

SPARE PARTS CATALOGUE



WÄRTSILÄ **Engines**

Wärtsilä Deutz SBV8M628

Spare Parts Catalogue

Document ID

Installation

Engine type **SBV8M628**

Engine number

Project

| Equipment: | | Designation | Engine type | SBV8M628 |
|------------|----------|-----------------------|-------------|----------|
| CG | ETL-No. | (en) | | |
| 1 | | Crankcase | | |
| 1 | 05025921 | Cover | | |
| 1 | 05025922 | Cover | | |
| 1 | 05025923 | Relief valve | | |
| 1 | 05026671 | Crankcase | | |
| 2 | | Oil pan | | |
| 2 | 05025924 | Oil pan | | |
| 2 | 05025925 | Fastenings | | |
| 2 | 05025926 | Oil gauge | | |
| 4 | | Cylinder | | |
| 4 | 05062408 | Cylinder liner | | |
| 5 | | Crankshaft | | |
| 5 | 05025928 | Crankshaft | | |
| 5 | 05061824 | Fastenings | | |
| 5 | 05061836 | Flywheel | | |
| 5 | 05062468 | Clutch assembly | | |
| 6 | | Connecting rod | | |
| 6 | 05060791 | Connecting rod | | |
| 6 | 05066258 | Big end bearing | | |
| 7 | | Piston | | |
| 7 | 05065169 | Piston | | |
| 8 | | Cylinder head | | |
| 8 | 05025934 | Plug connection | | |
| 8 | 05025935 | Inlet valve | | |
| 8 | 05025936 | Exhaust valve | | |
| 8 | 05026322 | Sealing ring | | |
| 8 | 05038309 | Valve mechan.cover | | |
| 8 | 05065324 | Cylinder head | | |
| 9 | | Timing chest | | |
| 9 | 05025938 | Gearcase | | |
| 9 | 05026367 | Gear train | | |
| 9 | 05034820 | Crankcase breather | | |
| 10 | | Camshaft | | |
| 10 | 05025940 | Toothed gear | | |
| 10 | 05025942 | Camshaft locator | | |
| 10 | 05062111 | Camshaft | | |
| 11 | | Timing gears | | |
| 11 | 05062539 | Valve drive | | |

| Equipment: | | Designation | Engine type |
|-------------------|----------------|-------------------------|--------------------|
| | | | SBV8M628 |
| CG | ETL-No. | (en) | |
| 14 | | Lube oil pump | |
| 14 | 05025944 | Pump box | |
| 14 | 05025945 | Toothed gear | |
| 14 | 05025946 | Blanking parts | |
| 14 | 05025947 | Gear drive | |
| 14 | 05025948 | Blanking parts | |
| 14 | 05025949 | Blanking parts | |
| 14 | 05026368 | Lubricat. oil pump | |
| 14 | 05026393 | Idler gear | |
| 15 | | Lube oil/-cooler | |
| 15 | 05025951 | Oil centrifuge | |
| 15 | 05025952 | Lubric. oil cooler | |
| 15 | 05025953 | Accessories | |
| 15 | 05025954 | Accessories | |
| 15 | 05034723 | Lubric. oil filter | |
| 15 | 05038208 | Lubric. oil filter | |
| 15 | 05038233 | Lubric. oil filter | |
| 16 | | Oil pipes | |
| 16 | 05025957 | Piston cooling | |
| 16 | 05025958 | Lubricat. oil line | |
| 16 | 05025960 | Lubricat. oil line | |
| 16 | 05025963 | Oil line | |
| 16 | 05025965 | Lubricat. oil line | |
| 16 | 05026394 | Lubricat. oil line | |
| 16 | 05026469 | Lubricat. oil line | |
| 16 | 05026470 | Lubricat. oil line | |
| 16 | 05026471 | Breather | |
| 16 | 05026472 | Breather | |
| 16 | 05026474 | Lubricat. oil line | |
| 16 | 05028446 | Lubricat. oil line | |
| 16 | 05028450 | Non-return valve | |
| 16 | 05028500 | Lubric. oil filter | |
| 16 | 05028501 | Shuttle valve | |
| 16 | 05034853 | Lubricat. oil line | |
| 16 | 05038311 | Lube device | |
| 16 | 05065542 | Lubricat. oil line | |

