

SPARE PARTS CATALOGUE

Brand: NANNI DIESEL

Model: Moteur T4.165 T4.180 T4.200

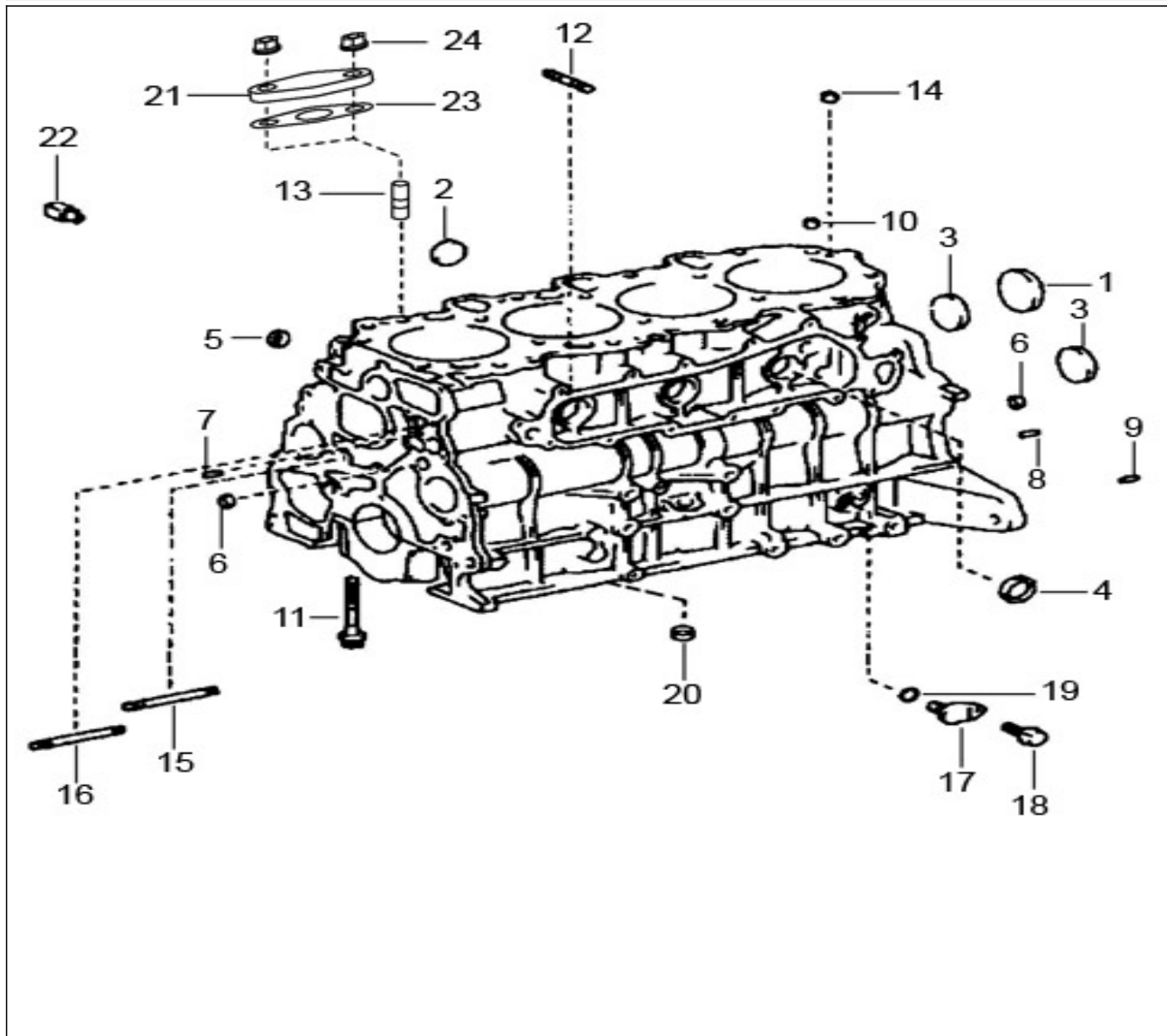
Version: Standard

Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Crank case / Cylinders



N.	Item	Description	Qty	Notes
1	970312033	CAP, FREEZE	1	
2	970312034	PLUG	3	
3	970312035	CAP, SEALING	2	
4	970312036	CAP, SEALING	3	
5	970312037	CAP, SEALING	1	
6	970312038	CAP, FREEZE	2	
7	970312097	PIN, STRAIGHT	2	
8	970312040	PIN, STRAIGHT	2	
9	970312120	PIN, STRAIGHT	2	
10	970312042	PIN, RING	2	
11	970312043	BOLT	10	
12	970312044	STUD	2	
13	970314147	BOLT, STUD	2	
14	970312045	OIL DUCT, CYLINDER BLOCK	1	
15	970312046	STUD	3	
16	970312044	STUD	2	
17	970312051	PLUG, HOLE	1	
18	970314136	BOLT, FLANGE	1	
19	970314154	RING, O	1	
20	970312058	CAP, SEALING	1	
21	970312055	PLATE, WATER SEAL	1	
22	970312053	PLUG, CYLINDER BLOCK HOLE	1	
23	970312259	GASKET	1	
24	970312294	NUT	2	

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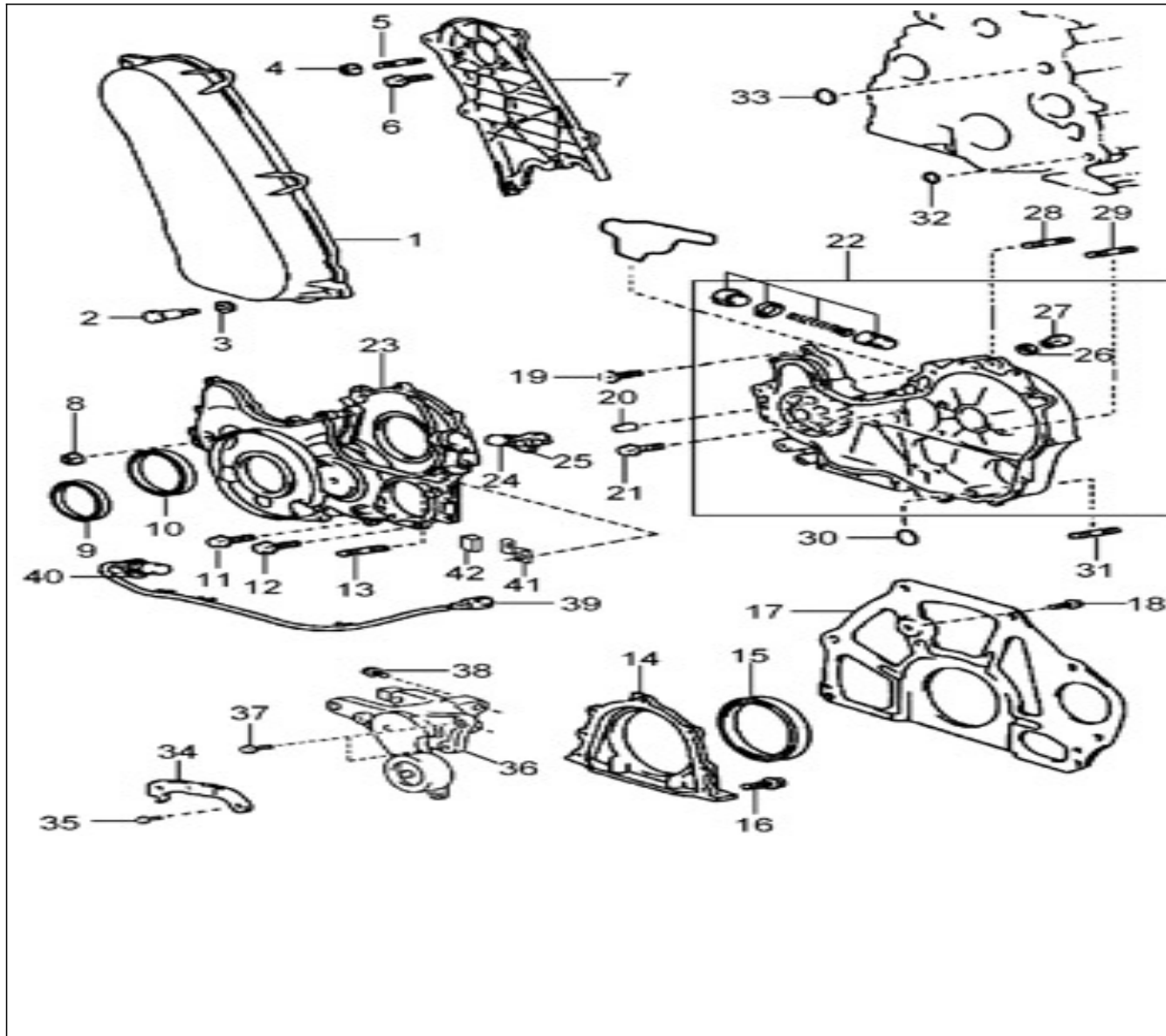
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Timing case



N.	Item	Description	Qty	Notes
1	970313946	COVER, TIMING BELT No.1 - [COVER, TIMING BELT]	1	
2	970314091	BOLT	6	
3	970312573	WASHER, SEAL	6	
4	970314097	NUT	1	
5	970314148	BOLT, STUD	1	
6	970312080	BOLT, WASHER BASED HEAD HEXAGO	4	
7	970313945	COVER, TIMING BELT No.2	1	
8	970312061	NUT	2	
9	970312082	GASKET	1	
10	970314102	SEAL, TYPE T OIL (FOR TIMING - CHAIN OR BELT COVER)	1	
11	970312084	BOLT	4	
12	970312251	BOLT	10	
13	970312100	STUD	2	
14	970312087	RETAINER, OIL SEAL	1	
15	970312088	GASKET	1	
16	970312251	BOLT	5	
17	970313947	PLATE, REAR END	1	
18	970314131	BOLT, FLSNGE	1	
19	970312210	BOLT, W/WASHER	8	
20	970312097	PIN, STRAIGHT	1	
21	970312092	BOLT, UNION	1	
22	970313943	CASE ASSY, TIMING GEAR	1	
23	970313944	COVER, TIMING GEAR	1	
24	970314124	SENSOR, CRANK POSITION(FOR G1)	1	
25	970314131	BOLT, FLSNGE	1	
26	970314026	GASKET, OIL PUMP RELIEF VALVE	1	
27	970314106	PLUG, W/HEAD STRAIGHT SCREW - (FOR TIMING GEAR	1	
28	970314146	BOLT, STUD	1	
29	970312100	STUD	2	
30	970312094	O RING	1	
31	970312584	BOLT, STUD (For timing gear cas - e)	2	
32	970312101	O-RING - GEAR CASE	1	
33	970312102	O RING	1	
34	970313960	BRACKET, ALTERNATOR	1	
35	970314142	BOLT, FLANGE	1	
36	970314038	TENSIONER ASSY, V-RIBBED BELT	1	
37	970314139	BOLT, FLANGE	2	
38	970314140	BOLT, FLANGE	2	
39	970314125	SENSOR, CRANK POSITION(FOR NE)	1	
40	970314132	BOLT, STUD	1	
41	970314082	BRACKET, WIRING HARNESS CLAMP	1	
42	970314081	CLAMP, WIRING HARNESS	1	

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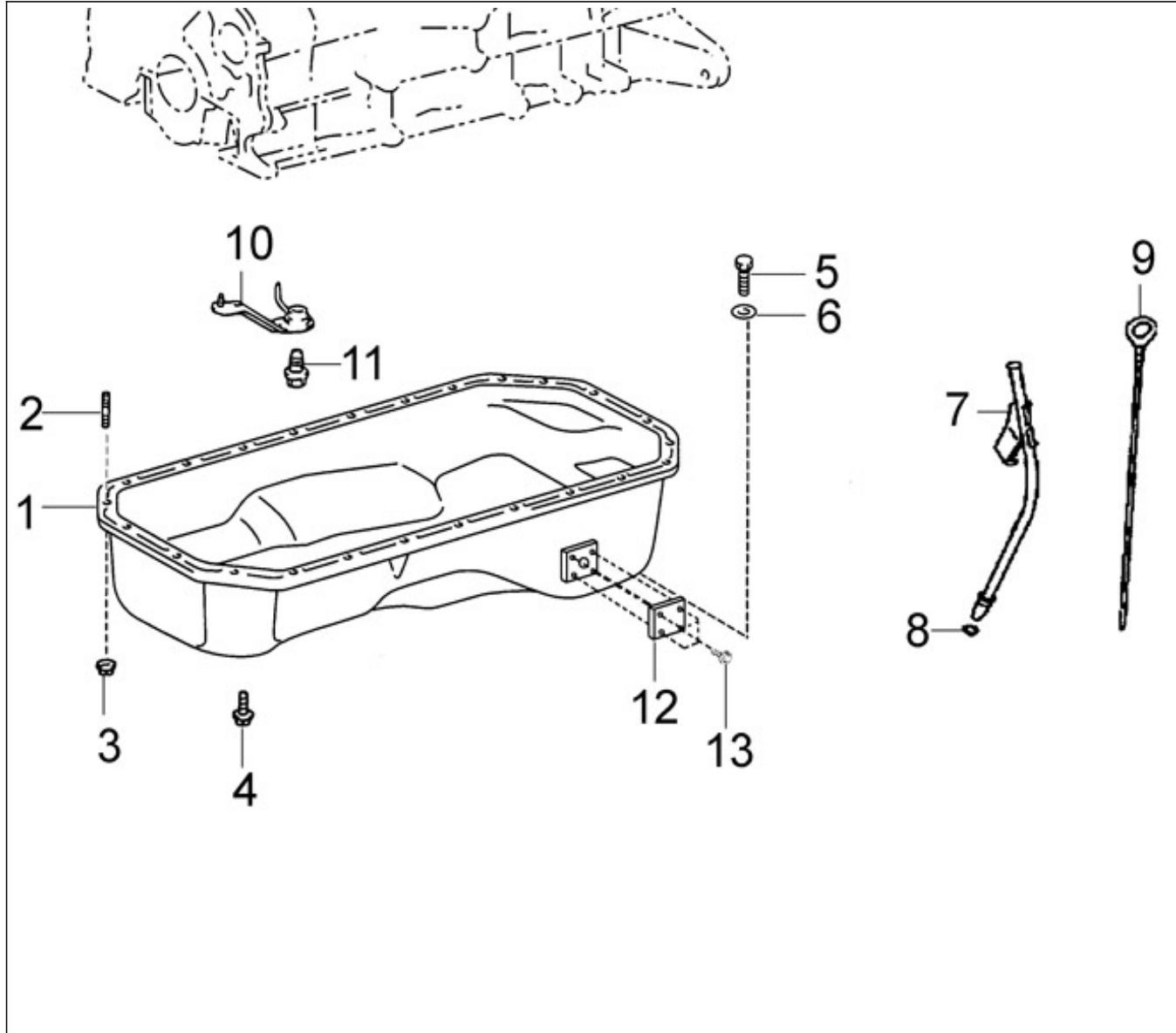
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Oil pan

N.	Item	Description	Qty	Notes
1	970313956	PAN SUB-ASSY, OIL	1	
2	970312060	STUD	2	
3	970312061	NUT	2	
4	970312062	BOLT, W/WASHER	22	
5	970312063	PLUG, W/HEAD STRAIGHT SCREW	1	
6	970312064	GASKET	1	
7	970313948	GUIDE SUB-ASSY, OIL LEVEL GAGE	1	
8	970312101	O-RING - GEAR CASE	1	
9	970314027	GAGE SUB-ASSY, OIL LEVEL	1	
10	970312068	NOZZLE SUB ASSY, OIL, N°1	4	
11	970312070	VALVE SUB ASSY, OIL CHECK	4	
12	970313957	PLUG, OIL PAN	1	
13	970314145	BOLT, W/WASHER	4	

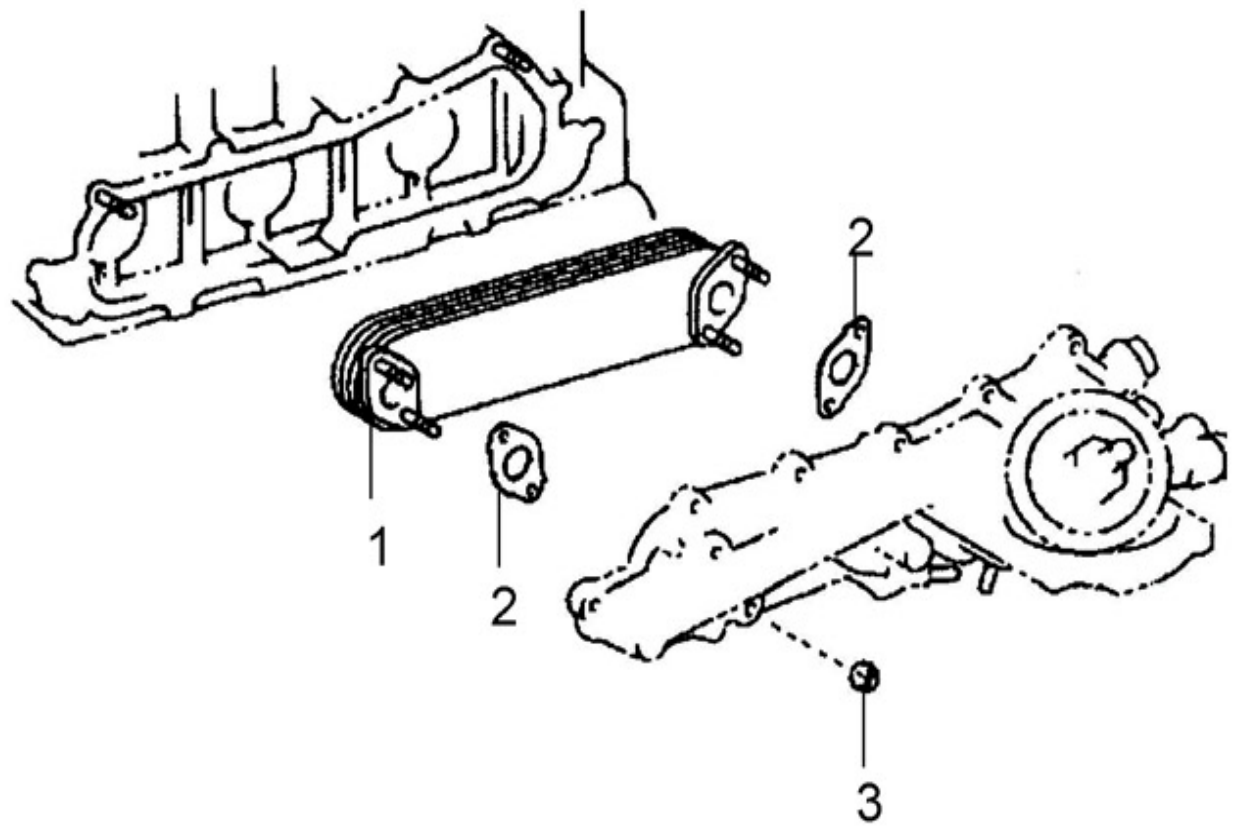


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Brand: NanniDiesel
 Model: Moteur T4.165 T4.180 T4.200
 Version: Standard
 Subassembly: Oil cooler

N.	Item	Description	Qty	Notes
1	970314032	COOLER ASSY, OIL	1	
2	970312219	GASKET	2	
3	970312677	NUT	4	



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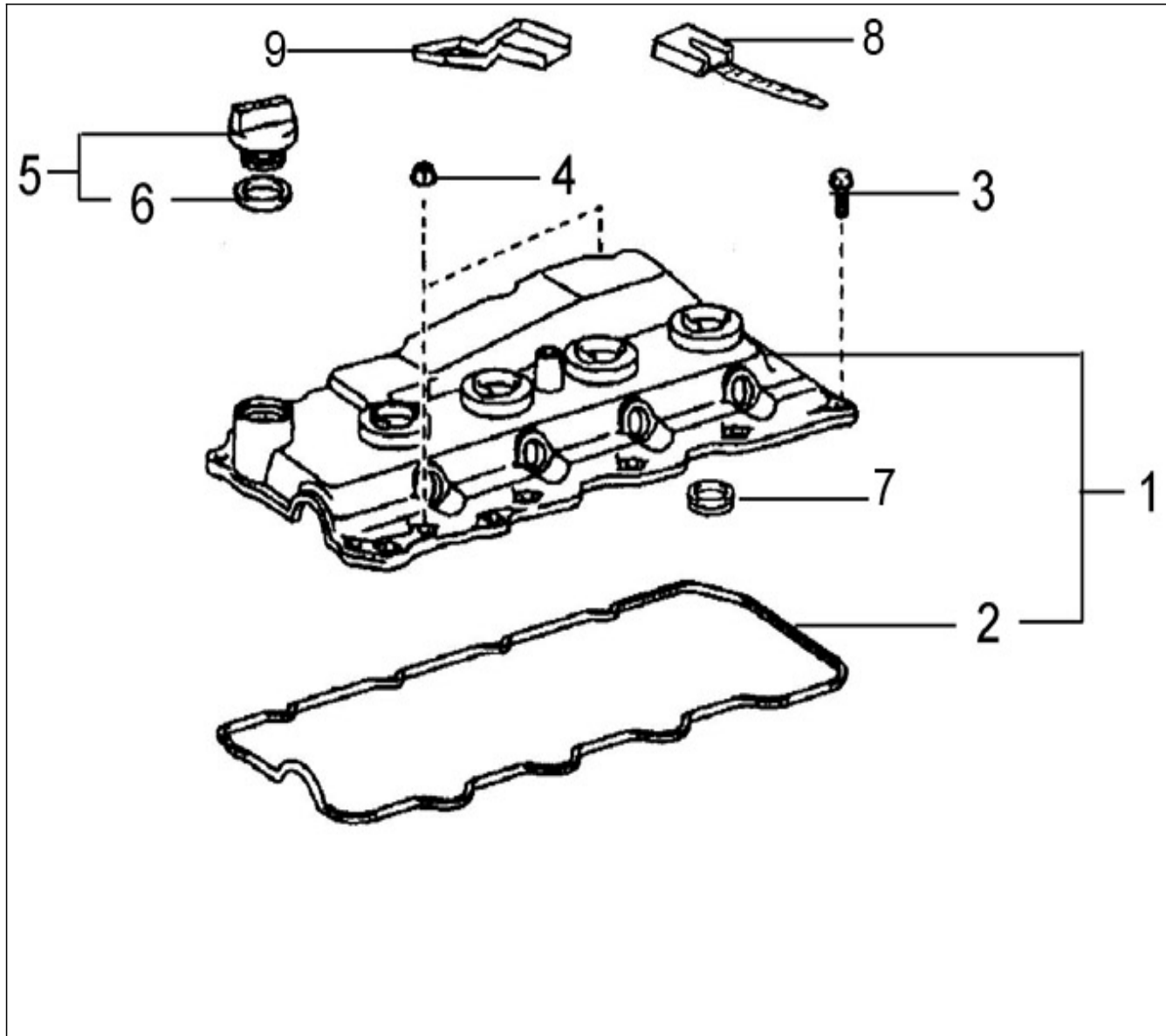
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Cylinder head cover



N.	Item	Description	Qty	Notes
1	970313941	COVER SUB-ASSY, CYLINDER HEAD	1	
2	970313942	GASKET, CYLINDER HEAD COVER	1	
3	970314129	BOLT, FLANGE	10	
4	970314096	NUT	2	
5	970312005	PLUG	1	
6	970312006	GASKET	1	
7	970314058	GASKET, CYLINDER HEAD, COVER, - No.3	4	
8	970314080	CLAMP, WIRING HARNESS	1	
9	970314083	BRACKET, WIRING HARNESS CLAMP	1	

