

SPARE PARTS CATALOGUE

Brand: NANNI DIESEL

Model: Moteur 3.100HE

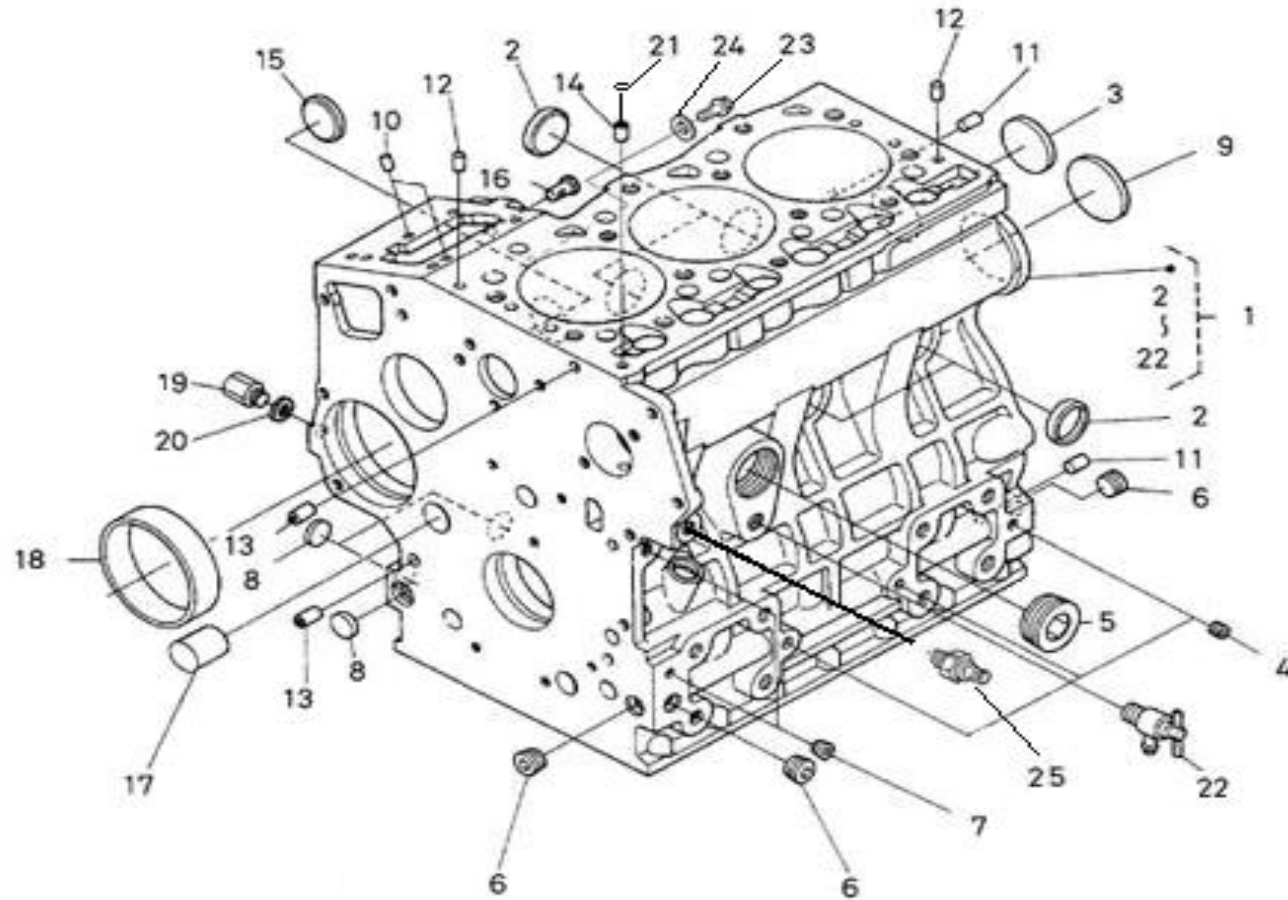
Version: Standard

Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Crank case / Cylinders



N.	Item	Description	Qty	Notes
1	970310310	COMP.CRANKCASE (<= WY9999)	1	<= WY9999
1	970313224	COMP.CRANKCASE (=> N° XA0001)	1	=> N° XA0001
1	970313225	COMP.CRANKCASE (=> N° 4A0001)	1	=> N° 4A0001
2	970140104	CAP, FREEZE	4	
3	970301938	CAP,FREEZE	1	
4	970490107	PLUG,SOCK (SERRAGE A 6NM)	3	
5	970310311	PLUG (<= N°KT08090422)	1	
6	970302703	PLUG,SOCK	3	
7	970490108	PLUG,SOCK	2	
8	970301903	PLUG	3	
9	970301904	PLUG,EXPANSION	1	
10	970140109	PIN, CYLINDRICAL	2	
11	970490111	PIN,CYLINDRICAL	2	
12	970310313	PIN,STRAIGHT (<= WY9999)	2	<= WY9999
12	970313226	PIN,STRAIGHT (=> N° XA0001)	1	=> N° XA0001
13	970490113	PIN,PIPE	2	
14	970302706	PIN,PIPE	1	
15	970302707	CAP,FREEZE	1	
16	970304110	PIN,START SPRING	1	
17	970310532	PLUG	1	
18	970302709	BUSH,GOVERNOR GEAR	1	
19	970301912	PLUG	1	
20	970491131	WASHER,SEAL	1	
21	970490116	O-RING (<= N°KTH0804182)	1	
22	970140114	PLUG, DRAIN -400	1	
23	970313227	PIN,STRAIGHT (=> N° XA0001 <= 3Z0001)	1	=> N° XA0001 <= 3Z0001
24	970150403	RING,SEAL (=> N° XA0001 <= 3Z0001)	1	=> N° XA0001 <= 3Z0001

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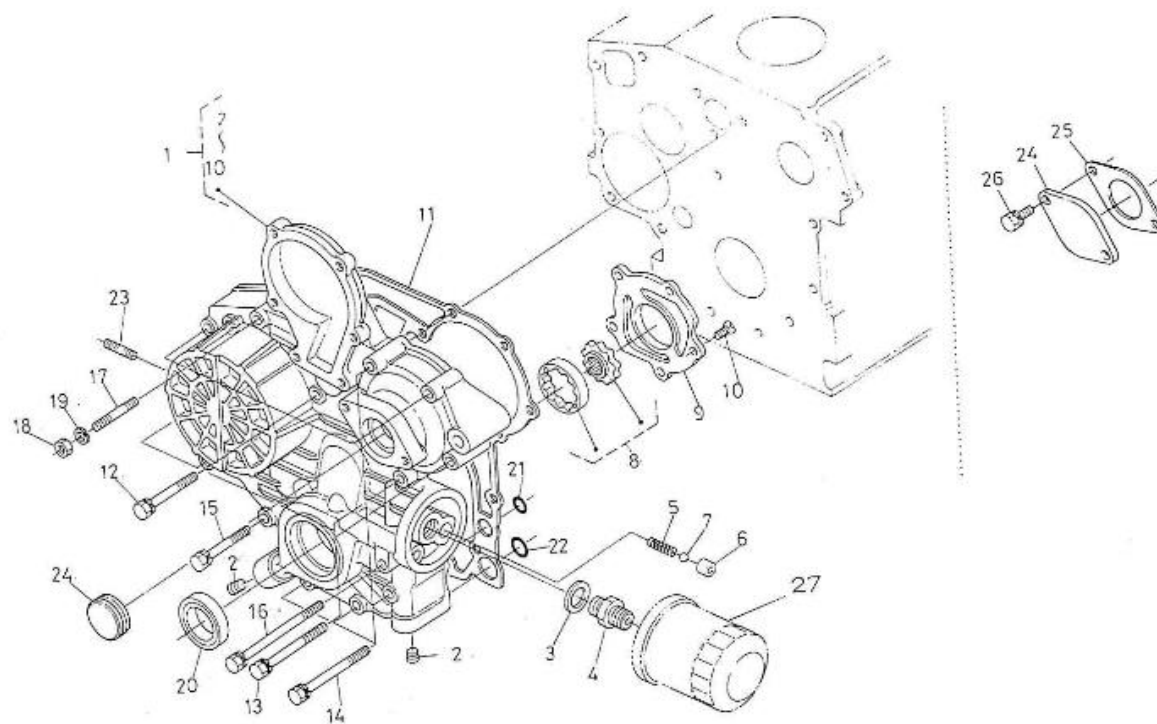
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Timing case



N.	Item	Description	Qty	Notes
1	970302726	COVER,TIMING CASE CPL.4.150	1	
2	970310315	PLUG	2	
3	970302073	GASKET,RING	1	
4	970302728	NIPPLE	1	
5	970302729	SPRING	1	
6	970302730	SEAT,VALVE	1	
7	970302731	BEARING,BALL	1	
8	970302732	ASSY,ROTOR OIL PUMP	1	
9	970302733	COVER,OIL PUMP	1	
10	970302734	SCREW,ROUND HEAD	5	
11	970302735	GASKET,TIMING CASE 4.150	1	
12	970302736	BOLT,M 6X 45	3	
13	970302737	BOLT,M 6X 50 (A PARTIR DU N°KTH08040183)	6	
14	970302738	BOLT,M 6X 55	2	
15	970144311	BOLT	1	
16	970302739	BOLT	1	
17	970302740	STUD,M 6X 45	1	
18	970151133	NUT,M 6 (BEFORE N°KTE08070398)	1	
19	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	1	
20	970302741	SEAL,OIL	1	
21	970302003	O-RING	2	
22	970301922	O-RING	2	
23	970492513	STUD, M 6X 16	2	
24	970302743	COVER,H/METER UNIT	1	
25	970302744	GASKET,H/METER UNIT	1	
26	970491117	BOLT,M 6X 16	2	
27	970302742	FILTER,ELEMENT OIL 4.150 3.110	1	

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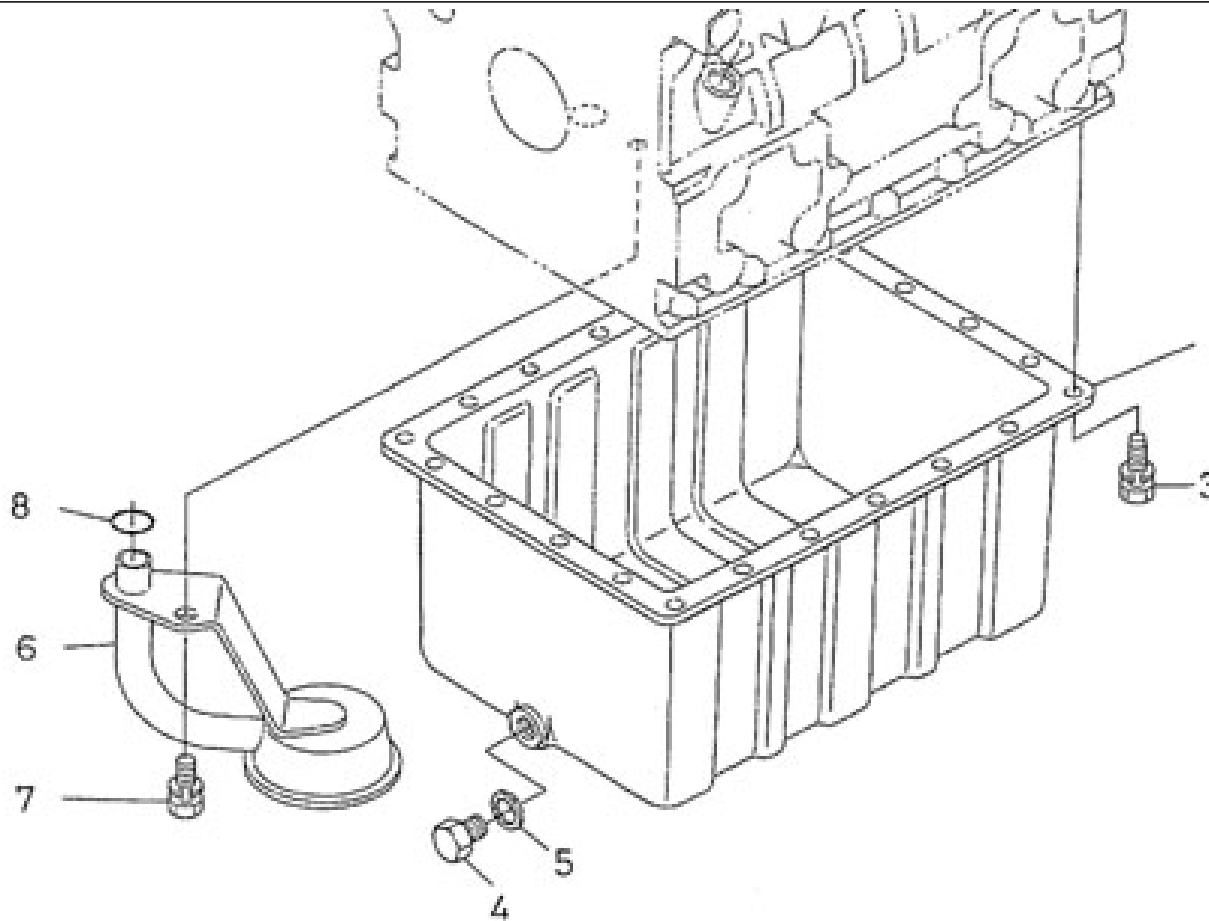
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Oil pan

N.	Item	Description	Qty	Notes
1	970307101	COMP.OIL PAN	1	
3	970140123	BOLT ,M 6X12 (AFTER N°KTE08070398)	22	
4	970312825	PLUG,DRAIN	1	
5	970150128	WASHER,DRAIN PLUG	1	
6	970302714	FILTER,OIL PAN 4.150	1	
7	970490919	BOLT,M 8X 16	1	
8	970301951	O-RING	1	



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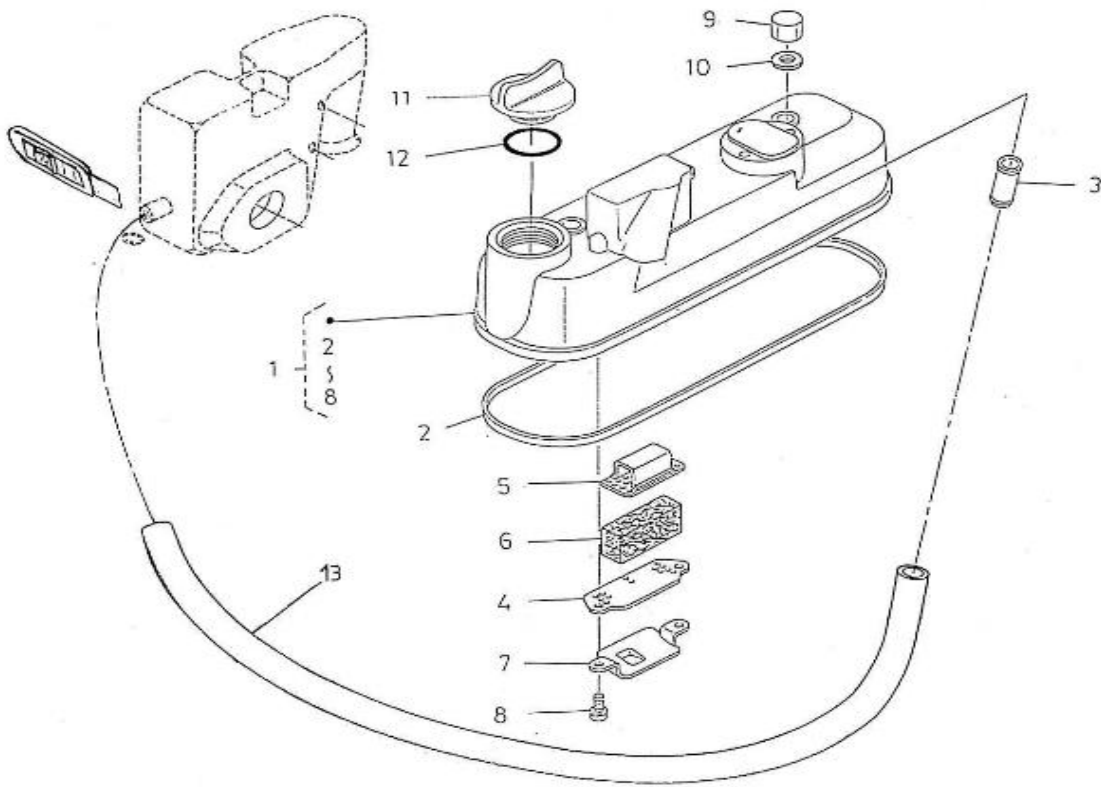
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Cylinder head cover

N.	Item	Description	Qty	Notes
1	970302832	COVER,CYLINDER HEAD 3.110	1	
2	970302833	GASKET,COVER CYL:HEAD 3.110	1	
3	970310345	CONNECTION,HOSE	1	
4	970310346	PLATE,ELEMENT	1	
5	970310347	PLATE,ELEMENT	1	
6	970310348	ELEMENT,BREATHER	1	
7	970310349	OIL SHIELD,BREATHER	1	
8	970490307	SCREW,M 5X 10	2	
9	970490503	NUT,CAP	3	
10	970490505	GASKET,RING	3	
11	970490510	CAP,FILLING OIL	1	
12	970490511	O-RING	1	
13	48328071	HOSE	1	