| Equipment: | | Designation | Engine type | SBV8M628 |
|-------------------|----------------|---------------------------------|--------------------|-----------------|
| CG | ETL-No. | (en) | | |
| 17 | | Injection pump | | |
| 17 | 05025969 | Speedometer drive | | |
| 17 | 05025971 | Lubricat. oil pump | | |
| 17 | 05029604 | Speedometer drive | | |
| 17 | 05032903 | Solenoid | | |
| 17 | 05032904 | Spring-brake actua | | |
| 17 | 05033674 | Lubricat. oil pump | | |
| 17 | 05034672 | Reverse lock | | |
| 17 | 05034674 | Control rod | | |
| 17 | 05034723 | Lubric. oil filter | | |
| 17 | 05038548 | Blanking parts | | |
| 17 | 05060583 | Injec.pump housing | | |
| 17 | 05062005 | Fuel inject. pump | | |
| 17 | 05062006 | Fuel inject. pump | | |
| 17 | 05062007 | Fuel inject. pump | | |
| 17 | 05062008 | Fuel inject. pump | | |
| 17 | 05062009 | Fuel inject. pump | | |
| 17 | 05062064 | Inject.pump compo. | | |
| 18 | | Injection pump drive | | |
| 18 | 05025973 | Inject. pump drive | | |
| 19 | | Injector | | |
| 19 | 05025974 | Fastenings | | |
| 19 | 05062110 | Fuel injector | | |
| 20 | | Fuel filter | | |
| 20 | 05026397 | Fuel filter assy | | |
| 20 | 05028467A | Fuel filter | | |
| 20 | 05038318 | Hand pump | | |
| 20 | 05038348 | Fuel pump | | |
| 20 | 05061611 | Fuel duplex filter | | |
| 21 | | Fuel pipes/fuel tank | | |
| 21 | 05028702 | Leak off line | | |
| 21 | 05034995 | Oil reservoir | | |
| 21 | 05034999 | Measuring probe | | |
| 21 | 05038405 | Fuel tank | | |
| 21 | 05060729 | High pressure pipe | | |
| 21 | 05065150 | Fuel line | | |
| 21 | 05065224 | Leak off line | | |
| 21 | 05065226 | Leak off line | | |
| 21 | 05065271 | Fuel line | | |
| 21 | 05065281 | Leak off line | | |
| 22 | | Suction pipe/air cleaner | | |
| 22 | 05026409 | Silencer | | |
| 22 | 05060308 | Fastenings | | |

| Equipment: | | Designation | Engine type | SBV8M628 |
|------------|----------|----------------------------|-------------|----------|
| CG | ETL-No. | (en) | | |
| 27 | | Speed control | | |
| 27 | 05025979 | Governor drive | | |
| 27 | 05025980 | Fastenings | | |
| 27 | 05026491 | Limit stop | | |
| 27 | 05028437 | Booster/servo unit | | |
| 27 | 05033989 | Pipeline | | |
| 29 | | Control linkage | | |
| 29 | 05038499 | Linkage | | |
| 30 | | Airstarting control | | |
| 30 | 05028638 | Air distributor | | |
| 31 | | Starting valve | | |
| 31 | 05026390 | Safety valve | | |
| 31 | 05038276 | Safety valve | | |
| 31 | 05060220 | Indicator valve | | |
| 31 | 05060221 | Socket wrench | | |
| 31 | 05062100 | Starting air valve | | |
| 32 | | Starting system | | |
| 32 | 05025987 | Pneumatic line | | |
| 32 | 05028571 | Press.reducer assy | | |
| 32 | 05028574 | Press.reducer assy | | |
| 32 | 05028747 | Non-return valve | | |
| 32 | 05033641 | Safety system/dev. | | |
| 32 | 05034563 | Pilot line | | |
| 32 | 05038438 | Pilot line | | |
| 32 | 05038481 | Start master valve | | |
| 32 | 05038653 | Flanged bush | | |
| 32 | 05060231 | Pilot line | | |
| 32 | 05060679 | Mud flap | | |
| 32 | 05061558 | Pneumatic line | | |
| 32 | 05061590 | Pilot line | | |
| 34 | | Vibration damper | | |
| 34 | 05025988 | Tors.vibrat.damper | | |
| 34 | 05025989 | Fastenings | | |