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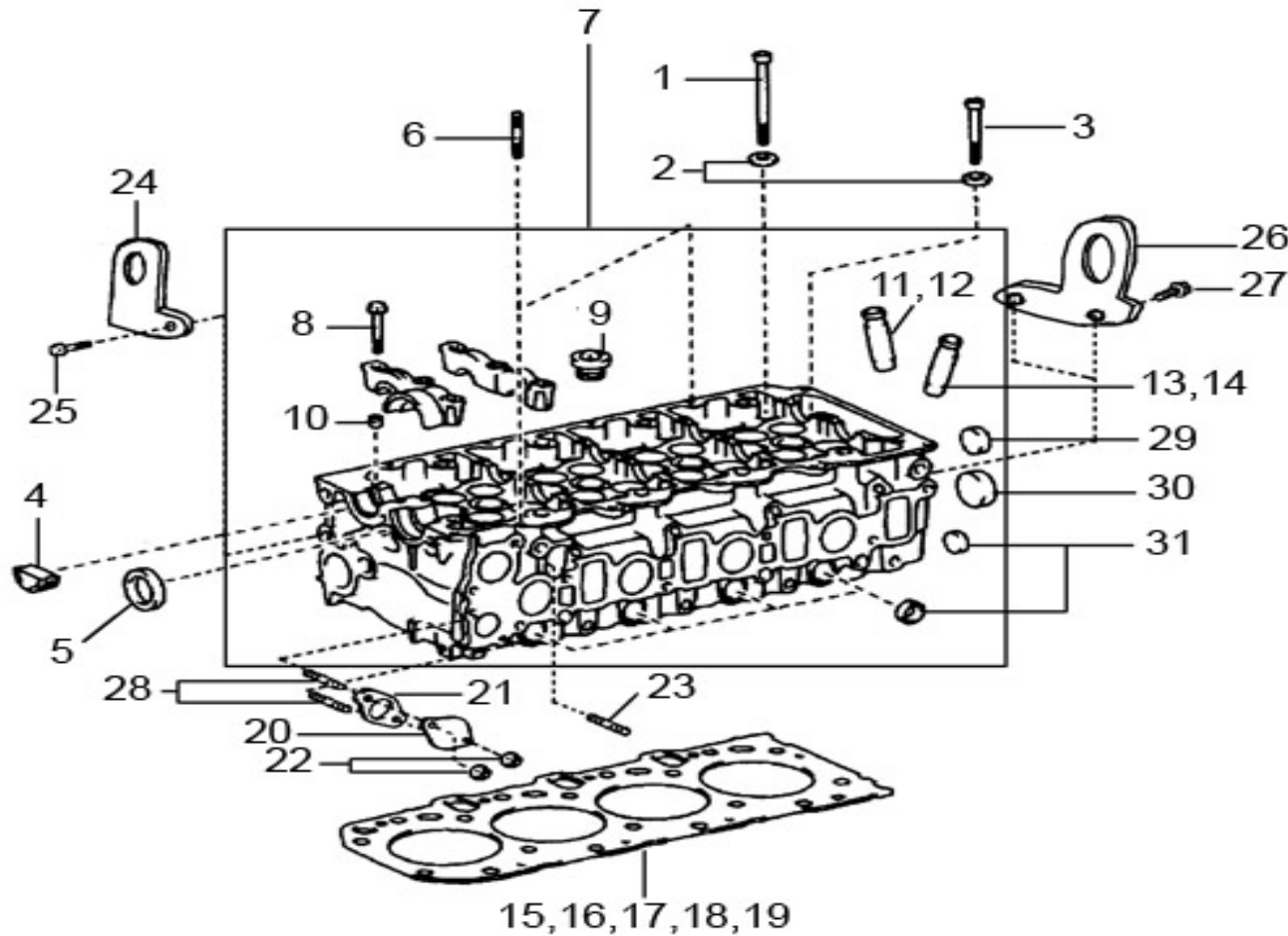
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Cylinder head



N.	Item	Description	Qty	Notes
1	970314120	BOLT (FOR CYLINDER HEAD SET)	10	
2	970312008	WASHER	18	
3	970314119	BOLT (FOR CYLINDER HEAD SET)	8	
4	970312009	HALF PLUG	1	
5	970312078	GASKET	1	
6	970314092	BOLT, STUD (FOR HEAD - TO CYLINDER HEAD COVER)	2	
7	970313932	HEAD SUB-ASSY, CYLINDER	1	
8	970314095	BOLT (FOR HEAD TO CAMSHAFT - BEARING CAP)	15	
9	970314105	PLUG, W/HEAD STRAIGHT SCREW, - No.1	4	
10	970312018	PIN, RING	4	
11	970313938	BUSH, INTAKE VALVE GUIDE [STD]	8	
12	970313939	BUSH, INTAKE VALVE GUIDE - [O/S 0.05]	8	
13	970313938	BUSH, INTAKE VALVE GUIDE [STD]	8	
14	970313939	BUSH, INTAKE VALVE GUIDE - [O/S 0.05]	8	
15	970313933	GASKET, CYLINDER HEAD	1	
16	970313934	GASKET, CYLINDER HEAD	1	
17	970313935	GASKET, CYLINDER HEAD	1	
18	970313936	GASKET, CYLINDER HEAD	1	
19	970313937	GASKET, CYLINDER HEAD	1	
20	970314070	PLATE, EGR HOLE COVER	1	
21	970314071	GASKET, EGR INLET	1	
22	970314097	NUT	2	
23	970314149	BOLT, STUD	2	
24	970313958	HANGER, ENGINE, No.1	1	
25	970314133	BOLT, FLANGE	1	
26	970313959	HANGER, ENGINE, No.2	1	
27	970314130	BOLT, FLANGE	2	
28	970314148	BOLT, STUD	2	
29	970312015	CAP, FREEZE	1	
30	970312034	PLUG	2	
31	970312037	CAP, SEALING	5	

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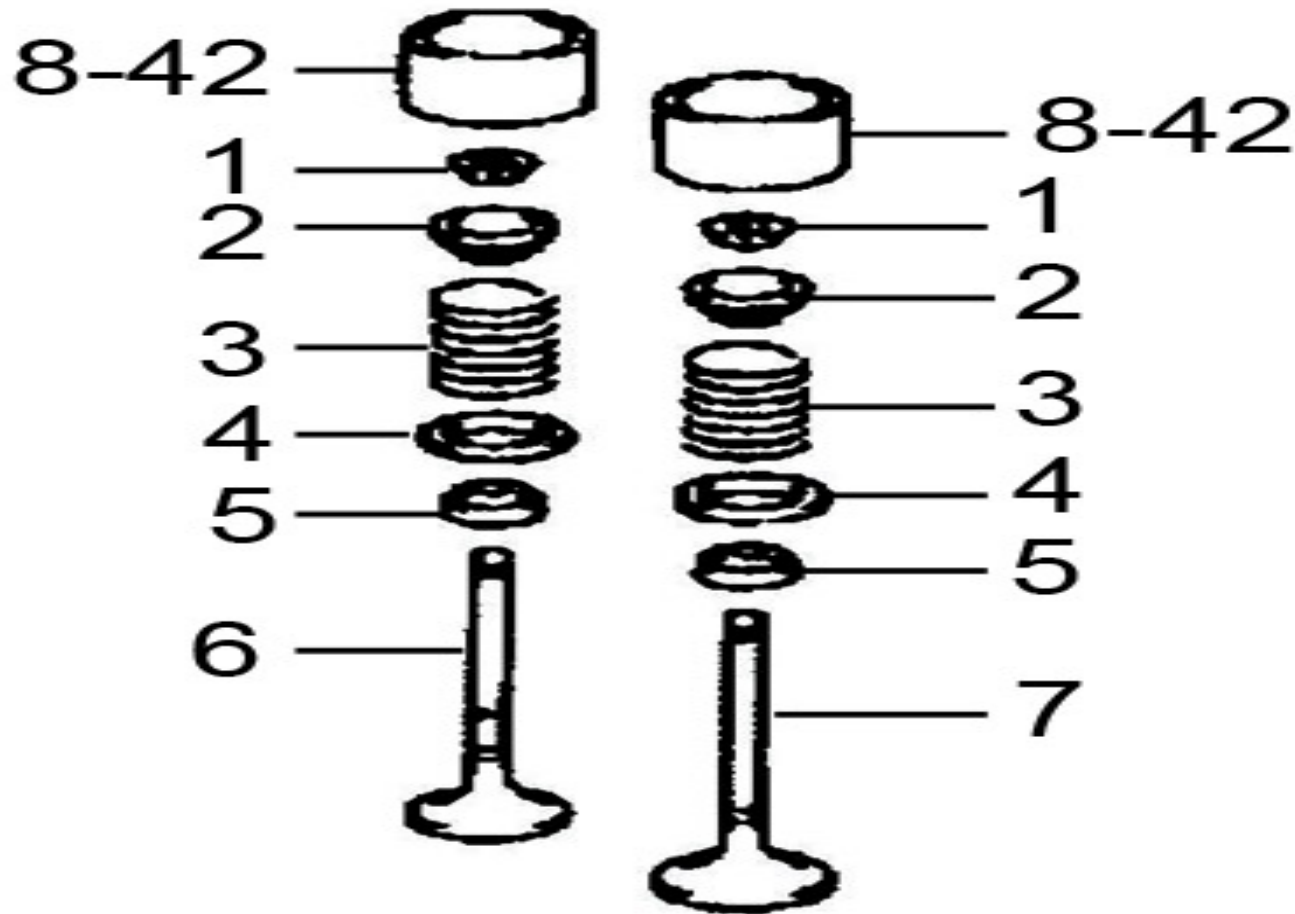
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Valves & Springs



N.	Item	Description	Qty	Notes
1	970314122	LOCK, VALVE SPRING RETAINER	32	
2	970313990	RETAINER, VALVE SPRING	16	
3	970314118	SPRING, COMPRESSION (FOR INNER	16	
4	970314100	WASHER, PLATE (FOR VALVE - SPRING SEAT)	16	
5	970314121	SEAL, VALVE STEM OIL - (FOR VALVE STEM OIL)	16	
6	970313989	VALVE, EXHAUST	8	
7	970313988	VALVE, INTAKE	8	
8	970313991	LIFTER, VALVE (T=5.06)	16	
9	970313992	LIFTER, VALVE (T=5.08)	16	
10	970313993	LIFTER, VALVE (T=5.10)	16	
11	970313994	LIFTER, VALVE (T=5.12)	16	
12	970313995	LIFTER, VALVE (T=5.14)	16	
13	970313996	LIFTER, VALVE (T=5.16)	16	
14	970313997	LIFTER, VALVE (T=5.18)	16	
15	970313998	LIFTER, VALVE (T=5.20)	16	
16	970313999	LIFTER, VALVE (T=5.22)	16	
17	970314000	LIFTER, VALVE (T=5.24)	16	
18	970314001	LIFTER, VALVE (T=5.26)	16	
19	970314002	LIFTER, VALVE (T=5.28)	16	
20	970314003	LIFTER, VALVE (T=5.30)	16	
21	970314004	LIFTER, VALVE (T=5.32)	16	
22	970314005	LIFTER, VALVE (T=5.34)	16	
23	970314006	LIFTER, VALVE (T=5.36)	16	
24	970314007	LIFTER, VALVE (T=5.38)	16	
25	970314008	LIFTER, VALVE (T=5.40)	16	
26	970314009	LIFTER, VALVE (T=5.42)	16	
27	970314010	LIFTER, VALVE (T=5.44)	16	
28	970314011	LIFTER, VALVE (T=5.46)	16	
29	970314012	LIFTER, VALVE (T=5.48)	16	
30	970314013	LIFTER, VALVE (T=5.50)	16	
31	970314014	LIFTER, VALVE (T=5.52)	16	
32	970314015	LIFTER, VALVE (T=5.54)	16	
33	970314016	LIFTER, VALVE (T=5.56)	16	
34	970314017	LIFTER, VALVE (T=5.58)	16	
35	970314018	LIFTER, VALVE (T=5.60)	16	
36	970314019	LIFTER, VALVE (T=5.62)	16	
37	970314020	LIFTER, VALVE (T=5.64)	16	
38	970314021	LIFTER, VALVE (T=5.66)	16	
39	970314022	LIFTER, VALVE (T=5.68)	16	
40	970314023	LIFTER, VALVE (T=5.70)	16	
41	970314024	LIFTER, VALVE (T=5.72)	16	
42	970314025	LIFTER, VALVE (T=5.74)	16	

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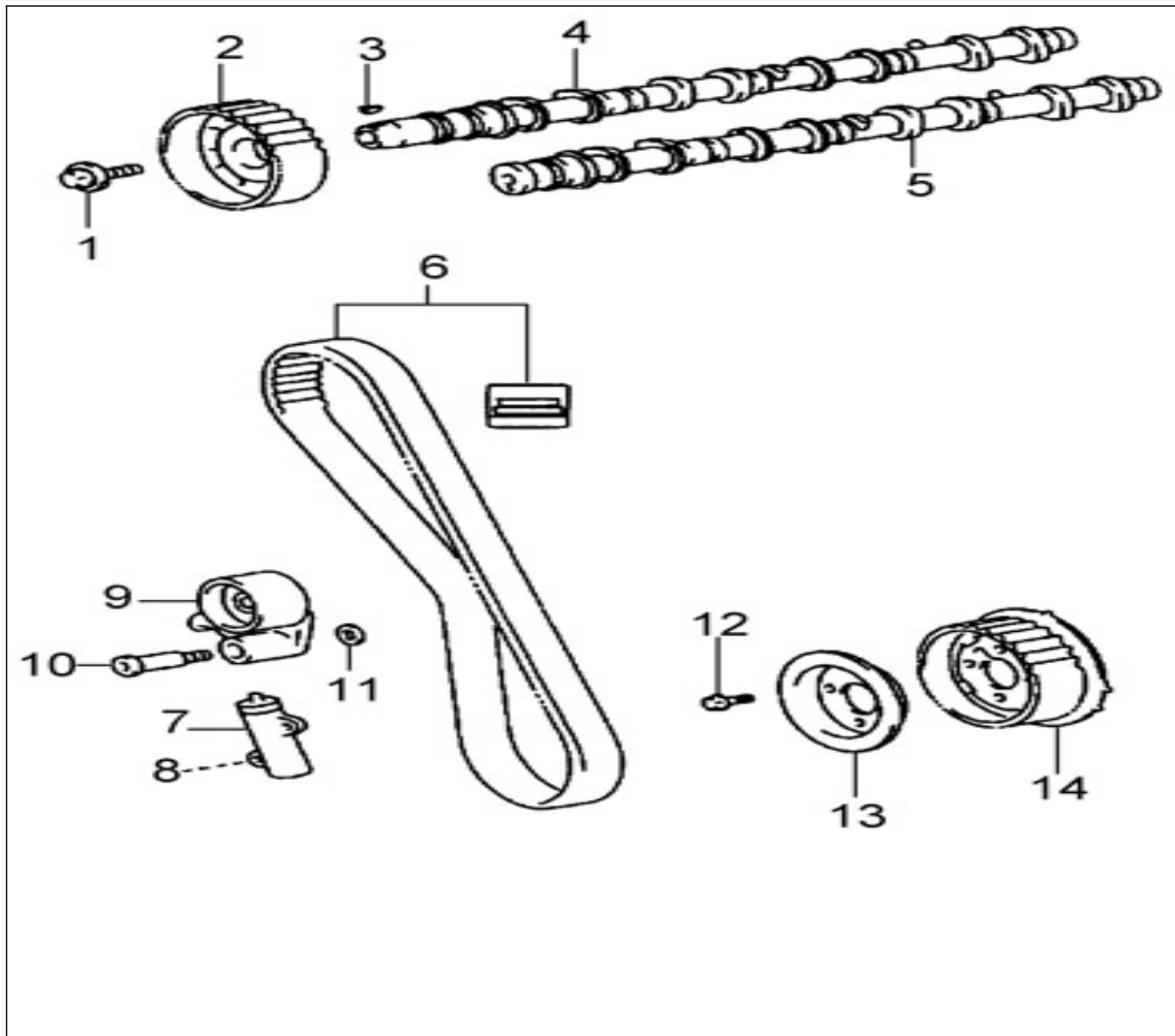
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Camshaft



N.	Item	Description	Qty	Notes
1	970312157	BOLT,WASHER	1	
2	970312638	PULLEY,CAMSHAFT TIMING	1	
3	970312159	KEY,WOOD RUFF	1	
4	970313980	CAMSHAFT SUB-ASSY, No.1	1	
5	970313981	CAMSHAFT SUB-ASSY, No.2	1	
6	970313985	BELT, TIMING	1	
7	970312162	TIGHTNER	1	
8	970314137	BOLT, FLANGE	2	
9	970312164	IDLER SUB ASSY, TIMING BELT	1	
10	970312165	SHAFT, TIMING BELT IDLER	1	
11	970312166	WASHER	1	
12	970312640	BOLT,WASHER BASED HEAD HEXAGON	4	
13	970313986	FLANGE, CAMSHAFT TIMING - PULLEY, No.2	1	
14	970313984	PULLEY, PUMP DRIVE SHAFT	1	
15	970315355	KIT COURROIE DE DISTRIBUTION + GALET TENDEUR M1KD	1	

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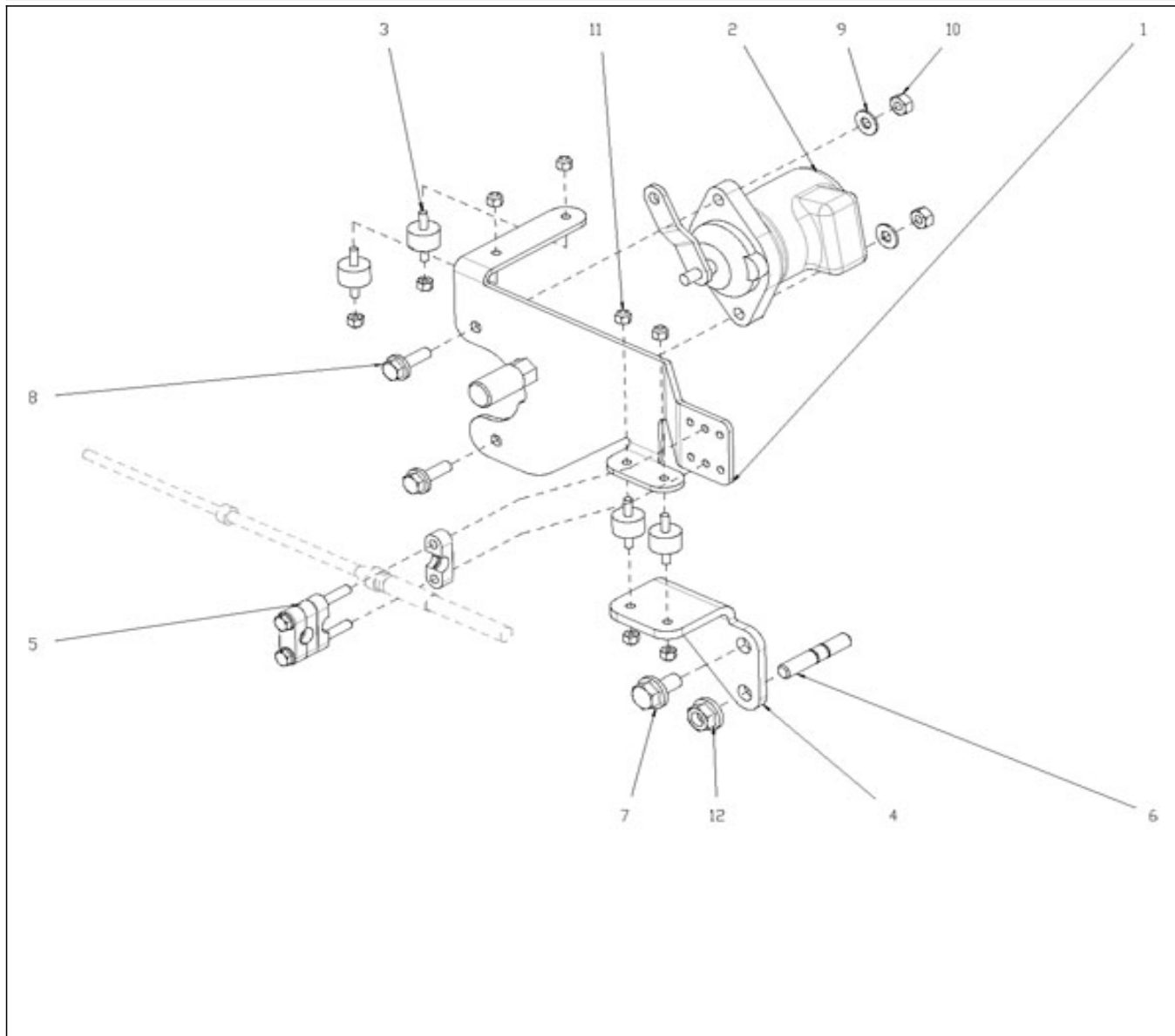
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Speed control



N.	Item	Description	Qty	Notes
1	95310846	SUPPORT,THROTTLE	1	
2	970314079	ACCELERATOR	1	
3	970312775	Insulator M/M, M4	4	
4	95310690	Throttle sensor Sub Bracket	1	
5	970311089	DOUBLE CONTROL THROTTLE	1	
6	970300374	STUD,M 8X 30 (+++FIX TENDEUR)	1	
7	39160661	BOLT (+++SUPPRIMER LA VIS DU MONTAGE STANDARD)	1	
8	39160659	BOLT	2	
9	970635459	WASHER,PLAIN D 6 (CALAGE)	2	
10	970635460	NUT,M 6	2	
11	39360919	Nut,lock, M4	8	
12	39460916	NUT (+++FIX ECHANGEUR)	1	

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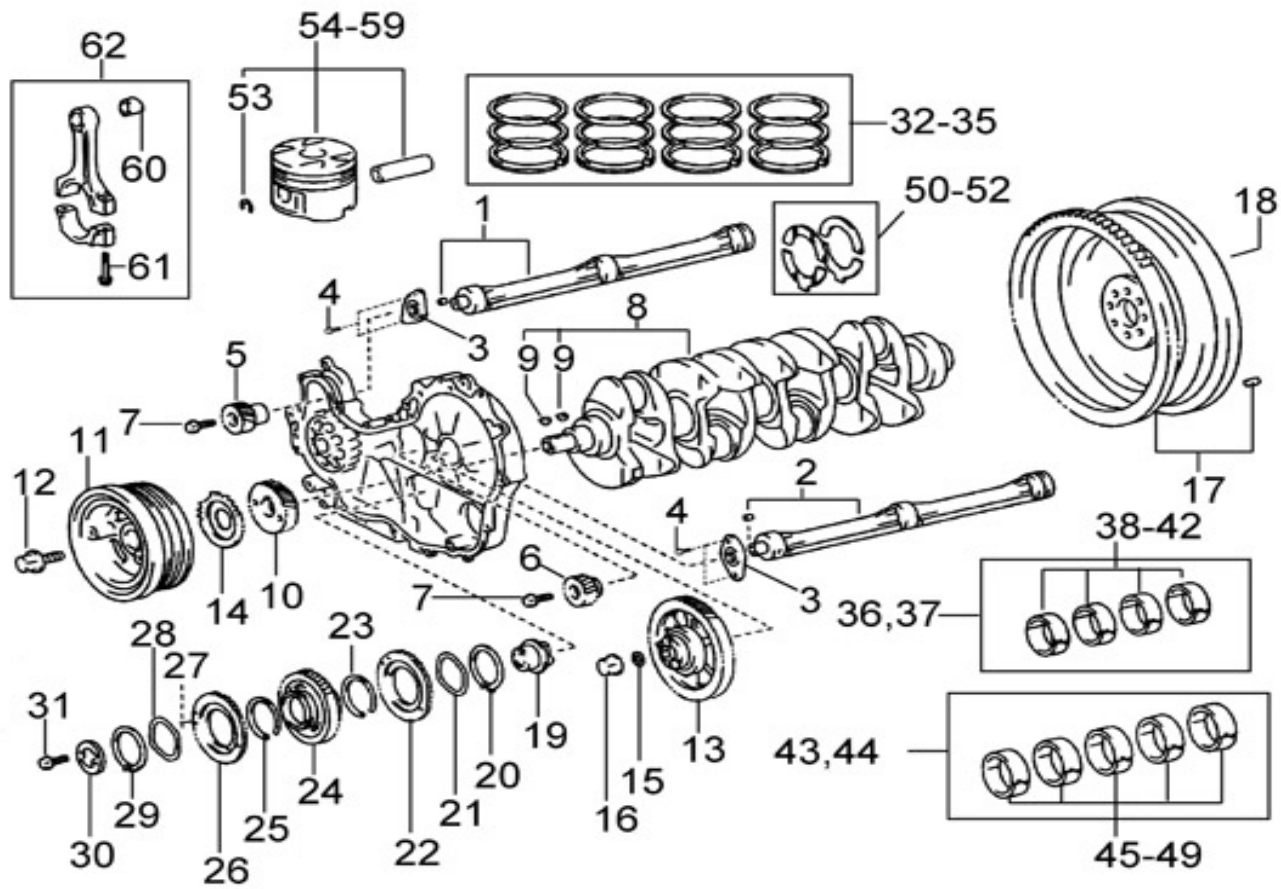
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Crankshaft pistons