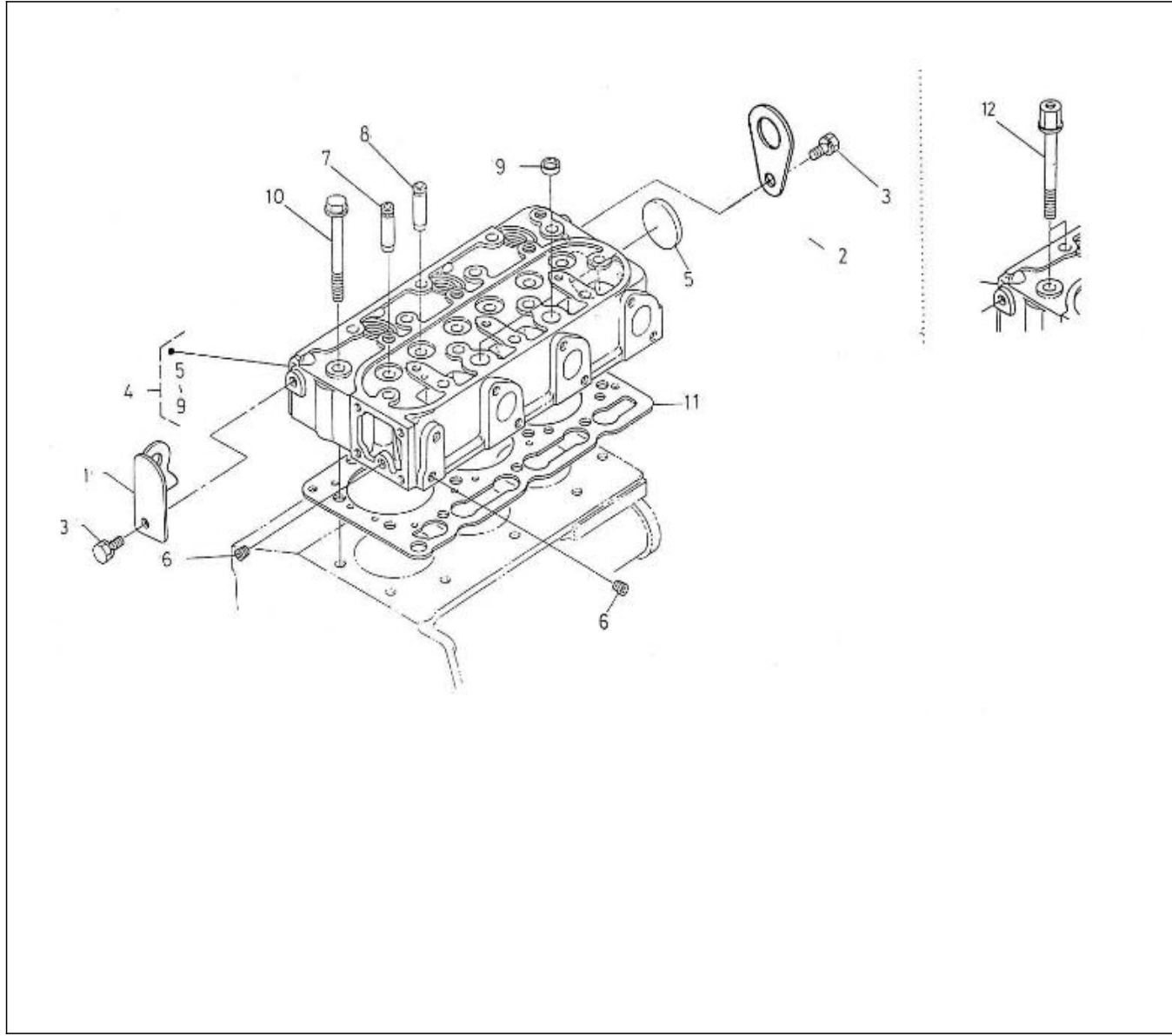


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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Cylinder head

N.	Item	Description	Qty	Notes
1	970302717	HOOK,ENGINE 4.150	1	
2	970490901	HOOK,ENGINE 2.60-3.90-4.110	1	
3	970313311	BOLT	2	
4	970310377	COMP.CYLINDER HEAD	1	
5	970302754	BEARING,MAIN ASSY 4.150 (=> N°KT08090423)	1	
6	970490107	PLUG,SOCK (SERRAGE A 6NM)	2	
7	970302720	GUIDE,VALVE INTAKE 4.150	4	
8	970302721	GUIDE,VALVE EXHAUST 4.150	4	
9	970302722	CAP,FREEZE	3	
10	970302723	BOLT,CYL:HEAD	14	
11	970310379	GASKET,CYL.HEAD NA (<= N°KT08090422)	1	
12	970302724	BOLT,CYL:HEAD	2	



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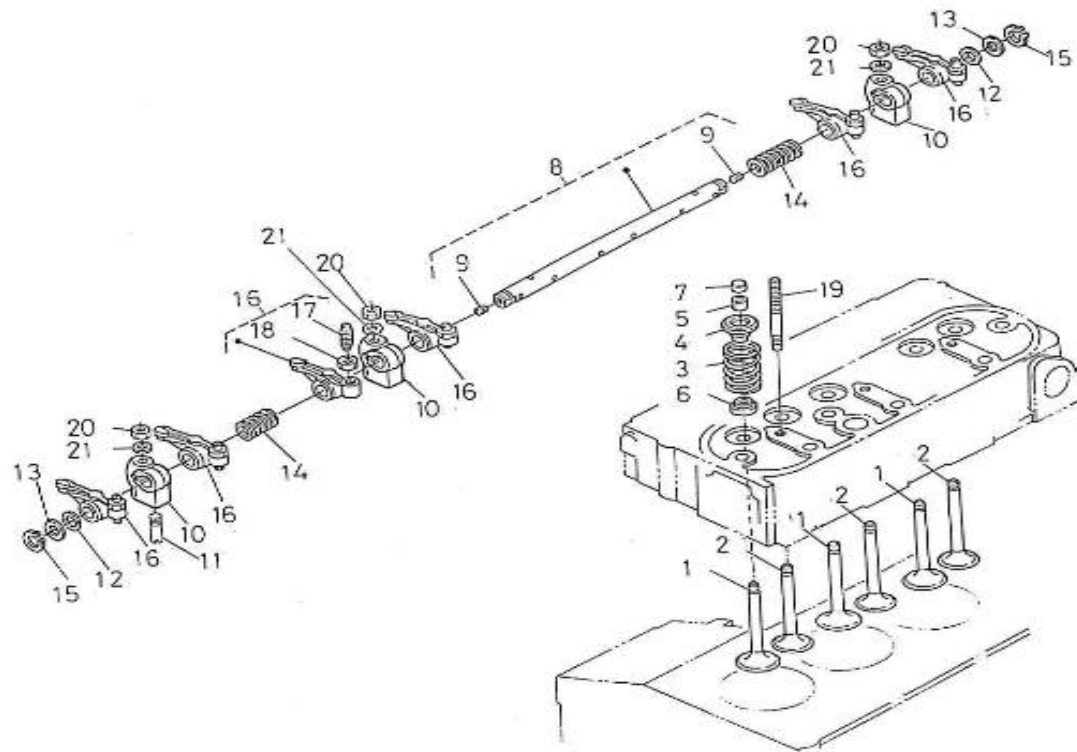
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Valves & Springs



N.	Item	Description	Qty	Notes
1	970302780	VALVE,INTAKE 4.150	3	
2	970302781	VALVE,EXHAUST 4.150	3	
3	970302782	SPRING,VALVE (<= N°KT08090422)	6	
4	970491004	RETAINER,VALVE SPRING	6	
5	970491005	COLLET,VALVE SPRING	6	
6	970311008	INLET VALVE SEAL	6	
7	970491007	CAP,VALVE	6	
8	970304113	ASSY SHAFT,R-ARM	1	
9	970491009	SCREW,SET	2	
10	970302787	BRACKET,ROCKER ARM	3	
11	970491015	SCREW,SET	1	
12	970302789	WASHER,1	2	
13	970302790	WASHER,2	2	
14	970302791	SPRING,ROCKER,ARM	2	
15	970302788	STUD	3	
16	970302793	ASSY,ROCKER ARM 4.150HE	6	
17	970302794	SCREW,ADJUSTING	6	
18	970302795	NUT	6	
19	970302792	CIR-CLIP,EXTERNAL	2	
20	970491013	NUT	3	
21	970491014	WASHER,PLAIN	3	

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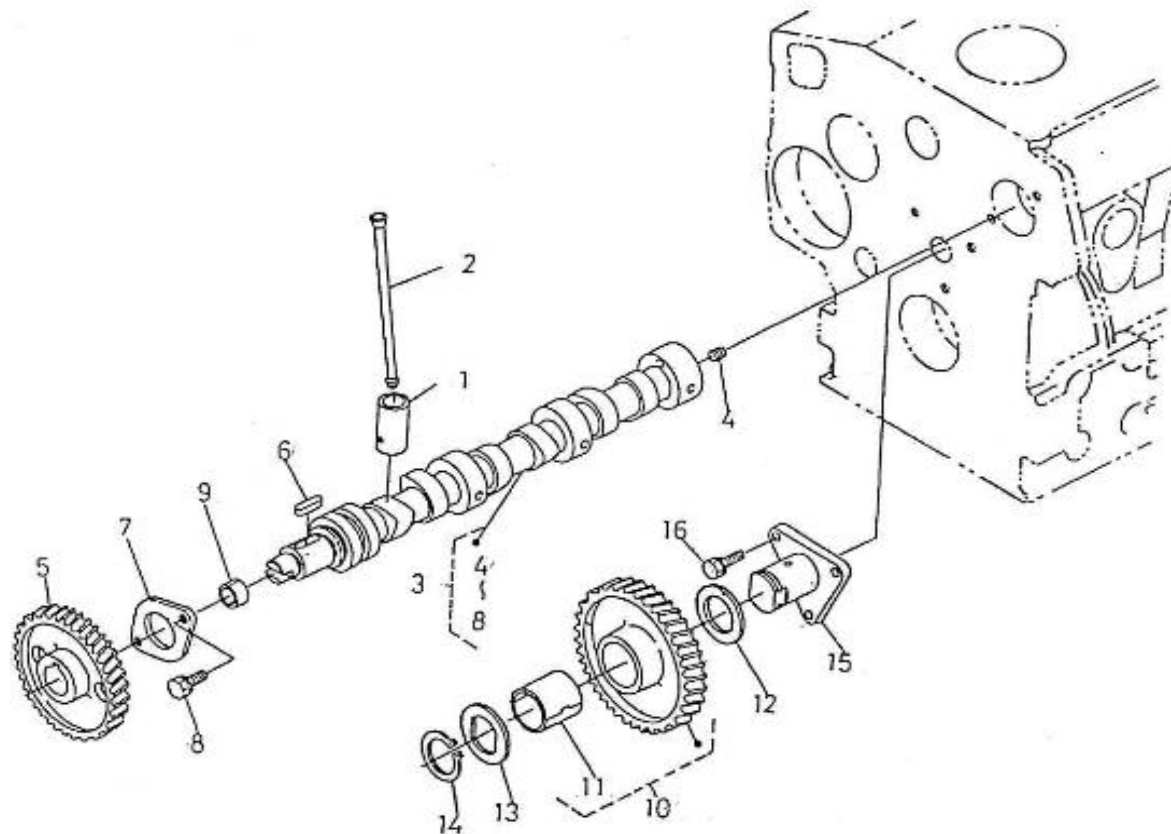
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Camshaft



N.	Item	Description	Qty	Notes
1	970491101	TAPPET (BEFORE N°KTE08070398)	6	
2	970302796	ROD,PUSH	6	
3	970310323	CAMSHAFT	1	
4	970302043	SCREW,SET	1	
5	970302798	GEAR,CAMSHAFT	1	
6	970141106	KEY, FEATHER CAMSHAFT 2.40-4.1	1	
7	970302799	STOPPER,CAMSHAFT	1	
8	970310351	BOLT (BEFORE N°KTE08070398)	2	
9	970310324	COLLAR	1	
10	970302800	GEAR,IDLE CPL.N01	1	
11	970302801	BUSHING,IDLE GEAR	1	
12	970302803	COLLAR,IDLE GEAR 1	1	
13	970302804	COLLAR,IDLE GEAR 2	1	
14	970302805	CIR-CLIP,IDLE GEAR	2	
15	970302806	SHAFT,IDLE GEAR 1	1	
16	970491117	BOLT,M 6X 16	3	

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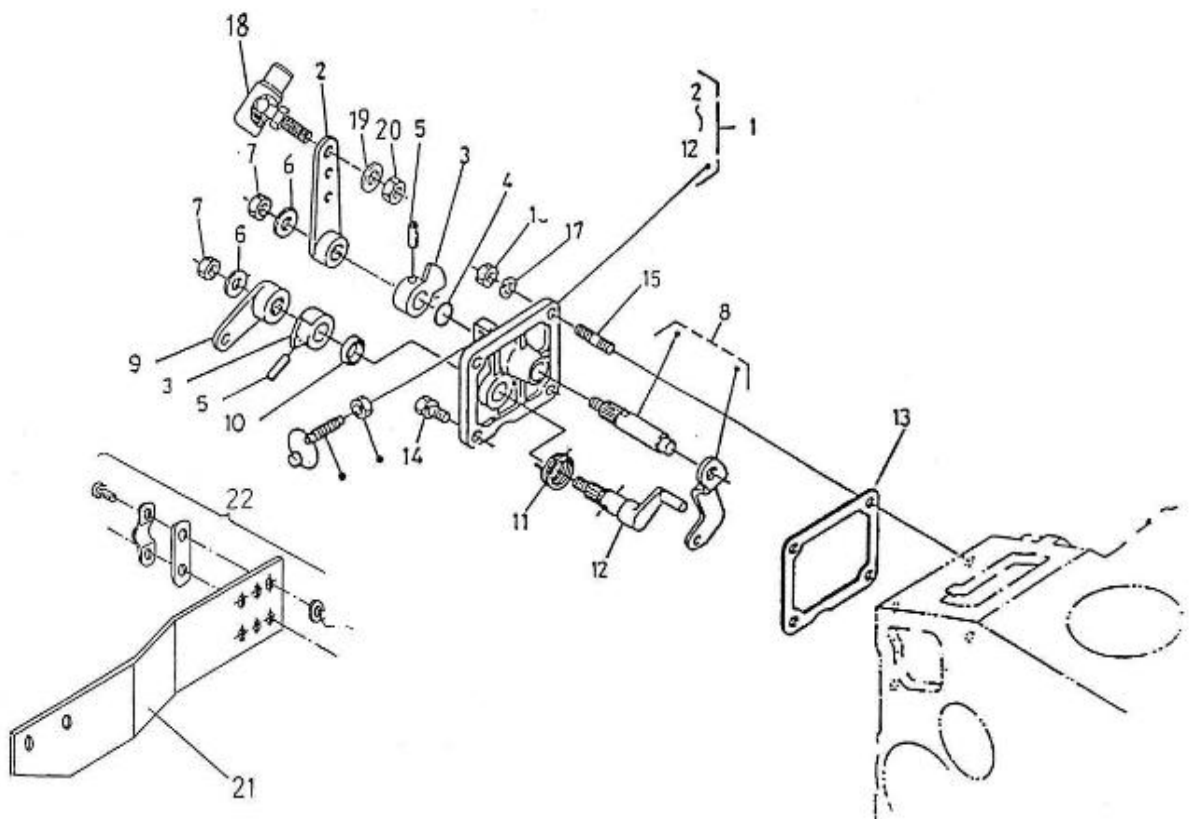
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Speed control

N.	Item	Description	Qty	Notes
1	970302853	PLATE,CONTROL CPL.4.150	1	
2	970302854	LEVER,SPEED CONTROL	1	
3	970302855	LEVER,SPEED CONTROL	2	
4	970302856	O-RING	1	
5	970151130	PIN,SPRING RETAINER	2	
6	970302857	WASHER,PLAIN	2	
7	970302858	NUT	2	
8	970302859	LEVER,GOVERNOR CPL.	1	
9	970302860	LEVER,ENGINE STOP	1	
10	970302861	SEAL,OIL	1	
11	970302862	SPRING,RETURN LEVER	1	
12	970302863	SHAFT,STOP LEVER	1	
13	970302864	GASKET	1	
14	970491117	BOLT,M 6X 16	2	
15	970492513	STUD, M 6X 16	2	
16	970151133	NUT,M 6 (BEFORE N°KTE08070398)	2	
17	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	2	
18	970830124	JOINT	1	
19	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	1	
20	970635460	NUT,M 6	1	
21	970302607	SUPPORT,ACC.CONTROL (S5)	1	
22	970835020	CLAMP	1	



