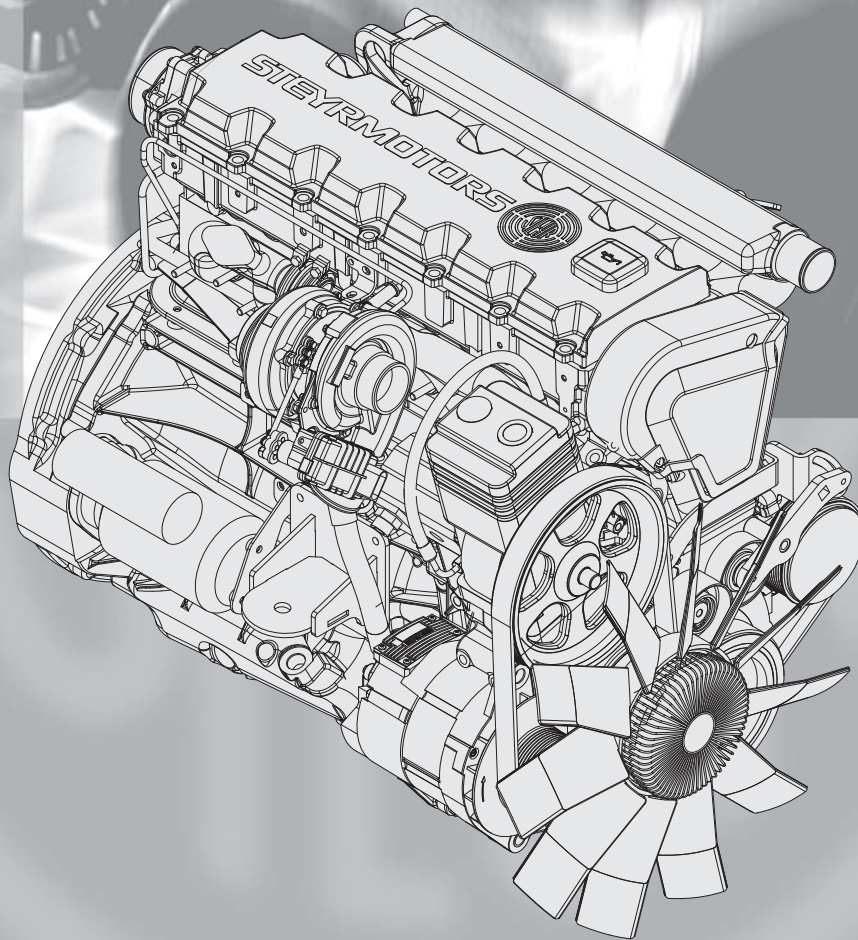




STEYR ENGINES

M160068-S



Serial no.: 668320001-->

SPARE PARTS CATALOGUE

P/N Z001119-3 1st Edition, June 2012

TEL ++43 / 7252 / 222 / 20

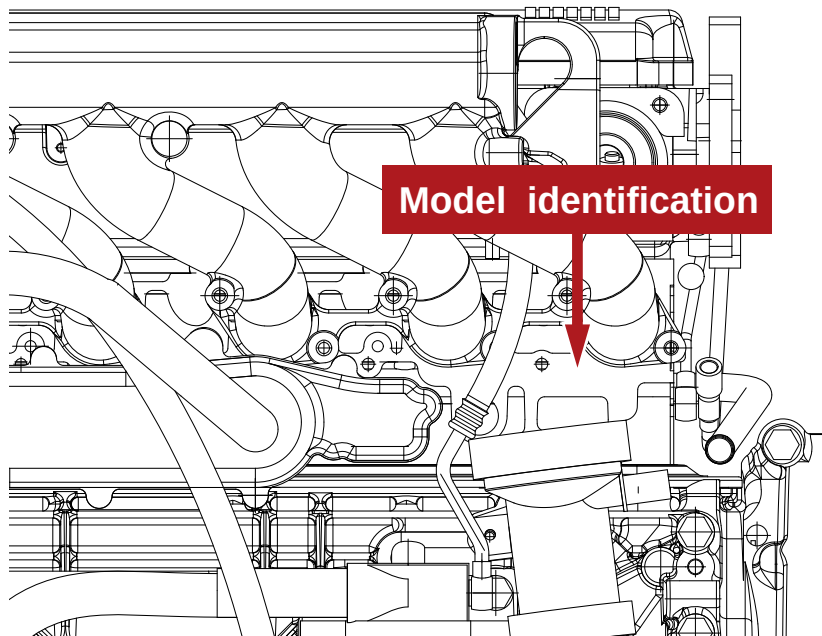
FAX ++43 / 7252 / 222 / 29

@ e.sales@steyr-motors.com



When ordering spare parts are always indicate serial engine number.
This will speed up delivery and help to avoid mistakes.

The primary model and serial number is located on the engine as illustrated. These numbers are required when requesting warranty and ordering parts.



Substituting automotive or generally supplied parts and hardware will often result in less than desired performance. For this reason, you should insist on the known quality of genuine STEYR Marine matched replacement parts, and should never use parts of unknown quality.

We reserve the right to make changes in design and execution which incorporate advances in technology!



SIGNS AND SYMBOLS

1



TA 0101

CYLINDERBLOCK

M160068-S

2

01014084-0

3	4	5	6	8	9	7
Pos.	Part.-No.	Qty	Designation			Step
24	Z002676-0	1	SPARE PART COVER T-BELT —>48226146			.2
26	2203711-1	1	COVER T-BELT, UPPER PART 48226147—>			.2
28	9000538-0	3	HEX.FLANGE BOLT EN 1665-M6x50 A2-70			.2

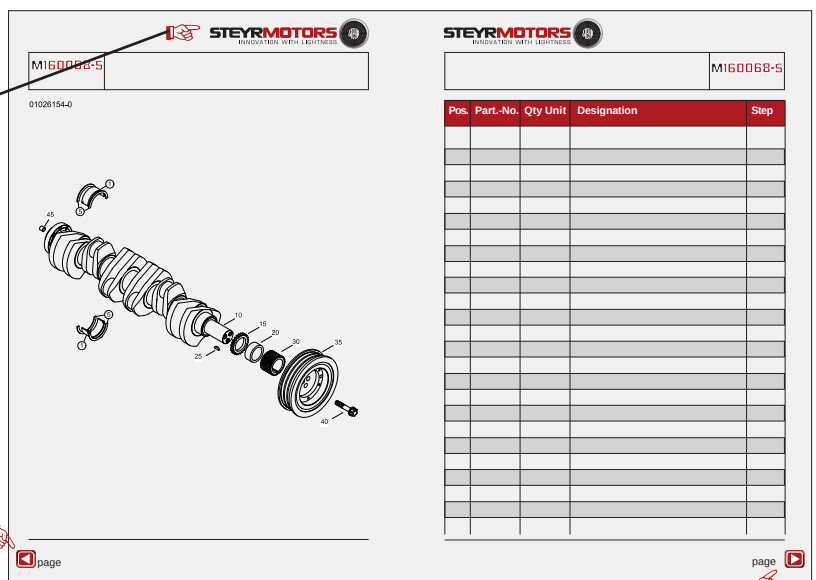
- 1 Table number
- 2 Partlist number for whole table/
functional groups
- 3 Positions number
- 4 Spare part number
- 5 Quantity for one engine respectively
assembly group
- 6 Designation and description of spare part
- 7 Groupparts are marked with a circle around the
position number. Parts in the list below these,
which had an increased step number by one, will
be included at delivery.
- 8 —> 4..... Arrow before engine number:
Spare part UNTIL and LOWER
- 9 4..... —> Arrow past engine number:
Spare part FROM and HIGHER

ACROBAT

... back to "starting point"