N.	Item	Description	Qty	Notes
1	970312103	ASSY SHAFT, BALANCER N°1	1	
2	970312104	ASSY SHAFT, BALANCER N°2	1	
3	970312105	WASHER, BALANCER SHAFT THRUST	2	
4	970314135	BOLT, FLANGE	4	
5	970312107	GEAR BALANCER SHAFT DRIVEN, N°	1	
6	970312108	GEAR BALANCER SHAFT DRIVEN, N°	1	
7	970314134	BOLT, FLANGE	2	
8	970312110	CRANKSHAFT SUB ASSY	1	
9	970312111	KEY	2	
10	970312112	GEAR CRANKSHAFT TIMING	1	
11	970313979	PULLEY SUB-ASSY, CRANKSHAFT	1	
12	970312114	BOLT, W/WASHER	1	
13	970313987	GEAR SUB-ASSY, SUPPLY PUMP - DRIVE	1	
14	970314048	PLATE, CRANK ANGLE SENSOR	1	
15	970312117	O RING	1	
16	970312118	NUT,CAP	1	
17	970312119	FLYWHEEL SUB-ASSY	1	
18	970312121	BOLT,WASHER BASED HEAD EXAGON	8	
19	970312156	SHAFT,IDLE GEAR	1	
20	970312149	RING	1	
21	970312151	WASHER,WAVE	1	
22	970312154	GEAR,IDLE SUB,NO.2	1	
23	970312155	SPRING,IDLE GEAR	1	
24	970313983	GEAR SUB-ASSY, IDLE	1	
25	970312155	SPRING,IDLE GEAR	1	
26	970312153	GEAR	1	
27	970314144	BOLT, W/WASHER	1	
28	970312151	WASHER,WAVE	1	
29	970312149	RING	1	
30	970312148	PLATE,IDLE GEAR THRUST	1	
31	970312147	BOLT	2	
32	970313961	RING SET,PISTON (STD)	1	
33	970313962	RING SET,PISTON (O/S 0.5)	1	
34	970313963	RING SET,PISTON (O/S 0.75)	1	
35	970313964	RING SET,PISTON (O/S 1.0)	1	
36	970312126	BEARING CONNECTING ROD (MARK 2)	4	
37	970312127	BEARING CONNECTING ROD (MARK 3)	4	
38	970312128	BEARING CONNECTING ROD (MARK 4)	4	
39	970312129	BEARING CONNECTING ROD (MARK 5)	4	
40	970312130	BEARING,CONNECTING ROD (MARK 6)	4	
41	970312134	BEARING,CRANKSHAFT (MARK 2)	5	
42	970312134	BEARING,CRANKSHAFT (MARK 2)	5	
43	970312136	BEARING,CRANKSHAFT (MARK 4)	5	
44	970312137	BEARING,CRANKSHAFT (MARK 5)	5	
45	970312138	BEARING,CRANKSHAFT (MARK 6)	5	
46	970313929	WASHER SET, CRANKSHAFT THRUST - (STD)	1	
47	970313930	WASHER SET, CRANKSHAFT THRUST - (O/S 0.125)	1	
48	970313931	WASHER SET, CRANKSHAFT THRUST - (O/S 0.25)	1	
49	970312142	RING,SNAP	8	
50	970313970	PISTON SUB-ASSY,W/PIN - (STD MARK1)	4	
51	970313971	PISTON SUB-ASSY,W/PIN - (STD MARK2)	4	
52	970313972	PISTON SUB-ASSY,W/PIN - (STD MARK3)	4	
53	970313973	PISTON SUB-ASSY,W/PIN(O/S 0.5)	4	
54	970313974	PISTON SUB-ASSY,W/PIN - (O/S 0.75)	4	
55	970313975	PISTON SUB-ASSY,W/PIN(O/S 1.0)	4	

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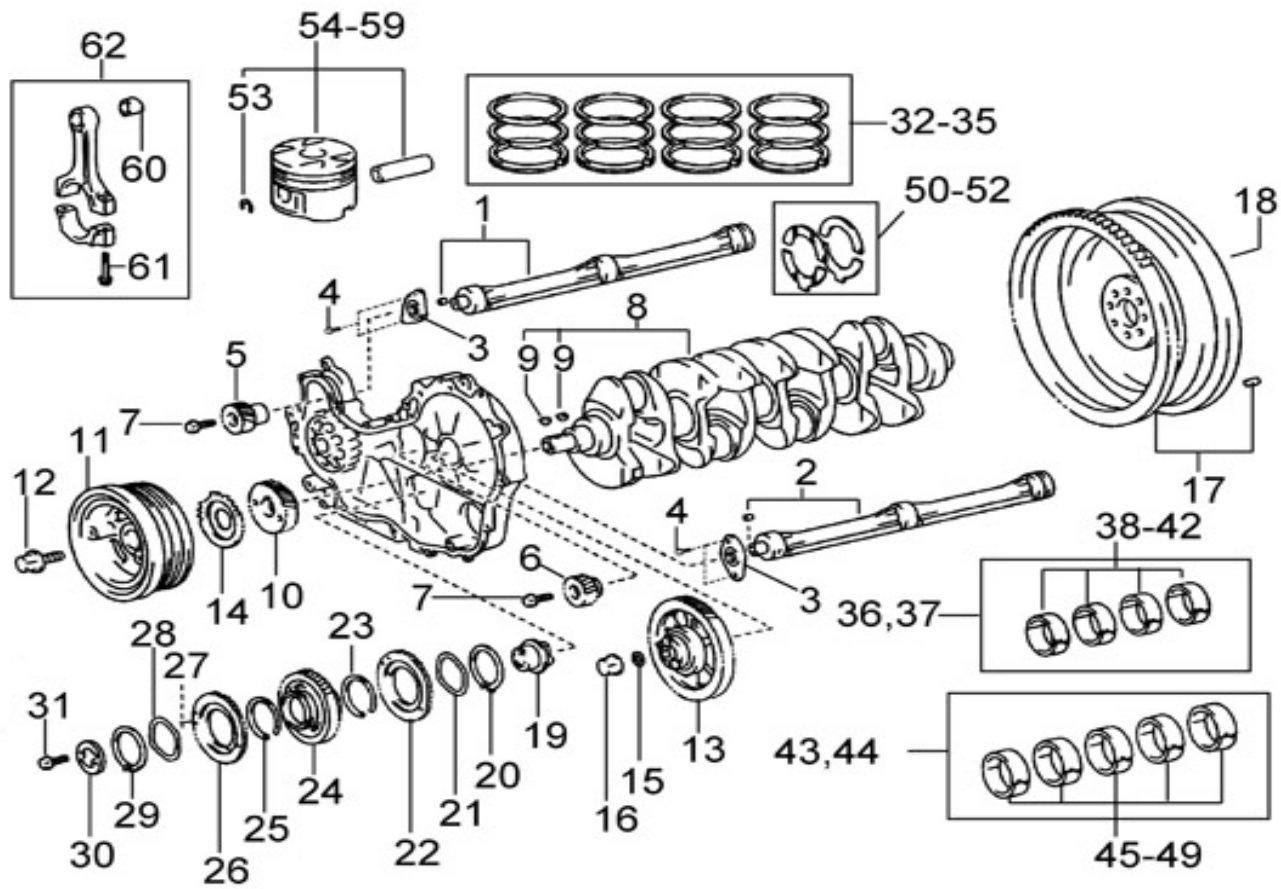
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Crankshaft pistons

N.	Item	Description	Qty	Notes
60	970314128	BUSH (FOR CONNECTING ROD SMALL - END)	4	
61	970313181	BOLT	8	
62	970313976	ROD SUB-ASSY, CONNECTING	4	



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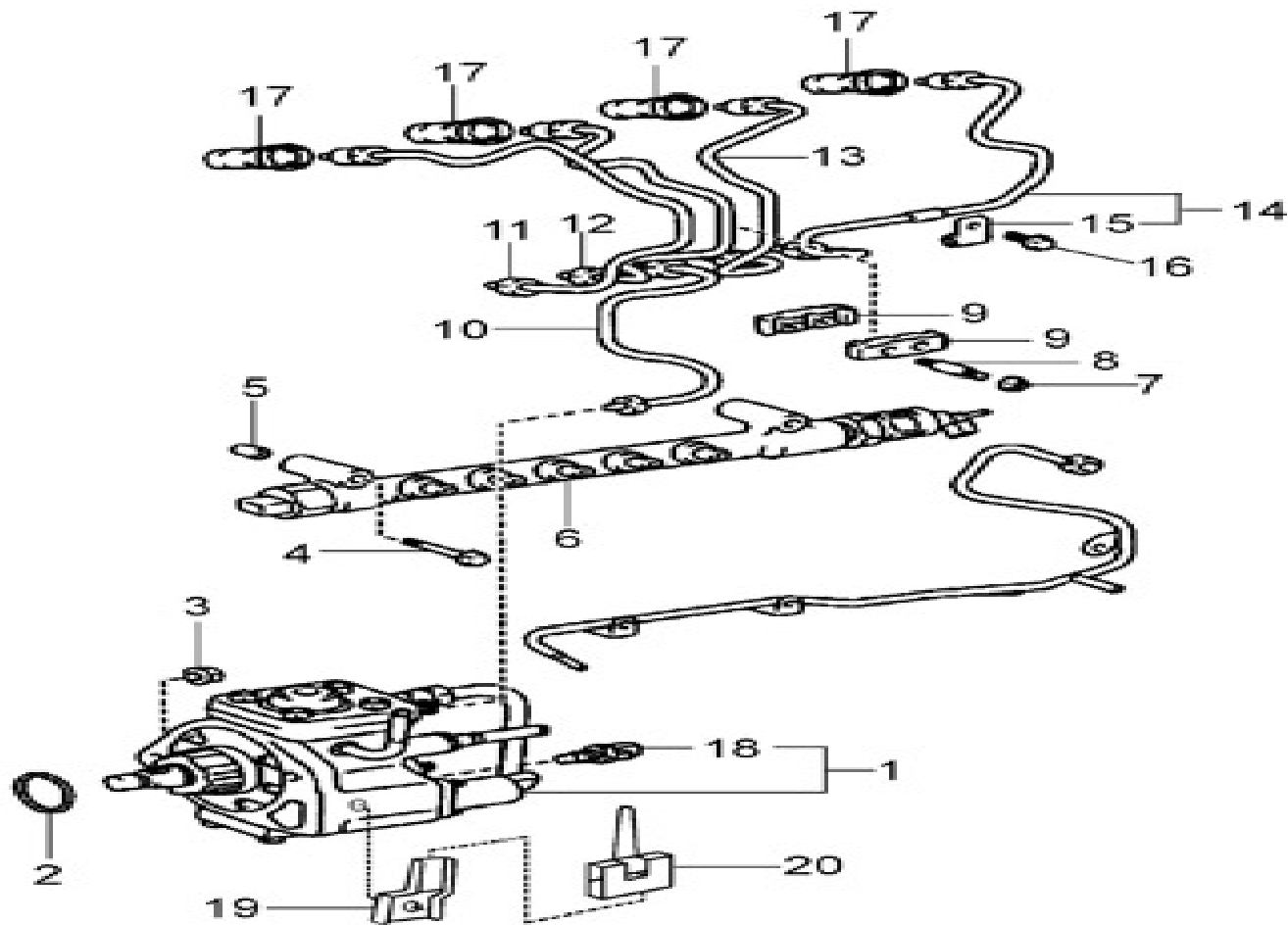
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Injection & fuel pump



N.	Item	Description	Qty	Notes
1	970314051	PUMP ASSY, INJECTION OR SUPPLY	1	
2	970312298	RING,O	1	
3	970312300	NUT	2	
4	970314141	BOLT, FLANGE	2	
5	970314101	PIN, RING	2	
6	970314069	RAIL ASSY,COMMON	1	
7	970314096	NUT	2	
8	970314093	BOLT, STUD	2	
9	970314065	CLAMP, INJECTION PIPE, No.3	2	
10	970314068	PIPE SUB-ASSY, FUEL INLET	1	
11	970314060	PIPE SUB-ASSY, INJECTION, No.1	1	
12	970314061	PIPE SUB-ASSY, INJECTION, No.2	1	
13	970314062	PIPE SUB-ASSY, INJECTION, No.3	1	
14	970314063	PIPE SUB-ASSY, INJECTION, No.4	1	
15	970314064	CLAMP, INJECTION PIPE	1	
16	970312287	BOLT	1	
17	970314057	SEAL, NOZZLE HOLDER	4	
18	970314088	SENSOR, FUEL TEMPERATURE	1	
19	970314083	BRACKET, WIRING HARNESS CLAMP	1	
20	970314080	CLAMP, WIRING HARNESS	1	

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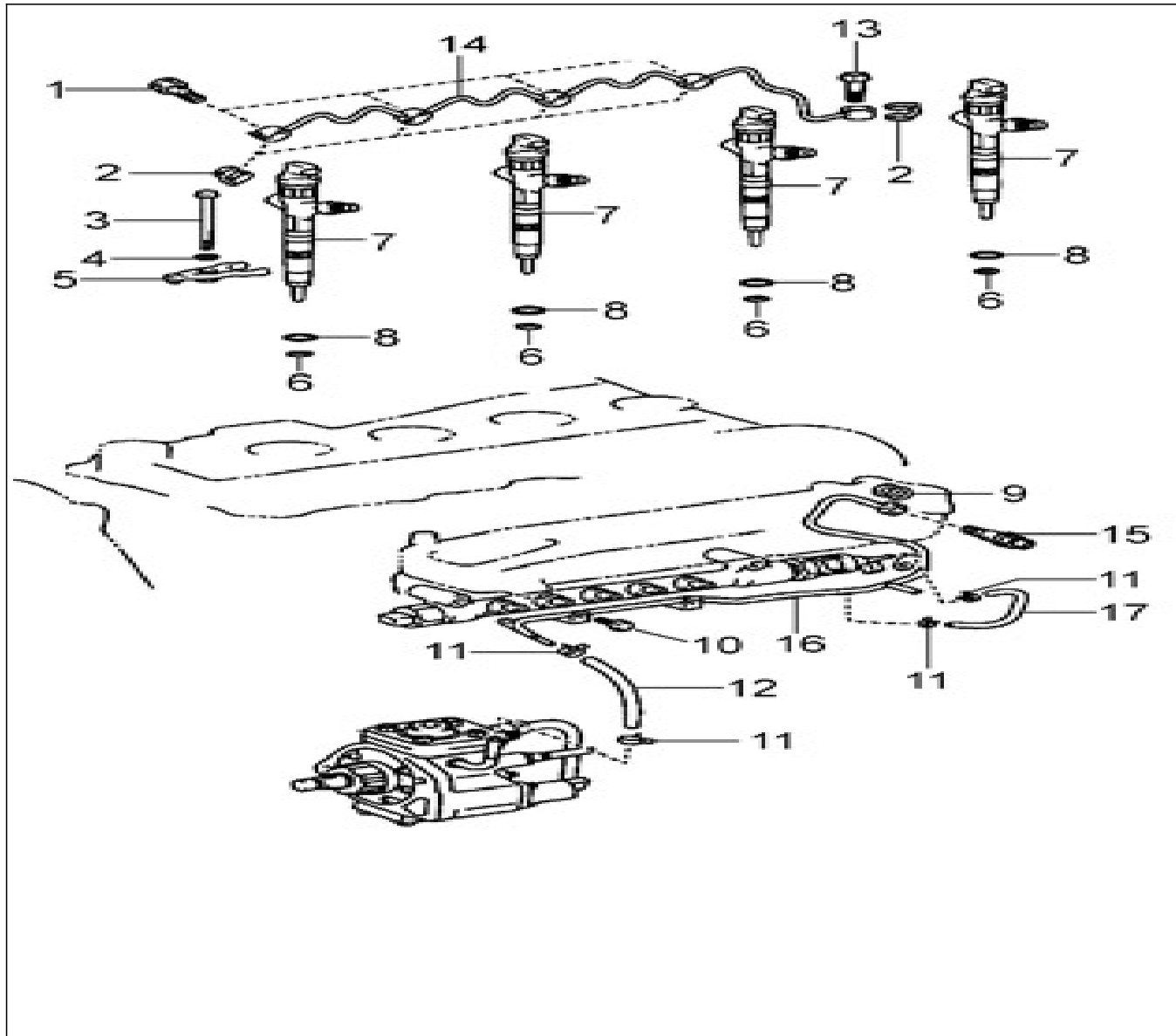
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Injection lines nozzles



N.	Item	Description	Qty	Notes
1	970314056	SCREW, INJECTOR HOLLOW	4	
2	970314117	GASKET	5	
3	970314090	BOLT, FLANGE	4	
4	970312700	WASHER	4	
5	970314059	CLAMP, NOZZLE HOLDER	4	
6	970313940	SEAT, INJECTION NOZZLE	4	
7	970314055	INJECTOR ASSY,	4	
8	970314153	RING, O	4	
9	970314111	GASKET	1	
10	970314138	BOLT, FLANGE	4	
11	970312314	CLAMP HOSE	4	
12	32806090	HOSE	1	
13	970314108	BOLT, UNION	1	
14	970314066	PIPE ASSY, NOZZLE LEAKAGE, No.1	1	
15	970314109	BOLT, UNION	1	
16	970314067	PIPE ASSY, NOZZLE LEAKAGE, No.2	1	
17	32805150	HOSE	1	

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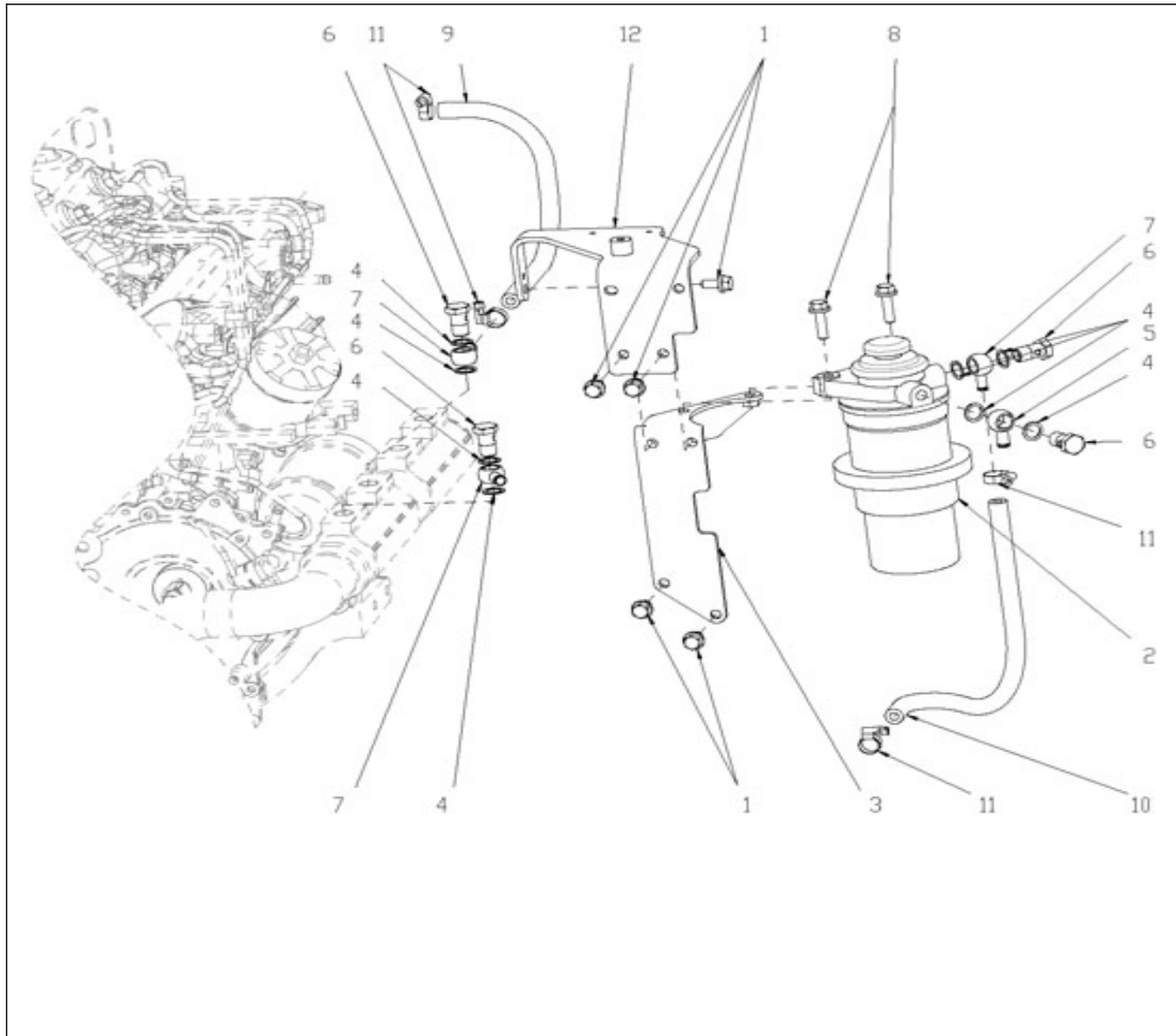
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Fuel filter Assy,



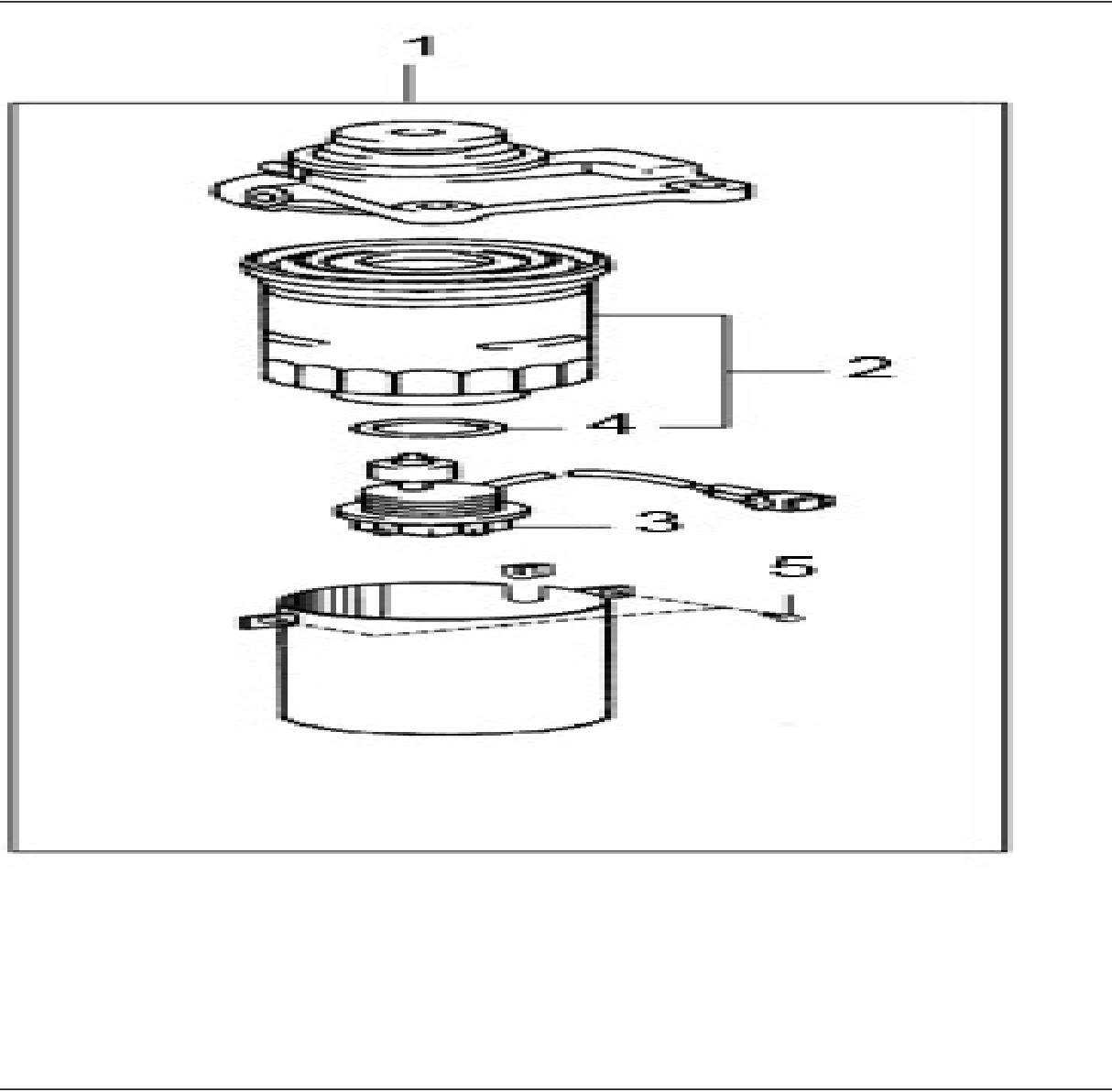
N.	Item	Description	Qty	Notes
1	39160661	BOLT (+++SUPPRIMER LA VIS DU MONTAGE STANDARD)	5	
2	970313800	GO FILTER	1	
3	95310666	BRACKET	1	
4	970300306	GASKET,RING D14 (SUR REFROID THERMO MOTA)	8	
5	970300797	CONNECTION,BANJO D=8/M14 (=> N°KT08090423)	2	
6	970432515	BOLT,BANJO M14X1,5 (=> N°KT08090423)	4	
7	970301093	CONNECTION,BANJO D=6/M14	2	
8	39160639	BOLT	2	
9	32808002	FUEL HOSE ISO 7840 D8	1	
10	32808002	FUEL HOSE ISO 7840 D8	1	
11	970439306	CLAMP (++POUR DURITE ORIGINE REF HUILE MOTEUR)	4	
12	95310676	Sea water filter bracket	1	

