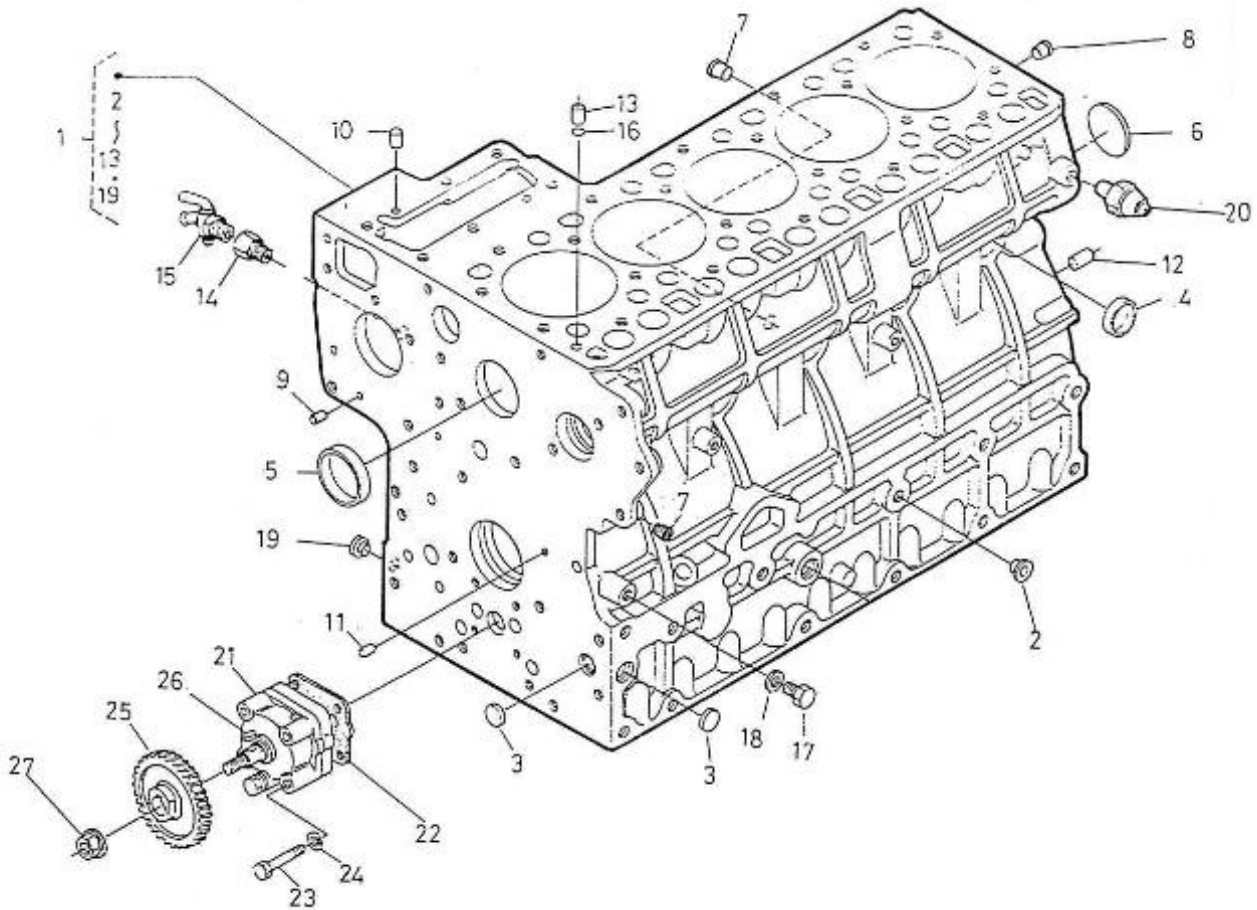


Filtre(s) :

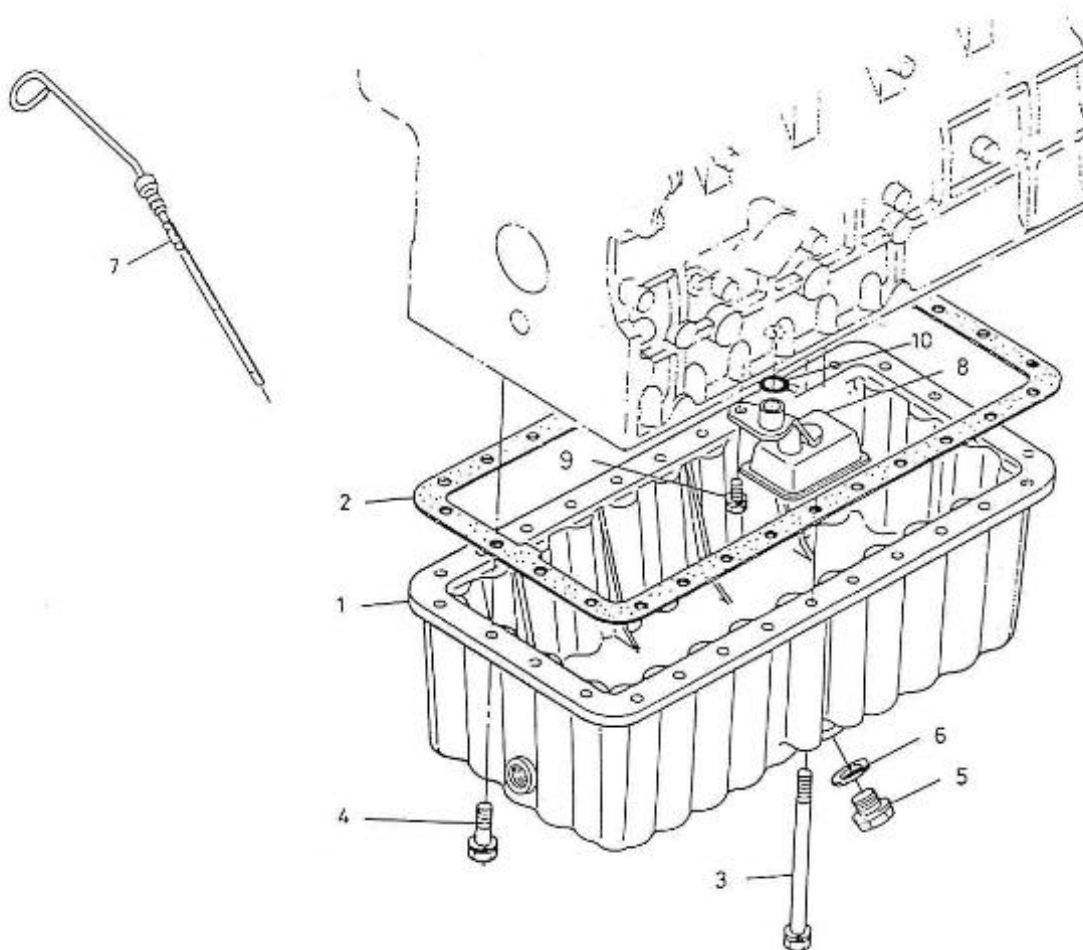
- type: 5.280HE STANDARD ENGINE

## 5.280HE STANDARD ENGINE / ENGINE BLOCK



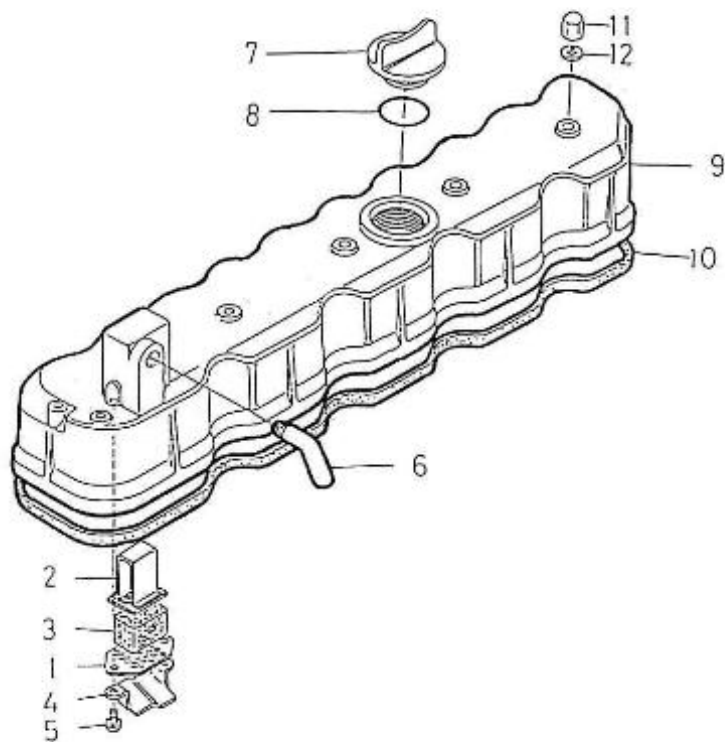
Part number	Item	Désignation article	Quantity
970307900	1	COMP.CRANKCASE	1
970301902	2	PLUG	3
970301903	3	PLUG	3
970301905	4	CAP,SEALING	8
970301906	5	CAP,FREEZE	2
970301904	6	PLUG,EXPANSION	1
970490108	7	PLUG,SOCK	7
970490109	8	PLUG,SOCK	2
970301907	9	PIN,CYLINDRICAL	2
970490122	10	PIN,CYLINDRICAL	2
970301908	11	PIN,CYLINDRICAL	2
970301909	12	PIN,CYLINDRICAL	1
970490112	13	PIN,PIPE	1
970301911	14	NIPPLE,REDUCTION	1
970301918	15	TAP,DRAIN	1
970490116	16	O-RING	1
970301912	17	PLUG	1
970491131	18	WASHER,SEAL	1
970301901	19	PLUG	2
970851700	20	SWITCH,OIL	1
970307901	21	PUMP,OIL CPL.	1
970301914	22	GASKET,OIL PUMP	1
970302926	23	BOLT,M 6X 48	4
970119149	24	WASHER, SPRING D 6	4
970307902	25	GEAR,OIL PUMP DRIVE	1

## 5.280HE STANDARD ENGINE / OIL SUMP - OIL PUMP



Part number	Item	Désignation article	Quantity
970307973	1	PAN,OIL	1
970307903	1	PAN,OIL	1
970307904	2	GASKET,OIL PAN NA	1
970307905	3	BOLT	3
970307906	4	BOLT	26
970307907	5	PLUG,DRAIN	1
970307489	6	GASKET	1
970307780	7	GAUGE,OIL	1
970307908	8	FILTER,OIL 1	1
970313311	9	BOLT	1
970307909	10	O RING	1

## 5.280HE STANDARD ENGINE / CYLINDER HEAD COVER



Part number	Item	Désignation article	Quantity
970301990	1	PLATE,BREATHER ELEMENT N01	1
970490302	2	HOUSING,BREATHER ELEMENT	1
970490305	3	FILTER,BREATHER ELEMENT	1
970301991	4	SHIELD,OIL BREATHER	1
970490307	5	SCREW,M 5X 10	2
970301993	6	PIPE,BREATHER	1
970490510	7	CAP,FILLING OIL	1
970490511	8	O-RING	1
970307916	9	COVER,HEAD	1
970307917	10	GASKET,HEAD COVER	1
970301996	11	NUT,CAP	5
970491131	12	WASHER,SEAL	5



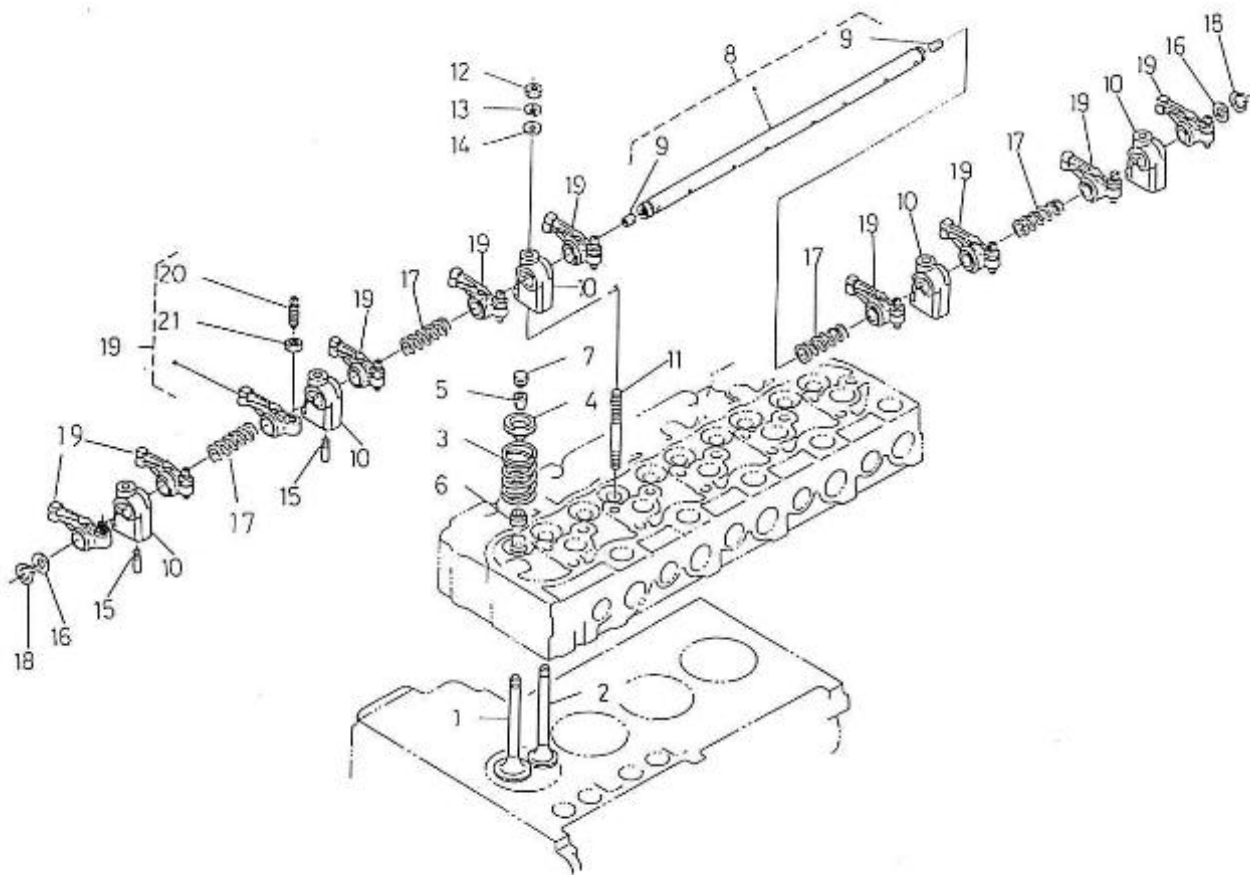
Part number	Item	Désignation article	Quantity
970307912	1	COMP CASE,GEAR	1
970140202	2	PLUG, SOCK	2
970301922	3	O-RING	2
970302696	4	O-RING	1
970301923	5	O-RING	1
970490204	6	PIN,TIMING COVER	1
970301908	7	PIN,CYLINDRICAL	2
970307913	8	GASKET,GEAR CASE NA	1
970301929	9	BOLT	2
970302950	11	BOLT	5
970301280	12	BOLT,HEX M 8X 90	2
970490904	13	WASHER,SPRING D 8	15
970301933	14	WASHER,PLAIN D 8	15
970302951	15	BOLT,SPRING RETAINER	1
970307914	16	SPRING,SAFETY VALVE	1
970302953	17	BEARING,BALL	1
970302856	18	O-RING	1
970301923	19	O-RING	1
970301976	20	SEAL,OIL	1
970301931	21	FLANGE,WATER RETURN	1
970301932	22	GASKET,FLANGE W/RETURN	1
970491536	23	BOLT,M 6X 20	3
970302956	24	COVER,OIL FILTER CPL.6.280	1
970302695	25	VALVE,RELIEF CPL.	1
970603003	26	FILTER,ELEMENT OIL 4.180/90	1
970302957	27	GASKET,COVER OIL FILTER	1
970302958	28	BOLT	4



Part number	Item	Désignation article	Quantity
970307296	1	HOOK,ENGINE	1
970302147	2	HOOK,ENGINE 4.190	1
970490919	3	BOLT,M 8X 16	1
970301935	4	STUD	2
970027322	5	NUT,M 8	2
970119138	6	WASHER,SPRING D 8	2
970119138	7	WASHER,SPRING D 8	2
970307910	8	COMP.CYLINDER HEAD	1
970301937	9	CAP,FREEZE	15
970301938	10	CAP,FREEZE	1
970490107	11	PLUG,SOCK	2
970301939	12	GUIDE,VALVE INTAKE 4.190	5
970301940	13	GUIDE,VALVE EXHAUST	5
970307896	14	PLUG	1
970307298	15	BOLT,CYLINDER HEAD	22
970307911	16	GASKET,CYL.HEAD NA	1
970140908	17	PLUG, CYL.HEAD 2.40	1
970307301	18	WASHER,WITH RUBBER	1
970492138	19	BOLT,M 8X 22	2
970307535	20	HOSE	1
970302120	21	PIPE,WATER RETURN 2	1
970302121	22	CLAMP,HOSE	2
970302124	23	GASKET,WATER FLANGE	1
970307511	24	HOUSING, THERMOSTAT	1
970302088	25	STUD,M 8X 22	1
970300193	26	BOLT,HEX M 8X 70	1
970490903	27	NUT,M 8	1

