

VOLVO

Spare parts for trucks

Qualität – made by
dph Germany



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Dichtungspartner Hamburg

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Dichtungspartner Hamburg

High quality guarantees growing success



We have always supplied our customers with high quality seals for the following sectors: Automobile, hydraulic seals, mountings and other fields all at reasonable prices and quick delivery. We can count many well-known companies throughout the world as satisfied customers.

Four strategies guarantee our success:

- First rate products with top class quality assured
- Short delivery times due to our own stock levels
- Flexibility in the procurement of all parts
- Attractive pricing policy

Fully automated electronic quality checks and manufacturing to DIN standards guarantee continuous high quality products. To your advantage and always at very fair prices.

Perfect manufacturing and continuous quality assurance

Together we are strong – this is the maxim in our group. High quality is not achieved just as a result of monitoring but of production technique. Therefore, Dichtungspartner Hamburg receives the bulk of its products from OEM suppliers and from suppliers whose quality management is certified in accordance with DIN/ISO 9000/9001.

Despite this, we still think it is necessary to check the finished products thoroughly once more within our group according to DIN/ISO 9001. Our high-grade measuring instruments are checking the radial force of oil seals, the tensile strength of elastomers, the compression set and the surface quality by means of computer-based cameras and many more. The results of the checks are registered and filed. It is good to have confidence but qualification is better!

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OEM numbers, reference list

OEM number	page	description
1 070 379-1	43	Oil seal
1 075 255-8	101	Bushing V-stay
1 075 725	46	Sealing ring/Valve stem seal
1 080 437	56	Repair kit (engine)
1 089 552-2	44	Oil seal
1 089 552-2	91	Oil seal front wheel hub, trailing wheel hub
1 134 962-8	100	Rubber bushing
1 139 840-1	43	Oil seal
1 190 064-4	43	Oil seal
1 190 395	56	Repair kit (engine)
1 317 466-9	44	Thermostat seal
1 503 490-3	72	Rubber cushion front engine mount
1 508 996	56	Repair kit (engine)
1 518 358	56	Repair kit (engine)
1 518 359	56	Repair kit (engine)
1 518 360	57	Repair kit (engine)
1 518 399	43	Oil seal
1 518 741	82	Diaphragm brake cylinder
1 522 372-0	92	Oil seal rear axle hub reduction
1 522 373-8	89	Oil seal
1 522 894-3	89	Oil seal
1 522 895-0	90	Oil seal pinion differential carrier
1 522 896	43	Oil seal
1 523 239	43	Oil seal
1 526 181	47	Sealing ring/Valve stem seal
1 526 181	67	Washers
1 526 439	47	Sealing ring/Valve stem seal
1 526 439	71	Gasket
1 526 474-0	80	Seal ring
1 526 525-9	71	Gasket
1 526 688-5	43	Oil seal
1 526 817-0	79	Seal ring
1 526 828-7	75	Oil seal
1 542 780-0	68	Gasket
1 542 781-8	71	Gasket
1 542 783-4	45	Sealing ring
1 543 027	51	Valve
1 544 410-2	45	Thermostat seal
1 545 135-4	48	Valve guide
1 545 135-4	48	Valve guide
1 545 886-2	49	Valve seat ring
1 546 229-4	21	Cylinder liner sealing ring kit
1 546 229-4	22	Liner rings
1 547 492	51	Valve
1 556 472	51	Valve
1 556 473	51	Valve
1 573 891-7	72	Rubber cushion rear engine mount
1 575 339-5	99	Rubber bushing rear anti-roll bar
1 575 525-9	92	Tab washer front wheel hub, steering knuckle
1 580 009-7	99	Rubber bushing rear anti-roll bar
1 580 010-5	99	Rubber bushing rear anti-roll bar
1 581 543-4	95	Plastic bearing bogie
1 586 089-3	98	Shackle bushing spring
1 586 316	73	Motor rubber cushion
1 587 261-7	99	Rubber bushing rear anti-roll bar

OEM number	page	description
1 587 792-1	44	Oil seal
1 587 792-1	91	Oil seal front wheel hub, trailing wheel hub
1 588 445-5	101	Sleeve anti-roll bar
1 589 807-5	98	Plastic bushing front anti-roll bar
1 590 264	57	Repair kit (engine)
1 590 885-8	95	Bushing balance arm bogie suspension
1 591 903-8 (now 1 610 765-8)	91	Oil seal, trailing wheel hub
1 593 431-8	95	Thrust washer balance arm bogie suspension
1 593 459-9	43	Oil seal
1 594 257-6	43	Oil seal
1 594 266	57	Repair kit (engine)
1 598 588	100	Rubber bushing
1 598 761-3 (now 1 608 019-4)	98	Shackle bushing rear spring
1 598 764-7	97	Shackle pin (bolt) rear spring
1 598 766-2	97	Shackle pin (bolt) rear spring, rear end
1 599 919	57	Repair kit (engine)
1 605 047-8	99	Rubber bushing rear anti-roll bar
1 605 093	73	Motor rubber cushion
1 605 182-3	99	Rubber bushing rear anti-roll bar
1 607 561-6	100	Rubber bushing rear anti-roll bar
1 608 019-4 (1 598 761-3)	98	Shackle bushing rear spring
1 609 768-5	99	Rubber bushing rear anti-roll bar
1 609 960-8	97	Shackle pin rear spring
1 610 078-6	68	Gasket
1 610 110-7	98	Shackle bushing spring
1 610 765-8 (1 591 903-8)	91	Oil seal, trailing wheel
1 610 765-8 FPM (944 666-7)	91	Oil seal inner, rear wheel hub
1 611 420-9	72	Rubber cushion front engine mount
1 611 551-1	98	Plastic bushing front anti-roll bar
1 611 815	57	Repair kit (engine)
1 612 335	57	Repair kit (engine)
1 614 229-1	97	Shackle pins front spring
1 614 230-9	97	Shackle pins front spring
1 614 796	82	Diaphragm brake cylinder
1 614 797-7	81	Diaphragm brake cylinder
1 614 798-5	81	Diaphragm brake cylinder
1 614 799-3	81	Diaphragm brake cylinder
1 620 462	57	Repair kit (engine)
1 623 745-5	72	Rubber cushion front engine mount
1 625 954-1	101	Sleeve anti-roll bar
1 655 435	76	Clutch servo cylinder
1 655 638	68	Gasket
1 655 639-1	75	Clutch servo cylinder
1 655 778	68	Gasket
1 655 780-3	68	Gasket
1 664 473-4	46	Sealing ring/Valve stem seal
1 668 501-8	76	Clutch servo cylinder
1 669 618	43	Oil seal
1 672 249-8 (now 1 522 372-0)	92	Oil seal
1 676 306	55	Thermostat
1 695 593	44	Oil seal
1 696 123	58	Repair kit (engine)
1 696 124	58	Repair kit (engine)
1 696 135-8	32	Installation paste
1 696 389-4	78	Support bearing kit propeller shaft

OEM number	page	description
1 696 446-2	83	Thrust pin Z-cam
1 696 448-8 (now 3 090 954-3)	83	Dust cover Z-cam
1 696 450-4	85	Repair kit
1 696 924-8	88	Pinion Z-cam
1 696 925-5	88	Pinion Z-cam
1 697 318	59	Repair kit (engine)
1 697 318	85	Repair kit
151 835-6	56	Repair kit (engine)
151 837-2	68	Gasket
190 418-4	46	Sealing ring/Valve stem seal
190 418-4	47	Sealing ring/Valve stem seal
191 160-1	91	Oil seal front wheel hub
191 179-1	92	Lock washer rear wheel hub, trail. wheel hub
192 600-5	75	Oil seal
231 938-2	43	Oil seal
240 017-4	66	Washers
240 022	43	Oil seal
241 625	44	Oil seal
244 830-6	58	Repair kit (engine)
247 597-7	43	Oil seal
263 567-0	79	Support bearing kit propeller shaft
267 268-1	74	Oil seal gearbox input shaft
267 269-9 (943 704-7)	74	Oil seal gearbox input shaft
267 316-8	74	Oil seal gearbox input shaft
267 386-1	68	Gasket
270 171-2	93	Gasket kit steering gear
270 488	58	Repair kit (engine)
270 549	58	Repair kit (engine)
270 575-4	54	Injector sleeve kit
270 586-1	77	Repair kit clutch servo
270 688	13	Cylinder head gasket set
270 694-3	79	Repair kit air dryer
270 698-4 (now 3 090 471-8)	85	Repair kit air brake compressor
270 751-1	24	Turbo connection gasket set
270 757-8 (now 276 815-6)	24	Turbo connection gasket set
270 758-6 (now 276 815-6)	24	Turbo connection gasket set
270 761-0	14	Complementary gasket set decarbonizing
270 762-8 (275 717-7)	13	Complementary gasket set decarbonizing
270 764-4	23	Manifold gasket set
270 765-1 (275 780-5)	23	Manifold gasket set
270 766-9 (275 449-7)	22	Manifold gasket set
270 768-5 (275 591-6)	23	Manifold gasket set
270 769-3 (275 590-8)	23	Manifold gasket set
270 770-1 (275 523-9)	14	Complementary gasket set decarbonizing
270 771-9	23	Manifold gasket set
270 772-7	24	Manifold gasket set
270 774-3	15	Conversion gasket set engine overhaul
270 775-0 (275 784-7)	16	Conversion gasket set engine overhaul
270 776-8 (now 276 123-7)	16	Conversion gasket set engine overhaul
270 777-6 (275 716-9)	15	Conversion gasket set engine overhaul
270 778-4 (275 718-5)	15	Conversion gasket set engine overhaul
270 779-2 (275 524-7)	15	Conversion gasket set engine overhaul
270 782-6 (275 534-6)	16	Conversion gasket set engine overhaul
270 789-1	12	Cylinder head gasket set
270 823-8	74	Gearbox gasket set
270 824-6	74	Gearbox gasket set
270 890	86	Repair kit
270 909	58	Repair kit (engine)
270 910	86	Repair kit
270 925-1	78	Repair kit split cylinder
270 926-9	78	Repair kit range cylinder
270 935-0	19	Cylinder liner sealing ring kit
270 946-7	54	Injector sleeve kit
270 949-1	13	Cylinder head gasket set

OEM number	page	description
270 950-9	19	Cylinder liner sealing ring kit
270 957-4 (275 528-8)	15	Conversion gasket set engine overhaul
270 958-2	23	Manifold gasket set
270 969	86	Repair kit
270 997-0 (275 529-6)	24	Turbo connection gasket set
271 089-5	24	Turbo connection gasket set
271 106-7	76	Repair kit clutch master cylinder
271 130-7 (now 276 125-2)	17	Conversion gasket set engine overhaul
271 155-4	19	Cylinder liner sealing ring kit
271 156-2 (275 730-0)	19	Cylinder liner sealing ring kit
271 157-0	18	Cylinder liner sealing ring kit
271 158-8 (275 734-2)	18	Cylinder liner sealing ring kit
271 159-6 (275 778-9)	18	Cylinder liner sealing ring kit
271 160-4 (275 461-2)	18	Cylinder liner sealing ring kit
271 161-2 (275 772-2)	18	Cylinder liner sealing ring kit
271 162-0 (275 567-6)	18	Cylinder liner sealing ring kit
271 181-0	19	Cylinder liner sealing ring kit
271 194-3	76	Repair kit clutch servo
271 195-0 (now 276 335-7)	77	Repair kit gearbox inhibitor valve
271 197-6 (now 3 094 518-2)	78	Repair kit for cover to split and range cylinder
271 198-4 (now 3 094 518-2)	78	Repair kit for cover to split and range cylinder
271 252	58	Repair kit (engine)
271 524-1	93	Gasket kit steering gear
271 525-8	93	Gasket kit steering gear
271 526-6	59	Repair kit (engine)
271 560-5	94	Gasket kit steering gear
271 561	93	Gasket kit steering gear
271 567-0	93	Gasket kit steering gear
272 571	86	Repair kit
272 574	59	Repair kit (engine)
272 575	59	Repair kit (engine)
272 576	59	Repair kit (engine)
272 577	86	Repair kit
272 623	59	Repair kit (engine)
272 624	59	Repair kit (engine)
272 625	59	Repair kit (engine)
272 626	60	Repair kit (engine)
272 631	60	Repair kit (engine)
272 632	60	Repair kit (engine)
272 660	60	Repair kit (engine)
272 665 (now 3 090 471-8)	85	Repair kit air brake compressor
272 709	60	Repair kit (engine)
272 712	86	Repair kit
272 721-2	81	Repair kit air dryer drain valve
272 726	60	Repair kit (engine)
272 730	60	Repair kit (engine)
272 731	86	Repair kit
272 760-0	79	Repair kit air dryer
272 790	87	Repair kit
272 794	87	Repair kit
272 801	61	Repair kit (engine)
272 808	61	Repair kit (engine)
272 813-7	85	Repair kit air brake compressor
272 860	87	Repair kit
272 864	61	Repair kit (engine)
272 866	61	Repair kit (engine)
272 875	87	Repair kit
272 878	61	Repair kit (engine)
272 884	61	Repair kit (engine)
272 896	61	Repair kit (engine)
272 905-1	84	Sealing kit Z-cam
272 910-1	84	Cross shaft Z-cam
273 081-0	77	Repair kit gearbox control cylinder
273 082-8	77	Repair kit gearbox inhibitor valve

OEM number	page	description
273 375	62	Repair kit (engine)
273 394-7	92	Oil seal kit rear axle hub reduction
273 404-4	96	Gasket kit bogie lift cylinder
273 632-0	76	Repair kit clutch servo
273 660-1	76	Repair kit clutch master cylinder
273 665-0	78	Repair kits split cylinder
273 706	62	Repair kit (engine)
273 712-0	96	Gasket kit bogie lift cylinder
273 821-9 (now 276 130-2)	17	Injector sleeve kit
273 822-7	54	Injector sleeve kit
273 983-7	54	Injector sleeve kit
274 104	62	Repair kit (engine)
274 105	62	Repair kit (engine)
274 106	62	Repair kit (engine)
275 449-7 (now 270 766-9)	22	Manifold gasket set
275 460-4	18	Cylinder liner sealing ring kit
275 461-2 (now 271 160-4)	18	Cylinder liner sealing ring kit
275 523-9 (now 270 770-1)	14	Complementary gasket set decarbonizing
275 524-7 (now 270 779-2)	15	Conversion gasket set engine overhaul
275 525-4	12	Cylinder head gasket set
275 528-8 (now 270 957-4)	15	Conversion gasket set engine overhaul
275 529-6 (now 270 997-0)	24	Turbo connection gasket set
275 530-4 (now 276 034-6)	14	Complementary gasket set decarbonizing
275 531-2 (now 276 122-9)	16	Conversion gasket set engine overhaul
275 533-8	14	Complementary gasket set decarbonizing
275 534-6 (now 270 782-6)	16	Conversion gasket set engine overhaul
275 548-6	13	Cylinder head gasket set
275 551-0	12	Cylinder head gasket set
275 554-4	15	Complementary gasket set decarbonizing
275 555-1 (now 276 124-5)	16	Conversion gasket set engine overhaul
275 566-8 (now 275 740-9)	12	Cylinder head gasket set
275 567-6 (now 271 162-0)	18	Cylinder liner sealing ring kit
275 570 (now 276 155-9)	55	Oil pump repair kit
275 590-8 (now 270 769-3)	23	Manifold gasket set
275 591-6 (now 270 768-5)	23	Manifold gasket set
275 715-1	62	Repair kit (engine)
275 716-9 (now 270 777-6)	15	Conversion gasket set engine overhaul
275 717-7 (now 270 762-8)	13	Complementary gasket set decarbonizing
275 718-5 (now 270 778-4)	15	Conversion gasket set engine overhaul
275 730-0 (now 271 156-2)	19	Cylinder liner sealing ring kit
275 731	55	Oil pump repair kit
275 734-2 (now 271 158-8)	18	Cylinder liner sealing ring kit
275 737-5 (now 271 160-4)	18	Cylinder liner sealing ring kit
275 740-9 (275 566-8)	12	Cylinder head gasket set
275 741-7	15	Complementary gasket set decarbonizing
275 751-6	17	Cylinder liner sealing ring kit
275 754-0 (now 276 035-3)	14	Complementary gasket set decarbonizing
275 772-2 (now 271 161-2)	18	Cylinder liner sealing ring kit
275 774-8 (now 276 821-6)	12	Cylinder head gasket set
275 776-3	14	Complementary gasket set decarbonizing
275 778-9 (now 271 159-6)	18	Cylinder liner sealing ring kit
275 779-7 (now 276 816-6)	12	Cylinder head gasket set
275 780-5 (now 270 765-1)	23	Manifold gasket set
275 781-3	14	Complementary gasket set decarbonizing
275 784-7 (now 270 775-0)	16	Conversion gasket set engine overhaul
275 785-4	16	Conversion gasket set engine overhaul
276 034-6 (275 530-4)	14	Complementary gasket set decarbonizing
276 035-3 (275 754-0)	14	Complementary gasket set decarbonizing
276 052-8	23	Manifold gasket set
276 052-8	24	Manifold gasket set
276 096-5	84	Repair kit adjusting pin Z-cam
276 097-3	83	Repair kit reverse lock Z-cam
276 098-1	83	Repair kit reverse lock Z-cam
276 108-8	77	Repair kit gearbox inhibitor valve

OEM number	page	description
276 110-4	96	Gasket kit bogie lift cylinder
276 122-9 (275 531-2)	16	Conversion gasket set engine overhaul
276 123-7 (270 776-8)	16	Conversion gasket set engine overhaul
276 124-5 (275 555-1)	17	Conversion gasket set engine overhaul
276 125-2 (271 130-7)	17	Conversion gasket set engine overhaul
276 130-2 (273 821-9)	54	Injector sleeve kit
276 140-1	93	Gasket kit steering gear
276 146-8	77	Repair kit gearbox control cylinder
276 155-9 (275 570)	55	Oil pump repair kit
276 156	56	Oil pump repair kit
276 335-7 (271 195-0)	77	Repair kit gearbox inhibitor valve
276 543	62	Repair kit (engine)
276 546-9	76	Repair kit clutch master cylinder
276 813-3 (now 3 094 518-2)	78	Repair kit for cover to split and range cylinder
276 815-6 (270 757-8)	24	Turbo connection gasket set
276 815-6 (270 758-6)	24	Turbo connection gasket set
276 816-6	12	Cylinder head gasket set
276 821-6	12	Cylinder head gasket set
3 028 447-5	100	Rubber bushing
3 028 448-3	100	Rubber bushing
3 028 449-1	100	Rubber bushing
3 090 266-2	87	King pin kit
3 090 267-0	87	King pin kit
3 090 288	63	Repair kit (engine)
3 090 331-4	91	Sealing kit outer, rear wheel hub
3 090 377	63	Repair kit (engine)
3 090 379	63	Repair kit (engine)
3 090 388	63	Repair kit (engine)
3 090 471-8 (270 698-4)	85	Repair kit air brake compressor
3 090 954-3 (1696448-8)	83	Dust cover Z-cam
3 090 964-2	84	Repair kit adjusting pin Z-cam
3 093 503	13	Cylinder head gasket set
3 094 155	63	Repair kit (engine)
3 094 156	63	Repair kit (engine)
3 094 518-2 (271 197-6)	78	Repair kit for cover to split and range cylinder
3 094 518-2 (271 198-4)	78	Repair kit for cover to split and range cylinder
3 094 518-2 (276 813-3)	78	Repair kit for cover to split and range cylinder
3 097 092-5	83	Return spring Z-cam
3 097 099-0	84	Repair kit brake adjusting Z-cam
3 097 100-6 (now 8 550 977-6)	84	Repair kit brake adjusting Z-cam
3 097 147	63	Repair kit (engine)
3 099 100	13	Cylinder head gasket set
3 123 521-1	43	Oil seal
3 514 943	44	Oil seal
325 197	81	Diaphragm brake cylinder
328 752	64	Repair kit (engine)
338 425	89	Oil seal
341 050-3	90	Oil seal steering gear
341 488-5	69	Gasket
346 499-7	82	Tension spring brake shoe S-cam
346 822-0	44	Oil seal
353 314	81	Diaphragm brake cylinder
363 908-5	95	Bolt bogie roller
382 010-7	69	Gasket
382 055	69	Gasket
382 361-4	79	Gasket for oil filter
414 621-3	52	Strainer oil pump
415 424-1	47	Sealing ring/Valve stem seal
416 033-9	44	Thermostat seal
418 360-4	66	Washers
418 411-5	66	Washers
418 412-3	66	Washers
420 066-3	32	Valve cover gasket
420 160	69	Gasket