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|------------|----------|-------------------------------|-------------|----------|
| CG | ETL-No. | (en) | | |
| 35 | | Contol console | | |
| 35 | 05023794 | Direct.contr.valve | | |
| 35 | 05023795 | Non-return valve | | |
| 35 | 05023796 | Direct.contr.valve | | |
| 35 | 05023801 | Pressure switch | | |
| 35 | 05023803 | Comp.air reservoir | | |
| 35 | 05023805 | Distributor | | |
| 35 | 05026579 | Direct.contr.valve | | |
| 35 | 05026658 | Control unit assy | | |
| 35 | 05034566 | Control unit | | |
| 35 | 05034567 | Control unit | | |
| 35 | 05034570 | Auxiliaries/acc. | | |
| 35 | 05034571 | Auxiliaries/acc. | | |
| 35 | 05034572 | Control unit | | |
| 35 | 05034590 | Direct.contr.valve | | |
| 35 | 05061807 | Pushbutton | | |
| 35 | 05061938 | Speed contr.valve | | |
| 37 | | Cooling water pump | | |
| 37 | 05065290 | Cooling water pump | | |
| 38 | | Water pipes | | |
| 38 | 05025992 | Cooling water line | | |
| 38 | 05026498 | Pipeline | | |
| 38 | 05028468 | Double valve | | |
| 38 | 05060270 | Temper. controller | | |
| 38 | 05061347 | Expansion tank | | |
| 38 | 05062448 | Waterpipe parts | | |
| 41 | | Exhaust manifold | | |
| 41 | 05060862 | Exhaust manifold | | |
| 41 | 05060883 | Exhaust pipe | | |
| 41 | 05062519 | Exhaust manifold | | |
| 43 | | Turbocharger | | |
| 43 | 05025995 | Fastenings | | |
| 43 | 05028622 | Cleaning attachm. | | |
| 43 | 05028624 | Cleaning device | | |
| 43 | 05060839 | Cleaning attachm. | | |
| 43 | 05095555 | Turbocharger | | |
| 46 | | Engine mounting, rigid | | |
| 46 | 05060673 | Puller screw | | |