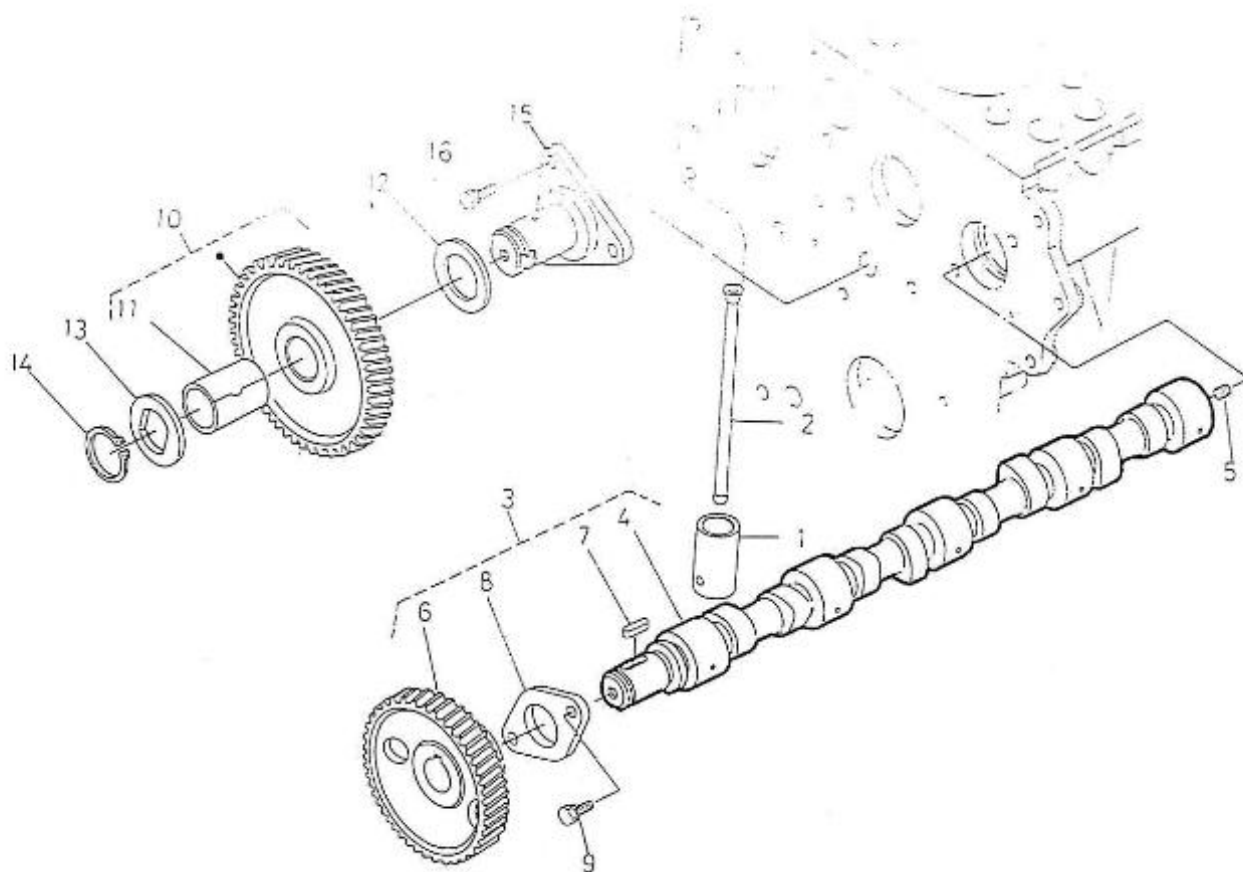


## 5.280HE STANDARD ENGINE / VALVES AND SPRINGS



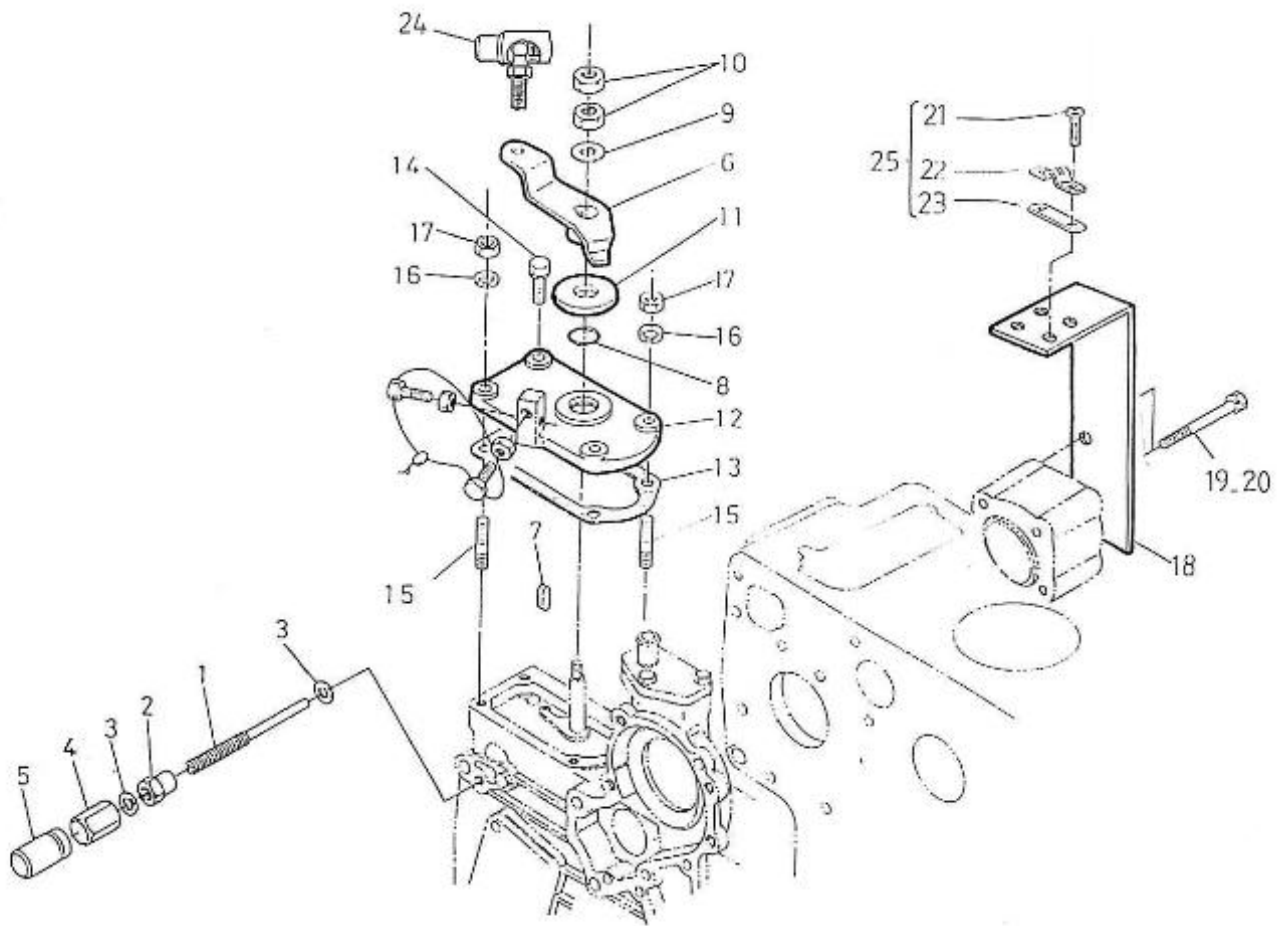
Part number	Item	Désignation article	Quantity
970307772	1	VALVE,INLET	5
970307400	2	VALVE,EXHAUST	5
970302005	3	SPRING,VALVE	10
970302006	4	RETAINER,VALVE SPRING	10
970302007	5	COLLET,VALVE SPRING	10
970302008	6	SEAL,VALVE STEM	10
970302009	7	CAP,VALVE	10
970307774	8	ROCKER ARM AXLE	1
970313711	9	SCREW,SET	2
970302012	10	BRACKET,ROCKER ARM	5
970302013	11	STUD	5
970490903	12	NUT,M 8	5
970490904	13	WASHER,SPRING D 8	5
970301933	14	WASHER,PLAIN D 8	5
970302014	15	SCREW,SET	1
970302015	16	WASHER	2
970302016	17	SPRING,ROCKER ARM	4
970302017	18	CIR-CLIP,EXTERNAL	2
970307402	19	ASSY ROCKER ARM	10
970302019	20	SCREW,ADJUSTING	10
970302021	21	NUT	10

## 5.280HE STANDARD ENGINE / CAMSHAFT



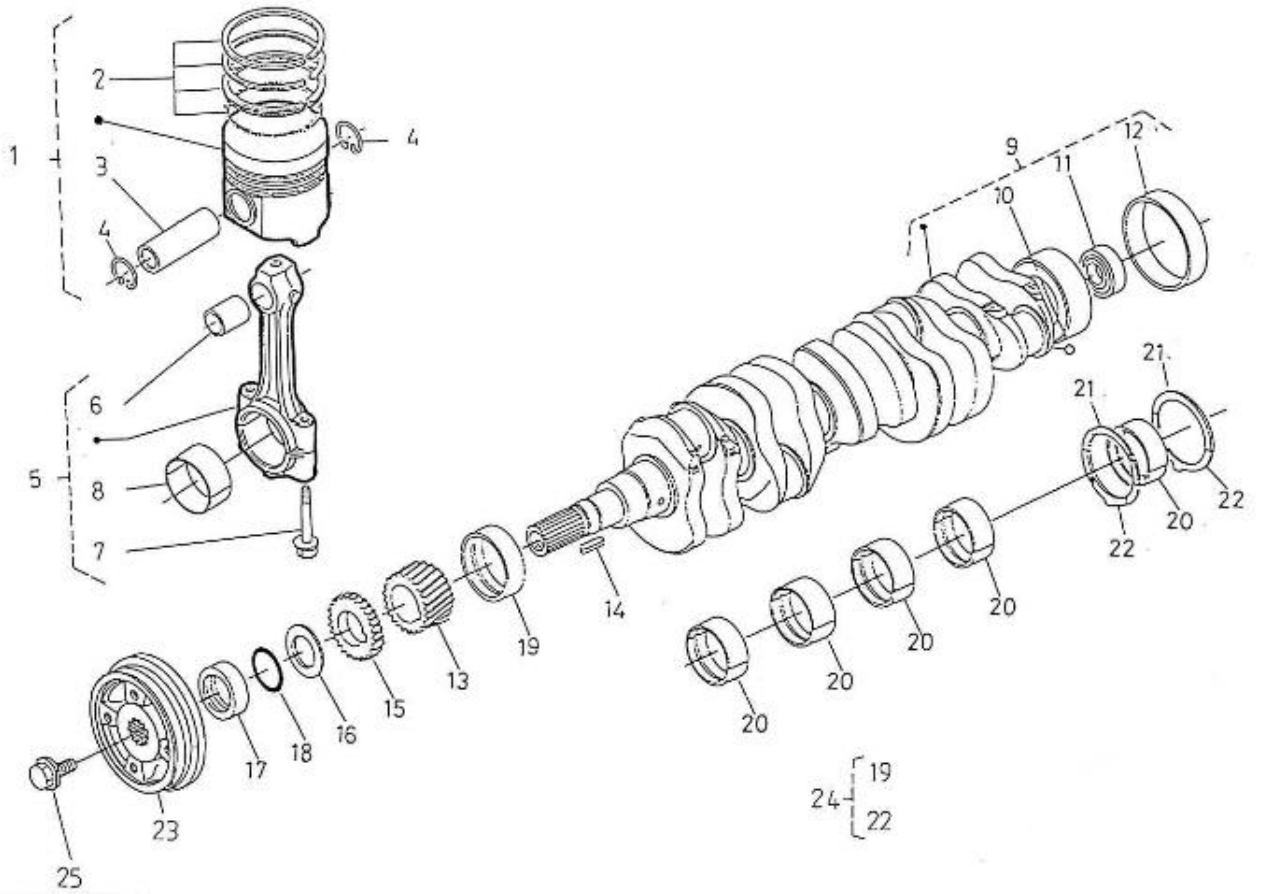
Part number	Item	Désignation article	Quantity
970307317	1	TAPPET	10
970307318	2	ROD,PUSH	10
970307922	3	ASSY CAMSHAFT	1
970307923	4	CAMSHAFT	1
970302043	5	SCREW,SET	1
970307924	6	GEAR,CAMSHAFT	1
970301966	7	KEY,FEATHER	1
970302045	8	STOPPER,CAMSHAFT	1
970491134	9	BOLT,M 8X 18	2
970307925	10	COMP.GEAR,IDLE	1
970307926	11	BUSH,IDLE GEAR	1
970307927	12	COLLAR	1
970307928	13	COLLAR	1
970307929	14	CIR-CLIP,EXTERNAL	1
970307930	15	SHAFT,IDLE GEAR	1
970491134	16	BOLT,M 8X 18	3

5.280HE STANDARD ENGINE / ACCELERATOR



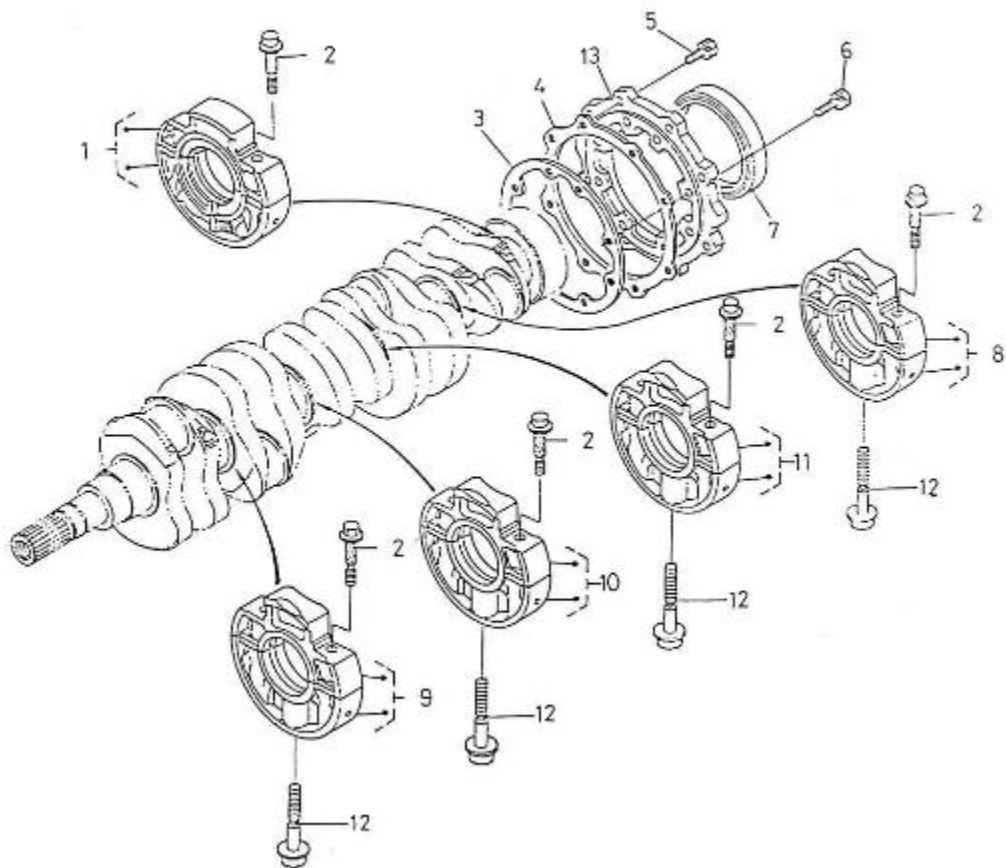
Part number	Item	Désignation article	Quantity
970302022	1	SCREW,ADJUSTING	1
970140402	2	NUT	1
970150403	3	RING,SEAL	2
970140504	4	NUT, CAP M8	1
970302411	5	CAP,NUT	1
970303912	6	LEVER,SPEED CONTROL	1
970143118	7	KEY,FEATHER	1
970302024	8	O-RING	1
970302025	9	WASHER,PLAIN D 8	1
970302026	10	NUT,M 8	2
970302027	11	SPACER,GOVERNOR	1
970302028	12	COVER,SPEED CONTROL 4.190	1
970302029	13	GASKET,COVER SPEED CONTROL	1
970491537	14	BOLT,M 6X 25	2
970490224	15	STUD	2
970119149	16	WASHER, SPRING D 6	2
970151133	17	NUT,M 6	4
970307403	18	SUPPORT,THROTTLE	1
970300193	19	BOLT,HEX M 8X 70	2
970119138	20	WASHER,SPRING D 8	2
970300317	21	BOLT,HEX M 5X 16	2
QCC33010TF	22	THREADING COLLAR JACKET 33C	1
QCC33014TF	23	COUNTER PLATE 33/43C	1
970830124	24	JOINT	1
970835020	25	CLAMP	1

# 5.280HE STANDARD ENGINE / CRANKSHAFT-PISTONS



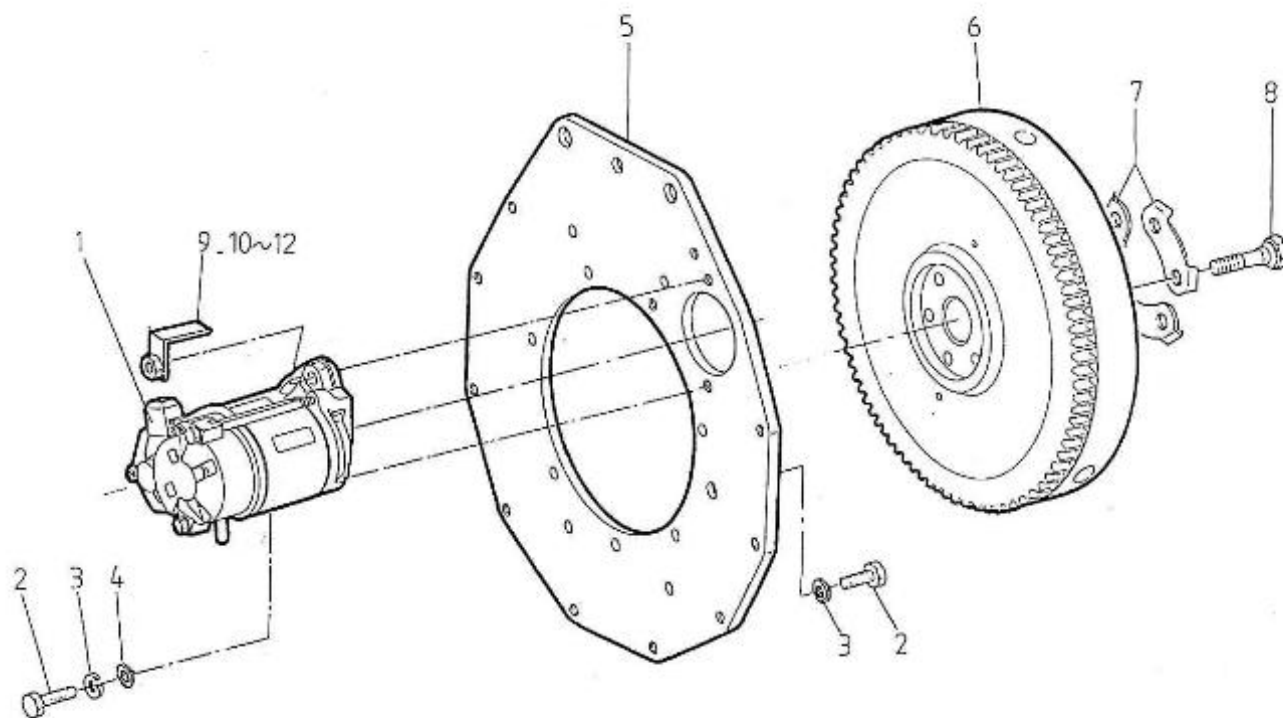
Part number	Item	Désignation article	Quantity
970307328	1	PISTON 05	5
970307528	2	PISTON	5
970307329	3	ASSY RING,PISTON	5
970307330	4	ASSY RING,PISTON 05	5
970307331	5	PIN,PISTON	5
970307332	6	CLIP,PISTON PIN	5
970307333	7	ASSY ROD,CONNECTING	5
970307334	8	BUSH,PISTON PIN	5
970301934	9	BOLT,CONN.ROD	10
970307335	10	METAL,CRANK PIN	5
970307336	11	METAL,CRANK PIN 02	5
970307337	12	METAL,CRANK PIN 04	5
970307931	13	COMP.CRANKSHAFT	1
970302897	14	BEARING,BALL	5
970307932	15	BEARING,BALL(RADIAL)	1
970307933	16	SLEEVE,CRANKSHAFT	1
970302984	17	GEAR,CRANKSHAFT	1
970302985	18	KEY,FEATHER	1
970307934	19	GEAR,OIL PUMP DRIVE	1
970302987	20	SLINGER,OIL	1
970307936	21	COLLAR,CRANK SHAFT	1
970301969	22	O-RING	1
970301972	23	METAL,CRANKSHAFT 1	1
970302406	24	METAL,CRANKSHAFT 1 +0,2	1
970307341	25	METAL,C/SHAFT 1 04	1
970301973	26	METAL,CRANKSHAFT 2	5
970307343	27	METAL,C/SHAFT 2 02	5
970307944	28	SHAFT,LEVER	5
970301974	29	METAL,SIDE 1	2
970307345	30	METAL,SIDE 1-02	2
970307946	31	SHIM,INJ.PUMP 0.30	2
970301975	32	METAL,SIDE 2	2
970307937	33	METAL,SIDE 2-02	2
970307938	34	METAL,SIDE 2-04	2
970307769	35	PULLEY,FAN DRIVE	1
970301972	36	METAL,CRANKSHAFT 1	1
970307770	37	BOLT	1