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Brand: NanniDiesel
Model: Moteur T4.165 T4.180 T4.200
Version: Standard
Subassembly: Fuel filter Assy

N.	Item	Description	Qty	Notes
1	970313800	GO FILTER	1	
2	970313774	FUEL FILTER	1	
3	970312242	PLUG W/WATER LEVEL SWITCH	1	
4	970314054	GASKET (FOR WARNING SWITCH)	1	
5	970314143	BOLT, WWASHER	2	

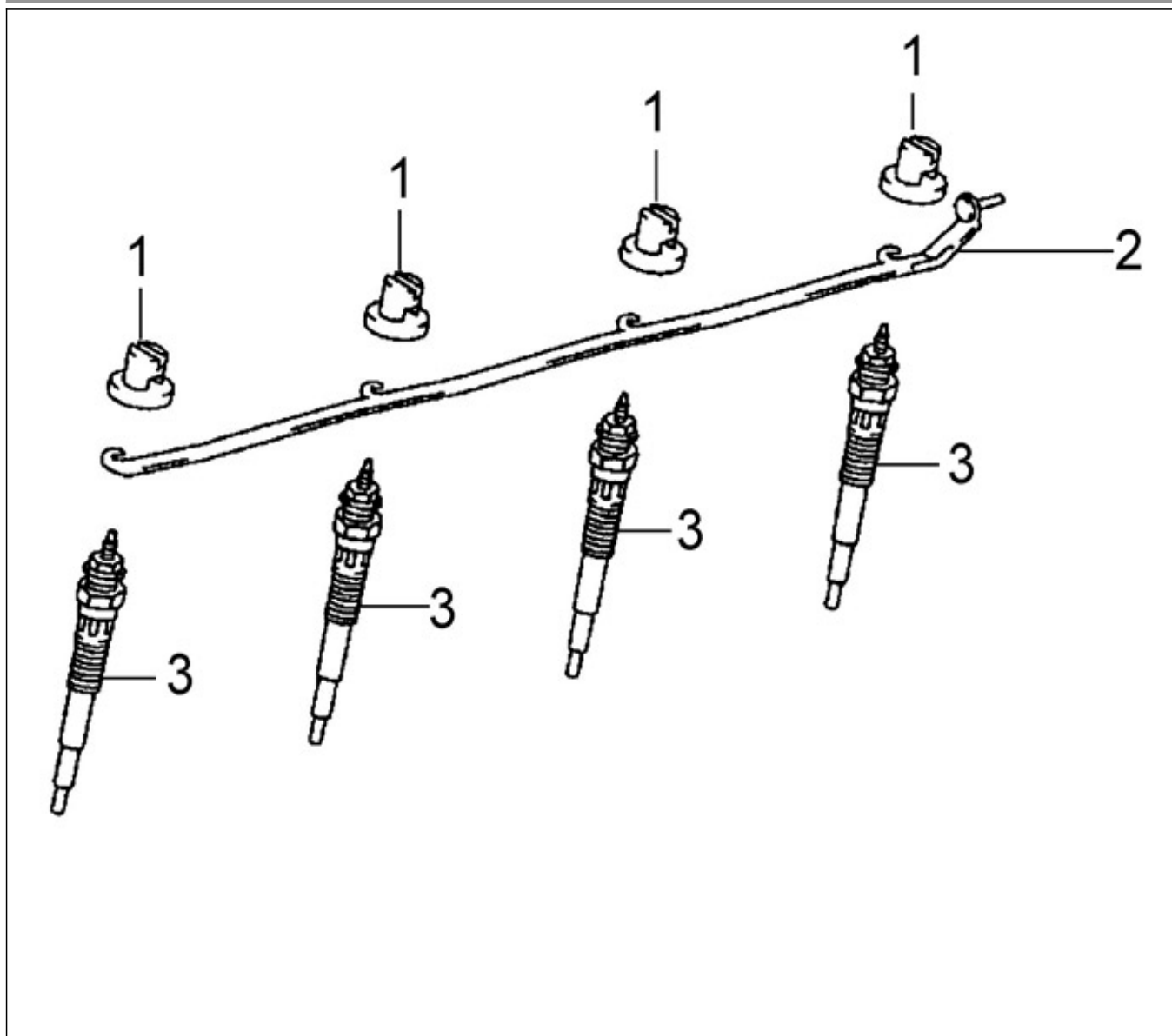


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Brand: NanniDiesel
 Model: Moteur T4.165 T4.180 T4.200
 Version: Standard
 Subassembly: Glow plug

N.	Item	Description	Qty	Notes
1	970312321	GROMMET SCREW	4	
2	970314050	CONNECTOR,GLOW PLUG	1	
3	970314049	PLUG ASSY, GLOW	4	



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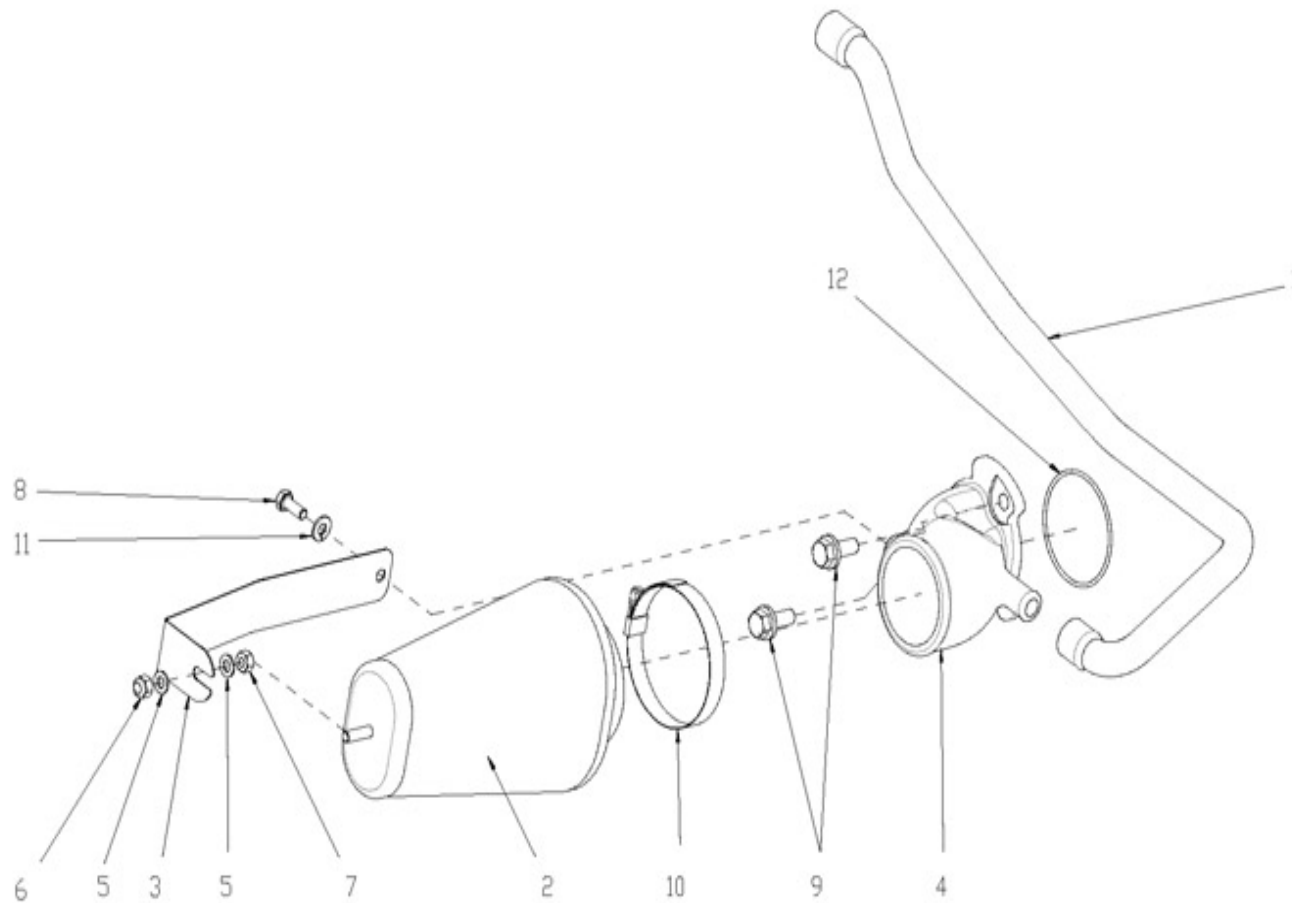
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Air filter

N.	Item	Description	Qty	Notes
1	48328130	PCV Hose	1	
2	48100889	Air Cleaner	1	
3	95310700	BRACKET	1	
4	95200247	INTAKE FLANGE	1	
5	970635459	WASHER,PLAIN D 6 (CALAGE)	2	
6	970494516	NUT,LOCK M 6	1	
7	970635460	NUT,M 6	1	
8	970609601	BOLT,HEX M 6X 12	1	
9	39160662	BOLT	2	
10	970316030	CLAMP	1	
11	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	1	
12	48418179	O-RING	1	



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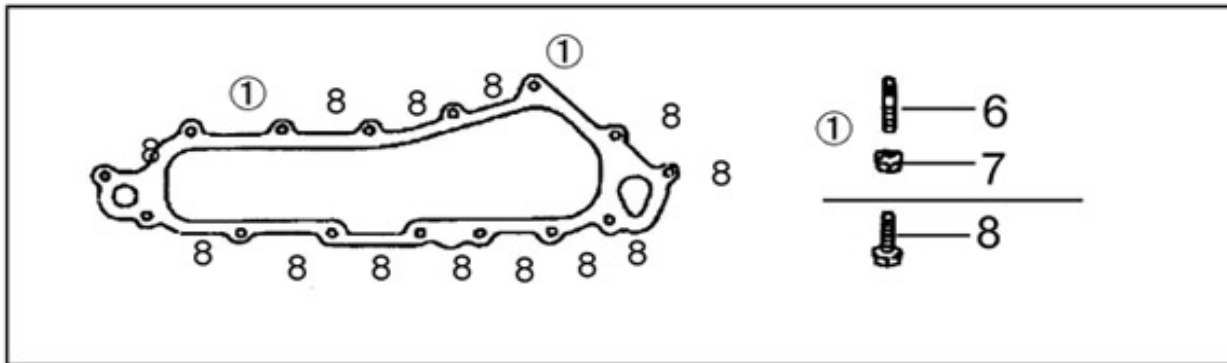
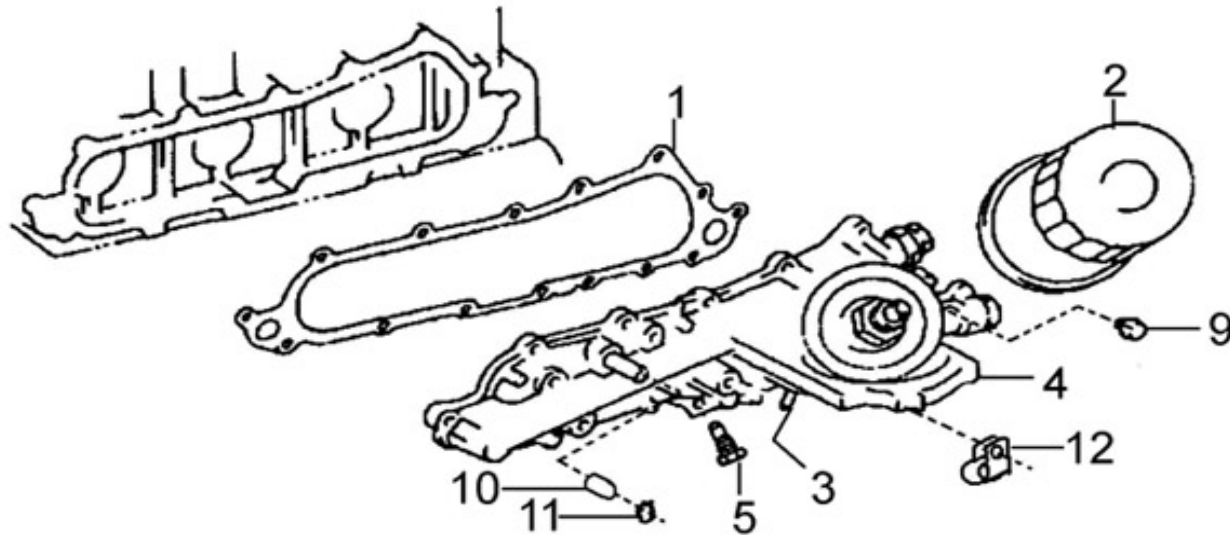
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Oil filter Assy

N.	Item	Description	Qty	Notes
1	970312206	GASKET	1	
2	970313306	FILTER ENGINE OIL	1	
3	970314103	CAP	1	
4	970314031	COVER SUB-ASSY, OIL COOLER	1	
5	970312071	PLUG	1	
6	970312044	STUD	2	
7	970312061	NUT	2	
8	970312210	BOLT,W/WASHER	13	
9	970314107	PLUG,INTAKE MANIFOLD SUCTION - HOLE	1	
10	970314104	PLUG	1	
11	970314115	CLIP	1	
12	970314114	CLAMP	1	



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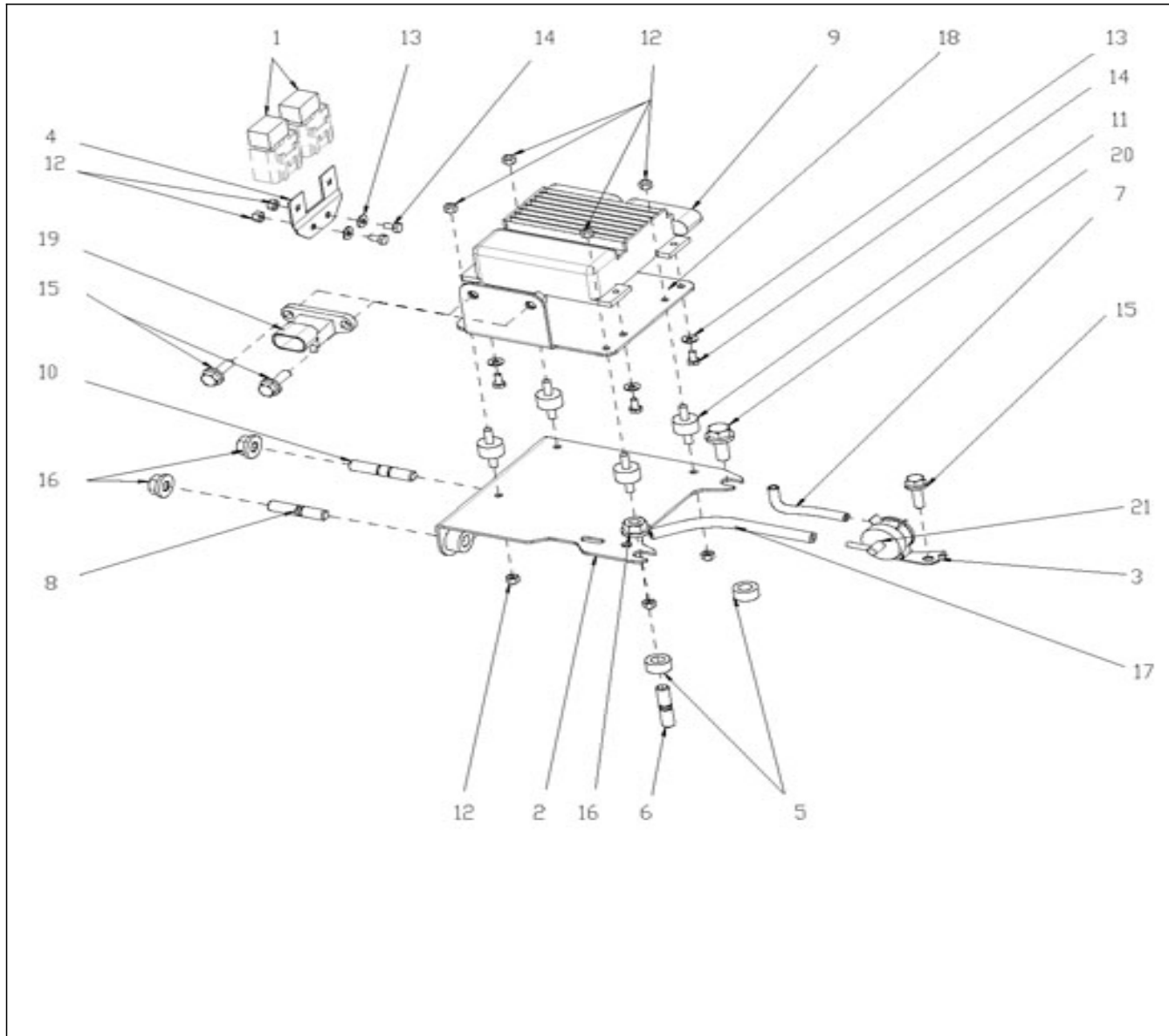
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: EDU Assy.



N.	Item	Description	Qty	Notes
1	970314155	RELAY	2	
2	95310663	EDU Bracket,main	1	
3	970314126	CLAMP	1	
4	95310662	Relay Bracket	1	
5	95312344	SPACER	2	
6	970300057	STUD,M 8X 20 (+++FIX TURBO)	1	
7	970314152	HOSE, VACUUM	1	
8	970300080	STUD,M 8X 25 (+++ FIX TURBO)	1	
9	970314089	DRIVER, INJECTOR	1	
10	970300374	STUD,M 8X 30 (+++FIX TENDEUR)	1	
11	970312775	Insulator M/M, M4	4	
12	39360916	NUT	10	
13	39620915	WASHER	4	
14	39160664	BOLT	6	
15	39160659	BOLT	3	
16	39460916	NUT (+++FIX ECHANGEUR)	3	
17	970314151	HOSE, VACUUM	1	
18	95310699	EDU BRACKET	1	
19	970314084	SENSOR, TURBO PRESSURE - (FOR DIESEL TURBO)	1	
20	39620915	WASHER	4	
21	39160662	BOLT	1	

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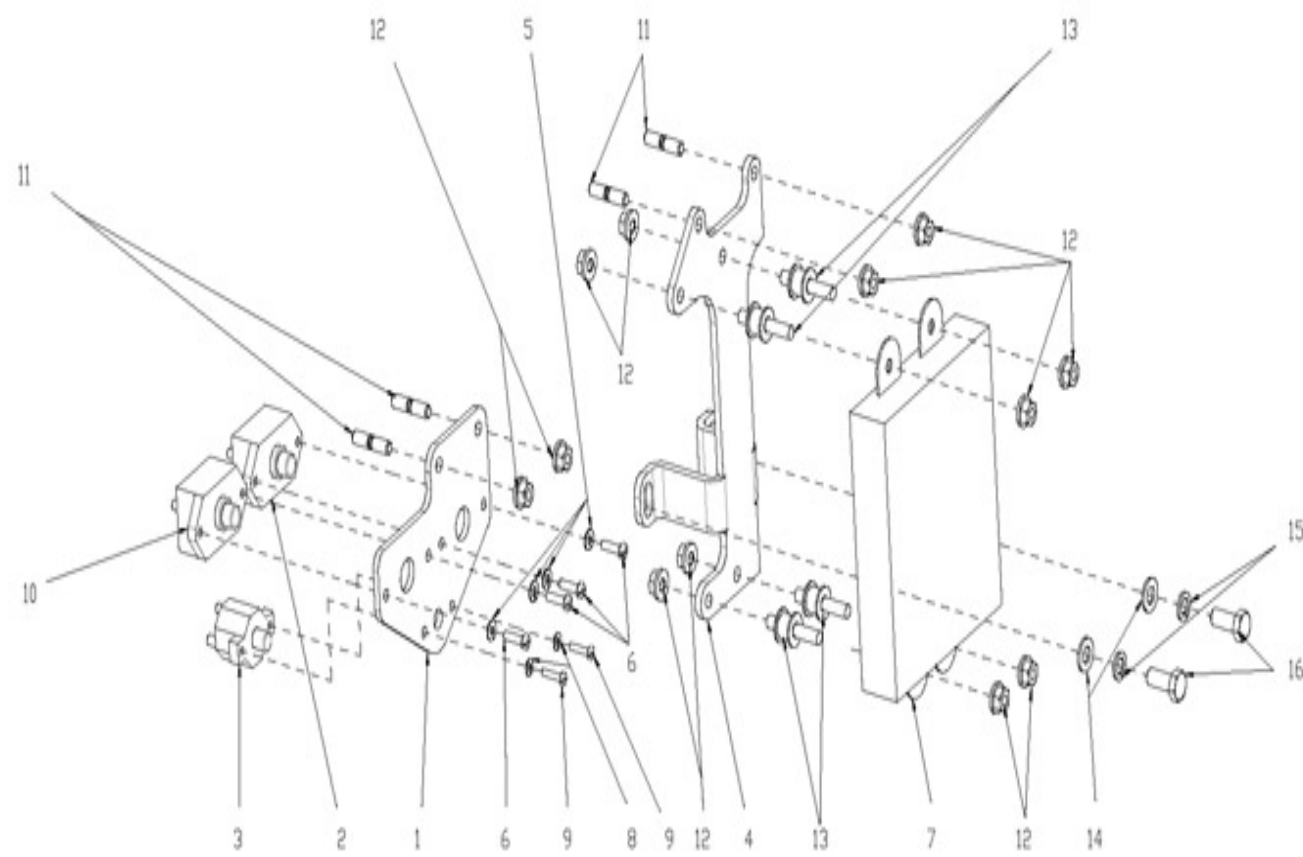
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: EC

N.	Item	Description	Qty	Notes
1	95310660	BRACKET	1	
2	970311311	CIRCUIT BREAKER - 120 A	1	
3	970311309	CIRCUIT BREAKER - 25 A (A CABLER AU CHANTIER)	1	
4	95310840	BRACKET	1	
5	970300318	WASHER,SPRING D 5	4	
6	39180001	BOLT	4	
7	970315611	ECU 200 EPA TIER III	1	
7	970315612	ECU 180 EPA TIER III	1	
7	970315613	ECU 165 EPA TIER III	1	
8	39620915	WASHER	2	
9	39180002	BOLT	2	
10	970311310	CIRCUIT BREAKER - 80 A	1	
11	970300057	STUD,M 8X 20 (+++FIX TURBO)	4	
12	39460916	NUT (+++FIX ECHANGEUR)	12	
13	970314075	MONT, RUBBER	4	
14	970119135	WASHER,PLAIN D10 (DONT DEUX POUR CALAGE GALET	2	
15	970119136	WASHER,SPRING D10 (POUR INVERSEUR)	2	
16	970635508	BOLT,HEX M10X 25 (VIS DE BOUT D ARBRE)	2	

