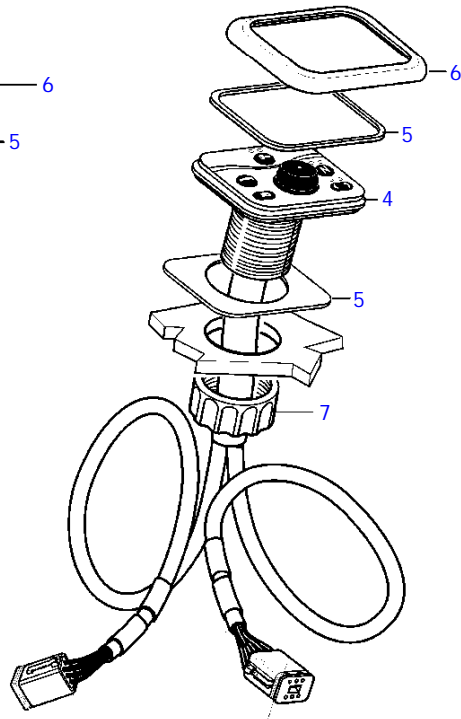
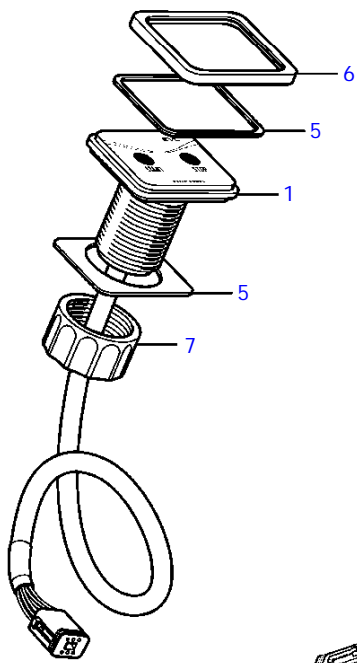
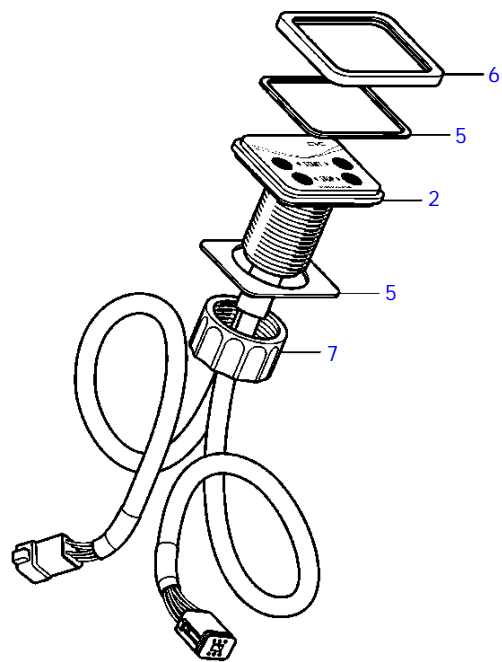
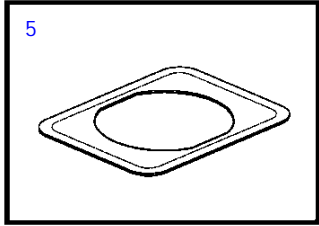
D11A-A, D11A-D



D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | NOTES         |
|-----|----------|-----|----------------------|---------------|
| 1   | 21168958 | 1   | Cover                |               |
| 2   | 40005251 | 1   | Bracket              |               |
| 3   | 976943   | 4   | Washer               |               |
| 4   |          | 2   | Rivet                |               |
| 5   | 930760   | 2   | Expanding nut        |               |
| 6   | 3848975  | 1   | Stop button          |               |
| 7   | 986214   | 2   | 6 point socket screw |               |
| 8   | 873952   | 2   | Automatic fuse       |               |
| 9   | 940090   | 4   | Washer               |               |
| 10  | 955780   | 4   | Hexagon nut          |               |
| 11  | 969408   | 4   | 6 point socket screw |               |
| 12  | 3587174  | 1   | Relay retainer       | 12V           |
| 13  | 969407   | 1   | 6 point socket screw |               |
| 14  | 3587173  | 1   | Relay box            |               |
| 15  | 3171420  | 1   | Relay                |               |
| 16  | 3587172  | 1   | Relay socket         |               |
| 17  | 948336   | 1   | Flange screw         |               |
| 18  | (968288) | 1   | Flange screw         | Obsolete part |
| 19  | 946441   | 1   | Flange screw         |               |
| 20  | 947827   | 1   | Clamp                |               |
| 21  | 946173   | 1   | Flange screw         |               |
| 22  | 21169744 | 1   | Decal                | D11-670       |
|     | 21306261 | 1   | Decal                | IPS-800       |
|     | 21306260 | 1   | Decal                | IPS-850       |
|     | 21218582 | 1   | Decal                | IPS-900       |

D11A-A, D11A-D

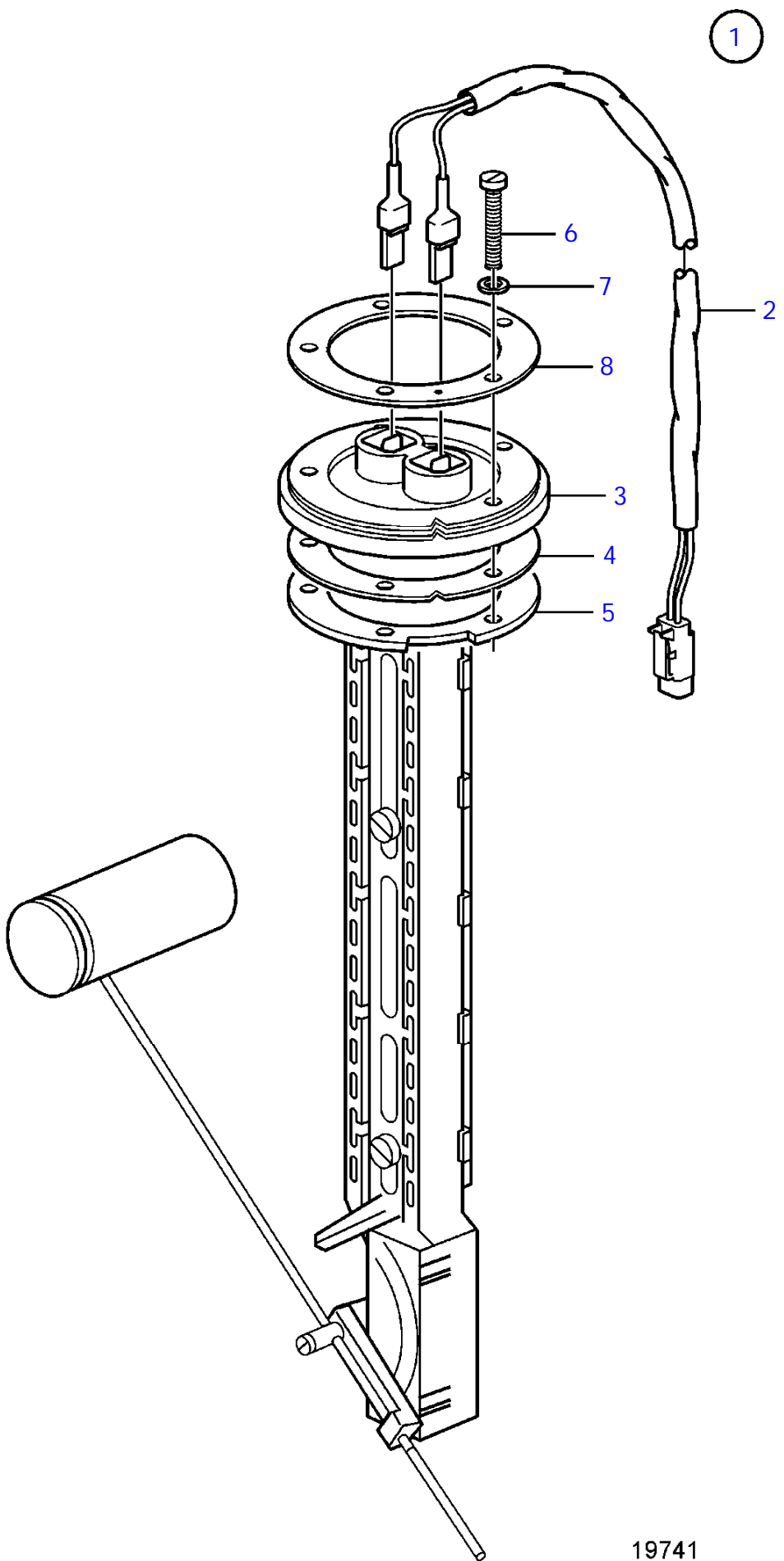


23555

D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION   | NOTES                   |
|-----|----------|-----|---------------|-------------------------|
| 1   | 3807315  | 1   | Control panel | Single installation     |
| 2   | 3807316  | 1   | Control panel | Twin installation       |
| 3   | 3883350  | 1   | Control panel | Single installation     |
| 4   | 3883351  | 1   | Control panel | Twin installation       |
| 5   | 3808135  | 1   | * Gasket      | Also for flushmounting. |
| 6   | 3808131  | 1   | * Frame       |                         |
| 7   | 3808134  | 1   | * Nut         |                         |

D11A-A, D11A-D

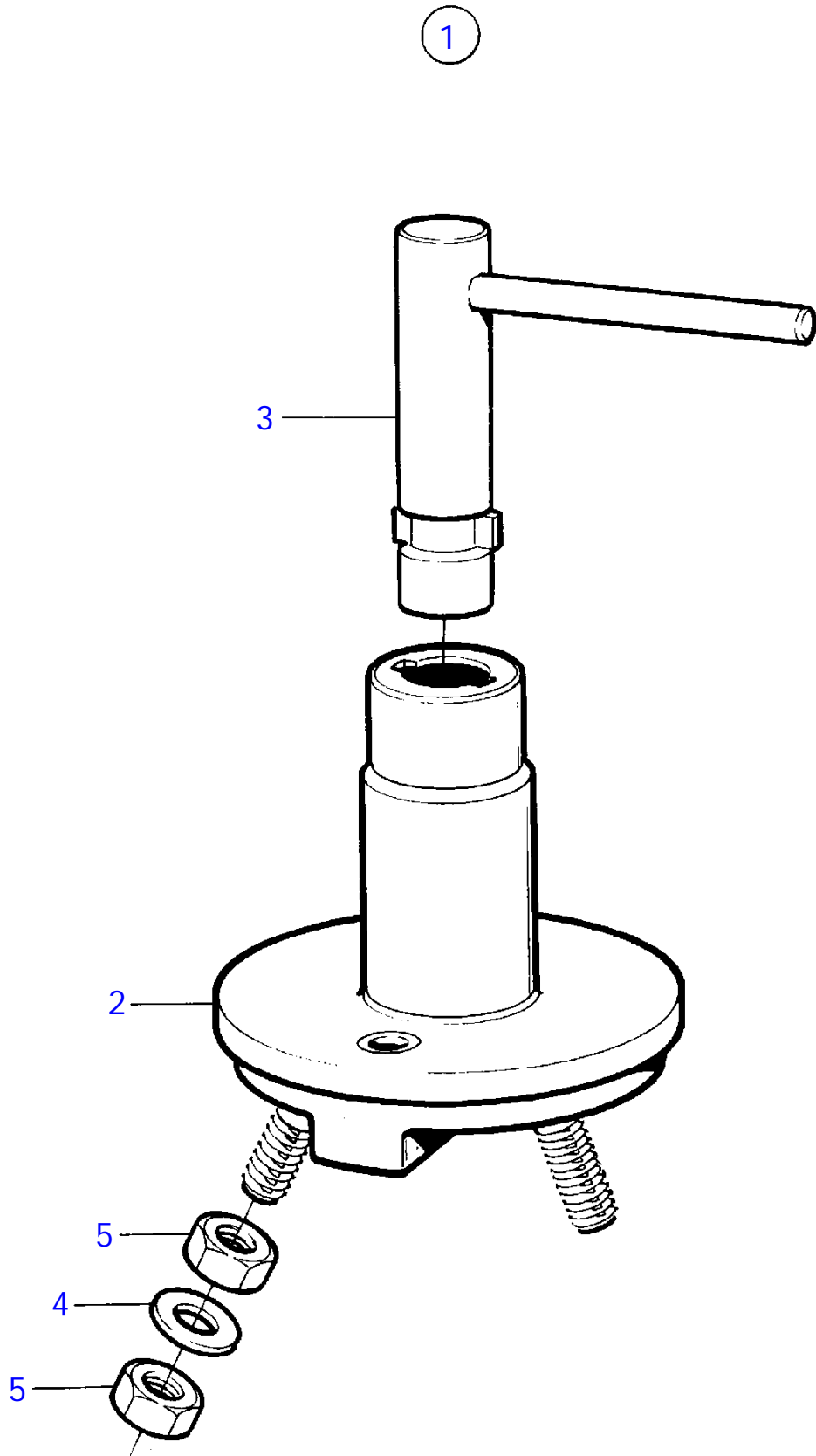


19741

D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION              | NOTES              |
|-----|----------|-----|--------------------------|--------------------|
| 1   | 874840   | 1   | Sensor, set              |                    |
| 2   | 874807   | 1   | * Cable kit              | L=6.0m             |
| 3   | 873772   | 1   | * Tank sensor            |                    |
| 4   | 89865    | 1   | * * Gasket               |                    |
| 5   | 834480   | 1   | * * Flange               |                    |
| 6   | 969407   | 4   | * * 6 point socket screw | L=16mm<br>(956078) |
|     | 956081   | 1   | * * Cross recessed screw | L=25mm             |
| 7   | 834481   | 5   | * * Gasket               |                    |
| 8   |          | 1   | * * Flange               |                    |

D11A-A, D11A-D

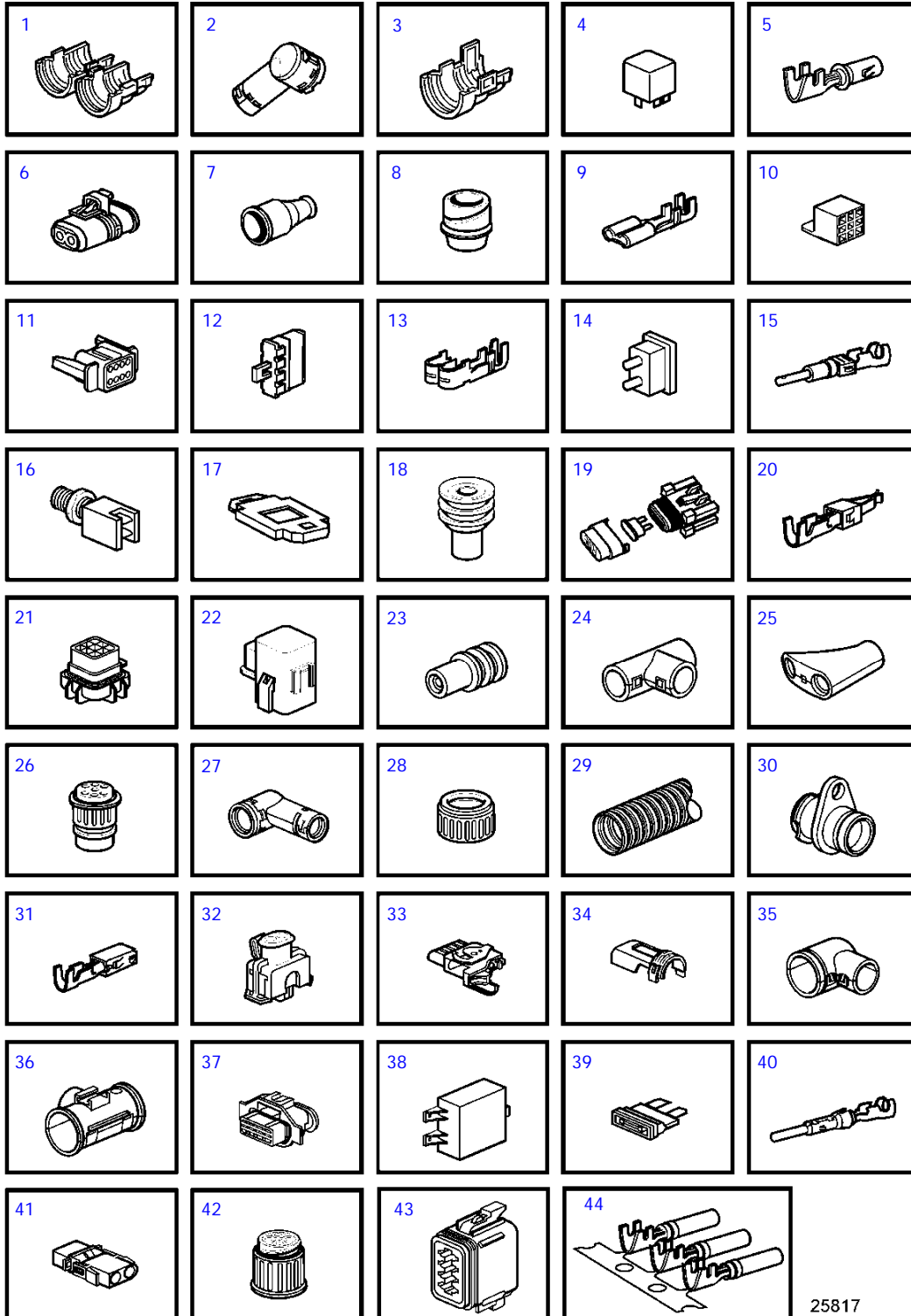




D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION         | NOTES       |
|-----|----------|-----|---------------------|-------------|
| 1   | 1140319  | 1   | Battery main switch | 150A        |
|     | 3987034  | 1   | Main switch         | 300A        |
| 2   |          | 1   | * Switch            |             |
| 3   | 1140427  | 1   | * Cock handle       | For 1140319 |
|     | 8157766  | 1   | * Key               | For 3987034 |
| 4   | 1140428  | 2   | * Washer            |             |
| 5   | 17602    | 4   | * Hexagon nut       |             |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