OEM number	page	description
420 538-1	37	Gasket exhaust manifold
420 618-1	69	Gasket
420 641-3	69	Gasket
420 642-1	69	Gasket
420 708-0	37	Gasket exhaust manifold
420 941-7	35	Oil pan gasket
421 011-8	50	Valve seat ring
421 012-6	49	Valve seat ring
421 025-8	35	Oil pan gasket
421 066-2	33	Valve cover gasket
421 067-0	48	Valve lifter
421 121-5	34	Gasket inspection cover cylinder block
421 131-4	39	Felt ring crankshaft front sealing
421 147-0	40	Felt ring crankshaft rear sealing
421 158-7	66	Washers
421 226	19	Cylinder liner sealing ring kit
421 226	21	Liner rings
421 297-3	48	Valve guide
421 297-3	48	Valve guide
421 534-9	37	Gasket exhaust manifold
422 011-7	49	Valve seat ring
422 012-5	49	Valve seat ring
422 025-7 (now 424 604-7)	35	Oil pan gasket
422 145-3	40	Felt ring crankshaft rear sealing
422 146-1	40	Felt ring crankshaft front sealing
422 219-6	19	Cylinder liner sealing ring kit
422 219-6	21	Liner rings
422 320-2	48	Valve guide
422 619-7	64	Cylinder liner adjusting shim
422 620-5	64	Cylinder liner adjusting shim
422 621-3	64	Cylinder liner adjusting shim
422 713-0	20	Cylinder liner sealing ring kit
422 713-0	21	Liner rings
422 779-9	70	Gasket
423 011-6	49	Valve seat ring
423 139-5 (now 479 260-2)	32	Water seal cylinder
423 145-2	33	Valve cover gasket
423 146-0	33	Valve cover gasket
423 174-2	38	Gasket intake manifold
423 281-5	66	Washers
424 276-4	35	Oil pan gasket
424 580-9	55	Oil seal injection pump driving unit
424 594	19	Cylinder liner sealing ring kit
424 594	21	Liner rings
424 595-7	20	Cylinder liner sealing ring kit
424 595-7	21	Liner rings
424 600-5	34	Oil pan gasket
424 601-3	34	Oil pan gasket
424 602-1	34	Oil pan gasket
424 602-1	35	Oil pan gasket
424 603-9	34	Oil pan gasket
424 604-7 (422 025-7)	35	Oil pan gasket
424 605-4	35	Oil pan gasket
424 607-0	35	Oil pan gasket
424 610-4	38	Gasket intake manifold
424 611-2	38	Gasket intake manifold
424 612-0	38	Gasket intake manifold
424 618-7	70	Gasket
424 621-1	17	Gasket flywheel housing
424 634-4	37	Gasket exhaust manifold
424 692-2 (468 352-0)	33	Valve cover gasket
424 692-2 (468 963-4)	33	Valve cover gasket
424 693-0	33	Valve cover gasket
424 694-8	33	Valve cover gasket

OEM number	page	description
424 763-1	42	Oil seal crankshaft front sealing
424 830-8	20	Cylinder liner sealing ring kit
424 830-8	21	Liner rings
424 831-6	20	Cylinder liner sealing ring kit
424 831-6	22	Liner rings
424 832-4	20	Cylinder liner sealing ring kit
424 832-4	22	Liner rings
424 833-2	20	Cylinder liner sealing ring kit
424 833-2	22	Liner rings
424 918-1	34	Oil pan gasket
424 919-1	35	Oil pan gasket
424 983-5 (469 507-8)	42	Oil seal crankshaft front sealing
424 983-5 FPM A/BS RD W	42	Oil seal crankshaft front sealing
424 983-5 MVQ AS W RD	42	Oil seal crankshaft front sealing
465 394-5	64	Cylinder liner adjusting shim
465 395-2	64	Cylinder liner adjusting shim
465 396-0	64	Cylinder liner adjusting shim
465 547-8	52	Injector sleeve
465 551-7	70	Gasket
465 906-6	20	Cylinder liner sealing ring kit
465 906-6	22	Liner rings
465 952-0	32	Valve cover gasket
466 114-6	64	Cylinder liner adjusting shim
466 183-1	64	Cylinder liner adjusting shim
466 184-9	64	Cylinder liner adjusting shim
466 284-7	52	Injector sleeve
466 386-0	48	Valve guide
466 403-3	53	Injector sleeve
466 404-1	53	Injector sleeve
466 405-8	55	Injector seal
466 420-7	64	Steel ring injector sleeve
466 739-0	46	Sealing ring/Valve stem seal
466 740-8	46	Sealing ring/Valve stem seal
466 878-6	64	Cylinder liner adjusting shim
466 922-2	65	O-ring injector sleeve
467 177-2	39	Gasket timing gear casing cover
467 365-3	52	Plug cylinder head
467 367-9	52	Plug cylinder head, cylinder block
467 417-2	53	Injector sleeve
467 475-0	49	Valve seat ring
467 502	50	Valve
467 502-1	50	Valve
467 855	50	Valve
467 855-3	51	Valve
468 116-9	39	Gasket timing gear casing cover
468 210-0	54	Injector seal
468 263-9	53	Injector sleeve
468 271-2	64	Cylinder liner adjusting shim
468 272-0	64	Cylinder liner adjusting shim
468 273-8	64	Cylinder liner adjusting shim
468 302	50	Valve
468 302-5	51	Valve
468 303	50	Valve
468 303-3	51	Valve
468 352-0 (now 424 692-2)	33	Valve cover gasket
468 448-6	49	Valve seat ring
468 557-4	17	Gasket flywheel housing
468 582-1	71	Gasket
468 784-4	53	Injector sleeve
468 963-4 (now 424 692-2)	33	Valve cover gasket
469 205-9	54	Injector seal
469 240-6	50	Valve
469 259-6	39	Gasket timing gear casing cover
469 327-1	32	Gasket for plugs to cylinder block

OEM number	page	description
469 327-1	52	Plug gasket
469 328-9	32	Gasket for plugs to cylinder block
469 328-9	52	Plug gasket
469 336-2	42	Oil seal crankshaft rear sealing
469 336-2	44	Oil seal
469 445	20	Cylinder liner sealing ring kit
469 445	22	Liner rings
469 455-0	55	Injector seal
469 456-8	47	Sealing ring/Valve stem seal
469 477-4	66	Washers
469 479-0	66	Washers
469 481-6	66	Washers
469 482-4	67	Washers
469 483-2	17	Rubber seal oil filter housing
469 484-0	36	Rubber gasket oil filter housing
469 486-5	36	Rubber gasket oil filter housing
469 487-3	36	Rubber gasket oil filter housing
469 507-8 (now 424 983-5)	42	Oil seal crankshaft front sealing
469 508-6	47	Sealing ring/Valve stem seal
469 509-4	47	Sealing ring/Valve stem seal
469 606-8	67	Washers
469 661-3	38	Gasket intake manifold
469 662-1	38	Gasket intake manifold
469 668-8	47	Sealing ring/Valve stem seal
469 823-9	34	Gasket inspection cover cylinder block
469 829-6	38	Gasket intake manifold
469 846-0	67	Washers
469 908-8	45	Sealing ring
469 952-6	67	Washers
470 247-8	53	Injector sleeve
470 383-1	67	Washers
470 534-9	37	Gasket exhaust manifold
470 939-0	70	Gasket
470 993-7	70	Gasket
471 055-4 (now 477 118-4)	42	Oil seal crankshaft front sealing
471 056-2 (now 477 119-2)	42	Oil seal crankshaft rear sealing
471 419-2	19	Cylinder liner sealing ring kit
471 419-2	21	Liner rings
471 424-2	21	Cylinder liner sealing ring kit
471 424-2	22	Liner rings
471 465-5	36	Rubber gasket oil cooler
471 467-1	39	Rubber seal oil cooler
471 520-7	33	Valve cover gasket
471 626-2	67	Washers
471 637-9	39	Rubber seal oil cooler pipe
471 650-2	37	Gasket exhaust manifold
471 788-0	45	Thermostat seal
471 856-5	67	Washers
471 956-3	32	Rubber seal
471449-9	45	Sealing ring
477 059-0	47	Sealing ring/Valve stem seal
477 118-4 (471 055-4)	42	Oil seal crankshaft front sealing
477 118-4 FPM A/BS RD	42	Oil seal crankshaft front sealing
477 118-4 MVQ ARD	42	Oil seal crankshaft front sealing
477 119-2 (471 056-2)	42	Oil seal crankshaft rear sealing
477 119-2 FPM A/BS LD	42	Oil seal crankshaft rear sealing
477 119-2 MVQ ALD	42	Oil seal crankshaft rear sealing
478 074-8	70	Gasket
478 505-1	35	Oil pan gasket
479 031-7	48	Valve lifter
479 107-5	37	Gasket exhaust manifold
479 163-8	53	Injector sleeve
479 204	50	Valve
479 204	50	Valve

OEM number	page	description
479 260-2 (423 139-5)	32	Water seal cylinder
479 264-4	35	Oil pan gasket
479 484-8	35	Oil pan gasket
479 486-3	36	Oil pan gasket
6 645 225-1	85	Repair kit air brake compressor
6 771 541-7	44	Oil seal
6 850 149-3	72	Rubber cushion exhaust system
6 876 126-1	75	Oil seal
6 876 127-9	75	Oil seal
6 876 142-8	44	Oil seal
8 148 574	51	Valve
8 149 182-1	55	Thermostat
8 550 977-6	84	Repair kit brake adjusting Z-cam
821 755-6	44	Oil seal
846 937	46	Sealing ring/Valve stem seal
925 053-1	47	Sealing ring/Valve stem seal
925 059-8	47	Sealing ring/Valve stem seal
925 063-0	47	Sealing ring/Valve stem seal
925 068-9	79	Seal ring
925 069-7	46	Sealing ring/Valve stem seal
925 091-1	47	Sealing ring/Valve stem seal
925 092-9	46	Sealing ring/Valve stem seal
925 094-5	47	Sealing ring/Valve stem seal
925 095-2	46	Sealing ring/Valve stem seal
925 257-8	47	Sealing ring/Valve stem seal
925 258-6	47	Sealing ring/Valve stem seal
925 259-4	46	Sealing ring/Valve stem seal
925 261-0	94	O-ring for hub cap
925 266	46	Sealing ring/Valve stem seal
940 096-1	36	Rubber seal oil filter cap
941 666-0	40	Felt ring crankshaft front sealing
941 705-6	82	O-Ring anchor pin
941 916-9	98	Spring washer
942 083-7	40	Felt ring crankshaft front sealing
942 089-4	46	Sealing ring/Valve stem seal
942 580-2	66	Washers
943 177-6	41	O-Ring oil cooler
943 250-1	89	Oil seal
943 704-7 (now 267 269-9)	74	Oil seal gearbox input shaft
943 741-9	75	Oil seal
944 665-9	89	Oil seal
944 666-7 (now 1 610 765-8 FPM)	91	Oil seal inner, rear wheel hub
944 667-5	91	Oil seal front wheel hub
944 670-9	92	Wear ring rear axle hub, trailing wheel hub
944 671-7	89	Oil seal
944 988-5	40	O-Ring oil cooler
945 538-7	96	Oil seal balance arm bogie suspension
946 026-2	90	Oil seal
946 093-2	44	Oil seal
946 733	46	Sealing ring/Valve stem seal
947 270-5	90	Oil seal
947 620-1	66	Washers
947 622	66	Washers
947 705	75	Oil seal
948 254	46	Sealing ring/Valve stem seal
948 448-6	90	Oil seal companion flange differential carrier
948 610-1	47	Sealing ring/Valve stem seal
948 642-8	90	Oil seal
948 767-9	93	O-ring rear axle hub
948 826-3	44	Oil seal
948 983-2	47	Sealing ring/Valve stem seal
949 573	44	Oil seal
949 656-3	41	O-Ring oil cooler
949 657-1	47	Sealing ring/Valve stem seal

Engine gaskets and gasket sets

Cylinder head gasket set

dph-no.	OEM-no.	application
36653	275 740-9	D50A, D50B, TD50A, TD50B, D60A, TD60A, TD60B, TD60C Head gasket marked DPH
81615	276 821-6	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS, TD63E, TD63ES, D6A
36279	275 525-4	D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA
81844	276 816-6	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES, D7A, D7B Head gasket marked DPH
36030	275 551-0	D100A#, TD100A#, D100B, TD100C, HD100A*, TD100C, HD100D**, THD100D**, THD100DA, THD100DB, THD100DC, THD100DD, THD100A* # from engine 18536- * from engine 2499- Head gasket marked DPH
36501	270 789-1	TD100BG, TD100G, TD100GA, THD100EC, THD100ED, THD100EE, THD100EK, TD101, THD101, TD102, THD102, TD103, TD103, THD103, THD104KB, THD104KF, THD100EA, THD100EB, D10A, DH10A Head gasket marked DPH

Cylinder head gasket set

dph-no.	OEM-no.	application
51347	275 548-6	TD120, TD121F, TD121FA, TD121FB, TD121FC, TD121FD, TD121FE, TD121FK, TD121G*, TD121GD*, TD121FF * up to engine -131995 Head gasket marked DPH
36281	270 949-1	TD121G*, TD121GD*, TD122, TD123E, TD123ES * from engine 131996- Head gasket marked DPH
95739	270 688	
98542	3 093 503	Cylinder head gasket FH 12 Old version
110207	3 099 100	Cylinder head gasket FH 12 New version

Complementary gasket set decarbonizing

dph-no.	OEM-no.	application
36520	270 762-8	TD60B, TD60C






Complementary gasket set decarbonizing

dph-no.	OEM-no.	application
36277	275 776-3	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS, TD63E, TD63ES
36522	270 761-0	D70A, D70B, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FS, TD70G, TD70H, TD70HA, TD70A, TD70FC
36278	275 781-3	TD71F, TD71FA, TD71FAQ, TD71FC TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G
36523	276 034-6	D100A, D100B, TD100A, TD100B, TD100BG, TD100C* * up to engine -145715
36511	276 035-3	TD100C*, TD100G, TD100GA, TD101, TD102, TD103, D10A *from engine 145716-
36518	270 770-1	D50A, D50B, TD50B, D60A, TD60A
36525	275 533-8	HD100A, HD100D, THD100A, THD100D*, THD100DA*, THD100B*, THD100DC*, THD100DD* * up to engine -23198

Complementary gasket set decarbonizing

dph-no.	OEM-no.	application
36542	275 741-7	 <p>THD100D*, THD100DA*, THD100DB*, THD100DC*, THD100DD*, THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK, THD101, THD102, THD103, THD104KB, THD104KF, DH10A</p> <p>* from engine 23199-</p>
36099	275 554-4	 <p>TD120, TD121, TD122, TD123</p>



Conversion gasket set engine overhaul

dph-no.	OEM-no.	application
36543	270 779-2	 <p>D50A, D50B, TD50A, TD50B, D60A, TD60A</p>
36545	270 778-4	 <p>TD60B, TD60C</p>
36547	270 774-3	 <p>TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS</p> <p>Not for engines with plastic laminate oil pan</p>
36505	270 957-4	 <p>D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70H*, TD70HA*,</p> <p>* for buses B57, BB57</p>
36549	270 777-6	 <p>TD70F, TD70FC, TD70FS, TD70G; TD70H*, TD70HA*</p> <p>* excl. buses B57, BB57</p>


Conversion gasket set engine overhaul

dph-no.	OEM-no.	application
36291	270 775-0	<p>TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FS, TD71G</p> <p>Not for engines with plastic laminate oil pan</p>
93372 37487	276 122-9 CS-200	D100A, D100B, TD100A, TD100B, TD100BG, TD100C
93372 37488	276 122-9 CS-201	<p>TD100G, TD100GA, TD101F*, TD101FA*, TD100G*, TD101GA, TD101GB</p> <p>* NOT for FL10</p>
36552	276 123-7	<p>TD101F*, TD101FA*, TD101FC*, TD101FD*, TD101G*, TD102F, TD102FD, TD102FDQ, TD102FF, TD102FH, TD102FQ, TD102FS</p> <p>Not for engines with plastic laminate oil pan * for FL10</p>
36504	270 782-6	HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD, THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK
36555	275 785-4	<p>THD101GB, THD101GC, THD101GD, THD101GK, THD101KB, THD101KC, THD101KD, THD101KE, THD101KF, THD101KA, THD102KA, THD102KB, THD102KD, THD102KF* THD103KB, THD103KD, THD103KF, THD104KB, THD104KF * excl.B10R</p>
81436 37489	276 124-5 CS-202	TD 120 up to engine -55607

Conversion gasket set engine overhaul

dph-no.	OEM-no.	application
81436 37584	276 124-5 CS-203	 <p>TD120 from engine 55608- TD121F, TD121FA, TD121FB, TD121FC, TD121FD, TD121FE, TD121FF, TD121FK, TD121G*, TD121GD* *up to engine -131995</p>
84456	276 125-2 CS-130	 <p>TD121G*, TD121GD*, TD122 *from engine no. 131996- Not for engines with plastic laminate oil pan</p>


Rubber seal oil filter housing

dph-no.	OEM-no.	application
61480	469 483-2	 <p>TD40A, TD41G, D50, TD50, D60, TD60, TD61, TD63, D100, TD100, TD101, TD102, TD103, TD120, TD121, TD122, TD123 For oil cooler pipe to: HD100, THD100, THD101, THD10, THD103, THD104, DH10A Size: 22x28x3 FPM 70</p>

Gasket flywheel housing

dph-no.	OEM-no.	application
37589	424 621-1	 <p>D100, TD100, HD100, THD100, TD101, THD101, TD120, TD121</p>
36038	468 557-4	 <p>D100, HD100, TD100, THD100, TD101, THD101, TD120, TD121</p>








Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
51555	275 751-6	 <p>TD40A, TD41G Contents: 2 pcs 96,00 x 3,00 FPM 75 purple 1 pc 99,50 x 3,00 FPM 70 black 1 pc 102,00 x 1,60 FPM 75 black 1 pc installation paste</p>

Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
36097	275 460-4	D50A, D50B, TD50A, TD50B Contents: 2 pcs 106,50 x 5,70 EPDM 70 1 pc 103,50 x 1,60 FPM 75 green 1 pc installation paste
36096	271 162-0	D60A,TD60A,TD60B,TD60C Contents: 1 pc 108,50 x 5,80 FPM 75 black 1 pc 108,50 x 5,80 FPM 75 purple 1 pc 105,50 x 1,60 FPM 75 black 1 pc installation paste
36095	271 161-2	TD61F, FB, FBQ, FHQ, G, GA, GB, GC, GE, GS TD63E, TD63ES Contents: 2 pcs 108,50 x 5,80 FPM 75 black 1 pc 108,50 x 5,80 FPM 75 purple 1 pc 105,50 x 1,60 FPM 75 black 1 pc installation paste
36094	271 160-4	D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA Contents: 1 pc 115,80 x 5,80 FPM 75 black 1 pc 115,80 x 5,80 FPM 75 purple 1 pc 114,00 x 1,60 FPM 75 black 1 pc installation paste
36093	271 159-6	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES Contents: 2 pcs 115,80 x 5,80 FPM 75 black 1 pc 115,80 x 5,80 FPM 75 purple 1 pc 114,00 x 1,60 FPM 75 black 1 pc installation paste
36033	271 158-8	D100A, D100B, TD100A, B, BG, C, G, GA, HD100A, HD100D, THD100A, D, DA, DB, DC, DD, EA, EB, EC, ED, EE, EK, TD101F, FA, FC, FD, G, GA, GB up to engine -199157 THD101GB, GC, GD, GK, KB, KC, KD, KE, KF up to engine -40891 Contents: 1 pc 132,50 x 1,60 FPM 75 black 1 pc 132,70 x 5,70 FPM 75 purple 1 pc 132,70 x 5,70 FPM 75 black 1 pc installation paste
36377	271 157-0	TD101F, FA, FC, FD, G, GA, GB from engine 199158- THD101GB, GC, GD, GK, KB, KC, KD KE, KF from engine -40891 ID102F, FD, FDQ, FF, FH, FL, FM, FQ, FS, KF, THD102 all, TD103E, EA, ES, THD103KB, KD, KF, THD104KB, KF Contents: 1 pc 132,50 x 2,40 FPM 75 black 1 pc 133,80 x 5,70 FPM 75 purple 1 pc 133,80 x 5,70 FPM 75 black 1 pc Installation paste

Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
35810	271 181-0	 <p>TD120A Contents: 1 pc 143,50 x 1,60 FPM 75 black 1 pc 142,80 x 5,80 FPM 75 black 1 pc 142,80 x 5,80 FPM 75 purple 1 pc Installation paste</p>
36034	271 156-2	 <p>TD120C, D, E, F, FA, FB, FC, G, GA Contents: 1 pc 142,80 x 5,80 FPM 75 black 1 pc 142,80 x 5,80 FPM 75 purple 1 pc 143,50 x 1,60 FPM 75 black 1 pc Volvo 468 582-1 1 pc Installation paste</p>
35809	271 155-4	 <p>TD121F, FA, FB, FC, FD, FE, FF TD121FK, FN, G, GD up to engine -131995 Contents: 2 pc 142,80 x 5,80 FPM 75 black 1 pc 142,80 x 5,80 FPM 75 purple 1 pc 143,50 x 1,60 FPM 75 black 1 pc Installation paste</p>
46829	270 950-9	 <p>TD121FK, FN, G, GD from engine 131996- TD122F, FA, FH, FK, FL, FR, FS, TD123E, TD123ES Contents: 2 pcs 142,80 x 5,80 FPM 75 black 1 pc 142,80 x 5,80 FPM 75 purple 1 pc 140,00 x 2,50 FPM 75 black 1 pc Installation paste</p>
46830	270 935-0	 <p>D16A, TD162F, FL, FS, ES Contents: 1 pc 169,00 x 2,40 FPM 75 purple 1 pc 155,00 x 2,50 EPDM 70 2 pcs 157,60 x 5,80 FPM 75 black 1 pc 157,60 x 5,80 FPM 75 purple 1 pc Installation paste</p>
32974 95757	421 226 471 419-2	 <p>Size: 114x1,6 FPM 75 green</p>
32972 95759	422 219-6 424 594	 <p>Size: 132,5x1,6 FPM 75 green</p>

Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
93250	422 713-0	Size: 132,5x2,4 FPM 75 black
95762	424 595-7	Size: 143,5x1,6 FPM 75 black
95754	424 830-8	Size: 108,5x5,8 FPM purple
95756 32977	424 831-6 469 445	Size: 115,8x5,8 FPM purple
95760	424 832-4	Size: 132,7x5,7 FPM 75 black
94358	424 833-2	Size: 142,8x5,8 FPM 75 purple
95755	465 906-6	Size: 108,5x5,8 FPM 75 black

Cylinder liner sealing ring kit

dph-no.	OEM-no.	application
95758	471 424-2	Size: 115,8x5,8 FPM 75 black
95761	1 546 229-4	Size: 132,7x5,7 FPM 75 purple

Liner rings

dph-no.	OEM-no.	application
32974 95757	421 226 471 419-2	Size: 114 x 1,6 FPM 75 green
32972 95759	422 219-6 424 594	Size: 132,5 x 1,6 FPM 75 green
93250	422 713-0	Size: 132,5 x 2,4 FPM 75 black
95762	424 595-7	Size: 143,5 x 1,6 FPM 75 black
95754	424 830-8	Size: 108,5 x 5,8 FPM purple

Liner rings

dph-no.	OEM-no.	application
95756 32977	424 831-6 469 445	Size: 115,8 x 5,8 FPM purple
95760	424 832-4	Size: 132,7 x 5,7 FPM 75 black
94358	424 833-2	Size: 142,8 x 5,8 FPM 75 purple
95755	465 906-6	Size: 108,5 x 5,8 FPM 75 black
95758	471 424-2	Size: 115,8 x 5,8 FPM 75 black
95761	1 546 229-4	Size: 132,7 x 5,7 FPM 75 purple

Manifold gasket set

dph-no.	OEM-no.	application
36560	270 766-9	D50A, D50B, TD50A, TD50B, TD60A* *for F84, F85

Manifold gasket set

dph-no.	OEM-no.	application
36563	270 769-3	D60A*, TD60A * *for B6, F6
36565	270 768-5	TD60A*, TD60B, TD60C *for F65
36566	270 764-4	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS, TD63E, TD63ES, D6A
36506	270 771-9	D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA
36297	270 765-1	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G
36508	270 958-2	D100A, D100B, TD100A, TD100B, TD100BG, TD100C THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD
36509	276 052-8	TD100G, TD100GA, THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK TD101, THD101, TD102, TD103; THD102, THD103, THD103, THD104

Manifold gasket set

dph-no.	OEM-no.	application
36507	270 772-7	 <p>TD120, TD121, TD122, TD123</p>
36509	276 052-8	 <p>TD100G, TD100GA, THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK TD101, THD101, TD102, THD102, TD103, THD103, THD104</p>

Turbo connection gasket set

dph-no.	OEM-no.	application
70116	270 751-1	 <p>TD41G</p>
84305	276 815-6	 <p>TD100G, TD100GA, THD100D*, THD100DA*, THD100DB*, THD100DC*, THD100DD*, THD100E all, THD101F, TD101FA, TD101FC, TD101FD, TD101G, TD101GA, TD101GB, THD101GB, THD101GC, THD101GD, THD 101KB, THD101KC, THD101KD, THD101KE, THD101KF, TD102, THD102, TD103, THD103, THD104KB, THD104KF, D10A * from engine no. 23199-</p>
36036	270 997-0	 <p>TD100A* TD100B*, TD100BG* TD100C, TD120A**, TD120E**, TD120G**, TD120GA** * excl. F10, ** for N12</p>
70112	271 089-5	 <p>TD162F, TD162FL, TD162FS, TD163ES</p>

Gasket set complete engine overhaul



dph-no.	OEM-no.	application
37574 FS-500	2 x 275 740-9 270 770-1 270 779-2 270 766-9 6 x 275 460-4	D50A, D50B, TD50A, TD50B
37575 FS-600	2x 275 740-9 270 770-1 270 779-2 270 766-9 6 x 271 162-0	TD60A, F84, F85
70428 FS-601	2 x 275 740-9 270 770-1 270 779-2 270 769-3 6x 271 162-0	D60A/TD60A, B6, F6
70429 FS-602	2x 275 740-9 270 770-1 270 779-2 270 768-5 6x 271 162-0	TD60A, F6S
61453 FS-603	2x 275 740-9 270 762-8 270 778-4 270 768-5 6x 271 162-0	TD60B, TD60C
51259 FS-610	2x 276 821-6 275 776-3 270 774-3 270 764-4 6x 271 161-2	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS

Gasket set complete engine overhaul

dph-no.	OEM-no.	application
37576 FS-700	2x 275 525-4 270 761-0 270 957-4 270 771-9 6x 271 160-4	D70A, D70B, TD70A, TD70B, TD70D, TD70E, TD70H*, TD70HA* *for B57, BB57
48694 FS-701	2x 275 525-4 270 761-0 270 777-6 270 771-9 6x 271 160-4	TD70F, TD70FC, TD70FS, TD70G, TD70H* *for B7F, B7FA
48072 FS-710	2x 276 816-6 275 781-3 270 775-0 270 765-1 6x 271 159-6	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FS, TD71G
37482 FS-1000	6x 275 551-0 276 034-6 276 122-9 270 958-2 6x 271 158-8	D100A, D100B, TD100A, TD100B, TD100C from engine 18536-
4550 FS-1001	6x 270 789-1 276 034-6 276 122-9 270 958-2 6x 271 158-8	TD100BG
37483 FS-1003	6x 270 789-1 276 035-3 276 122-9 276 052-8 6x 271 158-8	TD100G, TD100GA, TD101F*, TD101FA*, TD101G* TD101GA, GB not for FL10 *up to engine -199157
70293 FS-1011	6x 270 789-1 276 035-3 276 122-9 276 052-8 6x 271 157-0	TD101F*, TD101FA*, TD101G*, *from engine 199158- Not for FL10 TD101GA, TD101GB
70294 FS-1012	6 x 270 789-1 276 035-3 276 123-7 276 052-8 6x 271 158-8	TD101F, TD101FA, TD101G up to engine -199157 for FL10 TD101FC, FD
70295 FS-1013	6x 270 789-1 276 035-3 276 123-7 276 052-8 6x 271 157-0	TD101F, TD101FA from engine 199158- for FL10 TD101FC, TD101FD TD102F, TD102FD, TD102FDQ, TD102FF, TD102FH, TD102FQ, TD102FS Not for engines with plastic laminate oil pan
70423 FS-2000	6x 275 551-0 275 533-8 270 782-6 270 958-2 6x 271 158-8	HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD from engine 2499 up to 23198
48346 FS-2001	6x 275 551-0 275 741-7 270 782-6 270 958-2 6x 271 158-8	THD100D, THD100DA, THD100DB, THD100DC, THD100DD from engine 23199-

Gasket set complete engine overhaul

dph-no.	OEM-no.	application
48347 FS-2002	6x 270 789-1 275 741-7 270 782-6 276 052-2 6x 271 158-8	THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK
48071 FS-2010	6x 270 789-1 275 741-7 275 785-4 276 052-8 6x 271 158-8	THD101GB, THD101GC, THD101GD, THD101GK, THD101KB, THD101KC, THD101KD, THD101KE, THD101KF up to engine no. -40891
70424 FS-2011	6x 270 789-1 275 741-7 275 785-4 276 052-8 6x 271 157-0	THD101*, THD102KA, THD102KB, THD102KD, THD102KE, THD102KF** THD103KB, THD102KD, THD103KF THD104KB, THD104KF *from engine 40892- **not for B10R
37577 FS-2200	6x 275 548-6 275 554-4 276 124-5 270 772-7 6x 271 181-0	TD120A
37484 FS-2201	6x 275 548-6 275 554-4 276 124-5 270 772-7 6x 271 156-2	TD120C, TD120D, TD120E, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA up to engine -55607
48348 FS-2202	6x 275 548-6 275 554-4 275 124-5 270 772-7 6x 271 156-2	TD120E, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA from engine 55608-
46779 FS-2210	6x 275 548-6 275 554-4 275 124-5 270 772-7 6x 271 155-4	TD121F, TD121FA, TD121FB, TD121FC, TD121FD, TD121FF, TD121FK, TD121G*, TD121GD* up to engine -131995
70296 FS-2212	6x 275 548-6 275 554-4 275 124-5 270 772-7 6x 270 950-9	TD121G*, TD121GD*, TD122 *from engine 131996- Not for engines with plastic laminate oil pan

Gasket set complete engine overhaul without liner sealing rings

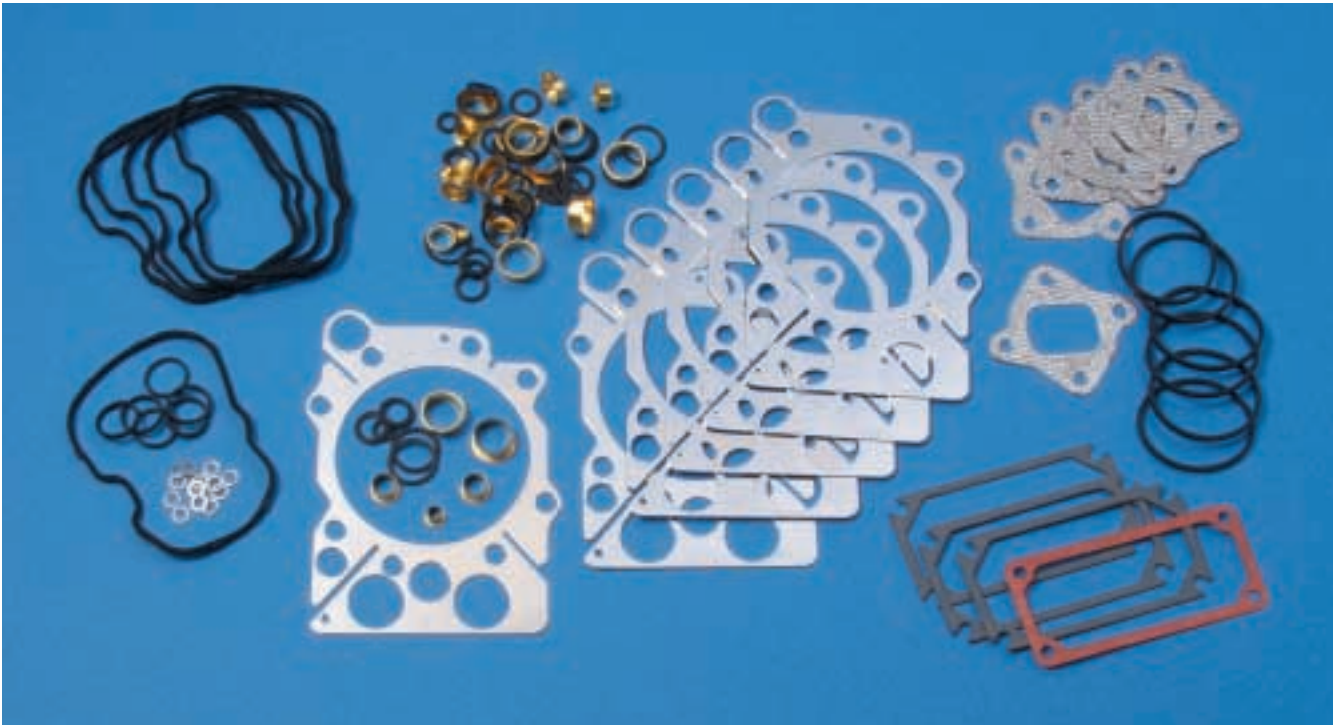


dph-no.	OEM-no.	application
37485 FS-1500	2 x 275 740-9 270 770-1 270 779-2 270 766-9	D50A, D50B, TD50A, TD50B, TD60A, F84, F85
70421 FS-1601	2 x 275 740-9 270 770-1 270 779-2 270 769-3	D60A, TD60A, B6, F6
70422 FS-1602	2x 275 740-9 270 770-1 270 779-2 270 768-5	TD60A, F6S
70297 FS-1603	2x 275 740-9 270 762-8 270 778-4 270 768-5	TD60B, TD60C
48854 FS-1610	2x 276 821-6 275 776-3 270 774-3 270 764-4	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS
37486 FS-1700	2x 275 525-4 270 761-0 270 957-4 270 771-9	D70A, D70B, TD70A, TD70B, TD70D, TD70E, TD70H*, TD70HA* *for B57, BB57
48695 FS-1701	2x 275 525-4 270 761-0 270 777-6 270 771-9	TD70F, TD70FC, TD70FS, TD70G, TD70H*, HA* *for B7F, B7FA
48855 FS-1710	2x 276 816-6 275 781-3 270 775-0 270 765-1	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FS, TD71G

Gasket set complete engine overhaul without liner sealing rings

dph-no.	OEM-no.	application
37578 FS-11000	6x 275 551-0 276 034-6 276 122-9 270 958-2	D100A, D100B, TD100A, TD100B, TD100C from engine 18536-
4513 FS-11001	6x 270 789-1 276 034-6 276 122-9 270 958-2	TD100BG
37066 FS-11003	6x 270 789-1 276 035-3 276 122-9 276 052-8	TD100G, TD100GA, TD101GA, TD101GB TD101F*, TD101FA*, TD101G*, TD101GA, TD101GB *not for FL10
46777 FS-11011	6x 270 789-1 276 035-3 276 123-7 276 052-8	TD101FC, TD101FD, TD101F FL10, TD101FA FL10, TD102FF, TD102FH, TD102FQ, TD102FS, TD101G FL10, THD102, TD102FD, TD102FDQ Not for engines with plastic laminate oil pan
70420 FS-12000	6x 275 551-0 275 533-8 270 782-6 270 958-2	HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD from engine 2499 up to 23198
70426 FS-22001	6x 275 551-0 275 741-7 270 782-6 270 958-2	THD100D, THD100DA, THD100DB, THD100DC, THD100DD from engine 23199-
70302 FS-22202	6x 270 789-1 275 741-7 270 782-6 276 052-8	THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK
48856 FS-22010	6x 270 789-1 275 741-7 275 785-4 276 052-8	THD101GB, THD101GC, THD101GD, THD101GK, THD101KB, THD101KC, THD101KD, THD101KE, THD101KF THD102KA, THD102KB, THD102KD, THD102KE THD102KF not for B10R THD103KB, THD103KD, THD103KF, THD104KB, THD104KF
70427 FS-22012	6x 270 789-1 275 741-7 276 095-7 276 052-8	THD102KF, B10R
37579 FS-22200	6x 270 548-6 275 554-4 276 124-5 270 772-7	TD120A, TD120C, TD120D, TD120E, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA up to engine -55607
37580 FS-22202	6x 275 548-6 275 554-4 276 124-5 270 772-7	TD120E, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA from engine 55608- TD121F, TD121FA, TD121FB, TD121FC, TD121FD, TD121FE, TD121FF, TD121FK, TD121FN, TD121G*, TD121GD* *up to engine -131995
51036 FS-22212	6x 270 949-1 275 554-4 276 125-2 270 772-7	TD121G*, TD121GD*, TD122 *from engine no. 131996- Not for engines with plastic laminate oil pan

Decarbonizing gasket set



dph-no.	OEM-no.	application
37581 HS-5000	2x 275 740-9 270 770-1 270 766-9	D50A, D50B TD50A, TD50B TD60A F84, 85
81826 HS-6001	2x 275 740-9 270 770-1 270 769-3	D60A/TD60A B6, F6
81827 HS-6002	2x 275 740-9 270 770-1 270 768-5	TD60A F6S
51260 HS-6003	2x 275 740-9 270 762-8 270 768-5	TD60B, TD60C
4245 HS-6010	2 x 276 821-6 275 776-3 270 764-4	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS, TD61E, TD61ES TD63E, TD63ES
37064 HS-7000	2x 275 525-4 270 761-0 270 771-9	D70A, D70B TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA
37062 HS-7010	2x 276 816-6 275 781-3 270 765-1	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G

Decarbonizing gasket set

dph-no.	OEM-no.	application
37582 HS-8000	6x 275 551-0 276 034-6 270 958-2	D100A, D100B, TD100A, TD100B, TD100C from engine 18536- up to -145715
6452 HS-8001	6x 270 789-1 276 034-6 270 958-2	TD100BG
81825 HS-8002	6x 275 551-0 276 035-3 270 958-2	TD100C from engine 145716-
37063 HS-8003	6x 270 789-1 276 035-3 276 052-8	TD100G, TD100GA, TD101F, TD101FA, TD101FC, TD101FD, TD101G, TD101GA, TD101GB, TD102F, TD102FD, TD102FDQ, TD102FF, TD102FH, TD102FL, TD102FM, TD102FQ, TD102FS TD103E, TD103ES
81824 HS-8004	6 x 275 551-0 275 533-8 270 958-2	HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD from engine 2499- up to -23198
48779 HS-8005	6 x 275 551-0 275 741-7 276 052-8	THD100D, THD100DA, THD100DB, THD100DC, THD100DD from engine 23199-
46778 HS-8006	6x 270 789-1 275 741-7 276 052-8	THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK, THD101, THD102, THD103, THD104, DH10A
37583 HS-9000	6x 275 548-6 275 554-4 270 772-7	TD120A, TD120C, TD120D, TD120E, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA, TD121F, TD121FA, TD121FB, TD121FC, TD121FD, TD121FE, TD121FF, TD121FK, TD121FN, TD121G*, TD121GD* *up to engine -131995
61338 HS-9001	6x 270 949-1 275 554-4 270 772-7	TD122F, TD122FA, TD122FH, TD122FK, TD122FL, TD122FR, TD122FS, TD123E, TD123ES, TD121G*, TD121GD* *from engine 131996-

Water seal cylinder

dph-no.	OEM-no.	application
556	479 260-2	D100A, D100B, TD100, TD101, TD102, TD103, D10A IMPORTANT!!! Use installation paste when fitting the seal. Do not use grease or oil.