... one page back

... one page vorward



Z001119-3_01

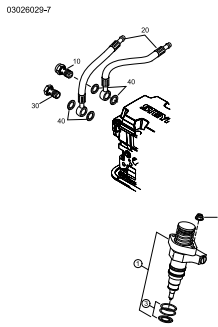
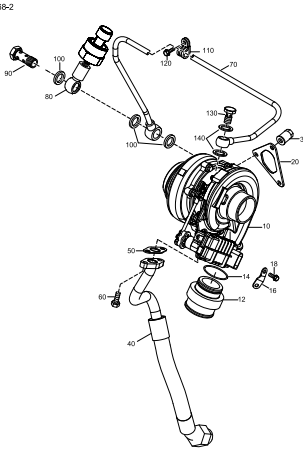
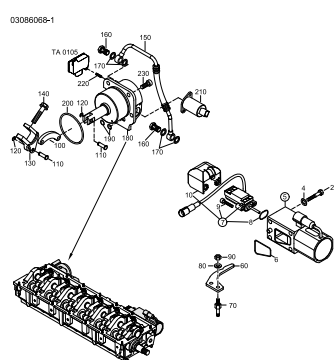
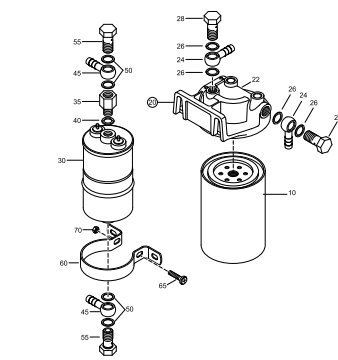
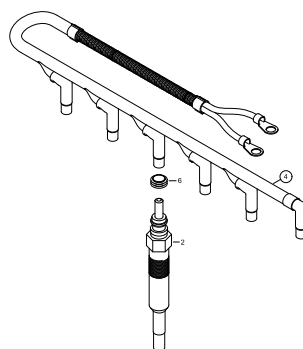
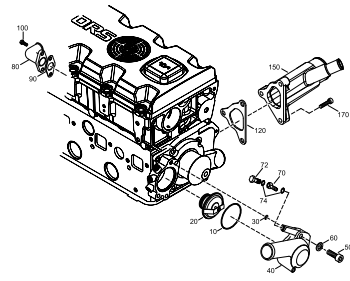
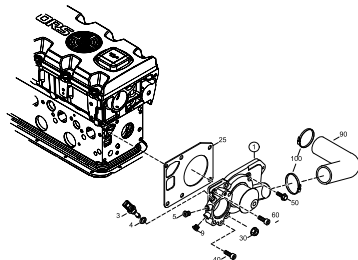
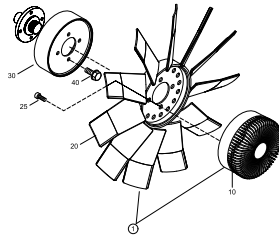
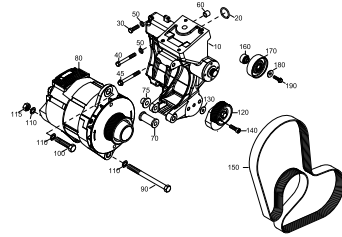
3





TABLE OF CONTENTS - SPARE PARTS CATALOGUE

M160068-5

TA 0302 Page 30 UNIT INJECTOR, PIPES  	TA 0305 Page 32 TURBOCHARGER  	TA 0308 Page 34 CONTR. SOLENOID, INJEC. TIMING DEVICE  
TA 0309 Page 36 FUEL FILTER, FUEL PUMP  	TA 0311 Page 38 GLOW PLUG  	TA 0503 Page 40 WATERPIPE, THERMOSTAT  
TA 0504 Page 42 WATERPUMP  	TA 0505 Page 44 FAN ASSY.  	TA 0601 Page 46 ALTERNATOR, BRACKET, BELT  





M160068-S

TABLE OF CONTENTS - SPARE PARTS CATALOGUE

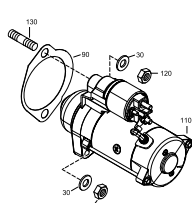
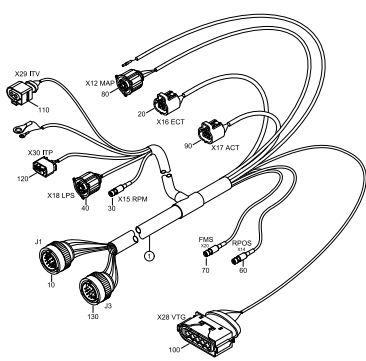
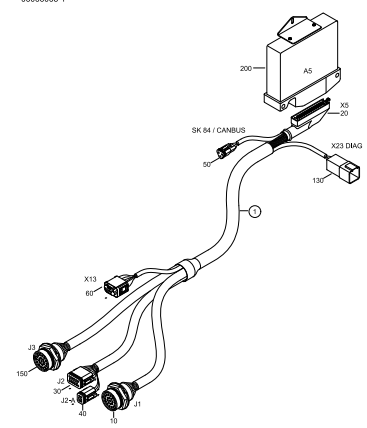
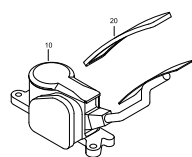
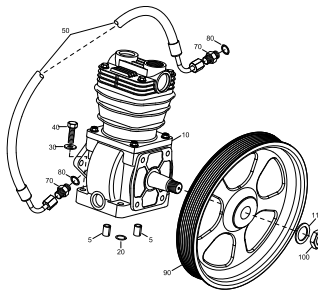
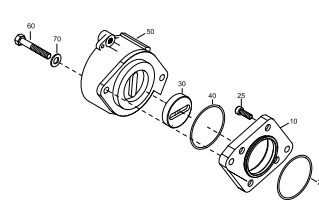
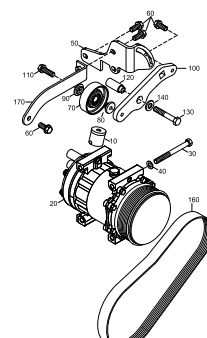
TA 0603 Page 48 STARTER	TA 0605 Page 50 ENGINE HARNESS	TA 0606 Page 52 HARNESS, ECU
 	 	 
TA 0608 Page 54 TRANSMITTER ACCELERATOR PEDAL	TA 1209 Page 56 AIR COMPRESSOR	TA 1408 Page 58 HYDRAULIC PUMP
 	 	 
TA 5200 Page 60 AIR CONDITIONING		
 		





TABLE OF CONTENTS - SPARE PARTS CATALOGUE

M160068-5

[illegible]