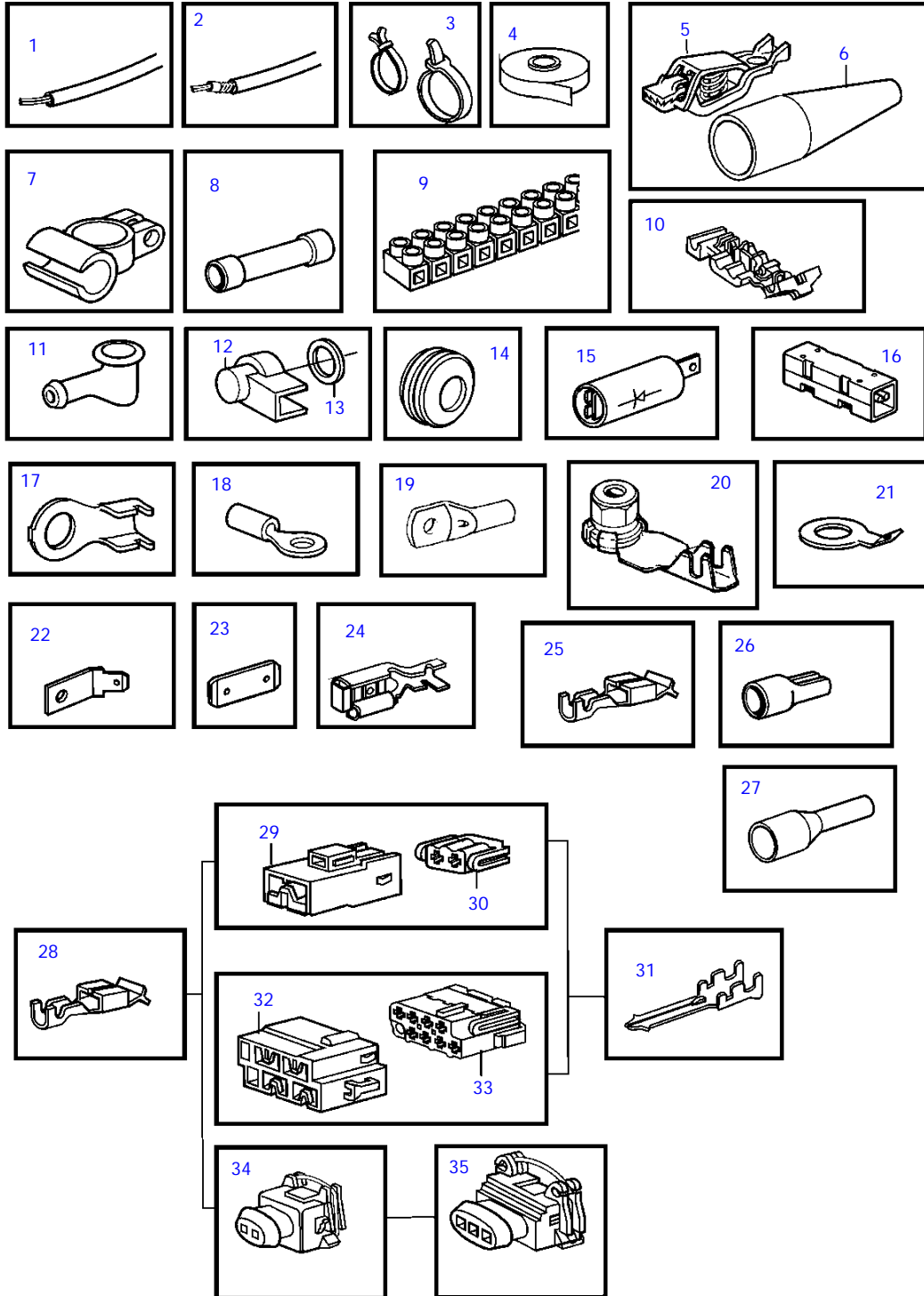


25817

## D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION        | NOTES                |
|-----|----------|-----|--------------------|----------------------|
| 1   | 3985597  | 1   | Adapter            | L=32mm               |
|     | 3985620  | 1   | Adapter            |                      |
| 2   | 3987768  | 2   | Adapter            |                      |
| 3   | 8159018  | 2   | Adapter            |                      |
| 4   | 3171420  | 1   | Relay              |                      |
| 5   | 20375186 | 12  | Cable terminal     |                      |
|     | 3963409  | 3   | Cable terminal     |                      |
|     | 3986767  | X   | Cable terminal     | O.D=0,3mm            |
|     | 11039671 | 3   | Cable terminal     |                      |
| 6   | 20409386 | 6   | Insulator          |                      |
| 7   | 11039397 | 1   | End sleeve         |                      |
| 8   | 1079283  | 1   | Cover              |                      |
| 9   | 973122   | 5   | Cable terminal     |                      |
| 10  | 973121   | 1   | Cable terminal     |                      |
| 11  | 874114   | 1   | Insulator          |                      |
| 12  | 874115   | 1   | Wedge              |                      |
| 13  | 874220   | 2   | Cable terminal     |                      |
| 14  | 874250   | 2   | Pin                | For 874114           |
| 15  | 874033   | 6   | Cable terminal     |                      |
|     | 192396   | X   | Cable terminal     |                      |
| 16  | 873959   | 1   | Breaker            | Stop                 |
| 17  | 873944   | 1   | Retainer           | For fuse 980555      |
| 18  | 873854   | 2   | Sealing sleeve     |                      |
| 19  | 874111   | 1   | Fuse holder        | 10 amp               |
| 20  | 3587154  | 3   | Cable terminal     |                      |
|     | 3587151  | 1   | Cable terminal     |                      |
| 21  | 3587172  | 1   | Relay socket       |                      |
| 22  | 3587173  | 1   | Relay box          | Replaced by 21494263 |
|     | 21494263 | 1   | Relay box          |                      |
| 23  | 3587461  | X   | Sealing plug       |                      |
|     | 3587158  | 1   | Sealing wire       |                      |
|     | 3587170  | 3   | Sealing wire       |                      |
|     | 970771   | X   | Cable seal         | I.D=3,4mm Y.D=6,0mm  |
|     | 8159012  | X   | Sealing            | I.D=0,1mm Y.D=3,9mm  |
| 24  | 9806110  | 2   | Coupling piece     |                      |
|     | 3171511  | X   | Coupling piece     | D=10mm               |
|     | 3171768  | X   | Manifold           | D=13mm               |
|     | 7807398  | 1   | Coupling piece     |                      |
|     | 7807403  | 1   | Coupling piece     |                      |
| 25  | 3943200  | 2   | Manifold           | L=68,8mm             |
|     | 3986692  | 1   | Manifold           |                      |
|     | 3987598  | 1   | Manifold           | L=48,2mm             |
|     | 3988390  | 1   | Manifold           | L=57,9mm             |
|     | 3986692  | 1   | Manifold           |                      |
| 26  | 3963412  | 1   | Housing            |                      |
| 27  | 3985598  | 1   | Adapter            | D=25,8mm             |
|     | 3987766  | 2   | Adapter            | D=24mm               |
| 28  | 8141886  | 1   | Adapter            | D=22mm               |
| 29  | 874558   | X   | Hose               | I.D=8,5mm            |
|     | 874559   | X   | Hose               | I.D=10mm             |
|     | 874560   | X   | Hose               | I.D=13mm             |
|     | 874561   | X   | Hose               | I.D=17mm             |
|     | 874562   | X   | Hose               | I.D=22mm             |
|     | 874563   | X   | Hose               | I.D=26mm             |
| 30  | 20429993 | 1   | Pass-through       |                      |
| 31  | 8155903  | X   | Cable terminal     |                      |
| 32  | 874368   | 1   | Receptacle housing |                      |
| 33  | 20429872 | 1   | Housing            |                      |
| 34  | 20429873 | X   | Insulator cover    |                      |
| 35  | 20450150 | 1   | Adapter            |                      |
| 36  | 3943090  | X   | Manifold           |                      |
| 37  | 874456   | 1   | Receptacle housing |                      |
| 38  | 881788   | X   | Cable terminal     |                      |
|     | 3842462  | 1   | Voltage converter  | 12V, D3-D,E,F        |
| 39  | 969161   | 1   | Fuse               | 10A                  |
| 40  | 984945   | X   | Cable terminal     | (3963408)            |
| 41  | 948995   | 1   | Housing            |                      |
| 42  | 8159013  | X   | Housing            |                      |
| 43  | 874091   | X   | Housing            | 8-pole               |
| 44  | 874251   | X   | Cable terminal     | Terminal socket      |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

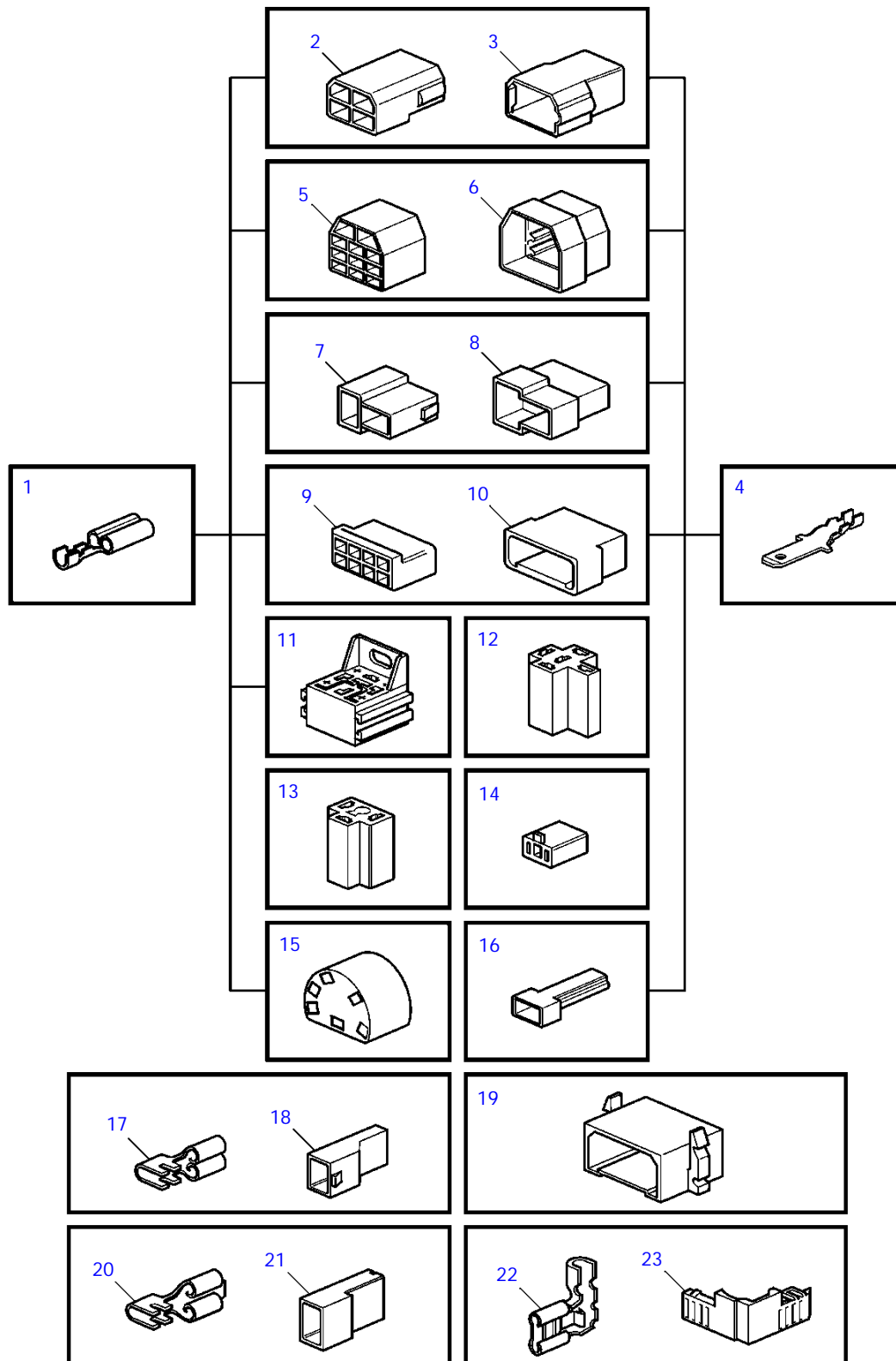


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## D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO.  | DESCRIPTION                         | NOTES  |
|-----|-----------|-------------------------------------|--|
| 1   | 970624    | Electric cable, type RK             | 1,5mm <sup>2</sup> , black   |
|     | 970626    | Electric cable, type RK             | 1,5mm <sup>2</sup> , red   |
|     | 970661    | Electric cable, type R2             | 1,5mm <sup>2</sup> , red   |
|     | (970663)  | Electric cable, type R2             | Obsolete part, 2,5mm <sup>2</sup> , black  |
|     | 970698    | Electric cable, type R2             | 2,5mm <sup>2</sup> , red   |
|     | 970700    | Electric cable, type RK             | 4,0mm <sup>2</sup> , black   |
|     | (970709)  | Electric cable, type RK             | Obsolete part, 6,0mm <sup>2</sup> , black  |
|     | 970711    | Electric cable, type R2             | 6,0mm <sup>2</sup> , red   |
|     | 954485    | Electric cable, type RK             | 16,0mm <sup>2</sup> , red  |
|     | (954500)  | Electric cable, type RK             | Obsolete part, 25,0mm <sup>2</sup> , red   |
|     | 954502    | Electric cable, type RK             | 35,0mm <sup>2</sup> , red  |
| 2   | 874854    | Power cable                         | Non reinforced ship cable approved by classification societies., 2x1,5mm <sup>2</sup>                      |
|     | (863657)  | Cable                               | Obsolete part, Reinforced ship cable approved by classification societies., 4,0mm <sup>2</sup> , red       |
|     | 874855    | Power cable                         | Non reinforced ship cable approved by classification societies., 2x2,5mm <sup>2</sup>                      |
|     | (842092)  | Cable                               | Obsolete part, Non reinforced ship cable approved by classification societies., 3x1,5mm <sup>2</sup>       |
|     | (874858)  | Power cable                         | Obsolete part, Non reinforced ship cable approved by classification societies., 6,0mm <sup>2</sup> , black |
|     | (842090)  | Cable                               | Obsolete part, Non reinforced ship cable approved by classification societies., 16,0mm <sup>2</sup> , red  |
|     | 874861    | Power cable                         | Non reinforced ship cable approved by classification societies., 25,0mm <sup>2</sup> , red                 |
|     | 874862    | Power cable                         | Non reinforced ship cable approved by classification societies., 35,0mm <sup>2</sup> , red                 |
|     | 846639    | Electric cable                      | Non reinforced ship cable approved by classification societies., 2x1,5mm <sup>2</sup>                      |
|     | 874870    | Power cable                         | Non reinforced ship cable approved by classification societies., 2x1,5mm <sup>2</sup>                      |
|     | 872679    | Wiring harness                      | (846346)   |
|     | 872939    | Adapter                             | (846346)   |
|     | (874346)  | Electric cable                      | Obsolete part, Reinforced ship cable approved by classification societies., RFOU 0,6/1kv                   |
| 3   | 948211    | Cable tie                           | 3x1,5mm <sup>2</sup>   |
|     | 949666    | Cable tie, with mount. Hole         | 3x4,0mm <sup>2</sup>   |
|     | 948616    | Cable tie                           | 3x6,0mm <sup>2</sup>   |
|     | 862832    | Cable tie, steel                    | 4x1,5mm <sup>2</sup>   |
| 4   | 858283    | Tape                                | 4x2,5mm <sup>2</sup>   |
| 5   | 844280    | Clip, battery cable +pole           | 16x1,5mm <sup>2</sup>  |
| 6   | (844278)  | Isolation                           | Obsolete part, Red   |
|     | (844279)  | Isolation                           | Obsolete part, Black   |
| 7   | 954505    | Cable terminal, battery cable -pole | D=77mm L=280mm   |
|     | 954506    | Cable terminal, battery cable +pole | D=42mm L=170mm   |
| 8   | 956956    | Splice                              | D=102mm L=362mm  |
|     | 956958    | Splice                              | 1,5-2,5mm <sup>2</sup> , blue  |
|     | 956960    | Splice                              | L=61mm   |
| 9   | 926219    | Coupling piece                      | Black  |
| 10  | 944306    | Connector                           | Blue   |
| 11  | 829200    | Protective cap                      | 0,5-1,0mm <sup>2</sup> , red   |
| 12  | (1234326) | Protecting casing                   | Obsolete part, 1,5-2,5mm <sup>2</sup> , blue   |
| 13  | 960140    | Washer                              | 3-6mm <sup>2</sup> , yellow  |
| 14  | 941269    | Plug                                | Max 20mm <sup>2</sup> , 12-pole  |
|     | 821053    | Protecting bushing                  | I.D=35mm   |
|     | 943920    | Plug                                | I.D=40mm   |
| 15  |           | Diode                               |  |
| 16  |           | Diode                               |  |
| 17  | 970788    | Cable terminal                      | M5x1,1-2,5mm <sup>2</sup>  |
|     | 970789    | Cable terminal                      | M6x1,1-2,5mm <sup>2</sup>  |
|     | (970791)  | Cable terminal                      | Obsolete part, M10x1,1-2,5mm <sup>2</sup>  |
| 18  | 881492    | Cable terminal                      | M4x1,1-2,5mm <sup>2</sup>  |
|     | 881493    | Cable terminal                      | M5x1,1-2,5mm <sup>2</sup>  |
|     | 881508    | Cable terminal                      | M6x1,1-2,5mm <sup>2</sup>  |
|     | 881494    | Cable terminal                      | M8x1,1-2,5mm <sup>2</sup>  |
|     | 881504    | Cable terminal                      | M10x1,1-2,5mm <sup>2</sup>   |
|     | 881506    | Cable terminal                      | M4x2,6-6,0mm <sup>2</sup>  |
|     | 881495    | Cable terminal                      | M5x2,6-6,0mm <sup>2</sup>  |
|     | 881496    | Cable terminal                      | M6x2,6-6,0mm <sup>2</sup>  |
|     | 881497    | Cable terminal                      | M8x2,6-6,0mm <sup>2</sup>  |
|     | 881498    | Cable terminal                      | M10x2,6-6,0mm <sup>2</sup>   |
|     | 940331    | Cable terminal                      | M5x6,1-10,0mm <sup>2</sup>   |
|     | 940332    | Cable terminal                      | M6x6,1-10,0mm <sup>2</sup>   |
|     | 940333    | Cable terminal                      | M8x6,1-10,0mm <sup>2</sup>   |
|     | (940334)  | Cable terminal                      | Obsolete part, M10x6,1-10,0mm <sup>2</sup>   |
|     | 881512    | Cable terminal                      | M5x10,1-16,0mm <sup>2</sup>  |
|     | 940335    | Cable terminal                      | M6x10,1-16,0mm <sup>2</sup>  |
|     | 940336    | Cable terminal                      | M8x10,1-16,0mm <sup>2</sup>  |
|     | 940337    | Cable terminal                      | M10x10,1-16,0mm <sup>2</sup>   |
| 19  | 949587    | Cable terminal                      | M10x10mm <sup>2</sup>  |
| 20  | 8140576   | Nut                                 | M4   |
| 21  | 865758    | Cable terminal                      | I.D=12,5 D=23mm  |
| 22  | 944485    | Cable terminal                      | 6,3xM5x180   |
| 23  | 839328    | Tab                                 | 16,3x6,3x0,8   |
| 24  | 881491    | Cable terminal                      | 6,3x0,75-2,1mm <sup>2</sup>  |
| 25  | 853015    | Cable terminal                      | For trim instrument., For 853866, Yasaki   |
| 26  | 942429    | Cable terminal                      | For 853866, Yasaki   |
| 27  | 3829867   | Cable terminal                      |  |
|     | 3829868   | Cable terminal                      |  |
| 28  | 970777    | Cable terminal                      |  |
| 29  | 968377    | Housing                             | 2,8x2 natural  |
|     | 968379    | Housing                             | 2,8x2 gray   |
| 30  | 968376    | Housing                             | 4,8/2,8x2 natural  |
|     | 968378    | Housing                             | 4,8/2,8x2 gray   |
| 31  | 974313    | Cable terminal                      | 2,8x0,8x1,1-2,5mm <sup>2</sup>   |
| 32  | 968401    | Housing                             | 2,8x8 natural  |
| 33  | 968400    | Housing                             | 4,8/2,8x8 natural  |
| 34  | 976256    | Housing                             | 2-pole   |
| 35  | 967713    | Housing                             | 3-pole   |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