Installation paste

dph-no.	OEM-no.	application
37092	1 696 135-8	For water seal cylinder head 479260-2 and cylinder liner sealing ring kits



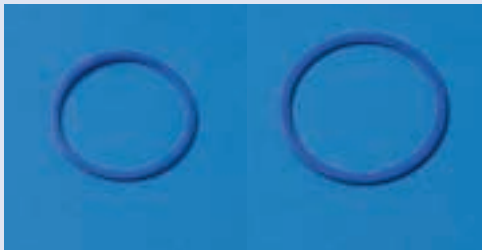
Rubber seal

dph-no.	OEM-no.	application
69924	471 956-3	For pipe oil filter housing-oil cooler to: TD61, TD63, TD71, TD73 Size: 17x25,7x7,3 FPM 70



Gasket for plugs to cylinder block

dph-no.	OEM-no.	application
49002	469 327-1	For plugs ref.Nr.: 46365-3 1 1/2" and 467367-9 1 3/4" 469327-1 for cylinder head: D100, TD100-103, HD100, THD100-104, TD120-123, TD162-163, D10A, DH10A 469328-9 for cylinder head: D50, TD50, D60, TD60, D70, TD70 469328-9 for cylinder block: D50, TD50, D60, TD60, TD61, TD63, D70, TD70, TD71, 73, D100, TD100-103, HD100, THD100-104, TD120-123, D10A, DH10A
49003	469 328-9	



Valve cover gasket

dph-no.	OEM-no.	application
35985	420 066-3	D50A, D50B, TD50A, TD50B, D60A, TD60A, TD60B, TD60C
46747	465 952-0	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GE, TD61GS, TD63E, TD63ES



Valve cover gasket

dph-no.	OEM-no.	application
32919	421 066-2	D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA
46748	471 520-7	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES
32918	423 146-0	UPPER GASKET D100A, D100B, TD100A, TD100B, TD100C up to engine -145715 HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD up to engine -23198 B58BR THD100D up to -1554
32981	423 145-2	LOWER GASKET D100A, D100B, TD100A, TD100B, TD100C up to engine -145715 HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD up to engine -23198 B58BR THD100D up to -1554
35781	424 694-8	UPPER GASKET TD100C from engine 145716- TD100G, TD100GA, TD101, TD102, TD103, THD100D*, THD100DA*, THD100DB*, THD100DC*, THD100DD* *from engine 23199- B58BR THD100D from 1555- THD101, TD101, THD101, TD 102, THD102, TD103, THD103, THD104KB, THD104KF, D10A, DH10A
35735	424 693-0	LOWER GASKET TD100C from engine 145716- TD100G, TD100GA, TD101, TD102, TD103, THD100D*, THD100DA*, THD100DB*, THD100DD*, HD100DC* *from engine 23199- B58BR ZHD100D from 1555- THD101, TD101, TD102, THD103, TD103, THD103, THD104KB, THD104KF, D10A, DH10A
36032	424 692-2	TD120, TD121, TD122, TD123


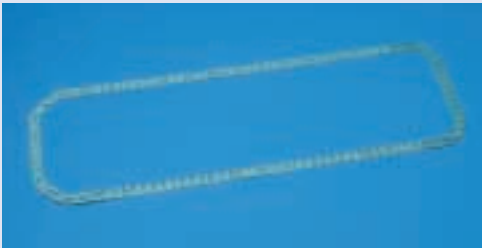
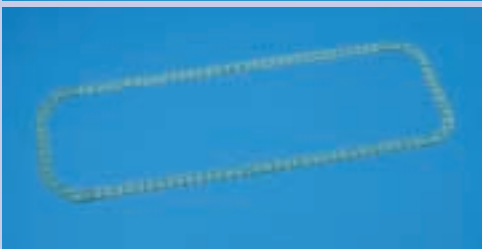
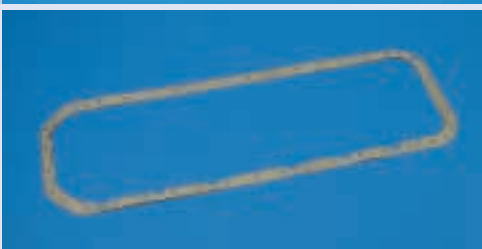



Gasket inspection cover cylinder block

dph-no.	OEM-no.	application
48512	421 121-5	D50, TD50, D60, TD60, TD61, TD63, D70, TD70, TD71, TD73, D6A, D7A, D7B
48073	469 823-9	D100, TD100, TD101, TD102, TD103, TD120, TD121, TD122, TD123, HD100*, THD100*, THD101*, THD102*, THD103*, THD104KB*, TH104KF*, D10A, DH10A *also for oil collector housing

Oil pan gasket

dph-no.	OEM-no.	application
4649	424 600-5	D50A, D50B, TD50A, TD50B, D60A, TD60A, TD60B, TD60C, TD61F, TD61FB, TD61FBQ, TD61G, TD61GA, TD61GB, TD61GE, TD61GS Not for engines with plastic laminate oil pan 4-part gasket
84384	424 601-3	D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FS, TD71G Not for engines with plastic laminate oil pan
4514	424 602-1	TD100G, TD100GA, TD101F, TD101FA, TD101FC, TD101FD, TD101GA, TD101GB, TD102F, TD102FD, TD102FDQ, TD102FF, TD102FH, TD102FQ, TD102FDS Not for engines with plastic laminate oil pan 4-part gasket
80359	424 603-9	TD120A, TD120C, TD120D, TD120E, TD120F, TD120FA, TD120FB, TD120FC from engine 55608- TD120G, TD120GA, TD121F, TD121FA, TD121FB, TD121FC, TD121FD, TD121FE, TD121FF, TD121FK, TD121G, TD121GD, TD122* Not for engines with plastic laminate oil pan 4-part gasket
37491	424 918-1	

Oil pan gasket

dph-no.	OEM-no.		application
70392 36512	424 919-1 421 025-8		D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FS, TD71G Not for engines with plastic laminate oil pan
36514 36946	478 505-1 424 605-4		TD120A, TD120C, TD120D, TD120E, TD120F, TD120FA, TD120FB, TD120FC up to engine -55607
36045 4514 37492	479 264-4 424 602-1 424 604-7		D100A, D100B TD100A, TD100B, TD100BG, TD100C 4-part gasket
37586	424 607-0		UPPER GASKET HD100A, HD100D, THD100A, THD100DB, THD100DC, THD100DD, THD100EA, THD100EB, THD100EC, THD100ED, THD100EE, THD100EK, THD102, B10R
37587	424 276-4		LOWER GASKET HD100A, HD100D, THD100A, DB, DC, DD, EA, EB, EC, ED, EE, EK, THD102K B10R
81683	420 941-7		TD73E, TD63ES, D6A For engines with plastic laminate oil pan Rubber gasket
81686	479 484-8		TD122, TD123E, TD123ES For engines with plastic laminate oil pan – 4-part gasket Rubber gasket


Oil pan gasket

dph-no.	OEM-no.	application
81685	479 486-3	TD102, TD103E, TD103EA, TD103ES, D10A For engines with plastic laminate oil pan – rubber gasket Rubber gasket



Rubber seal oil filter cap

dph-no.	OEM-no.	application
69766	940 096-1	TD40A, TD41G, D50, TD50, D60, TD60, TD61, TD63, D70, TD70, TD71, TD73, D100, TD100, THD100, TD101, THD101, TD102, THD102, TD103, THD103, THD104, TD120, TD121, TD122, TD123, TD162, TD163, D6A, D7A, D7B, D10A, DH10A Size: 42x57x3 NBR 70



Rubber gasket oil filter housing


dph-no.	OEM-no.	application
35737	469 484-0	TD100A engine no. 62343 –132654, TD100B engine no. 62343-132461
61482	469 487-3	TD100A engine no. 132655- TD100B engine no. 132462- TD100C, TD100G, TD100GA, TD101, TD102, TD103
61481	469 486-5	TD120 excl. TD120A, TD121, TD122, TD123





Rubber gasket oil cooler

dph-no.	OEM-no.	application
51329	471 465-5	TD70B, TD70E, TD70F, TD70FC, TD70FS, TD70G






Gasket exhaust manifold

dph-no.	OEM-no.	application
37588	420 708-0	D50A, D50B, TD50A, TD50B, D60A, TD60A, TD60B, TD60C
69851	420 538-1	TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GE, TD61GS, TD63E, TD63ES, D6A
36717	421 534-9	D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA
36718	471 650-2	TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES, D7A, D7B
37493	424 634-4	D100A, D100B, TD100A, TD100B, TD100BG, TD100C, THD100A, THD100D, THD100DA, THD100DB, THD100DC, THD100DD
48687	479 107-5	TD100G, TD100GA, THD100EA, THD100EB, THD100C, THD100ED, THD100EE, THD100EK, TD101, THD101, TD102, THD102, TD103, THD103, THD104KB, THD104KF, D10A, DH10A
37548	470 534-9	TD120, TD121, TD122, TD123

Gasket intake manifold

dph-no.	OEM-no.		application
81982	424 610-4		D50A, D50B, TD50A, TD50B TD60A for F84, F85
77238	424 611-2		D60A, TD60B, TD60C TD60A excl. F84, F85
50326	424 612-0		D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA
69895	469 661-3		THD101 THD102, THD103, THD104KB, THD104KF, DH10A For intake manifold-intercooler
69897	469 662-1		THD101 THD102, THD103, THD104KB, THD104KF, DH10A For connecting pipe-intake manifold
50588	469 829-6		Rubber ring D100, HD100, TD100, THD100, TD101, THD101, TD102, THD102, TD103, THD103, THD104
50616	423 174-2		Rubber ring TD120, TD121, TD122, TD123 Size: 78,5x85,5x4,5 NBR 70

Gasket timing gear casing cover

dph-no.	OEM-no.	application
36044	469 259-6	 HD100A, HD100D, THD100A for engines with servo pump take-off transmission THD100D, THD100DA, THD100DB, THD100DC, THD100DD up to engine no. -21019
36042	468 116-9	 TD 101/102
36041	467 177-2	 TD 101/102

Rubber seal oil cooler

dph-no.	OEM-no.	application
69830	471 467-1	 TD71, TD73, D7A, D7B Size: 48x63x7,4 FPM 70

Rubber seal oil cooler pipe

dph-no.	OEM-no.	application
69884	471 637-9	 D6A, TD71, TD73, D7A, D7B Size: 25x33,5x7 NBR 70

Felt ring crankshaft front sealing

dph-no.	OEM-no.	application
4053	421 131-4	 D50A, D50B, TD50A, TD50B, D60A, TD60A, TD60B, TD60C, D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA

Felt ring crankshaft front sealing

dph-no.	OEM-no.	application
36299	942 083-7	TD61, TD71
37205	422 146-1	D100A, TD100B, TD100A, TD100B, TD100BG, TD100C, TD100G, TD100GA, TD101F for engine -168545, TD101G for engine-174866, TD120A, TD120C, TD120D, TD120E, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA, TD121 for engine -91925
36719	941 666-0	HD100, THD100

Felt ring crankshaft rear sealing

dph-no.	OEM-no.	application
4054	421 147-0	D50A, D50B, TD50A, TD50B, D60A, TD60A, TD61, TD63, D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, TD70H, TD70HA
46803	422 145-3	D100A, D100B, TD100A, TD100B up to engine -58275, TD120A up to engine -13193

O-Ring oil cooler

dph-no.	OEM-no.	application
50607	944 988-5	TD70B, TD70E, TD70F, TD70FC, TD70FS, TD70G 2 Pcs required Size: 17x4,5 NBR 70

O-Ring oil cooler

dph-no.	OEM-no.	application
32927	949 656-3	 <p>TD70B, TD70E, TD70F, TD70FC, TD70FS, TD70G 2 Pcs required For oil filter housing to: D60, TD60, TD61, TD63, TD71, TD73, D7A, D7B Size: 19x3 FPM 80</p>
70050	943 177-6	 <p>TD70B, TD70E, TD70F, TD70FC, TD70FS, TD70G up to engine No. -155 993 8 Pcs required Size: 15,3x2,4 FPM 80</p>

Engine parts, fuel, exhaust and cooling system parts

Oil seal crankshaft front sealing

dph-no.	OEM-no.	application
82787	477 118-4 MVQ ARD	 <p>TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GE, TD61GS, TD63E, TD63ES, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES, D6A, D7A, D7B Size: 76,2x101,6x11,9</p>
110485	447 7118-4 FPM A/BS RD	
37211	424 983-5 FPM A/BS RD W	 <p>TD100BG, TD100C, TD100G, TD100GA, HD100, THD100, TD101F from engine 168546-, TD101G from engine 174867- THD101, TD102, THD102, TD103E, EA, ES, THD103, THD104KB, KF TD121 from engine 91926-, TD122, TD123E, TD123ES, D10A Size: 85,73x114,33x13/9,5</p>
110473	424 983-5 MVQ AS W RD	
97594	424 763-1	 <p>THD102, THD103, THD104, TH10A, DH10A Size: 130x160x15 FPM AW/BS RD</p>

Oil seal crankshaft rear sealing

dph-no.	OEM-no.	application
36586	477 119-2 MVQ ALD	 <p>TD60A, F6S, TD60B, TD60C, TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GE, TD61GS, TD63E, TD63ES, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES, D6A, D7A, D7B Size: 127x150x12</p>
110486	477 119-2 FPM A/BS LD	
15252	469 336-2	 <p>D100A, B, TD100A, TD100B from engine 58276-, TD100BG, TD100C, D100G, TD100GA, HD100, THD100, TD101, THD101, TD102, THD102, TD103E, TD103EA, TD103ES, THD103, THD104KB, THD104KF, TD120A from engine 13194-, TD120C, TD120D, TD120E, TD120F, TD120A, TD120FB, TD120FC, TD120G, TD120GA, TD122, TD123E, TD123ES, D10A, DH10A Size: 155x180x15 FPM A/BS LDW</p>

Oil seal



dph-no.	OEM-no.	application
95873	1 139 840-1	Size: 85x105x12/10 blue dph B NBR
94318	1 070 379-1	Size: 100x120x12 A/BS WD FPM dph
95875	1 190 064-4	Size: 85x105x10 B LD FPM dph
81507	1 518 399	Size: 22,23x35,15x9,52 AS FPM dph
95892	1 522 896	Size: 150x180x17,50/16
95354	1 523 239	Size: 90x145x10/15 A/B SP FPM dph
95878	1 526 688-5	Size: 55x75x8
94314	1 593 459-9	Size: 100x140x17 SP FPM dph
94319	1 594 257-6	Size: 145x175x17 SP FPM dph
94048	1 669 618	Size: 90x110x11/9,5 AW/BS LD FPM dph
50742	231 938-2	Size: 130x160x15 AS MVQ LD dph
81848	240 022	Size: 25x35x7 blue AS NBR dph
81330	247 597-7	Size: 117,47x152,4x11,51 spezial dph
93291	3 123 521-1	Size: 145x172x19 NBR spezial dph



Oil seal

dph-no.	OEM-no.	application
4293	3 514 943	Size: 30x47x7 A SP NBR dph
96085	346 822-0	Size: 10x15x13 B OF NBR
94315	6 771 541-7	Size: 135x165x17 CS spezial dph FPM
95884	6 876 142-8	Size: 25x35x7 B NBR dph
80413		Size: 98x110,70x6,8 ASW MVQ
81186		Size: 55x73x8,5/7,5 black B SP NBR dph
82246		Size: 28x38x9/11 ASW FPM dph
82425	1 587 792-1	Size: 110x140x21,5 SP NBR dph
46809	1 089 552-2	Size: 110x140x12/21,5 NBR WD spezial dph
82985		Size: 22x32x9/11 AS W FPM dph
84162	1 695 593	Size: 20x40x8 A SP FPM
94037		Size: 25x41,3x10 A SP NBR blue dph
81414	946 093-2	Size: 125x150x13 BS NBR
94036	948 826-3	Size: 68x80x8 B RD LA FPM dph
69527	949 573	Size: 44x58x7 B NBR blue dph
93784	958 861-7	Size: 38x52x7 NBR A
36318	821 755-6	Size: 155x180x15
15252	469 336-2	FPM A/BS LD W dph
98639	241 625	Size: 16x30x7 AS NBR


Thermostat seal

dph-no.	OEM-no.	application
32184	416 033-9 1 317 466-9	 <p>TD40A, TD41G, TD50, D60, TD60, D70, TD70A, TD70B, TD70C, TD70D, TD70E, TD70F*, TD70FC*, TD70FS*, TD70G*, TD70H, TD70HA, D100, TD100, HD100, THD100, TD120 *up to engine -153800 Also for intercooler thermostat to: THD101, THD 102, THD103* *up to engine -61587</p>



Thermostat seal

dph-no.	OEM-no.	application
69821	1 544 410-2	 TD70F*, TD70FC*, TD70FS*, TD70G*, *from engine 153801-, TD61, TD63, TD71, TD73, TD101, THD101, TD102, TD103, THD103, THD104KB, THD104KF, TD121, TD122, TD123, TD162, TD163, D16A, D6A, D7A, D7B, D10A, DH10A UPPER seal
82269	471 788-0	 Seal thermostat housing TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GB, TD61GC, TD61GE, TD61GS, TD63E, TD63ES, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD71E, TD72ES, TD73ES, D6A, D7A, D7B