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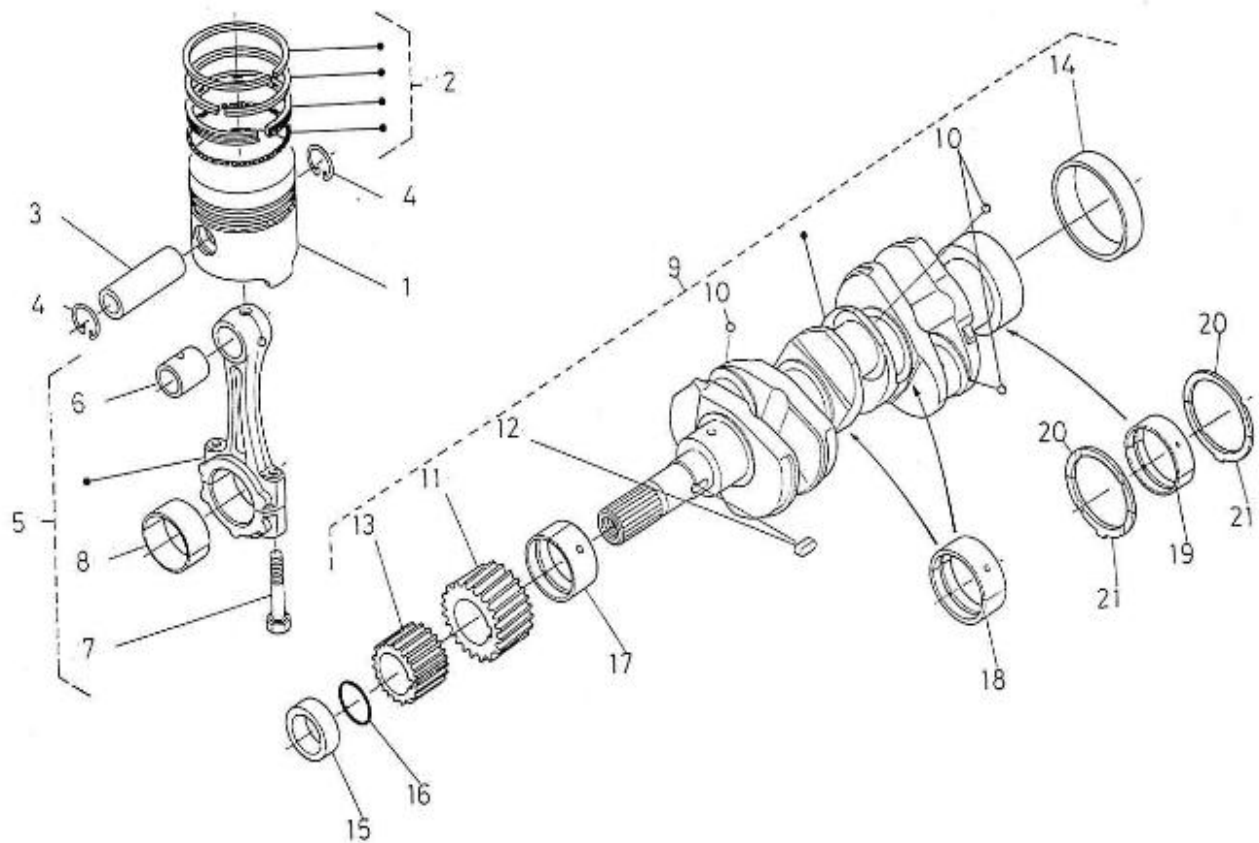
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Crankshaft pistons



N.	Item	Description	Qty	Notes
1	970310353	PISTON (<= N°KT08090422)	3	
1	970310355	PISTON CR 0.50 (<= N°KT08090422)	3	
2	970310356	ASSY RING,PISTON (<= N°KT08090422)	3	
2	970310357	ASSY RING,PISTON 05 (<= N°KT08090422)	3	
3	970302890	PIN,PISTON	3	
4	970302891	CIR-CLIP	6	
5	970302892	ROD,CONNECTING CPL.4.150 (<= N°KT08090422)	3	
6	970302893	BUSH,CONN.ROD (BEFORE N°KTE08070398)	3	
7	970302894	BOLT,CONN.ROD	6	
8	970302774	METAL,CONN.ROD -0.2MM -SET-	3	
8	970302775	METAL,CONN.ROD -0.4MM -SET-	3	
8	970302895	METAL,CONN.ROD STD.-SET-	3	
9	970310358	COMP,CRANK SHAFT	1	
10	970302897	BEARING,BALL	3	
11	970304116	GEAR,CRANKSHAFT	1	
12	970302899	KEY,FEATHER	1	
13	970302900	GEAR,OIL PUMP DRIVE	1	
14	970302901	SLEEVE,CRANKSHAFT	1	
15	970302902	COLLAR,CRANKSHAFT	1	
16	970302903	O-RING,CRANKSHAFT 4.150	1	
17	970302779	METAL,CRANKSHAFT 1 -0,2	1	
17	970302904	METAL,CRANKSHAFT 1 STD. (<= N°KT08090422)	1	
17	970302907	METAL,CRANKSHAFT 1 -0,4	1	
18	970302905	METAL,CRANKSHAFT 2 STD. -SET-	2	
18	970302908	METAL,CRANKSHAFT 2 -0,2 -SET-	2	
18	970302909	METAL,CRANKSHAFT 2 -0,4 -SET-	2	
19	970302906	METAL,CRANKSHAFT 3 STD. -SET-	1	
19	970302910	METAL,CRANKSHAFT 3 -0,2 -SET-	1	
19	970302911	METAL,CRANKSHAFT 3 -0,4 -SET-	2	
20	970301974	METAL,SIDE 1	2	
20	970307345	METAL,SIDE 1-02	2	
20	970302912	METAL,SIDE 1 +0,4	2	
21	970301975	METAL,SIDE 2	2	
21	970302409	METAL,SIDE 2 +0,2	2	
21	970302913	METAL,SIDE 2 +0,4	2	

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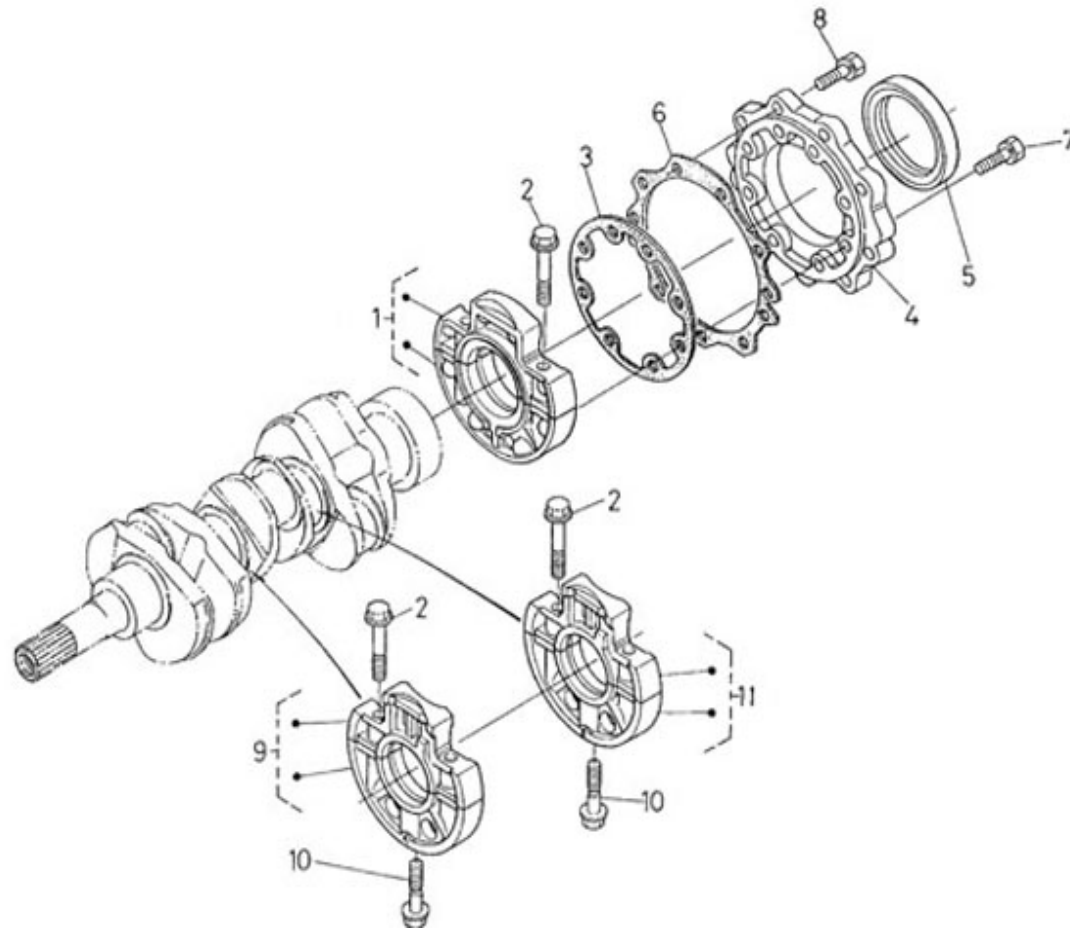
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Crankshaft

N.	Item	Description	Qty	Notes
1	970302754	BEARING,MAIN ASSY 4.150 (=> N°KT08090423)	1	
2	970302755	BOLT,BEARING CASE N01	6	
3	970302756	GASKET,BEARING CASE	1	
4	970302757	COVER,BEARING CASE	1	
5	970302758	SEAL,OIL	1	
6	970302759	GASKET,BEARING CASE	1	
7	970491537	BOLT,M 6X 25	8	
8	970491536	BOLT,M 6X 20	9	
9	970302760	BEARING,MAIN ASSY N01 4.150 (<= N°KT08090422)	1	
10	970302761	BOLT,BEARING CASE N02	2	
11	970302762	BEARING,MAIN ASSY N02 4.150 (<= N°KT08090422)	1	



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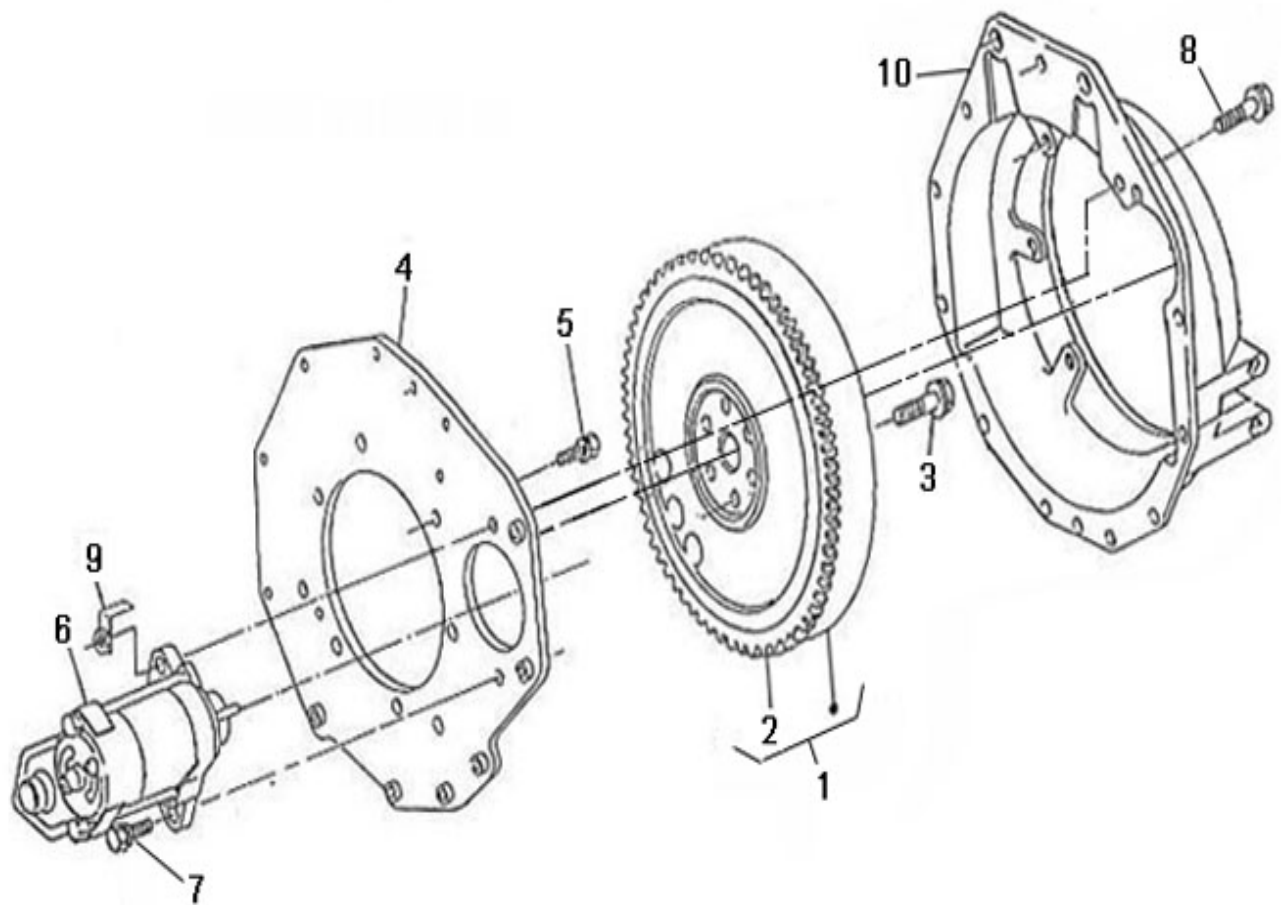
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Flywheel

N.	Item	Description	Qty	Notes
1	970310219	FLYWHEEL	1	
2	970313418	GEAR,RING	1	
3	970302809	BOLT,FLYWHEEL	6	
4	970302810	PLATE,REAR END 4.150	1	
5	970491709	BOLT,REAR END PLATE	8	
6	970517303	STARTER,MOTOR 12V 1,0KW 1P	1	
7	970409603	BOLT,HEX M 8X 25 (FIX SUP ALT)	1	
8	970635917	BOLT,SOCK M 8X 40	1	
9	970302639	SUPP,MOUNTING STARTER MOTOR S5	1	
10	970301400	HOUSING,FLYWHEEL (S5 H/HE)	1	

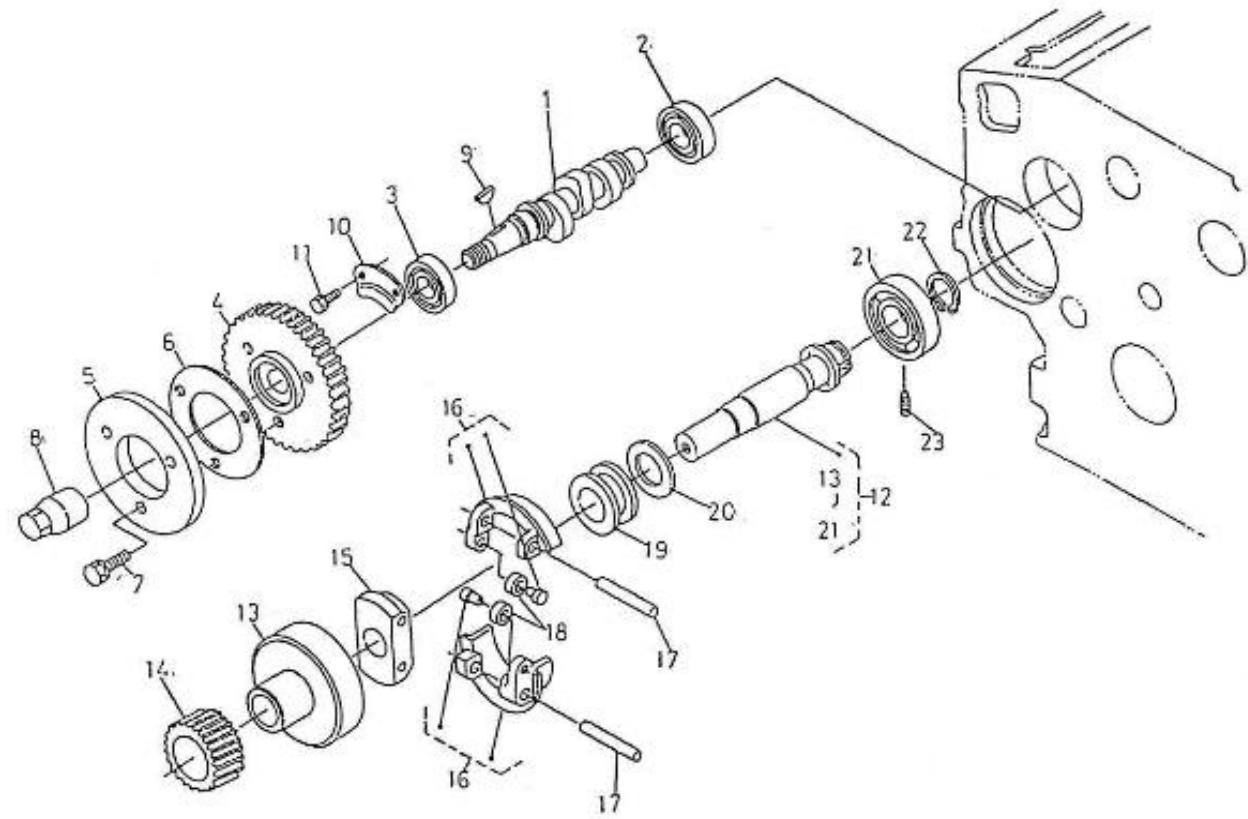


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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Camshaft fuel