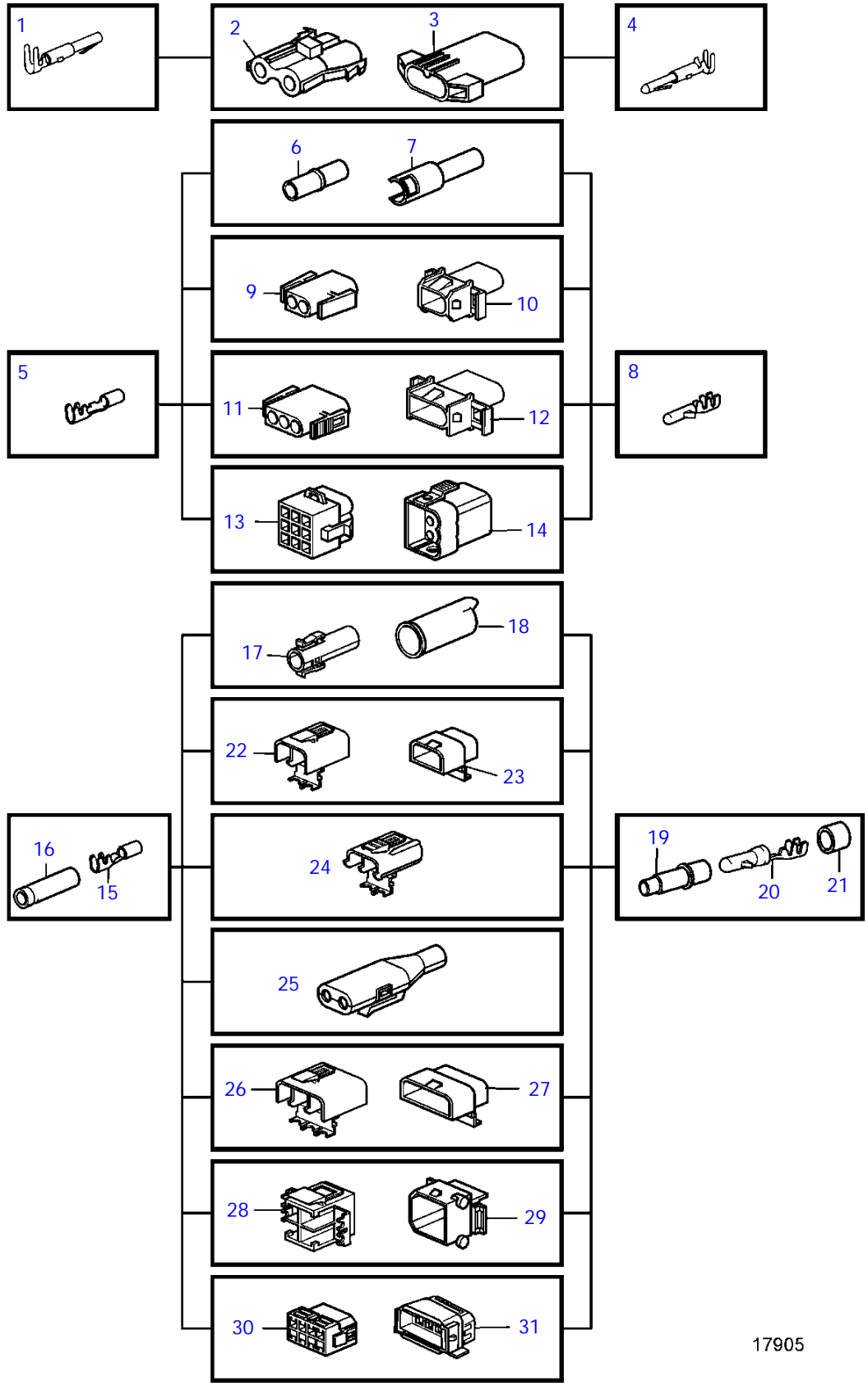


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D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | DESCRIPTION        | NOTES                           |
|-----|----------|--------------------|---------------------------------|
| 1   | 973150   | Cable terminal     | 6,3x0,8x1,1-2,5mm <sup>2</sup>  |
|     | 949206   | Cable terminal     | 6,3x0,8x4,0-6,0mm <sup>2</sup>  |
| 2   | 948856   | Housing            | 6,3x4 natural                   |
| 3   | 948855   | Housing            | 6,3x4 natural                   |
| 4   | 973117   | Cable terminal     | 6,3x0,8x0,5-1,0mm <sup>2</sup>  |
|     | 881487   | Cable terminal     | 6,3x0,8x0,75-2,5mm <sup>2</sup> |
|     | 881488   | Cable terminal     | 6,3x0,8x4,0-6,0mm <sup>2</sup>  |
| 5   | 945830   | Housing            | 6,3x11 natural                  |
| 6   | 945831   | Tab housing        | 6,3x11 natural                  |
| 7   | 958210   | Housing            | 6,3x2 black                     |
| 8   | 958209   | Housing            | 6,3x2 black                     |
| 9   | 944076   | Housing            | 6,3x8 natural                   |
| 10  | 948857   | Housing            | 6,3x8 natural                   |
| 11  | 977184   | Housing            | 6,3x5x4,8/2,8x4                 |
| 12  | 1214948  | Housing            | 6,3x5 black                     |
| 13  | 945469   | Housing            | 6,3x3 black                     |
| 14  | 1578937  | Housing            | 6,3x2 natural                   |
| 15  | 828624   | Receptacle housing | 6,3x6                           |
| 16  |          | Housing            | 6,3x1 black                     |
| 17  | 949405   | Cable terminal     | 4,8x1,1-2,5mm <sup>2</sup>      |
| 18  | 947848   | Housing            | 4,8x1 natural                   |
| 19  | 944077   | Housing            | 6,3x8 natural                   |
| 20  | 881483   | Cable terminal     | 6,3x0,8x1,1-2,5mm <sup>2</sup>  |
|     | 881484   | Cable terminal     | 6,3x0,8x4,0-6,0mm <sup>2</sup>  |
| 21  | 949597   | Housing            | 6,3x1 natural                   |
|     | 943511   | Housing            | 6,3x1 natural                   |
| 22  | 881489   | Cable terminal     | 6,3x0,8x1,1-2,5                 |
| 23  | 944221   | Housing            | 6,3x1 natural                   |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



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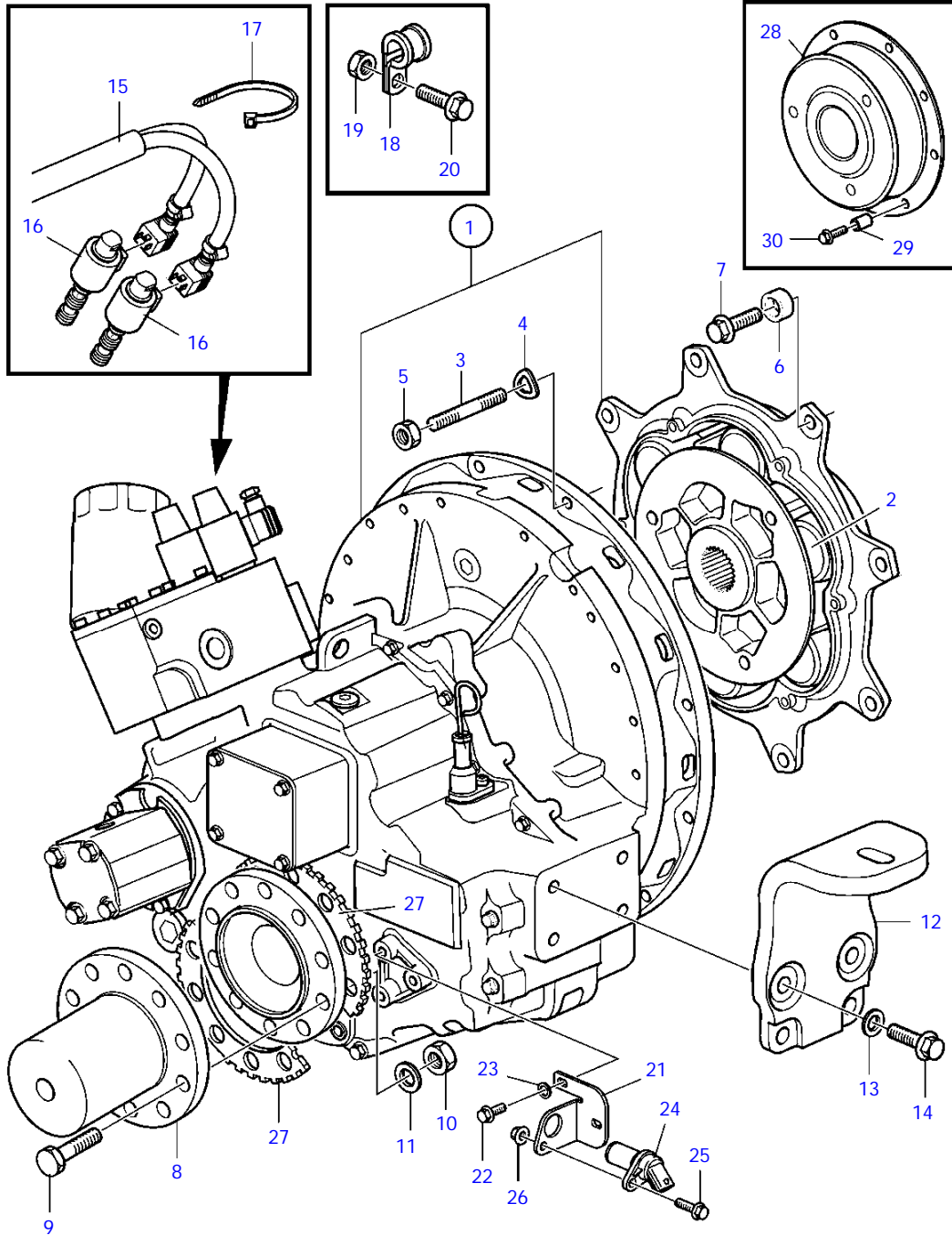




D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | DESCRIPTION    | NOTES  |
|-----|----------|----------------|--|
| 1   | 946038   | Cable terminal | 2,1x0,5-1mm <sup>2</sup>                               |
| 2   | 944224   | Housing        | 2-pole   |
| 3   | 944223   | Housing        | 2-pole   |
| 4   |          | Cable terminal | Not marketed by Volvo Penta., 2,1x0,5-1mm <sup>2</sup> |
| 5   | 965822   | Cable terminal | 3,5x1,1-2,5mm <sup>2</sup>                             |
|     | 948289   | Cable terminal | 3,5x2,5-4,0mm <sup>2</sup>                             |
| 6   | 949584   | Housing        | 3,5x1 natural  |
| 7   | 949583   | Housing        | 3,5x1 natural  |
| 8   | 969831   | Cable terminal | 3,5x0,5-1mm <sup>2</sup>                               |
|     | 965824   | Cable terminal | 3,5x1,1-2,5mm <sup>2</sup>                             |
|     | 965825   | Cable terminal | 3,5x2,6-4,0mm <sup>2</sup>                             |
| 9   | 948996   | Housing        | 3,5x2 natural  |
| 10  | 948995   | Housing        | 3,5x2 natural  |
| 11  | 948296   | Housing        | 3,5x3 natural  |
| 12  | 948297   | Housing        | 3,5x3 natural  |
| 13  | 948294   | Housing        | 3,5x9 natural  |
| 14  | 948295   | Housing        | 3,5x9 natural  |
| 15  | 949371   | Cable terminal | 3,5x0,75-1,5mm <sup>2</sup>                            |
|     | 1598753  | Insulator      | 3,5x2,5-4,5mm <sup>2</sup>                             |
| 16  | 1598753  | Insulator      |  |
| 17  | 1307035  | Housing        | 1-pole   |
| 18  | 1308436  | Housing        | 1-pole   |
| 19  | 1608765  | Insulator      |  |
| 20  | 965824   | Cable terminal | 3,5x2,5-4,5mm <sup>2</sup>                             |
| 21  | 1608766  | Seal           |  |
| 22  | 1307048  | Housing        | 2-pole   |
| 23  | 1307049  | Housing        | 2-pole   |
| 24  | 970753   | Housing        | 2-pole   |
| 25  | 1624477  | Housing        | 2-pole   |
| 26  | 1259828  | Housing        | 3-pole   |
| 27  | 3523442  | Pin housing    | 3-polig (1259829)                                      |
| 28  | 1259830  | Housing        | 4-pole   |
| 29  | 1259831  | Housing        | 4-pole   |
| 30  | 966812   | Housing        | 8-pole   |
| 31  | 967809   | Housing        | 8-pole   |

D11A-A, D11A-D

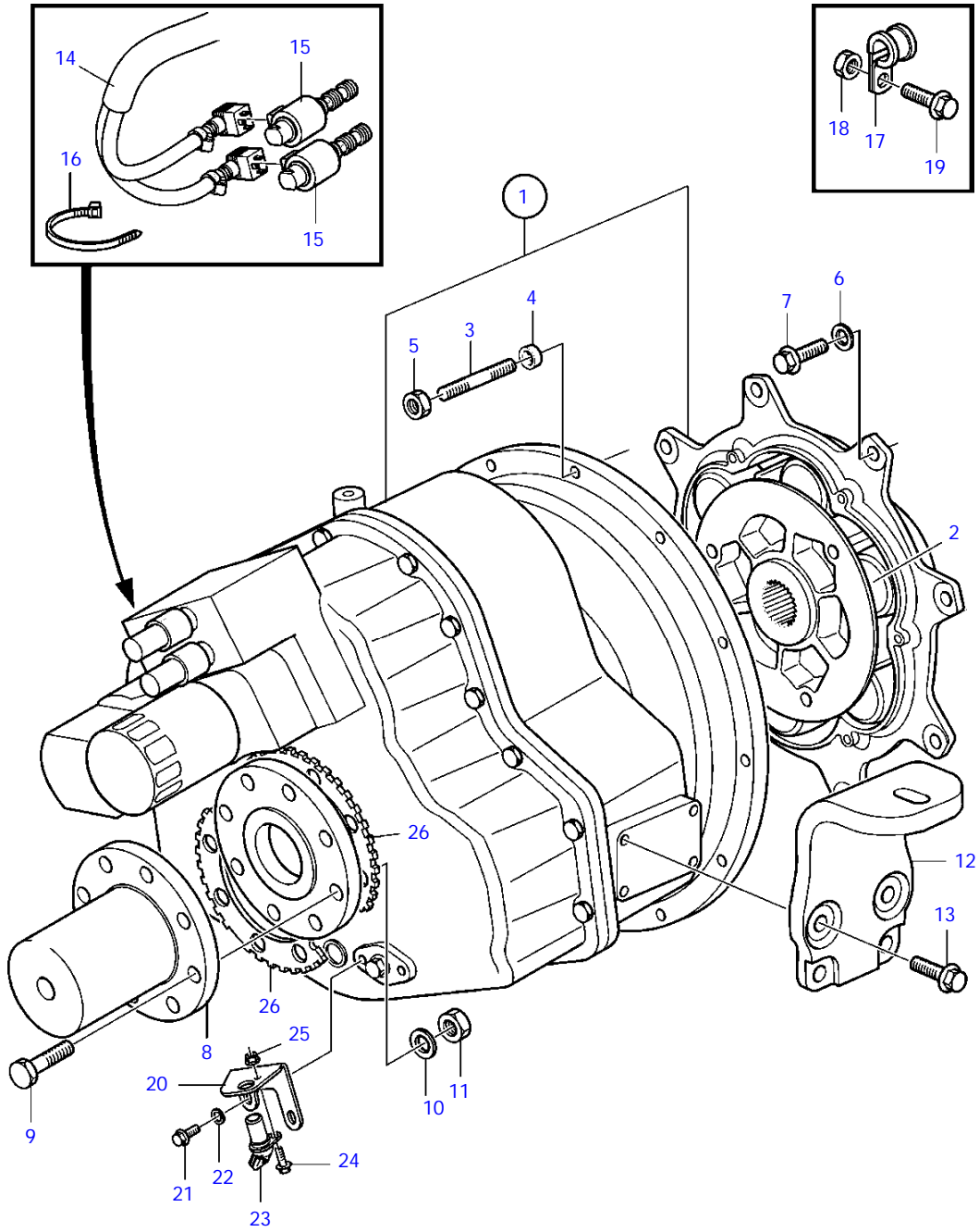


25987

D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION        | SEE SEC. | NOTES        |
|-----|----------|-----|--------------------|----------|--------------|
| 1   |          | 1   | Reversing gear     |          | Ratio 1.51:1 |
|     |          | 1   | Reversing gear     |          | Ratio 1.73:1 |
|     |          | 1   | Reversing gear     |          | Ratio 2.04:1 |
| 2   | 21509619 | 1   | • Roller kit       |          |              |
| 3   | 479972   | 12  | Stud               |          |              |
| 4   | 942336   | 12  | Spring washer      |          |              |
| 5   | 971089   | 12  | Lock nut           |          |              |
| 6   | 845342   | 8   | Spacer sleeve      |          |              |
| 7   | 965187   | 8   | Flange screw       |          |              |
| 8   | 3589507  | 1   | Companion flange   |          |              |
| 9   | 955739   | 10  | Hexagon screw      |          |              |
| 10  | 950378   | 10  | Lock nut           |          |              |
| 11  | 941912   | 10  | Spring washer      |          |              |
| 12  | 3808128  | 2   | Engine mountings   |          |              |
| 13  | 955900   | 8   | Washer             |          |              |
| 14  | 968435   | 8   | Flange screw       |          |              |
| 15  | 3594238  | 1   | Wiring harness     |          |              |
| 16  | 3589000  | 1   | Solenoid valve kit |          |              |
| 17  | 948211   | X   | Cable tie          |          |              |
| 18  | 952632   | 2   | Clamp              |          |              |
| 19  | 949278   | 1   | Flange lock nut    |          |              |
| 20  | 946544   | 1   | Flange screw       |          |              |
| 21  | 3595206  | 1   | Bracket            |          |              |
| 22  | 946440   | 2   | Flange screw       |          |              |
| 23  | 941907   | 2   | Spring washer      |          |              |
| 24  |          | 1   | Tachometer sensor  | 22014    |              |
| 25  | 946544   | 1   | Flange screw       |          |              |
| 26  | 949278   | 1   | Flange lock nut    |          |              |
| 27  | 3595202  | 2   | Sprocket wheel     |          |              |
| 28  | 21532583 | 1   | Flexible coupling  |          |              |
| 29  | 995056   | 8   | Spacer sleeve      |          |              |
| 30  | 984757   | 8   | Flange screw       |          |              |

D11A-A, D11A-D

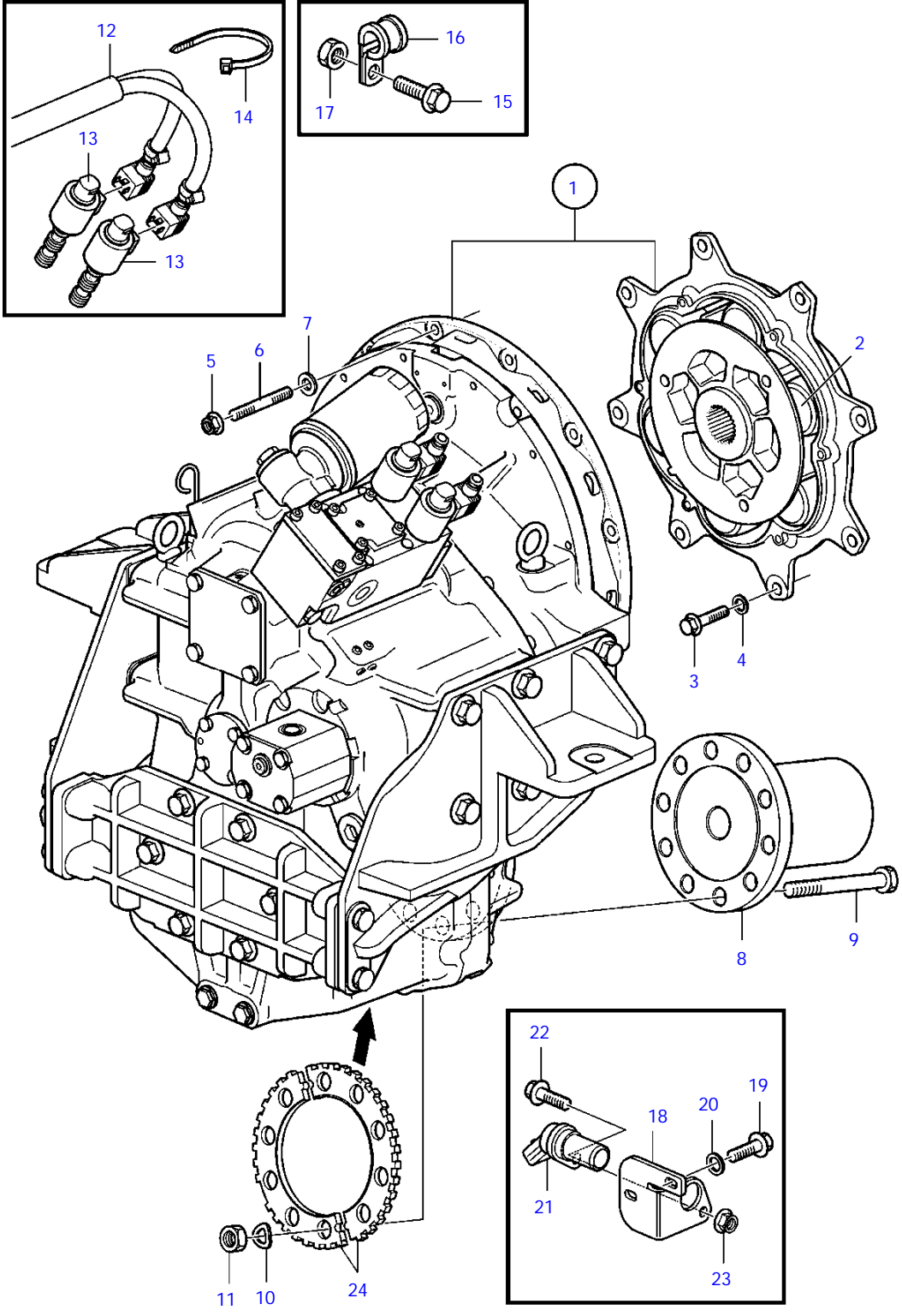


25235

D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION       | SEE SEC. | NOTES                       |
|-----|----------|-----|-------------------|----------|-----------------------------|
| 1   |          | 1   | Reversing gear    |          | 7° angle down, Ratio 1.50:1 |
|     |          | 1   | Reversing gear    |          | 7° angle down, Ratio 1.76:1 |
|     |          | 1   | Reversing gear    |          | 7° angle down, Ratio 2.03:1 |
| 2   | 21509619 | 1   | • Roller kit      |          |                             |
| 3   | 479972   | 12  | Stud              |          |                             |
| 4   | 942336   | 12  | Spring washer     |          |                             |
| 5   | 971089   | 12  | Lock nut          |          |                             |
| 6   | 976945   | 8   | Washer            |          |                             |
| 7   | 970954   | 8   | Hexagon screw     |          |                             |
| 8   | 863994   | 1   | Clutch flange     |          |                             |
| 9   | 955739   | 8   | Hexagon screw     |          |                             |
| 10  | 941912   | 8   | Spring washer     |          |                             |
| 11  | 950378   | 8   | Lock nut          |          |                             |
| 12  |          | 2   | Engine mountings  |          |                             |
| 13  | 968435   | 8   | Flange screw      |          |                             |
| 14  | 3594238  | 1   | Wiring harness    |          |                             |
| 15  | 3826414  | 2   | Solenoid          |          |                             |
| 16  | 948211   | X   | Cable tie         |          |                             |
| 17  | 952632   | 2   | Clamp             |          |                             |
| 18  | 949278   | 1   | Flange lock nut   |          |                             |
| 19  | 946544   | 1   | Flange screw      |          |                             |
| 20  | 3840887  | 1   | Bracket           |          |                             |
| 21  | 946440   | 2   | Flange screw      |          |                             |
| 22  | 941907   | 2   | Spring washer     |          |                             |
| 23  |          | 1   | Tachometer sensor | 22014    |                             |
| 24  | 946544   | 1   | Flange screw      |          |                             |
| 25  | 949278   | 1   | Flange lock nut   |          |                             |
| 26  | 3841413  | 2   | Sprocket wheel    |          |                             |