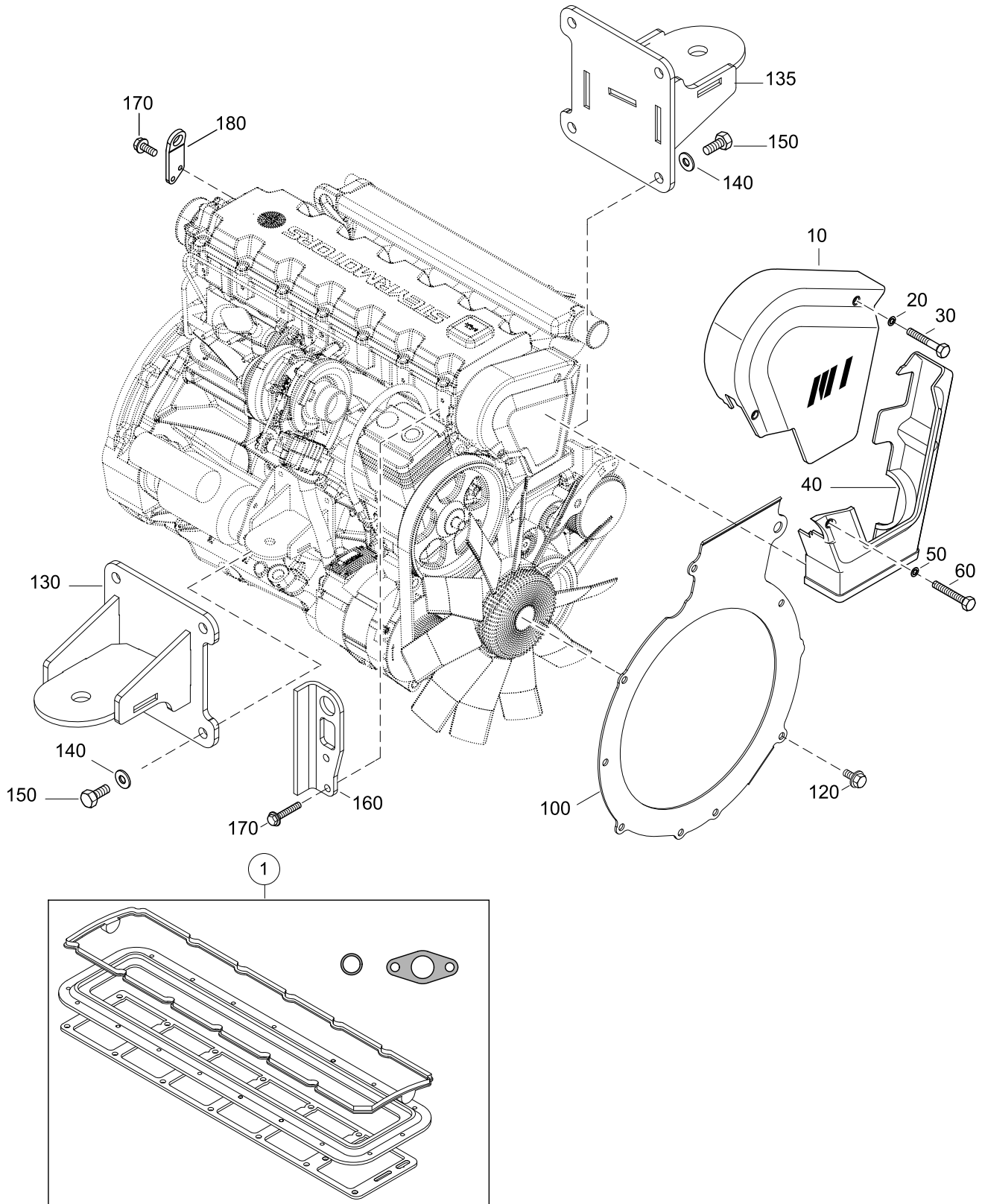


TA 0100

M160068-S

MOUNT BRACKET, LIFTING EYE, GASKET SET

01006068-2



M160068-5

01006068-2

[illegible]



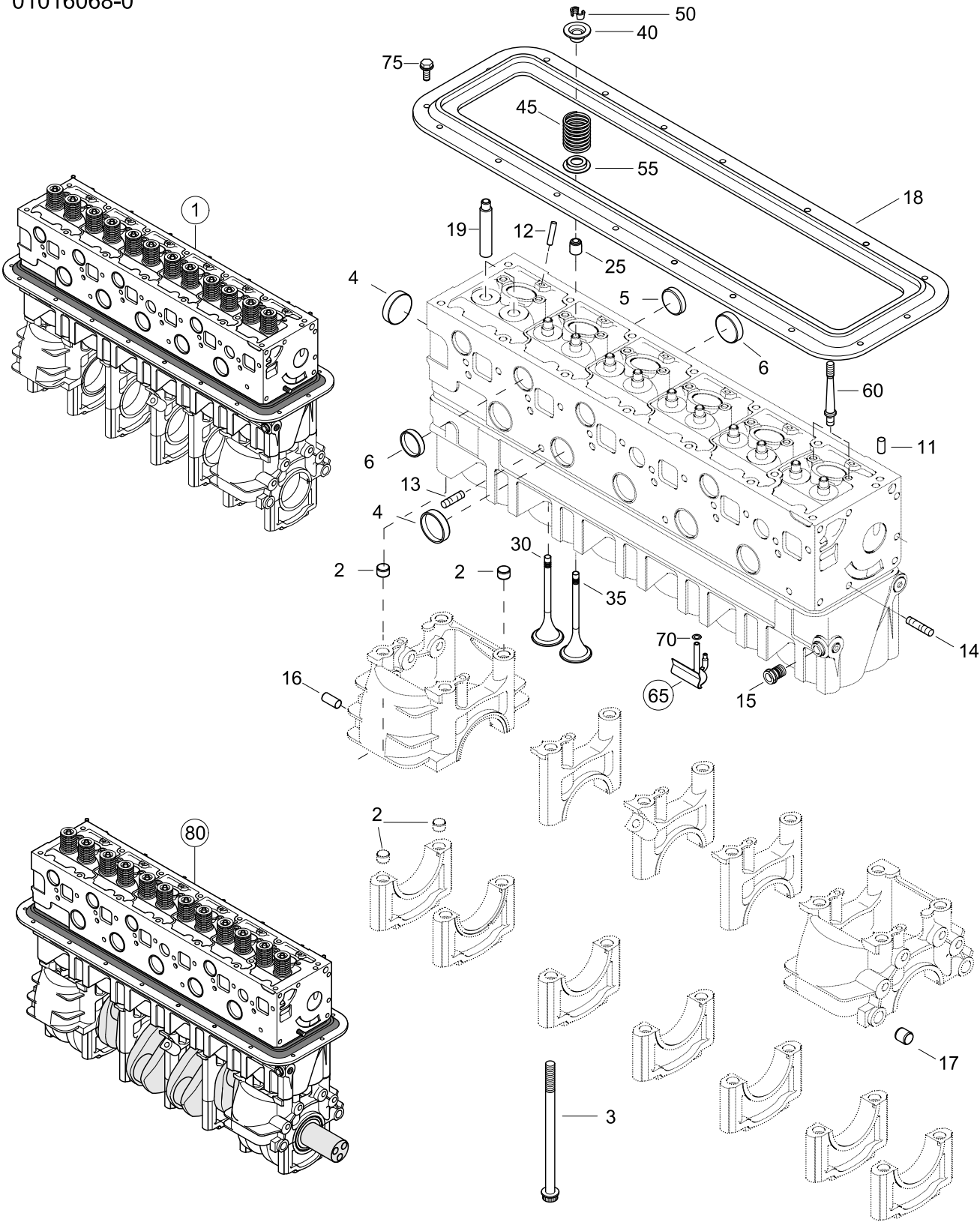
TA 0101



M160068-S

CRANKCASE

01016068-0





CRANKCASE	M160068-5
------------------	------------------

01016068-0

Pos.	Part.-No.	Qty	Designation	Step
1	MZ60068-0	1	CYLINDER BLOCK ASSY. (INCL. VALVES)	.2
2	2172799-0	24	FITTING SLEEVE DM14.5 (TOM12)	..3
3	2174329-0	14	BOLT, MAIN BEARING	..3
4	2170309-0	6	CORE HOLE PLUG 40/8	..3
5	2172676-0	4	CORE HOLE PLUG 35/8	..3
6	2172170-0	5	CORE HOLE PLUG 28/7	..3
11	3901416-0	2	PARALLEL PIN ISO 2338-8m6x16-ST	..3
12	3901328-0	6	PARALLEL PIN ISO 2338-6m6x30-ST	..3
13	9000327-0	3	STUD DIN 939-M6x20-8.8-A2C	..3
14	3812435-0	1	STUD DIN 938-M8x35-8.8-A3C	..3
15	2178525-1	1	COOLING OIL VALVE ASSY.	..3
16	3901509-0	2	PARALLEL PIN ISO 2338-10m6x20-ST	..3
17	2170298-0	2	FITTING SLEEVE DM12.5 (TOM10)	..3
18	2205379-0	1	FRAME SEAL WITH SUPPORT	..3
19	2172133-N	12	VALVE GUIDE	..3
25	2172096-1	12	VALVE STEM SEAL	..3
30	2177577-1	6	EXHAUST VALVE	..3
35	2177576-1	6	INTAKE VALVE	..3
40	2177349-0	12	VALVE-SPRING RETAINER	..3
45	2172362-0	12	VALVE SPRING	..3
50	2170171-0	24	VALVE COLLET	..3
55	2177415-0	12	VALVE SPRING WASHER	..3
60	2174321-1	12	STUD UNIT INJECTOR	.2
65	2178478-0	6	SPRAYING NOZZLE ASSY.	.2
70	2173533-0	6	O-RING 5,23 x 2,62	..3
75	9000287-0	17	HEX. FLANGE BOLT EN 1665-M6x12-8.8	.2
80	MT60068-0	1	PARTIAL ENGINE	.2