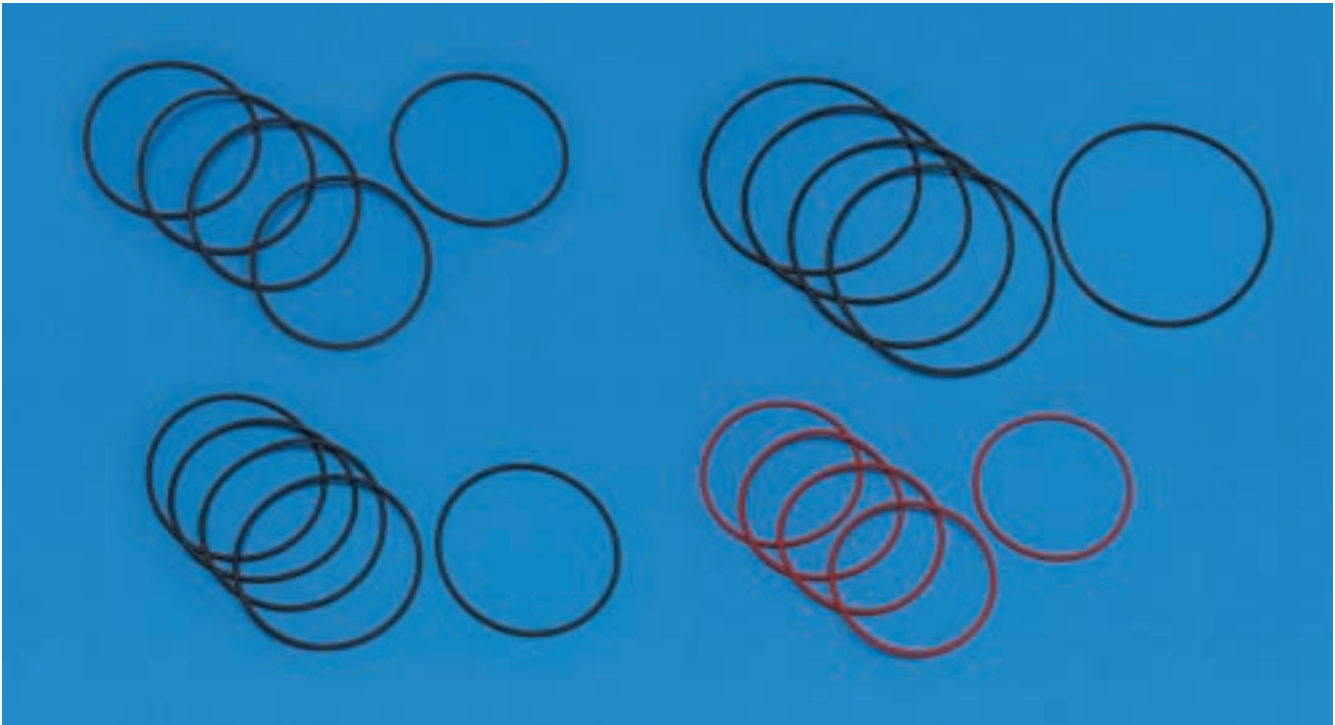
Sealing ring coolant pump

dph-no.	OEM-no.	application
94044	958 811-2	 FL6, FL7, FS7, F10, F12, FH12, F16, FH16, N10, NL10S, N12, NL12S, B6, B10B, B10L, B10M, B58 Size: 15x35x7 NBR A W blue

Sealing ring

dph-no.	OEM-no.	application
51880	471449-9	 FL10, FL616, FL617, FL618, FL619,, FL609, FL610, FL611, FL612, FL613, FL614.(CH 314000 -), F12 (CH 314000 -) Size: 52x8 MVQ 60 red
69803	1 542 783-4	 FL10, FL10 (CH 25001 -), F12, F16, N12, B10, B12 Size: 71x7 MVQ 70 red
81985	469 908-8	 B10, B58 Material: FPM

Sealing ring/Valve stem seal



dph-no.	OEM-no.	application
95914	1 075 725	
50589	1 664 473-4	Size: 60x3 EPDM 70 OR 473
70046	190 418-4	Size: 13x3 NBR 70 OR 065
70236	466 739-0	Size: 40x7 MVQ OR 739
70239	466 740-8	Size: 48x7 MVQ 60 red OR 740
36387	846 937	
50647	925 069-7	Size: 45x3 NBR 70 engine
70048	925 092-9	Size: 54x3 NBR 70 engine
70049	925 095-2	Size: 84x3 NBR water pump
70052	925 259-4	Size: 99,5x3 NBR engine
81988	925 266	Size: 139,5x3 NBR 70 water pump
70047	942 089-4	Size: 21x3 NBR 70
81989	946 773	Size: 52x3 NBR
93807	948 254	Size: 34x3 FPM 80

Sealing ring/Valve stem seal

dph-no.	OEM-no.	application
93396	948 983-2	Size: 125x3 FPM purple
70241	948 610-1	Size: 39,5x3 FPM 80
70055	949 657-1	Size: 22,2x3 FPM 80 OR 657
70232	949 721-5	Size: 26,2x3 FPM 80 OR 721 turbo
33570	960 218-6	Size: 19x1,5 NBR 90 OR 218
81993	977 176	Size: 12,37x2,62 FPM 80
32047	415 424-1	
50646	469 508-6	Size: 64x7 MVQ 70 red
51114	469 509-4	Size: 57x7 MVQ 60 red
82242	469 668-8	Size: 38x5 FPM 80
70007	477 059-0	Size: 44,2x5,7 EPDM
32982	469 456-8	
94042	1 526 181	Size: 28x 35x4 NBR
94555	1 526 439	Size: 60x80x2 NBR
70046	190 418-4	Size: 13x3,1 NBR
70005	925 053-1	Size: 8x2,4 NBR
70053	925 059-8	Size: 44,2x5,7 NBR
51214	925 063-0	Size: 29x3 NBR
51548	925 091-1	Size: 49x3 NBR
50324	925 094-5	Size: 75x3 NBR
51290	925 257-8	Size: 89,5x3 NBR
70051	925 258-6	Size: 94,5x3 NBR
70056	949 658-9	Size: 24x3 FPM
51881	949 659-7	Size: 34x3 FPM
16032	955 984-0	Size: 10x1,5 NBR

Valve lifter

dph-no.	OEM-no.	application
36301	421 067-0	D50A, D50B, TD50A, TD50B, D60A, TD60A, TD60B, TD60C, TD61, TD63E, TD63ES, D70, TD70, TD71, TD73E, TD73ES, D6A, D7A, D7B
36302	479 031-7	D100, HD100, TD100, THD100, TD101*, THD101*, TD102*, THD102*, TD120, TD121*, TD122* *early production cast valve lifter, can not be used together with forged camshaft

Valve guide

dph-no.	OEM-no.	application
81918	1 545 135-4	Intake a. exhaust
61157	421 297-3	D70A, D70B, TD70A, TD70B, TD70C Turbo D70C
81843	466 386-0	Intake a. exhaust TD70D, TD70E, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G TD FS- Turbo TD 71 Turbo
61156	422 320-2	Intake D100A, HD100A, TD100, THD100A, THD100E all, TD101from engine-196869, THD101, TD120, TD121, TD122, TD123 length: 82 mm
81918	1 545 135-4	Intake
61157	421 297-3	TD103, THD103, THD104, D10A, DH10A
81918	1 545 135-4	Exhaust
61157	421 297-3	D100A, HD100, TD100, THD100, TD101, THD101, TD102, THD102, TD103, THD103, THD104, TD120, TD121, TD122, TD123, D10A, DH10A

Valve seat ring

dph-no.	OEM-no.	application
61159	422 012-5	<p>Exhaust D100A*, TD100A*, D100B*, HD100A, HD100D, THD100A*, THD100D* diam. 51, 101 – 51, 120 mm height: 9,4 – 9,5 mm</p> <p>*early production</p>
81984	467 475-0	<p>Exhaust TD100, THD100A, THD100D late production THD100E, TD101, THD101 early production diam. 49, 054 – 49, 070 mm height: 11,4 – 11,5 mm</p>
61160	423 011-6	<p>Intake TD120, TD121, TD122, TD123 diam. 59, 101 – 59, 120 mm height: 6,7 mm</p>
61158	422 011-7	<p>Intake D100A/D100B/TD100A early production, HD100A, HD100D, THD100A*, THD100D* *early production diam. 54, 101 – 54, 120 mm height: 6,7 – 6,8 mm</p>
81917	1 545 886-2	<p>Exhaust TD101, THD101 late production TD102, THD102, TD103, THD104</p> <p>diam. 49 mm height: 9,5 mm</p>
81616	421 012-6	<p>Exhaust D70A, D70B, TD70A, TD70B, TD70C</p> <p>diam. 44, 074 – 44, 090 mm height: 9,4 – 9,5 mm</p>
61161	468 448-6	<p>Exhaust TD120, TD121, TD122, TD123</p> <p>diam. 56, 579 – 56, 604 mm height: 9,4 mm</p>

Valve seat ring

dph-no.	OEM-no.	application
81617	421 011-8	Intake D70, TD70, TD71 diam. 46, 074 – 46, 090 mm




Valve

dph-no.	OEM-no.	application
61152	467 502	
81986	479 204	
61153	467 855	
61154	468 302	
61155	468 303	
109849	469 240-6	Size: 49 x 11 x 167,3 Intake THD 100 D Turbo
61152	467 502-1	Size: 50 x 11 x 167,2 Intake TD 103 ES-turbo TD100A, TD100B turbo TD100F, TD100G turbo THD100 E-turbo, TD 101F/G/GA THD101K-turbo, THD102KF turbo, TD103 E/ES turbo
81986	479 204	



Valve

dph-no.	OEM-no.		application
61153	467 855-3		Size: 46 x 11 x 167,2 Exhaust TD 103 ES turbo TD100A, TD100B turbo TD100F, TD100G turbo THD100 E-turbo, TD 101F/G/GA, THD101K-turbo THD102KF turbo, TD103 E/ES turbo
61154	468 302-5		Size: 54 x 11 x 167,2 Intake TD120 A turbo TD102 C/E/F, TD120 turbo TD121 F/G/GD, TD 121 turbo TD122 F/FS
61155	468 303-3		Size: 50 x 11 x 167,2 Exhaust TD120 A turbo TD102 C/E/F, TD120 turbo TD121 F/G/GD, TD 121 turbo TD122 F/FS
109844	1 547 492		Size: 40 x 8 x 192 Intake D12 A 4V turbo FH12 250-309 kW
109845	8 148 574		Size: 40 x 8 x 191,7 Exhaust TD120 A turbo TD102 C/E/F, TD120 turbo TD121 F/G/GD, TD 121 turbo TD122 F/FS
109846	1 556 472		Size: 47 x 9,5 x 176,8 Intake TD162 F-turbo TD163 ES, turbo F16 D16A 4V turbo FH 16
109847	1 543 027		Size: 45 x 9,5 x 176,9 Exhaust TD162 F-turbo TD163 ES, turbo F16 D16A 4V turbo FH16
109848	1 556 473		

● Plug cylinder head

dph-no.	OEM-no.	application
48317	467 365-3	D100, HD100, TD100, THD100, TD101, THD101, TD102, THD102, TD103, THD103, THD104, TD120, TD121, TD122, TD123 1 1/2"



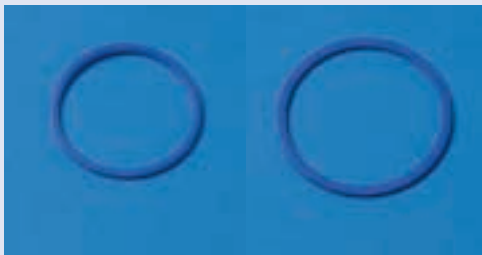
● Plug cylinder head, cylinder block

dph-no.	OEM-no.	application
70023	467 367-9	For cylinder head: D50, TD50, D60, TD60, D70, TD70 For cylinder block: D50, TD50, D60, TD60-63, D70, TD70, 73, D100, HD100, TD100, THD100, TD101, THD101, TD102, THD102, TD103, THD103-04, D16A, TD120-23, TD162-163 1 3/4"



● Plug gasket

dph-no.	OEM-no.	application
49002	469 327-1	For plug 467 365-3, 1 1/2" For plug 467 367-9, 1 3/4"
49003	469 328-9	



● Strainer oil pump

dph-no.	OEM-no.	application
48688	414 621-3	D50A, B, TD50A, B, D60A, TD60 early production D70A, D70B, TD70A, TD70E, TD70H, TD70HA, D100A, D100B, TD100A, TD100B, TD100BG, TD100C, HD100A, HD100D, THD100D, THD100DA, THD100DB, THD100DC, THD100DD, TD120



● Injector sleeve






dph-no.	OEM-no.	application
36196	465 547-8	D50A, D50B, TD50A, TD50B, D60A, TD60A
36197	466 284-7	D70A, D70B, TD70A, TD70E, TD70C, TD70D



● Injector sleeve

dph-no.	OEM-no.	application
36248	467 417-2	D100A, D100B, TD100A, TD100B, TD100BG, TD100C, HD100A, HD100D, THD100A, THD100D, THD100DA, THD100DD
36249	468 263-9	TD120A, TD120C, TD120E, TD120D
50325	479 163-8	
69199	468 784-4	
51289	470 247-8	
50351	466 403-3	
4295	466 404-1	



Injector sleeve kit

dph-no.	OEM-no.	application
36250	270 575-4	 TD60B, TD60C, TD61F, TD61FB, TD61FBQ, TD61FHQ, TD61G, TD61GA, TD61GC, TD61GE, TD61GS, TD63E, TD63ES
81842	276 130-2	 TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA, TD71F, TD71FA, TD71FAQ, TD71FC, TD71FCQ, TD71FD, TD71FQ, TD71FS, TD71FSQ, TD71G, TD73E, TD73ES, D7A, D7B
36252	270 946-7	 TD100G, TD100GA, THD100E, TD101, THD101, TD102, THD102, TD103, THD103, THD104, D10A, DH10A
36253	273 822-7	 TD120F, TD120FA, TD120FC, TD120G, TD120GA up to engine -63804
36254	273 983-7	 TD120F, TD120FA, TD120FC, TD120G, TD120GA from engine 63805-, TD121, TD122, TD123

Injector seal

dph-no.	OEM-no.	application
37597	468 210-0	 TD120A, TD120C, TD120D, TD120E
35811	469 205-9	 D50A, D50B, TD50A, TD50B, D60A, TD60A, D70A, D70B, TD70A, TD70B, TD70C, TD70D, TD70E, D100A, D100B, TD100A, TD100B, TD100BG, TD100C, HD100A, HD100D, THD100D, THD100DA, THD100DB, THD100DC, THD100DD, TD120A, TD120C, TD120D, TD120E

Injector seal

dph-no.	OEM-no.	application
36294	469 455-0	 TD60B, TD60C, TD61, TD63, TD70F, TD70FC, TD70FS, TD70G, TD71, TD73, TD100G, TD100GA, TD101, THD101, TD102, THD102, TD103, THD103, THD104, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA, TD121, TD12, TD123, D6A, D7A, D7B, D10A, DH10A
37549	466 405-8	 TD60B, TD60C, TD61, TD63, TD70F, TD70FC, TD70FS, TD70G, TD71, TD73, TH100G, TD100GA, TD101, THD101, TD102, THD102, TD103, THD103, THD104, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA, TD121, TD122, TD123, D6A, D7A, D7B, D10A, DH10A

Thermostat

dph-no.	OEM-no.	application
81010	8 149 182-1	 82°C TD 61, TD63 TD70F, TD70FC, TD70FS, TD71, TD73, TD101, TD102, TD103, THD101, THD102, THD103, THD104, TD 121, TD122, TD123 D6A, D7A, D7B, D10A, DH10A
81011	1 676 306	

Oil seal injection pump driving unit


dph-no.	OEM-no.	application
37061	424 580-9	 D70*, TD70* *not for F86, FB86, F87, N86, NB86 with injection pump of rotary type, TD71, D100, TD100, HD100, THD100, TD101, THD101, TD102, THD102, TD103, TD120, TD121 TD122 excl.TD122FS with electronic diesel control Size: 29x50x10/7 ACM AW/BS LD

Oil pump repair kit

dph-no.	OEM-no.	application
36303	276 155-9	 TD60A from engine 23298, TD60B, C, D70A, B, TD70A-E, H, HA, D100A, B, TD100A, B, BG, C, G, GA, TD101F, FA, FC, FD, G, GA, GB Not for trucks with MR61 or MR62B gearbox
36305	275 731	 F12, N12 (CH 306000 -), B12







Oil pump repair kit

dph-no.	OEM-no.	application
82952	276 156	F12 (- CH 34000), F12 (- CH 12000), F89 - G89










Repair kit (engine)

dph-no.	OEM-no.	application
97864	151 835-6	Bendix 15,5
82820	1 080 437	Bendix 15,5
82821	1 190 395	
82822	1 508 996	
82823	1 518 358	
82824	1 518 359	








● Repair kit (engine)

dph-no.	OEM-no.	application
82825	1 518 360	Bendix 15,5
		
82826	1 590 264	Bendix 15,5 2W440D
		
82827	1 594 266	Tuflo 600/700
		
82828	1 599 919	
		
82830	1 612 335	Bendix 15,5
		
82829	1 611 815	Tuflo 600/700
		
82930	1 620 462	
		

Repair kit (engine)

dph-no.	OEM-no.	application
82831	1 696 123	Piston ring kit
94387	1 696 124	Piston ring kit
94068	244 830-6	
94946	270 488	
94531	270 549	
81381	270 909	
81932	271 252	Bendix 02/05

● Repair kit (engine)

dph-no.	OEM-no.	application
84670	271 526-6	
81383	1 697 318	
81934	272 574	
81935	272 575	
81936	272 576	Bendix RG-1DC relay valve 
81938	272 623	Bendix 
81939	272 624	Bendix 
81940	272 625	

Repair kit (engine)

dph-no.	OEM-no.	application
81941	272 626	
82812	272 631	Bendix
94400	272 632	
81943	272 660	
81385	272 709	
81947	272 726	
81389	272 730	








● Repair kit (engine)

dph-no.	OEM-no.	application
81386	272 801	
81948	272 808	
81391	272 864	Bendix 02/05
70387	272 866	Wabco service kit
81408	272 878	Bendix Tuflo 501
70388	272 884	Wabco Service kit
81951	272 896	Repair kit ring kit Bendix

Repair kit (engine)

dph-no.	OEM-no.	application
94629	273 375	Repair kit
94628	273 706	
95657	274 104	
94532	274 105	
95533	274 106	
36304	275 715-1	Oil pump
81410	276 543	Bendix Tuflo 500

● Repair kit (engine)

dph-no.	OEM-no.	application
81401	3 090 288	Wabco 03
		
96287	3 090 377	
		
96286	3 090 379	Reed valve kit
		
96290	3 090 388	Piston ring kit
		
96281	3 094 155	Bendix
		
96283	3 094 156	Bendix
		
94605	3 097 147	
		





Repair kit (engine)

dph-no.	OEM-no.	application
82813	328 752	


Steel ring injector sleeve

dph-no.	OEM-no.	application
36306	466 420-7	 <p>TD60B, TD60C, TD61, TD63, TD70F, TD70FC, TD70FS, TD70G, TD71, TD73, TD100G, TD100GA, THD100E, TD101, THD101, TD102, THD102, TD103, THD103, THD104, TD120F, TD120FA, TD120FB, TD120FC, TD120G, TD120GA, TD121, TD122, TD123, D6A, D7A, D7B, D10A, DH10A</p>

Cylinder liner adjusting shim

dph-no.	OEM-no.	application
36289 *	422 619-7	 D100, HD100, TD100, THD100, TD101, THD101, TD102, THD102, TD103, THD103, THD104, D10A, DH10A *0,20 mm, **0,30 mm, ***0,50 mm
36971 **	422 620-5	
36290 ***	422 621-3	
37555 *	466 878-6	 D70, TD70, TD71, TD73 *0,12 mm, **0,20 mm, ***0,30 mm, ****0,50 mm
36282 **	466 114-6	
36283 ***	466 183-1	
36284 ****	466 184-9	
36287 *	465 394-5	 D60, TD60, TD61, TD63 *0,20 mm, **0,30 mm, ***0,50 mm
37556 **	465 395-2	
36288 ***	465 396-0	
36285 *	468 271-2	 TD120, TD121, TD122, TD123 *0,20mm, **0,30mm, ***0,50 mm
36286 **	468 272-0	
36309 ***	468 273-8	

● O-ring injector sleeve

dph-no.	OEM-no.	application
36298	466 922-2	 <p>TD60B, TD60C, TD61, TD63, TD70F, TD70FC, TD70FS, TD70G, TD70H, TD70HA, TD71, TD73, TD120F*, TD120FA*, TD120FB*, TD120FC*, TD120G*, TD120GA*, D6A, D7A, D7B *up to engine no. -63804</p>