D11A-A, D11A-D

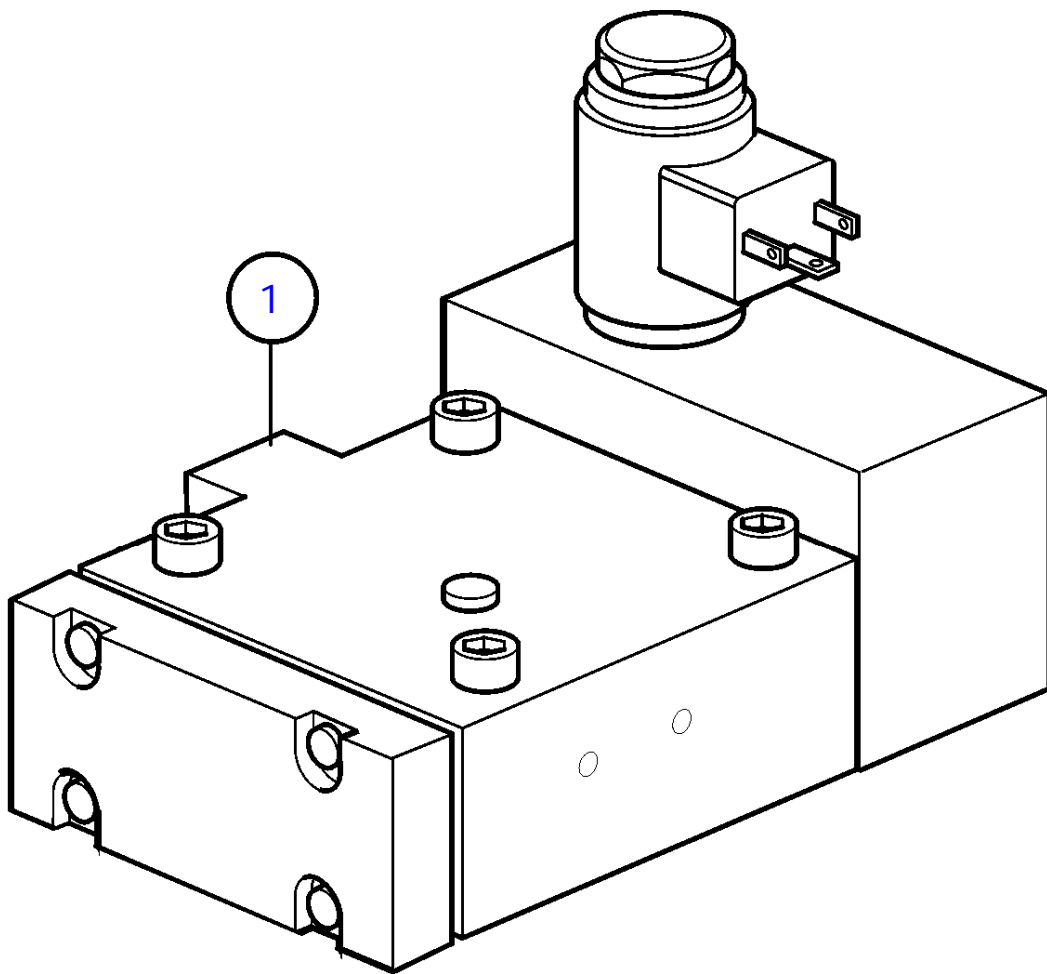


25236

D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                             | NOTES         |
|-----|----------|-----|---|---------------|
| 1   |          | 1   | Reversing gear                          | Ratio 1.48:1  |
|     |          | 1   | Reversing gear                          | Ratio 1.73:1  |
|     |          | 1   | Reversing gear                          | Ratio 2.03:1  |
| 2   | 21509619 | 1   | • Roller kit                            |               |
| 3   | 970954   | 8   | Hexagon screw                           |               |
| 4   | 976945   | 8   | Washer                                  |               |
| 5   | 965185   | 12  | Flange screw                            |               |
| 6   | 479972   | 12  | Stud                                    |               |
| 7   | 942336   | 12  | Spring washer                           |               |
| 8   | (864087) | 1   | Clutch flange                           | Obsolete part |
| 9   | 980253   | 10  | Hexagon screw                           |               |
| 10  | 941913   | 10  | Spring washer                           |               |
| 11  | 943674   | 10  | Lock nut                                |               |
| 12  | 3594238  | 1   | Wiring harness                          |               |
| 13  | 3831157  | 2   | Solenoid                                |               |
| 14  | 948211   | X   | Cable tie                               |               |
| 15  | 946544   | 2   | Flange screw                            |               |
| 16  | 952632   | 1   | Clamp                                   |               |
| 17  | 949278   | 1   | Flange lock nut                         |               |
| 18  | 3841424  | 1   | Bracket                                 |               |
| 19  | 967949   | 2   | Flange screw                            |               |
| 20  | 949607   | 2   | Spring washer                           |               |
| 21  | 20513343 | 1   | Sensor, tachometer sender, reverse gear |               |
| 22  | 946544   | 1   | Flange screw                            |               |
| 23  | 949278   | 1   | Flange lock nut                         |               |
| 24  | 3841413  | 2   | Sprocket wheel                          |               |

D11A-A, D11A-D



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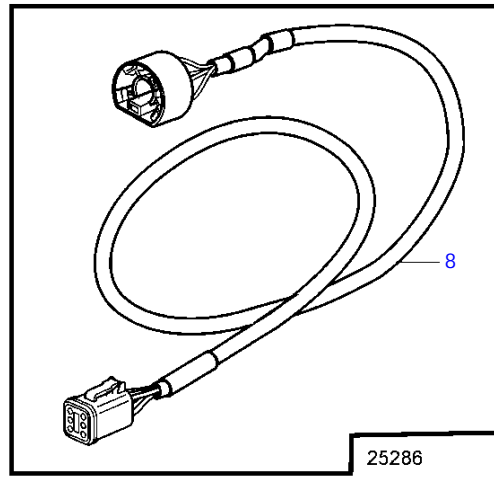
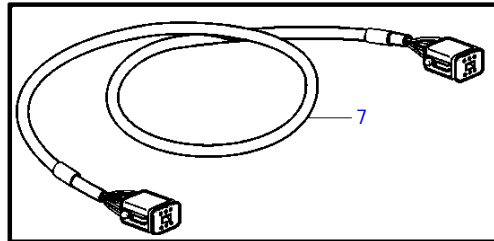
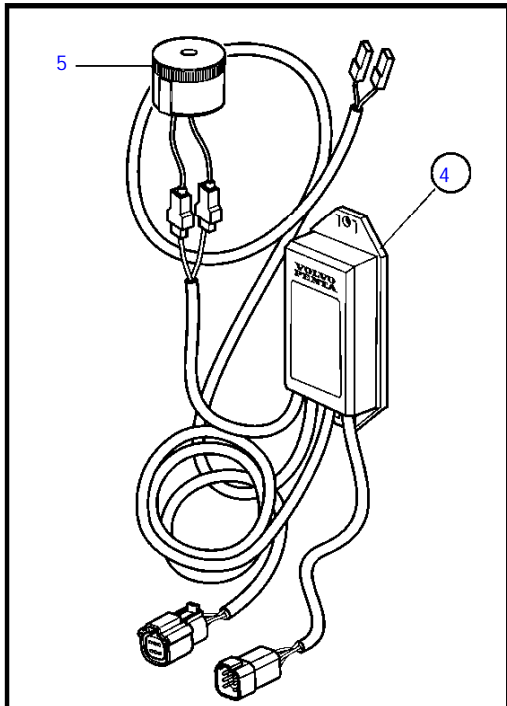
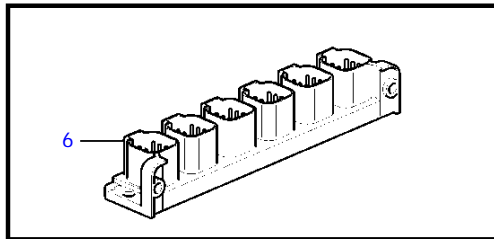
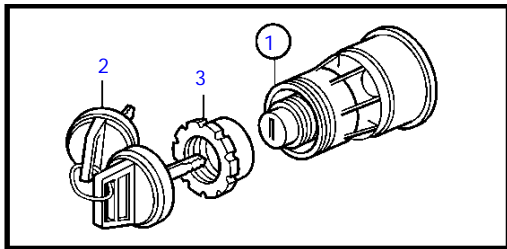


D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION |
|-----|----------|-----|-------------|
| 1   | 3837092  | 1   | Slip valve  |



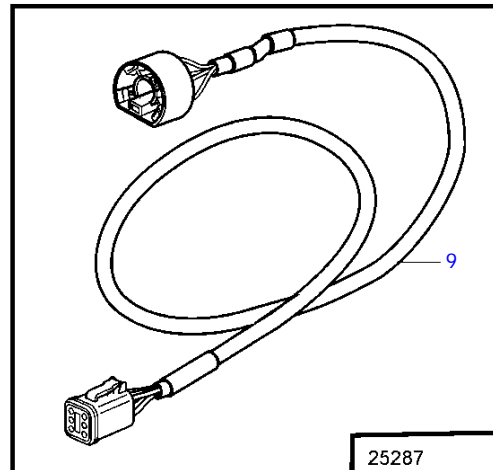
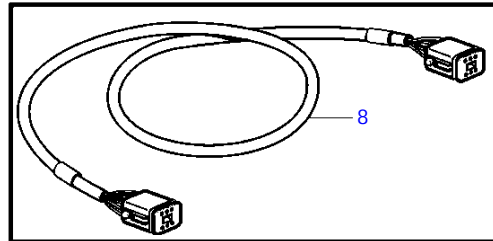
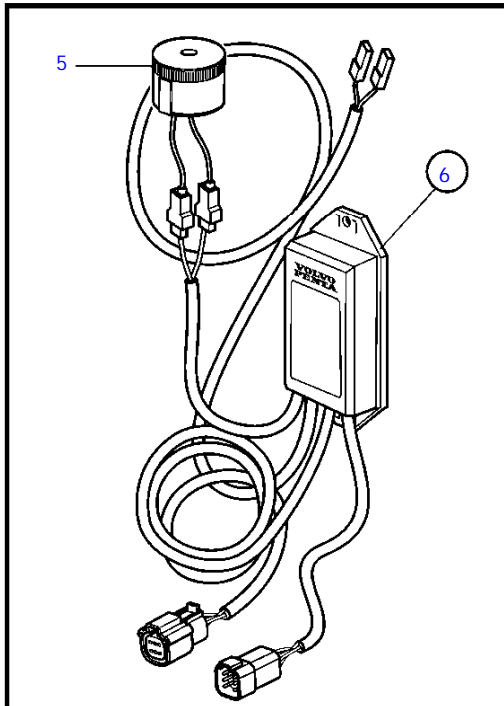
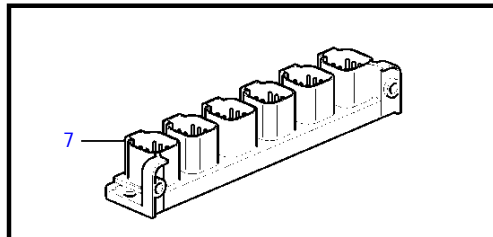
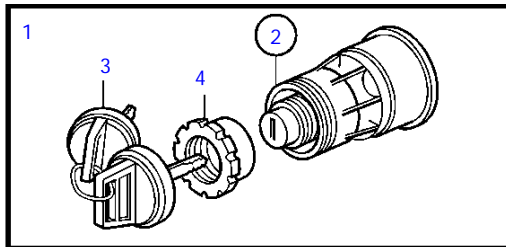
D11A-D



D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | SEE SEC. | NOTES                         |
|-----|----------|-----|------------------|----------|-------------------------------|
| 1   | 3587071  | 1   | Starter switch   |          |                               |
| 2   | 859955   | 1   | • Plastic nut    |          |                               |
| 3   | 859953   | 1   | • Key            |          | State key code when ordering. |
|     |          |     | • Bulletin 49-30 | 49-30-EN | Key P/N 859953                |
| 4   | 21461496 | 1   | Network adapter  |          |                               |
| 5   | 3817974  | 1   | • Alarm          |          |                               |
| 6   | 21469055 | 1   | Connection block |          |                               |
| 7   | 3886666  | 3   | Cable            |          |                               |
| 8   | 881849   | 1   | Wiring harness   |          |                               |

D11A-D

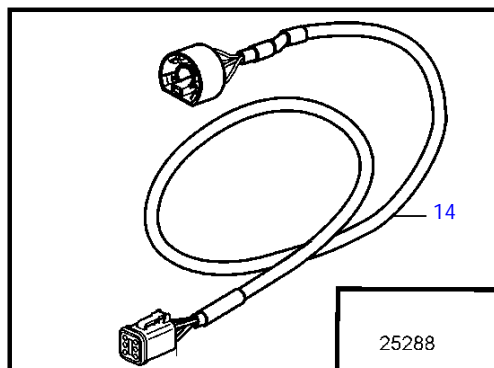
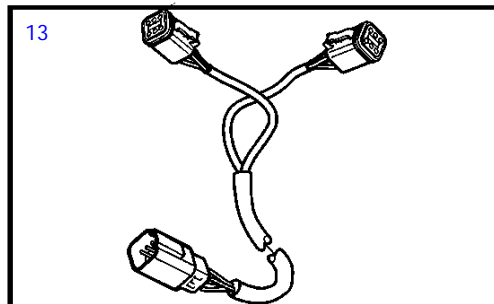
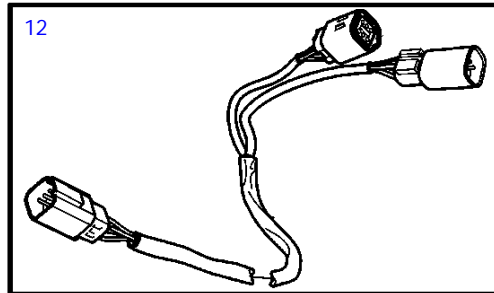
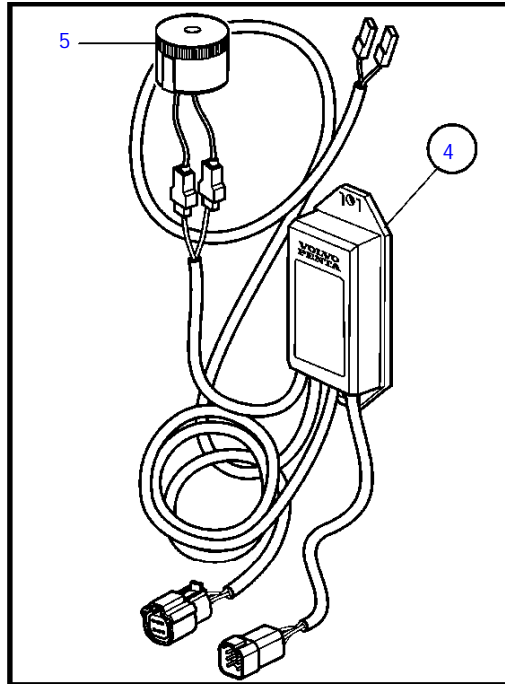
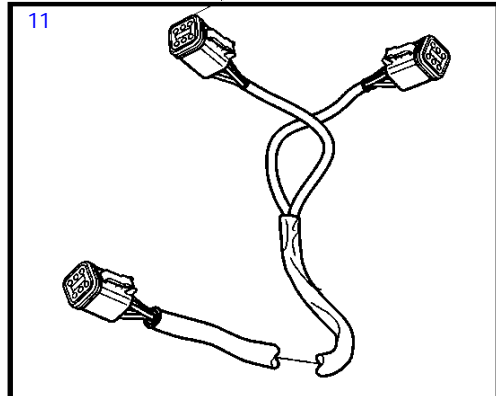
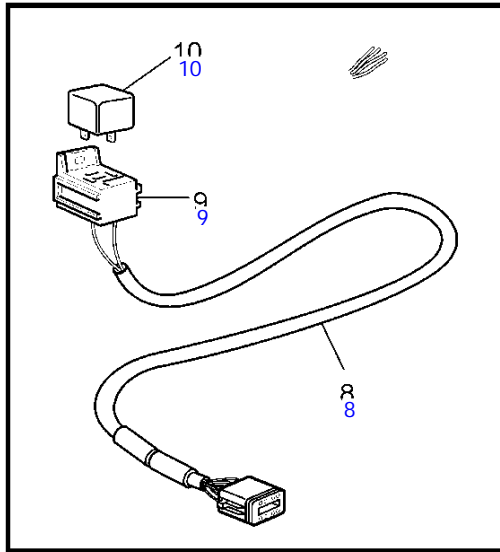
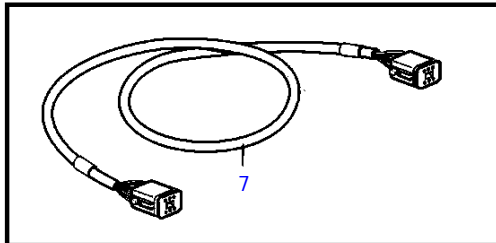
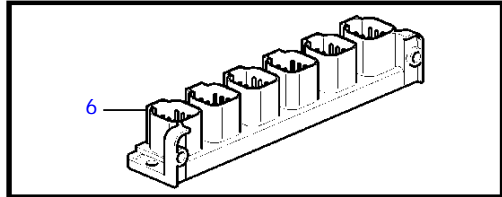
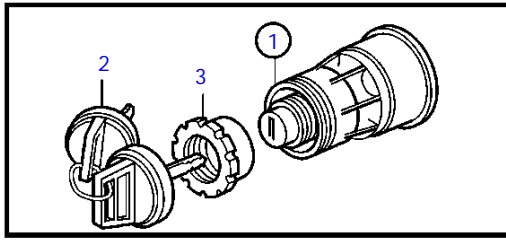


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D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | SEE SEC. | NOTES                                     |
|-----|----------|-----|------------------|----------|---|
| 1   | 3587070  | 1   | Starter switch   |          | Kit with 2 key switch with identical key. |
| 2   | 3587071  | 1   | * Starter switch |          |   |
| 3   | 859955   | 1   | * * Plastic nut  |          |   |
| 4   | 859953   | 2   | * * Key          |          | State key code when ordering.             |
|     |          |     | * Bulletin 49-30 | 49-30-EN | Key P/N 859953                            |
| 5   | 21461496 | 2   | Network adapter  |          |   |
| 6   | 3817974  | 1   | * Alarm          |          |   |
| 7   | 21469055 | 1   | Connection block |          |   |
| 8   | 3886666  | 5   | Cable            |          |   |
| 9   | 881849   | 2   | Wiring harness   |          |   |