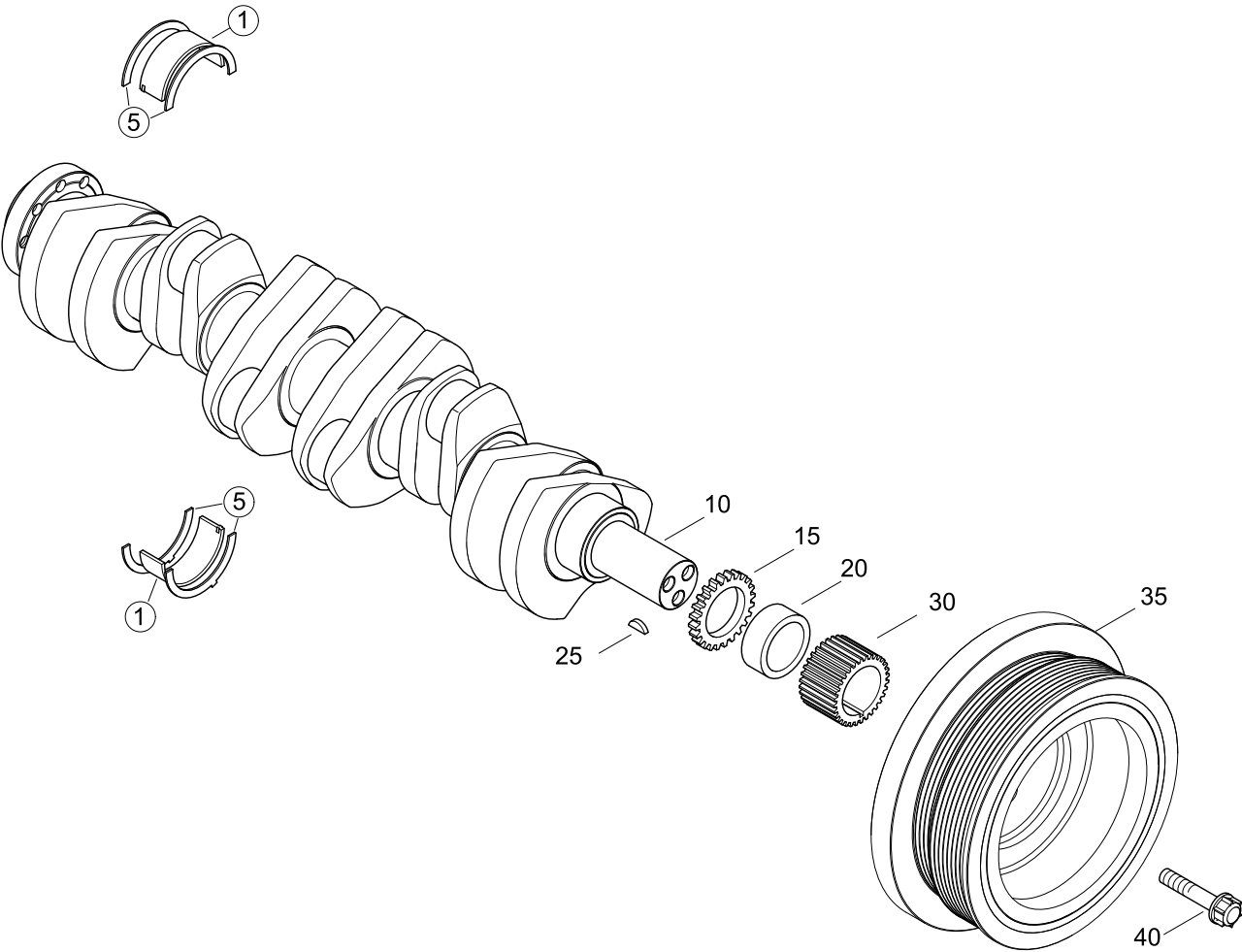


TA 0102

M160068-S

CRANKSHAFT, BEARING, DAMPER

01026068-0



M160068-5

01026068-0

[illegible]

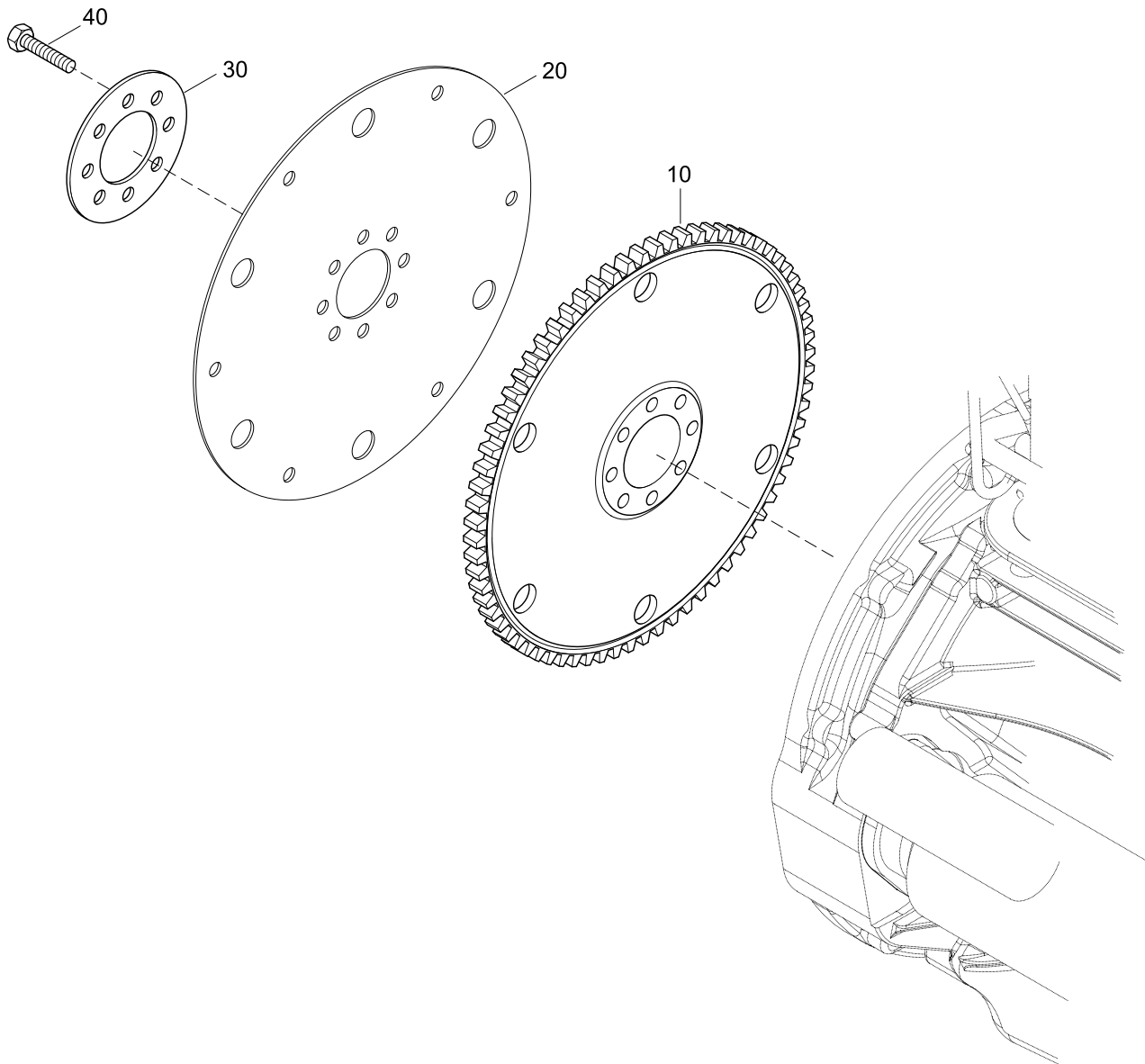


TA 0103

M160068-S

FLYWHEEL

01036068-0



FLYWHEEL	M160068-S
----------	-----------

01036068-0

[illegible]