## 5.280HE STANDARD ENGINE / CRANKSHAFT-BEARINGS



Part number	Item	Désignation article	Quantity
970307308	1	CASE, MAIN BEARING	1
970307309	2	BOLT,BEARING CASE	10
970307310	3	GASKET,BRG.CASE NA	1
970310427	4	GASKET NA	1
970147402	5	BOLT,M 8X 25	8
970301986	6	BOLT,M 8X 28	8
970307919	7	SEAL,OIL	1
970307313	8	CASE, MAIN BEARING	1
970307314	9	CASE, MAIN BEARING	1
970307315	10	CASE, MAIN BEARING	1
970307920	11	ASSY CASE,MAIN BRG.	1
970307316	12	BOLT,BEARING CASE	4
970314277	13	COVER,BEARING CASE	1

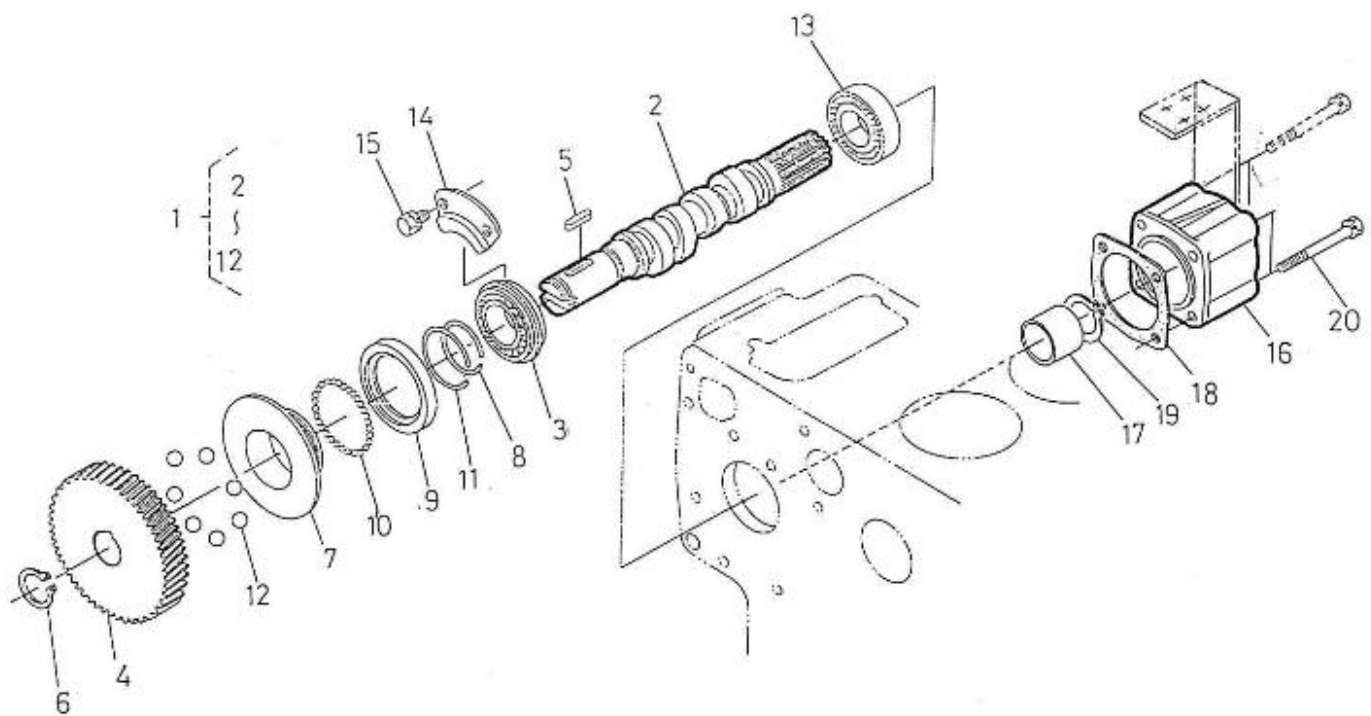
## 5.280HE STANDARD ENGINE / FLYWHEEL



Part number	Item	Désignation article	Quantity
970302070	1	STARTER,MOTOR 12V 0,8KW	1
970300044	2	BOLT,HEX M10X1,25X 25	12
970119136	3	WASHER,SPRING D10	13
970119135	4	WASHER,PLAIN D10	2
970302643	5	PLATE,REAR END 6.280	1
970304018	6	FLYWEEL,CPL. 6.280	1
970302397	7	WASHER,FLYWHEEL 3PCS.	1
970302396	8	BOLT,FLYWHEEL	6
970307436	9	NUT	1
970119140	10	BOLT,SOCK M10X 50	1
970119135	11	WASHER,PLAIN D10	1
970119136	12	WASHER,SPRING D10	1

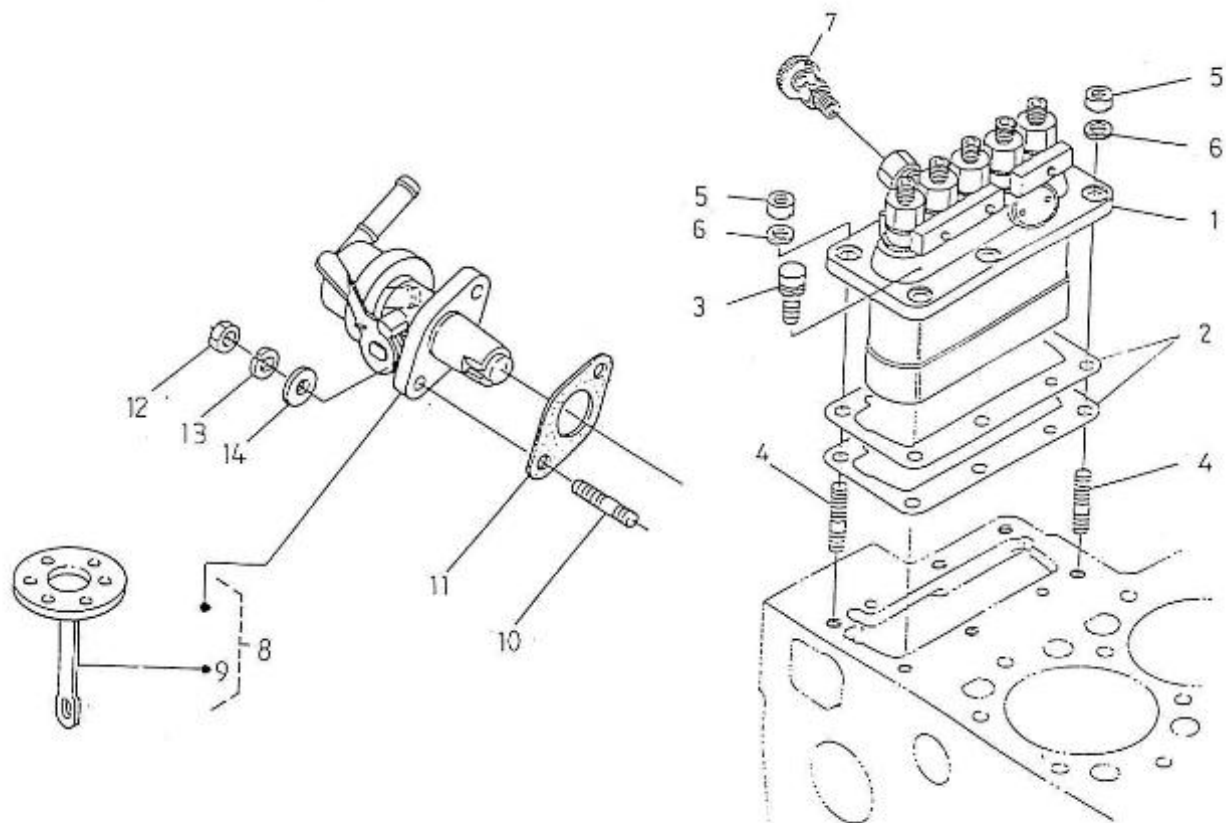


## 5.280HE STANDARD ENGINE / CAMSHAFT INJECTION PUMP



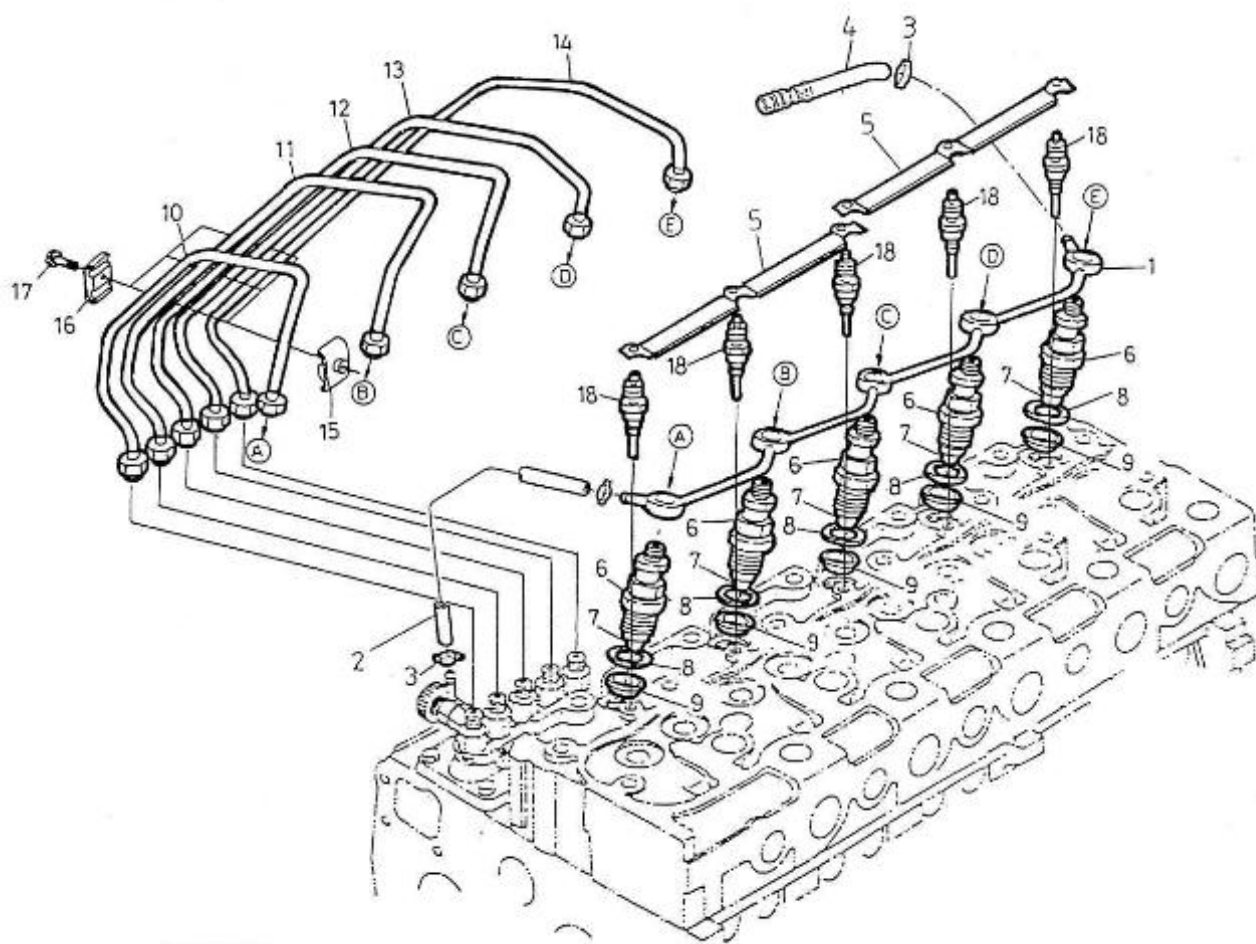
Part number	Item	Désignation article	Quantity
970307939	1	CAMSHAFT,FUEL CPL.	1
970307940	2	CAMSHAFT,FUEL	1
970312500	3	BEARING, BALL	1
970307351	4	GEAR,INJECTION PUMP	1
970312501	5	KEY, FEATHER	1
970302097	6	CIR-CLIP,EXTERNAL	1
970307352	7	SLEEVE,GOVERNOR	1
970302099	8	CIR-CLIP,GOVERNOR SLEEVE	1
970303929	9	CASE,GOVERNOR BALL	1
970492130	10	BEARING,BALL FUEL CAMSHAFT	39
970302100	11	CIR-CLIP,GOVERNOR BALL CASE	1
970303930	12	BEARING,BALL	7
970302105	13	BEARING,CASE	1
970302106	14	STOPPER,FUEL CAMSHAFT	1
970313311	15	BOLT	2
970303931	16	COVER,FUEL CAMSHAFT	1
970303932	17	BUSHING,COVER CAMSHAFT	1
970310513	18	GASKET	1
970312517	19	CIR CLIP , EXTERNAL	1
970307353	20	BOLT	2

## 5.280HE STANDARD ENGINE / INJECTION AND FEED PUMP



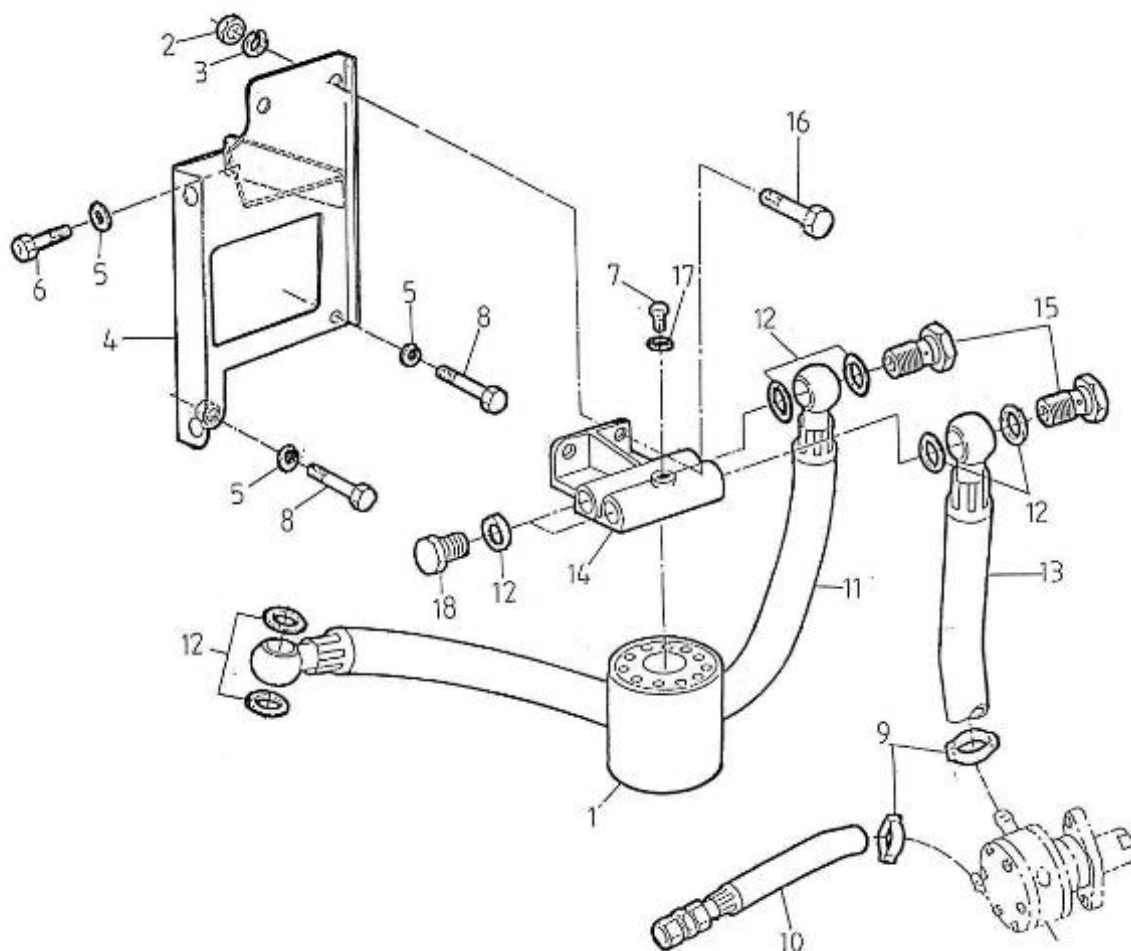
Part number	Item	Désignation article	Quantity
970307945	1	ASSY PUMP,INJECTION	1
970307946	2	SHIM,INJ.PUMP 0.30	2
970492138	3	BOLT,M 8X 22	3
970302088	4	STUD,M 8X 22	2
970490903	5	NUT,M 8	2
970490904	6	WASHER,SPRING D 8	2
970307368	7	ASSY COCK,JET START	1
970307768	8	ASSY PUMP,FUEL	1
970307110	9	COMP.DIAPHRAGM NA	1
970492513	10	STUD, M 6X 16	2
970492512	11	GASKET,FUEL PUMP	1
970151133	12	NUT,M 6	2
970119149	13	WASHER, SPRING D 6	2
970141326	14	WASHER, PLAIN D6	2