Washers



dph-no.	OEM-no.	application
95337	240 017-4	Size: 24x29x2 CU
37854	418 360-4	Size: 12x16,7x4 NBR for oil filter
69636	418 411-5	Size: 15x19,8x4 NBR water pump
37862	418 412-3	Size: 20x25x4 NBR engine
83873	942 580-2	Size: 8x13x1,5 ALU
81990	947 620-1	Size: 8x12x1 CU
81991	947 622	Size: 16x20x1,5 CU
34792	957 187	Size: 24x29x2 ALU
97191	977 751	Size: 18x24x1,5 CU
51883	421 158-7	Size: 29X35X5 NBR
48408	423 281-5	Size: 27x32x3,7 NBR EPL 281
48407	469 477-4	Size: 24,8x29,6x3,05 FPM
61628	469 479-0	Size: 22,5x28,5x3 NBR
61627	469 481-6	Size: 44,4x50,5x3 NBR

Washers

dph-no.	OEM-no.	application
69836	469 482-4	Size: 22x28x3 FPM
69863	469 606-8	Size: 50x56x3,7 FPM
50948	469 846-0	Size: 17x23x3 FPM
69922	469 952-6	Size: 27x33,5x3 FPM
69818	470 383-1	Size: 25x33,5x5,1 NBR
84367	471 626-2	Size: 19x27,7x7,40 FPM
69913	471 856-5	Size: 14,5x20x3 FPM
94042	1 526 181	Size: 28x35x5,5 NBR Abstreifer

Gasket

dph-no.	OEM-no.	application
97861	151 837-2	Valve plate
94323	1 542 780-0	Rubber
82906	1 610 078-6	
94554	1 655 638	80x70x4,3 green NBR
95278	1 655 778	
95279	1 655 780-3	
95276	267 386-1	



Gasket

dph-no.	OEM-no.	application
93363	341 488-5	
69757	382 010-7	
95277	382 055	
37449	420 160	EPL 160
50587	420 618-1	Turbo loader
51369	420 641-3	EPL 641
50327	420 642-1	Epl 642

Gasket

dph-no.	OEM-no.	application
69905	422 779-9	EPL 779
51233	424 618-7	EPL 618
36276	465 551-7	
50507	470 939-0	Turbo loader
50508	470 993-7	EPL 993
4356	478 074-8	VC 074 Valve cap

Gasket

dph-no.	OEM-no.		application
80909	1 526 525-9		
35655	468 582-1		138x143x11 NBR liner gasket
94555	1 526 439		Size: 60x80x2 NBR
50617	1 542 781-8		Size: 61x66,4x6 MVQ

Rubber cushions for engine, exhaust systems and gearbox

Rubber cushion front engine mount

dph-no.	OEM-no.		application
36307	1 623 745-5		F7, F10, F12, F16, N7, N10 up to chassis No-49000, N10 USA with engine TD100C N10 BR MK2 up to chassis No..-604497, N12 up to chassis No -12000, N12 BR MK2 up to chassis No..-604497 Upper cushion
36308	1 503 490-3		F7, F10, F12, F16, N7, N10 up to chassis No..-49000, N10 USA with engine TD100C N10 BR MK2 up to chassis No -604497, N12 up to chassis No.-12000, N12 BR MK2 up to chassis No. -604497 Lower cushion
48217	1 611 420-9		N10 from chassis No..49001-, N10 USA with engine TD101GB N10 BR MK2 from chassis No..604498-, NL10 Australia, NL10 BR, NL10S N12 from chassis No.12001-, N12 BR MK2 from chassis No.604498- NL12 Australia, NL12BR, NL12S

Rubber cushion exhaust system

dph-no.	OEM-no.		application
46782	6 850 149-3		F82-84, F86, FB86, F87-88, FB88, F89, G89, F4, F6, F6S, F7, F10, F12, N84, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10BR, N12, N12BR MK2, NL12BR, B54-55, B57, BB57, B58, B58BR, B59, B6, B7F, FA, B9M, B10B, B10L, B10M, B10MBR, B10R, B12, B12BR, C10M for radiator and fan mounting to: B58BR, B59, B7ch.30000-, B9M, B10B, B10MBR, B10R for alternator mounting to: B9M, B10M, B10MBR thread M12

Rubber cushion rear engine mount

dph-no.	OEM-no.		application
81618	1 573 891-7		F10, F12 N12 chassis 31104-, N10BR MK2, NL10 Australia, NL10BR, NL10S, N12 chassis 5551-, N12BR MK2, NL12 Australia, NL12BR, NL12S



Motor rubber cushion

dph-no.	OEM-no.	application
94607	1 586 316	Gearbox mounting
94606	1 605 093	



Clutch, gearbox

Gearbox gasket set

dph-no.	OEM-no.	application
36296	270 824-6	 <p>F6S, FL616-619, F7, FE7, FL7, N7</p> <p>for gearboxes: R52 u. R52B</p>
36295	270 823-8	 <p>F7, FL7, F10, FL10, F12, N7, N10, N10BR MK2, N12, N12BR MK2</p> <p>for gearboxes: R61, SR61, R62, MR62, MR62BSR62, R63</p>

Oil seal gearbox input shaft

dph-no.	OEM-no.	application
70270	267 316-8	 <p>F86, FB86, F87, F6S, FL616-619, F7, FE7, FL7, N7</p> <p>for gearboxes: R50-52, R52B</p> <p>also for power take-off to following types: F88, FB88, F89, G89, F7, FL7, F10, FL10, F12, N7, N10, N10BR MK2, N12, N12BR MK2</p> <p>Size: 60x80x8/9,5 FPM BS</p>
35804	267 268-1	 <p>F86, FB86, F87-88, FB88, F89, G89, FL616-619, F7, FE7, FL7, FS7, F10, FL10, F12, F16, N88, NB88, N7, N10, N10BR MK2, NL10 Australia, NL10BR, NL10S, N12, N12BR MK2, NL12 Australia, NI2 BR, NL12S</p> <p>for gearboxes: R60-61, SR61, MR62, MR62B, R62, SR62, R1000, R1400, SR1400, R1700, SR1700, SR2000 B9M, B10M with gearbox: G7-EGS</p> <p>Size: 64,9x90x10 FPM BS LA RD</p>
35805	267 269-9	 <p>F86, FB86, F87, F88*, FB88*, FB89*, G89*, F6S, FL616-619, F7, FE7, FL7, F10, F12, N88, NB88, N7, N10, N10BR MK2, N12, N12BR MK2</p> <p>for gearboxes: R50-52, R52B, R60, MR61, R61, MR62, MR62B, R62, SR62, R63</p> <p>*also for transfer gearbox input shaft</p> <p>Size: 80x100x10 FPM BS LA LD</p>


Oil seal

dph-no.	OEM-no.		application
95880	1 526 828-7		Size: 105x130x12/9,5 AB/BS LD ACM dph
108799	6 876 127-9		Size: 48x65x10 B NBR
95881	6 876 126-1		Size: 48x69x10 B RD FPM
94046	943 741-9		Size: 26,3x36,2x7,3 AS NBR blue dph
108800	947 705		Size: 15x21x5 BS NBR
70465	192 600-5		Size: 70x90x10 B NBR Gearbox

Clutch servo cylinder

dph-no.	OEM-no.		application
80538	1 655 639-1		F86, FB86, F87, F89, G89, F6S, FE6, FL608-615, FL616-619, F7, FE7, FL7, FS7, F10, F12*, N7, N10, N10BR MK2, NL10 Australia, NL10BR, NL10S, N12, N12BR MK2, NL12 Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B6, B7 ch.-29999, B7F, B7FA, B9+10M**, B10R, C10M *not for single disc clutch from ch.314000- **for gearboxes: S6-80/85/90 and G7-EGS ch.-25462

Clutch servo cylinder

dph-no.	OEM-no.	application
81155	1 668 501-8	 F12 (CH 314000 -), F16, B10 (CH 20001 -), B12, FH12, FH16
95521	1 655 435	


Repair kit clutch master cylinder

dph-no.	OEM-no.	application
48857	276 546-9	 N7 up to chassis No.:6567, Australia-530095, N10 up to chassis No:-21719, Australia -540191, N12 up to chassis No:-3232, Australia -550077, F88, FB88, G88, F89, G89, B57*, BB57 *RHD with gearbox K191 manuel 5-speed
4381	273 660-1	 FL7, F10, FL10, F12, N7 ch.6568-, Australia ch.530096- N10 ch.21720-, N10BR MK2, Australia ch.540192-, N12 ch.3233-, N12BR MK2, Australia ch.550078-, B57*, BB57*, B58, B58BR, B7FB7FA, B9M, B10M, B10MBR, B10R, C10M early version *excl. gearbox K191
46717	271 106-7	 FL7, FS7, F10, FL10, F12, F16, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B9M, B10B, BLE, M, MBR, R, B12, B12BR late version for clutch master cylinder ref.No.: 1620462-0 u.1669488-7

Repair kit clutch servo

dph-no.	OEM-no.	application
4396	273 632-0	 F86, FB86, F87-88, FB88, G88, F89, G89, N88, NB88, N7, N10, N12 for servo cylinder type: Clayton
36050	271 194-3	 F86, FB86, F87, F89, G89, F6S, FE6, FL608-615, FL616-619, F7, FE7, FL7, FS7, F10, F12*, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B6, B7*, B7F, B7FA, B9M*, B10M*, B10MBR, B10R, C10M for servo- cylinder type: Volvo-Kongsberg *not for servo- cylinder type Ref: 1655435-4 **u.1668501-8** ** late version

● Repair kit clutch servo

dph-no.	OEM-no.	application
81929	270 586-1	For DPH 81155
		

● Repair kit gearbox control cylinder

dph-no.	OEM-no.	application
36048	273 081-0	F86, FB86, F87-88, FB88, F89, G89, F6S, F7, N86, NB86, N88, NB88, N7, N10, N12 for gearbox: R50-52, R60-61, SR61
		
36049	276 146-8	F6S, FL616-69, F7, FL7, F10, FL10, F12, N7, N10, N10BR MK2, N12, N12BR MK2, for gearbox: R52B, MR62, MR62B, R62, SR62, R63
		

● Repair kit gearbox inhibitor valve

dph-no.	OEM-no.	application
36046	273 082-8	F86, FB86, F87-88, FB88, G88, F89, G89, F6S, F7, F10, F12, N86, NB86, N88, NB88, N7, N10, N10BR MK2, N12 for gearbox: R50-51, R52*, R52B*, R60, MR61, R61, MR62B*, R62*, SR62*, SR63* *from gearbox: R52-22773, R52B-3672, R62-27350, MR62B, SR62-44215 LHD/v-styrd, excl. 41172-41639 MR62B, SR62-51496 RHD/h-styrd, SR62F12-41171 LHD/v-styrd, incl. 41640-42215
		
61170	276 335-7	F6S, FL616-619, F7, FE7, FL7, F10, FL10, F12, N7, N10, N10BR MK2, N12, N12BR MK2 for gearbox: R52, R52B, MR62B, R62, SR62 from gearbox: R52 22774-, R52B 3673, R62 27351-, MR62B, SR62 44216-LHD/v-styrd incl. 41172-41639, MR62B, SR62 51497-RHD/h-styrd, SR62 F12 41172-, excl. 41640-42215
		
46783	276 108-8	FL616-619, FE7, FL7, FS7, F10 from chassis No 25001-, F12 from chassis No 34001-, N10 from chassis No 306000-, N10BR MK2, FL10, FL16, NL10 Australia, NL10BR, NL10S, N12 from chassis No 306000-, NL12 Australia, NL12S for gearbox: R1000, R1400, SR1400, R1700, SR1700, SR2000
		

Repair kit split cylinder

dph-no.	OEM-no.	application
51553	273 665-0	 <p>F88, FB88, G88, F89, G89, F7, FL7, F10, FL10, F12, N7, N10, N10BR MK2, N12, N12BR MK2</p> <p>for gearbox: SR62, SR70, SR71</p>
46718	270 925-1	 <p>FL7, FS7, FL10, FH12, F10 chassis No 25001-, F12 chassis No 34001-, N10 chassis No 306000-, N10BR MK2, NL10Australia, NL10BR, S N12 chassis No 306000-, N12BR MK2, N12 Australia, NL12BR, NL12S</p> <p>for gearbox: SR1400, SR1700, SR1900, SR1700 Geartronic, SR1900 Geartronic</p>

Repair kit range cylinder

dph-no.	OEM-no.	application
46719	270 926-9	 <p>FL616-619, FE7, FL7, FS7, F10, FL10, F12, FH12, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B9M, B10B, B10M, B12</p> <p>early production</p> <p>for gearbox: R1000 b.Getr.Nr.-11842, R1400-27186, SR1400-27286, R1700-9336, SR1700-63971, SR1700 Geartronic -64825, SR1900-457, G7EGS</p>


Repair kit (for cover to split cylinder and range cylinder)

dph-no.	OEM-no.	application
98283	3 094 518-2	 <p>FL616-619, FE7, FL7, FS7, F10, FL10, F12, FH12, F16, FH16, N10, N10BR MK2, NL10 Australia, NL10S, N12, NL12 Australia, NL12S, B9M, B10M</p> <p>for gearbox: R1000, R1400, SR1400, R1700, SR1700, SR1900, SR2000, SRO2400</p> <p>also for split cylinder relay valve (MECMAN): F7, FL7, F10, FL10, F12, F16, N7, N10, NL10BR, N10BR MK2, N12, N12BR MK2, NL12Australia</p>


O-Ring cover range cylinder

dph-no.	OEM-no.	application
50323	967 344-3	 <p>FL616-619, FE7, FL7, FS7, F10, FL10, F12, FH12, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, NL12 Australia, NL12S, B7, B10B, B9M, B10M, B12, B12BR,</p> <p>for gearbox: R1000, R1400, SR1400, R1700, SR1700, SR1900, G7EGS, G8MGS</p>

Support bearing kit propeller shaft

dph-no.	OEM-no.	application
36311	1 696 389-4	 <p>F6, F6S, FE6, FL608-615, FL616-619, F7, FE7, FL7, F10, FL10, F12, N7, N10, NL10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12BR, B57, BB57, B58BR, B7, B7F, B7FA, B9M, B10M, B10MBR</p> <p>Bearing inner diam. 60 mm</p>

Support bearing kit propeller shaft

dph-no.	OEM-no.	application
36312	263 567-0	 <p>FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, N12BR MK2, NL12Australia, NL12S</p> <p>Bearing inner diam. 70 mm</p>

Repair kit air dryer

dph-no.	OEM-no.	application
37287	272 760-0	 <p>F6S, F7, FL7, FL10, F16 F10 fr.chassis No.25001-, F12 fr.chassis No.34001-, N7 fr.chassis No.12001-, N10 fr.chassis No.49001-, NL10Australia, NL10S, N12 fr.chassis No 12001-, NL12Australia NL12S, B58, B58BR, B6 splc S-6915 B9M, B10M: up to chassis No. -20000 B10MBR, B10R for BENDIX air dryers</p>
36313	270 694-3	 <p>FL7, F10 fr.chassis No.25001-, F12 fr.chassis No.34001-, F16 B9M/B10M chassis No.20001-39999 2 kits required for WABCO air dryers</p>

Gasket for oil filter

dph-no.	OEM-no.	application
69816	382 361-4	 <p>For oil filter 382353-1 (not in our range)</p>

Seal ring

dph-no.	OEM-no.	application
95883	1 526 817-0	 <p>25x49,7x10,50/15 SP FPM rubber metal</p>
50509	925 068-9	 <p>42x3 NBR OR 068</p>

● Seal ring

dph-no.	OEM-no.		application
70234	949 722-3		36,2x3 FPM green OR 722
70054	1 526 474-0		17,3x2,4 NBR OR 6474

Brake parts

Repair kit air dryer drain valve

dph-no.	OEM-no.	application
81394	272 721-2	 <p>F6S, F7, FL7, FL10, F16, F10 fr.chassis No.25001-, F12 fr.chassis No.34001-, N7 fr.chassis No.12001-, N10 fr.chassis No.49001-, NL10Australia, NL10S, N12 fr.chassis No.12001-, NL12Australia, NL12S, B58, B58BR, B6-spcl S-6915, B9M/B10M up to chassis No...20000, B10MBR, B10R for BENDIX air dryers</p>

Diaphragm brake cylinder

dph-no.	OEM-no.	application
46784	1 614 797-7	 <p>F86, FB86, F87-88, FB88, G88, F89, G89, FL4, FL608-615, F7, FL7, F10, FL10, F12, F16, N84, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10S, N12, NL12S, B59, B12, B12BR diaphragm type 20</p>
46785	1 614 798-5	 <p>F86, FB86, F87-88, FB88, G88, F89, G89, F7, FL7, F10, FL10, F12, F16, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B59, B7, B7F, B7FA, B9M, B10M, MBR, 10R, C10M diaphragm type 24</p>
46786	1 614 799-3	 <p>F6USA, FE6, F7, FE7, FL7, F10, FL10, F12, FH12, F16, FH16, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B59, B7, B7F, B7FA, B10B, B10L, B9M, B10M, B10MBR, B10R, B12, C10M diaphragm type 30</p>
69212	353 314	T9 - Ø 128
69214	325 197	T12 - Ø 139

Diaphragm brake cylinder

dph-no.	OEM-no.	application
69216	1 614 796	T16 - Ø 156
69222	1 518 741	T36 - Ø 224

O-Ring anchor pin

dph-no.	OEM-no.	application
70230	941 705-6	F85-86, FB86, F87-88, G88, F89, G89, F7, F10, F12, N84, N86, NB86, N88, NB88, N7, N10, N12, B57, BB57, B58, B58BR, B59, B9M, B10M, B10R dimension: 29,5x2,3 mm
61105	969 219-5	B57, BB57, B58, B58BR, B59, B7 ch.30000-, B7F, B7FA, B9M, B10B, B10M, B10R, C10M dimension: 24,7x1,7 mm
48076	969 220-3	F7, F10, F12, N7, N10, N10BR MK2, NL10BR, N12, N12BR MK2, NL12BR, B57, BB57, B58, B58BR, B7 ch.30000-, B7F, B7FA, B9M, B10B, B10M, B10MBR, B10R, C10M dimension: 29,75x3,53 mm

Tension spring brake shoe S-cam

dph-no.	OEM-no.	application
46733	346 499-7	F85, F7, F10, F12, N84, N7, N10, N10BR MK2, NL10BR, N12, N12BR MK2, NL12BR, B58BR, B7 ch.30000-, B7F, B7FA, B9M, B10MBR, B10R, C10M

Return spring Z-cam

dph-no.	OEM-no.	application
46793	3 097 092-5	FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR



Dust cover Z-cam

dph-no.	OEM-no.	application
81522	3 090 954-3	FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR



Thrust pin Z-cam

dph-no.	OEM-no.	application
81006	1 696 446-2	FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR



Repair kit reverse lock Z-cam


dph-no.	OEM-no.	application
81004	276 097-3	FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR left FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917
81005	276 098-1	FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR right FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917



Repair kit brake adjusting Z-cam

dph-no.	OEM-no.	application
81001	3 097 099-0	 <p>FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR left-hand thread FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917</p>
81987	8 550 977-6	 <p>FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR right-hand thread FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917</p>

Sealing kit Z-cam

dph-no.	OEM-no.	application
81953	272 905-1	 <p>FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917</p>


Repair kit adjusting pin Z-cam

dph-no.	OEM-no.	application
81003	276 096-5	 <p>FL7 ch.SW-340707, AUS-561047, SC-890849 F10 ch.SW-340597, BEL-450239, SC-890823 FL10 ch.SW-340719, AUS-561047, SC-890865 F12 ch.SW-340594, BEL-450239, SC-890823 AUS-593365 F16 ch.SW-340585, AUS-503172 N10 ch.-341356, N12 ch.-341407, B7 ch.20000-20436 Trucks build in: SW= sweden AUS=australia, Bel=belgium, SC=scotland</p>
94692	3 090 964-2	 <p>FL7 ch.SW340708-, AUS561048-, SC890850- F10 ch.SW340598-, BEL450240-, SC890824- FL10 ch.SW340720-, AUS561048-, SC890866- F12 ch.SW340595-, BEL450240-, SC890824- AUS593366- F16 ch.SW340586-, AUS503173-, FH12, FH16, N10 ch.341357-, NL10AUS, NL10S, N12 ch.341408-, NL12AUS, S, B7 ch.20437-29999, B10B, BLE, L, B12 FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917</p>