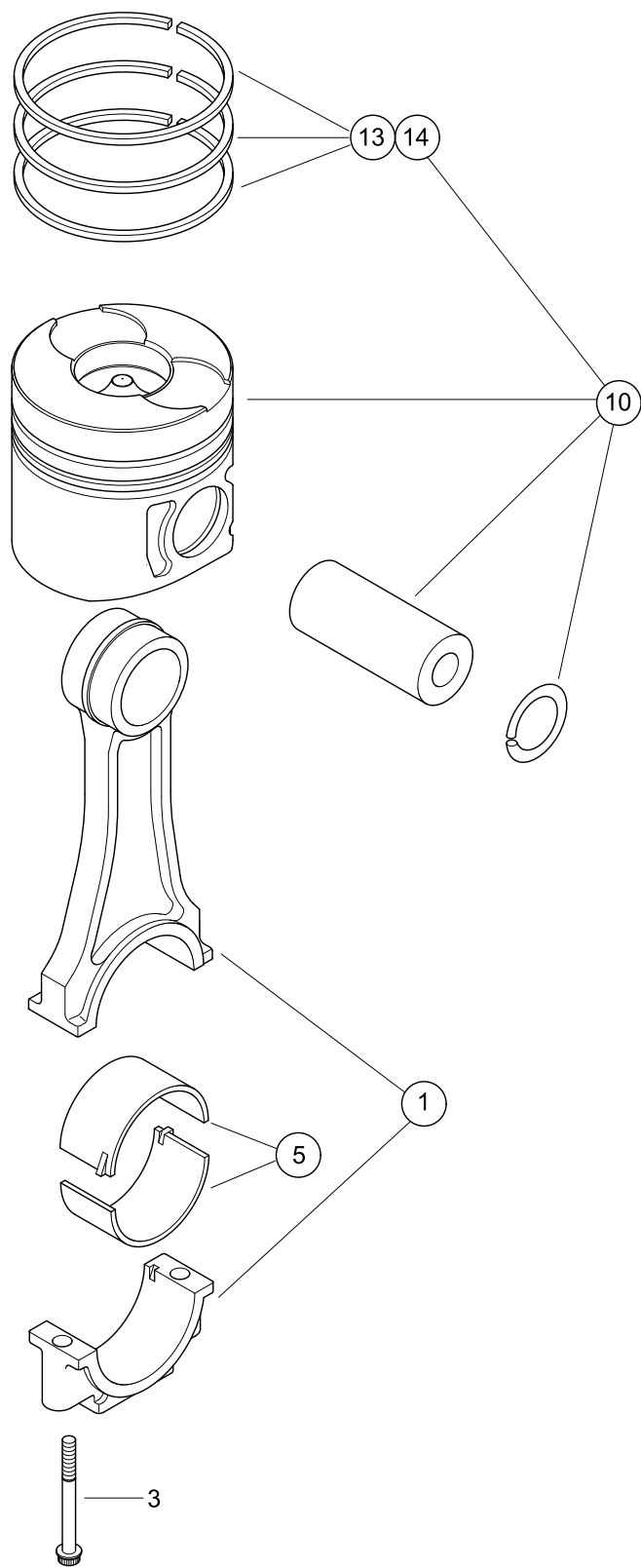


TA 0104

M160068-S

PISTON, RINGS AND PIN, CONNECTION ROD

01046029-3



PISTON, RINGS AND PIN, CONNECTION ROD

M160068-5

01046029-3

[illegible]

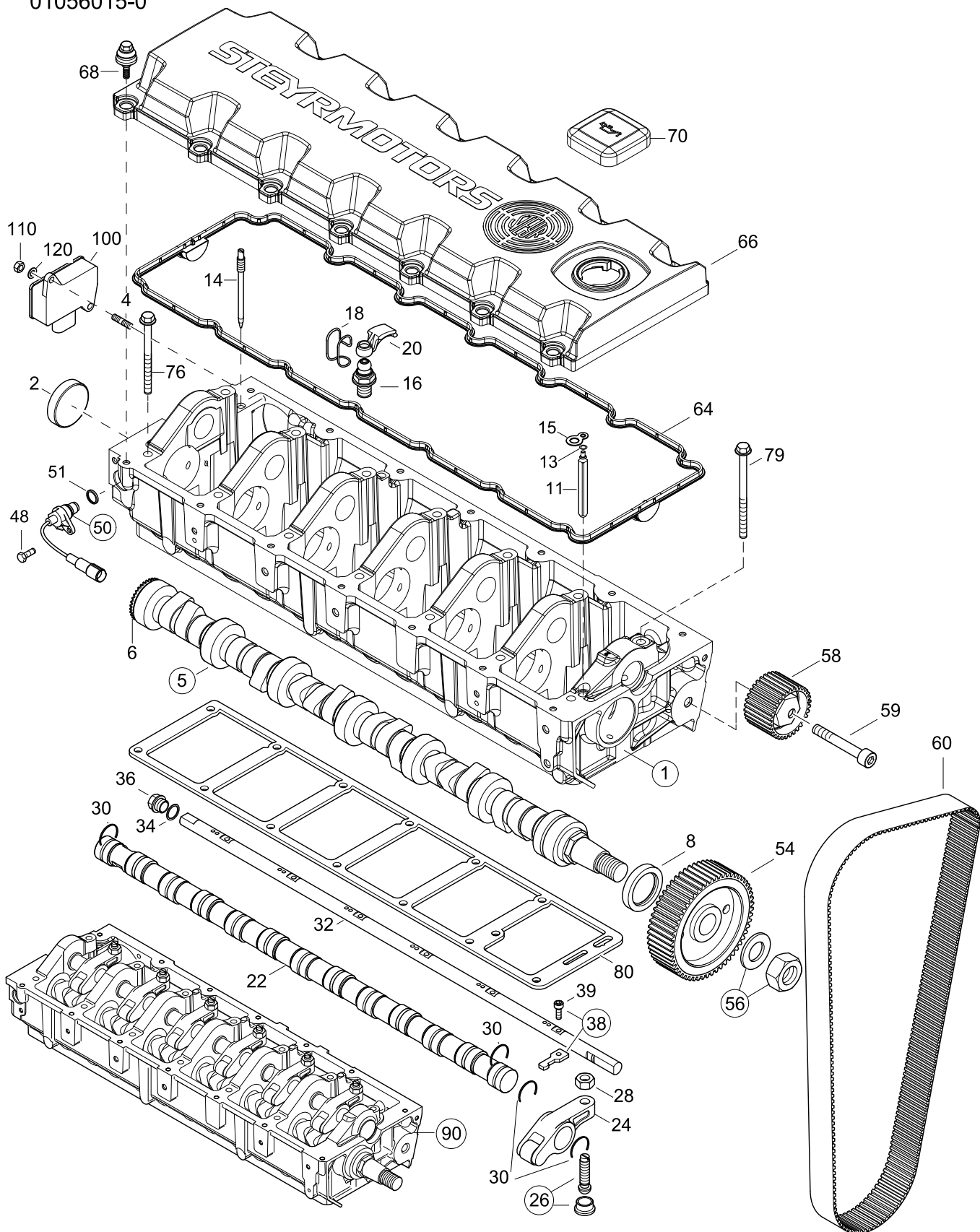


TA 0105

M160068-S

CAMSHAFT HOUSING

01056015-0





CAMSHAFT HOUSING	M160068-5
-------------------------	------------------

01056015-0

Pos.	Part.-No.	Qty	Designation	Step
1	Z026066-0	1	CAMSHAFT HOUSING	.2
2	2178083-0	1	CORE HOLE PLUG 50-7	..3
4	9000499-0	1	SET SCREW DIN EN ISO 4029-M4x16-A2	..3
5	2178084-2	1	CAMSHAFT ASSY.	.2
6	2203280-1	1	SENSOR DISK	..3
8	2172086-1	1	ROTARY SHAFT SEAL	.2
11	2178486-2	1	AXLE SUPPORT	.2
13	2179278-0	1	O-RING 4,3x2,4	.2
14	2177513-2	1	GUIDE PIN CONTROL RACK	.2
15	2179251-0	1	LOCKING DEVICE, AXLE SUPPORT	.2
16	2174546-2	12	VALVE TAPPET ADJ. SCREW ASSY.	.2
18	2174552-0	12	RETAINING SPRING	.2
20	2177139-1	12	CAM FOLLOWER ASSY.	.2
22	2172674-2	1	ECCENTRIC SHAFT ASSY.	.2
24	Z002094-0	6	ROCKER ARM ASSY. (SPARE PART)	.2
26	Z002010-0	6	TAPPET ADJUSTER ASSY.	.2
28	3871310-0	6	HEX.NUT DIN 934-M10x1-8	.2
30	2178796-0	14	CIRCLIP 26x1,2	.2
32	2205115-0	1	CONTROL RACK	.2
34	3098031-0	1	SEALING RING DIN 7603-A26x31-CU	.2
36	3962043-0	1	HEX.HD.SCR.PLUG DIN 7604-C-M26x1.5-ST-A3C	.2
38	Z002009-0	6	CONTROL LINK & BOLT	.2
39	3860140-0	1	HEX.SOCK. HD.CAP SCR. DIN 912-M5x20-LH-10.9	..3
48	3800238-0	1	HEX.HD.SCR. ISO 4017-M6x12-A2-70	.2
50	Z002133-0	1	REVOLUTION SENSOR (FORDING)	.2
51	2176729-0	1	O-RING 17,17 x 1,78	..3
54	2177642-0	1	TIMING BELT PULLEY CAMSHAFT	.2
56	Z002011-0	1	NUT & WASHER, CAMSHAFT PULLEY	.2
58	2178548-5	1	IDLER PULLEY ASSY.	.2
59	3860155-0	1	HEX.SOCK. HD.CAP SCR. DIN 912-M10x70-10.9-DAC A500	.2
60	2178073-1	1	TIMING BELT	.2