N.	Item	Description	Qty	Notes
1	970310372	CAMSHAFT,FUEL	1	
2	970302835	BEARING,CASE	1	
3	970302836	BEARING,CASE	1	
4	970310373	GEAR,INJ.PUMP	1	
5	970310375	CAM,FUEL	1	
6	970310326	WASHER	1	
7	970490119	BOLT,M 6X 18	3	
8	970302839	NUT,CAP	1	
9	970302840	KEY,FEATHER	1	
10	970302841	STOPPER,FUEL CAMSHAFT	1	
11	970140123	BOLT ,M 6X12 (AFTER N*KTE08070398)	2	
12	970310327	ASSY SHAFT,GOVERNOR	1	
13	970302843	SHAFT,GOVERNOR GEAR 4.150	1	
14	970310308	GEAR,INJECTION PUMP	1	
15	970302845	SUPPORT,GOVERNOR WEIGHT	1	
16	970310309	COMP.WEIGHT,GOVERNOR	2	
17	970302847	SHAFT,GOVERNOR WEIGHT	2	
18	970310328	ROLLER	2	
19	970302848	SLEEVE,GOVERNOR	1	
20	970302849	WASHER,THRUST	1	
21	970310329	BEARING,BALL	1	
22	970302851	CIR-CLIP,GOVERNOR SHAFT	1	
23	970302852	SCREW,SET	1	

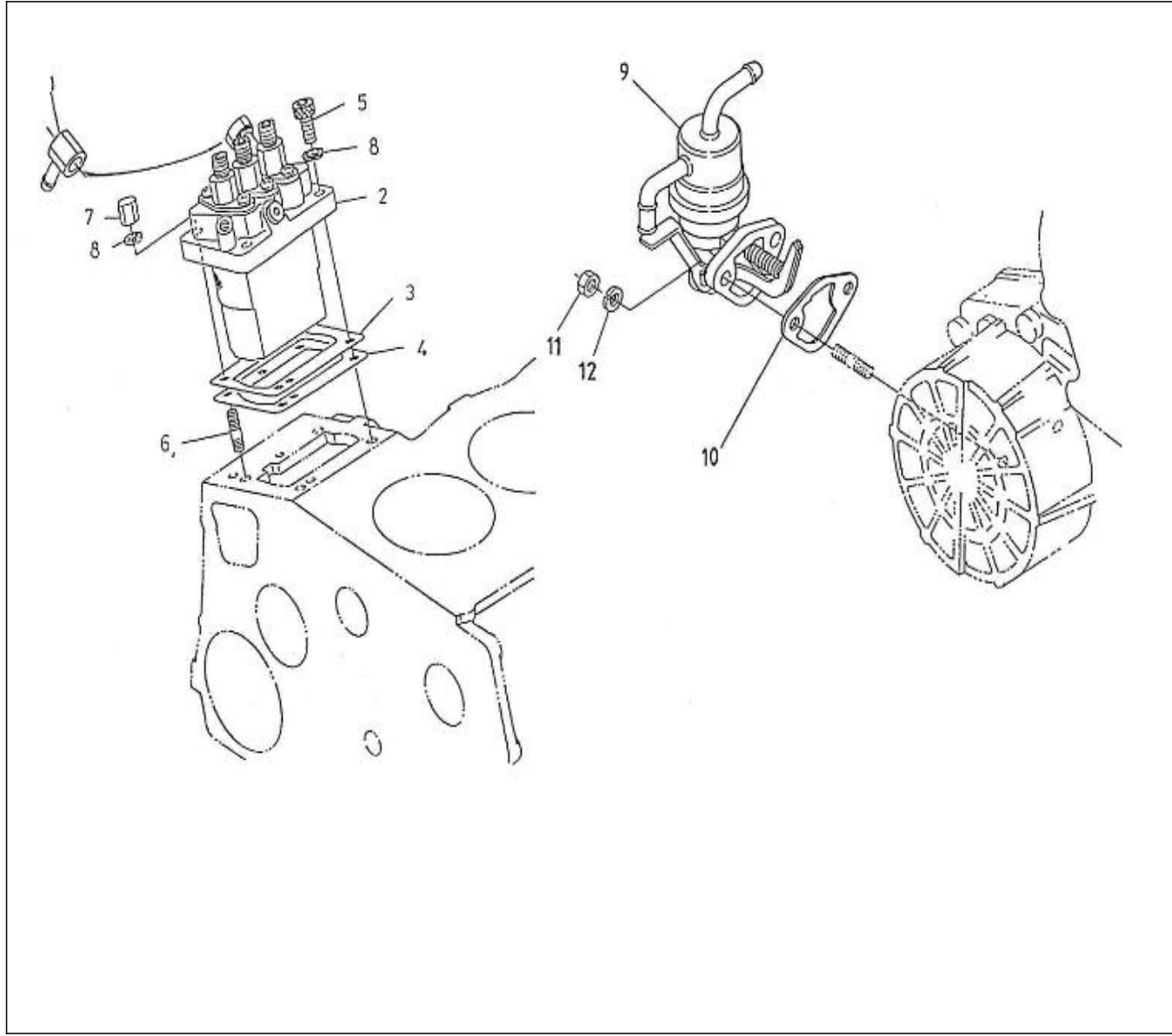


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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Injection & Fuel pump

N.	Item	Description	Qty	Notes
1	970310330	JOINT	1	
2	970310334	ASSY PUMP,INJECTION	1	
3	970307861	SHIM,INJ.PUMP 0.20 (<= N°KT08090422)	1	
3	970307862	SHIM,INJ.PUMP 0.25	1	
4	970310335	SHIM,INJ.PUMP 0.30 (<= N°KT08090422)	1	
5	970142138	BOLT,SOCK M 6X 20 (BEFORE N°KTE08070398)	2	
6	970142139	STUD,INJ.PUMP	2	
7	970142140	NUT,CAP	2	
8	970310417	WASHER,SPRING (BEFORE N°KTE08070398)	4	
9	970302831	PUMP,FUEL FEED CPL.4.150	1	
10	970142512	GASKET,FUEL PUMP 2. 40	1	
11	970151133	NUT,M 6 (BEFORE N°KTE08070398)	2	
12	970119149	WASHER, SPRING D 6 (Pour protection injecteur)	2	



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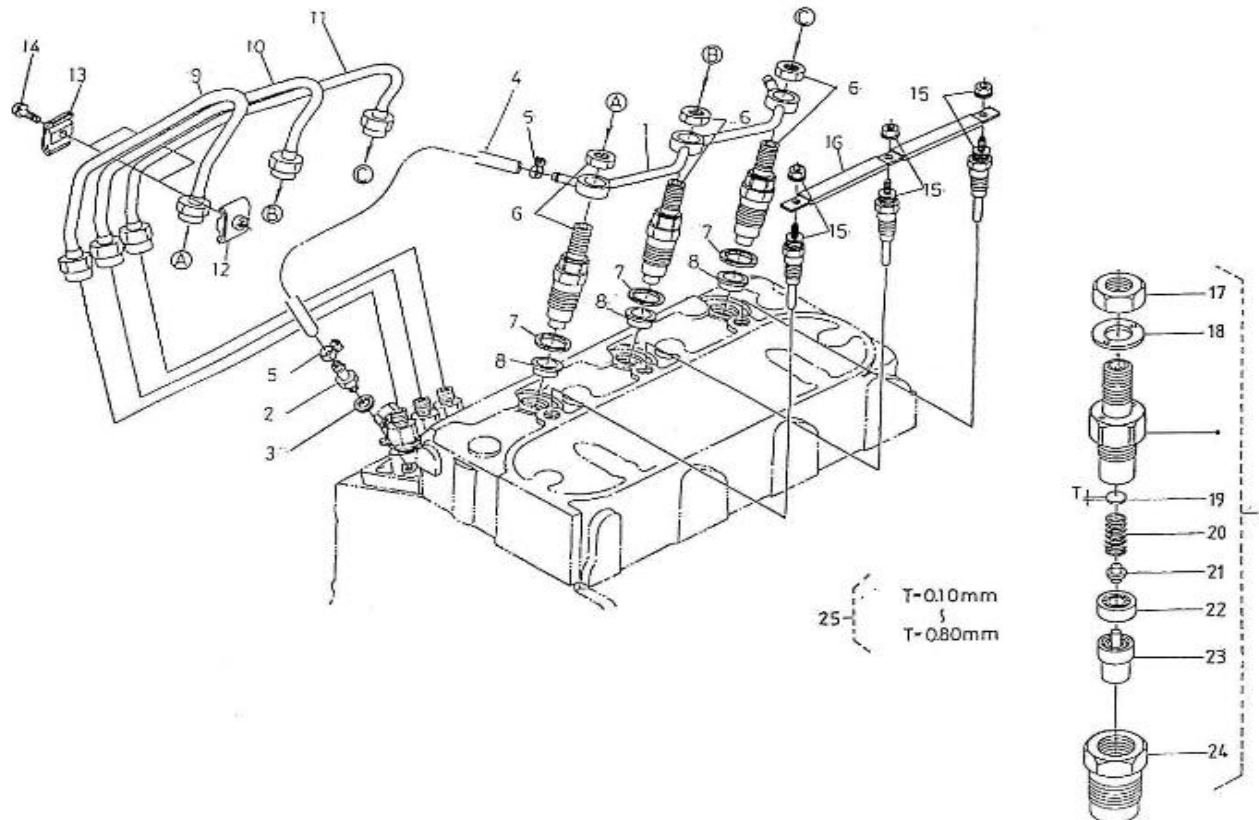
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Injection lines nozzles



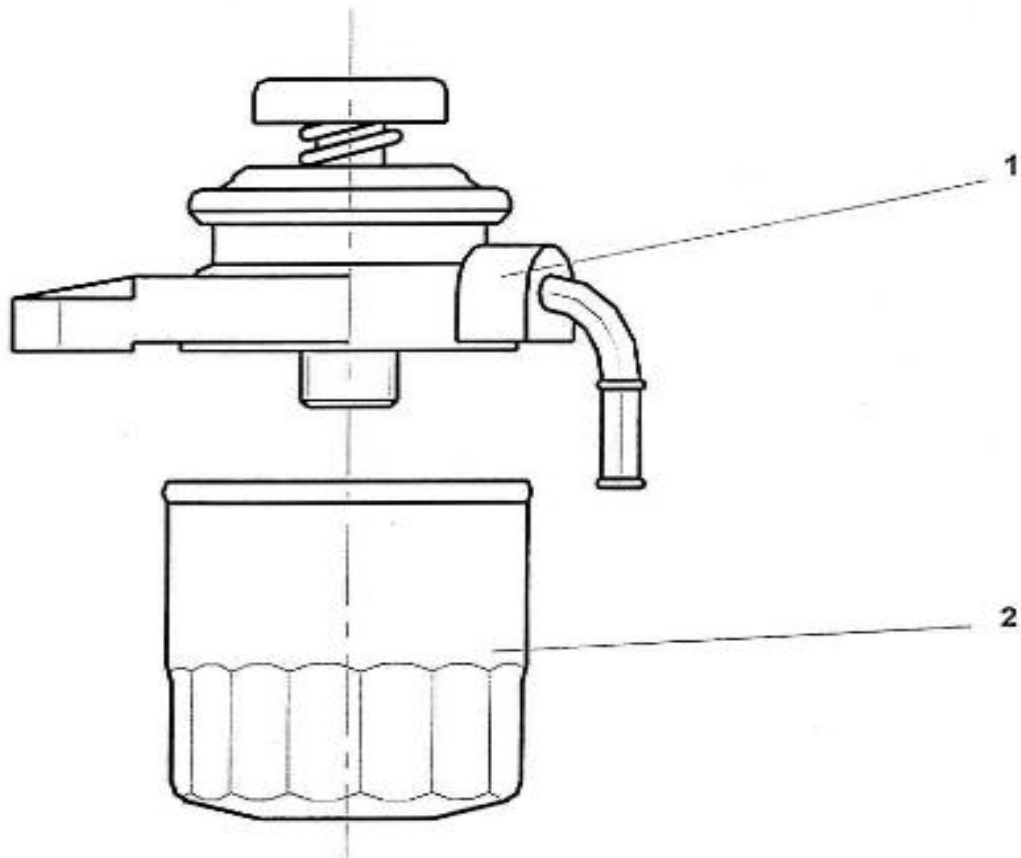
N.	Item	Description	Qty	Notes
1	970304117	ASSY PIPE,OVER FLOW	1	
2	970142104	NOZZLE, FUEL OVERFLOW LINE	1	
3	970150403	RING,SEAL (=> N° XA0001 <= 3Z0001)	1	
4	32805001	HOSE (++)RETOUR INJ / PPE INJ)	1	
5	970310171	CLAMP (+++ FIX DURITE WASTEGATE)	2	
6	970302816	INJECTOR,CPL.4.150	3	
7	970142109	GHASKET, RING INJECTORS	3	
8	970307388	SEAL,HEAT	3	
9	970302817	LINE,FUEL CYL.N01 4.150 (<= N°KT08090422)	1	
10	970302818	LINE,FUEL CYL.N02 4.150 (<= N°KT08090422)	1	
11	970302819	LINE,FUEL CYL.N03 4.150 (<= N°KT08090422)	1	
12	970142114	CLAMP,FUEL LINES 1+2	2	
13	970142115	CLAMP,FUEL-LINES 1+2	2	
14	970492118	SCREW,M 5X 20 ROUND HEAD	2	
15	970307591	GLOW PLUG	3	
16	970304119	CORD,GLOW PLUG	1	
17	970310381	NUT	3	
18	970310387	WASHER	3	
19	970310382	WASHER	3	
20	970310383	SPRING,NOZZLE	3	
21	970310385	ROD,PUSH	3	
22	970310384	SPACER	3	
23	970310388	PIECE,NOZZLE	3	
24	970310386	NUT	3	
25	970310389	ASSY WASHER,ADJ.	3	

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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Fuel filter Assy.

N.	Item	Description	Qty	Notes
1	970310293	FUEL FILTER	1	
2	970310302	FILTER	1	



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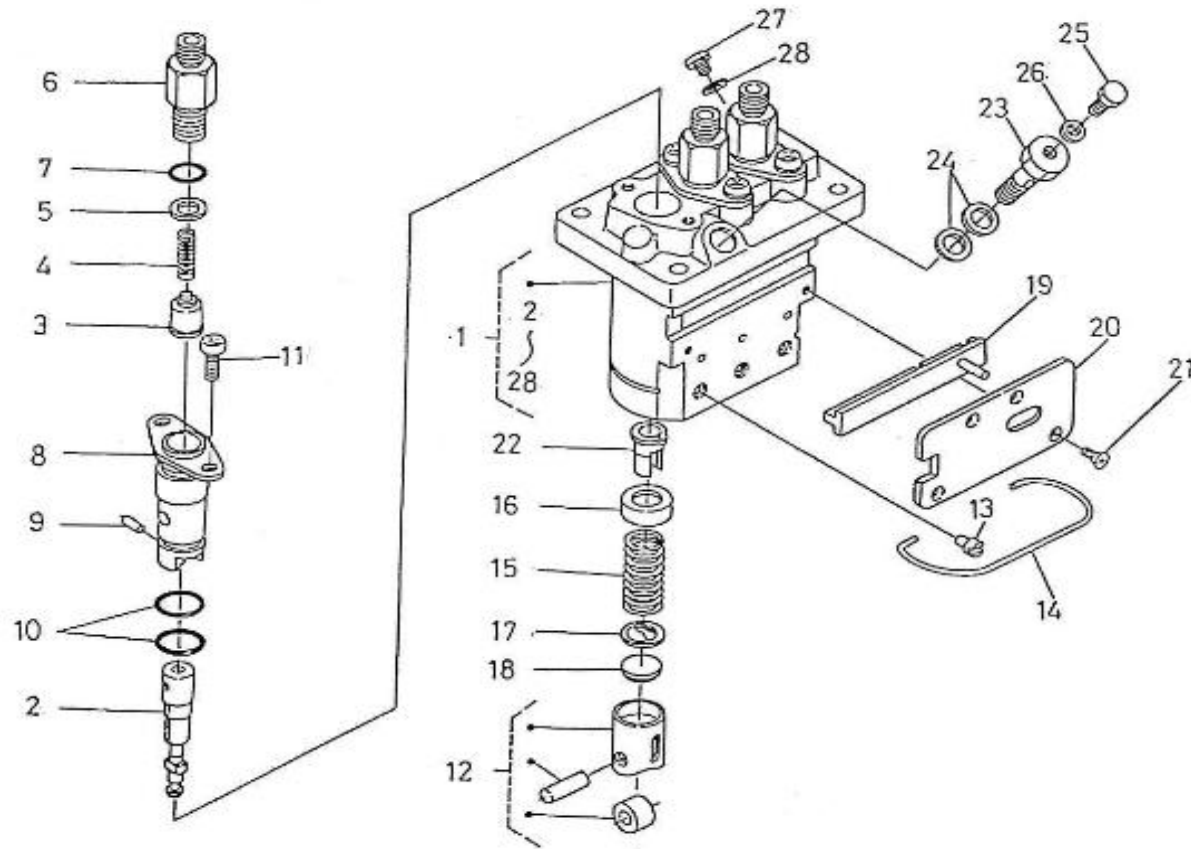
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Injection pump