## 5.280HE STANDARD ENGINE / INJECTION NOZZLES AND PIPES



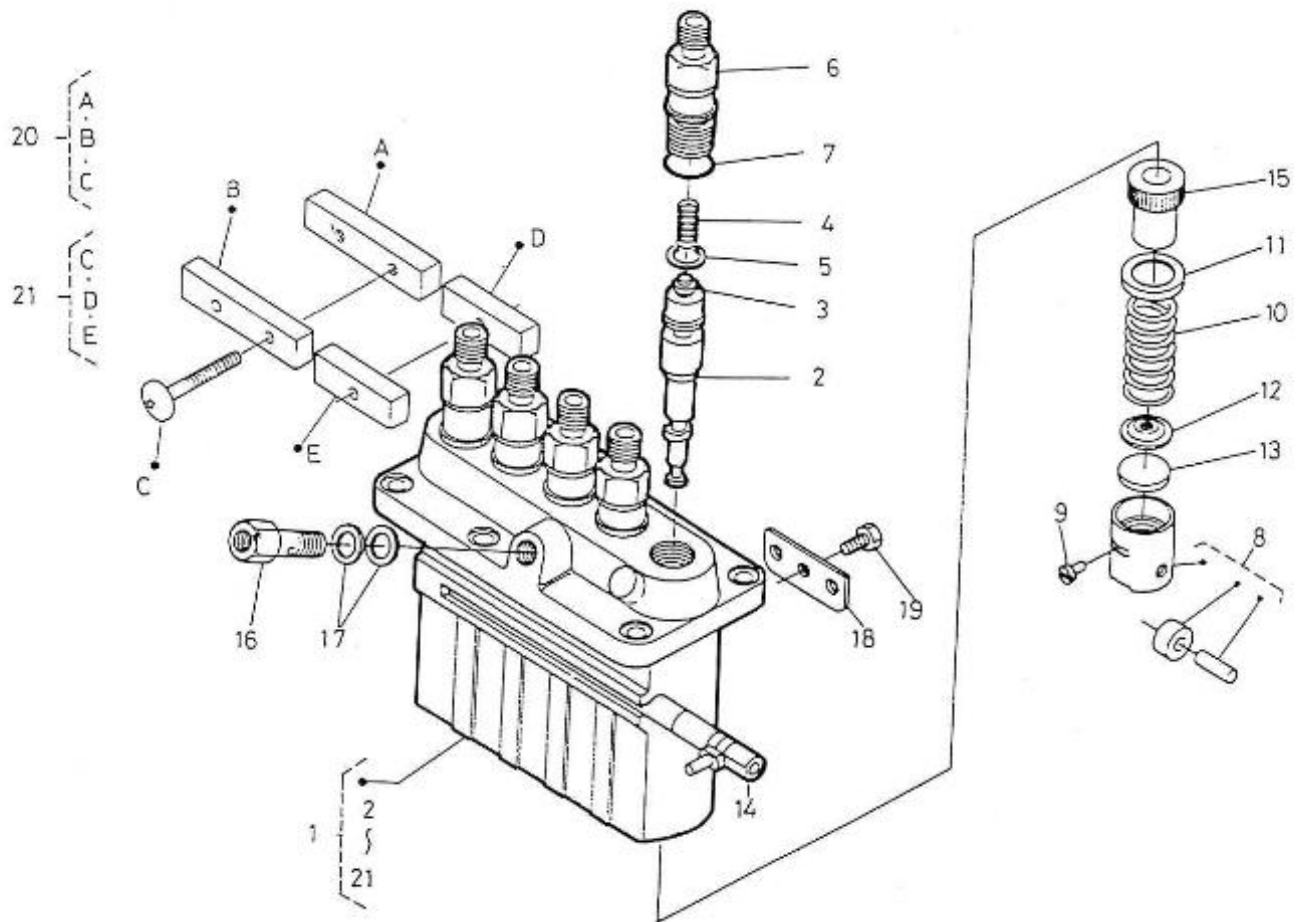
Part number	Item	Désignation article	Quantity
970307759	1	ASSY PIPE,OVER FLOW	1
970307278	2	HOSE	1
970310171	3	CLAMP	3
970307279	4	HOSE	1
970307767	5	CORD,GLOW PLUG	2
970307760	6	KIT,NOZZLE HOLDER	5
970307766	7	PIECE,NOZZLE	5
970142109	8	GHASKET, RING INJECTORS	5
970307388	9	SEAL,HEAT	5
970307761	10	PIPE,INJECTION	1
970307762	11	PIPE,INJECTION	1
970307763	12	PIPE,INJECTION	1
970307764	13	PIPE,INJECTION	1
970307765	14	PIPE,INJECTION	1
970142114	15	CLAMP,FUEL LINES 1+2	4
970142115	16	CLAMP,FUEL-LINES 1+2	4
970492118	17	SCREW,M 5X 20 ROUND HEAD	4
970307393	18	GLOW PLUG	5

## 5.280HE STANDARD ENGINE / FUEL FILTER



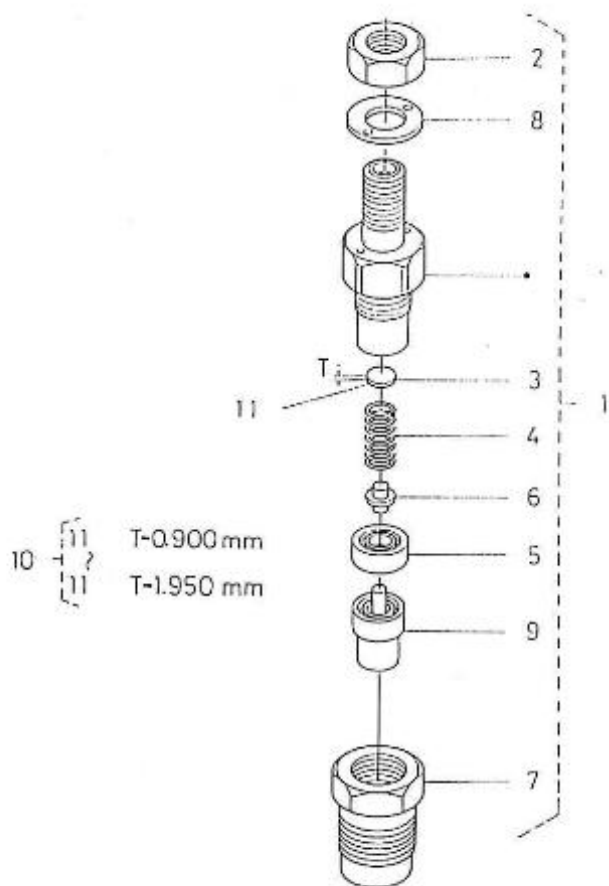
Part number	Item	Désignation article	Quantity
970622350	1	FILTER,FUEL	1
970119143	2	NUT, M10	2
970119136	3	WASHER,SPRING D10	2
970302677	4	SUPP,FUELFILTER-OILEXTR.4.190,	1
970119138	5	WASHER,SPRING D 8	3
970498003	6	BOLT,SOCK M 8X 25	1
970832061	7	BOLT	1
970301280	8	BOLT,HEX M 8X 90	2
970439306	9	CLAMP	2
970302330	10	HOSE,FUEL SUPPLY CPL.	1
970301850	11	HOSE,FUEL INJ.PUMP CPL.	1
970300306	12	GASKET,RING D14	8
970301849	13	HOSE,FUEL SUPPLY CPL.	1
970302494	14	SUPPORT,FUEL FILTER ELEMENT H-	1
970432515	15	BOLT,BANJO M14X1,5	2
970635508	16	BOLT,HEX M10X 25	2
970300288	17	GASKET,M8	1
970875506	18	PLUG	2
970307396	19	PUMP,FUEL FEED	1

## 5.280HE STANDARD ENGINE / INJECTION AND FEED PUMPS



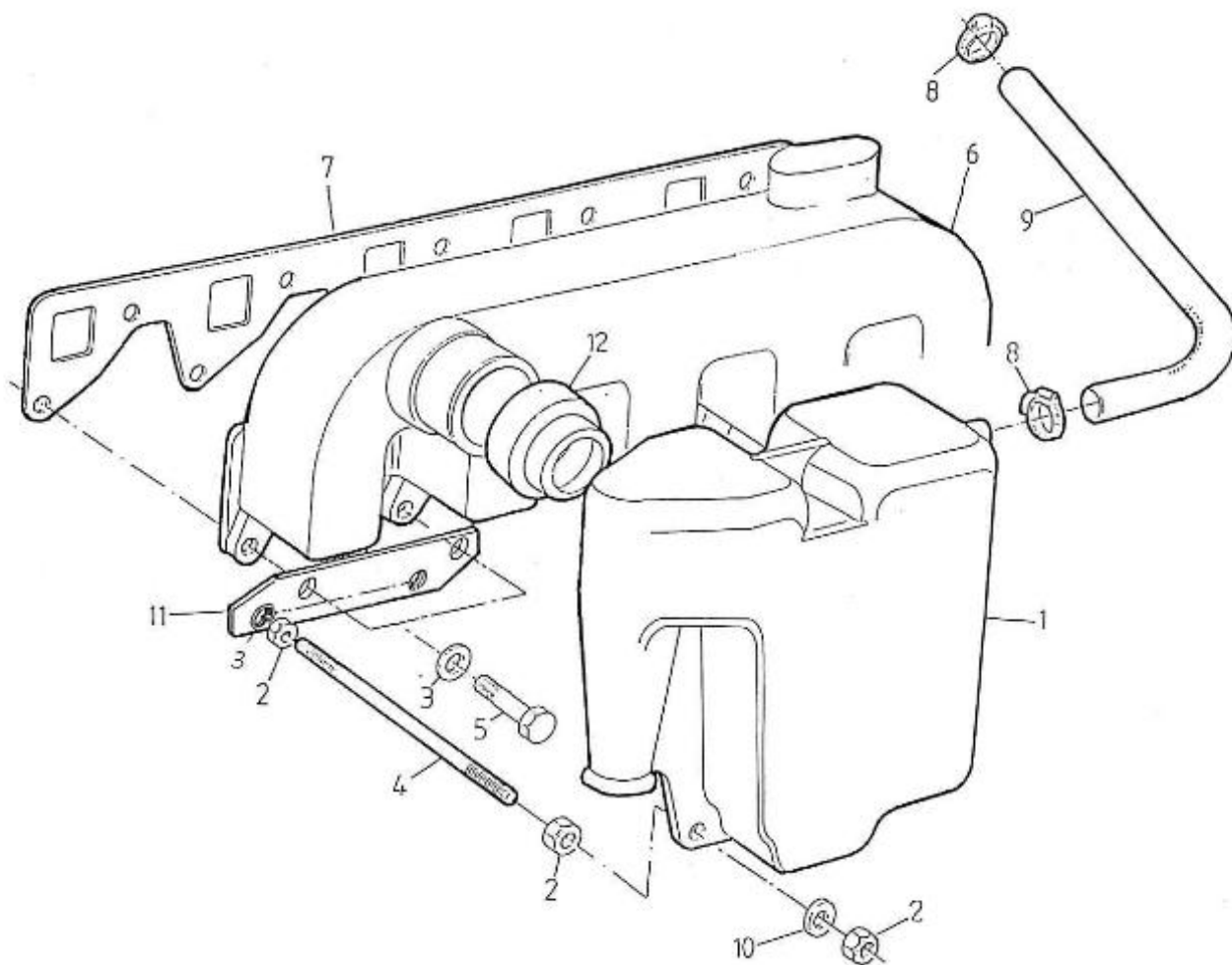
Part number	Item	Désignation article	Quantity
970307945	1	ASSY PUMP,INJECTION	1
970307947	2	ASSY PLUNGER	5
970307948	3	VALVE,DELIVERY.	5
970307949	4	SPRING,DELIV.VALVE	5
970303971	5	GASKET,RING	5
970307372	6	HOLDER,DELIV.VALVE	5
970307822	7	O RING	5
970303985	8	TAPPET,INJ.PUMP CPL.	5
970307374	9	PIN,TAPPET GUIDE	5
970303982	10	SPRING,PLUNGER	5
970303981	11	SEAT,SPRING -UPPER-	5
970307752	12	SEAT,SPRING	5
970307753	13	SHIM	5
970307754	14	RACK,CONTROL	1
970303980	15	SLEEVE,CONTROL	5
970302107	16	SCREW,INJ.PUMP	1
970302108	17	GASKET,RING INJ.PUMP	2
970303968	18	PLATE,ADJUSTING	4
970303969	19	BOLT	4
970307756	20	ASSY PLATE,LOCK	1
970307373	21	ASSY LOCK PLATE	1

## 5.280HE STANDARD ENGINE / INJECTION NOZZLE



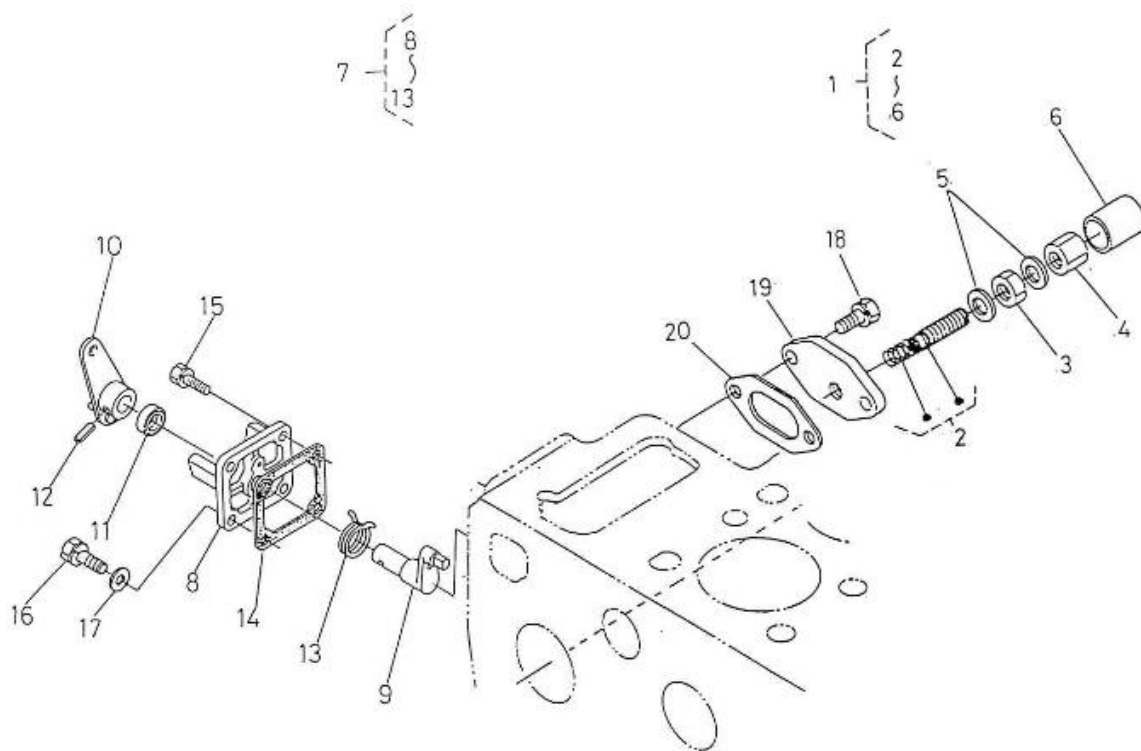
Part number	Item	Désignation article	Quantity
970307760	1	KIT,NOZZLE HOLDER	5
970142175	2	NUT,NOZZLE INJ.	5
970302825	3	SPACER,ADJ.NOZZLE STD. 0.900	5
970142171	4	SPRING,NOZZLE FUEL	5
970142173	5	PIECE,DISTANCE NOZZLE INJ.	5
970142170	6	ROD,PUSH NOZZLE FUEL	5
970307595	7	NUT	5
970302826	8	WASHER,NOZZLE INJ.	5
970307766	9	PIECE,NOZZLE	5
970142200	10	SET,SPACER NOZZLE	5
970302825	11	SPACER,ADJ.NOZZLE STD. 0.900	5

## 5.280HE STANDARD ENGINE / AIR FILTER



Part number	Item	Désignation article	Quantity
970301715	1	FILTER,AIR 4.190 6.280	1
970024015	2	NUT,M 8 A2	6
970119139	3	WASHER,CORRUGATED D8	4
970301581	4	STUD,M 8X110	2
970119148	5	BOLT, HEX M 8X 30	2
970307775	6	MANIFOLD,INLET	1
970310498	7	GASKET,MANIFOLD NA	1
970439306	8	CLAMP	2
970496045	9	HOSE,CARTER DEAIR	1
970119139	10	WASHER,CORRUGATED D8	2
970307414	11	SUPPORT AIR FILTER	1
970307415	12	HOSE	1