Equipment: **Designation** **Engine type** SBV8M628

CG **ETL-No.** **(en)**

48 Electrical accessories

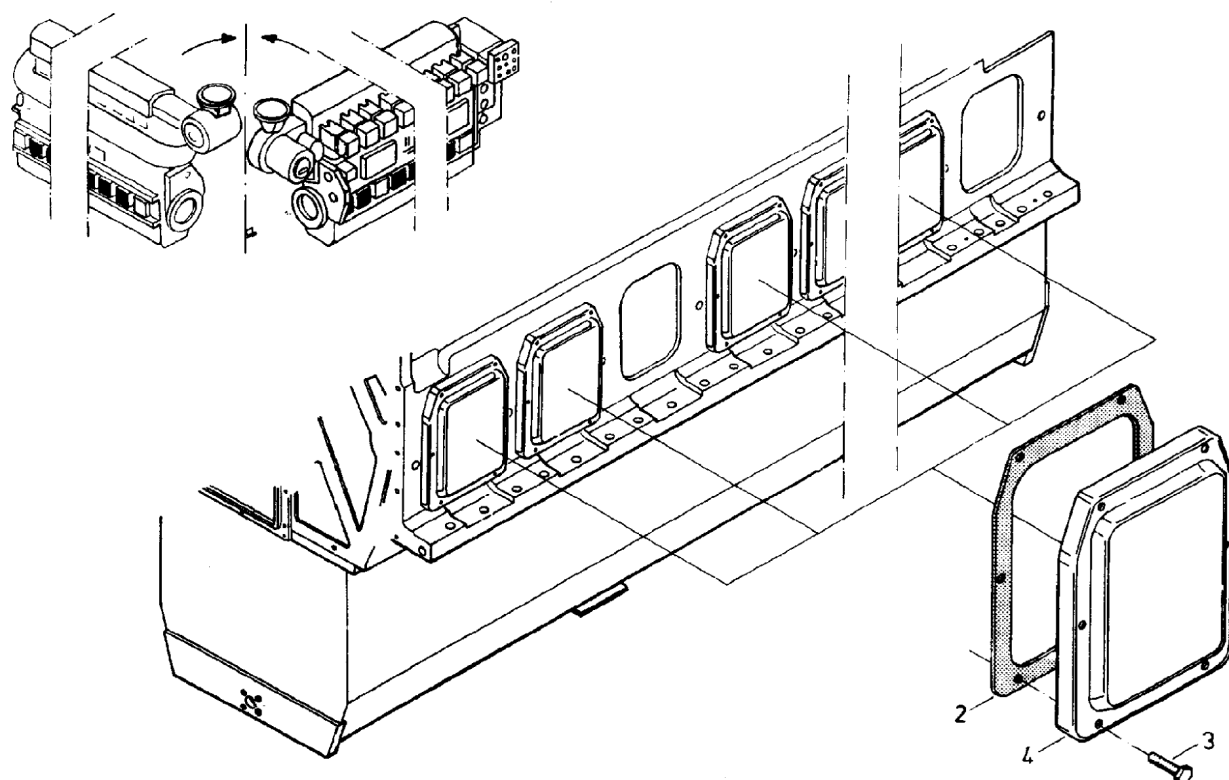
| | | |
|----|----------|--------------------|
| 48 | 05022013 | Pressure switch |
| 48 | 05022014 | Pressure switch |
| 48 | 05022015 | Pressure switch |
| 48 | 05022019 | Pressure switch |
| 48 | 05022021 | Pressure switch |
| 48 | 05023801 | Pressure switch |
| 48 | 05026323 | Pressure switch |
| 48 | 05026331 | Pressure switch |
| 48 | 05026333 | Pressure switch |
| 48 | 05026342 | Pressure switch |
| 48 | 05028368 | Instrument panel |
| 48 | 05028371 | Pipeline |
| 48 | 05028372 | Pipeline |
| 48 | 05028377 | Pipeline |
| 48 | 05028379 | Pipeline |
| 48 | 05028381 | Cable terminal box |
| 48 | 05028689 | Pressure switch |
| 48 | 05028691 | Pressure switch |
| 48 | 05028693 | Pressure switch |
| 48 | 05028694 | Pressure switch |
| 48 | 05028695 | Pressure switch |
| 48 | 05028700 | Pressure switch |
| 48 | 05028718 | Fastenings |
| 48 | 05028722 | Cable terminal box |
| 48 | 05028723 | Cable terminal box |
| 48 | 05028730 | Switch mounting |
| 48 | 05028731 | Switch mounting |
| 48 | 05028732 | Switch mounting |
| 48 | 05028740 | Switch mounting |
| 48 | 05028741 | Switch mounting |
| 48 | 05033560 | Temper.transmitter |
| 48 | 05033561 | Switching device |
| 48 | 05033997 | Fastenings |
| 48 | 05034508 | Float switch |
| 48 | 05034529 | Electr.installat. |
| 48 | 05034530 | Pipe/line/lead |
| 48 | 05034876 | Temper.transmitter |
| 48 | 05034906 | Cabling |
| 48 | 05034908 | Cabling |
| 48 | 05034910 | Cabling |
| 48 | 05034920 | Cabling |
| 48 | 05034922 | Cabling |
| 48 | 05034928 | Cabling |
| 48 | 05034943 | Cabling |
| 48 | 05034952 | Cabling |
| 48 | 05034957 | Cabling |