N.	Item	Description	Qty	Notes
1	970310334	ASSY PUMP,INJECTION	1	
2	970310337	ASSY PLUNGER	2	
3	970142147	VALVE,INJ.PUMP 2. 40HE	3	
4	970142148	SPRING,INJ.PUMP	3	
5	970142149	GASKET,RING INJ.PUMP 2.40	3	
6	970302917	HOLDER,DELIVERY VALVE	3	
7	970142151	O-RING,INJ.PUMP	3	
8	970302918	FLANGE,SLEEVE	3	
9	970302919	PIN,JOINT	3	
10	970142161	O-RING,INJ.PUMP	6	
11	970303946	SCREW	6	
12	970142165	TAPPET,INJ.PUMP CPL.	3	
13	970303947	PIN,TAPPET GUIDE	3	
14	970307865	PIN,CLAMP	1	
15	970142159	SPRING,INJ.PUMP	3	
16	970303949	SEAT,SPRING -UPPER-	3	
17	970303950	SEAT,SPRING -LOWER-	3	
18	970303951	SHIM	3	
19	970310338	RACK,CONTROL	1	
20	970310339	PLATE	1	
21	970303954	SCREW	4	
22	970142168	SLEEVE,CONTROL	3	
23	970310340	BOLT,JOINT	1	
24	970307610	GASKET,COPPER	2	
25	970307611	SCREW	1	
26	970307612	GASKET	1	
27	970310341	PLUG	1	
28	970307869	GASKET	1	

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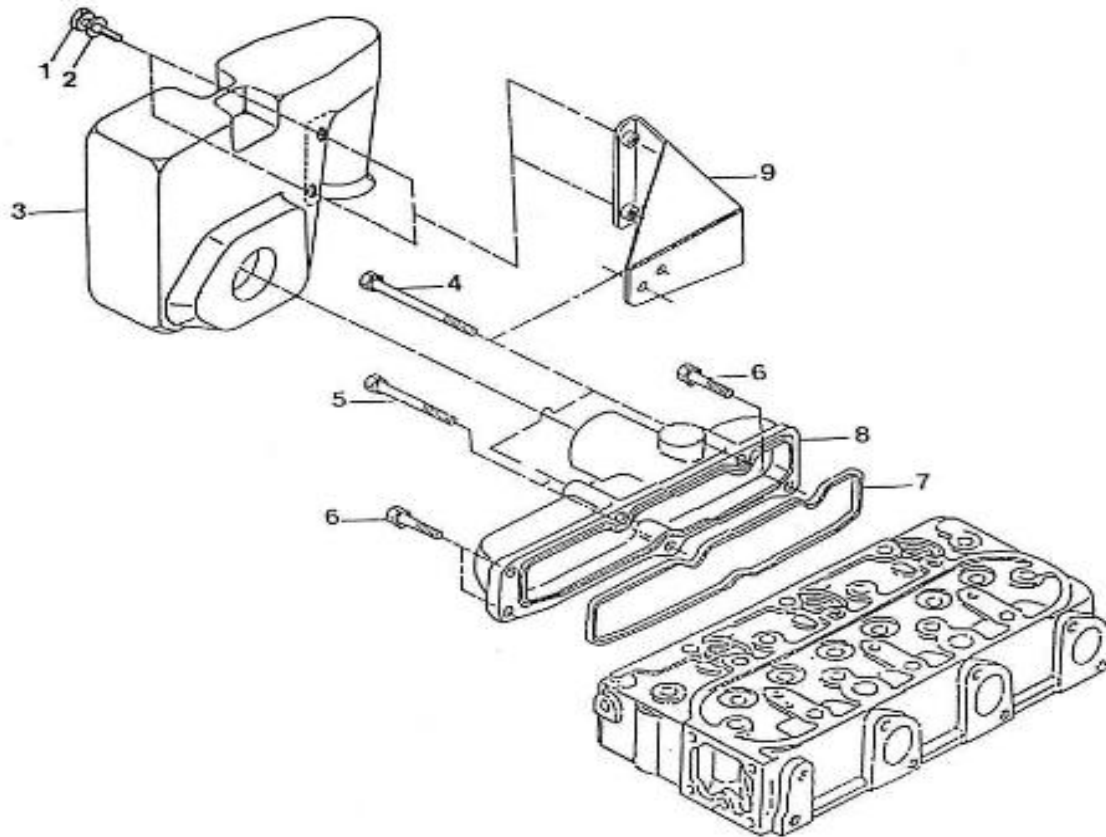
Pag. 17/34

Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Air filter



N.	Item	Description	Qty	Notes
1	970304025	BOLT,HEXM 6X 10 A2	2	
2	970304026	WASHER,PLAIN D 6 A2	2	
3	970302624	FILTER,AIR (S5)	1	
4	970302737	BOLT,M 6X 50 (A PARTIR DU N°KTH08040183)	2	
5	970302751	BOLT,M 6X 30	2	
6	970490119	BOLT,M 6X 18	2	
7	970302914	GASKET,INTAKE MANIFOLD 3.110	1	
8	970310527	ASSY MANIFOLD,INLET	1	
9	970302640	SUPPORT,AIR FILTER S5	1	

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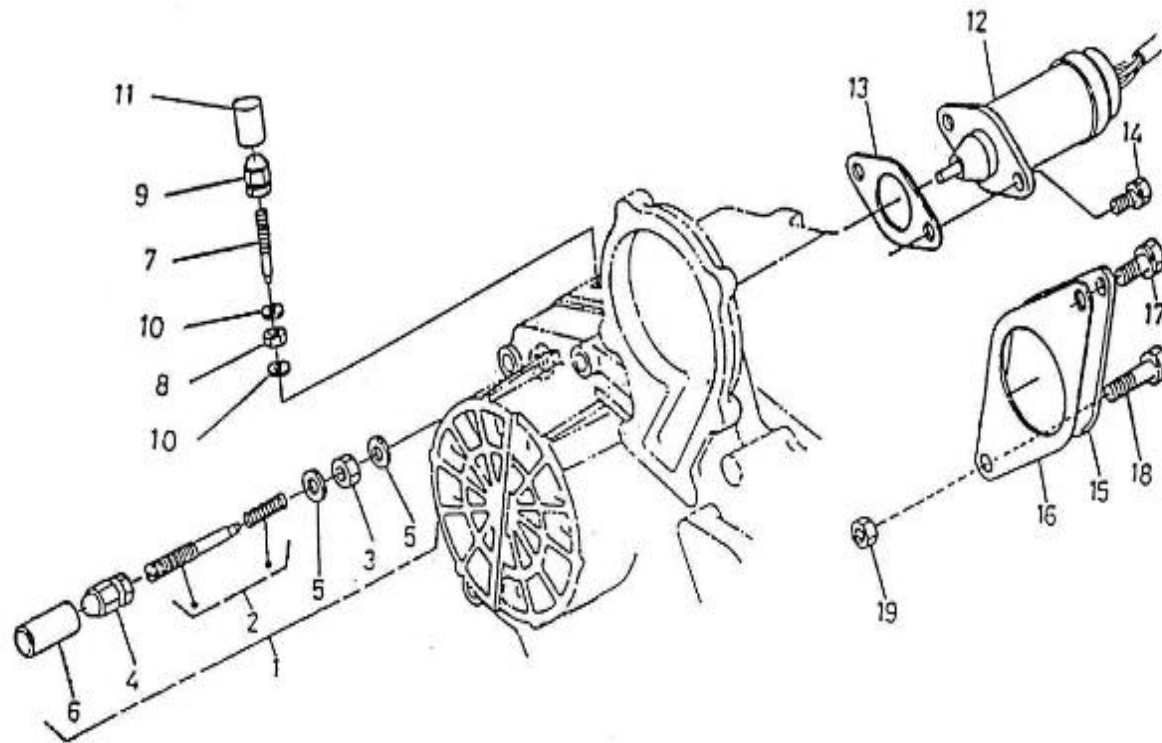
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Governor setting



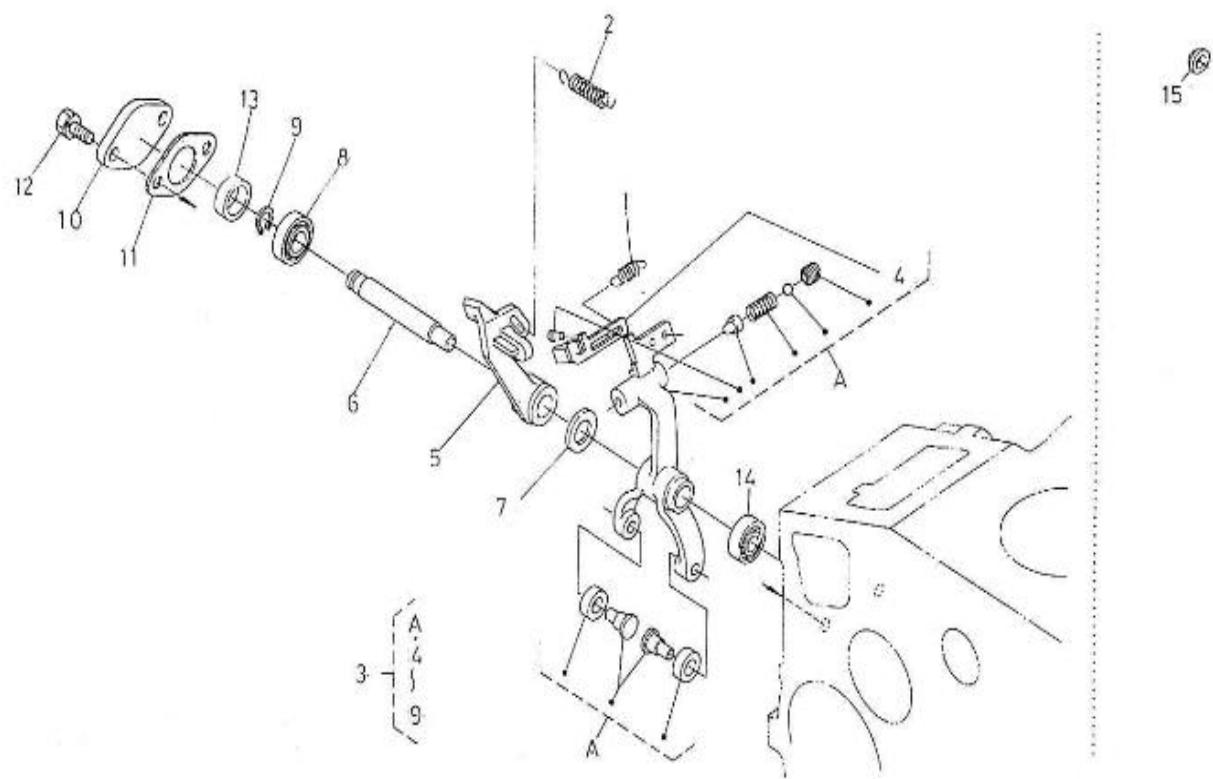
N.	Item	Description	Qty	Notes
1	970302865	BOLT,ADJ.IDLE CPL.4.150	1	
2	970302866	SCREW,ADJ.IDLE CPL.4.150	1	
3	970310359	NUT	1	
4	970140404	NUT (BEFORE N°KTE08070398)	1	
5	970150403	RING,SEAL (=> N° XA0001 <= 3Z0001)	2	
6	970302411	CAP,NUT	1	
7	970302868	SCREW,ADJUSTING	1	
8	970310359	NUT	1	
9	970140404	NUT (BEFORE N°KTE08070398)	1	
10	970150403	RING,SEAL (=> N° XA0001 <= 3Z0001)	2	
11	970302411	CAP,NUT	1	
12	970302869	SOLENOID,STOP 4.150	1	
13	970302870	GASKET,SOLENOID	1	
14	970490508	BOLT,M 6X 14	2	
15	970302871	COVER,HYD.PUMP	1	
16	970302872	GASKET	1	
17	970491004	RETAINER,VALVE SPRING	1	
18	970302037	BOLT,M 8X 32	1	
19	970490903	NUT,M 8	1	

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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Governor

N.	Item	Description	Qty	Notes
1	970310364	SPRING,START	1	
2	970302875	SPRING,GOVERNOR (<= N°KT08090422)	1	
3	970302877	LEVER,FORK CPL.N01	1	
4	970310366	LEVER,THRUST	1	
5	970310367	LEVER,FORK	1	
6	970302879	SHAFT,FORK LEVER	1	
7	970302880	WASHER,PLAIN	1	
8	970302882	BEARING,CASE	1	
9	970302883	CIR-CLIP,EXTERNAL	1	
10	970302884	COVER,FORK LEVER SHAFT	1	
11	970310351	BOLT (BEFORE N°KTE08070398)	1	
12	970310369	BOLT	2	
13	970313599	BOLT,FLANGE	1	
14	970302887	BEARING,CASE	1	
15	970302881	COLLAR,2	1	

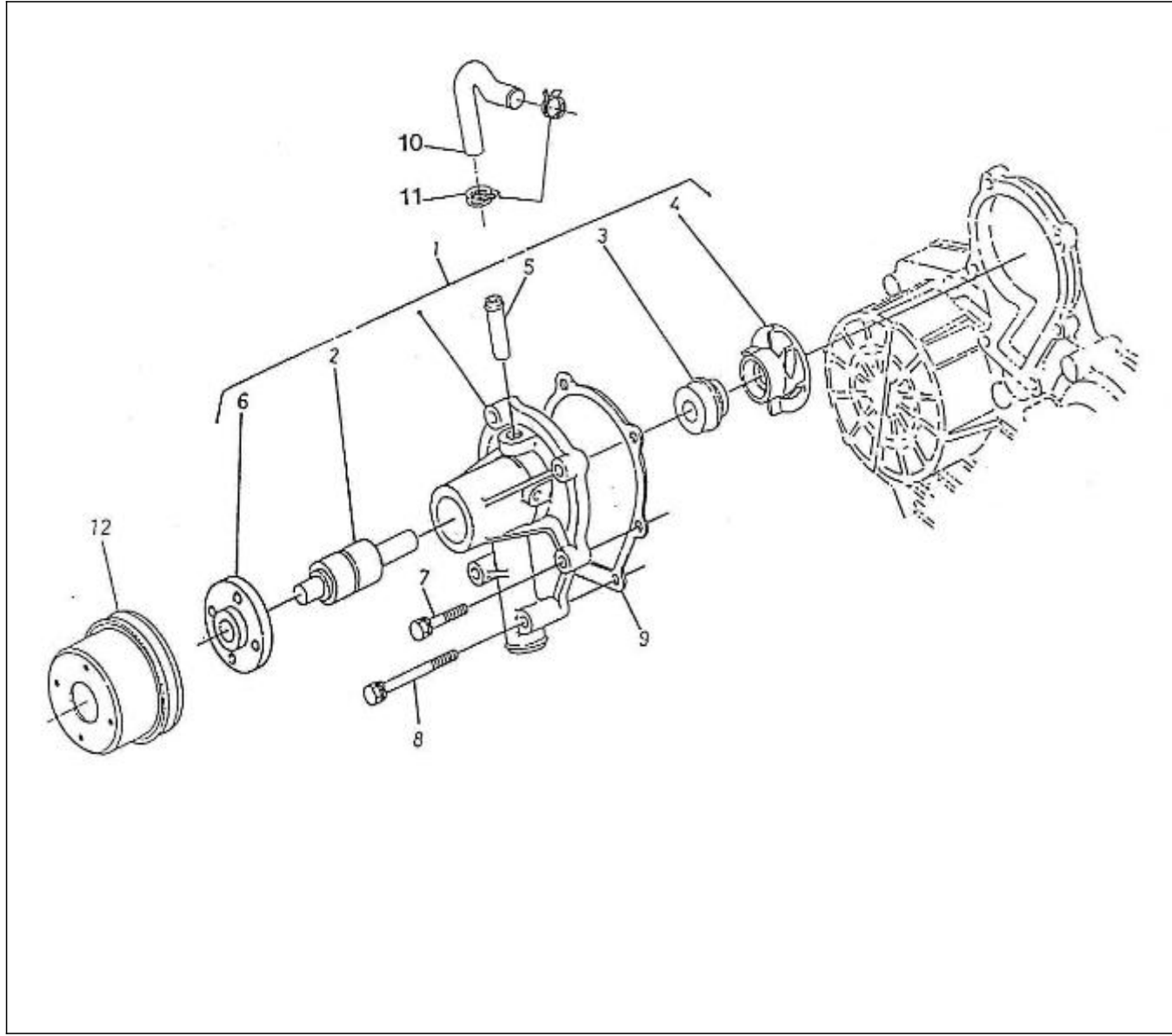


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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Fresh water pump