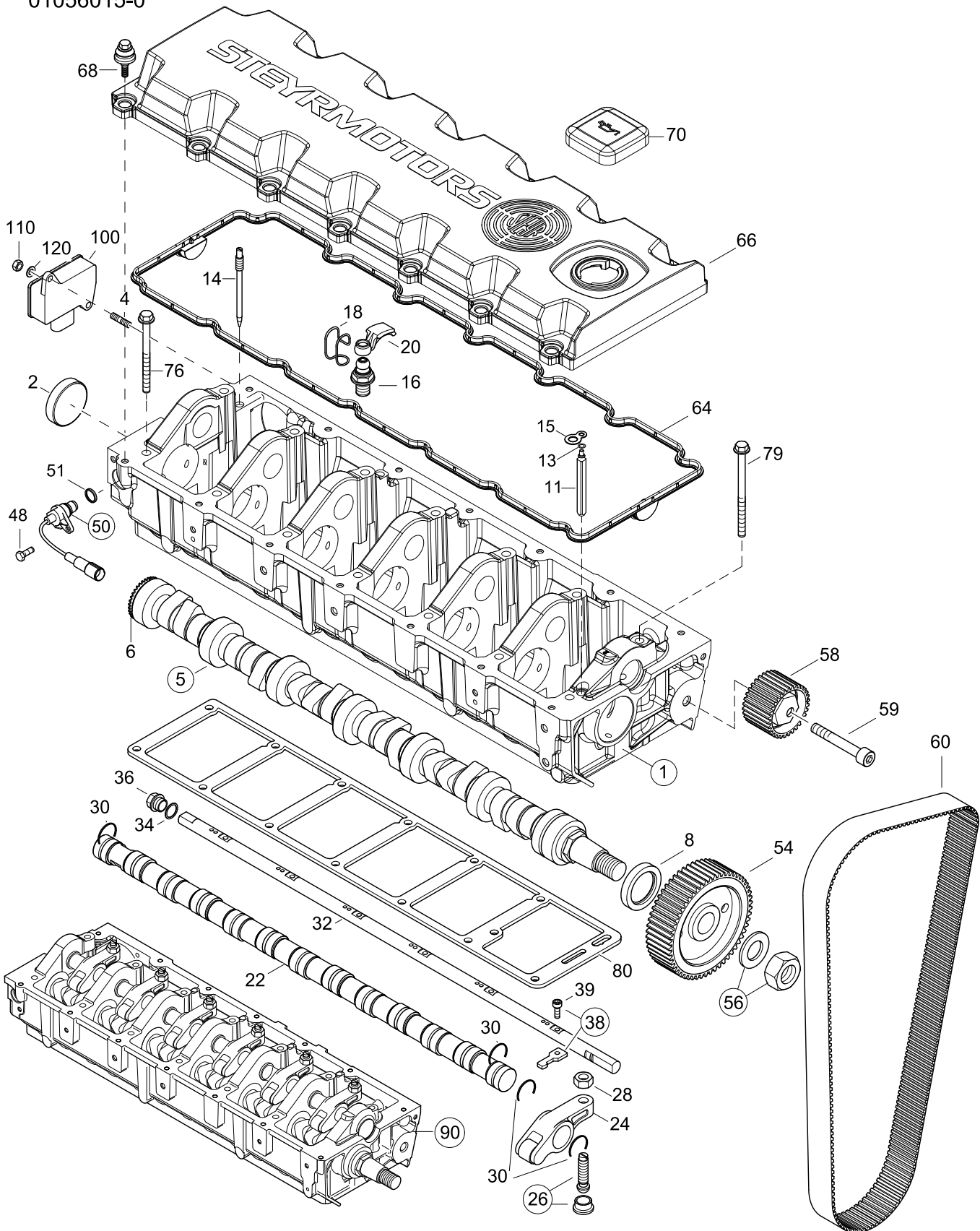


TA 0105

M160068-S

CAMSHAFT HOUSING

01056015-0



M160068-5

01056015-0

[illegible]





OILPUMP, OILPIPE, OILPAN

M160068-5

01066068-0

Pos.	Part.-No.	Qty	Designation	Step
1	Z002655-0	1	ENGINE HOUSING ASSY. (INCL. PIPE OIL-DIPSTICK)	.2
2	9000392-0	1	HEX.FLANGE BOLT EN 1665-M10x160-8.8-A3C	..3
3	9000283-0	2	HEX.FLANGE BOLT EN 1665-M10x120-8.8-A3C	..3
4	9000302-0	1	HEX.FLANGE BOLT EN 1665-M10x210-8.8-A3C	..3
5	9000266-0	3	HEX.FLANGE BOLT EN 1665-M10x180-8.8-A3C	..3
6	9000463-0	2	HEX.FLANGE BOLT EN 1665-M10x250-8.8-A3C	..3
7	3932008-0	16	SPRING WASHER DIN 137-B6-FST-A3C	..3
8	3862352-0	16	HEX.SOCK. HD.CAP SCR. DIN 912-M6x50-8.8-A2C	..3
9	9000530-0	1	OIL DRAIN PLUG M22x1.5	..3
12	3098026-0	1	SEALING RING DIN 7603-A22x27-CU	..3
13	9000590-0	3	HEX.SOCK.SCR.PLUG WITH RUBBER SEAL M22x1,5	..3
14	2174072-0	4	RUBBER PAD	..3
15	2201802-0	1	PIPE OIL-DIPSTICK	..3
16	2170298-0	2	FITTING SLEEVE	..3
17	2205426-2	1	COVER PRE OIL SEPARATOR	..3
18	9000287-0	6	HEX.FLANGE BOLT EN 1665-M6x12-8.8-A3C	..3
19	3559962-0	1	PIPE UNION ADAPTOR DIN 3901-L18B-M-ST-A3C	..3
20	2177870-1	1	OIL SEPARATOR	.2
22	2178310-1	1	O-RING 17x3,53	.2
24	9000012-0	1	WASHER LARGE SERIES DIN 9021-6.4-140HV-A2	.2
26	3800221-0	1	HEX.HD.SCR. ISO 4017-M6x20-A2-70	.2
28	2178287-L	1	HOSE, OIL DRAIN	.2
30	2174405-0	2	HOSE CLAMP 10-16/7,5 EN 10088-1	.2
34	2178566-0	1	PIPE CLAMP RSGU1.15/15-W5	.2
36	3800233-0	1	HEX.HD.SCR. ISO 4017-M6x16-A2-70	.2
38	2203751-0	1	OIL DIP STICK ASSY	.2
40	Z002656-0	1	DUAL OIL PUMP ASSY	.2
41	2170298-0	2	FITTING SLEEVE	..3
45	Z002005-5	1	RELIEF VALVE, OIL PUMP	..3
48	2170276-1	1	ROTARY SHAFT SEAL	..3
49	3559962-0	1	PIPE UNION ADAPTOR DIN 3901-L18B-M-ST-A3C	..3





OILPUMP, OILPIPE, OILPAN

M160068-5

01066068-0

[illegible]