Equipment: **Designation** **Engine type** SBV8M628

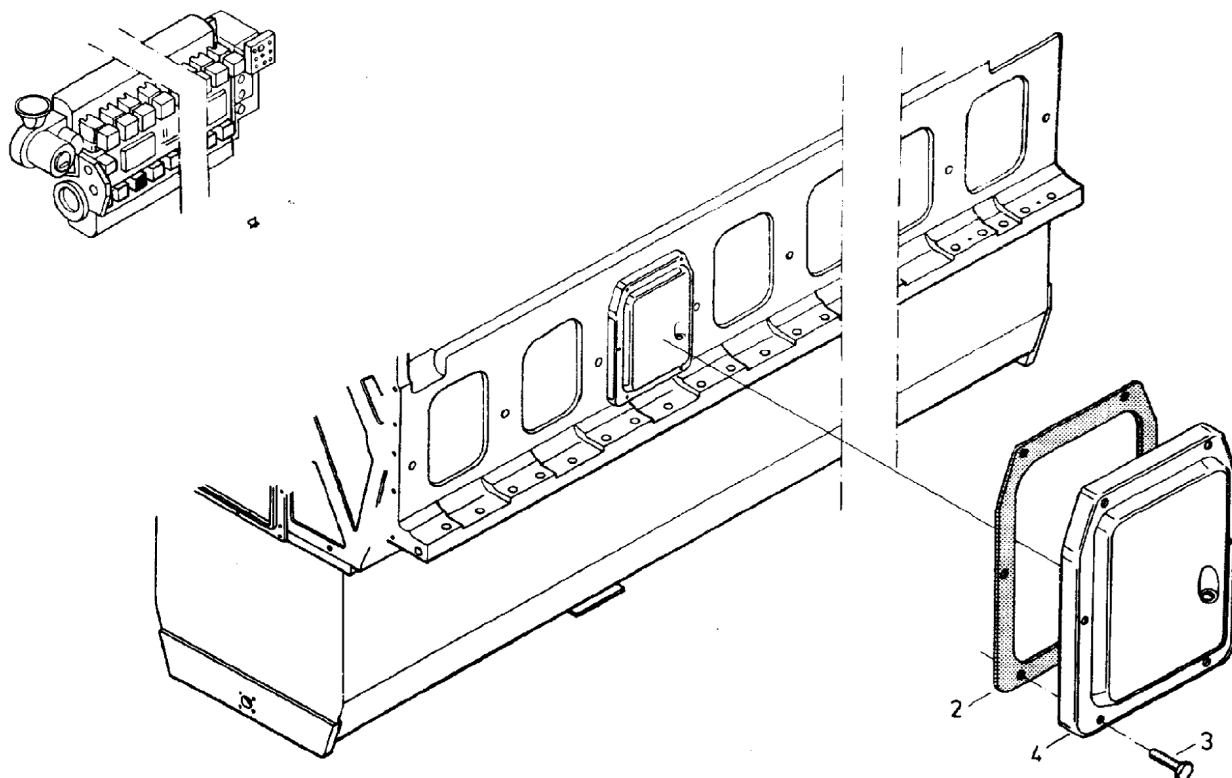
| CG | ETL-No. | Designation (en) |
|-----------|----------------|-----------------------------|
| 48 | 05034963 | Cabling |
| 48 | 05034966 | Cabling |
| 48 | 05038612 | Pressure switch |
| 48 | 05060452 | Pressure switch |
| 48 | 05060454 | Pressure switch |
| 48 | 05060455 | Pressure switch |
| 48 | 05060456 | Pressure switch |
| 48 | 05062358 | Lubricat. oil line |

| Equipment: | | Designation | Engine type |
|-------------------|----------------|--------------------|--------------------|
| CG | ETL-No. | (en) | SBV8M628 |
| 49 | | Tools | |
| 49 | 05014063 | Cleaning device | |
| 49 | 05015504 | Tension/clamp dev. | |
| 49 | 05021610 | Toolkit | |
| 49 | 05025998 | Tension/clamp dev. | |
| 49 | 05025999 | Fuel line | |
| 49 | 05026401 | Removing device | |
| 49 | 05026402 | Removing device | |
| 49 | 05026403 | Removing device | |
| 49 | 05026404 | Ring compressor | |
| 49 | 05026405 | Retainer | |
| 49 | 05026406 | Expanding device | |
| 49 | 05026407 | Engine mounting | |
| 49 | 05026408 | Assembly device | |
| 49 | 05026507 | Assembly device | |
| 49 | 05026508 | Mirror | |
| 49 | 05026509 | Cyl. measuring pin | |
| 49 | 05026510 | Alignment lever | |
| 49 | 05026666 | Assembly device | |
| 49 | 05026667 | Hook spanner | |
| 49 | 05026669 | Setting tool | |
| 49 | 05028451 | Hose assembly | |
| 49 | 05028568 | Pump | |
| 49 | 05028599 | High-pressure pump | |
| 49 | 05028619 | Lifting eye nut | |
| 49 | 05029527 | Extractor | |
| 49 | 05032919 | Piston ring pliers | |
| 49 | 05032923 | Toolkit | |
| 49 | 05032924 | Grinding device | |
| 49 | 05033514 | Toolkit | |
| 49 | 05033515 | Toolkit | |
| 49 | 05033516 | Toolkit | |
| 49 | 05033517 | Toolkit | |
| 49 | 05034519 | Tool | |
| 49 | 05034520 | Tool | |
| 49 | 05034625 | Gauge | |
| 49 | 05038180 | Tension/clamp dev. | |
| 49 | 05038404 | Tool | |
| 49 | 05038655 | Support plate | |
| 49 | 05060209 | High-pressure pump | |
| 49 | 05060343 | Key | |
| 49 | 05060345 | Toolkit | |
| 49 | 05060745 | Removing tool | |
| 49 | 05060746 | Drawing die | |
| 49 | 05060754 | Toolkit | |
| 49 | 05062258 | Toolkit | |
| 49 | 05065421 | Cyl. measuring pin | |