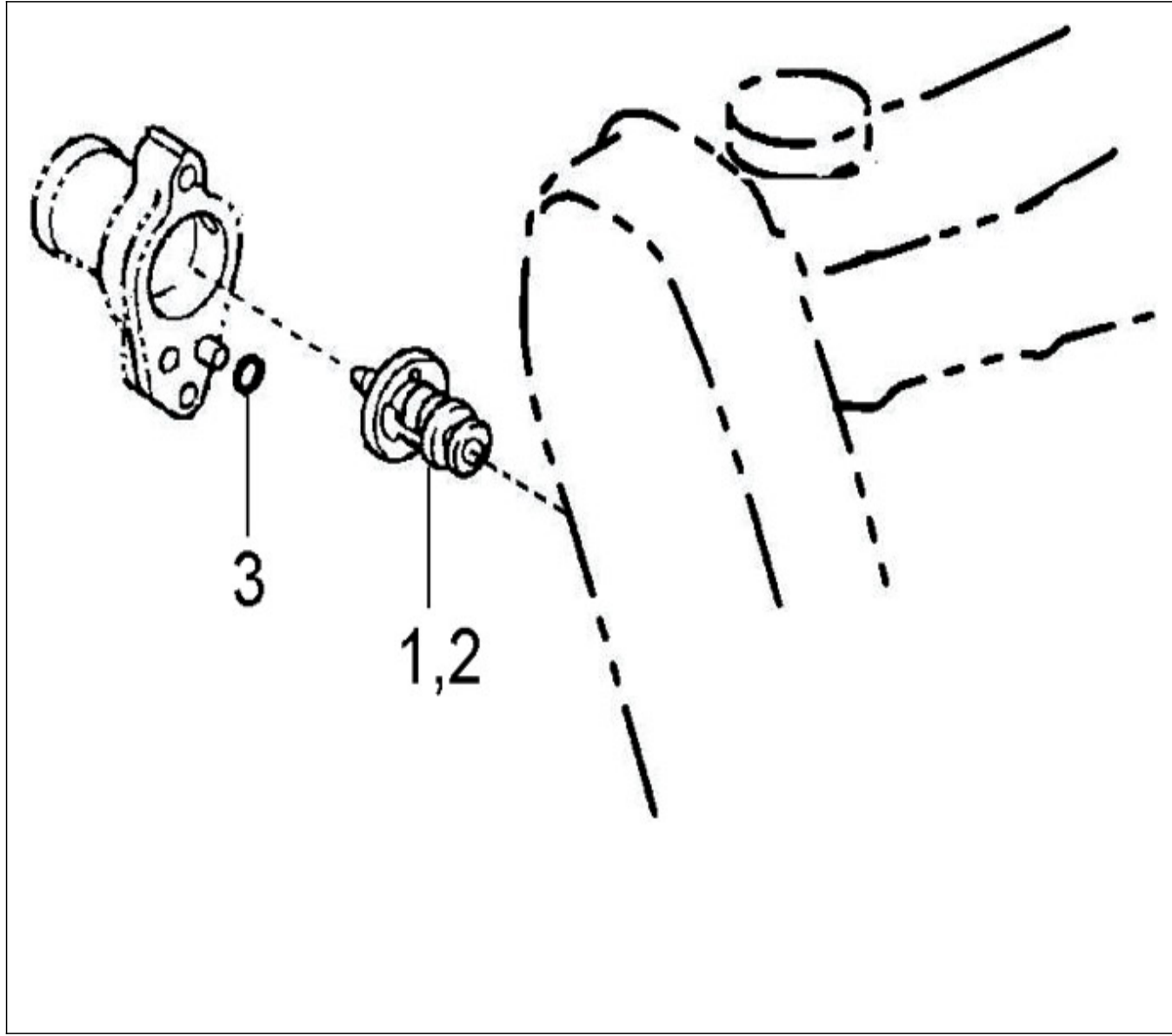


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Brand: NanniDiesel
Model: Moteur T4.165 T4.180 T4.200
Version: Standard
Subassembly: Thermostat

N.	Item	Description	Qty	Notes
1	970312274	THERMOSTAT	1	
2	970312275	GASKET,THERMOSTAT	1	
3	970312048	RING O	1	



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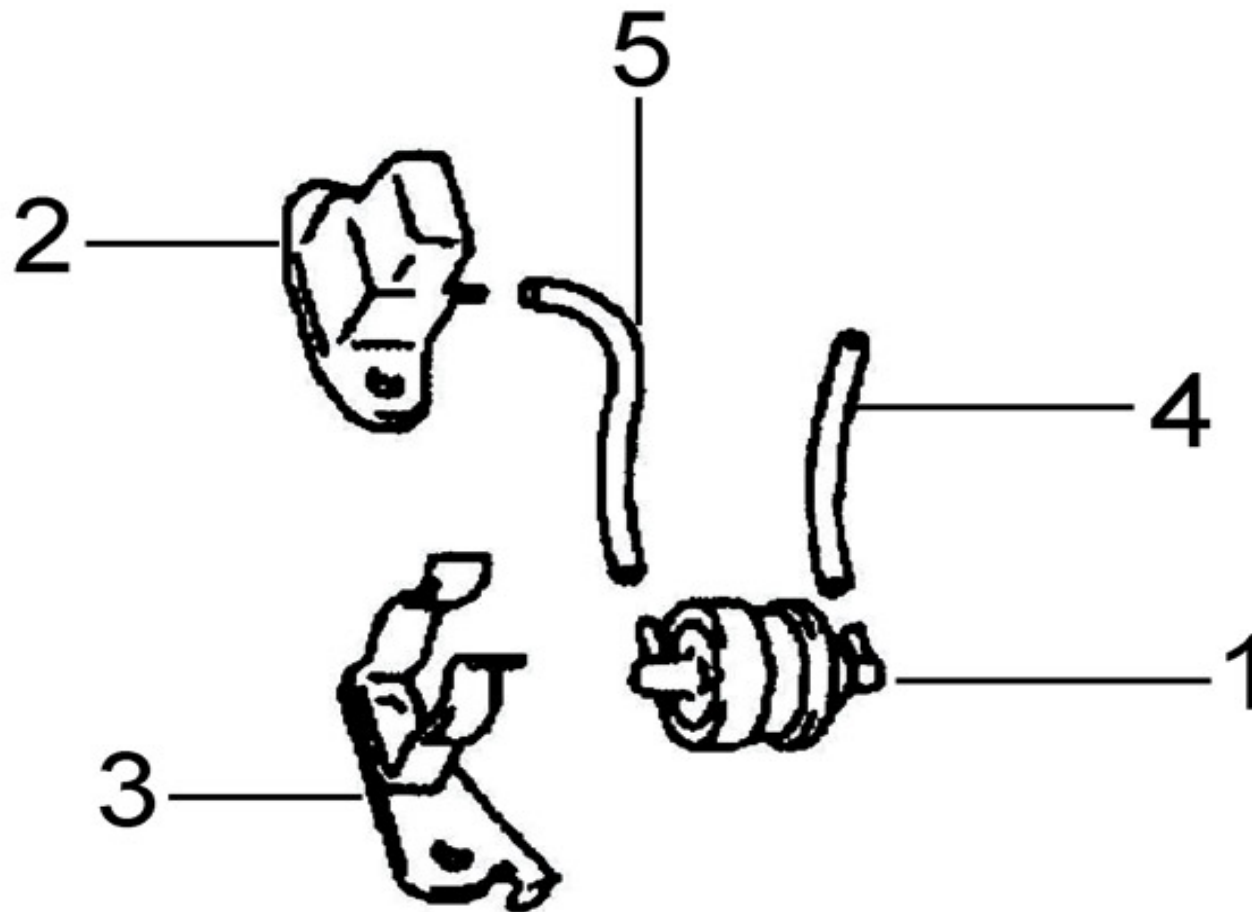
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Vacuum piping

N.	Item	Description	Qty	Notes
1	970314123	FILTER, GAS	1	
2	970314084	SENSOR, TURBO PRESSURE - (FOR DIESEL TURBO)	1	
3	970314126	CLAMP	1	
4	970314151	HOSE, VACUUM	1	
5	970314152	HOSE, VACUUM	1	

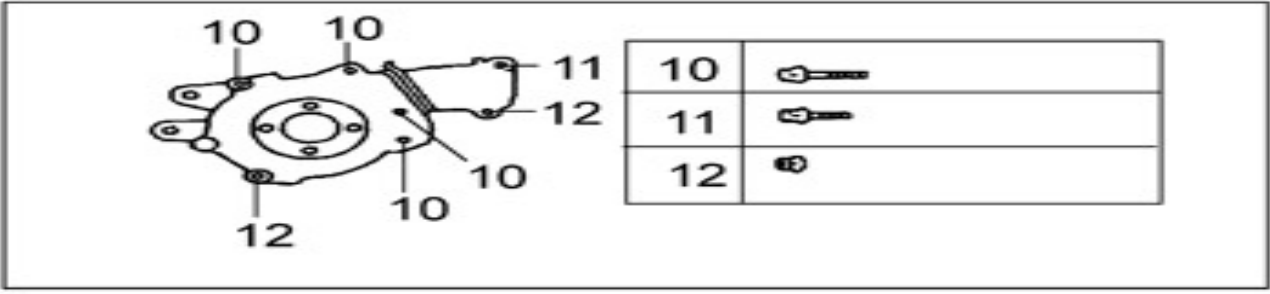
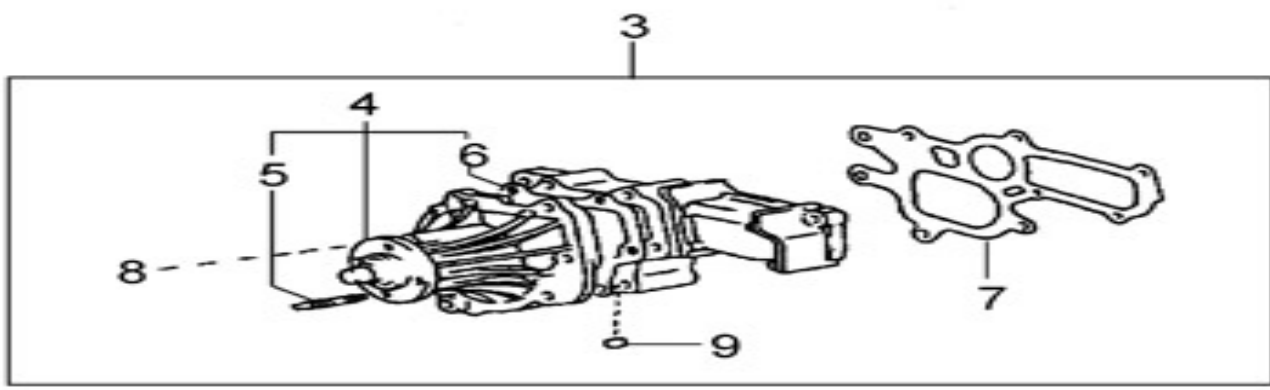


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Brand: NanniDiesel
 Model: Moteur T4.165 T4.180 T4.200
 Version: Standard
 Subassembly: Fresh water pump

N.	Item	Description	Qty	Notes
1	970314036	PULLEY, FAN	1	
2	970312686	NUT	4	
3	970312224	WATER PUMP	1	
4	970312225	PUMP ASSY,WATER W/O COVER	1	
5	970312226	BOLT,STUD	4	
6	970312227	GASKET,WATER PUMP COVER	1	
7	970312228	GASKET,WATER PUMP,NO.1	1	
8	970312229	BOLT,FLANGE	1	
9	970312230	PIN,RING	2	
10	970312231	BOLT,W/WASHER	4	
11	970312210	BOLT,W/WASHER	1	
12	970312061	NUT	2	

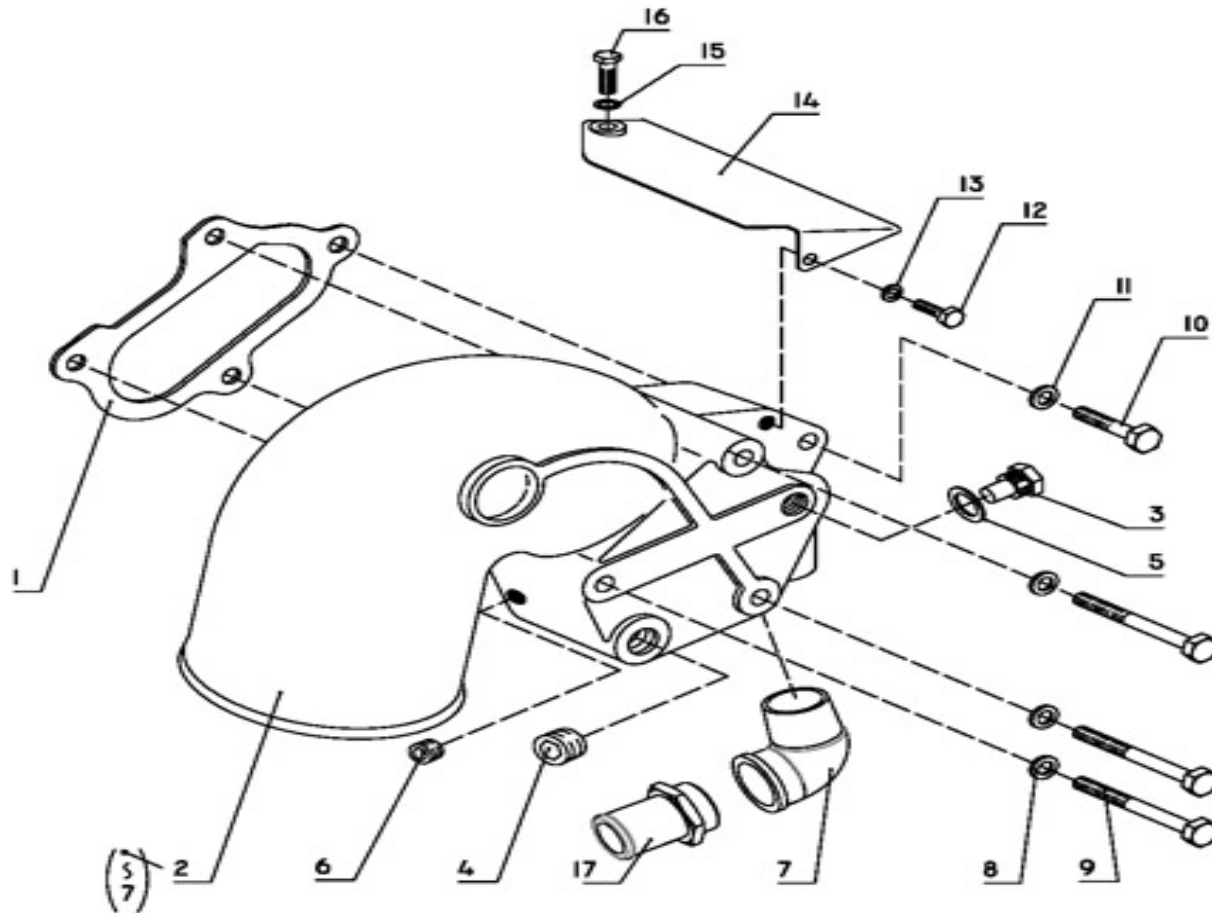


Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Exhaust elbow



N.	Item	Description	Qty	Notes
1	970312258	GASKET TURBINE	1	
2	TP250C00	MIXER	1	
3	970494635	ANODE,ZINC CPL M16X1,5	1	
4	970310264	PLUG	1	
5	970300199	GASKET,RING D16	1	
6	970307265	PLUG,HEX 1/8	1	
7	970892604	ELBOW	1	
8	970119139	WASHER,CORRUGATED D8 (DONT 3 PTO)	3	
9	39160455	BOLT	3	
10	970644594	BOLT,HEX M 8X 60 (+++FIX POULIE SPA)	1	
11	970119139	WASHER,CORRUGATED D8 (DONT 3 PTO)	1	
12	970439910	BOLT,HEX M 6X 16 (+++FIX.SUPPORT AG ACC)	1	
13	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	1	
14	95310552	DEFLECTOR	1	
15	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	1	
16	970644006	BOLT,HEX M 6X 20 (++FIX TENDEUR)	1	
17	970892603	BARBED END BRASS FITTING 1 1/4 (QUANTITE 3 R.P. 1 LE 19/06/2008)	1	

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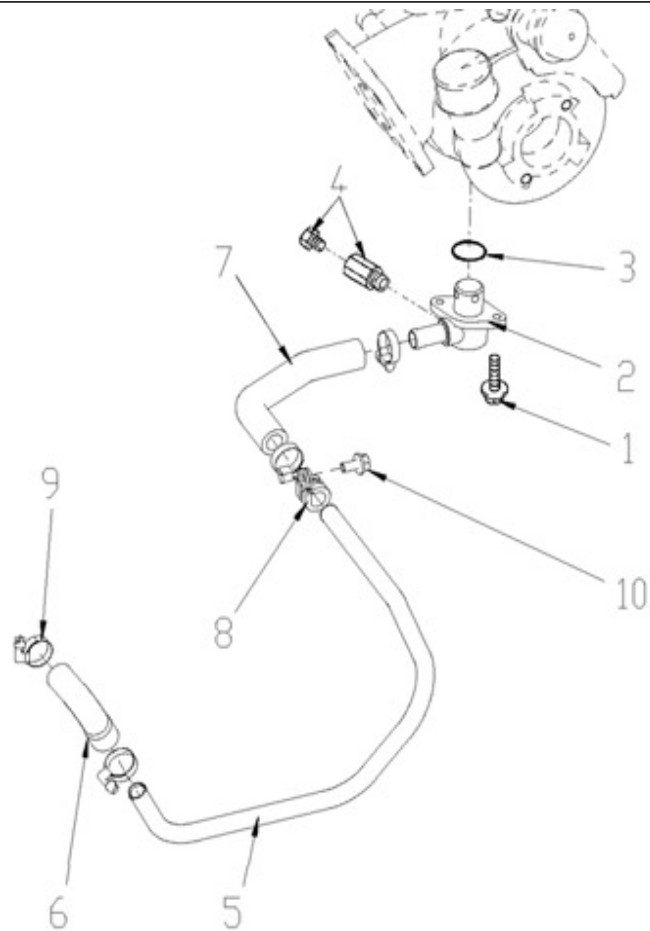
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Turbo charger water hose



N.	Item	Description	Qty	Notes
1	970312261	BOLT FLANGE	2	
2	970314039	CONNECTOR, TURBO WATER, NO.2	1	
3	970312263	RING,O	1	
4	970312267	COCK,DRAIN	1	
5	51306121	Pipe,Turbo Water	1	
6	48328123	HoseTurbo Water,No.1	1	
7	48328124	HoseTurbo Water,No.2	1	
8	970307264	CLAMP	1	
9	970301604	CLAMP,HOSE 15-24 (ALIM EAU GENE)	4	
10	39160661	BOLT (+++SUPPRIMER LA VIS DU MONTAGE STANDARD)	1	

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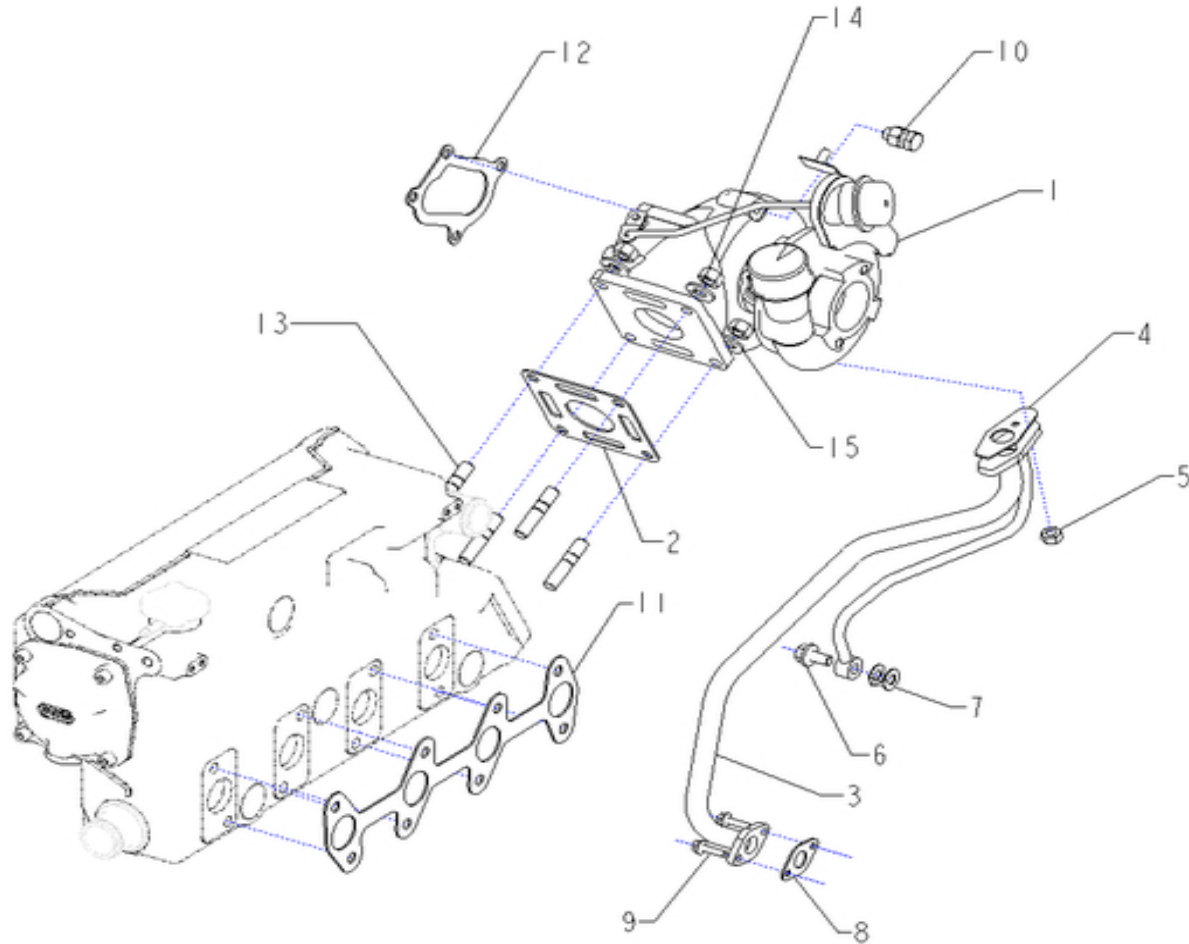
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Turbocharger with Exh. Mixer



N.	Item	Description	Qty	Notes
1	970314046	TURBO CHARGER SUB-ASSY	1	
2	970312244	GASKET TURBO	1	
3	970314028	PIPE SUB-ASSY, TURBO OIL	1	
4	970314029	GASKET, TURBO OIL INLET	1	
5	970314098	NUT	2	
6	970314110	BOLT, UNION	1	
7	970314116	GASKET	1	
8	970314030	GASKET, TURBO OIL OUTLET, NO.1	1	
9	970314094	BOLT, W/WASHER	2	
10	970312252	COCK ASSY DRAIN	1	
11	970314043	GASKET, EXHAUST MANIFOLD	1	
12	970312258	GASKET TURBINE	1	
13	39020503	STUD BOLT	4	
14	970607318	NUT, M12	4	
15	970409154	WASHER, SPRING D12	4	

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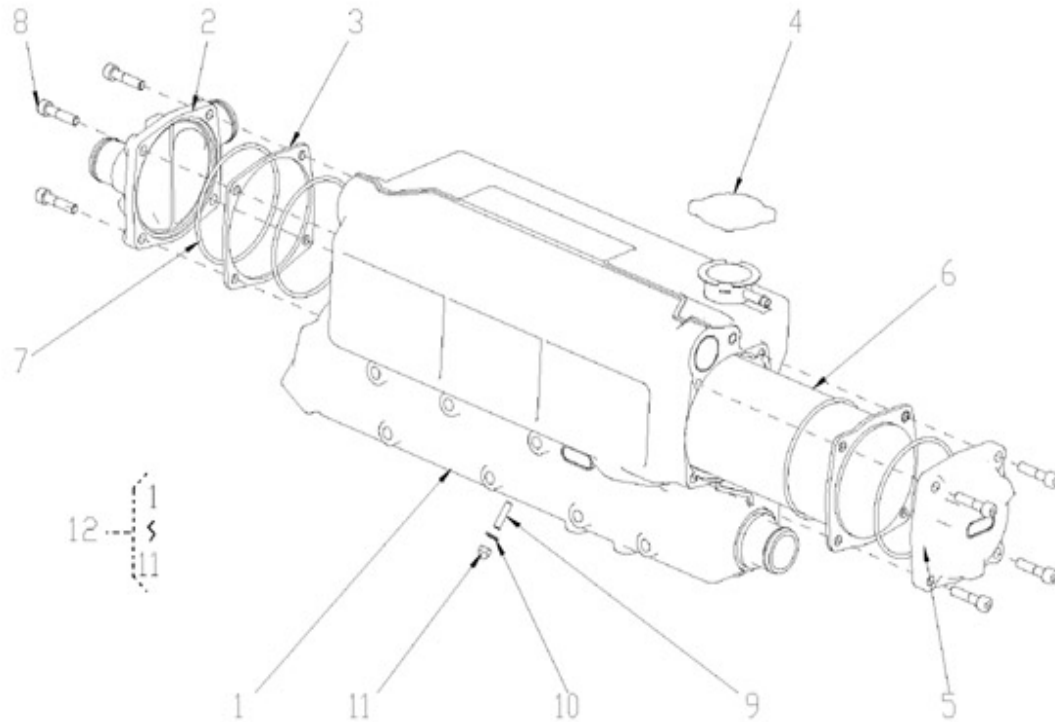
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Heat exchanger Spare parts