D11A-D

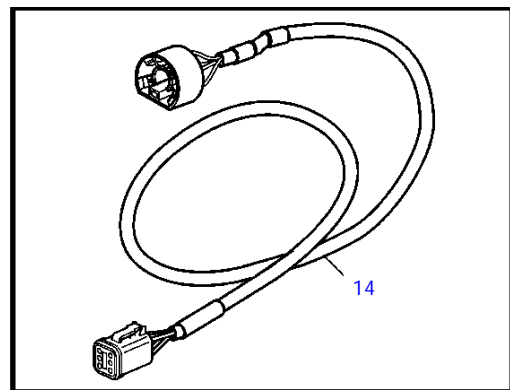
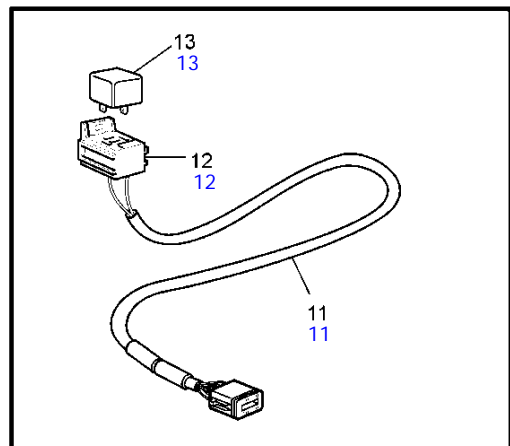
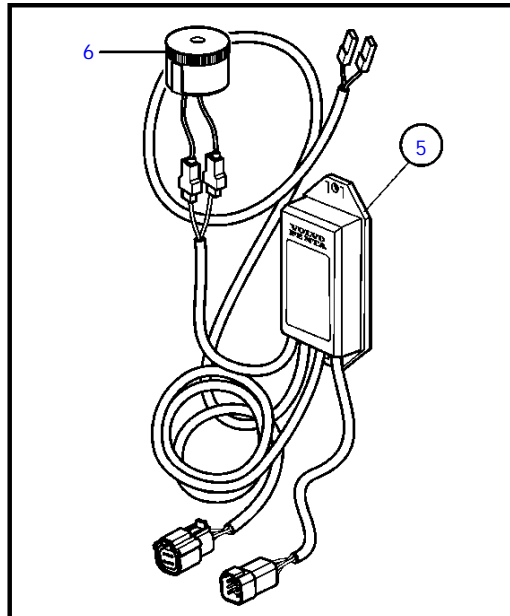
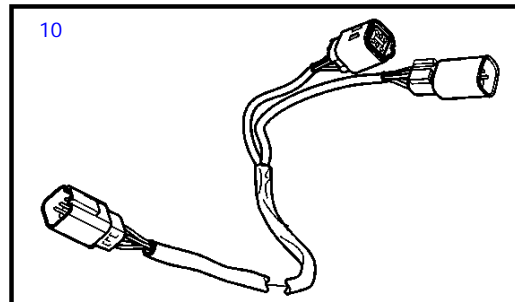
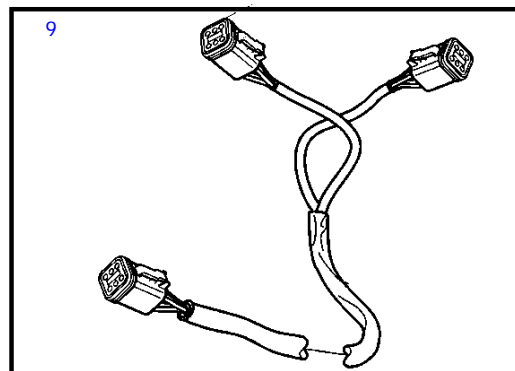
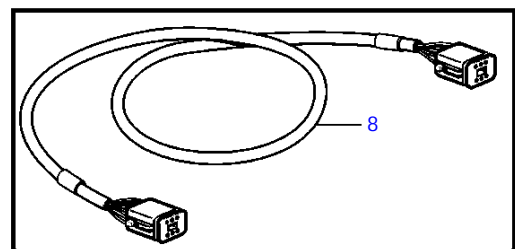
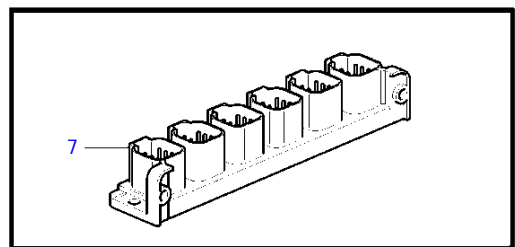
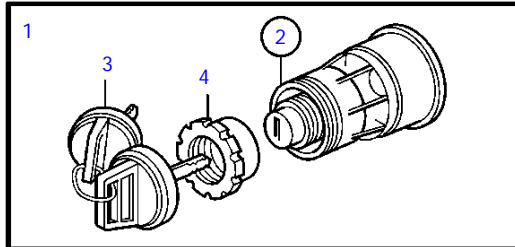


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D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | SEE SEC. | NOTES                         |
|-----|----------|-----|------------------|----------|-------------------------------|
| 1   | 3587071  | 3   | Starter switch   |          |                               |
| 2   | 859955   | 1   | • Plastic nut    |          |                               |
| 3   | 859953   | 2   | • Key            |          | State key code when ordering. |
|     |          |     | • Bulletin 49-30 | 49-30-EN | Key P/N 859953                |
| 4   | 21461496 | 3   | Network adapter  |          |                               |
| 5   | 3817974  | 1   | • Alarm          |          |                               |
| 6   | 21469055 | 2   | Connection block |          |                               |
| 7   | 3886666  | 7   | Cable            |          |                               |
| 8   | 21450563 | 2   | Cable            |          |                               |
| 9   | 977184   | 1   | • Housing        |          |                               |
| 10  | 873765   | 1   | • Relay          |          | 12V                           |
|     | 3171420  | 1   | • Relay          |          | 24V                           |
| 11  | 21287072 | 1   | Wiring harness   |          |                               |
| 12  | 21421941 | 2   | Cable            |          |                               |
| 13  | 21427460 | 1   | Cable            |          |                               |
| 14  | 881849   | 3   | Wiring harness   |          |                               |

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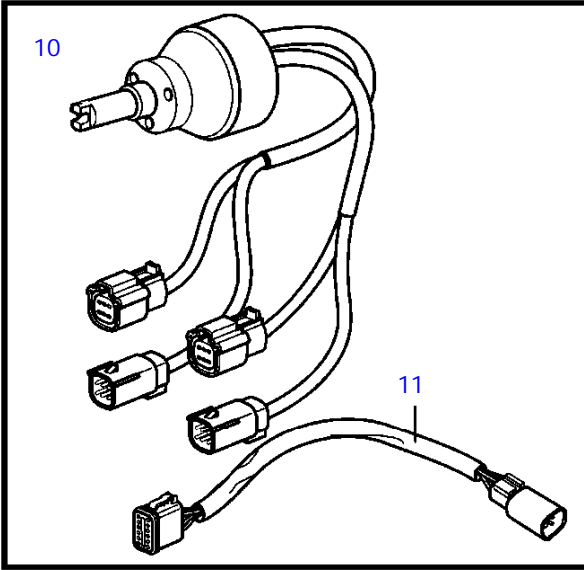
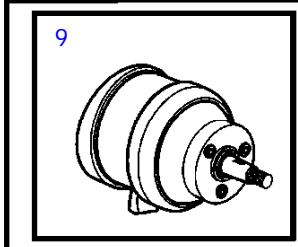
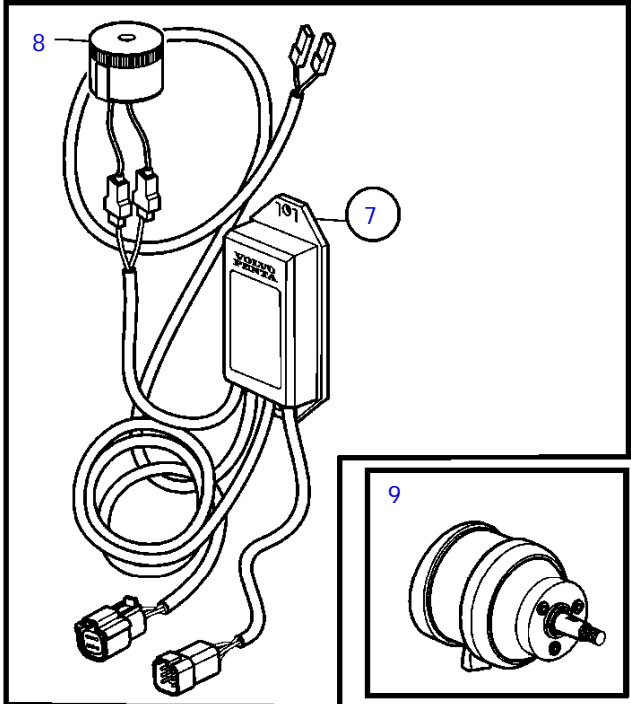
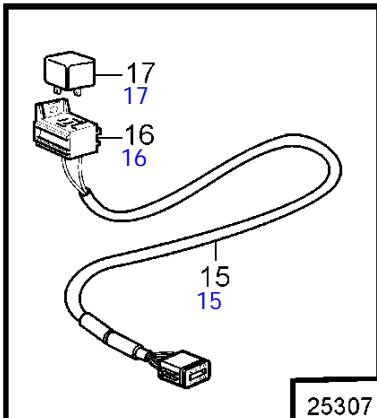
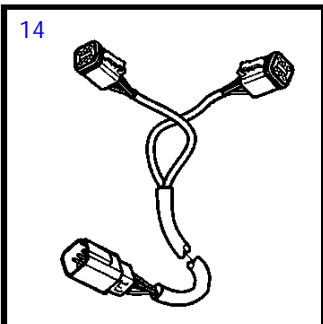
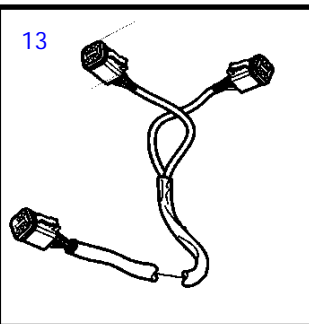
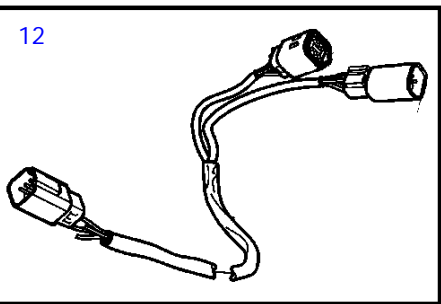
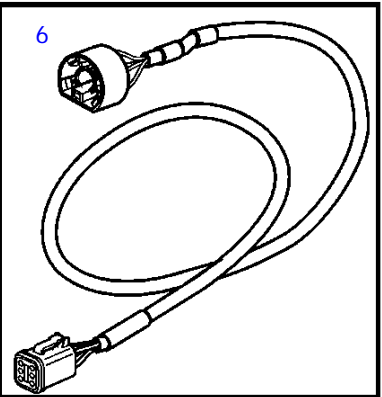
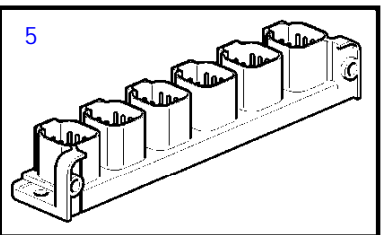
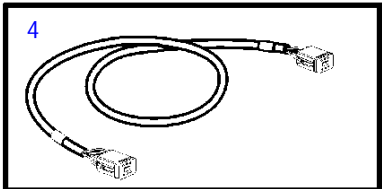
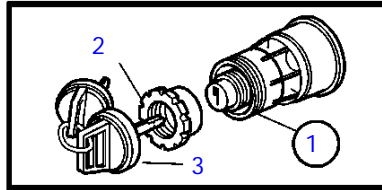
25289



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| REF | PART NO. | QTY | DESCRIPTION      | SEE SEC. | NOTES                         |
|-----|----------|-----|------------------|----------|-------------------------------|
| 1   | 3587070  | 3   | Starter switch   |          |                               |
| 2   | 3587071  | 1   | * Starter switch |          |                               |
| 3   | 859955   | 1   | * * Plastic nut  |          |                               |
| 4   | 859953   | 2   | * * Key          |          | State key code when ordering. |
|     |          |     | * Bulletin 49-30 | 49-30-EN | Key P/N 859953                |
| 5   | 21461496 | 3   | Network adapter  |          |                               |
| 6   | 3817974  | 1   | * Alarm          |          |                               |
| 7   | 21469055 | 1   | Connection block |          |                               |
| 8   | 3886666  | 7   | Cable            |          |                               |
| 9   | 21287072 | 1   | Wiring harness   |          |                               |
| 10  | 21421941 | 2   | Cable            |          |                               |
| 11  | 21450563 | 2   | Cable            |          |                               |
| 12  | 977184   | 1   | * Housing        |          |                               |
| 13  | 873765   | 1   | * Relay          |          | 12V                           |
|     | 3171420  | 1   | * Relay          |          | 24V                           |
| 14  | 881849   | 1   | Wiring harness   |          |                               |

D11A-D MP IPS

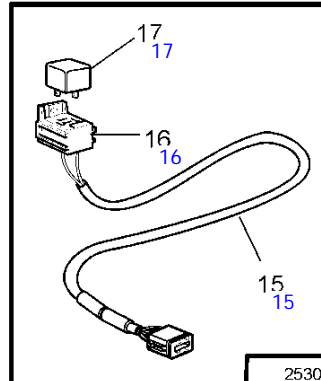
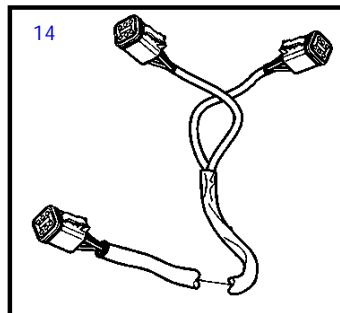
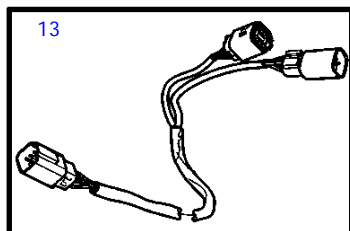
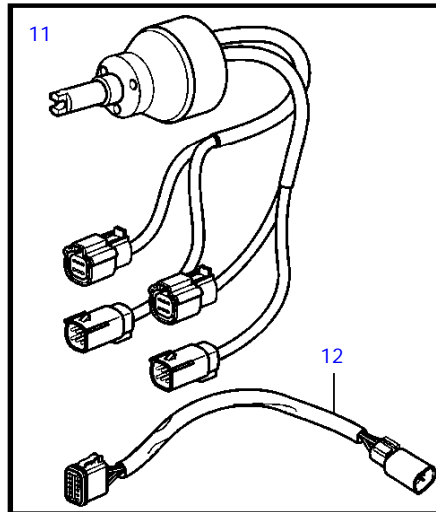
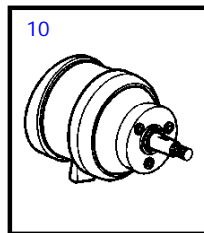
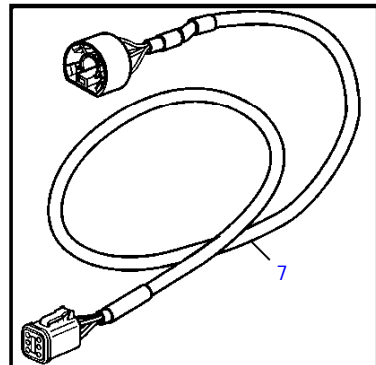
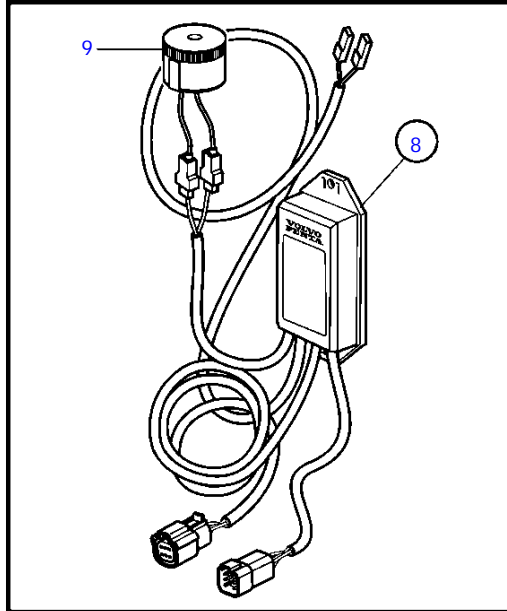
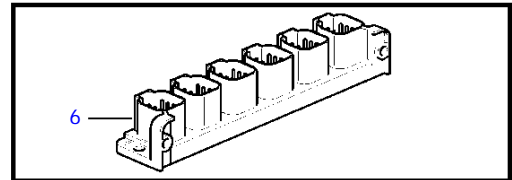
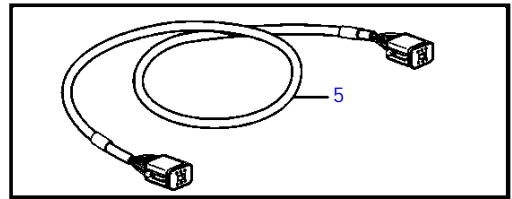
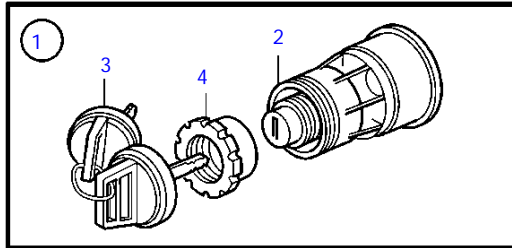


25307

## D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC. | NOTES                            |
|-----|----------|-----|----------------------|----------|----------------------------------|
| 1   | 3587071  | 3   | Starter switch       |          |                                  |
| 2   | 859955   | 1   | * Plastic nut        |          |                                  |
| 3   | 859953   | 1   | * Key                |          | State key code when ordering.    |
|     |          |     | * Bulletin 49-30     | 49-30-EN | Key P/N 859953                   |
| 4   | 3886666  | 7   | Cable                |          |                                  |
| 5   | 21469055 | 2   | Connection block     |          |                                  |
| 6   | 881849   | 3   | Wiring harness       |          |                                  |
| 7   | 21461496 | 3   | Network adapter      |          |                                  |
| 8   | 3817974  | 1   | * Alarm              |          |                                  |
| 9   | 3841280  | 1   | Steering wheel adjus |          |                                  |
| 10  | 21469560 | 1   | Steering wheel hub   |          |                                  |
| 11  | 21421942 | 1   | Cable                |          | Alternative for EVC-C3           |
| 12  | 21421941 | 2   | Cable                |          | For EVC system and hub 21469560. |
| 13  | 21287072 | 1   | Wiring harness       |          |                                  |
| 14  | 21427460 | 1   | Cable                |          |                                  |
| 15  | 21450563 | 2   | Cable                |          |                                  |
| 16  | 977184   | 1   | * Housing            |          |                                  |
| 17  | 873765   | 1   | Relay                |          | 12V                              |
|     | 3171420  | 1   | Relay                |          | 24V                              |