TA 0108

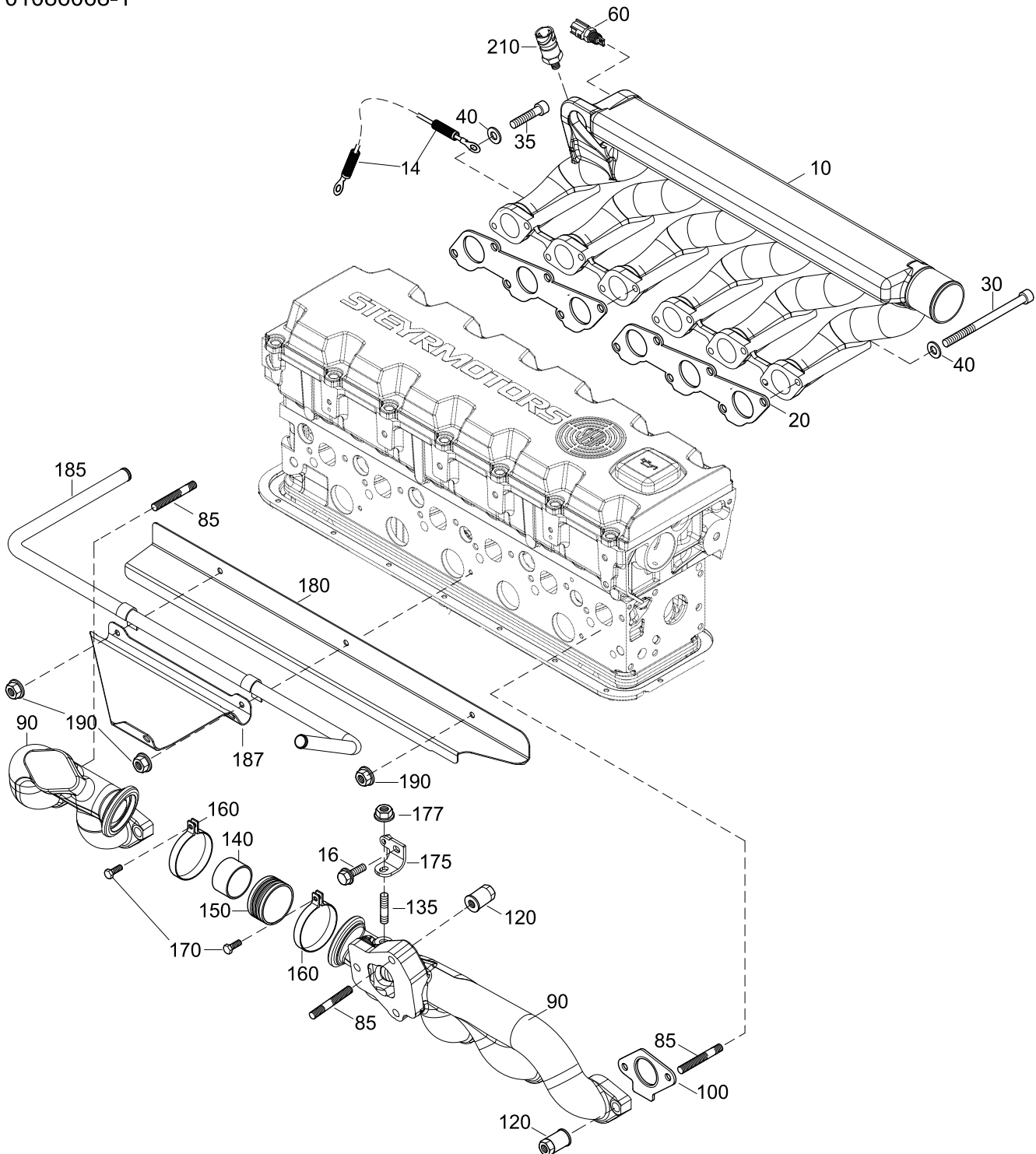
STEYRMOTORS
INNOVATION WITH LIGHTNESS



M160068-S

INTAKE AND EXHAUST MANIFOLD

01086068-1





INTAKE AND EXHAUST MANIFOLD

M160068-5

01086068-1

Pos.	Part.-No.	Qty	Designation	Step
10	2205613-2	1	INTAKE MANIFOLD	.2
14	2178968-0	1	GROUND WIRE ALTERNATOR	.2
16	9000305-0	1	HEX.FLANGE BOLT EN 1665-M8x20-10.9-DAC	.2
20	2177585-2	2	GASKET INTAKE MANIFOLD	.2
30	9000485-0	6	HEX.SOCK. HD.CAP SCR. DIN 912-M8x140-8.8-A2C	.2
35	3862428-0	6	HEX.SOCK. HD.CAP SCR. DIN 912-M8x25-8.8-A2C	.2
40	3930261-0	12	WASHER DIN 125-A8.4-140HV-A3C	.2
60	2174425-2	1	BOOST AIR TEMPERATURE SENSOR 3/8-18	.2
85	2178608-5	15	STUD HIGH TEMPERATURE RESISTANT DIN 939-M8x45	.2
90	2205614-0	1	EXHAUST MANIFOLD	.2
100	2174762-2	6	GASKET OUTLET	.2
120	9000533-0	15	HEX.FL. NUT, PREVG.TORQUE M8	.2
135	2178608-6	1	STUD HIGH TEMPERATURE RESISTANT DIN 939-M8x15	.2
140	2205186-0	1	TUBE	.2
150	2205187-0	1	BELLOWS	.2
160	10691	2	PROFILE-CLAMP EXHAUST MANIFOLD	.2
170	10692	2	HEX.HD.SCR. ISO 4017-M6x25-10.9	.2
175	2205605-1	1	BRACKET EXHAUST MANIFOLD	.2
177	2178640-0	1	HEX.FL. NUT, PREVG.TORQUE M8	.2
180	2205410-6	1	PROTECTING SHEET, FRAME SEAL	.2
185	2205747-0	1	BLOWBY PIPE ASSY.	.2
187	2205753-0	1	SCREENING SHEET	.2
190	3880049-0	3	HEX.FLANGE NUT DIN 6923-M6-A2-70	.2
210	2206305-0	1	PRESSURE SENSOR 1/8-27 NPT	.2