N.	Item	Description	Qty	Notes
1	970302745	PUMP,F/WATER CPL.4.150	1	
2	970302746	BEARING,SHAFT W/PUMP	1	
3	970302747	SEAL,MECHANICAL F/W.PUMP	1	
4	970302748	IMPELLER,F/WATER PUMP 4.150	1	
5	970307629	PIPE,WATER RETURN (BEFORE N*KTE08070398)	1	
6	970302750	FLANGE,W/PUMP	1	
7	970302751	BOLT,M 6X 30	4	
8	970302752	BOLT,M 6X 80	2	
9	970302753	GASKET,F/WATER PUMP 4.150	1	
10	970307071	PIPE,WATER RETURN	1	
11	970307103	BAND,PIPE	2	
12	970307124	PULLEY,FAN	1	



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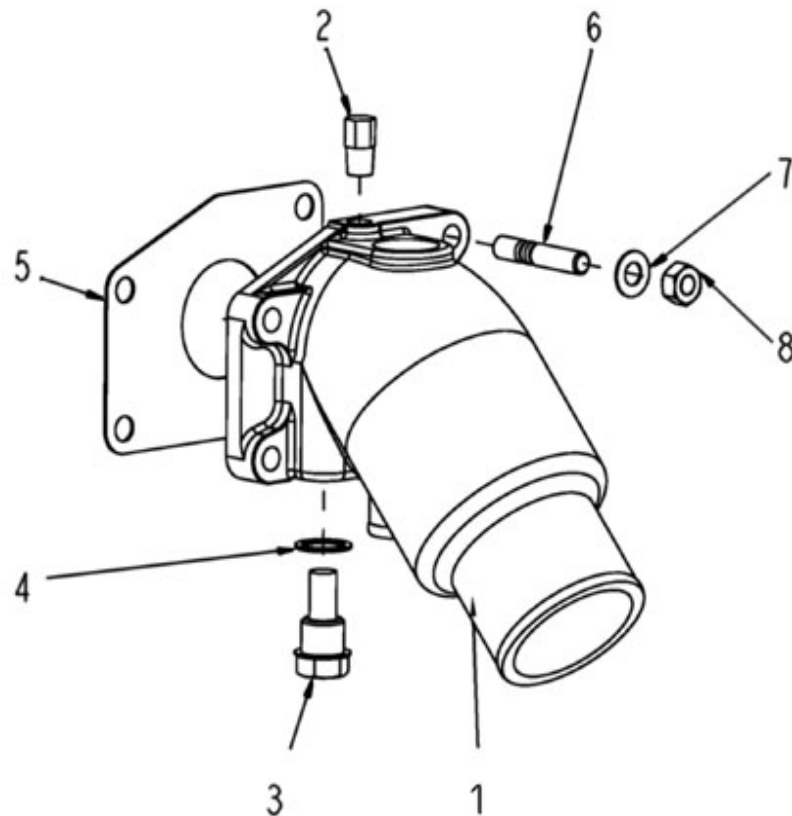
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Exhaust elbow

N.	Item	Description	Qty	Notes
1	970301706APR	MIXER	1	
2	970307265	PLUG,HEX 1/8	1	
3	970494635	ANODE,ZINC CPL M16X1,5	1	
4	970300199	GASKET,RING D16	1	
5	970301710	GASKET,MIXER 4.190	1	
6	970300374	STUD,M 8X 30 (+++FIX TENDEUR)	3	
6	970307249	STUD (+++FIX TENDEUR)	1	
7	970119139	WASHER,CORRUGATED D8 (DONT 3 PTO)	4	
8	970027322	NUT,M 8 (++ECROU FIL DEMARREUR)	4	



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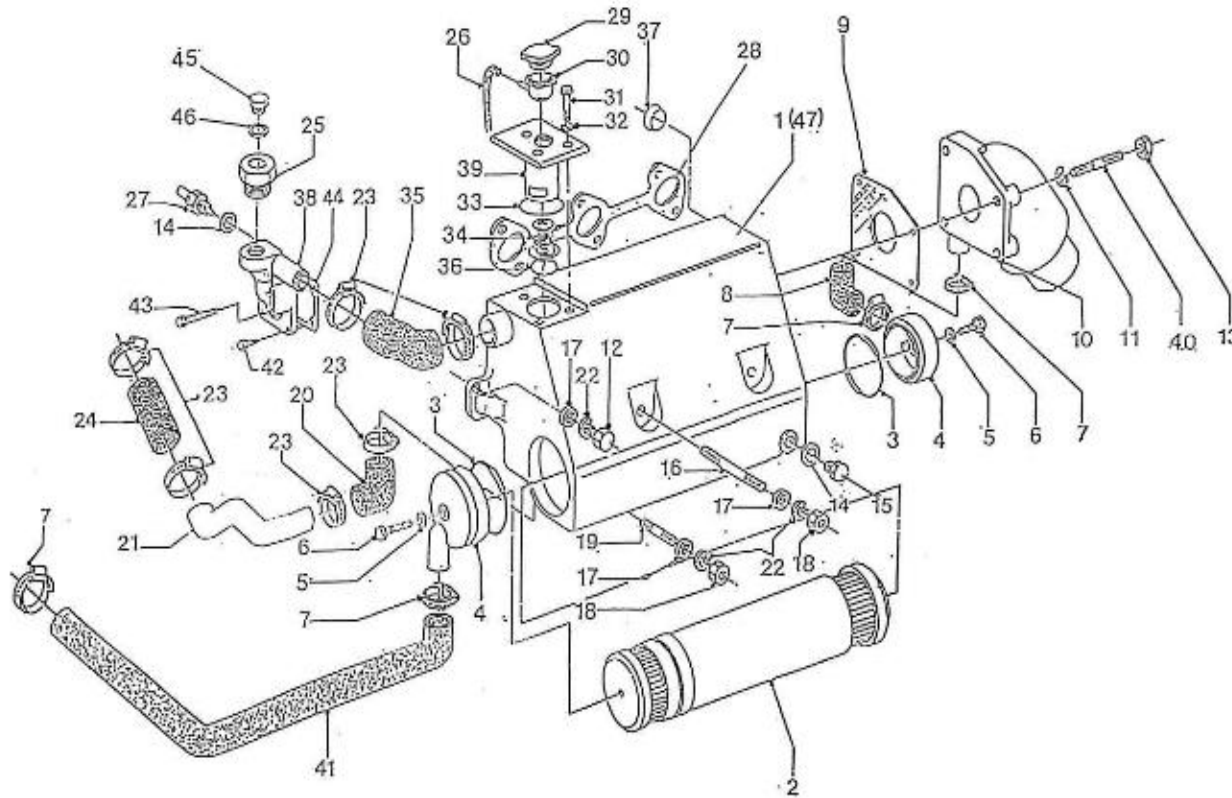
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Heat exchanger



N.	Item	Description	Qty	Notes
1	970302156	HOUSING,HEATEXCHANGER 3.110	1	
2	970302350	TUBE,STACK 3.110	1	
3	KSAV02	HEAT EXCHANGER GASKET KIT (++Ne pas monter)	1	
4	970307714	COVER	2	
5	970300288	GASKET,M8 (FIX TUYAU GRAISSAGE)	2	
6	970301263	BOLT,M 8X 45 -A2-	2	
7	970604526	CLAMP,HOSE 22-32 (COTE ECHANGEUR)	4	
8	970301713	HOSE,ELBOW COVER HEATEX.4.190 (+++RETOUR MAG -	1	
9	970301710	GASKET,MIXER 4.190	1	
10	970301706APR	MIXER	1	
11	970119138	WASHER,SPRING D 8 (TENDEUR)	4	
12	970304070	BOLT	1	
13	970027322	NUT,M 8 (++ECROU FIL DEMARREUR)	4	
14	970300306	GASKET,RING D14 (SUR REFROID THERMO MOTA)	2	
15	970875506	PLUG (<= N°KT08090422)	1	
16	970302611	STUD,M 7X151	2	
17	970302538	WASHER,PLAIN D 7	6	
18	970301496	NUT,M 7	6	
19	970302915	STUD	3	
20	970302630	HOSE	1	
21	970302612	PIPE,WATER RETURN	1	
22	970302537	WASHER,SPRING D 7	6	
23	970300922	CLAMP,HOSE 26-38 (FOURNITURE POMPE ATTELEE)	6	
24	970301527	PIPE,WATER 4.150 HE	1	
25	970307656	PLUG,HEX 36/150	1	
26	970300077	HOSE,D 8 L= 450	1	
27	970851602	WATER TEMPERATURE SENDER	1	
28	970304111	GASKET,E-MANIFOLD NA	1	
29	970604614	CAP,FILLING 0, 7 DOUBLE SEAL	1	
30	970300151	FILLING,NECK WATER	1	
31	970119141	BOLT,HEX M8X 20 (+++FIX. SUPPORT COLLIER SUR	3	
32	970119139	WASHER,CORRUGATED D8 (DONT 3 PTO)	3	
33	970302608	O-RING	1	
34	970301412	THERMOSTAT,82X	1	
35	970301714	HOSE,D32 COVER THERMO.4.190	1	
36	970302609	O-RING	1	
37	970494517	CAP,FREEZE	3	
38	970302628	FLANGE,WATER S5	1	
39	970311173	HOUSING, THERMOSTAT	1	
40	970604624	STUD,M 8X 40	1	
41	970302625	HOSE, W.PUMP/COVER HEATECH. (S (+++RECUPER+++	1	
42	970491117	BOLT,M 6X 16	3	
43	970302738	BOLT,M 6X 55	1	
44	970307104	GASKET,W/FLANGE NA	1	
45	970639853	"PLUG,HEX 3/8""G"	1	
46	970300289	GASKET,RING D17	1	
47	970307955PR	HEATEXCHANGER	1	

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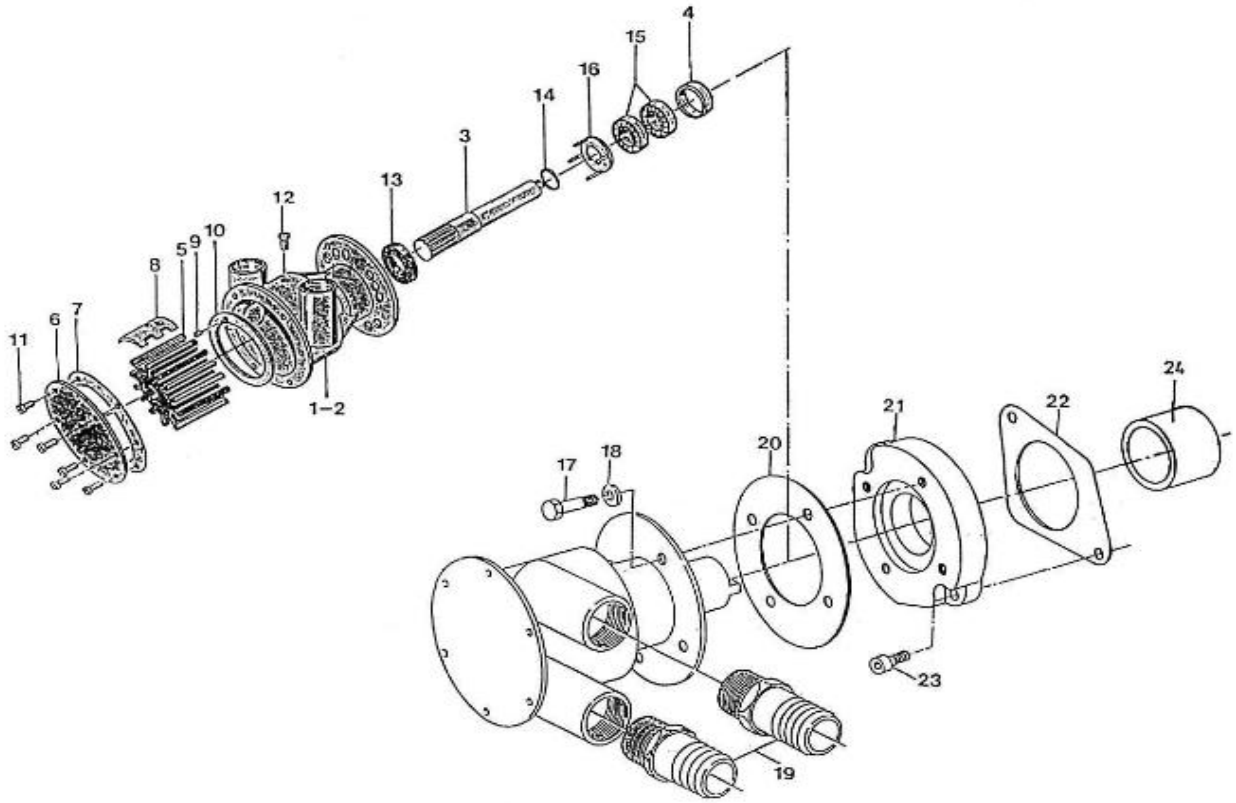
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Seawater pump Ass



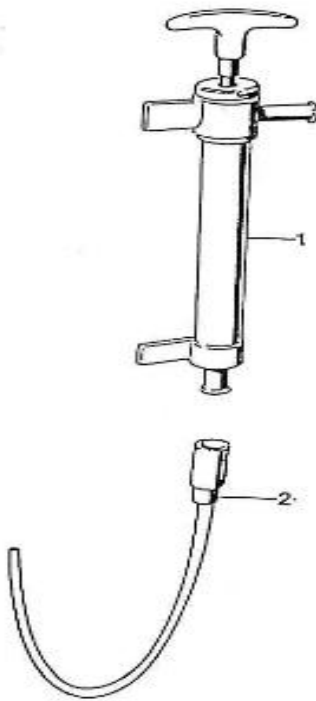
N.	Item	Description	Qty	Notes
1	970301725	PUMP,WATER F5B-9 4.190	1	
2	970302153	HOUSING,WATER PUMP F5B-9	1	
3	970302154	SHAFT,WATER PUMP F5B-9	1	
4	970303672	GUIDE,WATER PUMP F5B-9000	1	
5	970604530	IMPELLER,WATER PUMP F 5B/-9	1	
6	970303673	COVER,END W/PUMP F5B-9000	1	
7	970604529	GASKET,F5B	1	
8	970303674	CAM,WATER PUMP F5B-9000	1	
9	970303675	PIN,WATER PUMP F5B-9000	1	
10	970300891	PLATE,WEAR W/PUMP F5B-9000	1	
11	970303677	SCREW,COVER W/PUMP F5B-9000	6	
12	970303678	SCREW,CAM WATER PUMP F5B-9000	1	
13	970614516	O-RING SEAL	1	
14	970303679	O-RING,WATER PUMP F5B-9000	1	
15	970770251	BEARING,BAIL WATER PUMP F5B-90	2	
16	970303680	WASHER,WATER PUMP F5B-9000	1	
17	970439910	BOLT,HEX M 6X 16 (+++FIX.SUPPORT AG ACC)	4	
18	970609602	WASHER,CORRUGATED D 6 (ROND GRAISSEE SERRAGE	4	
19	970604515	CONNECTION,HOSE HBW-20 (SUR COUDE ET TUYAU)	2	
20	970614511	GASKET,WATER PUMP F5B-9	1	
21	970302606	FLANGE,WATER PUMP (S5)	1	
22	970302610	GASKET,FLANGE W/PUMP (S5)	1	
23	970604615	BOLT,SOCK M 6X 20	2	
24	970307007	BEARING	1	

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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Oil extraction pump

N.	Item	Description	Qty	Notes
1	970439302	PUMP,OIL EXTRACTION	1	
2	970310401	PIPE	1	



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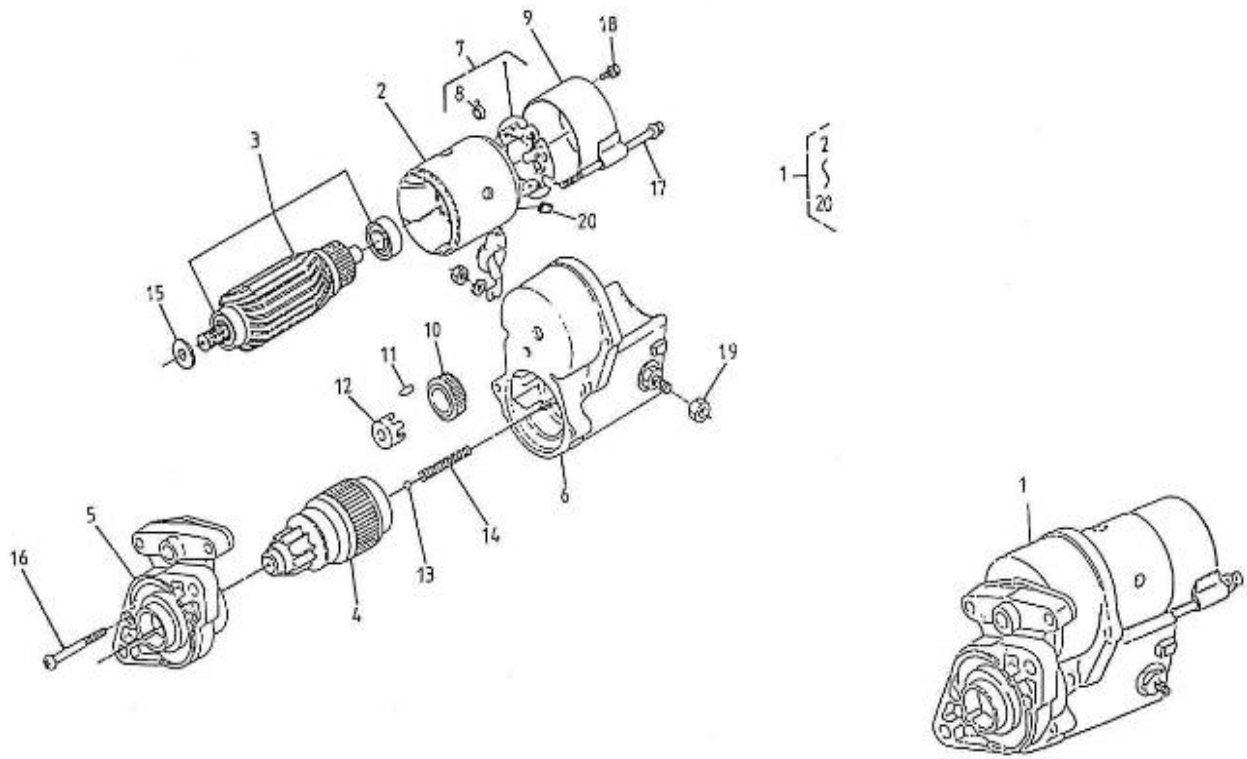
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Starter motor