D11A-D MP IPS

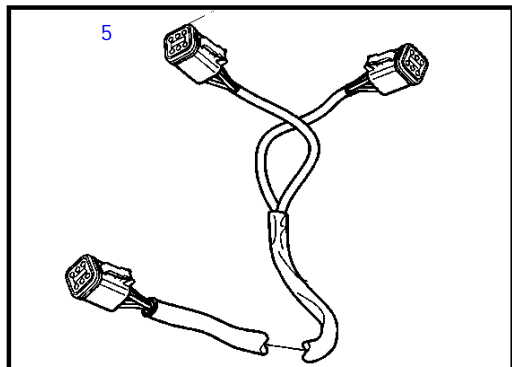
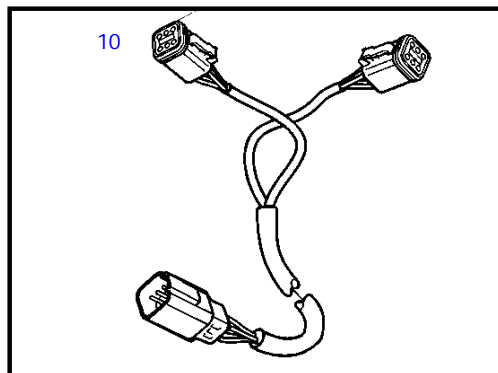
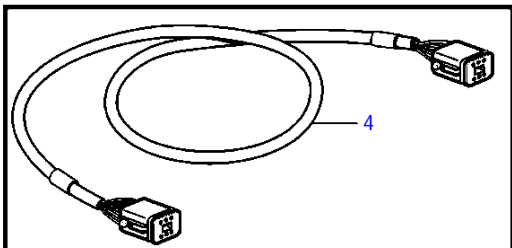
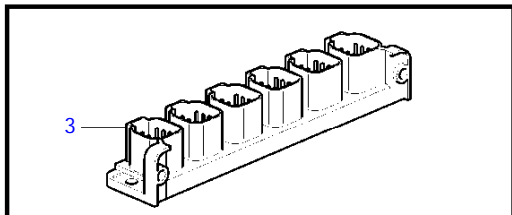
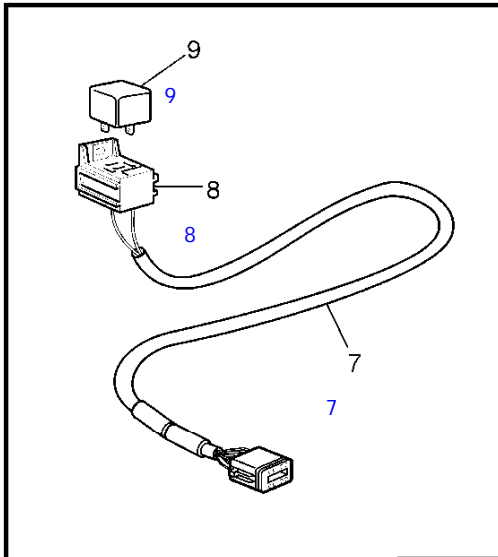
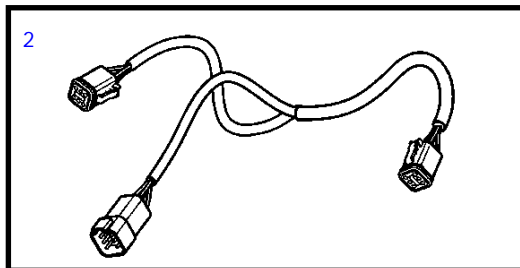
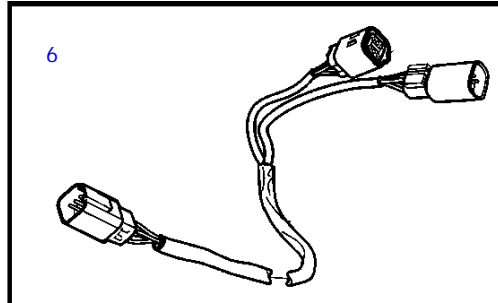
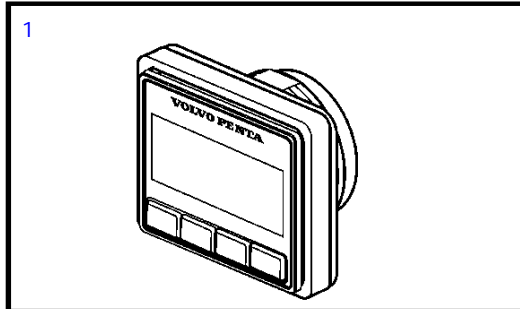


25304

## D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC. | NOTES                            |
|-----|----------|-----|----------------------|----------|----------------------------------|
| 1   | 3587070  | 2   | Starter switch       |          |                                  |
| 2   | 3587071  | 1   | * Starter switch     |          |                                  |
| 3   | 859955   | 1   | * * Plastic nut      |          |                                  |
| 4   | 859953   | 1   | * * Key              |          | State key code when ordering.    |
|     |          |     | * Bulletin 49-30     | 49-30-EN | Key P/N 859953                   |
| 5   | 3886666  | 9   | Cable                |          |                                  |
| 6   | 21469055 | 2   | Connection block     |          |                                  |
| 7   | 881849   | 4   | Wiring harness       |          |                                  |
| 8   | 21461496 | 4   | Network adapter      |          |                                  |
| 9   | 3817974  | 1   | * Alarm              |          |                                  |
| 10  | 3841280  | 1   | Steering wheel adjus |          |                                  |
| 11  | 21469560 | 1   | Steering wheel hub   |          |                                  |
| 12  | 21421942 | 1   | Cable                |          | Alternative for EVC-C3           |
| 13  | 21421941 | 2   | Cable                |          | For EVC system and hub 21469560. |
| 14  | 21287072 | 1   | Wiring harness       |          |                                  |
| 15  | 21450563 | 2   | Cable                |          |                                  |
| 16  | 977184   | 1   | * Housing            |          |                                  |
| 17  | 873765   | 1   | Relay                |          | 12V                              |
|     | 3171420  | 1   | Relay                |          | 24V                              |

D11A-D

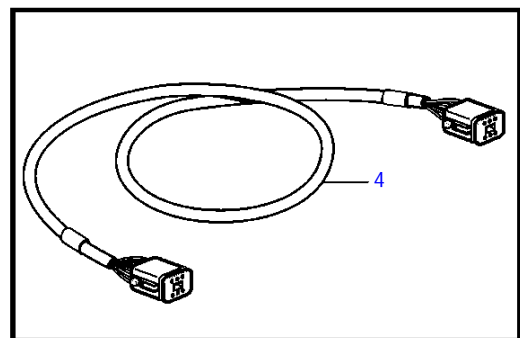
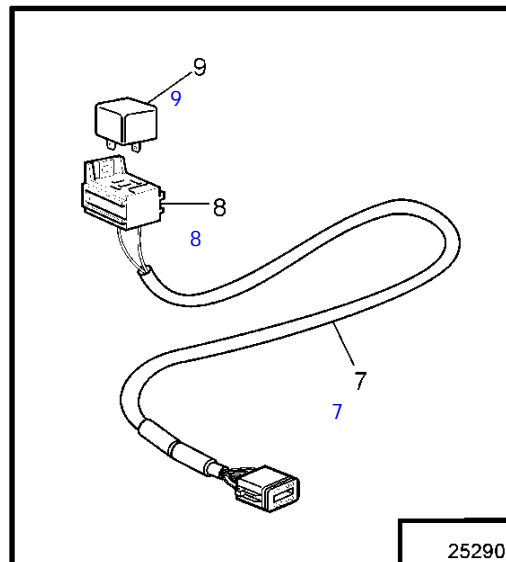
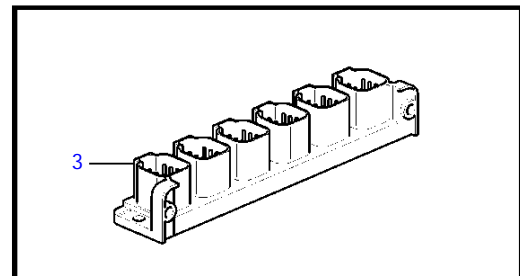
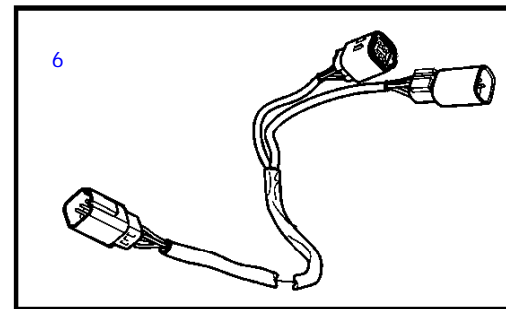
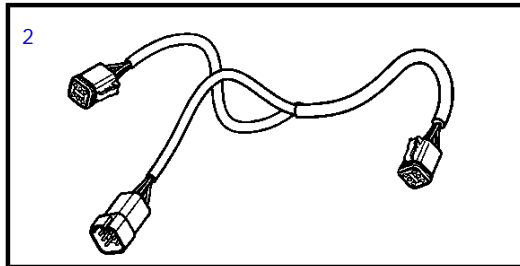
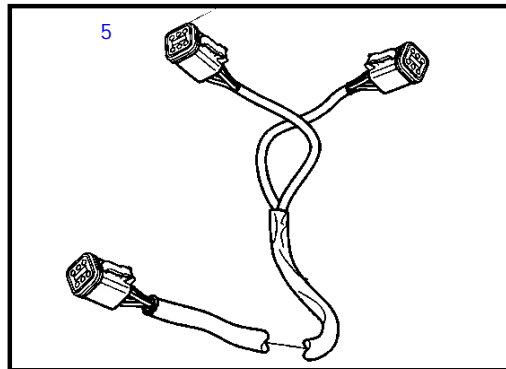
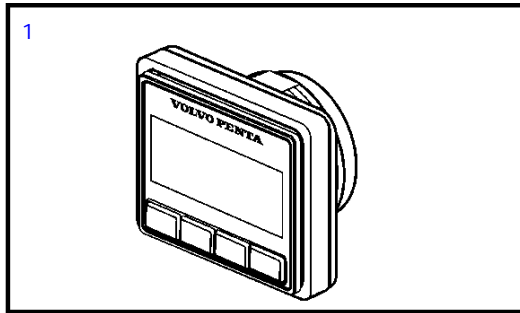


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D11A-D

| REF | PART NO. | QTY | DESCRIPTION      | NOTES |
|-----|----------|-----|------------------|-------|
| 1   | 21761722 | 1   | Display          |       |
| 2   | 3588972  | 3   | Cable kit        |       |
| 3   | 21469055 | 2   | Connection block |       |
| 4   | 3886666  | 7   | Cable            |       |
| 5   | 21287072 | 1   | Wiring harness   |       |
| 6   | 21421941 | 2   | Cable            |       |
| 7   | 21450563 | 2   | Cable            |       |
| 8   | 977184   | 1   | * Housing        |       |
| 9   | 873765   | 1   | Relay            | 12V   |
|     | 3171420  | 1   | Relay            | 24V   |
| 10  | 21427460 | 1   | Cable            |       |

D11A-D

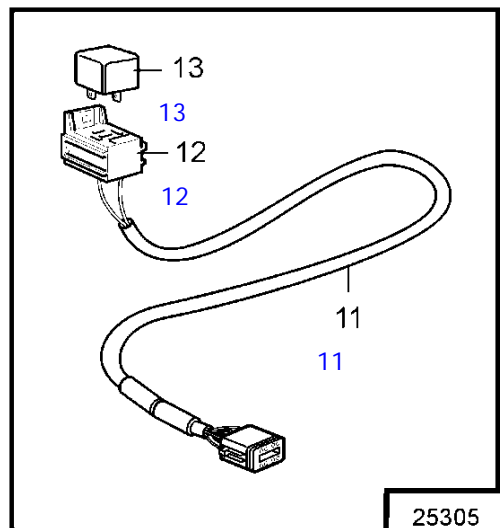
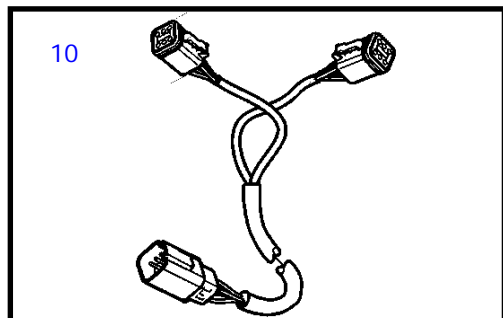
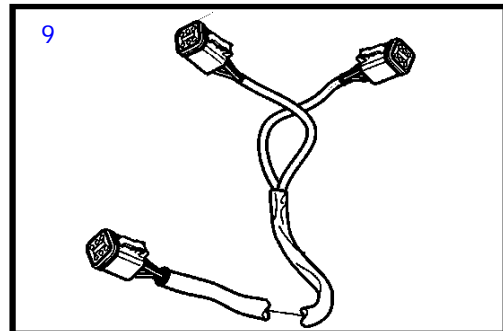
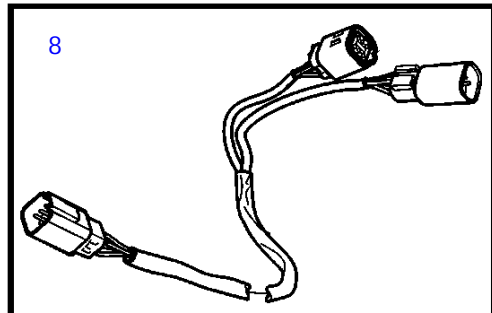
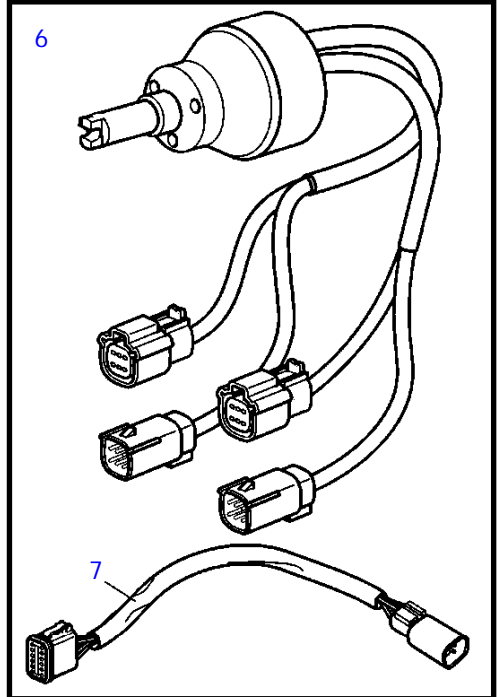
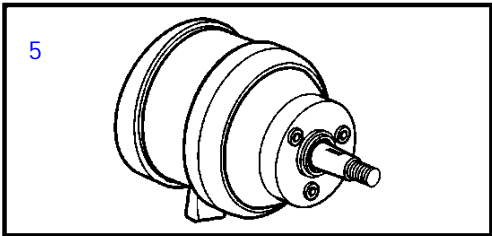
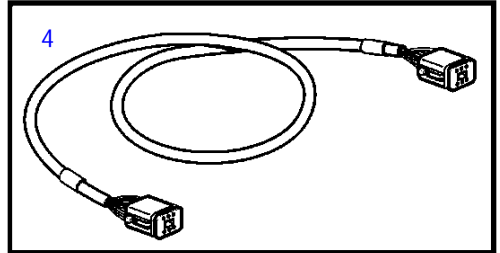
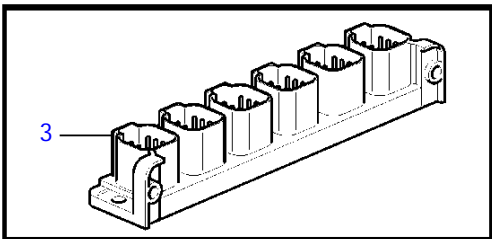
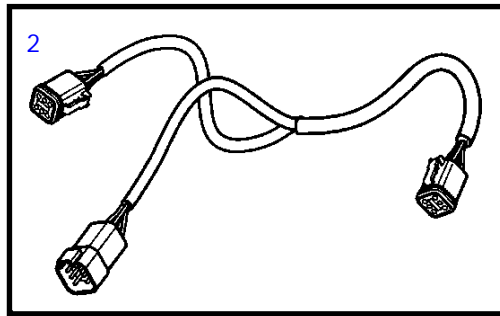
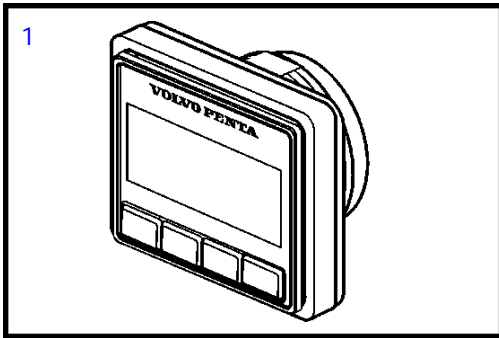


25290





D11A-D MP IPS

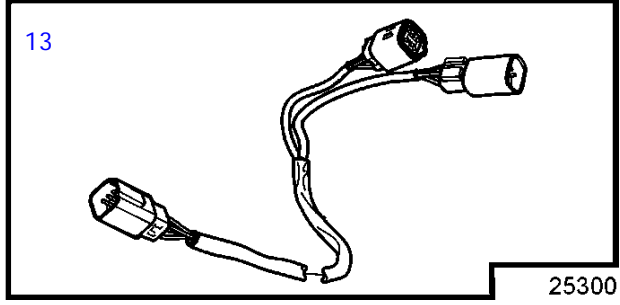
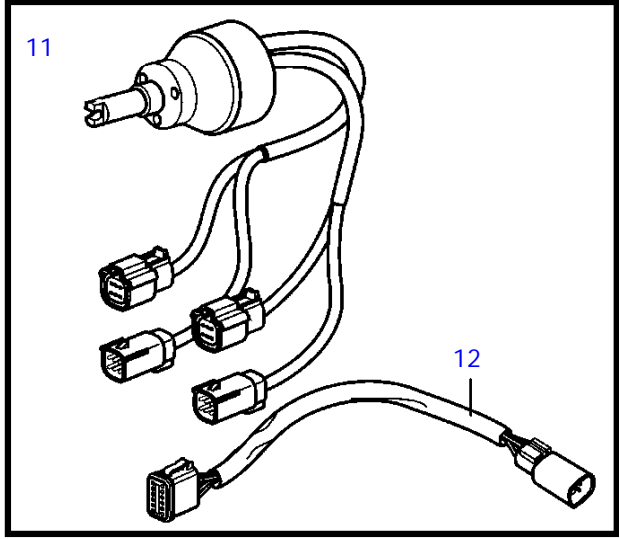
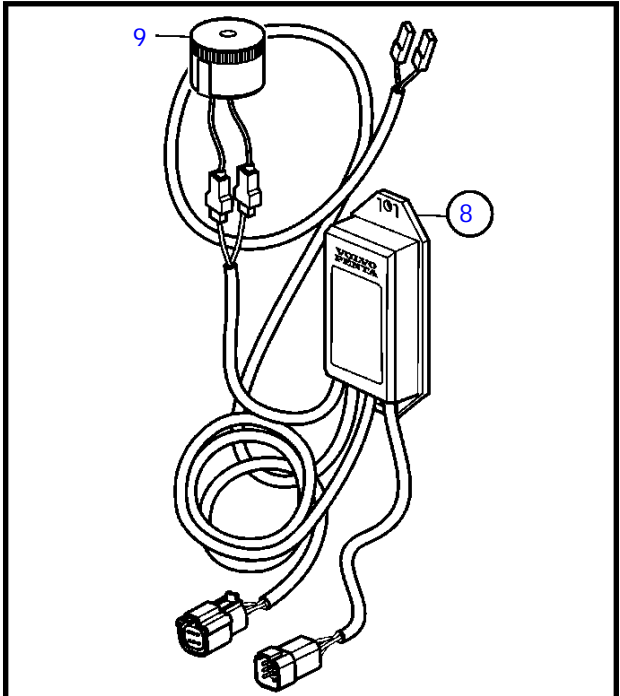
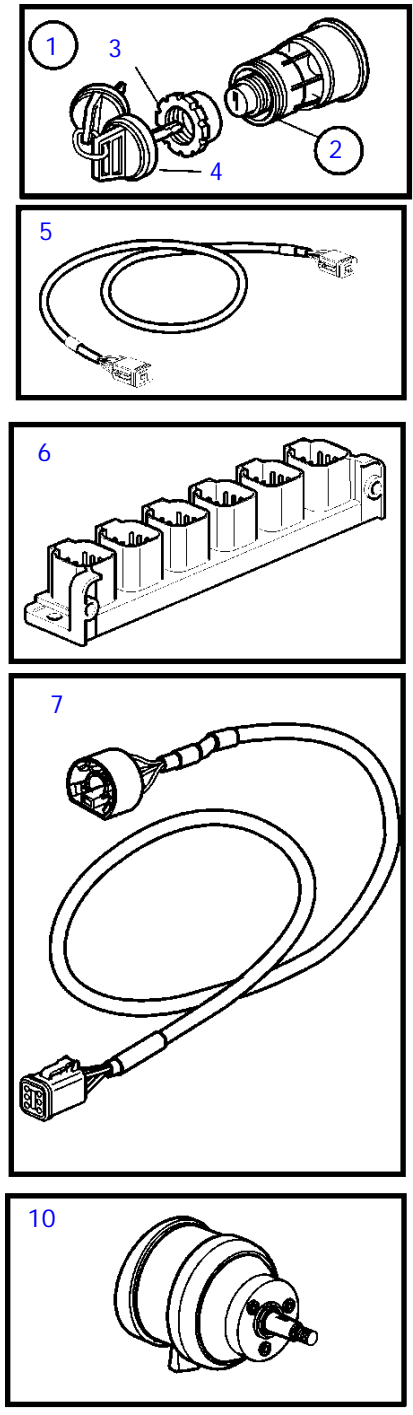