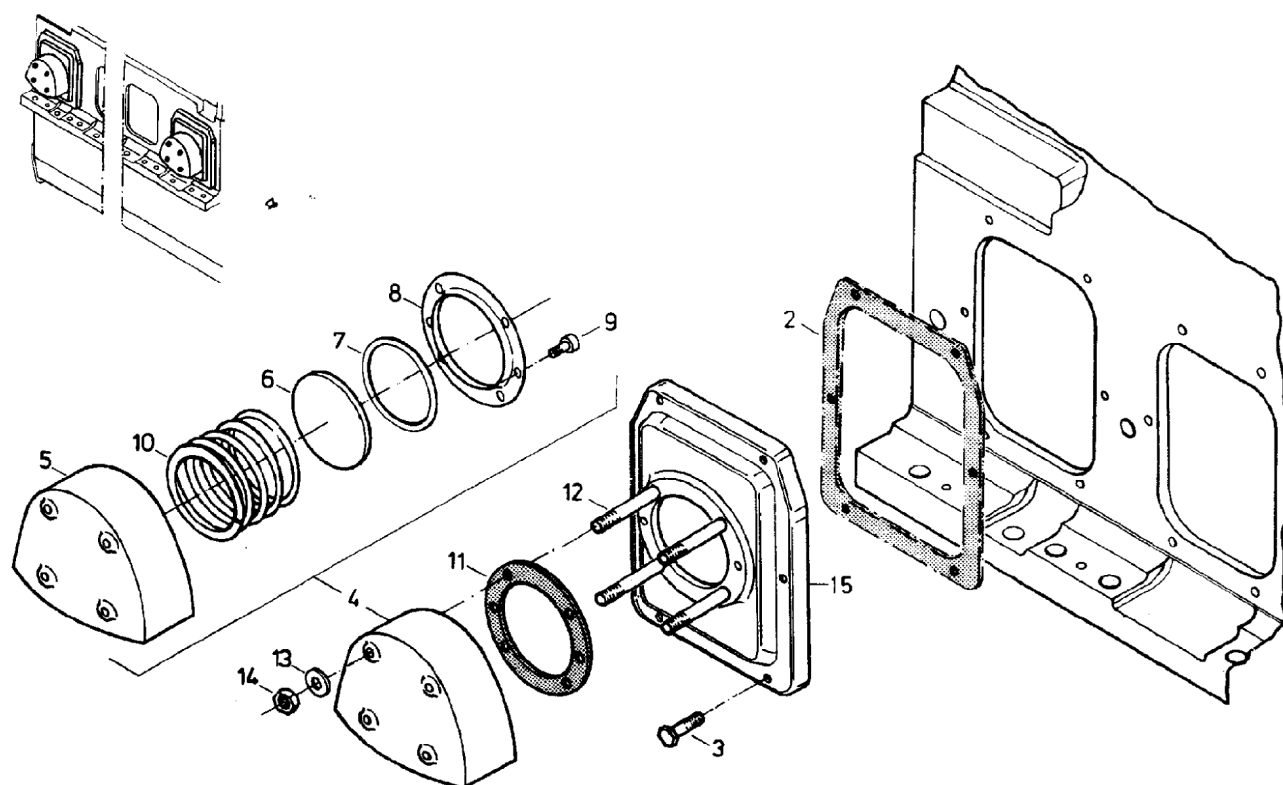
| Equipment: | | Designation | Engine type |
|-------------------|----------------|------------------------------|--------------------|
| CG | ETL-No. | (en) | SBV8M628 |
| 49 | 05065422 | Driver pin | |
| 51 | | Measuring instruments | |
| 51 | 05026000 | Gauge panel | |
| 51 | 05026672 | Press.gauge line | |
| 51 | 05033731 | Elapsed-hour meter | |
| 51 | 05033817 | Press.gauge line | |
| 51 | 05033839 | Speed switch | |
| 51 | 05033843 | Tacho unit | |
| 51 | 05038040 | Thermometer | |
| 51 | 05038144 | Thermometer | |
| 51 | 05060341 | Measuring panel | |
| 51 | 05060435 | Measuring panel | |
| 52 | | Clutch | |
| 52 | 05026378 | Auxiliary drive | |
| 52 | 05062185 | Clutch assembly | |
| 57 | | V-belt guard | |
| 57 | 05038509 | Sheeting/panelling | |
| 58 | | Intercooler | |
| 58 | 05026001 | Fastenings | |
| 58 | 05060605 | Charge air cooler | |
| 59 | | Injection pump tools | |
| 59 | 05026665 | Retainer | |
| 59 | 05026666 | Assembly device | |
| 59 | 05026667 | Hook spanner | |
| 59 | 05026669 | Setting tool | |
| 59 | 05028503 | Assembly device | |
| 59 | 05034625 | Gauge | |
| 69 | | Turning gear | |
| 69 | 05029526 | Turning gear | |
| 87 | | Charge air pipe | |
| 87 | 05015504 | Tension/clamp dev. | |
| 87 | 05061666 | Inlet manifold | |
| 87 | 05061672 | Intake box | |
| 87 | 05061676 | Inlet manifold | |
| 98 | | Optional extras | |
| 98 | 05095555 | Turbocharger | |