N.	Item	Description	Qty	Notes
1	970314986	CORP ECHANGEUR 48300397	1	
2	970314987	CALOTTE E/S EAU DE MER ECHANGEUR 48300397	1	
3	970312453	SPACER	1	
4	970314988	HEAT EXCHANGER CAP 0.95B	1	
5	970312450	COVER	1	
6	970312451	TUBE STACK	1	
7	48418167	O RING	4	
8	970635916	BOLT SOCK M 8X 35 (+++ FIX COUDE ECHAP)	8	
9	970312802	BOLT M6x25	1	
10	970312803	BUSH	1	
11	970312804	NUT	1	
12	48300397	HEAT EXCHANGER - Exhaust Manifold	1	



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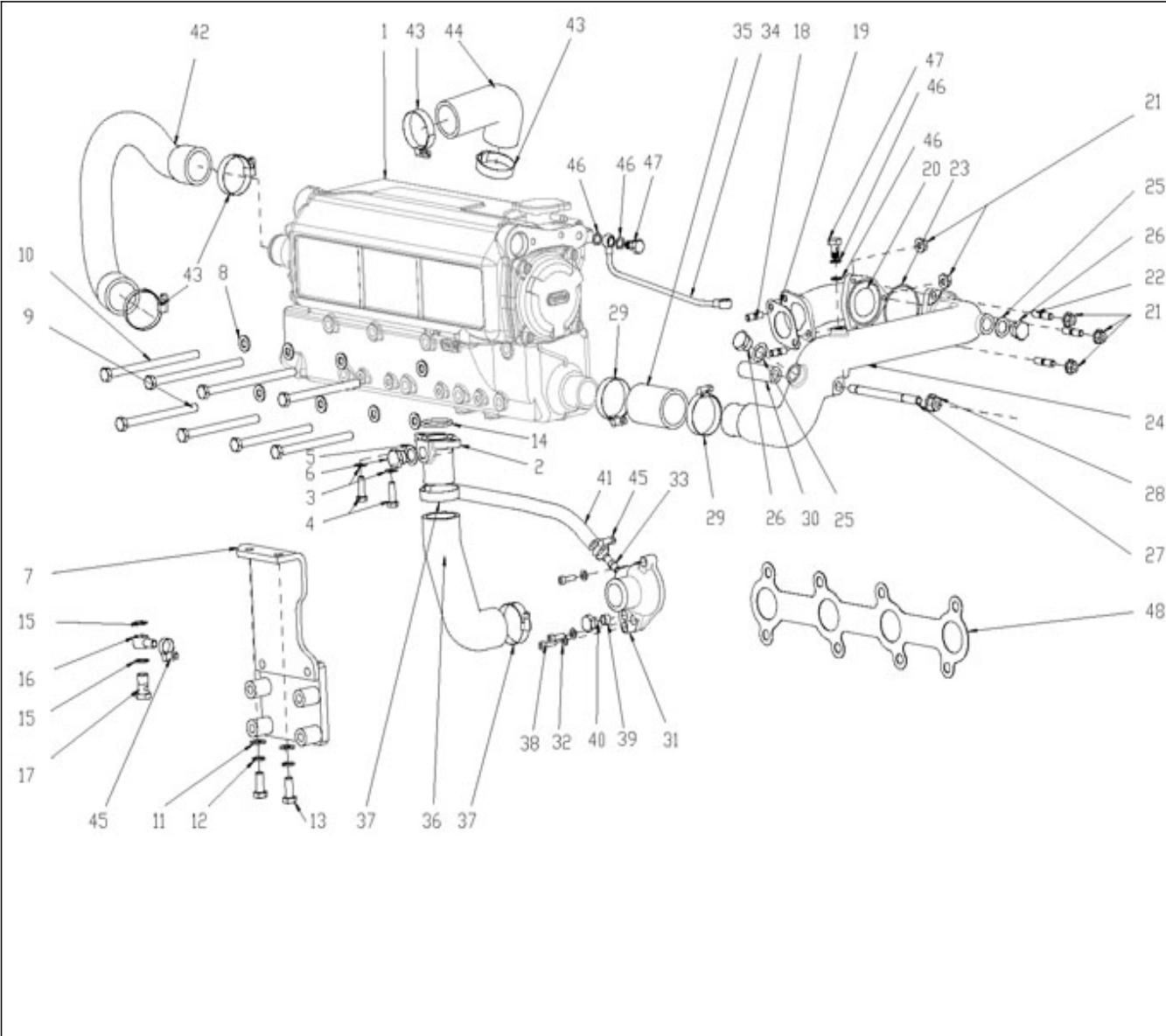
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Heat exchanger exh. Manifold



N.	Item	Description	Qty	Notes
1	48300397	HEAT EXCHANGER - Exhaust Manifold	1	
2	95710032	FRESH FrWATER INLET PIPE 2 (AVEC JOINT 970311194)	1	
3	970119139	WASHER,CORRUGATED D8 (DONT 3 PTO)	2	
4	970304082	BOLT	2	
5	970300289	GASKET,RING D17	1	
6	970639853	"PLUG,HEX 3/8""G"	1	
7	95310542	SUPPORT	1	
8	970119137	WASHER,CORRUGATED D10	8	
9	970310228	BOLT	5	
10	39160454	BOLT	3	
11	970119135	WASHER,PLAIN D10 (DONT DEUX POUR CALAGE GALET	2	
12	970119136	WASHER,SPRING D10 (POUR INVERSEUR)	2	
13	970635508	BOLT,HEX M10X 25 (VIS DE BOUT D ARBRE)	2	
14	970311194	GASKET (<= N° T109050464)	1	
15	970300306	GASKET,RING D14 (SUR REFROID THERMO MOTA)	2	
16	970300797	CONNECTION,BANJO D=8/M14 (=> N°KT08090423)	1	
17	970432515	BOLT,BANJO M14X1,5 (=> N°KT08090423)	1	
18	970314149	BOLT,STUD	2	
19	970314035	GASKET	1	
20	95200246	Fresh Water Outlet Pipe 1	1	
21	39460916	NUT (+++FIX ECHANGEUR)	5	
22	970300057	STUD,M 8X 20 (+++FIX TURBO)	3	
23	48418178	O-RING	1	
24	95200245	Fresh Water Outlet Pipe 2	1	
25	970300289	GASKET,RING D17	2	
26	970639853	"PLUG,HEX 3/8""G"	2	
27	39020439	STUD BOLT	1	
28	39460917	NUT,FLANGE	1	
29	970634621	CLAMP,HOSE	2	
30	43320294	SPACER	1	
31	95710031	Fresh Water Inlet Pipe 1	1	
32	970609602	WASHER,CORRUGATED D 6 (GRAISSEE SERRAGE 1.7	3	
33	970307806	Nipple (++Montage LOCTITE verte)	1	
34	51306123	Air Breather Pipe	1	
35	970644590	HOSE,D40 L= 70	1	
36	48328100	Fresh Water Hose 2	1	
37	970604533	CLAMP,HOSE 32-44 (QUANTITE 8 R.P. 4 LE 19/06/2008)	2	
38	970604615	BOLT,SOCK M 6X 20	3	
39	51410028	COLLAR	1	
40	970875506	PLUG (<= N°KT08090422)	1	
41	32810002	FUEL HOSE ISO 7840 D10 (REFROIDISSEUR-BACHE)	1	
42	48328129	HOSE	1	
43	970634621	CLAMP,HOSE	4	
44	48328128	Sea Water Hose 4	1	
45	970434506	CLAMP,HOSE 13-20 (POUR DURITE REF HUILE MOTEUR)	2	
46	970300430	GASKET,RING D10 (+++ FIX TUYAU GRAISSAGE SUR	4	
47	970300717	BOLT,BANJO M10X1,25 (=> N° T501050058)	2	
48	970314043	GASKET, EXHAUST MANIFOLD	1	

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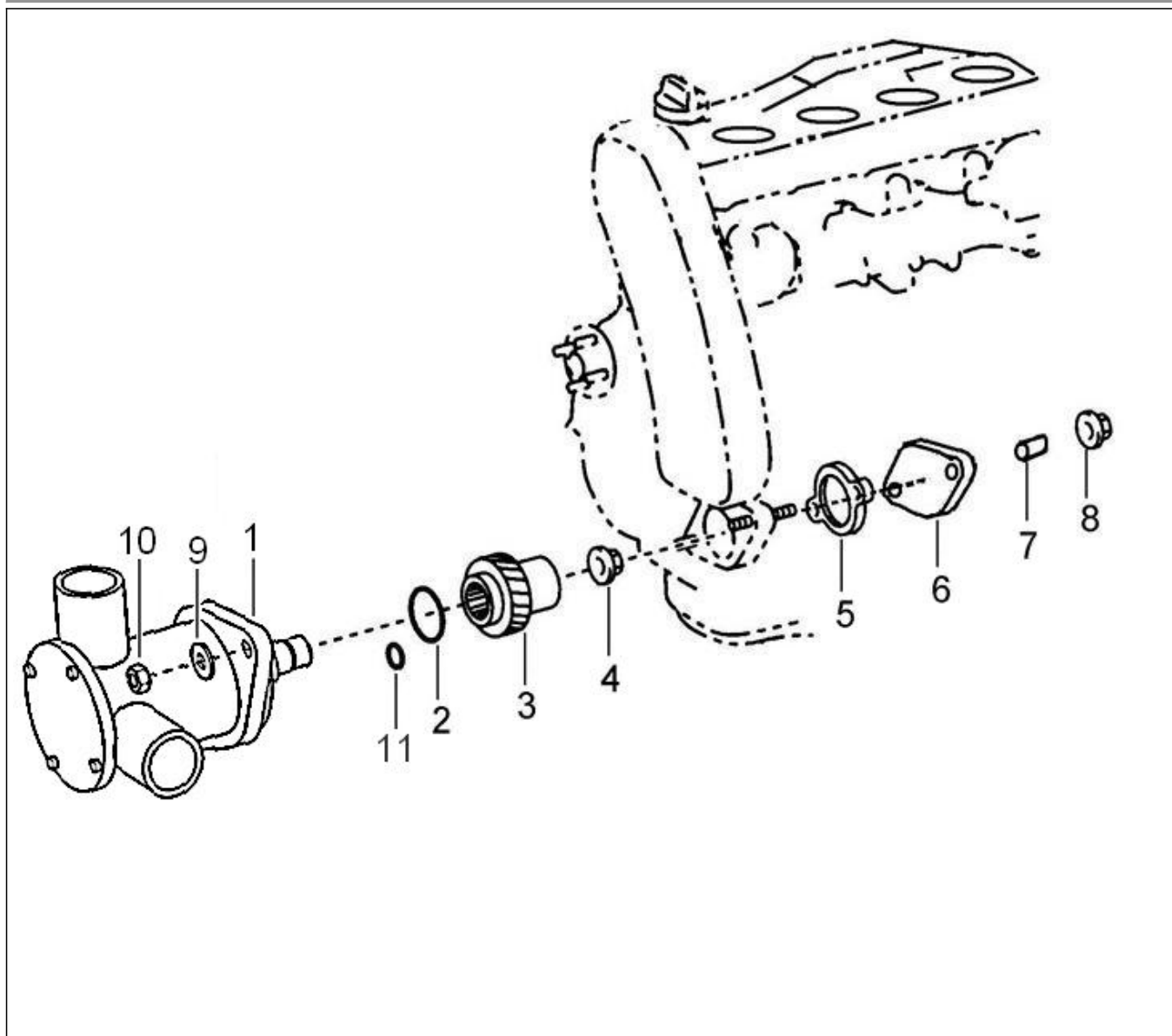
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Seawater pump Assy

N.	Item	Description	Qty	Notes
1	970311169	WATER PUMP	1	
2	48418165	O RING	1	
3	970312234	GEAR PUMP	1	
4	970312235	NUT	1	
5	970312590	GASKET,CYLINDER BLOCK SIDE COV - ER	1	
6	970312055	PLATE,WATER SEAL	1	
7	970312592	SPACER	2	
8	970312591	NUT	2	
9	970027323	WASHER,PLAIN D 8	2	
10	39460916	NUT (+++FIX ECHANGEUR)	2	
11	970302856	O-RING	1	

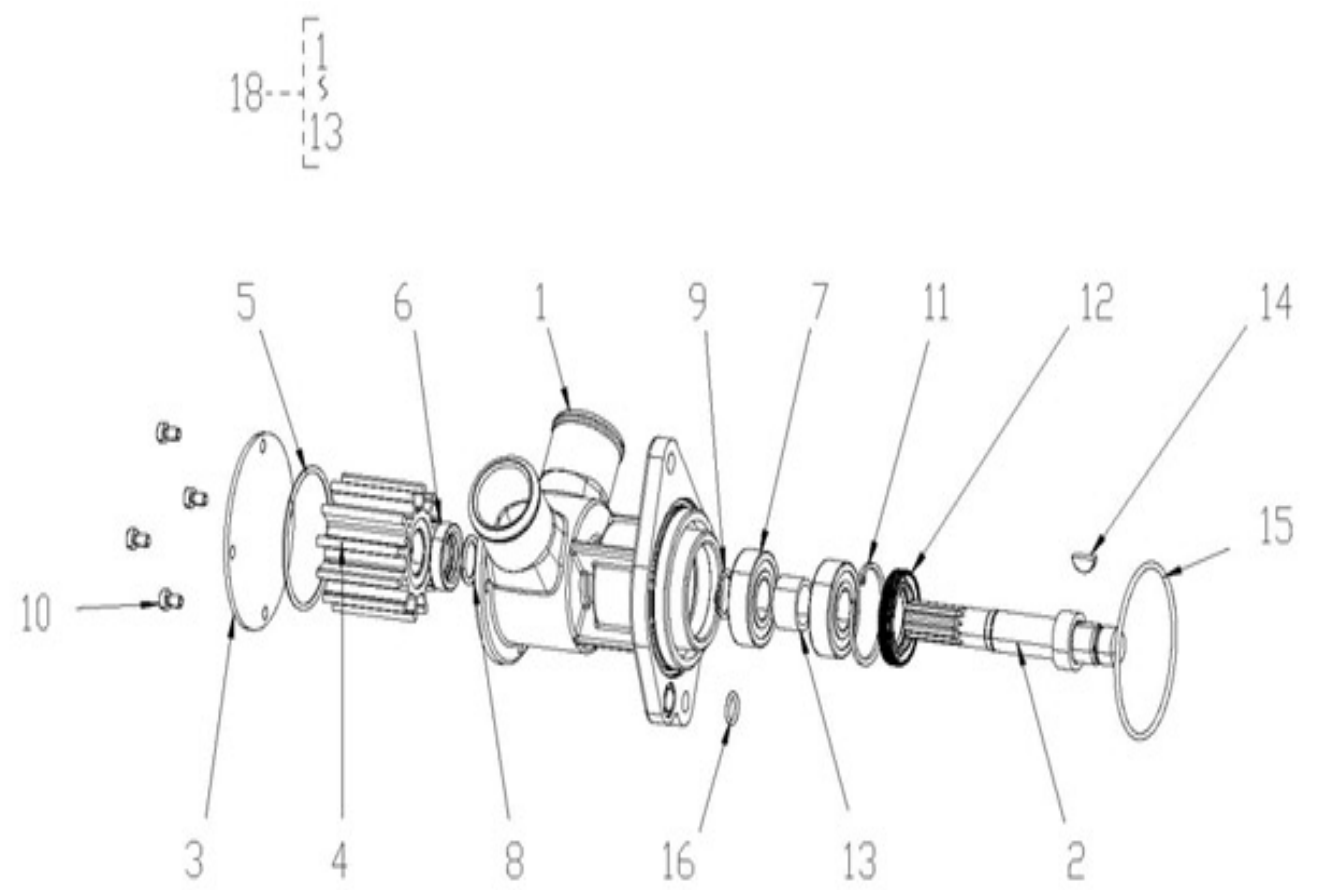


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Brand: NanniDiesel
 Model: Moteur T4.165 T4.180 T4.200
 Version: Standard
 Subassembly: Sea water pump spare parts

N.	Item	Description	Qty	Notes
1	970312420	BODY	1	
2	970312421	SHAFT	1	
3	970312422	END COVER	1	
4	970312423	IMPELLER	1	
5	970312424	O RING	1	
6	970614516	O-RING SEAL	1	
7	970312426	BALL BEARING	2	
8	970614626	O-RING,WATER PUMP F7B-9/10	1	
9	970304049	CIR-CLIP	1	
10	970312429	SCREW	4	
11	970614627	RING,RETAINING	1	
12	970312430	LIP SEAL	1	
13	970312431	SPACER	1	
14	55303041	KEY	1	
15	48418165	O RING	1	
16	970302856	O-RING	1	
17	970312432	REPAIR KIT	1	
18	970311169	WATER PUMP	1	



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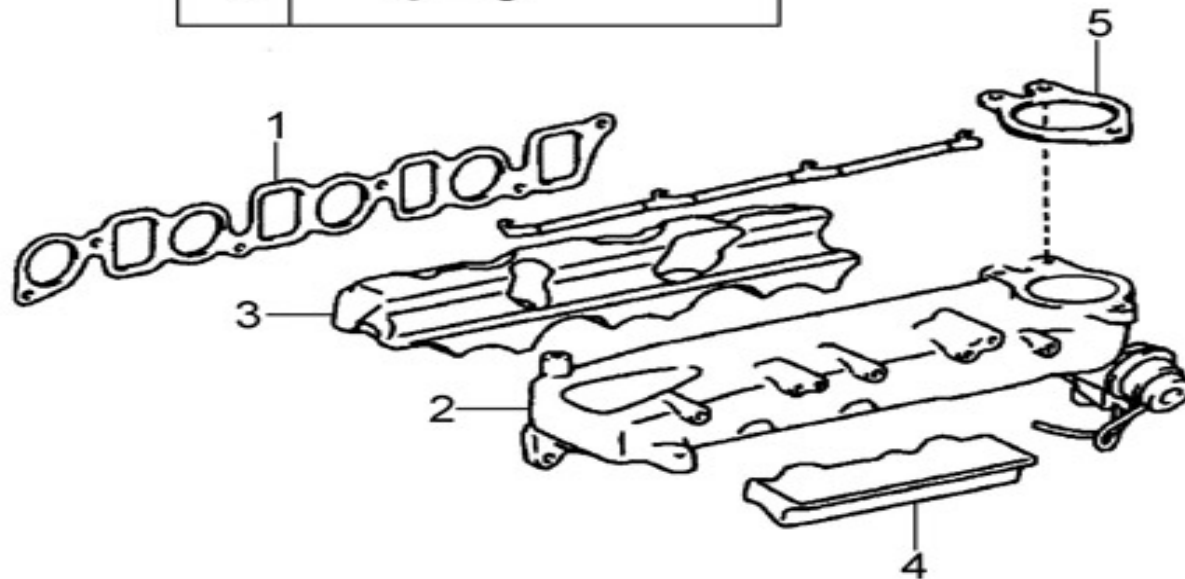
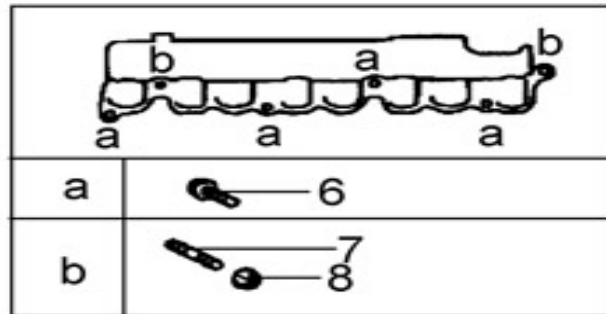
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Intake manifold

N.	Item	Description	Qty	Notes
1	970314045	GASKET, INTAKE MANIFOLD TO - HEAD	1	
2	970314040	MANIFOLD, INTAKE	1	
3	970314041	INSULATOR, INTAKE MANIFOLD, - No.1	1	
4	970314042	INSULATOR, INTAKE MANIFOLD, - No.2	1	
5	970314072	GASKET, DIESEL THROTTLE	1	
6	970314139	BOLT, FLANGE	1	
7	970312024	STUD	2	
8	970312677	NUT	2	



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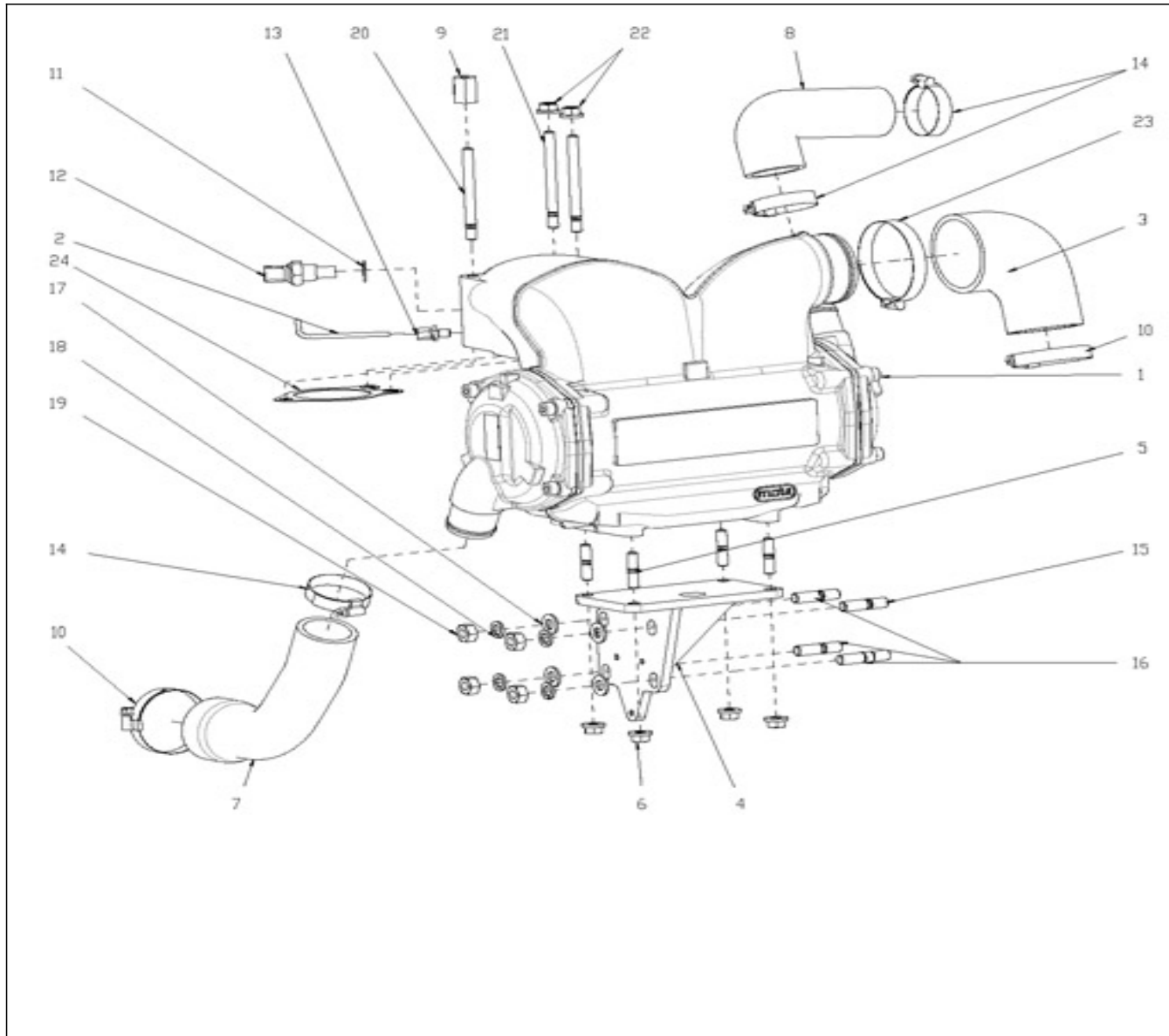
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Intercooler