N.	Item	Description	Qty	Notes
1	970517303	STARTER,MOTOR 12V 1,0KW 1P	1	
2	970517302	STATOR,4.110	1	
3	970517304	ROTOR,STARTER 4.110	1	
4	970517305	PINION,STARTER	1	
5	970517307	FRAME,DRIVE END-STARTER MOTOR	1	
6	970517306	HOLDER,MAGNET SWITCH	1	
7	970517317	HOLDER,BRUSH	1	
8	970517318	SPRING,BRUSH	4	
9	970517312	FRAME,END STARTER MOTOR 4.110H	1	
10	970517313	GEAR,2 STARTER MOTOR 4.110	1	
11	970517314	ROLLER,STARTER MOTOR 4.110	5	
12	970517315	BUSHING,PLASTIC (STARTER MOTOR	1	
13	970517316	BHEARING,BALL STARTER MOTOR	1	
14	970517319	SPRING,STARTER MOTOR 4.110	1	
15	970517320	WASHER,FELT	1	
16	970517321	SCREW	2	
17	970303964	BOLT	2	
18	970517323	BOLT	2	
19	970517324	NUT,STATER 4.110	1	
20	970303957	BRUSH	2	



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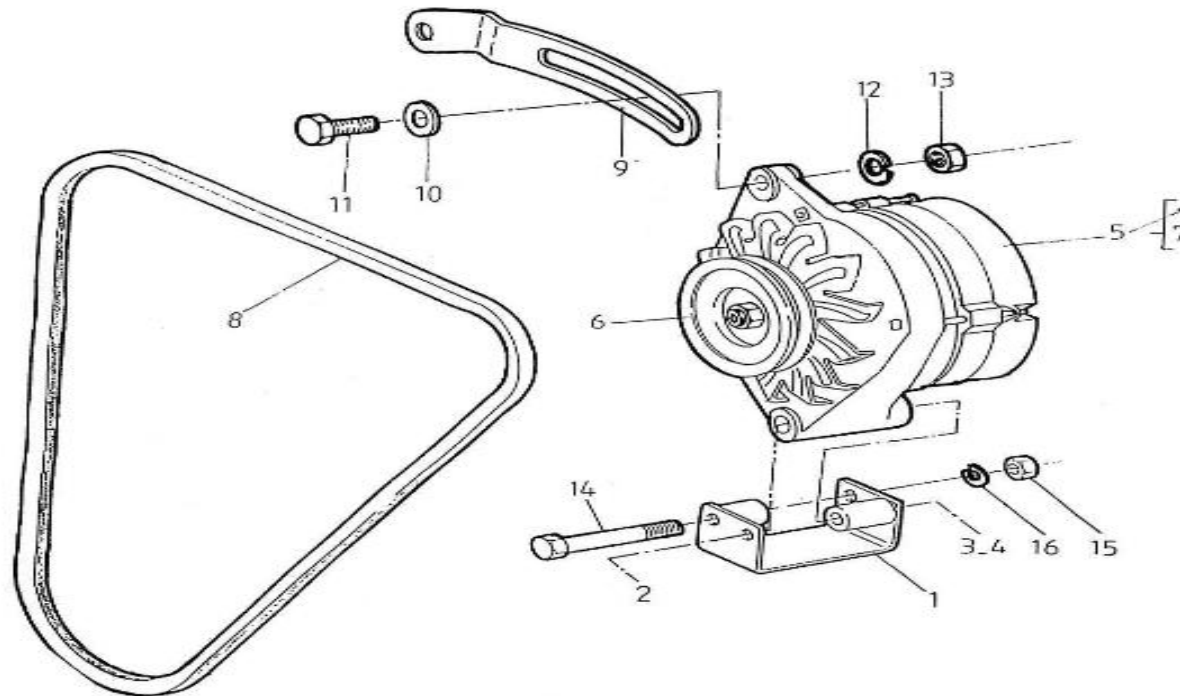
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Alternator Assy.Std.



N.	Item	Description	Qty	Notes
1	970307539	SUPPORT,ALTERNATOR	1	
2	970307495	BOLT	1	
3	970039794	WASHER	1	
4	970307532	NUT (+++FIX. TOURTEAU SUR INVERSEUR)	1	
5	970307522	ALTERNATOR,14V-60A	1	
6	970307194	PULLEY	1	
7	970307533	REGULATOR,ALTERNATOR	1	
8	970637399	V-BELT	1	
9	970307437	TIGHTENER,V-BELT	1	
10	970304050	WASHER	1	
11	970024016	BOLT,HEX M 8X 40	1	
12	970119138	WASHER,SPRING D 8 (TENDEUR)	1	
13	970027322	NUT,M 8 (++ECROU FIL DEMARREUR)	1	
14	970644115	BOLT,HEX M10X 90 (ADAPT TUYAU ENTREE COUDE)	1	
15	970119143	NUT, M10	1	
16	970119136	WASHER,SPRING D10 (POUR INVERSEUR)	1	

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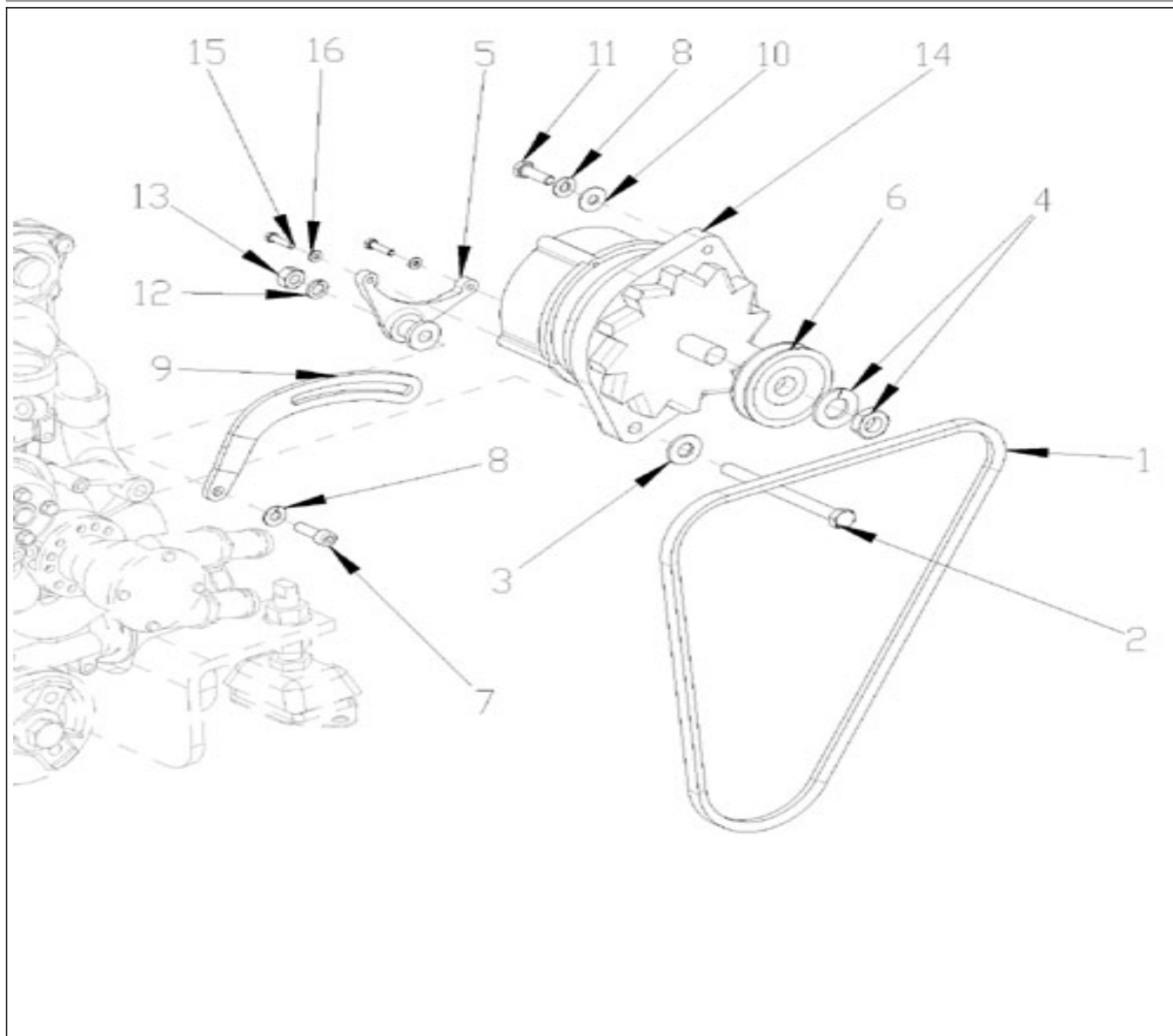
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Alternator Assy.Std.



N.	Item	Description	Qty	Notes
1	48108117	V-BELT	1	
2	39160668	BOLT (+++ FIX . ALTERNATEUR)	1	
3	970119143	NUT, M10	1	
4	970312833	KIT FIXATION ALT	1	
5	48201173	ALTERNATOR	1	
6	95312304	PULLEY	1	
7	970498003	BOLT,SOCK M 8X 25 (POUBELLE)	1	
8	970119138	WASHER,SPRING D 8 (TENDEUR)	2	
9	95203077	TIGHTNER	1	
10	970304050	WASHER	1	
11	970409603	BOLT,HEX M 8X 25 (FIX SUP ALT)	1	
12	970119136	WASHER,SPRING D10 (POUR INVERSEUR)	1	
13	970119143	NUT, M10	1	
14	48201109	Replaced by 48201171 - ALTERNATOR	1	

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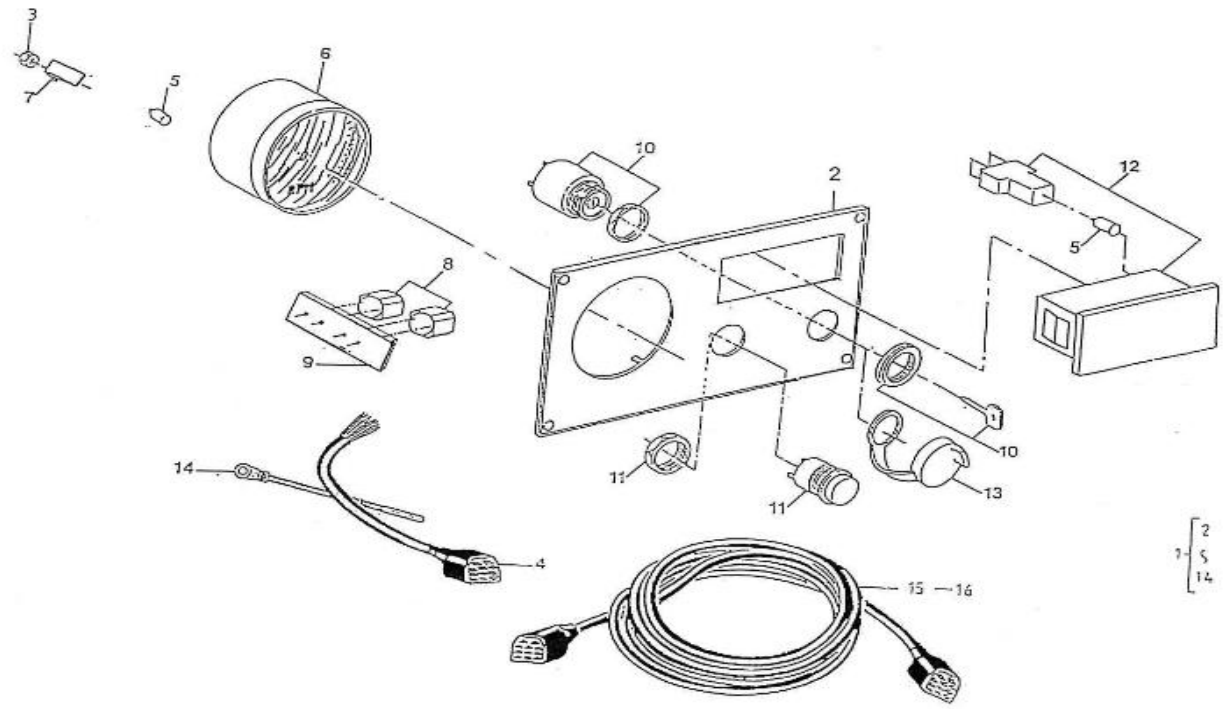
Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Panel 1 instrument

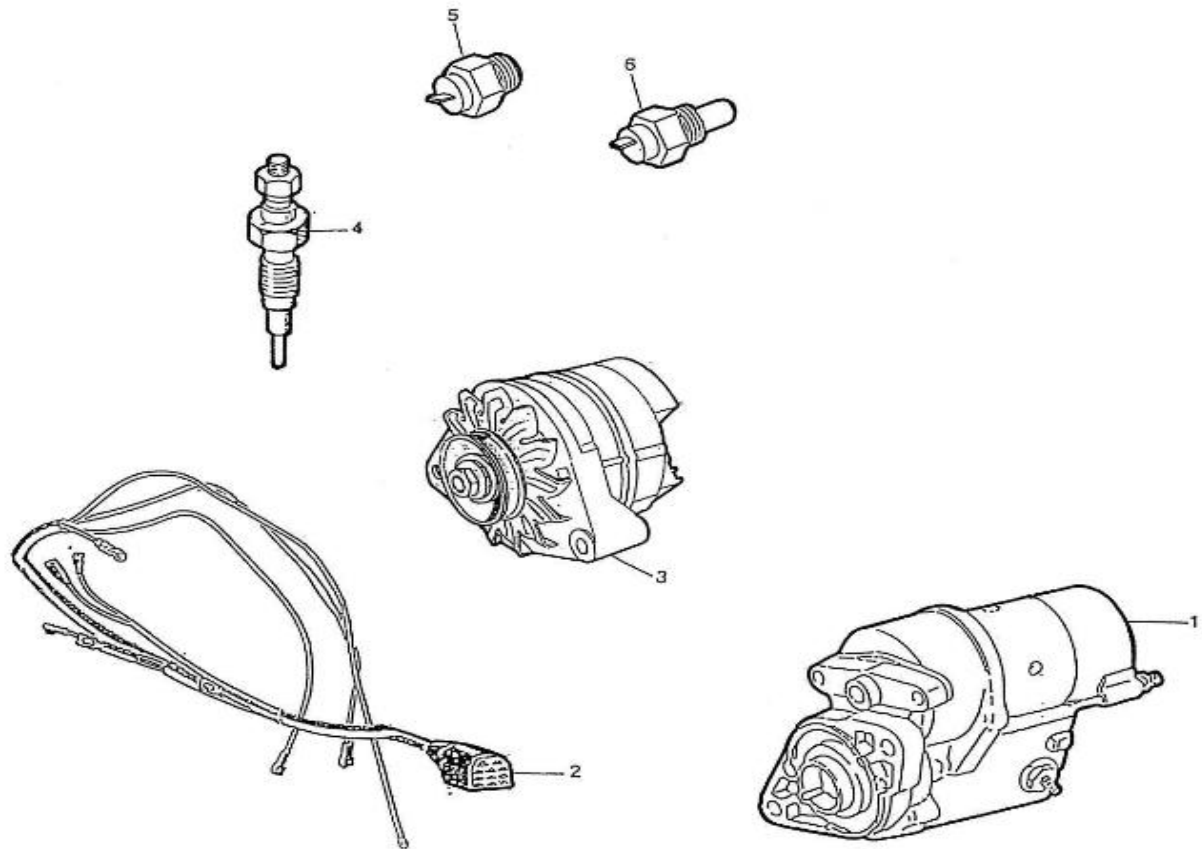
N.	Item	Description	Qty	Notes
1	674351	PANEL	1	
2	645200021	PLATE,PANEL	1	
3	970301191	NUT,M 4 A2	4	
4	970302662	WIRING,PANEL 1 INSTR. (11P	1	
5	970856011	BULB 12V-2W	5	
6	48200998	REVOLUTION COUNTER	1	
7	970300920	CLAMP,INSTRUMENTS	4	
8	970302684	BUZZER,SONITRON SMA 24A P17.05	2	
9	970310182	SUPPORT (.)	1	
10	970302667	SWITCH,BOSCH STARTER + GLOWING	1	
11	970300967	BUTTON,PUSH	1	
12	970856005	INDICATORI OTTICI A 4 SPIE	1	
13	970304021	COVER	1	
14	970304019	CABLEBINDER,PLASTIC 4.8X195	1	
15	970302666	WIRING,INTERMEDIATE 8MTR 11POS (TOTAL 12M)	1	
16	970302665	WIRING,INTERMEDIATE 4MTR 11POS	1	