Cross shaft Z-cam

dph-no.	OEM-no.	application
81002	272 910-1	 <p>FL7, F10, FL10, F12, FH12, F16, FH16, N10, NL10Australia, NL10S, N12, NL12Australia, NL12S, B7 ch.20000-29999, B10B, B10BLE, B10L, B12, B12BR</p>

O-ring compressor connection

dph-no.	OEM-no.	application
61103	975 610-7	 <p>F84-86, FB86, F87-88, FB88, G88, F89, G89, F6, F6S, FE6, FL608-615, FL616-619, F7, FE7, FL7, F10, FL10, F12, F16, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B54, B57, BB57, B58, B58BR, B59, B6-7, B7F, B7FA, B9M, B10B, B10L, B10M, B10MBR, B10R, B12, C10M not for WABCO 704 FL616-619 for trailing wheel brake 6x2 special S-60657, S-60917</p>

Repair kit air brake compressor

dph-no.	OEM-no.	application
81409	272 813-7	 <p>F6, F6S, F7, FL7, F10, FL10, F12, N7, N10, N12, B7F, B7FA, BB57, B6 chassis -4999, for compressor 500 F86, FB86, F87, F88, FB88, G88, F89, G89, N86, NB86, N88, NB88</p>
81407	3 090 471-8	 <p>FL7, F10, FL10, F12, F16, NL10Australia, NL10BR, NL10S, NL12 Australia, NL12BR, NL12S, B58, B58BR, B59, B9M, B10M, B10MBR, B10R, C10M for compressor: 15, 5</p>
81392	6 645 225-1	 <p>F6, F6S, F7, FL7, F10, FL10, F12, N7, N10, FL12, F16 NL10Australia, NL10S, N12, NL12 Australia, NL12S, B58BR, B6, B7F, B7FA, B9M, B10B, L, M, R, B12BR, C10M F86, FB86, F87, F88, FB88, G88, F89, G89, N86, NB86, N88, NB88 B12 chassis -4999</p>

Repair kit

dph-no.	OEM-no.	application
81007	1 696 450-4	
81383	1 697 318	 <p>Repair kit air brake</p>

Repair kit

dph-no.	OEM-no.	application
81382	270 910	Repair kit air brake Wabco 4757010010/10200
81387	270 969	Foot brake valve kit Wabco 4613150080/0090/0170
82814	272 571	Foot brake valve kit, Wabco
81390	270 890	Repair kit brake valve kit
81937	272 577	Hand control valve kit, Wabco
81384	272 712	Repair kit trailer control valve, Wabco
81388	272 731	Repair kit quick release valve Bendix 274996

Repair kit

dph-no.	OEM-no.	application
81411	272 790	Repair kit hand control valve
81412	272 794	Repair kit hand control valve Wabco 9617222520
81949	272 860	Repair kit trailer control valve
81413	272 875	Wabco hand control valve
81406	270 698-4	

King pin kit

dph-no.	OEM-no.	application
46794	3 090 267-0	F86, FB86, F87, F88, FB88, F89, G89, N86, NB86, N7, N10, N12, B57, BB57, B58, B59 late production F6S, FE6, FL616-617, F7, FE7, FL7, FS7, F10, FL10, F12, F16, N10BR MK2, NL10Australia, NL10BR, N12BR MK2, NL12Australia, NL12BR, B58BR, B6, B7 ch.20000-, B7F, B7FA, B9M, B10M, B10MBR, B10R king pin upper: diam. 48 mm
46795	3 090 266-2	FL618-19, F7, FE7, FL7, FS7, F10, FL10, F12, F16, FH16, N7, N10, N10BR MK2, NL10BR, NL10S, N12, N12BR MK2, NL12 BR, NL12S, B9M ch.20001-, B10B, B10L, B10M ch.20001-, C10, B12, B12BR Olympian MK2 king pin upper: diam. 50 mm

Expansion pin for anchor pin

dph-no.	OEM-no.	application
46791	951 982-8	For anchor pin 1 584 671-0
46792	951 983-6	For anchor pin 1 584 673-6, 1 586 716-1



Pinion Z-cam

dph-no.	OEM-no.	application
81008	1 696 924-8	FL616-619*, FL7, F10, FL10, F12, FH12, FL12, F16, FH16, N10, NL10 Australia, NL10S, N12, NL12 Australia, NL12S, B7 ch. 20000-29999, B10B, B10BLE, B10L, B12, B12BR *for trailing wheel brake 6x2 special S-60657, S-60917 left
81009	1 696 925-5	FL616-619*, FL7, F10, FL10, F12, FH12, FL12, F16, FH16, N10, NL10 Australia, NL10S, N12, NL12 Australia, NL12S, B7 ch. 20000-29999, B10B, B10BLE, B10L, B12, B12BR *for trailing wheel brake 6x2 special S-60657, S-60917 right



Front and rear axel parts

Oil seal

dph-no.	OEM-no.		application
80493	1 522 373-8		Rear axle Size: 50x65x80 B WD FPM dph
69293	1 522 894-3		Rear axle Size: 80x150x12/20 SP RD LA FPM dph
80047	338 425		Size: 25x35x8 NBR AD Steering
69289	943 250-1		63,5x110x12 BS LD FPM dph rear axle
80881	944 665-9		148x168/170x32 B WD NBR dph rear axle
94316	944 671-7		126x173x15 C Spezial NBR front and rear

Oil seal

dph-no.	OEM-no.	application
80013	946 026-2	Size: 152,4x120,65x13/12 NBR dph front and rear
108798	947 270-5	Size: 85x110x13 A NBR front axle
69291	948 642-8	Size: 90x125,25x10 BS RD LA FPM dph rear axle

Oil seal steering gear

dph-no.	OEM-no.	application
36627	341 050-3	F84-85, F88, FB88, G88, F89, G89, F6, FE6, FL608-615, FL616-19, F7, FE7, FL7, F10, FL10, FS10, F12, F16, N84, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B59, B6 ch.5000-, B7, B7F, B7FA, B9M, B10B, B10M, B10MBR, B10R, B12, B12BR for ZF-steering gear

Oil seal pinion differential carrier

dph-no.	OEM-no.	application
36626	1 522 895-0	F86, FB86, F87-88, FB88, F89, G89, F6S, FE6, FL616-619, F7, FE7, FL7, F10, FL10, F12, FH12, F16, FH16, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10Australia, NL10BR, N12, N12BR MK2, NL12Australia, NL12BR MK2, B57, BB57, B58, B58BR, B59, B7, B7F, FA, B9M, B10B, M, MBR, R, C10M for rear axle types: DR80, EV71, EV80, 80B, EV8181B+C, EV82, 82B also for transfer gearbox: F88, FB88, G88, F89, G89, F10, F12, N10, NL10S, N12

Oil seal companion flange differential carrier

dph-no.	OEM-no.	application
59232	948 448-6	F86GB, F7, FL7, F10, FL10, F12FH12, F16, FH16, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S for tandem rear axle for rear axle types: CT EV, RT EV, RT N

Oil seal front wheel hub

dph-no.	OEM-no.	application
70269	191 160-1	F86, FB86, F87, N86, NB86, N88, NB88 early production, front axle pressure 5 t also for rear axle hub to F83S
36375	944 667-5	F86, FB86, F88, FB88, G88, F89G89, F6S ch.3146-6499, F7*ch.-27087, F10*ch.-26821, F12*ch.-36736 N7*ch.-12099, N10*ch.-52439, N10BR MK2*, N12BR MK2*, N12*ch.-15169, B57, BB57, B58, B58BR B7F, B7FA ch.-10521, B9M**, B10M**, B10MBR**, B10R ch.-3906 *with front axle pressure 6,5 t ** with grease lubricated hubs

Oil seal front wheel hub, trailing wheel hub

dph-no.	OEM-no.	application
46716	1 089 552-2	
46810	1 587 792-1	
		FE615, FL616-619, FE7, FL7, FS7, FL10, FS10, FH12, F16, FH16, NL10S excl.6x4, NL12S excl.6x4, F7 ch.27088*, F10 ch.26822*, F12 ch.36764, N7 ch.12001*, N10 ch.52440*, N12 ch.15170*, B6 ch.865-4999, B7F, B7FA ch.10522-, B10R ch.3907-, B7, B9M, B10B, B10L, B10M, B10MBR, C10M, B12 *with front axle pressure 6,5 tons and all with 7,5/8 tons For trailing wheel hub to: F7, FL7, F10, FL10, F12, F16, B9M, B10M, B12 Size: 110x140x12/21 NBR *S-ride, air suspension

Oil seal inner, rear wheel hub

dph-no.	OEM-no.	application
98342	1 610 765-8 FPM	
		F86, FB86, F87, F88/FB88/G88 ch.36634, F89, G89, F7, FL7, F10, FL10, F12, FH12, F16, FH16, N86/NB86 late production N7, N10, N10BR MK2, NL10Austral., NL10BR, NL10S, N12, N12BR MK2, NL12Austral., NL12BR, NL12S, B57, BB57 ch.3405-7980, B58BR, B7 ch.30000-, B7F, B7FA, B9M, B10B, B10BLE, B10L, B10BR, B10R, C10M, B12, B58AUS, Olympian MK2 Size: 168x188/192,5x30 FPM B WD SP

Sealing kit outer, rear wheel hub

dph-no.	OEM-no.	application
80969	3 090 331-4	
		F84-86, FB86, F87-88, FB88, G88, F89, G89, F6S ch.-6871, FL618-619 chid. B115391-, F7, FL7, FS7, F10, FL10, F12, FH12, F16, FH16, FL12, N84, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10Austral., NL10BR, NL10S, N12, N12BR MK2, NL12Austral., NL12BR, NL12S, B54, B57, BB57, B58, B58BR, B59, B7 ch.30000-, B7F, B7FA, B9M, B12BR, B10B, B10BLE, B10L, B10M, B10MBR, B10R, C10M, B12B Olympian MK2

Oil seal, trailing wheel hub

dph-no.	OEM-no.	application
37598	1 610 765-8	
		F7 ch.19746-, F10 ch.20877-, FL10, F12 ch.22915-, FH12, F16, FH16, N10 ch.46316-, NL10S, N12 ch.8780-, NL12S Nitrile version – must only be used on trailing axles Size: 168x188/192,5x30 ACM WD

Oil seal kit rear axle hub reduction

dph-no.	OEM-no.	application
36587	273 394-7	 <p>F88, FB88, G88, F89, G89, N88, NB88, N10 ch.-56683, N10BR MK2, NL10BR, N12 ch.-18480, N12BR MK2, NL12BR, B58BR, B10MBR for rear axles: N1 80, N1 81, N2 81, N1 82, N2 82, N1 87, N2 87</p>

Oil seal rear axle hub reduction

dph-no.	OEM-no.	application
37599	1 522 372-0	 <p>FL7, F10, FL10, F12, FH12, F16, FH16, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, NL12Australia, NL12BR, NL12S, B9M, B10M Portugal spec. S-4621 for rear axles: N3 71, N3 72, N4 71 Size: 140x164x20/23,5 FPM SP</p>

Wear ring rear axle hub, trailing wheel hub

dph-no.	OEM-no.	application
61171	944 670-9	 <p>For real wheel hub: F6S up to chassis No.-6871 for trailing wheel hub: F7 ch.-19745, F10 ch.-20876, F12 ch.-22914, N7*ch.-12000, N10*ch.-17289, N12*ch.-8779 *with disc wheels</p>


Lock washer rear wheel hub, trailing wheel hub

dph-no.	OEM-no.	application
46729	191 179-1	 <p>F84-86, FB86, F87-88, FB88, G88, F89, G89, F6S, FE615, FL616-619, F7, FE7, FL7, FS7, F10, FL10, F12, FH12, F16, FH16, N84, N86, NB86, N88, NB88, N7, N10, N10BR MK2, NL10Aust., NL10BR, NL10S, N12, N12BR MK2, NL12Aust., NL12BR, NL12S, B54-55, B57, BB57, B58, B58BR, B59, B7, B7F, B7FA, B9M, C10M, B10B, B10BLE, B10L, B10M, B10R, B10R, B12, B12BR Olympian MK2</p>

Tab washer front wheel hub, steering knuckle

dph-no.	OEM-no.	application
46730	1 575 525-9	 <p>F86, FB86, F87-88, FB88, F89, G89, F6S ch.3146-early production, F7, FL10, F10 ch.-26821*, F12 ch.-36763*, N7 ch.-5847-12099*, N10 ch.-52439*, N10BR MK2, N12 ch.-15169*, B57, BB57, B58, B58BR, B59, B7F, B7FA, B9M/B10M ch.-11499** *front axle pressure 6,5 t/7 t **also for steered trailer axle up to chassis No.-20000 thickness: 2 mm</p>

O-ring rear axle hub


dph-no.	OEM-no.	application
80523	948 767-9	 FL7, F10, N10, FL10, F12, FH12, FL12, F16, FH16, N10, N10BR MK2, NL10 Australia, NL10BR, NL10S, N12, N12BR MK2, NL12 Australia, NL12BR, B10M special S-4621 Portugal for rear axles with hub reduction Size: 248x3 NBR 70

Gasket kit steering gear

dph-no.	OEM-no.	application
96162	271 524-1	 N7, N10, N12, F7, F10, F12 for steering gear: ZF no. 8045 955 109 Volvo 250182-3 ZF no. 8045 955 131 Volvo 250194-8 ZF no. 8045 955 141 Volvo 250202-9 ZF no. 8045 955 143 Volvo 250205-2
81933	271 561	
81955	276 140-1	
81490	270 171-2	 ZF steering UTV 20,2 F7, F10, F12, F16 Front axle load 6,5/6,7 tons LHD
81505	271 567-0	 N7 - CH 12000, N10 - CH 49000, N12 - CH 305999
70385	271 525-8	 ZF steering gear F7, F10 - CH 25000, F12 - CH 34000, N7 - CH 12000, N10 - CH 49000, N12 - CH 12000, B10

Gasket kit steering gear

dph-no.	OEM-no.	application
81498	271 560-5	ZF steering gear UTV 23,6 F7, F10, F12, F16 Front axle load 6,5/6,7 tons LHD




Wheel accessory kit

dph-no.	OEM-no.	application
82324	968 012-5	Rear FL4, FL608-611 Size: 100x120x12 NBR AS
94317	968 013-3	Front FL612-614 FAT 5.0 FAT 5.6 Size: 110x130x12 NBR AS





Seal ring

dph-no.	OEM-no.	application
81992	967 852-5	Size: 47,35x1,78 NBR 70 front/rear axle



O-ring for hub cap

dph-no.	OEM-no.	application
61565	925 261-0	For front and trailing wheel hub cap to: F86, FB86, F87, F88, FB88, G88, F89, G89, FE6, FL616-619, F7, FE7, FL7, FS7, F10, FL10, F12, FH12, FL12, F16, FH16, N86, NB86, N7, N10, N10BR MK2, NL10 Australia, NL10BR, NL10S, N12, N12BR MK2, NL12 Australia, NL12BR, NL12S, B57, BB57, B58, B58BR, B59, B6 ch.-4999, B7, F7F, B7FA, B9M, B10B, B10L, B10M, B10MBR, B10R, C10M, B12, B12BR also for brake valve to: F4, F6, F10 ch.- 40640, F12 ch.-65820, N7 ch.-12000, N10 ch.-49000, N12 ch.-12000, B58, B58BR ch.-304120, B59, B6 ch.-4999, B9M/B10M ch.-20000, B20R, C10M Size: 109,5x3 NBR 70



Bogie lift parts

● Plastic bearing bogie

dph-no.	OEM-no.	application
48454	1 581 543-4	F7, FL7, F10, FL10, F12, FH12, F16, FH16, N10, N10BR MK2, NL10Austr., NL10BR, NL10S, N12, N12BR MK2, NL12Austr., NL12BR, NL12S F88/G88 6x2 ch. LD41345-, RHD41580-



● Bolt bogie roller

dph-no.	OEM-no.	application
61172	363 908-5	FB86 late production, F88/G88 LHD/ch.41345- RHD/ ch.41580- F89/G89 late production, F7, FL7, F10, FL10, F12, F16, N7, N10, NL10S, N12, NL12S 6x2, 8x2



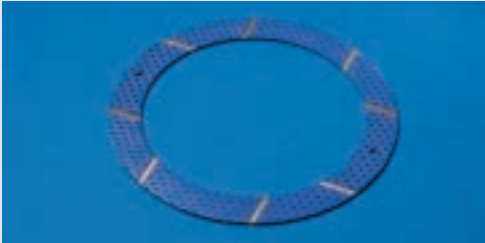
● Bushing balance arm bogie suspension

dph-no.	OEM-no.	application
48689	1 590 885-8	FB86 late production, F88/G88 LHD/ch.41345- RHD/ch.41580- F89/G89 late production, F7, FL7, F10, FL10, F12, FH12, F16, N7, N10, NL10S, N12, NL12S 6x2, 8x2



● Thrust washer balance arm bogie suspension

dph-no.	OEM-no.	application
48690	1 593 431-8	FB86 late production, F88/G88 LHD/ch.41345- RHD/ch.41580- F89/G89 late production, F7, FL7, F10, FL10, F12, FH12, F16, N7, N10, NL10S, N12, NL12S 6x2, 8x2



Oil seal balance arm bogie suspension

dph-no.	OEM-no.	application
51729	945 538-7	 FB86 late production, F88/G88 LHD/ch.41345- RHD/ch.41580- F89/G89 late production, F7, FL7, F10, FL10, F12, FH12, F16, N7, N10, NL10S, N12, NL12S 6x2, 8x2

Gasket kit bogie lift cylinder

dph-no.	OEM-no.	application
70222	273 404-4	 F86, FB86, F87, F88/FB88/G88 ch.30001-, F89, G89 early production for SOERLING bogie lift
51731	273 712-0	 F86, FB86, F87, F88/FB88/G88 ch.30001-, F89, G89 late production F7, FL7, F10, FL10, F12, F16, N7, N10, NL10S, N12, NL12S alternative 1 for cylinder ref.Nr.: 1505636-9
51732	276 110-4	 FL7*, F10 ch.314000-*, FL10*, F12 ch.314000-*, FL12, FH12, F16*, FH16, N10 ch.306000-*, NL10S*, N12 ch.306000-*, NL12S* *alternative 2 for cylinder ref.Nr.: 1698818-0, 1698819-8

Front and rear suspension parts

Shackle pins front spring

dph-no.	OEM-no.	application
48350	1 614 229-1	 <p>F88, FB88, G88, F89, G89, F7, FL7, F10, FL10, F12, FH12, F16, FH16, N88/NB88 bogie spring ch.23107-, N7, N10, N10BR MK2, NL10 AUS, NL10BR, NL10S, N12, N12BR MK2, NL12AUS, NL12BR, NL12S</p>
48351	1 614 230-9	 <p>F7, FL7, F10, FL10, F12, FH12, F16, FH16, N7, N10, N10BR MK2, NL10AUS, NL10BR, NL10S, N12, N12BR MK2, NL12AUS, NL12BR, NL12S</p>


Shackle pin rear spring

dph-no.	OEM-no.	application
61169	1 609 960-8	 <p>F86/FB86/F87 LHD ch.20654-, RHD ch.21109-, F88/FB88/G88 LHD ch.41345-, RHD ch.41580-, F89/G89 ch.6998-, F7, FL7, F10, FL10, F12, FH12, F16, FH16, N7, N10, NL12S, N10BR MK2, NL10S, N12 6x2, 8x2</p>