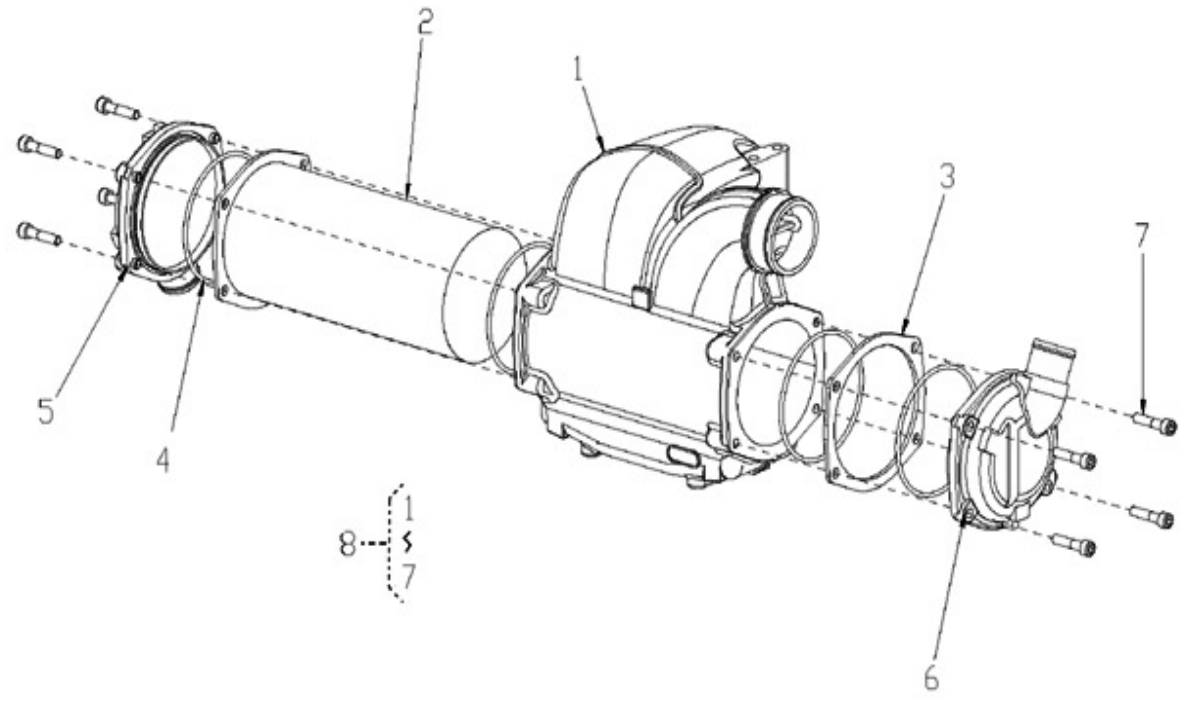
N.	Item	Description	Qty	Notes
1	48300391	INTERCOOLER	1	
2	51306122	PIPE	1	
3	51850005	Air Hose 1	1	
4	95310664	BRACKET	1	
5	970300057	STUD,M 8X 20 (+++FIX TURBO)	4	
6	39460916	NUT (+++FIX ECHANGEUR)	4	
7	48328140	HOSE	1	
8	48328128	Sea Water Hose 4	1	
9	43320300	Nut, long, M8-M6	1	
10	970634621	CLAMP,HOSE	2	
11	970314112	GASKET	1	
12	970314086	SENSOR	1	
13	970312881	Nipple for pipe OD 4mm	1	
14	970604533	CLAMP,HOSE 32-44 (QUANTITE 8 R.P. 4 LE 19/06/2008)	3	
15	39020403	STUD BOLT (<= N°T103060522)	1	
16	970649725	STUD (=> N°T10306523)	3	
17	970302935	WASHER,PLAIN D10	4	
18	970119136	WASHER,SPRING D10 (POUR INVERSEUR)	4	
19	970119143	NUT, M10	4	
20	39020337	STUD	1	
21	39020329	STUD BOLT	2	
22	39460916	NUT (+++FIX ECHANGEUR)	2	
23	48701020	CLAMP	1	
24	970314072	GASKET, DIESEL THROTTLE	1	

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Brand: NanniDiesel
Model: Moteur T4.165 T4.180 T4.200
Version: Standard
Subassembly: Intercooler Spare parts

N.	Item	Description	Qty	Notes
1	970314991	CORP INTERCOOLER 48300391	1	
2	970312415	TUBE STACK	1	
3	970312416	SPACER	1	
4	48418168	O RING	4	
5	970314990	CALOTTE ENTREE EAU DE MER INTERCOOLER	1	
6	970314989	CALOTTE SORTIE EAU DE MER INTERCOOLER	1	
7	970635916	BOLT,SOCK M 8X 35 (+++ FIX COUDE ECHAP)	8	

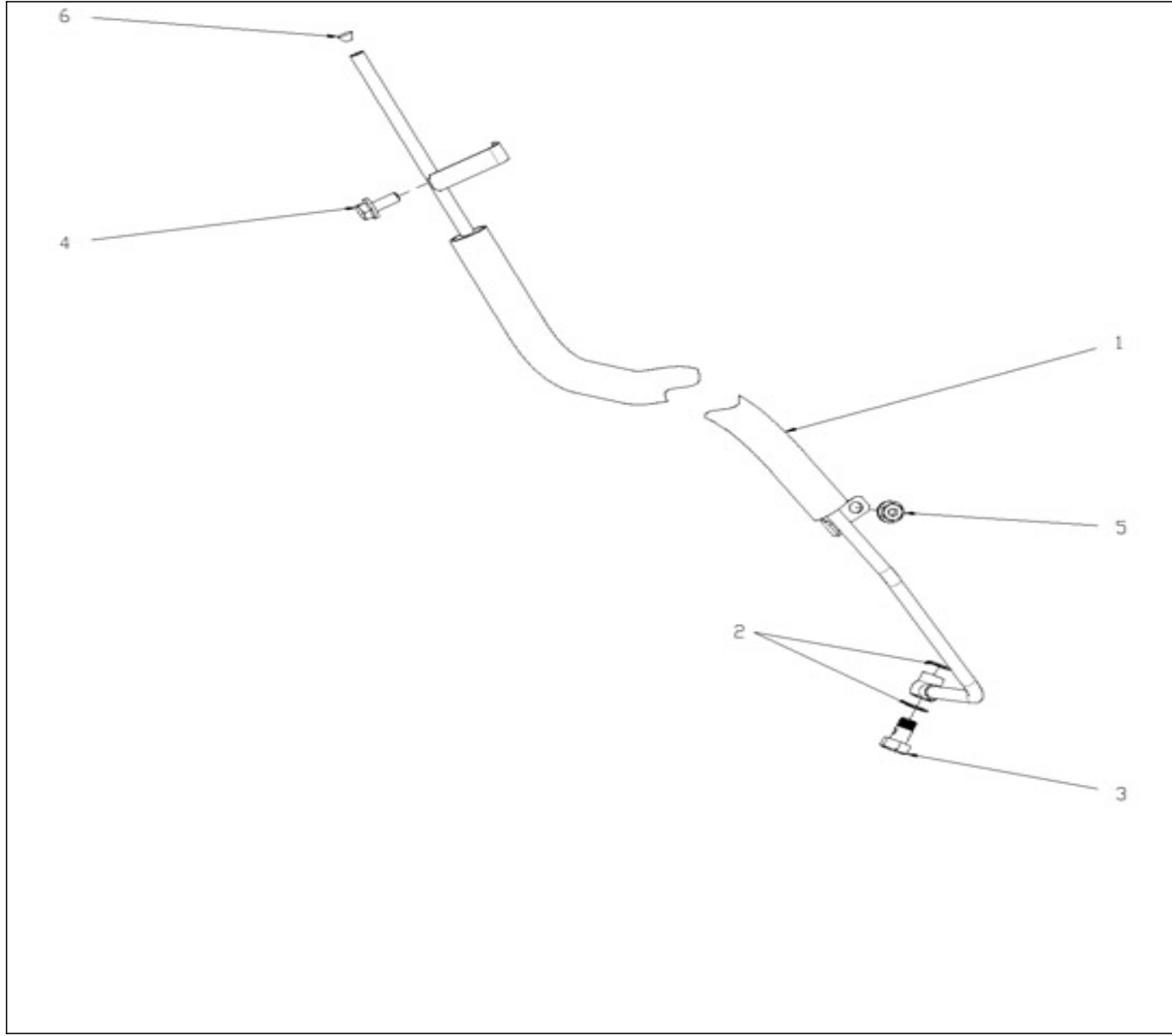


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Brand: NanniDiesel
Model: Moteur T4.165 T4.180 T4.200
Version: Standard
Subassembly: Oil extraction

N.	Item	Description	Qty	Notes
1	51310005	Oil Drain Hose	1	
2	970300325	RING,SEAL D12	2	
3	970312248	BOLT, UNION	1	
4	39160662	BOLT	1	
5	39460916	NUT (+++FIX ECHANGEUR)	1	
6	970310164	Cap	1	

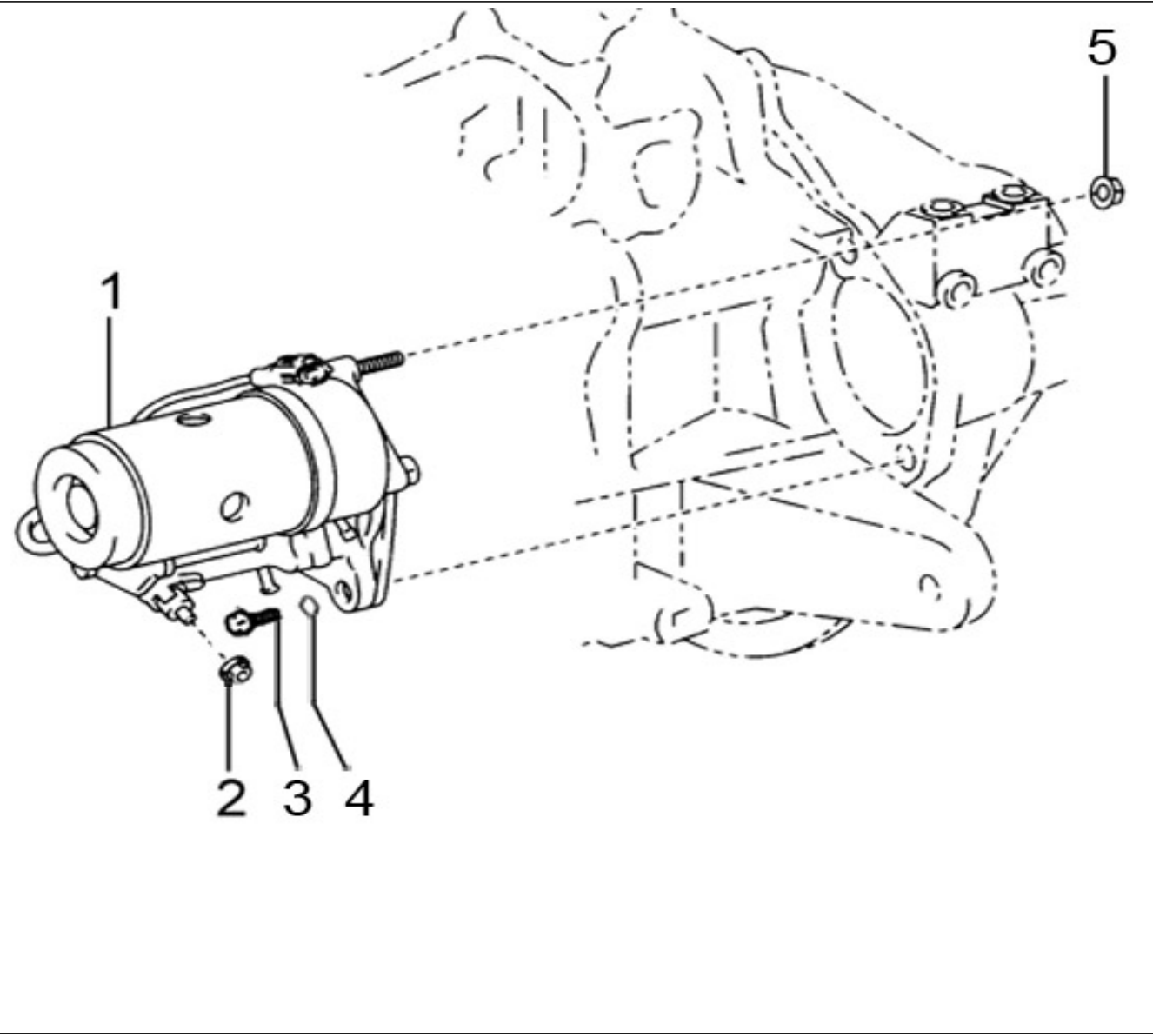


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Brand: NanniDiesel
Model: Moteur T4.165 T4.180 T4.200
Version: Standard
Subassembly: Starter motor

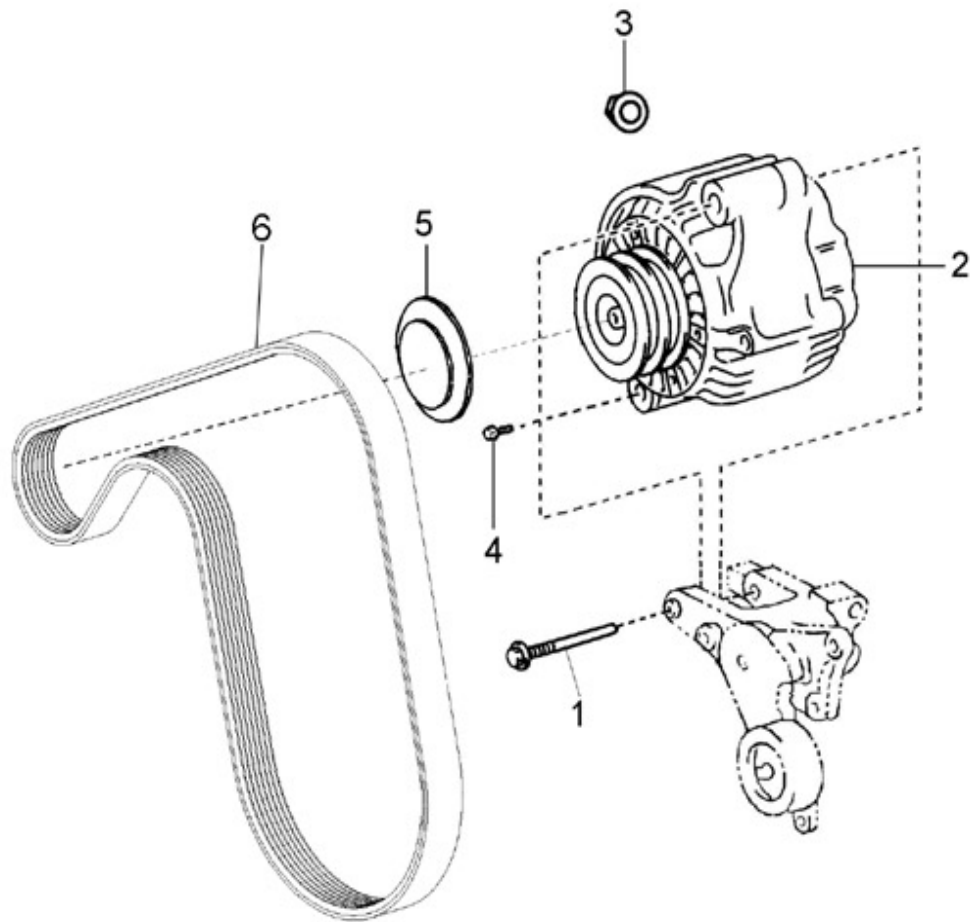
N.	Item	Description	Qty	Notes
1	970312328	STARTER ASSY	1	
2	970312329	NUT	1	
3	39160549	BOLT	1	
4	970647606	WASHER, CORRUGATED D12 (POUR POULIE DP 240	1	
5	970314099	NUT	1	



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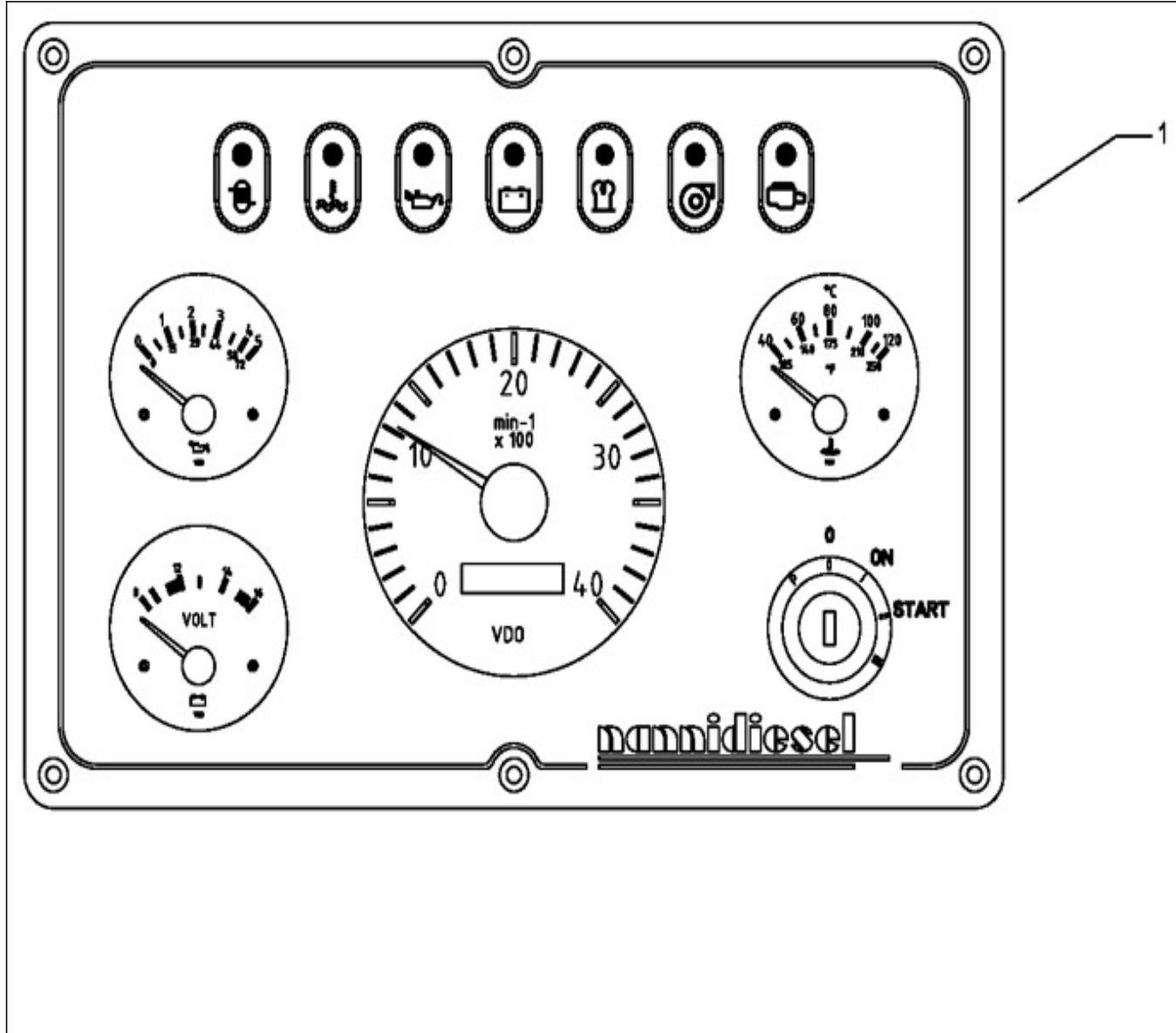
Brand: NanniDiesel		N.	Item	Description	Qty	Notes
Model: Moteur T4.165 T4.180 T4.200		1	970312336	BOLT	1	
Version: Standard		2	970314073	ALTERNATOR ASSY,W/REGULATOR	1	
Subassembly: Alternator Assy. Std.		3	970314150	** Std Part [NUT, FLANGE]	1	
		4	970314142	BOLT,FLANGE	1	
		5	970314074	CAP, ALTERNATOR PULLEY	1	
		6	970313801	BELT, ALTERNATOR	1	



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Brand: NanniDiesel	N.	Item	Description	Qty	Notes
Model: Moteur T4.165 T4.180 T4.200	1	674455	PANEL	1	
Version: Standard					
Subassembly: Panel C					



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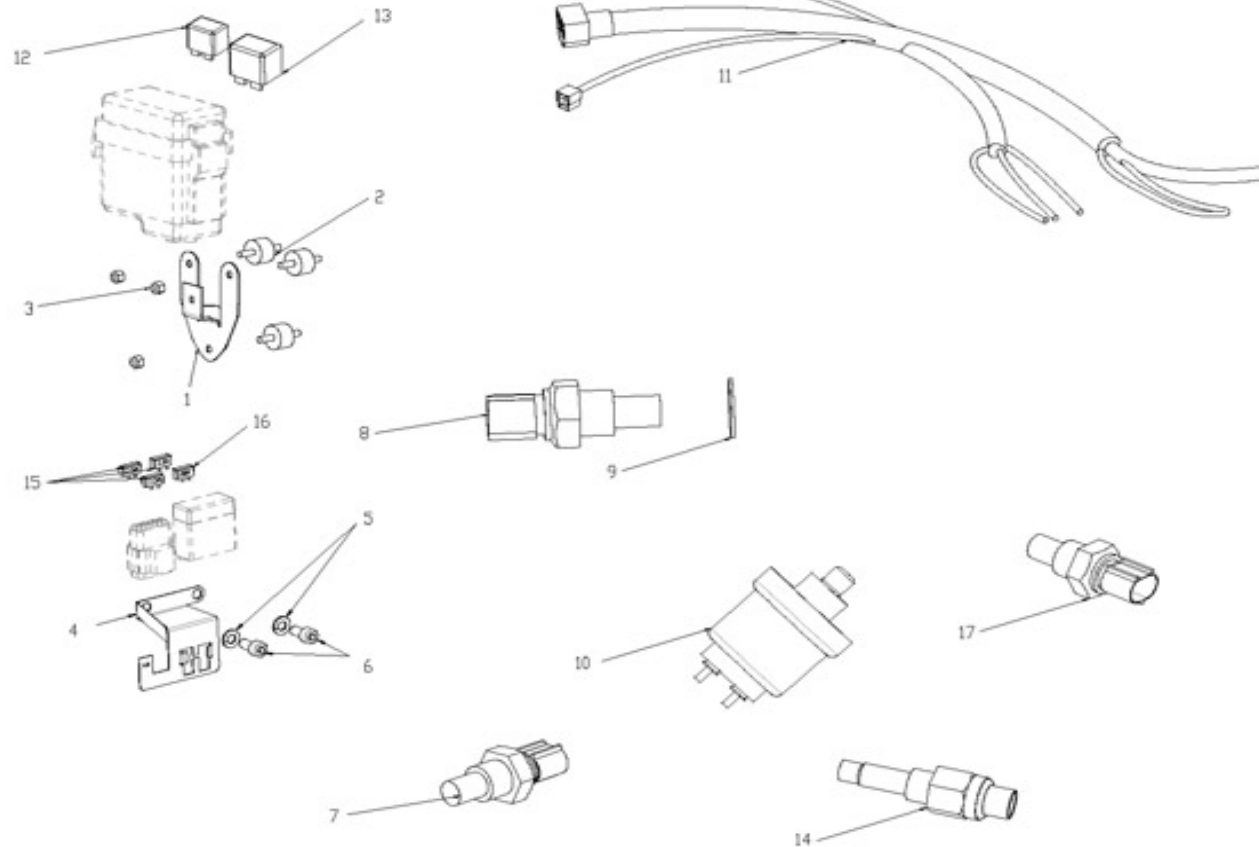
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Electrics