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Brand: NanniDiesel	N.	Item	Description	Qty	Notes
Model: Moteur 3.100HE	1	970517303	STARTER,MOTOR 12V 1,0KW 1P	1	
Version: Standard	2	970302661C	WIRING (+++++LE 04/02/05 A PARTIR DU N°251312)	1	
Subassembly: Electrics	3	970307522	ALTERNATOR,14V-60A	1	
	4	970307591	GLOW PLUG	1	
	5	970851700	SWITCH,OIL	1	
	6	970304054	TEMPERATURE SWITCH 1/8 1P 97°C	1	



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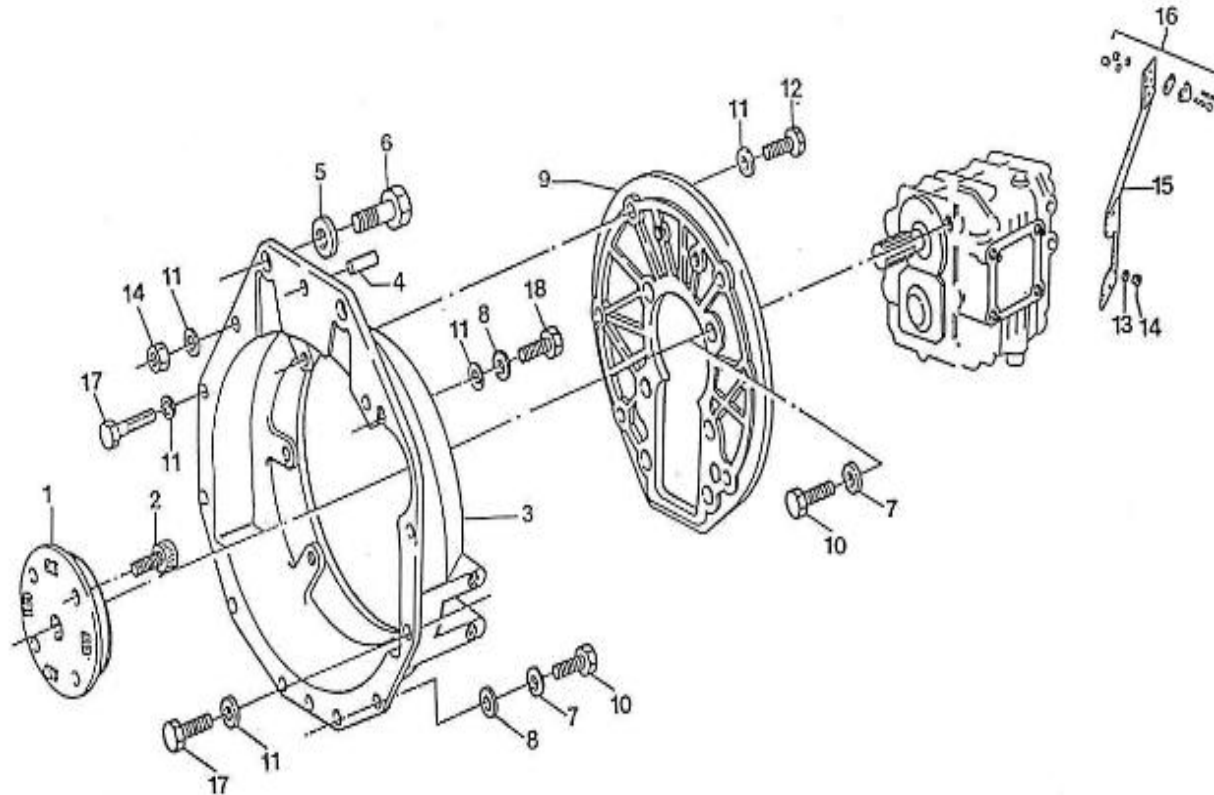
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Brand: NanniDiesel

Model: Moteur 3.100HE

Version: Standard

Subassembly: Flywheel housing



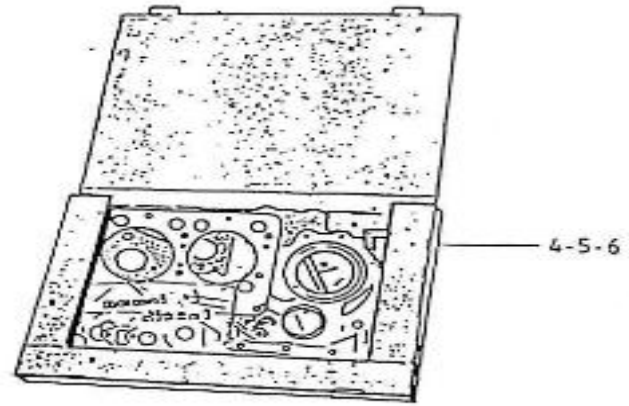
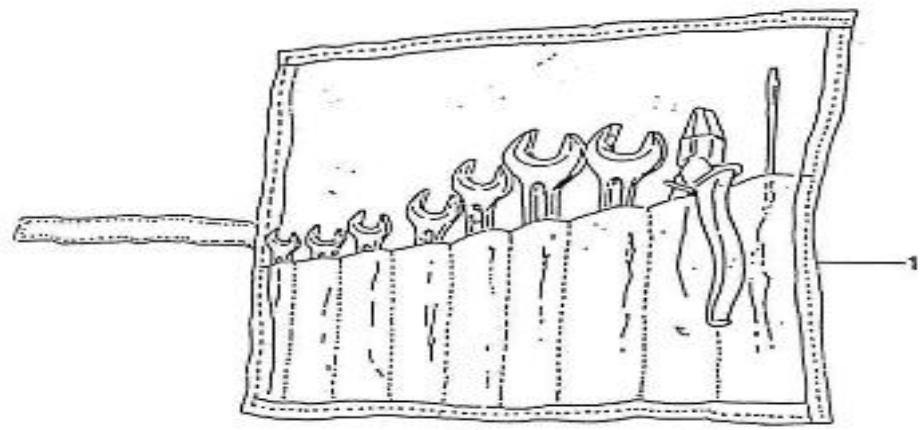
N.	Item	Description	Qty	Notes
1	970776350	DAMPERPLATE	1	
2	970119147	BOLT, SOCK M 6X12 (++)LOCTITE 243 (BLEU) MONTAGE	8	
3	970301400	HOUSING, FLYWHEEL (S5 H/HE)	1	
4	970304063	PIN	1	
5	970119137	WASHER, CORRUGATED D10	2	
6	970304013	BOLT, HEX M10X1.25X 35 (++)FIX. SUPPORT D)	2	
7	970119139	WASHER, CORRUGATED D8 (DONT 3 PTO)	12	
8	970027323	WASHER, PLAIN D 8	1	
9	970301709	PLATE, ADAPTOR HBW50-100-150	1	
10	970119141	BOLT, HEX M8X 20 (++)FIX. SUPPORT COLLIER SUR	6	
11	970119137	WASHER, CORRUGATED D10	6	
12	970635508	BOLT, HEX M10X 25 (A DEFINIR)	6	
13	970119139	WASHER, CORRUGATED D8 (DONT 3 PTO)	2	
14	970027322	NUT, M 8 (++)ECROU FIL DEMARREUR)	2	
15	970300373	SUPPORT, CONTROL HBW	1	
16	970835020	CLAMP	1	
17	970498003	BOLT, SOCK M 8X 25 (POUBELLE)	2	
18	970635917	BOLT, SOCK M 8X 40	1	

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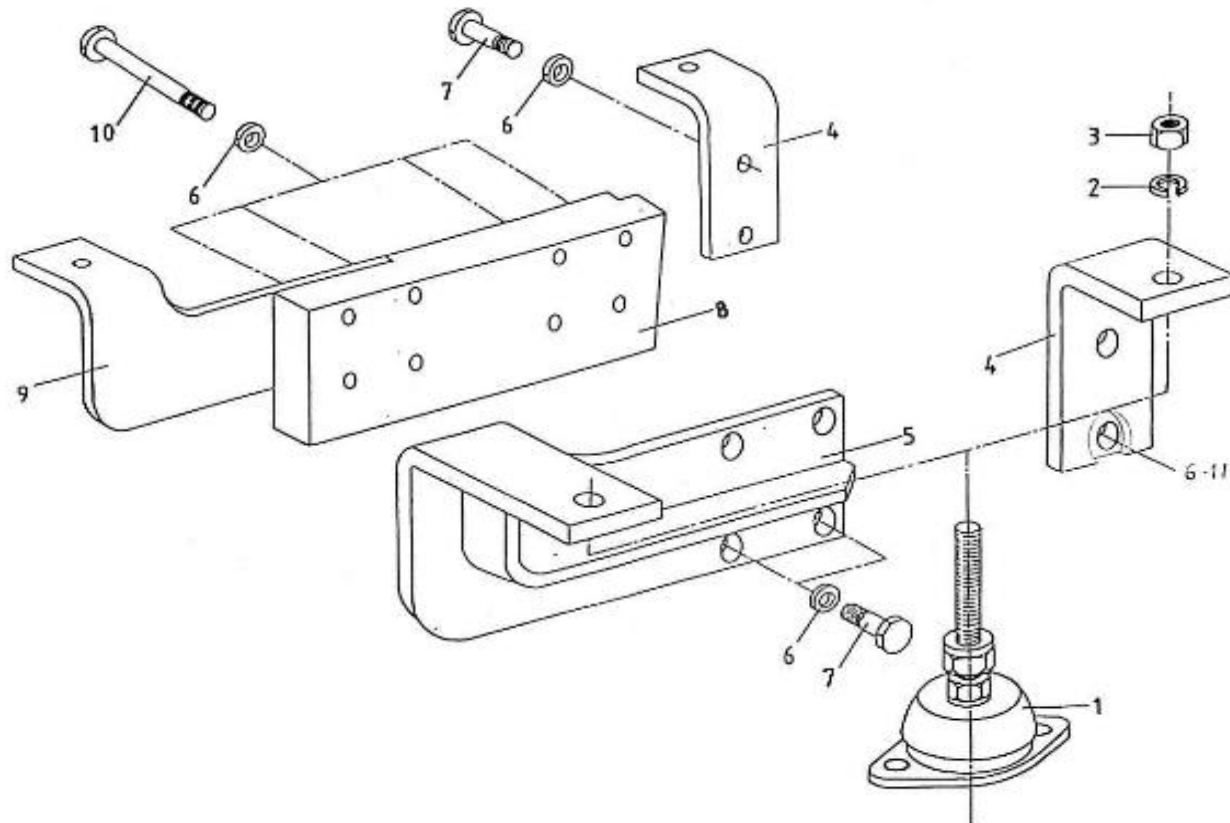
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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Tools gasket set

N.	Item	Description	Qty	Notes
1	970609901	KIT,TOOLS	1	
4	970310528	GASKET SET (<= N°KT08090422)	1	
5	970307171	GASKET SET	1	
6	970307174	GASKET SET	1	



Brand: NanniDiesel	N.	Item	Description	Qty	Notes
Model: Moteur 3.100HE	1	970311062	MOUNT RUBBER (MODIF A PARTIR DU 14/06/05 N°251471	4	
Version: Standard	2	970119136	WASHER, SPRING D10 (POUR INVERSEUR)	4	
Subassembly: Engine mount	3	970119143	NUT, M10	4	
	4	95310327	SUPPORT	2	
	5	95310324	BRACKET	1	
	6	970119136	WASHER, SPRING D10 (POUR INVERSEUR)	16	
	7	970499051	BOLT, HEX M10X1,25X 30 (+++ FIX . PTO)	6	
	8	95310326	MASS	1	
	9	95310325	BRACKET	1	
	10	39160232	BOLT	12	
	11	970300044	BOLT, HEX M10X1,25X 25 (+++ FIX . SUPPORT)	2	

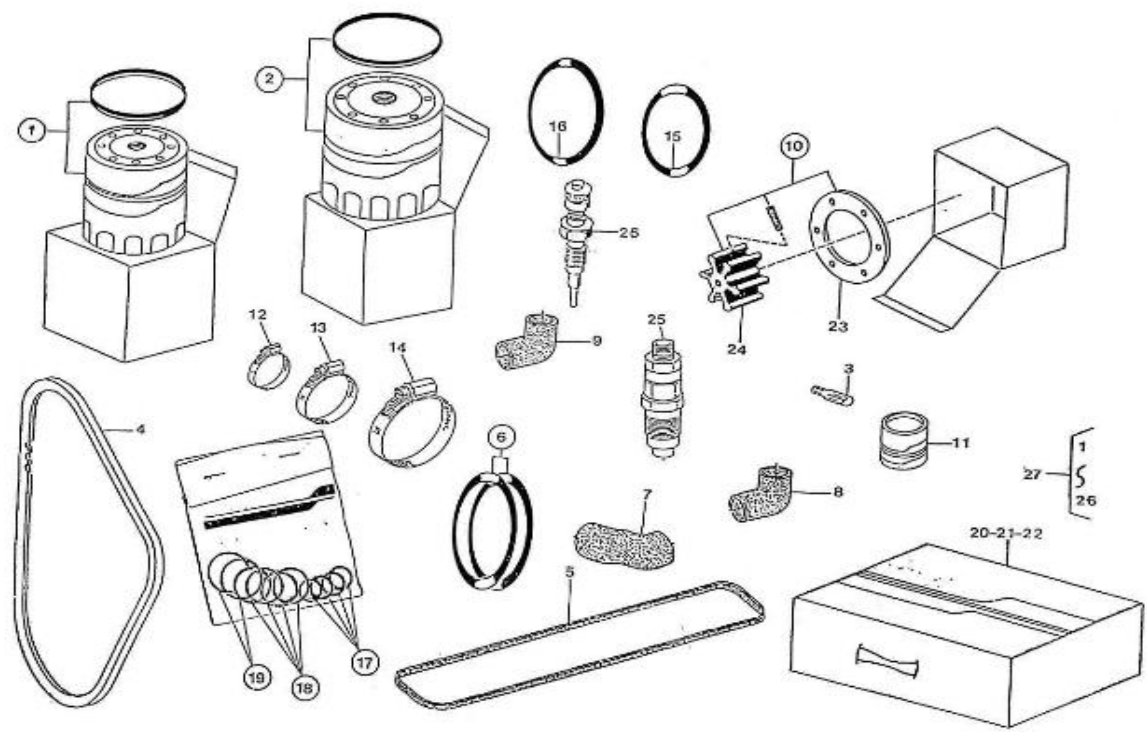


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Brand: NanniDiesel
Model: Moteur 3.100HE
Version: Standard
Subassembly: Spare parts kit

N.	Item	Description	Qty	Notes
1	970310302	FILTER	1	
2	970302742	FILTER,ELEMENT OIL 4.150 3.110	1	
3	970856011	BULB 12V-2W	1	
4	970637399	V-BELT	1	
5	970302833	GASKET,COVER CYL:HEAD 3.110	1	
6	970301719	O-RING,68,00X4,00	2	
7	970301714	HOSE,D32 COVER THERMO.4.190	1	
8	970301713	HOSE,ELBOW COVER HEATEX.4.190 (+++RETOUR MAG -	1	
9	970302630	HOSE	1	
10	970604591	SET,IMPELLER W/PUMP 4.110-190-	1	
11	970301521	PAINT,NANNI BLUE 125CC	1	
12	970439306	CLAMP (++POUR DURITE ORIGINE REF HUILE MOTEUR)	1	
13	970300922	CLAMP,HOSE 26-38 (FOURNITURE POMPE ATTELEE)	1	
14	970604533	CLAMP,HOSE 32-44 (QUANTITE 8 R.P. 4 LE 19/06/2008)	1	
15	970302609	O-RING	1	
16	970302608	O-RING	1	
17	970300288	GASKET,M8 (FIX TUYAU GRAISSAGE)	4	
18	970300306	GASKET,RING D14 (SUR REFROID THERMO MOTA)	2	
19	970300199	GASKET,RING D16	2	
20	970310008	CASE	1	
21	970301347	INSERT,CASE	1	
22	970301348	INSERT,CASE BOTTOM	1	
23	970604529	GASKET,F5B	1	
24	970604530	IMPELLER,WATER PUMP F 5B/-9	1	
25	970302816	INJECTOR,CPL.4.150	1	
26	970307591	GLOW PLUG	1	
27	970310530	MAINTENANCE KIT	1	



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