Shackle pin (bolt) rear spring

dph-no.	OEM-no.	application
46796	1 598 764-7	 <p>For front end of the spring to: F7, FL7, F10, FL10, F12, F16 4x2 semi</p> <p>For sliding block to: F7, F10 ch.-40640, F12 ch.-65820, 4x2, 6x2 with air suspension</p>

Shackle pin (bolt) rear spring, rear end

dph-no.	OEM-no.	application
46797	1 598 766-2	 <p>4x2 semi</p> <p>FL7*, FL10*, F10**, F12**, FL12*, F16**</p> <p>*with soft single parabolic springs **with parabolic springs</p>

Shackle bushing rear spring

dph-no.	OEM-no.	application
48349	1 608 019-4	<p>4x2 semi with parabolic springs to: FL7, F10 ch. 25001-, FL10, F12 ch. 34001-, FL12, F16</p> <p>4x2 semi with air suspension to: F10 ch. 25001-40640, F12 ch. 34001-65820 Inner bushing</p>



Shackle bushing spring

dph-no.	OEM-no.	application
51730	1 586 089-3	
46726	1 610 110-7	



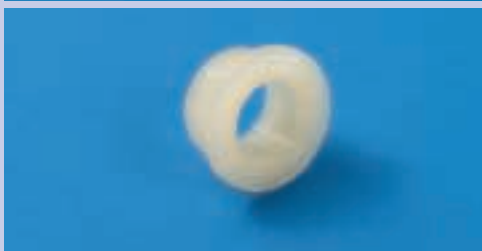
Spring washer

dph-no.	OEM-no.	application
48352	941 916-9	For nut: 961997-4



Plastic bushing front anti-roll bar

dph-no.	OEM-no.	application
46798	1 611 551-1	FL616-619 ch.457577-, F7 ch.16718-, FL7, FS7, F10 ch.19713-, FL10, F12 ch.19782- F16, N7 ch.10904-, N10 ch.39080-, N10BR MK2 ch.604498-, NL10Australia, NL10BR, NL10S, N12 ch.8289-, N12BR MK2 ch.604498-, NL12Australia, NL12BR, NL12S
46799	1 589 807-5	FL616-619 ch.457577 with leaf springs, F7 ch.16718-, FL7 ch.384649-, 562050, 906412-, FS7, FL10 ch.-384649, F10 ch.19713-, F12 ch.19782-, F16, N7 ch.10904-, N10 ch.39080-, N10BR MK2 ch.604498-, NL10Australia, N12 ch.8289-, N12BR MK2 ch.604498-NL12Australia, NL12BR, NL12S, B7ch.20000- also for rear anti roll bar to FL608-611 air suspension B6 ch.5000- length 22,5 mm



Rubber bushing rear anti-roll bar

dph-no.	OEM-no.	application
48361	1 580 010-5	 <p>LOWER bushing F86/FB86/F87 ch.32700- track 1820, F89/G89 Switzerl., F7, FL7, F10, FL10, F12, F16, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, N12Australia, NL12BR, NL12S 4x2, 4x4 K1D, K2D, P2D, P2DL, P2DR</p>
48319	1 580 009-7	 <p>UPPER bushing F86/FB86/F87 ch.32700- track 1820, F89/G89 Switzerl., F7, FL7, F10, FL10, F12, F16, N7, N10, N10BR MK2, NL10Australia, NL10BR, NL10S, N12, N12BR MK2, N12Australia, NL12BR, NL12S 4x2, 4x4 K1D, K2D, P2D, P2DL, P2DR</p>
46800	1 609 768-5	 <p>FL7, F10 fr. chassis No.39135-, FL10, F12 fr.chassis No.61305-, F16 FL12, FL16, NL10S, NL12S 4x2 P2, P2L</p>
46801	1 587 261-7	 <p>FL7, F10 fr.chassis No.25001-, FL10, F12 fr.chassis No.34001-, F16 FL12, NL10S, NL12S 4x2 P2, P2L length 26 mm</p>
51554	1 575 339-5	 <p>F86, FB86, F87, F7, FL7, F10, FL10, F12, FH12, F16, FH16, N7, N10, N10BR MK2, NL10S, N12, NL12S 6x2, 8x2, 6x4, 8x4 with leaf spring</p>
80967	1 605 182-3	 <p>UPPER bushing white FL7, F10 v. chassis No..25001-, FL10, F12 v.chassis No..34001-, FH12, F16, FH16 4x2, 6x2, 6x4, 8x4 with air suspension inner diam. 55 mm</p>
80966	1 605 047-8	 <p>LOWER bushing black FL7, F10 fr. chassis No.25001-, FL10, F12 fr.chassis No..34001-, FH12, F16, FH16 4x2, 6x2, 6x4, 8x4 with air suspension inner diam. 60 mm</p>

Rubber bushing rear anti-roll bar

dph-no.	OEM-no.	application
80968	1 607 561-6	<p>LOWER bushing yellow</p> <p>FL7, F10 fr.chassis No.25001-, FL10, F12 fr.chassis No.34001-, FH12, F16, FH16 4x2, 6x2, 6x4, 8x4 with air suspension inner diam. 65 mm</p>



Rubber bushing

dph-no.	OEM-no.	application
48077	1 134 962-8	<p>F84, F85, F86, FB86, F87, F88, FB88, G88, F88, G89, FL4, F6, FE6, F6S, F6,FE7, FL7,FS7, F10, FL10, F12, FL12, F16, N84, N86, N88, NB88, N7, N10, N10BR MK2, NL10 Australia, NL10BR, NL10S, N12, N12BR MK2, NL12 Australia, NL12BR, NL12S, B54, B57, BB57, B58BR, B6, B7, B7F, B7FA</p>
70031	3 028 447-5	
61078	3 028 448-3	
61079	3 028 449-1	
95142	1 598 588	









Sleeve anti-roll bar





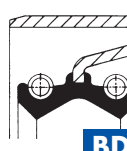

dph-no.	OEM-no.	application
61582	1 625 954-1	 <p>For front anti roll bar to: FL608-615, FL616-619 ch.457577-, F7 ch.16718-, FL7, FS7, F10 ch.19713-, FL10, F12 ch.19782-, F16, N7ch.10904-, N10 ch.39080-, N10BR MK2 ch.604498-, NL10Australia, NL10BR, NL10S, N12 ch.8289-, N12BR MK2 ch.604498-NL12Australia, NL12BR, NL12S, B7 ch.20000-</p> <p>for rear antiroll bar to: FL608-615 ch.473176-with leaf springs F616-619 with leaf springs, FS7 with leaf springs, B6 ch.5000-</p>
61583	1 588 445-5	 <p>FL7, F10 ch.25001-, FL10, FL12 F12 ch.34001-, F16, NL10S, NL12S</p> <p>4x2 semi P2P2L</p>

Bushing V-stay

dph-no.	OEM-no.	application
93466	1 075 255-8	 <p>For air suspension</p> <p>For V-stay front suspension to: B10B, B10BLE, B9M/B10M ch.-20001-, B12</p> <p>for V-stay rear suspension to: F7, FL7, F10 ch.25001-, FL10, F12 ch.34001-, FH12, FL12, F16, FH16, NL10BR 6x2, NL12 BR 6x2 ch.635001-, B9M, B10M</p>

Overview of most popular oil seal types acc to DIN 3760/3761

Application	Description
 A	rubber version with single lip
 AS	rubber version with sealing and dust lip
 AD	rubber version with 2 lips and 2 springs
 AW	rubber version with sealing lip and corrugated profile
 ASW	rubber version with sealing lip and dust lip and corrugated profile
 A/B	seal with combined elastomer/ metal outer cover

Application	Description
 B	metal cased open
 BS	metal cased open with dust lip
 C	metal cased closed
 CS	metal cased closed with dust lip
 BD	metal cased open with 2 lips
 A/BS	seal with combined elastomer/ metal outer cover with dust lip

Abbreviations at „style“

FL	Washer
PR	Profile seal
OR	O-Ring
WR	Oil seal

Complimentary definitions

RD	Right hand helix
LD	Left hand helix
WD	Double helix
SF	Special design
OF	Without spring
V	Reinforced seal lip
LA	With sealant film
W	Corrugated profile
SP	Special

Abbreviations at „mat“ (material)

ACM	Polyacryl rubber	PTFE	Polyterafluorethylen
FPM	Fluor rubber (Viton)	HNBR	Hydrogenated NBR
MVQ	Silicone rubber	AL	Aluminium
NBR	Nitril rubber	CU	Copper
EPDM	Ethylen-Propylen-Dien-rubber	FE	Iron
		FZ	Felt

Standard terms and conditions

Standard Terms and Conditions of Trade and Delivery, as established by Dichtungspartner Hamburg GmbH, Ferdinand-Harten-Str. 15, 22949 Ammersbek, Germany, hereafter referred to as "dph":

Application

The terms and conditions set out below form part of all contracts for services, supplies and quotations by dph. Sales shall be made solely on the basis of the terms and conditions below. Ancillary agreements and amendments shall only be deemed valid if in writing.

If our contracting partner has its own terms and conditions which differ from dph's terms and conditions, we shall only be bound by the aforementioned terms and conditions of the contracting partner if we specifically accepted them in writing on conclusion of the contract. We hereby specifically state that we shall not accept a counter-confirmation by the customer with reference to its own terms and conditions.

Quotations

All quotations are subject to change. We shall not be bound by any arrangements made orally, by telegraph or telephone until we have issued a written confirmation. Any details given in brochures, advertisements, etc., including prices, shall not be binding until specifically agreed in writing.

Prices

Our prices are given in euros (EUR) ex works and exclude German VAT. Prices exclude postage/delivery, packing and insurance.

Delivery

1. Prices are given ex works. Unless free delivery has been agreed, the purchaser shall bear the costs associated with dispatch/shipment. It shall also bear costs ex delivery destination. Freight refunds are not granted. The goods shall be insured only if the customer so requests in writing, and insurance shall be at the customer's expense.
2. Collection and dispatch of the goods ex works or distribution warehouse is in all cases at the customer's risk.
3. We reserve the right to charge a minimum-quantity flat rate or a minimum cost-contribution flat rate for small orders.
4. In the case of blanket/call orders, we are entitled to procure the material for the whole order and to manufacture the entire quantity ordered immediately. Any change requests by the customer cannot be accepted after the order has been placed, unless this was specifically agreed.

Payment

1. Our invoices are payable in euro (EUR).
2. Invoiced amounts are payable (free of dispatch costs and other expenses) within 14 days after invoice date less 2% discount, or within 30 days after invoice date without deduction. Default interest is payable at the rate of 8% above the base interest if payment is late.
3. Cheques shall be regarded as cash payments, provided they have been sent to us in sufficient time that they can be cashed within the above payment periods.
4. Only payments made at the place of performance have the effect of discharging obligations. Payments made to employees of our company shall only discharge obligations if such employees have the appropriate collecting power (Inkassovollmacht).
5. If it becomes apparent after conclusion of the contract that our claim to payment may be in jeopardy because the customer is not able to discharge its obligations, then any other debt claims we have shall become due and payable immediately. In this event, we are entitled to make any remaining deliveries subject to payment in cash or the provision of security. This will not affect any further legal claims.
6. The customer may only set off payments against counterclaims which we have accepted or which have the authority of a final court judgment. This also applies to the retention of payments.

Tools and equipment

Tools and equipment which we manufacture or engage a third party to manufacture shall be our property, even if our customer pays part of the manufacturing costs.

Packaging

Paper packaging shall be subject to the lowest-possible charge. Chests, crates, barrels, sacks and other types of packaging shall be invoiced and, if returned freight-paid and in good condition within 4 weeks after receipt of the delivery, a credit note will be issued for 2/3 of the amount charged. In the event that a rail company classifies a delivery as inadequately packed, this may not be used against us.

Periods of delivery

1. The periods of delivery shall begin when all details of the order have been explained, however, not before the purchaser has fulfilled any contractual obligations which must be performed beforehand. The delivery date is deemed to have been met if the goods have left the warehouse by the end of such date or, if the delivery is delayed for reasons not attributable to us, on notification that the goods are ready for dispatch within the agreed period of delivery.
2. The delivery obligation is subject to the condition that dph has been supplied correctly and in due time by its suppliers.
3. Partial deliveries within the agreed time and quantities are permissible and may be invoiced separately.
4. If any acts of force majeure, industrial disputes or their consequences or other events which are outside the scope of our control delay the performance of our delivery obligation, regardless of whether they affect us or our sub-contractors, the period of delivery shall be extended by the length of such delay. Both parties shall have the right to cancel the contract if the delivery later becomes impossible or unreasonable for one of the parties due to an event of the above nature.
5. The purchaser is entitled to terminate the contract, in accordance with the legal provisions, in the event of delay or if delivery is impossible for reasons attributable to us. If the delivery is delayed and if the purchaser thereby suffers loss, it is entitled to demand a lump-sum amount as compensation for the delay. Such compensation shall be, for each full week of delay, 0.5% of the value of that portion of the total delivery which, as a result of the delay, cannot be used on time or in accordance with the contract, up to a maximum of 5% of such value.
6. If delivery is delayed at the purchaser's request, the purchaser shall be charged the costs of storage, commencing 2 weeks after notification that delivery is ready, subject to a minimum charge of 1% of the invoice amount for each week.

Tolerances

Any recommendations we give as to the use of our products are made to the best of our knowledge. The purchaser is at all times under an obligation to satisfy itself by means of its own enquiries that the goods delivered are suitable for the intended purpose. Deviations from samples and earlier deliveries are permissible if they do not affect quality and use. We reserve the right to deviations in quantity of $\pm 10\%$.

Complaints and liability for defects

1. Immediately after receipt, the purchaser must inspect the goods and give written notification promptly, or no later than within 10 days after receipt, of any obvious visible defects, incorrect quantities or incorrect deliveries, specifying the defect. In the case of latent defects, it must do this within 10 days after discovery of the defect.
2. If there are defects, we guarantee as follows: We shall, at our discretion, replace free of charge or repair all parts which prove to be unusable or whose use is not inconsiderably affected as a result of circumstances existing before risk was transferred.

3. The purchaser is entitled to rescission of the contract or to a reduction in price if we allow a reasonable extension of time for post-performance or repairs to elapse without resolving the defect, or if more than one attempt at post-performance or repair does not resolve the defect. If we deliver a defect-free item for the purpose of supplementary performance, or if the purchaser rescinds the contract, then it must pay value-related compensation for the benefit derived. The value of the benefit derived shall be determined by pro rata temporis straight-line depreciation in the ratio between the actual period of use and the estimated useful life.
4. The statutory limitation period of 2 years shall apply to notification of defects under Section 437 BGB (Bürgerliches Gesetzbuch – German Civil Code).
5. The provisions below under "General Liability" shall apply to liability to pay compensatory damages for liability for defects.

General liability

1. Without prejudice to the provisions under point 5 of "Periods for delivery", claims for damages of any kind in connection with and apart from liability for defects are excluded – for delay or impossibility, for breach of other contractual obligations, for mistakes on conclusion of the contract, for tort or for any other legal reason, in particular also for damages which do not occur to the items delivered themselves. There shall only be liability where there is intentional conduct, gross negligence, culpable injury to life, limb or health, defects which we have fraudulently concealed, on assumption of a warranty made regarding the existence of any specific feature or for defects in the items delivered, to the extent that there is liability under product liability laws for material damage to privately used items and for personal injury.
2. We shall also be liable for culpable breach of essential contractual obligations. However, provided there is no gross fault, such liability shall be limited to damage which is deemed typical as regards this type of contract and reasonably foreseeable.

Returns

Returns which are not based on a legal claim shall only be accepted, carriage paid, with our express written consent. As compensation for the costs incurred on any return, we shall retain from the credit note a corresponding reduction in the net invoiced value of the goods, subject to a minimum of 20% of the net invoiced value of the goods.

Reservation of title

1. The goods delivered shall remain our property until all outstanding amounts owed to us in connection with the business relationship, including incidental expenses, have been paid. If operating an open account, the property subject to the reservation of title shall be deemed to be security for our current account.
2. If our goods are combined or mixed with other goods which do not belong to us, we shall have joint ownership in the new object or the mixed item in proportion to the invoice value of the goods subject to the reservation of title compared with the value of the other combined or mixed goods at the time they were combined or mixed. If, as a result of combination, the purchaser acquires sole ownership in the new item, it hereby assigns to us joint ownership in the new item in proportion to the invoice value of our goods subject to the reservation of title compared with the value of the other combined goods remaining at the time they were combined, and shall keep such item in custody for us using the care of a prudent merchant.
3. Resale of the goods delivered, even if combined or mixed, is only permitted to resellers in the usual course of business and subject to the reservation of title and only if the debt claim arising from the resale is assigned to us. The purchaser may not pledge the goods as collateral nor transfer ownership therein by way of security, nor may it agree on a non-assignment clause. The purchaser must notify us immediately if there is any pledge or any other third-party action which may affect our rights.
4. The purchaser hereby assigns to us in advance any outstanding debts owed to it from the resale or for any other legal reason in respect of the goods we have supplied, both existing and arising in future as soon as they come into being. We accept such assignment. The value of the goods subject to the

reservation of title shall be our invoice amount plus a security premium of 10% which shall however not apply if third-party rights present an obstacle to this. If our goods are resold after they have been combined or mixed with other goods, or if the new item which arises through combination is resold, the claim against the purchaser's customer will be assigned in the amount of the invoice value of our processed, combined or mixed item, or up to the amount which corresponds to our share in the joint property, if this is lower.

5. The purchaser is entitled to collect the debt claims assigned provided that it duly fulfils its payment obligations to us.
6. If the value of the security assigned to us exceeds our debt claims by more than 10% in total, we are under an obligation to release the securities of our choice upon request by the purchaser. Ownership in the goods subject to the reservation of title and the assigned debt claims shall pass to the customer on payment of all our debt claims in connection with the business relationship.

Property rights

If we have made our supplies in accordance with drawings, models, samples or other documents provided by the purchaser, the purchaser guarantees that third-party property rights are not breached. If a third party claims in such a case that we are breaching a property right, e.g. through the manufacture or supply of the goods, then we shall be entitled, without further inspection, to discontinue our activity subject to our other rights. The purchaser undertakes to notify us immediately if there are any risks of breach or alleged cases of breach as soon as they become known.

Place of performance, jurisdiction, applicable law, general

1. The place of performance for deliveries and payments is Ammersbek. The courts of Ahrensburg will have jurisdiction for any disputes with traders or with people who do not have a legal domicile within Germany – even in the cases involving bills of exchange and cheques. We are also entitled, at our discretion, to bring an action against the purchaser before the courts which have jurisdiction in the place where the purchaser has its head office.
2. German law will apply to the contractual relationship. The provisions of UN sales of goods law will not apply.
3. The latest version of Incoterms 2000 will apply if clauses defined in the Incoterms are agreed.

Data storage

As required by Section 28 of the Bundesdatenschutzgesetz (Federal Data Protection Act - BDSG), we draw attention to the fact that the data necessary for the purposes of our business will be processed and stored using data processing equipment in accordance with Section 33 of the BDSG. The purchaser agrees that we may use the data obtained from our business relationship with it, in accordance with data privacy provisions, only for our own business purposes.

Severability and concluding provision

If any individual provisions of these Terms and Conditions should be void, this shall not affect the validity of the remaining provisions. Any provision which is void will be replaced by a valid provision which comes as close as possible to the purpose sought by the void provision. This is an English translation of the original Standard Terms and Conditions. In the event of any conflict or inconsistency between the English translation and the German original, the German original shall prevail. Neither the Company nor the Language Professional can accept liability for any direct, indirect, special, consequential or other losses or damages arising out of erroneous translations. Only the German version shall be deemed authoritative.

Date: June 2004

We supply gaskets and other spare parts worldwide



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