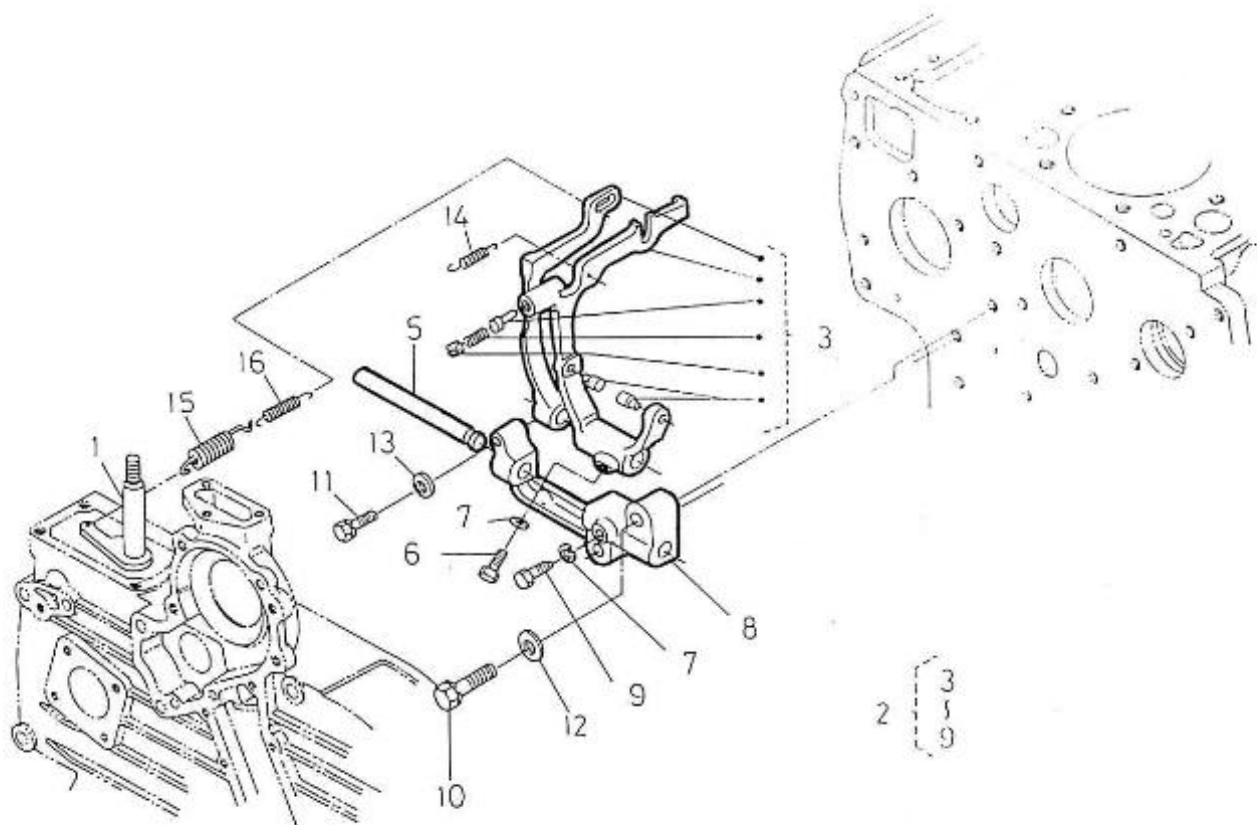
## 5.280HE STANDARD ENGINE / REGULATOR ADJUSTMENT



Part number	Item	Désignation article	Quantity
970307354	1	APPARATUS,IDLING	1
970307356	2	ASSY BOLT,ADJUSTING	1
970303906	3	NUT	1
970307355	4	NUT,CAP	1
970491131	5	WASHER,SEAL	2
970302069	6	CAP	1
970307942	7	ASSY LEVER,ENG.STOP	1
970307943	8	COVER,INJECTION PUMP	1
970307944	9	SHAFT,LEVER	1
970307360	10	LEVER,ENGINE STOP	1
970302861	11	SEAL,OIL	1
970151130	12	PIN,SPRING RETAINER	1
970307361	13	SPRING,RETURN	1
970310448	14	GASKET,PUMP COVER NA	1
970490119	15	BOLT,M 6X 18	2
970141537	16	BOLT, M6X22	2
970141326	17	WASHER, PLAIN D6	2
970491117	18	BOLT,M 6X 16	2
970302930	19	COVER	1
970302931	20	GASKET	1

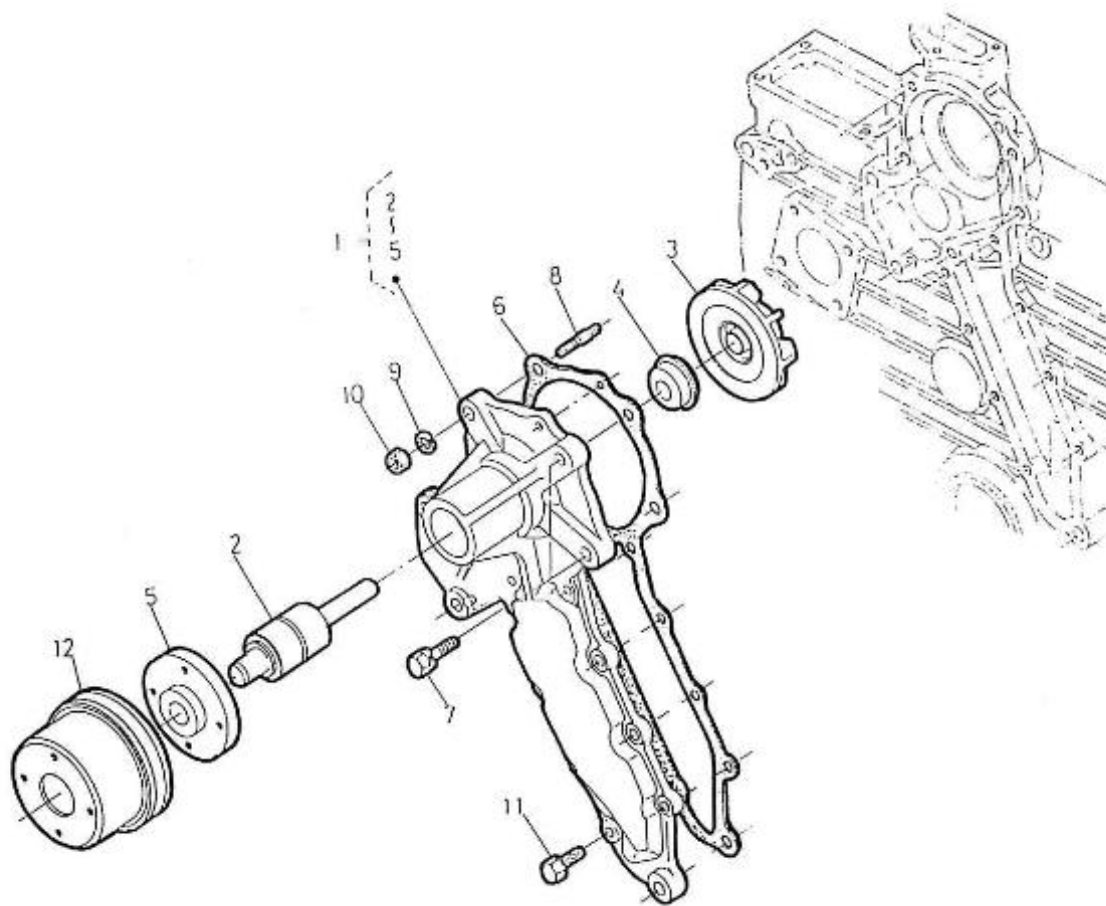


## 5.280HE STANDARD ENGINE / SPEED REGULATOR



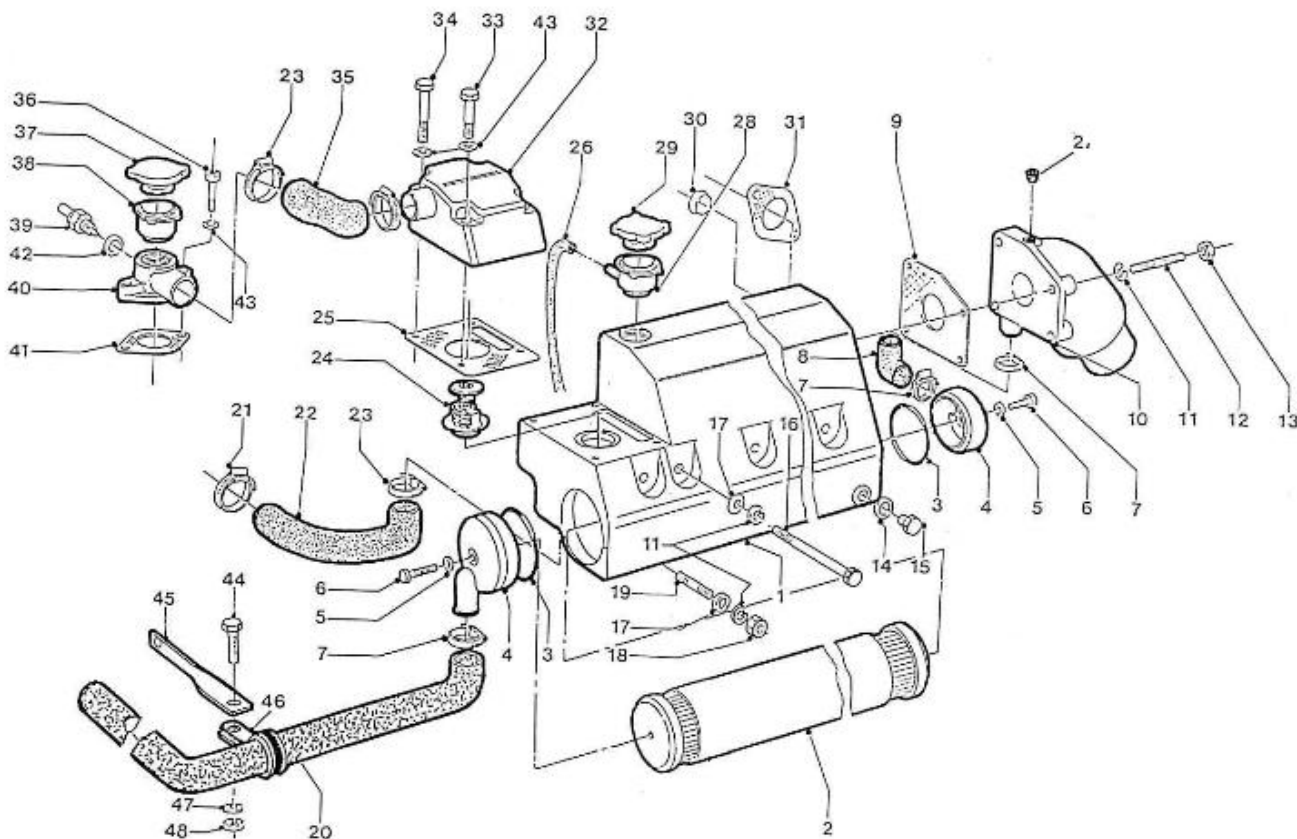
Part number	Item	Désignation article	Quantity
970302030	1	LEVER,GOVERNOR	1
970307757	2	ASSY LEVER,FORK	1
970302035	5	BOLT	1
970119149	6	WASHER, SPRING D 6	2
970302036	7	SUPPORT,FORK LEVER	1
970490520	8	BOLT	1
970302037	9	BOLT,M 8X 32	2
970491323	10	BOLT,M 6X 28	1
970301933	11	WASHER,PLAIN D 8	2
970141326	12	WASHER, PLAIN D6	1
970303921	13	SPRING,START	1
970307383	14	SPRING	1
970307384	15	SPRING.GOVERNOR 2	1

## 5.280HE STANDARD ENGINE / FRESH WATER PUMP



Part number	Item	Désignation article	Quantity
970302110	1	PUMP,F/WATER CPL.4.190	1
970302109	2	BEARING,SHAFT W/PUMP	1
970302111	3	IMPELLER,F/WATER PUMP 4.190	1
970302112	4	SEAL,MECHANICAL F/W.PUMP	1
970302113	5	FLANGE,F/WATER PUMP	1
970302117	6	GASKET,WATER PUMP 4.190	1
970301986	7	BOLT,M 8X 28	2
970302118	8	STUD	2
970490904	9	WASHER,SPRING D 8	2
970490903	10	NUT,M 8	2
970490119	11	BOLT,M 6X 18	8
970307771	12	PULLEY,FAN	1

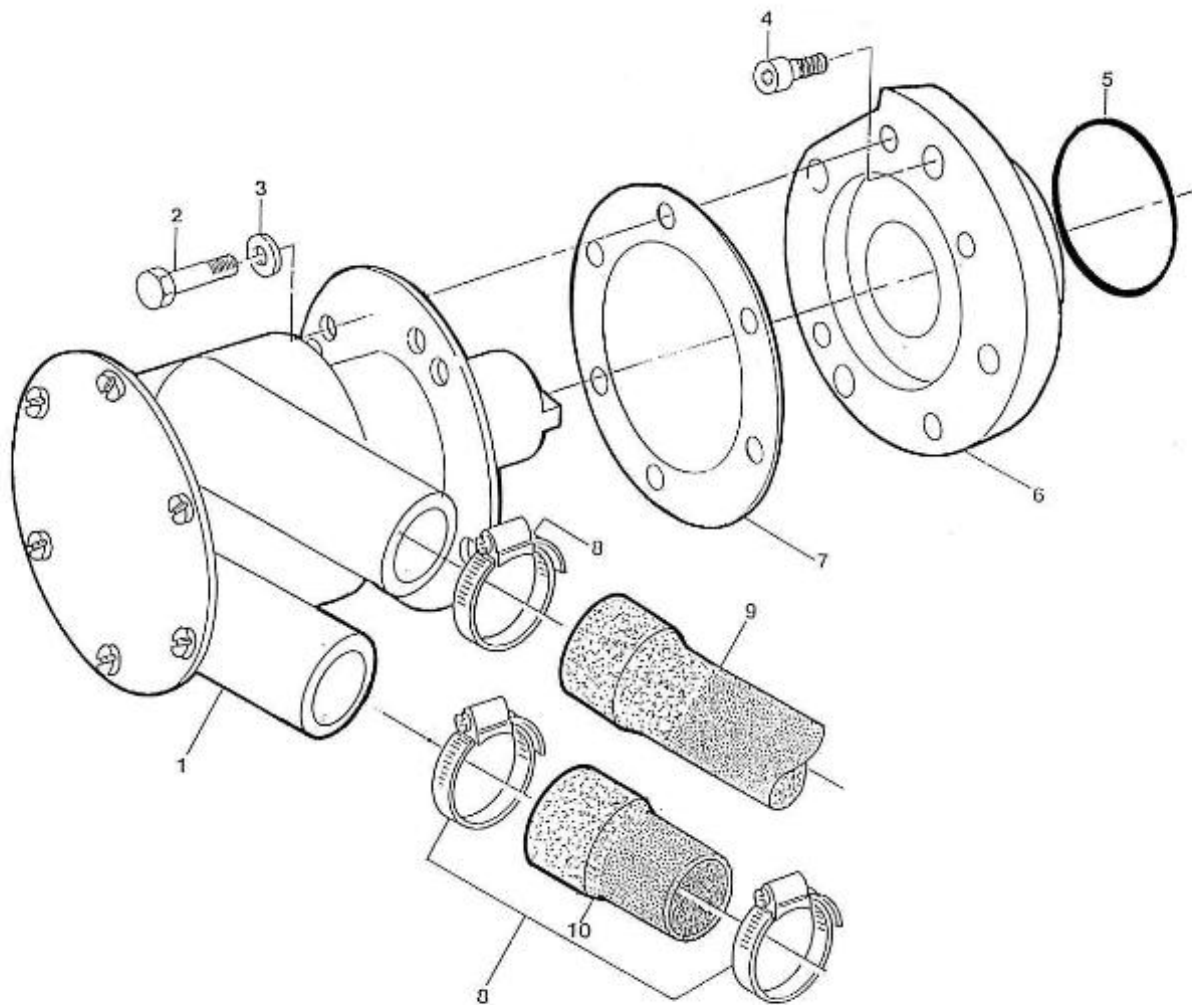
## 5.280HE STANDARD ENGINE / HEAT EXCHANGER



Part number	Item	Désignation article	Quantity
970307951	1	HOUSING,HEATEXCHANGER	1
970307503	2	TUBE,STACK	1
KSAV02	3	HEAT EXCHANGER GASKET KIT	1
970307714	4	COVER	2
970300288	5	GASKET,M8	2
970301263	6	BOLT,M 8X 45 -A2-	2
970604526	7	CLAMP,HOSE 22-32	4
970301713	8	HOSE,ELBOW COVER HEATEX.4.190	1
970301710	9	GASKET,MIXER 4.190	1
970301706APR	10	MIXER	1
970119138	11	WASHER,SPRING D 8	12
970300080	12	STUD,M 8X 25	4
970027322	13	NUT,M 8	4
970300306	14	GASKET,RING D14	1
970875506	15	PLUG	1
970301703	16	BOLT,HEX M 8X160	5
970027323	17	WASHER,PLAIN D 8	10
970027322	18	NUT,M 8	5
970300374	19	STUD,M 8X 30	5
970307424	20	HOSE	1
970604533	21	CLAMP,HOSE 32-44	1
970301718	22	HOSE,WATER RETURN D32-34	1
970300922	23	CLAMP,HOSE 26-38	3
970307282	24	THERMOSTAT	1