25305

D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | NOTES                            |
|-----|----------|-----|----------------------|----------------------------------|
| 1   | 21761722 | 1   | Display              |                                  |
| 2   | 3588972  | 3   | Cable kit            |                                  |
| 3   | 21469055 | 2   | Connection block     |                                  |
| 4   | 3886666  | 7   | Cable                |                                  |
| 5   | 3841280  | 1   | Steering wheel adjus |                                  |
| 6   | 21469560 | 1   | Steering wheel hub   |                                  |
| 7   | 21421942 | 1   | Cable                | Alternative for EVC-C3           |
| 8   | 21421941 | 2   | Cable                | For EVC system and hub 21469560. |
| 9   | 21287072 | 1   | Wiring harness       |                                  |
| 10  | 21427460 | 1   | Cable                |                                  |
| 11  | 21450563 | 2   | Cable                |                                  |
| 12  | 977184   | 1   | * Housing            |                                  |
| 13  | 873765   | 1   | Relay                | 12V                              |
|     | 3171420  | 1   | Relay                | 24V                              |

D11A-D

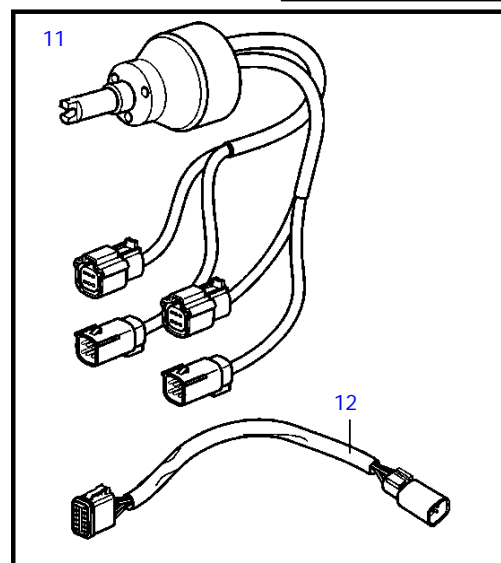
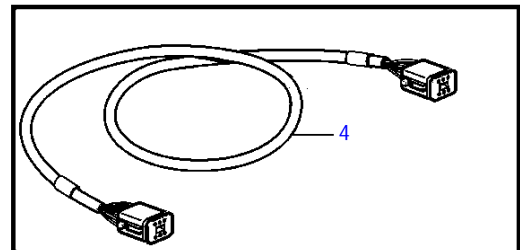
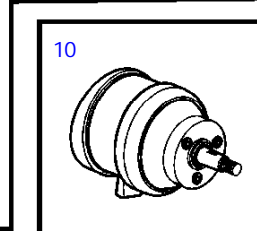
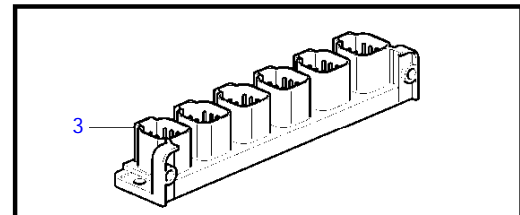
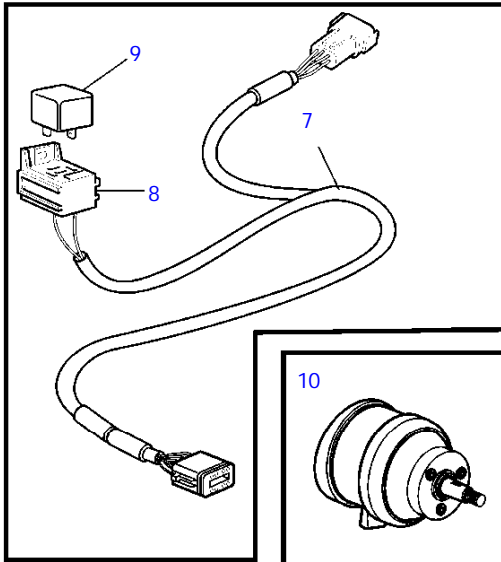
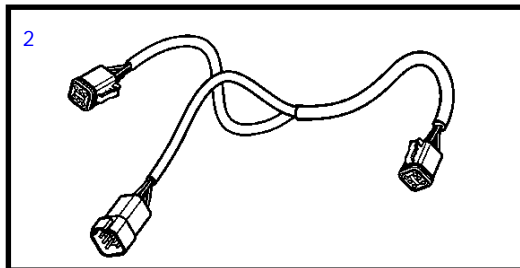
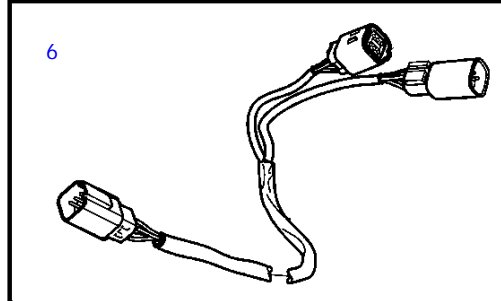
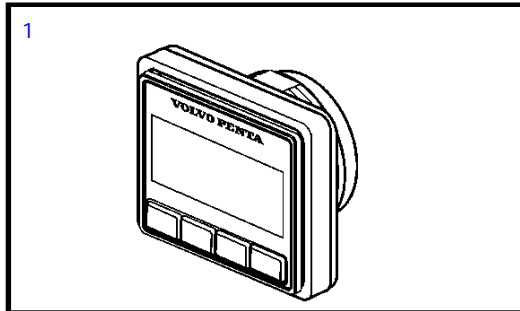


25300

D11A-D

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC. | NOTES                                     |
|-----|----------|-----|----------------------|----------|---|
| 1   | 3587070  | 1   | Starter switch, set  |          | Kit with 2 key switch with identical key. |
| 2   | 3587071  | 1   | Starter switch       |          |   |
| 3   | 859955   | 1   | * Plastic nut        |          |   |
| 4   | 859953   | 1   | * Key                |          | State key code when ordering.             |
|     |          |     | * Bulletin 49-30     | 49-30-EN | Key P/N 859953                            |
| 5   | 3886666  | 5   | Cable                |          |   |
| 6   | 21469055 | 1   | Connection block     |          |   |
| 7   | 881849   | 1   | Wiring harness       |          |   |
| 8   | 21461496 | 2   | Network adapter      |          |   |
| 9   | 3817974  | 1   | * Alarm              |          |   |
| 10  | 3841280  | 1   | Steering wheel adjus |          |   |
| 11  | 21469560 | 1   | Steering wheel hub   |          |   |
| 12  | 21421942 | 1   | Cable                |          | Alternative for EVC-C3                    |
| 13  | 21421941 | 2   | Cable                |          | For EVC system and hub 21469560.          |

D11A-D MP IPS

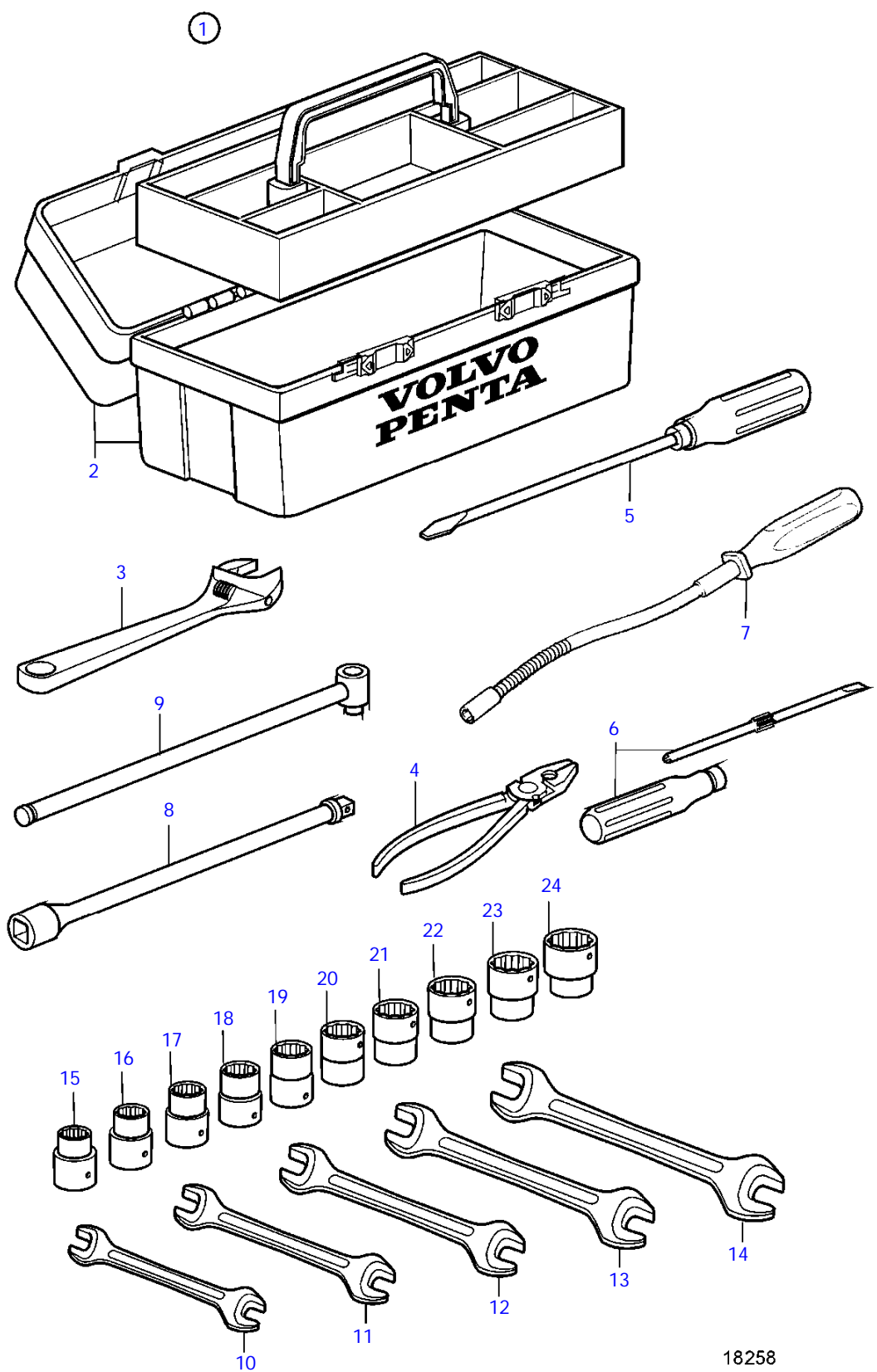


25306

## D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION          | NOTES                  |
|-----|----------|-----|----------------------|------------------------|
| 1   | 21761722 | 1   | Display              |                        |
| 2   | 3588972  | 4   | Cable kit            |                        |
| 3   | 21469055 | 2   | Connection block     |                        |
| 4   | 3886666  | 9   | Cable                |                        |
| 5   | 21287072 | 1   | Wiring harness       |                        |
| 6   | 21421941 | 2   | Cable                |                        |
| 7   | 21450563 | 2   | Cable                |                        |
| 8   | 977184   | 1   | * Housing            |                        |
| 9   | 873765   | 1   | Relay                | 12V                    |
|     | 3171420  | 1   | Relay                | 24V                    |
| 10  | 3841280  | 1   | Steering wheel adjus |                        |
| 11  | 21469560 | 1   | Steering wheel hub   |                        |
| 12  | 21421942 | 1   | Cable                | Alternative for EVC-C3 |

D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS



18258



D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | PART NO. | QTY | DESCRIPTION            | NOTES                  |
|-----|----------|-----|------------------------|------------------------|
| 1   | 3832808  | 1   | Tool box               | (849167)               |
| 2   | 3841091  | 1   | * Tool box             | (842021)               |
| 3   | (962045) | 1   | * Adjustable wrench    | Obsolete part          |
| 4   | (962032) | 1   | * Pliers               | Obsolete part          |
| 5   | 804771   | 1   | * Screwdriver          |                        |
| 6   | (963929) | 1   | * Combination screwdri | Obsolete part          |
| 7   | 884573   | 1   | * Tool                 |                        |
| 8   | (962295) | 1   | * Extension            | Obsolete part          |
| 9   | (962291) | 1   | * Jointed handle       | Obsolete part          |
| 10  | (884912) | 1   | * Open-end wrench      | 10-11mm, Obsolete part |
| 11  | (884913) | 1   | * Open-end wrench      | 12-13mm, Obsolete part |
| 12  | (884914) | 1   | * Open-end wrench      | 14-15mm, Obsolete part |
| 13  | (884915) | 1   | * Open-end wrench      | 17-19mm, Obsolete part |
| 14  | (884916) | 1   | * Open-end wrench      | 22-24mm, Obsolete part |
| 15  | (962259) | 1   | * Sleeve               | 10mm, Obsolete part    |
| 16  | (962260) | 1   | * Sleeve               | 11mm, Obsolete part    |
| 17  | (962269) | 1   | * Sleeve               | 12mm, Obsolete part    |
| 18  | (962261) | 1   | * Sleeve               | 13mm, Obsolete part    |
| 19  | (962270) | 1   | * Sleeve               | 14mm, Obsolete part    |
| 20  | (962271) | 1   | * Sleeve               | 15mm, Obsolete part    |
| 21  | (962262) | 1   | * Sleeve               | 17mm, Obsolete part    |
| 22  | (962263) | 1   | * Sleeve               | 19mm, Obsolete part    |
| 23  | (962264) | 1   | * Sleeve               | 22mm, Obsolete part    |
| 24  | (962267) | 1   | * Sleeve               | 30mm, Obsolete part    |

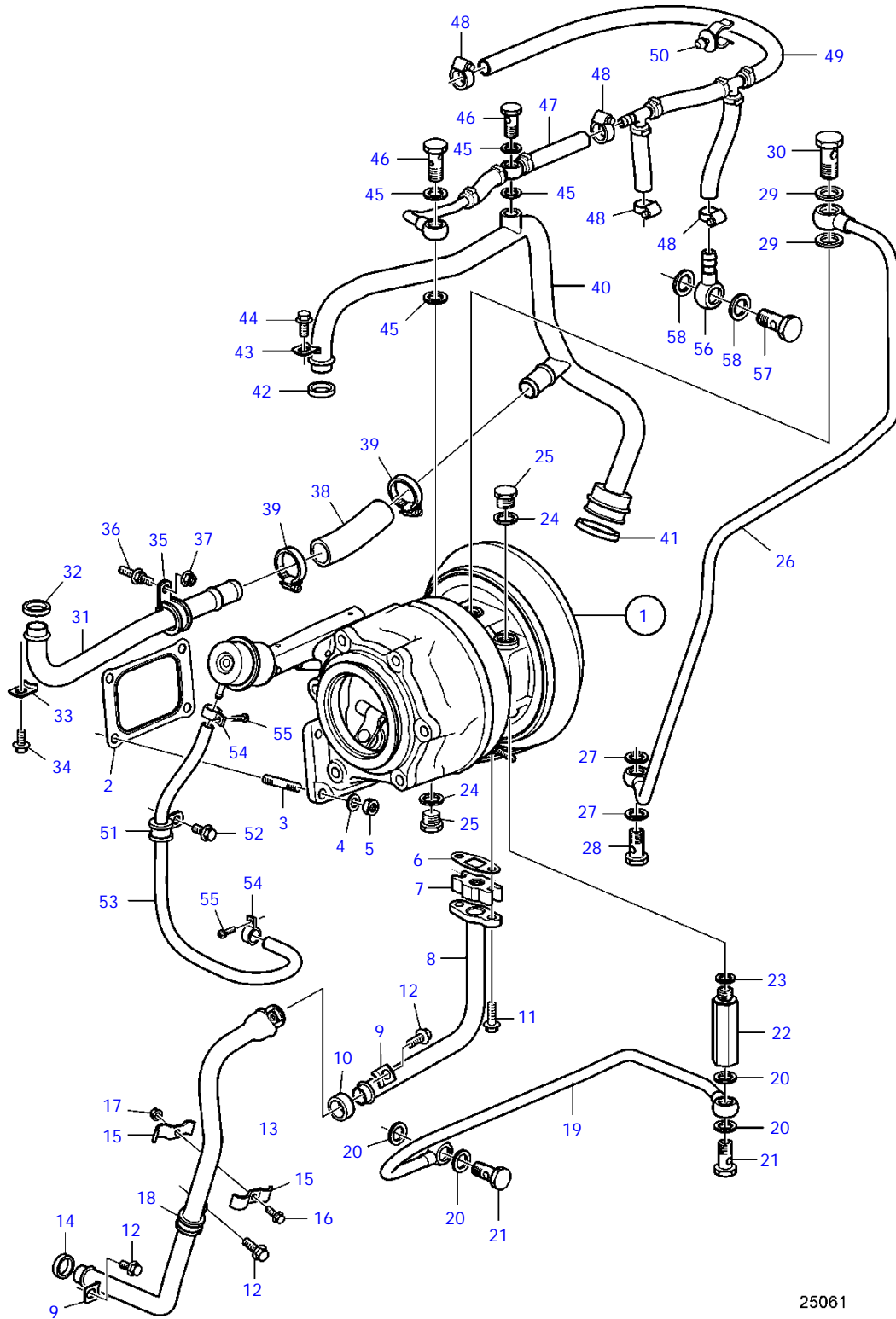
D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                                 | NOTES         |
|-----|----------|-----|---|---------------|
| 1   | 3594832  | 1   | Overhaul kit, cylinder head                 | Std           |
|     | 85110558 | 6   | * Copper sleeve kit                         |               |
|     | 3842972  | 12  | * Exhaust valve                             |               |
|     | 20737856 | 12  | * Inlet valve                               |               |
|     | 20510747 | 48  | * Valve cotter                              |               |
|     | 20905400 | 24  | * Valve guide                               |               |
|     | 20509465 | 12  | * Valve seat                                |               |
|     | 20509467 | 12  | * Valve seat                                |               |
|     | 3593796  | 1   | Overhaul kit, reconditioning                | Std           |
|     | 3593795  | 1   | * Cylinder liner kit                        |               |
|     | 20867178 | 7   | * Main bearing kit                          |               |
|     | 20856959 | 6   | * Big-end bearing kit                       |               |
|     | 3843449  | 1   | * Cylinder head gasket                      |               |
|     | 3817206  | 1   | * Gasket kit                                |               |
|     | 3807684  | 1   | * Gasket kit                                |               |
|     | 3807681  | 1   | * De-carbonizing kit                        |               |
|     | 3842945  | 1   | * Overhaul gasket kit                       |               |
|     | 3093651  | 1   | T thrust washer kit                         | Std           |
|     | 3093652  | 1   | T thrust washer kit                         | O.S=0,1mm     |
|     | 3093653  | 1   | T thrust washer kit                         | O.S=0,20mm    |
|     | 3093654  | 1   | T thrust washer                             | O.S=0,30mm    |
|     | 20867178 | 7   | Main bearing kit                            | Std           |
|     | 20867751 | 7   | Main bearing                                | O.S=0,25mm    |
|     | 85103709 | 7   | Main bearing kit                            | O.S=0,50mm    |
|     | 85103711 | 7   | Main bearing kit                            | O.D=1,0mm     |
|     | 20856959 | 6   | Big-end bearing kit                         | Std           |
|     | 20463853 | 1   | Shim  |               |
|     | 20463854 | 1   | Shim  | 0,30mm        |
|     | 20463855 | 1   | Shim  | 0,50mm        |
|     | 3843449  | 1   | Cylinder head gasket, cylinder head         |               |
|     | 20495935 | 1   | * Cylinder head gasket                      |               |
|     | 20479636 | 1   | * Sealing strip                             |               |
|     | 20526428 | 1   | * Sealing ring                              |               |
|     | 1677370  | 2   | * Sealing ring                              |               |
|     | 3817206  | 1   | Gasket kit, induct+exhaust manifold         |               |
|     | 8148172  | 6   | * Gasket                                    |               |
|     | 947281   | 1   | * Gasket                                    |               |
|     | 1161231  | 1   | * Sealant                                   | 304ml         |
|     | 3807681  | 1   | De-carbonizing kit                          |               |
|     | 20536487 | 6   | * O-ring                                    |               |
|     | 944364   | 12  | * O-ring                                    |               |
|     | 20804638 | 1   | * Sealing strip                             |               |
|     | 949657   | 1   | * O-ring                                    |               |
|     | 3807684  | 1   | Gasket kit, turbo                           |               |
|     | 420641   | 1   | * Gasket                                    |               |
|     | 1547255  | 2   | * Sealing ring                              |               |
|     | 20781146 | 1   | * Gasket                                    |               |
|     | 420643   | 1   | * Gasket                                    |               |
|     | 469601   | 1   | * Sealing ring                              |               |
|     | 3884171  | 1   | Gasket kit                                  | For D11A-D    |
|     | 3817589  | 1   | Overhaul kit, sea water pump                |               |
|     | 3587881  | 2   | * Bearing                                   |               |
|     | 3583605  | 4   | * Hexagon screw                             |               |
|     | 3587882  | 1   | * Sealing                                   |               |
|     | 3583609  | 1   | * Sealing                                   |               |
|     | 3583614  | 1   | * O-ring                                    |               |
|     | 925259   | 1   | * O-ring                                    |               |
|     | 809444   | 1   | * Lock ring                                 |               |
|     | 812951   | 1   | * Lock ring                                 |               |
|     | 812953   | 1   | * Lock ring                                 |               |
|     | 941914   | 1   | * Spring washer                             | Obsolete part |
|     | 807589   | 1   | * Wear washer                               |               |
|     | 3817587  | 1   | * Impeller kit                              |               |
|     | 3817587  | 1   | Impeller kit, sea water pump                |               |
|     | 3587885  | 1   | * O-ring                                    |               |
|     | 949735   | 1   | * O-ring                                    |               |
|     | 3842945  | 1   | Overhaul gasket kit, additional recondition |               |
|     | 20584639 | 1   | * Sealing strip, oil cooler                 |               |
|     | 1547252  | 2   | * Sealing ring, oil cooler                  |               |
|     | 11994    | 1   | * Gasket, oil cooler                        |               |
|     | 20817742 | 1   | * Gasket, timing gear cover                 |               |
|     | 1161277  | 1   | * Sealant, flywheel housing                 |               |
|     | 20572441 | 1   | * Gasket, timing gear cover                 |               |
|     | 8148259  | 1   | * Crankshaft seal, rear                     |               |
|     | 949735   | 1   | * O-ring, flywheel housing                  |               |
|     | 85108423 | 1   | * Crankshaft seal, front                    |               |
|     | 1636309  | 1   | * Sealing ring, oil pump                    |               |