N.	Item	Description	Qty	Notes
1	95310661	Relay Box Bracket	1	
2	970312775	Insulator M/M, M4	3	
3	39360919	Nut,lock, M4	3	
4	95310670	Fuse box/CAN connector - Bracket	1	
5	970119138	WASHER,SPRING D 8 (TENDEUR)	2	
6	39160663	BOLT	2	
7	970314088	SENSOR, FUEL TEMPERATURE	1	
8	970314086	SENSOR	1	
9	970314112	GASKET	1	
10	48201143	OIL PRESSURE SENDER (Remplace 307091 à partir du	1	
11	674435	Wireharness Set	1	
12	970314127	RELAY	1	
13	970314077	RELAY	1	
14	970314776	SONDE TEMPERATURE EAU INDICATEUR TABLEAU DE	1	
15	970313326	FUSE	3	
16	970313325	FUSE	1	
17	970312269	TURBO WATER SENSOR	1	

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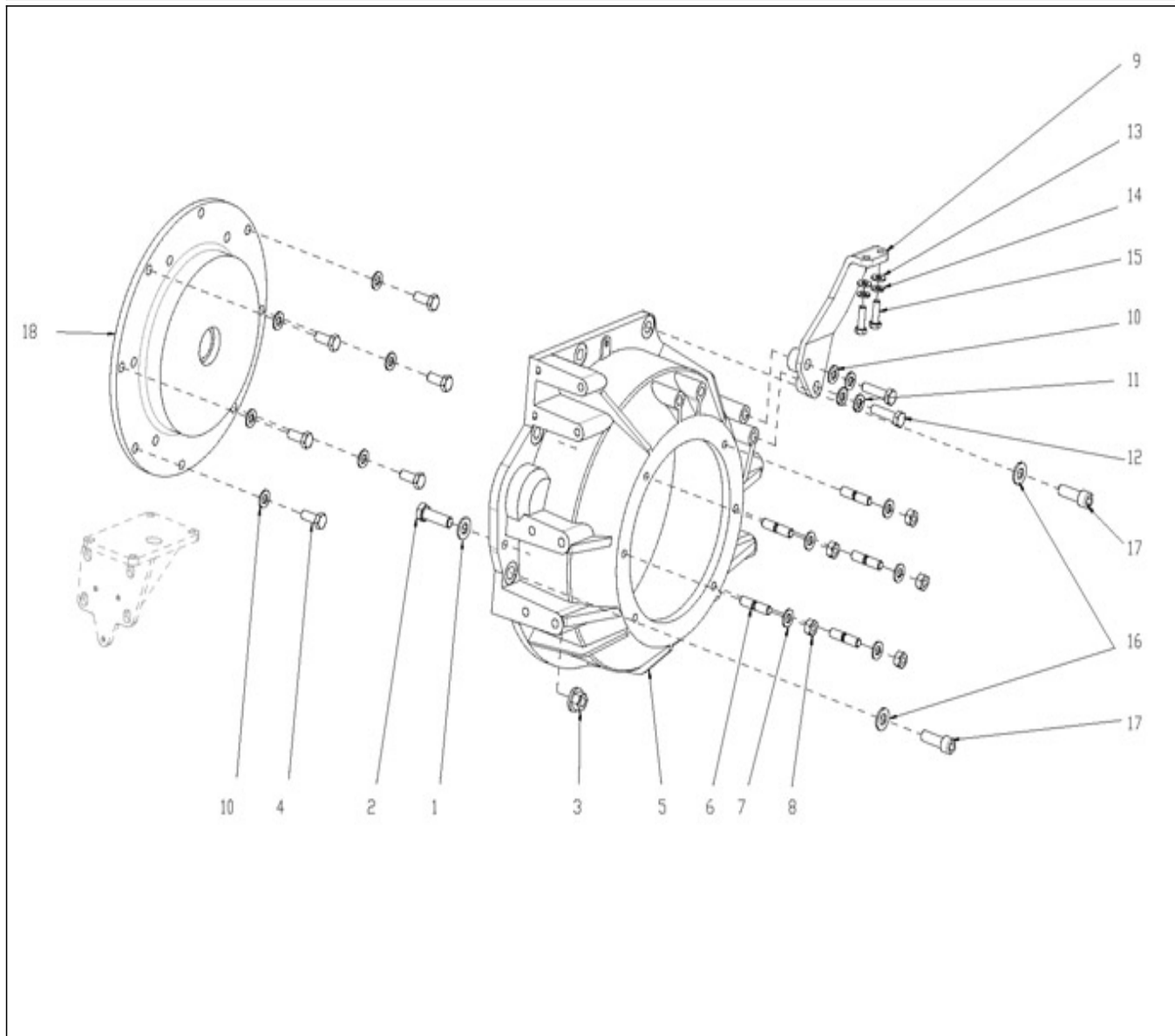
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Flywheel housing



N.	Item	Description	Qty	Notes
1	970647606	WASHER,CORRUGATED D12 (POUR POULIE DP 240	1	
2	39160549	BOLT	1	
3	970314099	NUT	1	
4	970300044	BOLT,HEX M10X1,25X 25 (+++ FIX . SUPPORT)	6	
5	95200229	HOUSING	1	
6	970649725	STUD (=> N°T10306523)	5	
7	970119137	WASHER,CORRUGATED D10	5	
8	970119143	NUT, M10	5	
9	95310546	SUPPORT	1	
10	970119135	WASHER,PLAIN D10 (DONT DEUX POUR CALAGE GALET	8	
11	970119136	WASHER,SPRING D10 (POUR INVERSEUR)	2	
12	970301583	BOLT,HEX M10X 40 (POUR INVERSEUR)	2	
13	970027323	WASHER,PLAIN D 8	2	
14	970119138	WASHER,SPRING D 8 (TENDEUR)	2	
15	970409603	BOLT,HEX M 8X 25 (FIX SUP ALT)	2	
16	970647606	WASHER,CORRUGATED D12 (POUR POULIE DP 240	5	
17	39129510	BOLT	5	
18	48100934	DAMPER TORFLEX 630	1	

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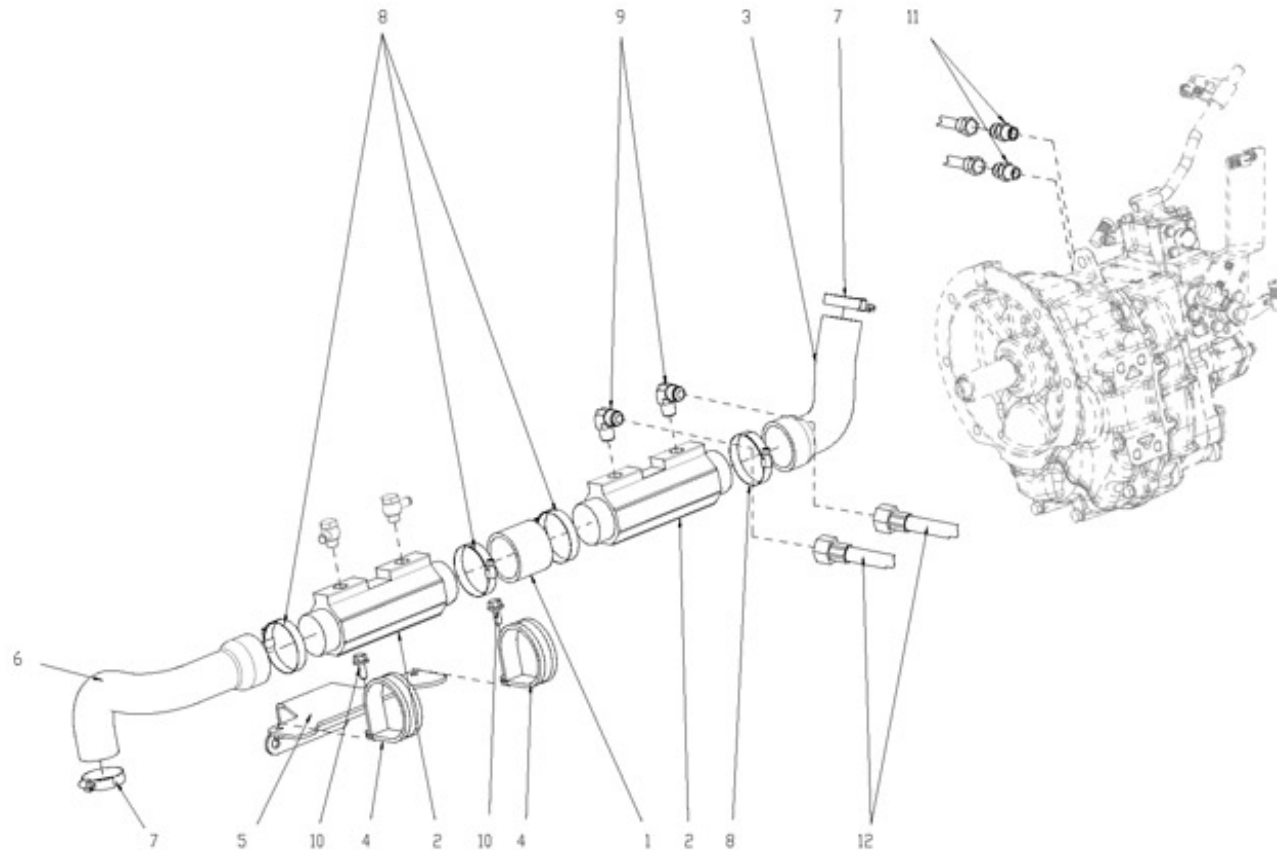
Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: oil cooler gear box

N.	Item	Description	Qty	Notes
1	51852001	Sea Water Hose 5	1	
2	48300399	Fuel cooler / Oil cooler	2	
3	48328140	HOSE	1	
4	48100909	CLAMP	2	
5	95310708	BRACKET	1	
6	48328139	HOSE	1	
7	970604533	CLAMP,HOSE 32-44 (QUANTITE 8 R.P. 4 LE 19/06/2008)	2	
8	970634621	CLAMP,HOSE	4	
9	48300339	COUDE 90D JIC 3/4-3/8 BSP (++)Mettre en bourriche)	2	
10	39160662	BOLT	2	
11	48300084	ELBOW	2	
12	48300395	HOSE	2	

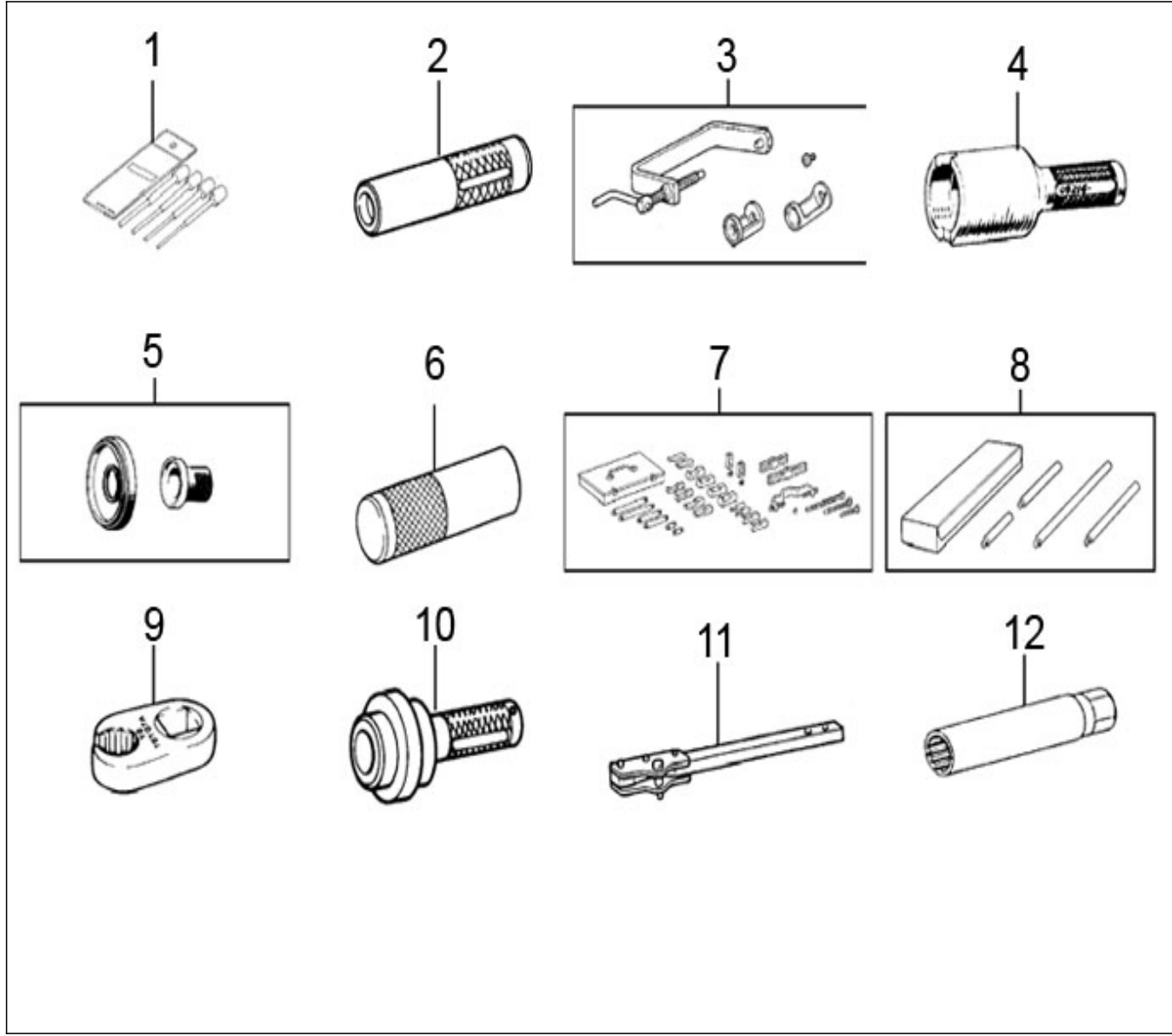


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Brand: NanniDiesel
Model: Moteur T4.165 T4.180 T4.200
Version: Standard
Subassembly: Tools

N.	Item	Description	Qty	Notes
1	970312733	VALVE GUIDE BUSHING REMOVER & - REPLACER SET	1	
2	970312764	VALVE STEM OIL SEAL REMOVER	1	
3	970312372	VALVE TOOL	1	
4	970312738	CRANKSHAFT PULLEY REPLACER	1	
5	970312745	CRANKSHAFT OIL SEAL REPLACER	1	
6	970313927	(SST)FRONT HUB INNER BEARING - CONE REPLACER	1	
7	970312753	PULLER B SET	1	
8	970312748	HANDLE SET	1	
9	70804009	INJECTOR TOOL	1	
10	970312376	TOOL	1	
11	970312752	COMPANION FLANGE HOLDING TOOL	1	
12	970313928	(SST)SENSOR SOCKET WRENCH	1	



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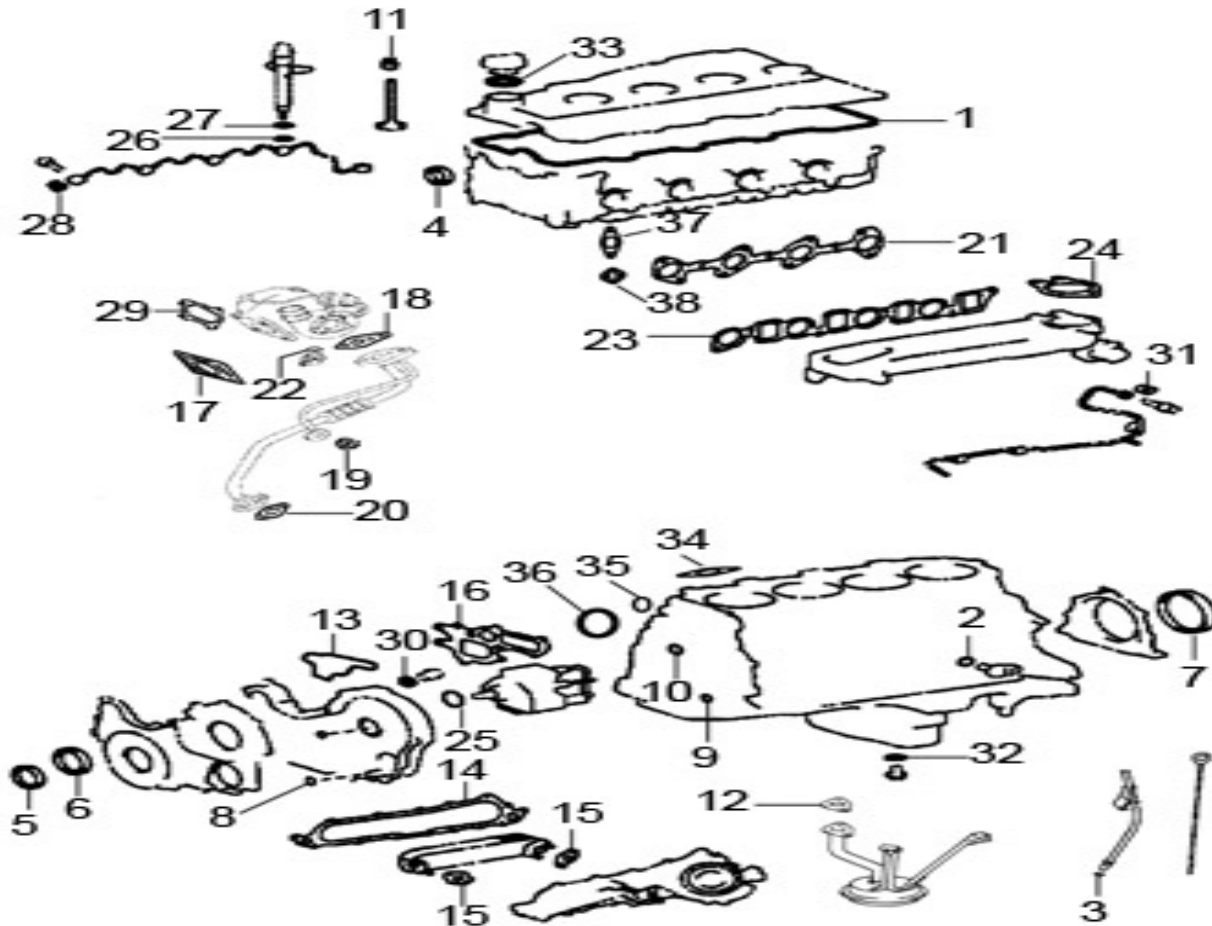
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Brand: NanniDiesel

Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Gasket set



N.	Item	Description	Qty	Notes
1	970313942	GASKET, CYLINDER HEAD COVER	1	
2	970314154	RING, O	1	
3	970312101	O-RING - GEAR CASE	1	
4	970312078	GASKET	1	
5	970312082	GASKET	1	
6	970314102	SEAL, TYPE T OIL (FOR TIMING - CHAIN OR BELT COVER)	1	
7	970312088	GASKET	1	
8	970312094	O RING	1	
9	970312101	O-RING - GEAR CASE	1	
10	970312102	O RING	1	
11	970314121	SEAL, VALVE STEM OIL - (FOR VALVE STEM OIL)	16	
12	970312199	GASKET,OILSTRAINER FLANGE	1	
13	970312201	GASKET,OIL PUMP	1	
14	970312206	GASKET	1	
15	970312219	GASKET	2	
16	970312228	GASKET,WATER PUMP,NO.1	1	
17	970312244	GASKET TURBO	1	
18	970314029	GASKET, TURBO OIL INLET	1	
19	970314116	GASKET	1	
20	970314030	GASKET, TURBO OIL OUTLET, NO.1	1	
21	970314043	GASKET, EXHAUST MANIFOLD	1	
22	970312263	RING,O	1	
23	970314045	GASKET, INTAKE MANIFOLD TO - HEAD	1	
24	970314072	GASKET, DIESEL THROTTLE	1	
25	970312298	RING,O	1	
26	970313940	SEAT, INJECTION NOZZLE	4	
27	970314153	RING, O	4	
28	970314117	GASKET	5	
29	970314047	GASKET, TURBINE OUTLET ELBOW	1	
30	970314026	GASKET, OIL PUMP RELIEF VALVE	1	
31	970314111	GASKET	1	
32	970312064	GASKET	1	
33	970312006	GASKET	1	
34	970312259	GASKET	1	
35	970312048	RING O	1	
36	970314037	GASKET,THERMOSTAT	1	
37	970314035	GASKET	1	
38	970314071	GASKET,EGR INLET	1	

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Brand: NanniDiesel

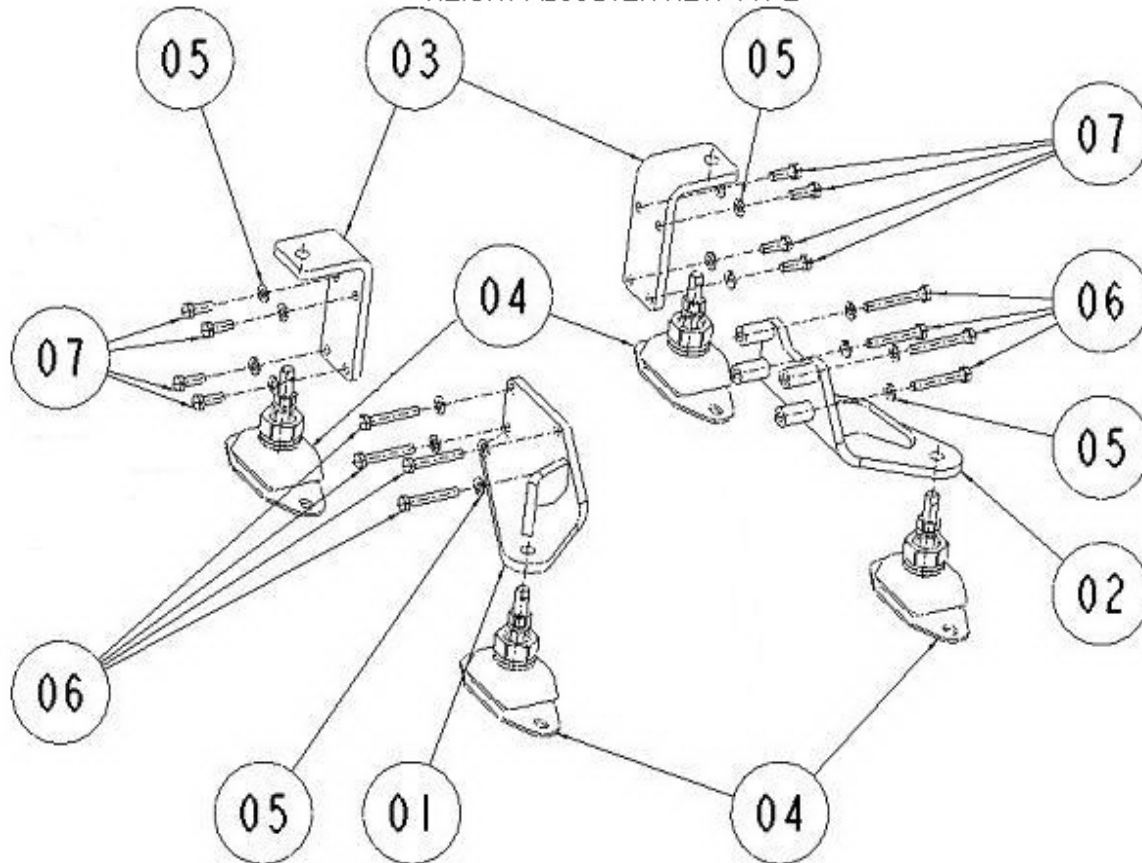
Model: Moteur T4.165 T4.180 T4.200

Version: Standard

Subassembly: Engine mount

N.	Item	Description	Qty	Notes
1	95310887	BRACKET	1	
2	95310886	BRACKET	1	
3	95310540	SUPPORT	2	
4	TA600V02PR	ENS. 2 PLOTS 40 SH ECROU DE REGLAGE	2	
5	970119136	WASHER, SPRING D10 (POUR INVERSEUR)	16	
6	970307695	BOLT (+++ FIX . SUPPORT)	8	
7	970649721	BOLT,HEX M10X 30 (++Fixer support refroid sans bloquage)	8	

REGLAGE ALTIMETRIQUE NOUVEAU MODELE
HEIGHT ADJUSTER NEW TYPE



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