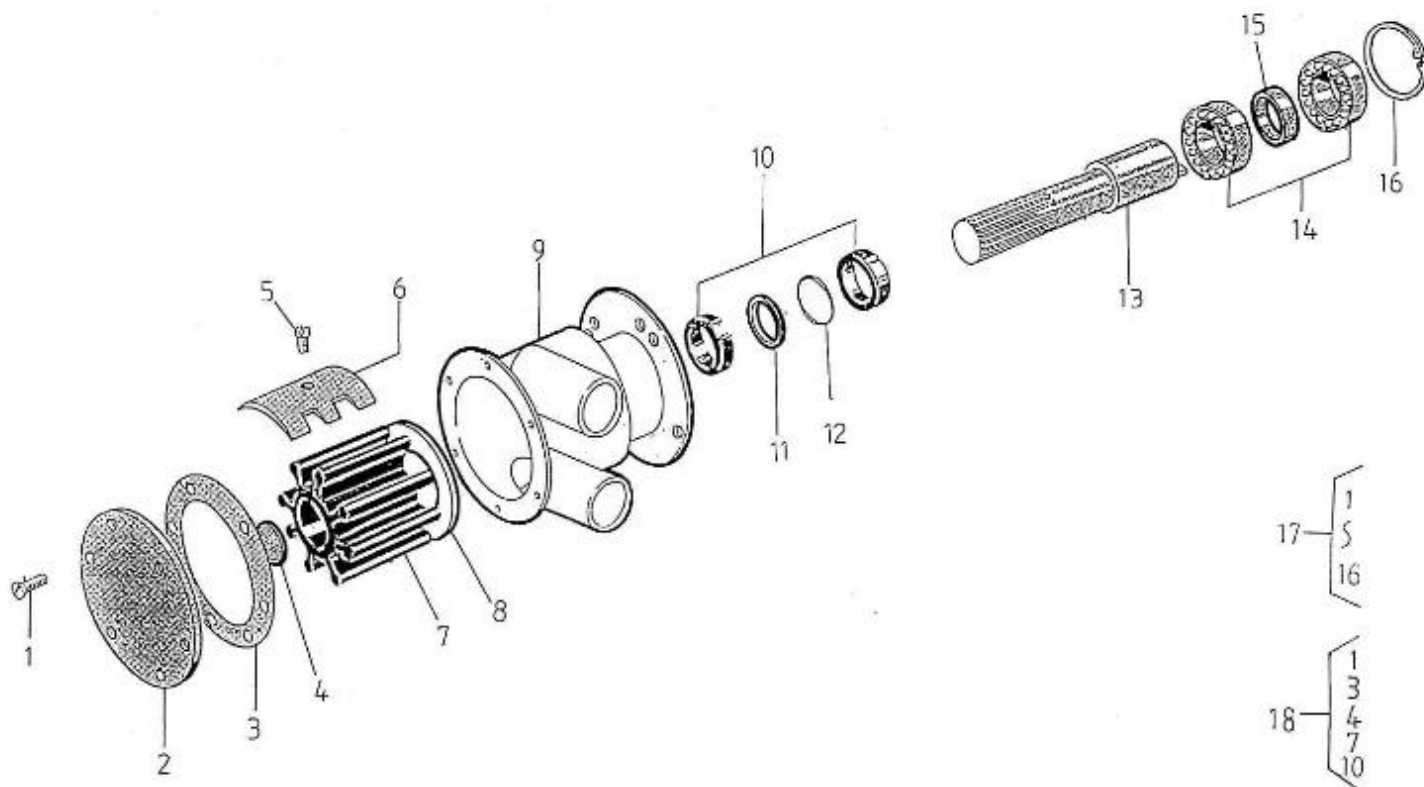
970301408	25	GASKET,THERMOSTAT COVER	1
970300077	26	HOSE,D 8 L= 450	1
970307265	27	PLUG,HEX 1/8	1
970300151	28	FILLING,NECK WATER	1
970604614	29	CAP,FILLING 0, 7 DOUBLE SEAL	1
970494517	30	CAP,FREEZE	2
970302169	31	GASKET,EXHAUST MANIFOLD 4.190-	5
970301403	32	COVER,THERMOSTAT	1
970300409	33	BOLT,HEX M 8X 55	2
970300261	34	BOLT,HEX M 8X 80	2
970301714	35	HOSE,D32 COVER THERMO.4.190	1
970635916	36	BOLT,SOCK M 8X 35	2
970604614	37	CAP,FILLING 0, 7 DOUBLE SEAL	1
970301734	38	FILLING,NECK CPL.4.190	1
970851602	39	WATER TEMPERATURE SENDER	1
970301711	40	FLANGE,WATER INTAKE 4.190	1
970301730	41	GASKET,FLANGE	1
970300306	42	GASKET,RING D14	1
970119139	43	WASHER,CORRUGATED D8	6
970439910	44	BOLT,HEX M 6X 16	1
970302233	45	SUPPORT,PIPE CLAMP	1
970304072	46	CLAMP	1
970119149	47	WASHER, SPRING D 6	1
970635460	48	NUT,M 6	1
970307950PR	50	HEATEXCHANGER	1

## 5.280HE STANDARD ENGINE / SEA WATER PUMP



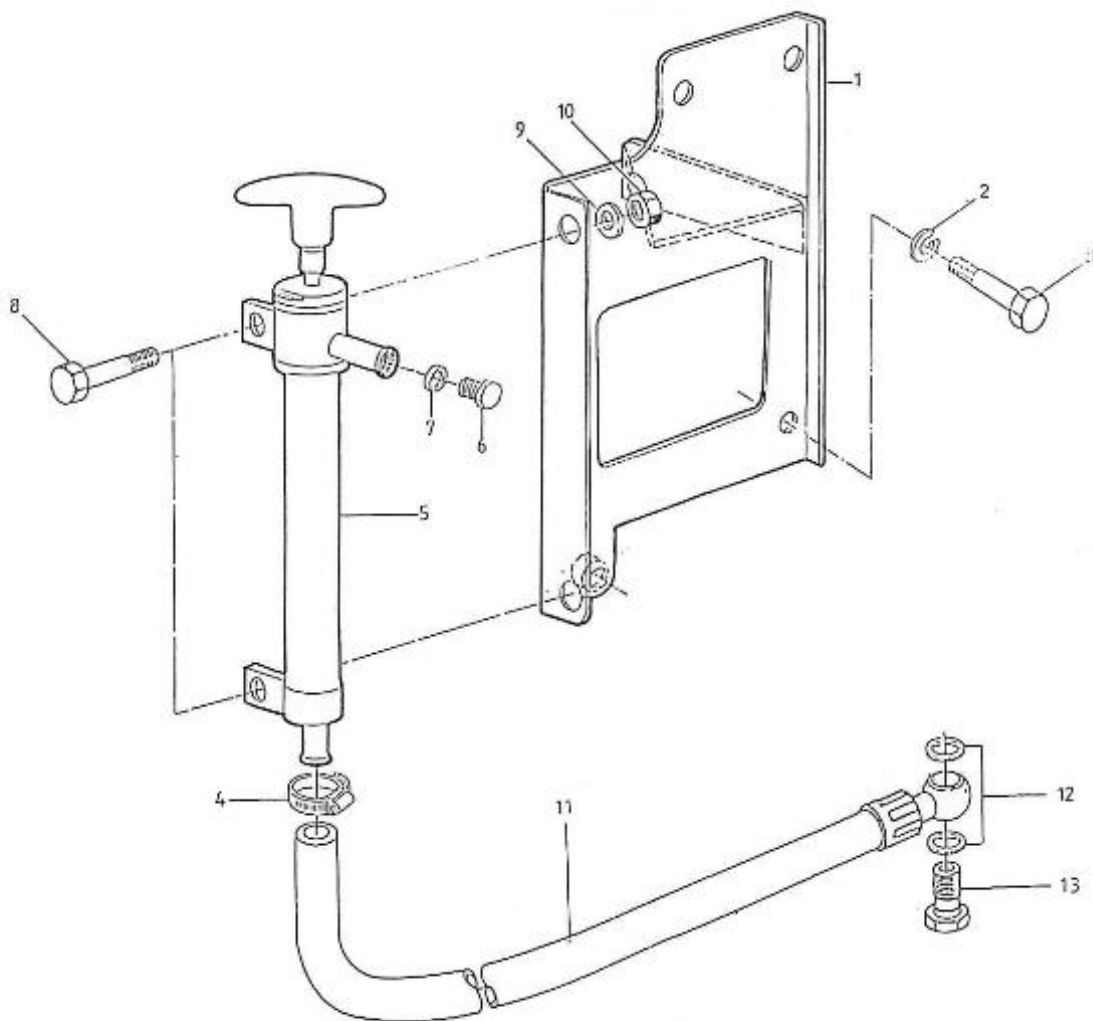
Part number	Item	Désignation article	Quantity
970307474	1	PUMP,WATER	1
970644006	2	BOLT,HEX M 6X 20	4
970609602	3	WASHER,CORRUGATED D 6	4
970164026	4	BOLT,SOCK M 6X 16	4
970154025	5	O-RING,28,17X3,53	1
970302649	6	FLANGE,WATER PUMP 6.280HE	1
970302683	7	GASKET,WATER PUMP	1
970300922	8	CLAMP,HOSE 26-38	3
970307424	9	HOSE	1
970307423	10	HOSE	1

## 5.280HE STANDARD ENGINE / SEA WATER PUMP - DETAILS



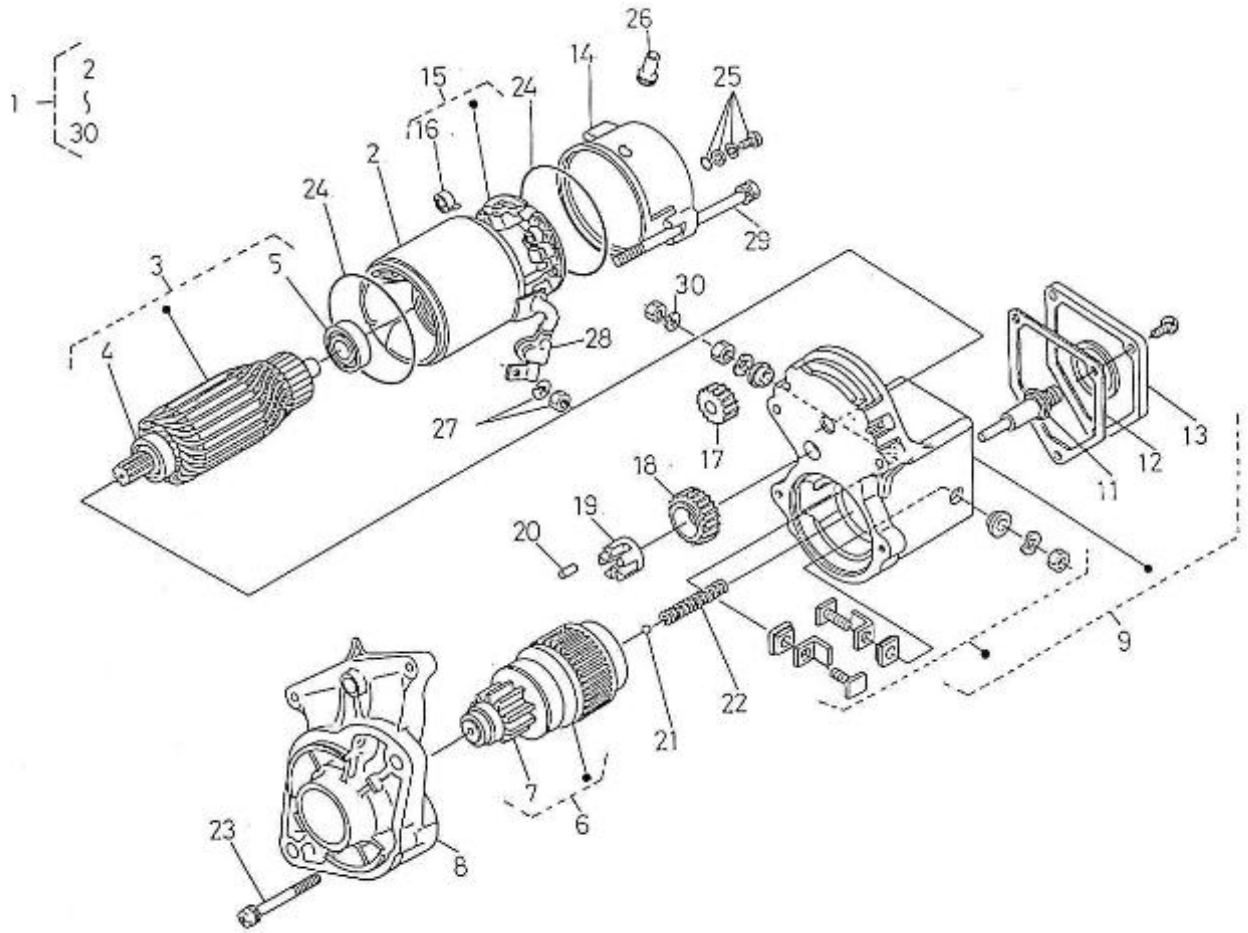
Part number	Item	Désignation article	Quantity
970307476	1	BOLT	6
970301673	2	COVER	1
970301670	3	GASKET	1
970301671	4	GASKET	1
970301676	5	SCREW,CAM WATER PUMP	1
970307485	6	CAM,WATER PUMP	1
970544310	7	IMPELLER,WATER PUMP F 7B-803	1
970301677	8	WEAR PLATE	1
970307474	9	PUMP,WATER	1
970614516	10	O-RING SEAL	2
970307478	11	SPACER	1
970307479	12	SHIELD,OIL BREATHER	1
970307484	13	PUMP SHAFT	1
970307481	14	BEARING	2
970307482	15	SPACER	1
970307483	16	CIR-CLIP	1
970307474	17	PUMP,WATER	1
970307475	18	REPAIR KIT	1

## 5.280HE STANDARD ENGINE / OIL DRAIN PUMP



Part number	Item	Désignation article	Quantity
970302677	1	SUPP,FUELFILTER-OILEXTR.4.190,	1
970119138	2	WASHER,SPRING D 8	3
970301280	3	BOLT,HEX M 8X 90	2
970439306	4	CLAMP	2
970439302	5	PUMP,OIL EXTRACTION	1
970832061	6	BOLT	1
970300288	7	GASKET,M8	1
970439910	8	BOLT,HEX M 6X 16	2
970119149	9	WASHER, SPRING D 6	2
970635460	10	NUT,M 6	2
970307751	11	HOSE	1
970307967	11	DRAIN OIL PIPE	1
970300306	12	GASKET,RING D14	1
970310027	12	CONNECTION	1
970300199	13	GASKET,RING D16	1
970432515	13	BOLT,BANJO M14X1,5	1

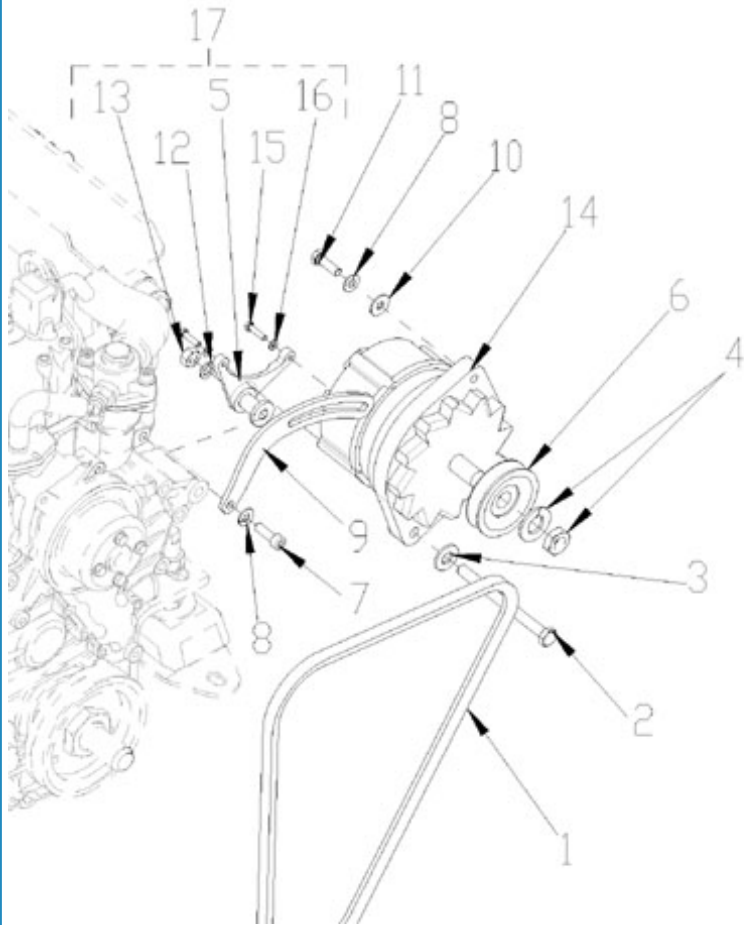
## 5.280HE STANDARD ENGINE / STATOR - DETAILS





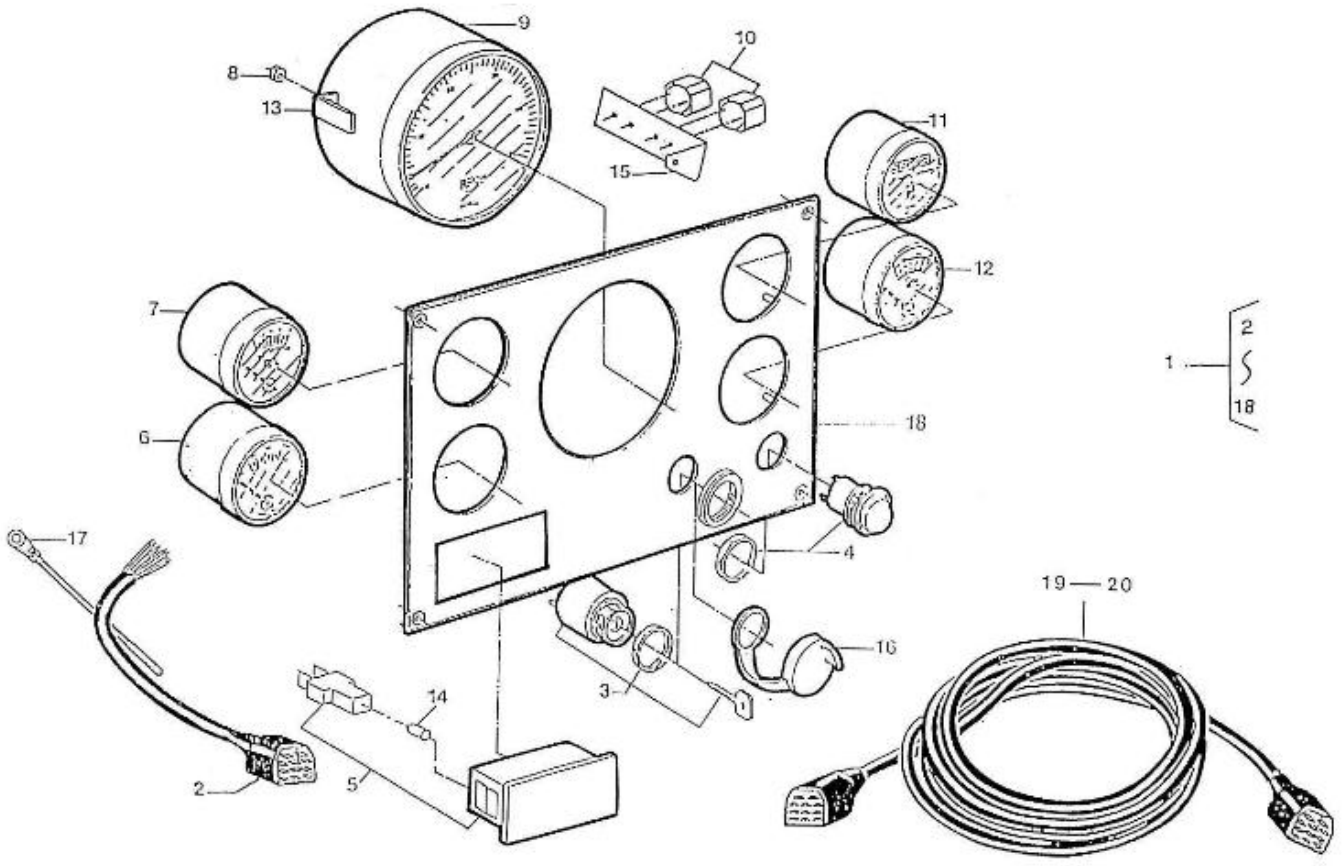
Part number	Item	Désignation article	Quantity
970302070	1	STARTER,MOTOR 12V 0,8KW	1
970303987	3	ROTOR,STARTER 6.280	1
970303988	4	GASKET,RING	1
970307787	5	BEARING,BALL(RADIAL)	1
970303994	6	PINION,SWITCH	1
970303994	7	PINION,SWITCH	1
970303991	9	HOLDER,MAGNETIC SWITCH	1
970307789	10	PLUNGER	1
970307790	11	GASKET	1
970307791	12	COVER	1
970307792	13	FRAME,END	1
970303989	14	HOLDER,BRUSH	1
970517318	15	SPRING,BRUSH	4
970303992	16	GEAR,1	1
970517313	17	GEAR,2 STARTER MOTOR 4.110	1
970517315	18	BUSHING,PLASTIC (STARTER MOTOR	1
970517314	19	ROLLER,STARTER MOTOR 4.110	5
970517316	20	BHEARING,BALL STARTER MOTOR	1
970517319	21	SPRING,STARTER MOTOR 4.110	1
970303997	22	SCREW	2
970303990	23	GASKET	1
970307793	24	ASSY BOLT	2
970307794	25	COVER	1
970517324	26	NUT,STATER 4.110	1
970303965	27	COVER,CORD	1
970303996	28	BOLT	2
970490904	29	WASHER,SPRING D 8	1