D11A-A, D11A-D

| REF | PART NO. | QTY | DESCRIPTION                        | NOTES         |
|-----|----------|-----|------------------------------------|---------------|
|     | 1543225  | 2   | * Sealing ring, oil pump           |               |
|     | 21092243 | 3   | * Sealing ring, oil pump           |               |
|     | 471956   | 4   | * Gasket, oil pump                 |               |
|     | 469846   | 1   | * Sealing ring, oil pump           |               |
|     | 944126   | 1   | * O-ring, oil pump                 |               |
|     | 948610   | 1   | * O-ring, oil pump                 |               |
|     | 949656   | 1   | * O-ring, oil dipstick             |               |
|     | 20555696 | 1   | * Sealing ring, oil filling        |               |
|     | 949721   | 1   | * O-ring, draining                 |               |
|     | 18813    | 1   | * Gasket, draining                 |               |
|     | 949187   | 2   | * O-ring, oil dipstick             |               |
|     | 20480827 | 1   | * Gasket, oil-filter housing       |               |
|     | 471626   | 2   | * Sealing ring, oil-filter housing |               |
|     | 947627   | 2   | * Gasket, oil-filter housing       |               |
|     | 11994    | 1   | * Gasket, oil-filter housing       |               |
|     | 947622   | 1   | * Gasket, oil-filter housing       |               |
|     | 947629   | 1   | * Gasket, oil-filter housing       |               |
|     | 976039   | 1   | * O-ring, oil-filter housing       | Obsolete part |
|     | 949659   | 1   | * O-ring, oil-filter housing       |               |
|     | 469846   | 1   | * Sealing ring, oil-filter housing |               |
|     | 947627   | 1   | * Gasket, oil-filter housing       |               |
|     | 947624   | 1   | * Gasket, oil-filter housing       |               |
|     | 982721   | 2   | * Gasket, fuel pipes               |               |
|     | 982724   | 8   | * Gasket, fuel pipes               |               |
|     | 982723   | 12  | * Gasket, fuel pipes               |               |
|     | 977030   | 1   | * O-ring, fuel pipes               |               |
|     | 3169573  | 1   | * Sealing, fuel pipes              |               |
|     | 3584461  | 1   | * O-ring, crankcase vent.          |               |
|     | 1547252  | 1   | * Sealing ring, cylinder block     |               |
|     | 967343   | 4   | * O-ring, oil pan                  |               |
|     | 990058   | 2   | * O-ring, oil pan                  |               |
|     | 11996    | 2   | * Gasket, oil-filter housing       |               |
|     | 469982   | 2   | * Sealing ring, water pipe         |               |
|     | 947281   | 1   | * Gasket, water pipe               |               |
|     | 1542781  | 2   | * Sealing ring, charge air cooler  |               |
|     | 1542783  | 1   | * O-ring, charge air cooler        |               |
|     | 3807481  | 1   | * Sealing ring, charge air cooler  |               |
|     | 20812484 | 1   | * Sealing strip, oil pan           |               |
|     | 948981   | 3   | * O-ring, oil-filter housing       |               |
|     | 948885   | 1   | * Gasket, oil-filter housing       |               |

D11A-A, D11A-B, D11A-C, D11A-D



25061

D11A-A, D11A-B, D11A-C, D11A-D

| REF | PART NO. | QTY | DESCRIPTION        | NOTES         |
|-----|----------|-----|--------------------|---------------|
| 1   | 3801221  | 1   | Turbocharger, exch |               |
|     |          |     | *                  |               |
| 2   | 20784537 | 1   | Gasket             |               |
| 3   | 924081   | 4   | Stud               |               |
| 4   | 940097   | 4   | Washer             |               |
| 5   | 971071   | 4   | Hexagon nut        |               |
| 6   | 420643   | 1   | Gasket             |               |
| 7   | 8148729  | 1   | Connector          |               |
| 8   | 21138944 | 1   | Oil line           |               |
| 9   | 20565843 | 2   | Lock brace         |               |
| 10  | 469601   | 1   | Sealing ring       |               |
| 11  | 947760   | 2   | Flange screw       |               |
| 12  | 946440   | 3   | Flange screw       |               |
| 13  | 21138943 | 1   | Oil line           |               |
| 14  | 1547255  | 1   | Sealing ring       |               |
| 15  | 820851   | 2   | Clamp              |               |
| 16  | 946544   | 1   | Flange screw       |               |
| 17  | 945407   | 1   | Flange nut         |               |
| 18  | 1545432  | 1   | Attaching clamp    |               |
| 19  | 21132693 | 1   | Coolant pipe       |               |
| 20  | 11996    | 4   | Gasket             |               |
| 21  | 941686   | 2   | Hollow screw       |               |
| 22  | 3889823  | 1   | Nipple             |               |
| 23  | 11996    | 1   | Gasket             |               |
| 24  | 11998    | 2   | Gasket             |               |
| 25  |          | 2   | Plug               |               |
| 26  | 21139074 | 1   | Oil line           |               |
| 27  | 11996    | 2   | Gasket             |               |
| 28  | 991046   | 1   | Hollow screw       |               |
| 29  | 11998    | 2   | Gasket             |               |
| 30  | (991613) | 1   | Hollow screw       | Obsolete part |
| 31  | 3888530  | 1   | Coolant pipe       |               |
| 32  | 1547252  | 1   | Sealing ring       |               |
| 33  | 1546531  | 1   | Lock brace         |               |
| 34  | 946440   | 1   | Flange screw       |               |
| 35  | 947827   | 1   | Clamp              |               |
| 36  | 20714050 | 2   | Stud               |               |
| 37  | 945408   | 2   | Flange nut         |               |
| 38  | 969033   | 1   | Rubber hose        |               |
| 39  | 961664   | 2   | Hose clamp         |               |
| 40  | 3888525  | 1   | Coolant pipe       |               |
| 41  | 1547253  | 1   | Sealing ring       |               |
| 42  | 1547252  | 1   | Sealing ring       |               |
| 43  | 1546531  | 1   | Lock brace         |               |
| 44  | 946440   | 1   | Flange screw       |               |
| 45  | 11996    | 4   | Gasket             |               |
| 46  | 941686   | 2   | Hollow screw       |               |
| 47  | 3593747  | 1   | Pipe set           |               |
| 48  | 961663   | 4   | Hose clamp         |               |
| 49  | 3594055  | 1   | Hose assembly      |               |
| 50  | 9135343  | 2   | Retainer           |               |
| 51  | 978869   | 1   | Clamp              |               |
| 52  | 946440   | 1   | Flange screw       |               |
| 53  |          | 1   | Hose               |               |
| 54  |          | 2   | Clamp              |               |
| 55  |          | 2   | Screw              |               |
| 56  | 20459906 | 1   | Banjo nipple       |               |
| 57  | 991048   | 1   | Hollow screw       |               |
| 58  | 982723   | 2   | Gasket             |               |

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| DESCRIPTION         | SEE SEC. | NOTES                          |
|---------------------|----------|--------------------------------|
| Cylinder Head       | 21984    | D11A-A, D11A-B, D11A-C, D11A-D |
| Valve Cover         | 21986    | D11A-A, D11A-B, D11A-C, D11A-D |
| Cylinder Block      | 21987    | D11A-A, D11A-B, D11A-C, D11A-D |
| Flywheel Housing    | 21988    | D11A-A, D11A-B, D11A-C, D11A-D |
| Valve Mechanism     | 21985    | D11A-A, D11A-B, D11A-C, D11A-D |
| Timing Gear         | 21989    | D11A-A, D11A-B, D11A-C, D11A-D |
| Camshaft            | 21990    | D11A-A, D11A-B, D11A-C, D11A-D |
| Crank Mechanism     | 21991    | D11A-A, D11A-B, D11A-C, D11A-D |
| Engine Mounting     | 21992    | D11A-A, D11A-B, D11A-C, D11A-D |
| Engine mounting IPS | 36723    | D11A-C, D11A-D                 |
| Adapter Ring IPS    | 35983    | D11A-C, D11A-D                 |
|                     |          |                                |



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| DESCRIPTION   | SEE SEC. | NOTES   |
|---|----------|---|
| Lubricating System                                    | 35958    | D11A-C, D11A-D                                |
| Oil Filter and Oil Lines                              | 21995    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Oil Filter and Oil Lines                              | 35972    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Oil Filter and Oil Lines IPS                          | 36724    | D11A-C, D11A-D                                |
| Oil Filter Housing                                    | 21996    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Oil Cooler  | 21997    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Electrical Oil Bilge Pump 24V                         | 862      | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Electrical Oil Bilge Pump 12V                         | 5126     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Oil Drain Pump and Installation Parts, Engine Mounted | 21998    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Oil Drain Pump and Installation Parts, Engine Mounted | 21999    | D11A-A, D11A-B, D11A-C, D11A-D                |

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| DESCRIPTION                             | SEE SEC. | NOTES   |
|---|----------|---|
| Fuel System                             | 22000    | D11A-A, D11A-B, D11A-D                        |
| Fuel System                             | 35960    | D11A-C, D11A-D                                |
| Fuel Filter                             | 36062    | D11A-C, D11A-D                                |
| Fuel System and Fuel Filter IPS         | 36726    | D11A-C, D11A-D                                |
| Fuel Cleaner/ Water Separator           | 21750    | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Fuel Cleaner / Water Separator, Single. | 2924     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Fuel Cleaner / Water Separator, Twin    | 22001    | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Flexible Fuel Hose                      | 22002    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Unit Injector                           | 22003    | D11A-A, D11A-B, D11A-C, D11A-D                |
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| DESCRIPTION                       | SEE SEC. | NOTES                          |
|-----------------------------------|----------|--------------------------------|
| Intake and Exhaust Manifold       | 22004    | D11A-A, D11A-B, D11A-C, D11A-D |
| Turbocharger                      | 36733    | D11A-A, D11A-B, D11A-C, D11A-D |
| Compressor                        | 35938    | D11A-C, D11A-D                 |
| Compressor Components             | 36800    | D11A-C, D11A-D                 |
| Heat Protection for Turbocharger  | 22231    | D11A-A, D11A-B, D11A-C, D11A-D |
| Air Filter                        | 22220    | D11A-A, D11A-B, D11A-C, D11A-D |
| Air Filter for Engine with IPS    | 35959    | D11A-C, D11A-D                 |
| Crankcase Ventilation, Closed     | 22315    | D11A-A, D11A-B, D11A-C, D11A-D |
| Wet Exhaust Riser Elbow           | 7432     | D11A-A, D11A-B, D11A-C, D11A-D |
| Wet Exhaust Pipe Elbow with Riser | 10140    | D11A-A, D11A-B, D11A-C, D11A-D |
| Wet Exhaust Pipe Elbow IPS        | 35984    | D11A-C, D11A-D                 |
| Crankcase Ventilation, Closed     | 36734    | D11A-A, D11A-B, D11A-C, D11A-D |

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| DESCRIPTION   | SEE SEC. | NOTES   |
|---|----------|---|
| Belt Guard  | 22007    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Oil Cooler for ZF305-2A-E, ZF311A-E, ZF325IV-E          | 22327    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Oil Cooler for IPS Unit                                 | 36737    | D11A-C, D11A-D                                |
| Heat Exchanger and Expansion Tank                       | 36736    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Heat Exchanger, Components                              | 22008    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Belt Transmission and Belt Tensioner Device             | 22011    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Cooling Water Pump and Thermostat Housing               | 22010    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Connecting Components for Charge Air Cooler             | 36793    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Charge Air Cooler                                       | 36746    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Sea Water Pump for Engines with IPS                     | 22269    | D11A-C, D11A-D                                |
| Sea Water Pump, Components, for Engines with IPS        | 35883    | D11A-C, D11A-D                                |
| Sea Water Pump, for Engine with Reverse Gear            | 35927    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Sea Water Pump, Component, for Engine with Reverse Gear | 35924    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Sea Water Filter  | 36753    | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Hot Water Outlet  | 36757    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Cooling Water Intake                                    | 8964     | D11A-A, D11A-B, D11A-C, D11A-D                |
| Cooling Water Intake for Engines with IPS               | 35976    | D11A-C, D11A-D                                |

| DESCRIPTION  | SEE SEC. | NOTES   |
|--|----------|---|
| Adapter for Mechanical Control, EVC  | 22317    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Electronic Control for Side Installation, EVC  | 8673     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Control for top Installation: A  | 6311     | D11A-A, D11A-D                                |
| Control for top Installation: B  | 6311B    | D11A-A, D11A-D                                |
| Control for top Installation: A  | 7461     | D11A-A, D11A-D                                |
| Control for top Installation: B  | 7461B    | D11A-A, D11A-D                                |
| Electronic Speed Control without Trim Button, Inboard, EVC-D, Single Installation        | 36120    | D11A-D  |
| Electronic Speed Control without Trim Button, Inboard Alt. IPS, EVC-D, Twin Installation | 36121    | D11A-D  |
| Joystick Plus  | 35971    | D11A-C, D11A-D                                |
| Control Cables   | 36542    | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Control Cables, Type 233, 333, 443: Type 233   | 231      | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Control Cables, Type 233, 333, 443: Type 333   | 231B     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Control Cables, Type 233, 333, 443: Type 443   | 231C     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |

| DESCRIPTION                                       | SEE SEC. | NOTES   |
|---|----------|---|
| Alternator  | 22260    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Extra Alternator 14V 115A, 28V 80A                | 22272    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Alternator 14V 115A, 28V 80A, Components          | 8811     | D11A-A, D11A-B, D11A-C, D11A-D                |
| Starter Motor                                     | 22270    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Starter Motor, Components                         | 8485     | D11A-A, D11A-B, D11A-C, D11A-D                |
| Control Unit and Connector                        | 7502     | D11A-A, D11A-B, D11A-C, D11A-D                |
| Instrument Panel, EVC                             | 9625     | D11A-A, D11A-B, D11A-C, D11A-D                |
| Electrical Materials, Instrument EVC-C            | 22158    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Control Unit and Cables, EVC-C                    | 21877    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Control Unit and Cables, EVC-C2                   | 35138    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Control Unit and Cables, EVC-C2, for IPS Engines  | 35934    | D11A-C, D11A-D                                |
| Control Unit and Cables, EVC-C3                   | 35746    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Control Unit and Cables, EVC-C3, for IPS Engines  | 35935    | D11A-C, D11A-D                                |
| Control Unit and Cables EVC-D                     | 36092    | D11A-D, D11A-D MP IPS                         |
| Control Unit and Cables EVC-D                     | 36145    | D11A-D  |
| Secondary Station, Single Installation, EVC-D     | 36153    | D11A-D  |
| Secondary Station, Twin Installation, EVC-D       | 36154    | D11A-D  |
| Docking Station, IPS, Twin Installation, EVC-D    | 36169    | D11A-D MP IPS                                 |
| Mini-display, Flush Mounting, EVC-D               | 36141    | D11A-D  |
| Secondary Station Twin Electronic Steering, EVC-D | 36159    | D11A-D  |
| Docking Station, IPS, Triple Installation, EVC-D  | 36172    | D11A-D MP IPS                                 |
| Docking Station, IPS, Quad Installation, EVC-D    | 36173    | D11A-D MP IPS                                 |
| EVC 4" Color Display                              | 36830    | D11A-A, D11A-B, D11A-C, D11A-D                |
| EVC 7" Color Display                              | 35753    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Mini-display, top Mounting, EVC-D                 | 36140    | D11A-C, D11A-D                                |
| Electrical System                                 | 22013    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Electrical System                                 | 36488    | D11A-A, D11A-B, D11A-C, D11A-D                |
| Contacts and Sensors                              | 22014    | D11A-A, D11A-D                                |
| Fuse and Relay Holder                             | 22015    | D11A-A, D11A-D                                |
| Monitoring Panels, EVC-C                          | 21445    | D11A-A, D11A-D                                |
| Fuel Tank Sender, EVC                             | 6371     | D11A-A, D11A-D                                |
| Main Battery Switch                               | 4485     | D11A-A, D11A-D                                |
| Electrical Materials                              | 7003     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Electrical Materials                              | 1963     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Electrical Materials                              | 1964     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
| Electrical Materials                              | 1965     | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |

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| DESCRIPTION                          | SEE SEC. | NOTES          |
|--------------------------------------|----------|----------------|
| Connecting Components for ZF305-2A-E | 22369    | D11A-A, D11A-D |
| Connecting Components for ZF311A-E   | 22366    | D11A-A, D11A-D |
| Connecting Components for ZF325IV-E  | 22367    | D11A-A, D11A-D |
| Trolling Valve ZF                    | 22386    | D11A-A, D11A-D |
|                                      |          |                |



| DESCRIPTION  | SEE SEC. | NOTES         |
|--|----------|---------------|
| Main Station, Single Installation, EVC-D           | 36146    | D11A-D        |
| Main Station, Twin Installation, EVC-D             | 36147    | D11A-D        |
| Main Station, Triple Installation, EVC-D           | 36148    | D11A-D        |
| Main Station, Quad Installation, EVC-D             | 36149    | D11A-D        |
| Main Station IPS2, Triple Installation, EVC-D      | 36164    | D11A-D MP IPS |
| Main Station IPS2, Quad Installation, EVC-D        | 36166    | D11A-D MP IPS |
| Secondary Station, Triple Installation, EVC-D      | 36151    | D11A-D        |
| Secondary Station, Quad Installation, EVC-D        | 36150    | D11A-D        |
| Secondary Station IPS2, Triple Installation, EVC-D | 36165    | D11A-D MP IPS |
| Main Station IPS, Twin Electronic Steering, EVC-D  | 36155    | D11A-D        |
| Secondary Station IPS2, Quad Installation, EVC-D   | 36167    | D11A-D MP IPS |

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| DESCRIPTION | SEE SEC. | NOTES   |
|-------------|----------|---|
| Tool Kit    | 812      | D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS |
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| DESCRIPTION | SEE SEC. | NOTES          |
|-------------|----------|----------------|
| Repair Kits | 22016    | D11A-A, D11A-D |
|             |          |                |





D11A-A, D11A-B, D11A-C, D11A-D, D11A-D MP IPS

| REF | DESCRIPTION               | SEE SEC. |
|-----|---------------------------|----------|
| 21  | Engine                    | 21       |
| 22  | Lubricating System        | 22       |
| 23  | Fuel System               | 23       |
| 25  | Intake and Exhaust System | 25       |
| 26  | Cooling System            | 26       |
| 27  | Controls                  | 27       |
| 30  | Electrical System         | 30       |
| 44  | Transmissions             | 44       |
| 64  | Steering System           | 64       |
| 90  | Miscellaneous Equipment   | 90       |
| 99  | Repair Kits               | 99       |

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