ETL no.: 05025921 Cover
Constr. Group: 1
Equipment:
Engine type: SBV8M628


| Item | Partno | Quantity | UnitOrd | Designation (en) | Remark |
|------|----------|----------|---------|------------------|------------|
| 2 | 02086208 | 1 | ST | Gasket | |
| 3 | 01112418 | 4 | ST | Hexagon bolt | |
| 4 | 04070596 | 1 | ST | Cover | ALTE POS.1 |

ETL no.: 05025922 Cover
Constr. Group: 1
Equipment:
Engine type: SBV8M628


| Item | Partno | Quantity | UnitOrd | Designation (en) | Remark |
|------|----------|----------|---------|------------------|------------|
| 2 | 02086208 | 1 | ST | Gasket | |
| 3 | 01112418 | 4 | ST | Hexagon bolt | |
| 4 | 04070597 | 1 | ST | Cover | ALTE POS.1 |

ETL no.: 05025923 Relief valve
Constr. Group: 1
Equipment:
Engine type: SBV8M628


| Item | Partno | Quantity | UnitOrd | Designation (en) | Remark |
|------|----------|----------|---------|--------------------|--------|
| 2 | 02086208 | 1 | ST | Gasket | |
| 3 | 01112418 | 4 | ST | Hexagon bolt | |
| 4 | 03324682 | 1 | ST | Relief valve | KOMPL. |
| 5 | 03324681 | 1 | ST | Housing/case | |
| 6 | 03321400 | 1 | ST | Plain washer | |
| 7 | 01166140 | 1 | ST | O-seal | |
| 8 | 03324683 | 1 | ST | Support/carrier | |
| 9 | 01105522 | 2 | ST | Cheese head screw | |
| 10 | 01210345 | 1 | ST | Helical spring | |
| 11 | 01216387 | 1 | ST | Round flang.gasket | |
| 12 | 01113507 | 4 | ST | Stud | |
| 13 | 01118659 | 4 | ST | Sealing ring | |
| 14 | 01102659 | 4 | ST | Hexagon nut | |
| 15 | 02085182 | 1 | ST | Cover | |