5.280HE STANDARD ENGINE / ALTERNATOR



Part number	Item	Désignation article	Quantity
970307438	1	SUPPORT,ALTERNATOR	1
48108133	1	V-BELT	1
970307531	2	BOLT	1
39160668	2	BOLT	1
970119135	3	WASHER,PLAIN D10	1
970039794	3	WASHER	1
970307532	4	NUT	1
970307522	5	ALTERNATOR,14V-60A	1
48201173	5	ALTERNATOR BRACKET	1
970307521	6	PULLEY	1
95312305	6	PULLEY	1
970307533	7	REGULATOR,ALTERNATOR	1
970300193	7	BOLT,HEX M 8X 70	1
970119138	8	WASHER,SPRING D 8	2
970301448	8	V-BELT,SPA 1120 LW	1
95203077	9	TIGHTENER	1
970307437	9	TIGHTENER,V-BELT	1
970304050	10	WASHER	1
970409603	11	BOLT,HEX M 8X 25	1
970024016	11	BOLT,HEX M 8X 40	1
970119138	12	WASHER,SPRING D 8	2
970119136	12	WASHER,SPRING D10	1
970027322	13	NUT,M 8	2
970119143	13	NUT, M10	1
48201303	14	ALTERNATOR 12V-120A	0
970607384	14	BOLT,HEX M 8X 110	1
39160109	15	BOLT	2
970307750	15	SPACER	1
970300318	16	WASHER,SPRING D 5	2

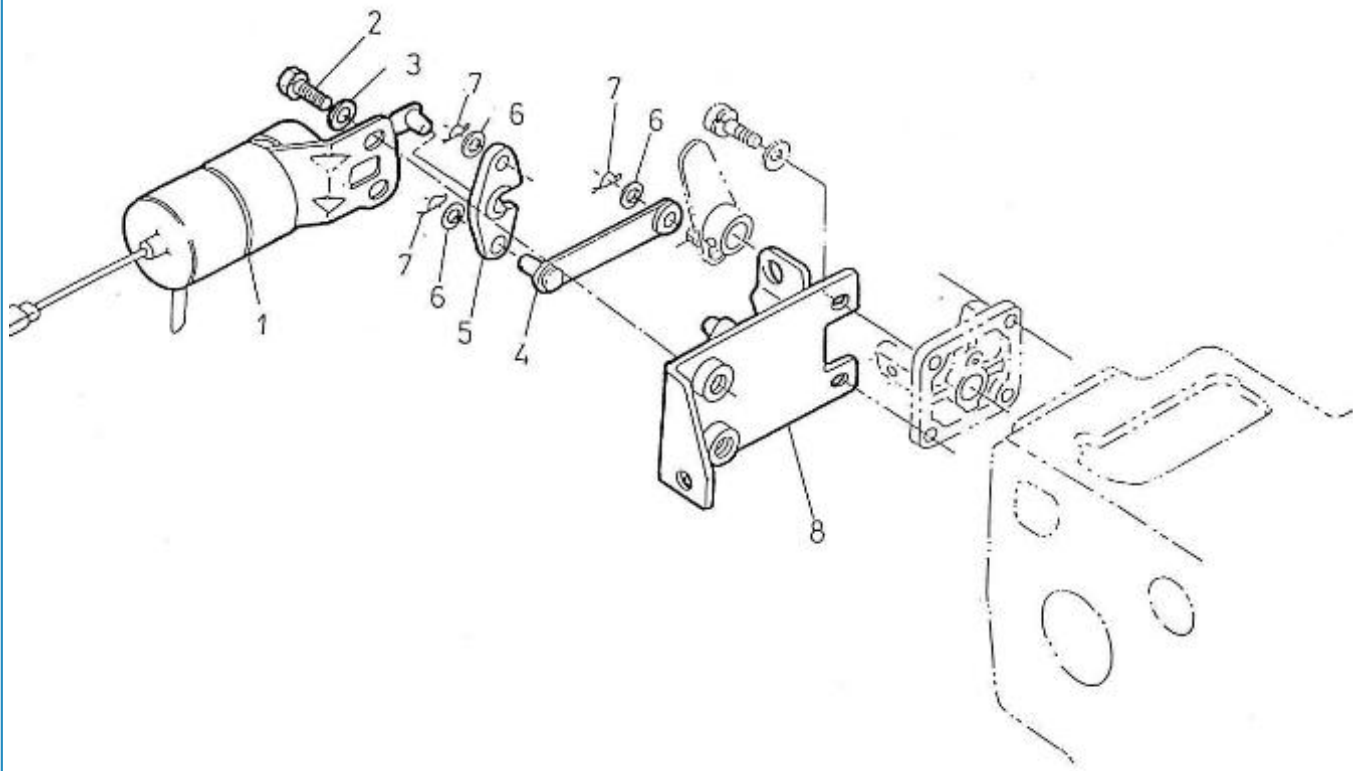
## 5.280HE STANDARD ENGINE / INSTRUMENT PANELS



PANEL "C" (Optional equipment)

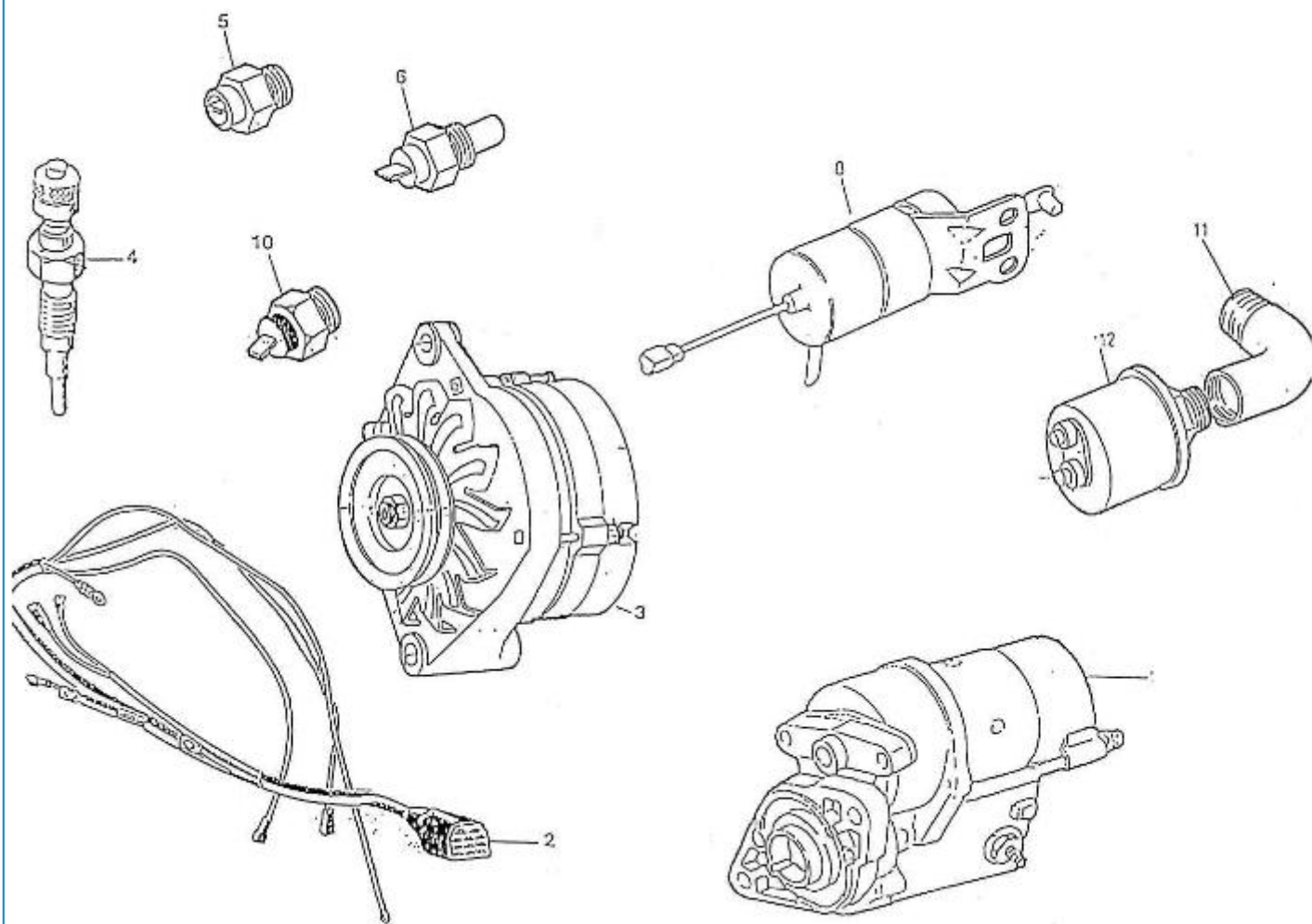
Part number	Item	Désignation article	Quantity
970301662	2	GAUGE,VDO,TEMP/VOLT 40-120,8-1	1
970304004	2	ENS. CABLAGE TABLEAU 5 INSTR	1
970302667	3	SWITCH,BOSCH STARTER + GLOWING	1
970300967	4	BUTTON,PUSH	1
970300920	4	CLAMP,INSTRUMENTS	8
970856005	5	INDICATORI OTTICI A 4 SPIE	1
970301191	5	NUT,M 4 A2	8
970850603	6	THERM.V. 120C 12V D52	1
970302684	6	BUZZER,SONITRON SMA 24A P17.05	2
970850705	7	OIL PRESSURE GAUGE 5B	1
970856011	8	BULB 12V-2W	2
970301191	8	NUT,M 4 A2	12
970302667	9	SWITCH,BOSCH STARTER + GLOWING	1
970300967	10	BUTTON,PUSH	1
970302684	10	BUZZER,SONITRON SMA 24A P17.05	2
970856005	11	INDICATORI OTTICI A 4 SPIE	1
970850801	12	VOLTMETER	1
970856011	12	BULB 12V-2W	4
970300920	13	CLAMP,INSTRUMENTS	12
970302663	13	WIRING,PANEL 2 INSTR. ADDITION	1
970304021	14	COVER	1
970856011	14	BULB 12V-2W	9
970304019	15	CABLEBINDER,PLASTIC 4.8X195	1
970304021	16	COVER	1
970302669	16	PLATE,PANEL 2 INSTR W/SW GLOW/	1
970302665	17	WIRING,INTERMEDIATE 4MTR 11POS	1
970304019	17	CABLEBINDER,PLASTIC 4.8X195	1
970302666	18	WIRING,INTERMEDIATE 8MTR 11POS	1
970302665	19	WIRING,INTERMEDIATE 4MTR 11POS	1
970302666	20	WIRING,INTERMEDIATE 8MTR 11POS	1

## 5.280HE STANDARD ENGINE / ELECTRICAL STOP



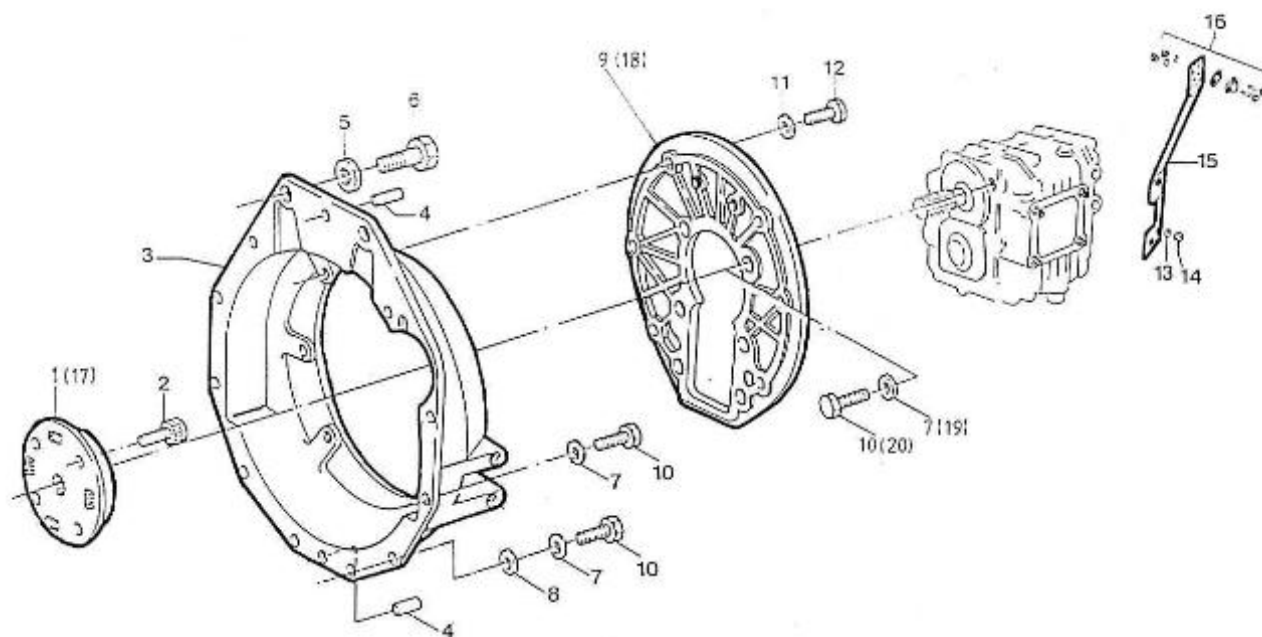
Part number	Item	Désignation article	Quantity
970307362	1	SOLENOID,STOP	1
970490919	2	BOLT,M 8X 16	2
970301933	3	WASHER,PLAIN D 8	2
970307363	4	LEVER,STOP(1)	1
970307364	5	LEVER,STOP(2)	1
970141326	6	WASHER, PLAIN D6	3
970307365	7	PIN,SNAP	3
970307366	8	SUPPORT,SOLENOID	1

## 5.280HE STANDARD ENGINE / ELECTRICAL EQUIPMENTS



Part number	Item	Désignation article	Quantity
970302070	1	STARTER,MOTOR 12V 0,8KW	1
970302661E	2	WIRING	1
970307522	3	ALTERNATOR,14V-60A	1
970307393	4	GLOW PLUG	1
970304054	5	TEMPERATURE SWITCH 1/8 1P 97	1
970851602	6	WATER TEMPERATURE SENDER	1
970307362	7	SOLENOID,STOP	1
970851700	8	SWITCH,OIL	1
970493207	9	ELBOW,1/8X10X1,5MF	1
48201143	10	OIL PRESSURE SENDER	1

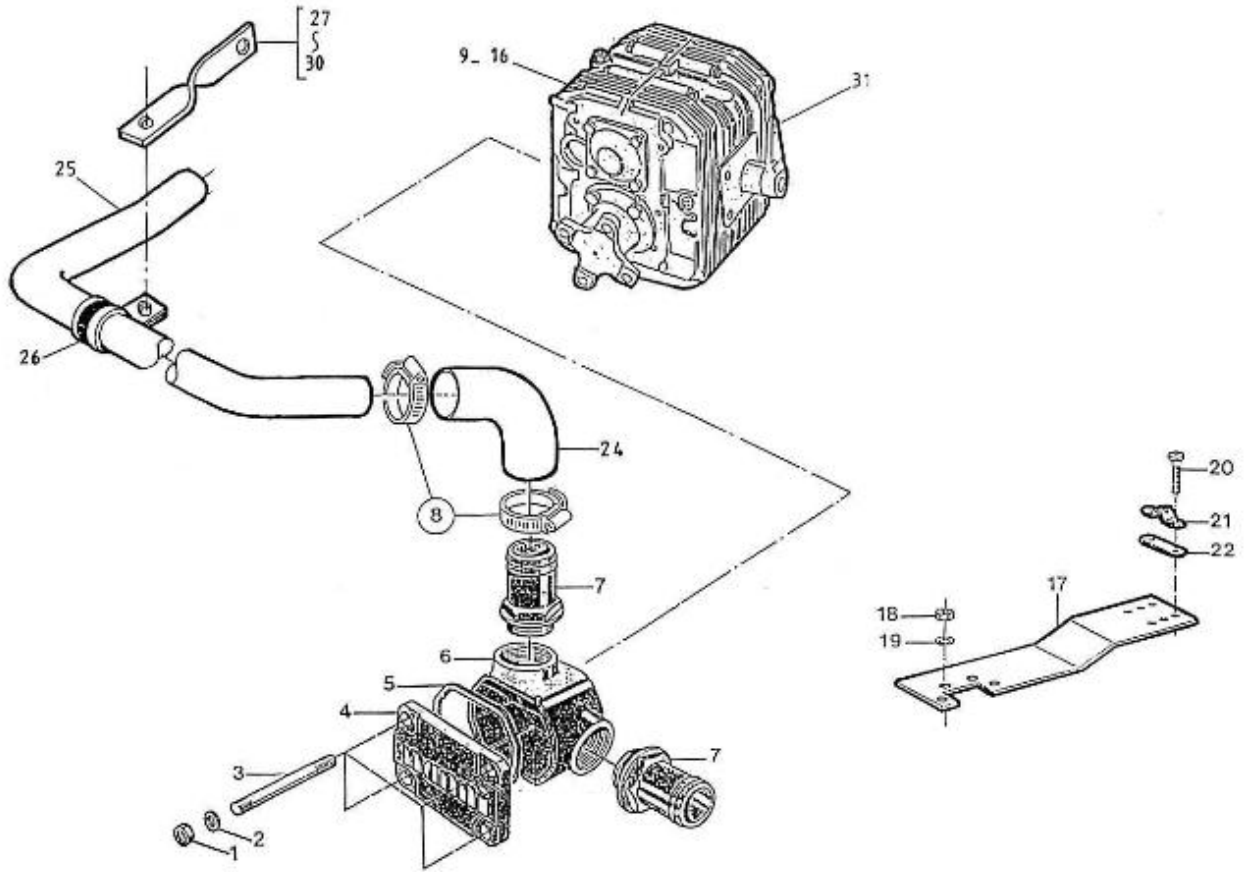
## 5.280HE STANDARD ENGINE / GEAR BOX FLANGE



Part number	Item	Désignation article	Quantity
970776350	1	DAMPERPLATE	1
970119147	2	BOLT, SOCK M 6X12	8
970301628H	3	CARTER VOLANT 4.220-5.280	0
970302149	4	PIN,CYLINDRICAL D10X 20	2
970647606	5	WASHER,CORRUGATED D12	2
970301736	6	BOLT,HEX M12X1,25X 30	2
970119139	7	WASHER,CORRUGATED D8	16
970119138	8	WASHER,SPRING D 8	2
970301709	9	PLATE,ADAPTOR HBW50-100-150	1
970119141	10	BOLT,HEX M8X 20	16
970119137	11	WASHER,CORRUGATED D10	6
970635508	12	BOLT,HEX M10X 25	6
970119139	13	WASHER,CORRUGATED D8	2
970027322	14	NUT,M 8	2
970300373	15	SUPPORT,CONTROL HBW	1
970835020	16	CLAMP	1
970776650	17	DAMPERPLATE	1
970302342	18	PLATE,ADAPTOR -HBW250-	1
970119137	19	WASHER,CORRUGATED D10	6
970635508	20	BOLT,HEX M10X 25	6

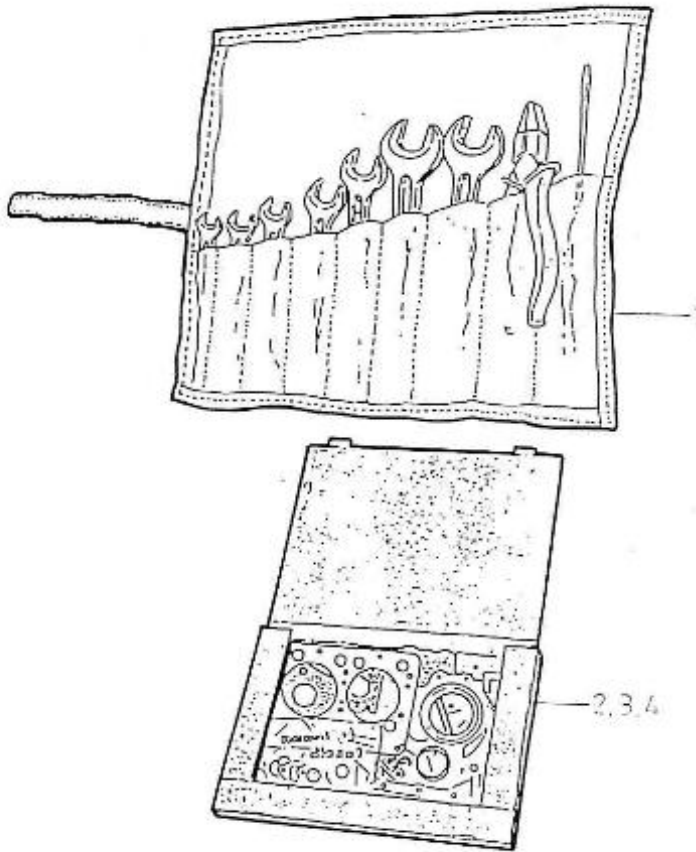


# 5.280HE STANDARD ENGINE / GEAR BOX



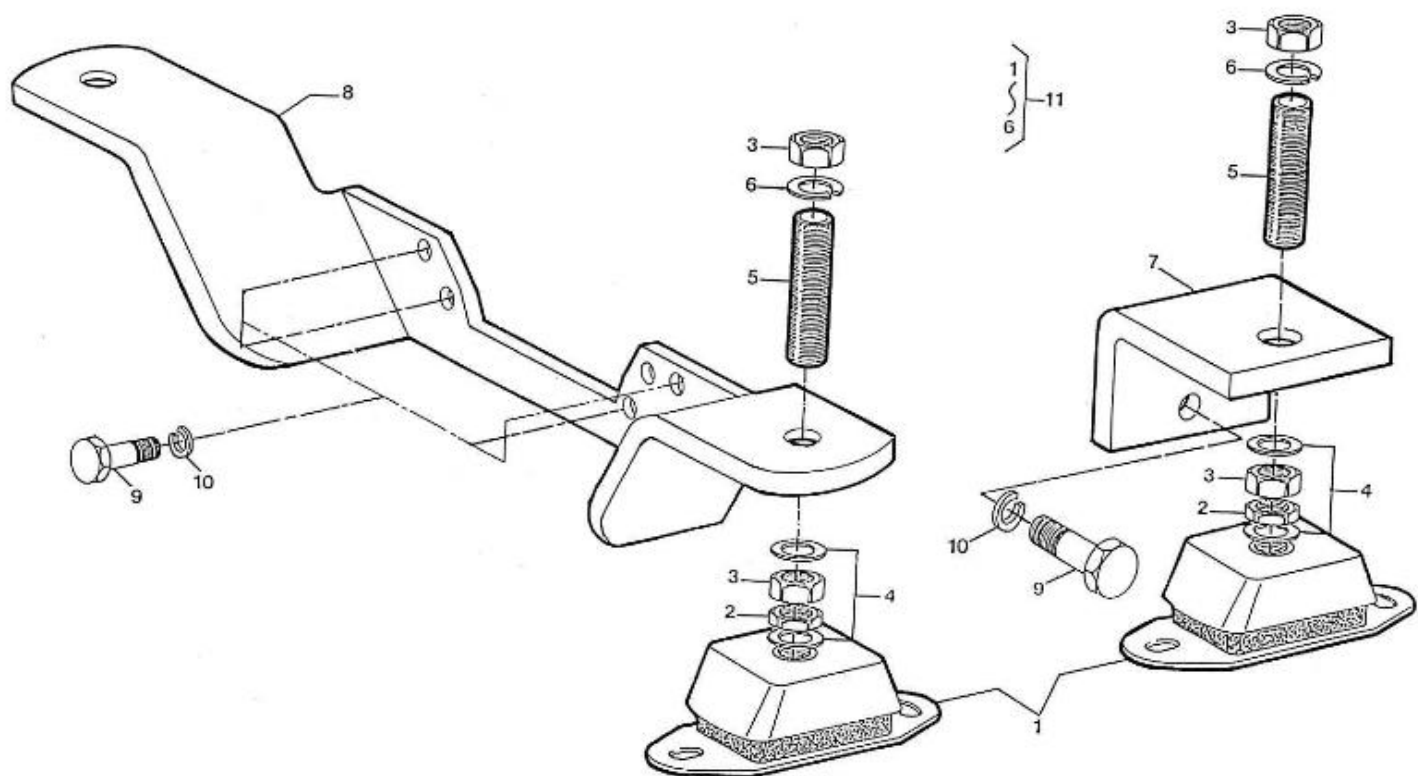
Part number	Item	Désignation article	Quantity
970027322	1	NUT,M 8	4
970119139	2	WASHER,CORRUGATED D8	4
970304053	3	STUD	4
970632006	4	COVER,OIL COOLER HBW250	1
970632002	5	GASKET,OIL COOLER HBW250	1
970574550	6	HOUSING,OIL COOLER 4.240-5.300	1
970892303	7	SOCKET,HOSE	2
970300922	8	CLAMP,HOSE 26-38	2
970777110	9	GEARBOX ZF25 M 1.88R	1
970777115	10	GEARBOX ZF25 M 2.74	1
970776343	11	ZF15 MA 1.88R	1
970776342	12	GEAR BOX ZF15 MA 2.63	1
970300373	13	SUPPORT,CONTROL HBW	1
970027322	14	NUT,M 8	2
970119139	15	WASHER,CORRUGATED D8	2
970300317	16	BOLT,HEX M 5X 16	2
QCC33010TF	17	THREADING COLLAR JACKET 33C	1
QCC33014TF	18	COUNTER PLATE 33/43C	1
970835020	19	CLAMP	1
970302630	20	HOSE	1
970307509	21	PIPE	1
970304071	22	CLAMP	1
970439910	23	BOLT,HEX M 6X 16	1
970635460	24	NUT,M 6	1
970302233	25	SUPPORT,PIPE CLAMP	1
970119149	26	WASHER, SPRING D 6	1
970830123	27	STRAP	1

## 5.280HE STANDARD ENGINE / TOOLS - GASKETS KIT



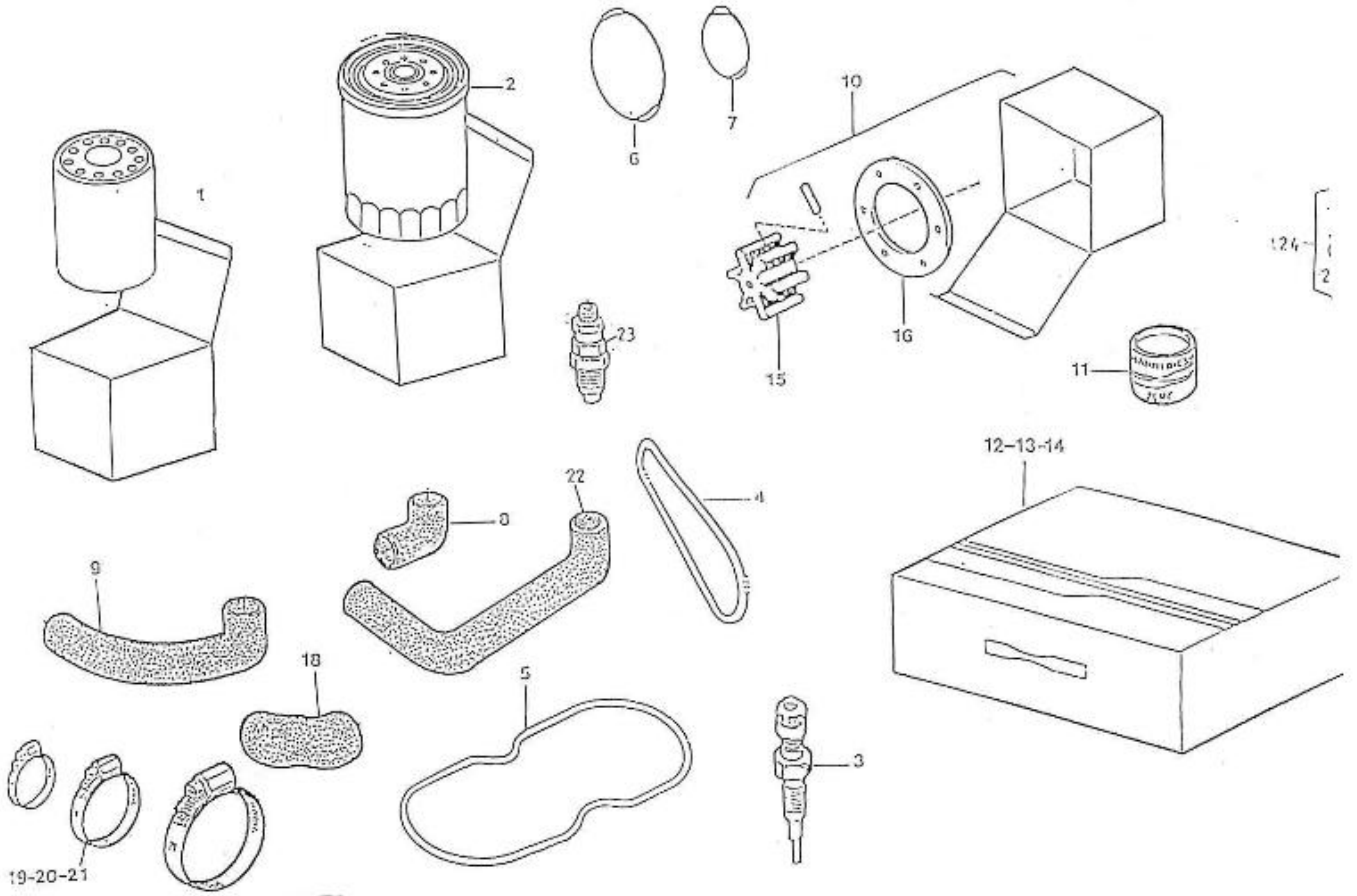
Part number	Item	Désignation article	Quantity
970609901	1	KIT,TOOLS	1
970307777	2	GASKET SET	1
970307778	3	GASKET SET	1
970302130	4	SET,GASKET MARINE 4.190	1

## 5.280HE STANDARD ENGINE / SUPPORT AND MOUNTING



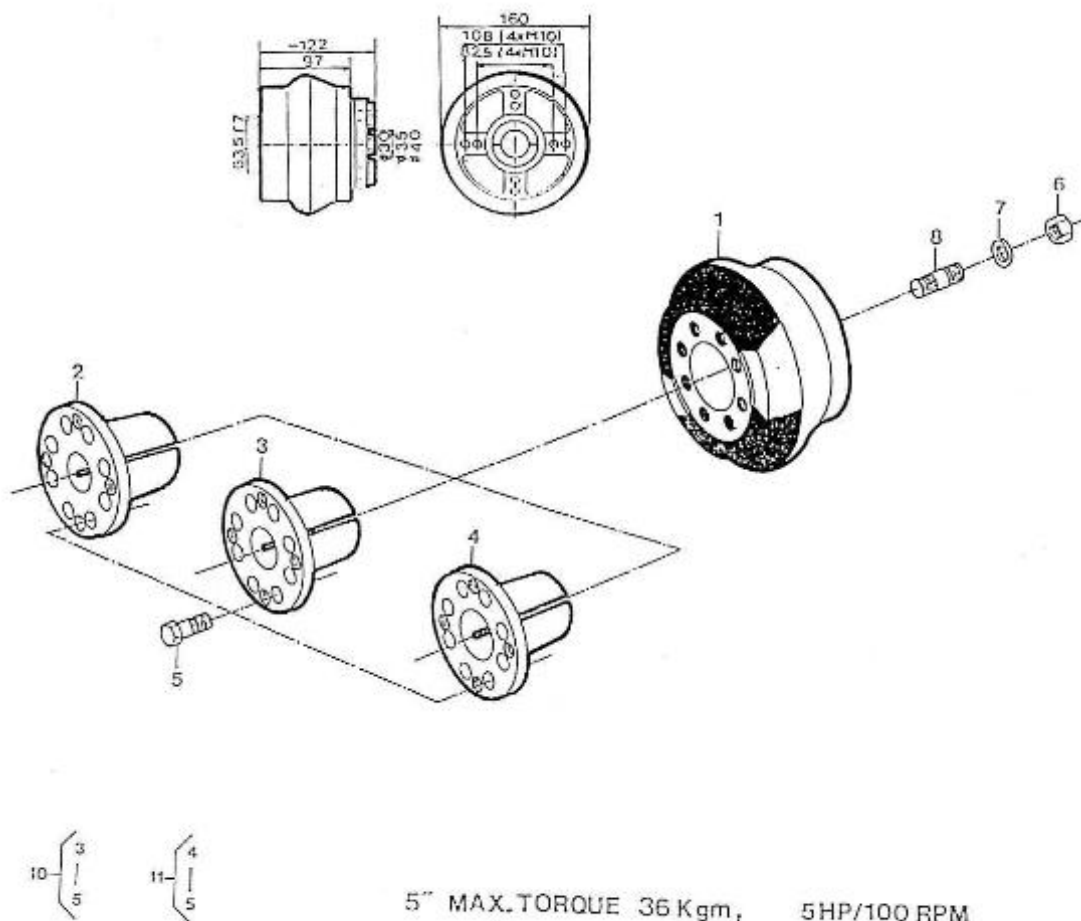
Part number	Item	Désignation article	Quantity
48190025	1	RUBBER MOUNT MEDIUM 55SH M16	4
970639203	2	NUT,M16 LOW	4
970896520	3	NUT	8
970649108	4	WASHER,PLAIN D16	8
970609116	5	STUD,M16X100	4
970649109	6	WASHER,SPRING D16	4
970302551	7	SUPPORT,MOUNT REAR 6.280/4.190	2
970302659	8	SUPPORT,MOUNT FRONT 6.280	1
970304013	9	BOLT,HEX M10X1.25X 35	8
970119136	10	WASHER,SPRING D10	8
48190025	11	RUBBER MOUNT MEDIUM 55SH M16	4

5.280HE STANDARD ENGINE / MAINTENANCE KIT



Part number	Item	Désignation article	Quantity
970622350	1	FILTER,FUEL	1
970603003	2	FILTER,ELEMENT OIL 4.180/90	1
970307393	3	GLOW PLUG	1
970301448	4	V-BELT,SPA 1120 LW	1
970307917	5	GASKET,HEAD COVER	1
970301719	6	O-RING,68,00X4,00	2
970154025	7	O-RING,28,17X3,53	1
970301713	8	HOSE,ELBOW COVER HEATEX.4.190	1
970301718	9	HOSE,WATER RETURN D32-34	1
970307475	10	REPAIR KIT	1
970301521	11	PAINT,NANNI BLUE 125CC	1
970310008	12	CASE	1
970301347	13	INSERT,CASE	1
970301348	14	INSERT,CASE BOTTOM	1
970544310	15	IMPELLER,WATER PUMP F 7B-803	1
970301670	16	GASKET	1
970856011	17	BULB 12V-2W	1
970301714	18	HOSE,D32 COVER THERMO.4.190	1
970604526	19	CLAMP,HOSE 22-32	2
970300922	20	CLAMP,HOSE 26-38	2
970604533	21	CLAMP,HOSE 32-44	1
970307424	22	HOSE	1
970307760	23	KIT,NOZZLE HOLDER	1

## 5.280HE STANDARD ENGINE / COUPLING



Part number	Item	Désignation article	Quantity
970301100	1	FLEXIBLE COUPLING 5 P	1
970301106	2	CONE,CLAMPING 5 D30	1
970301107	3	CONE,CLAMPING 4 D35	1
970301108	4	""CONE,CLAMPING 5"" 40""	1
970409603	5	BOLT,HEX M 8X 25	8
970119143	6	NUT, M10	4
970119136	7	WASHER,SPRING D10	4
970621020	8	STUD,M10X 22	4
970301106	9	CONE,CLAMPING 5 D30	1