TA 0113

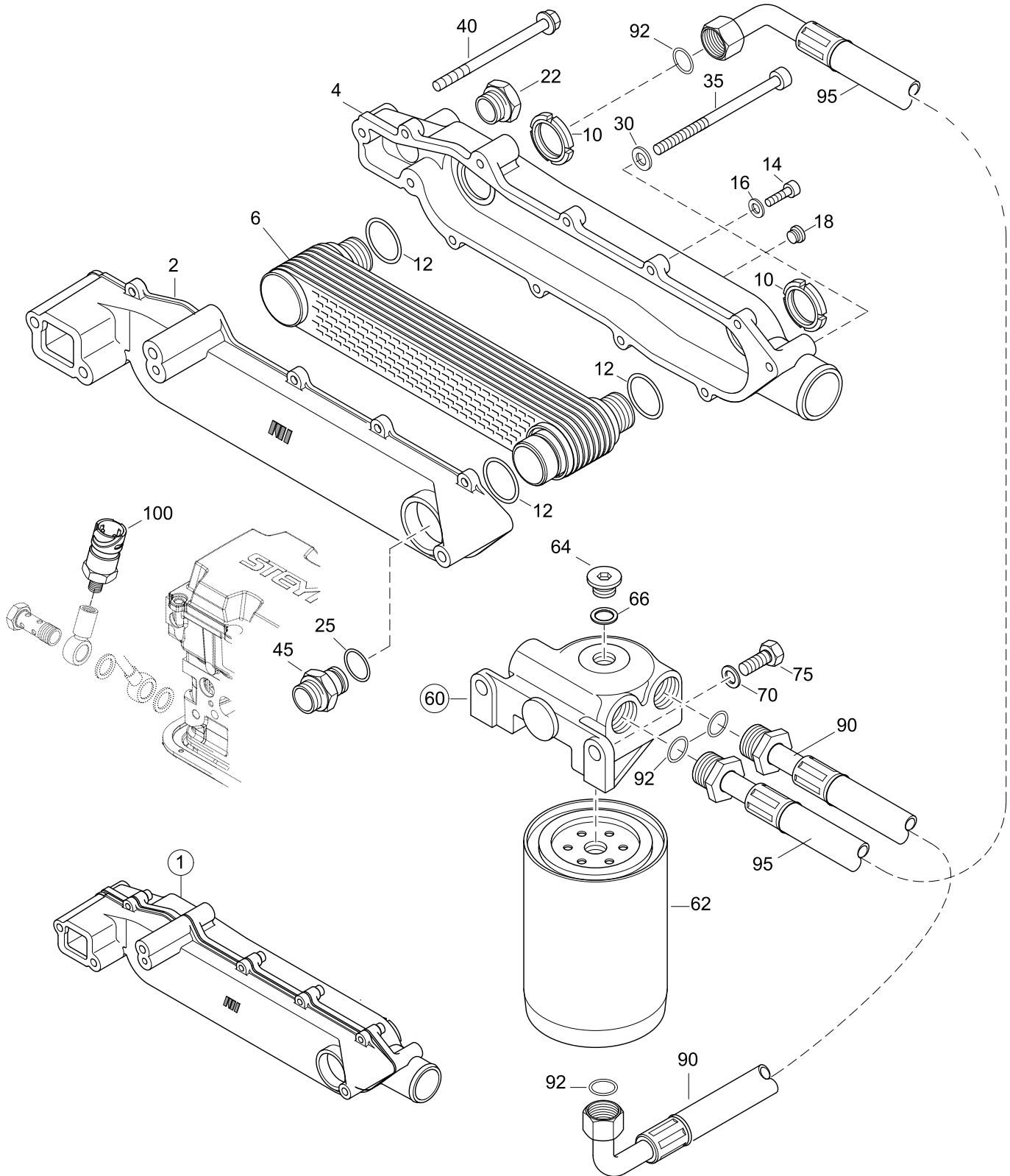
STEYRMOTORS
INNOVATION WITH LIGHTNESS



M160068-S

OILCOOLER, FILTER

01136068-1



OILCOOLER, FILTER	M160068-S
-------------------	------------------

01136068-1

[illegible]

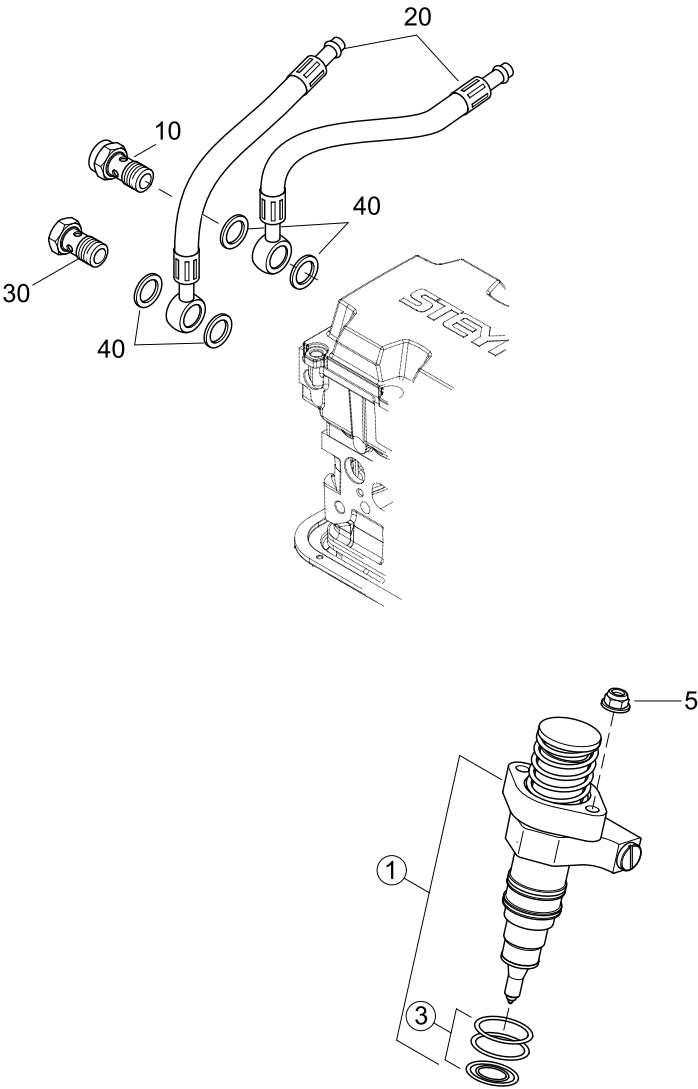


TA 0302

M160068-5

UNIT INJECTOR, PIPES

03026029-7



UNIT INJECTOR, PIPES	M160068-5
----------------------	------------------

03026029-7

[illegible]



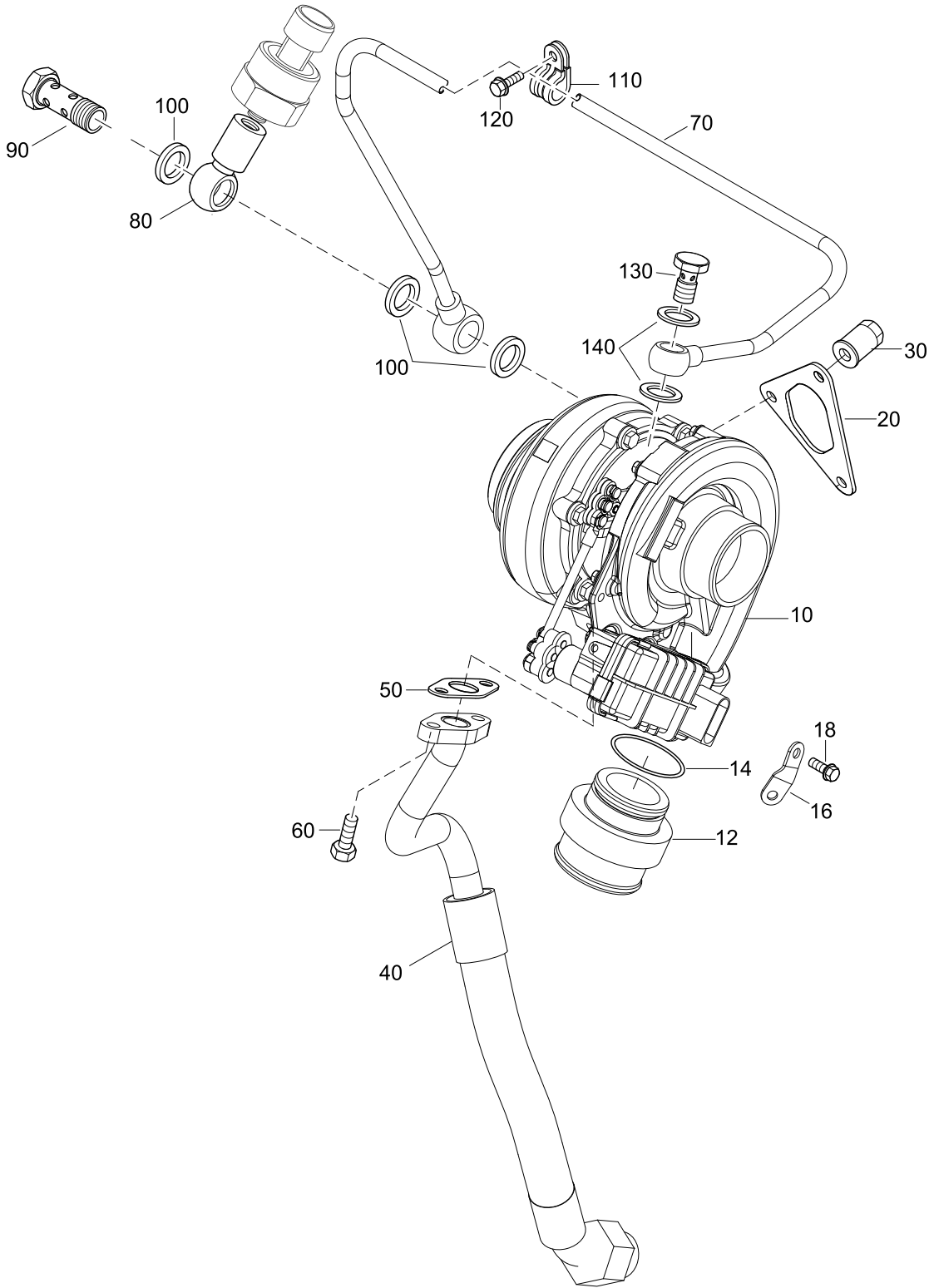
TA 0305



M160068-S

TURBOCHARGER

03056068-2



M160068-5

03056068-2

[illegible]





CONTR. SOLENOID, INJEC. TIMING DEVICE

M160068-5

03086068-1

Pos.	Part.-No.	Qty	Designation	Step
2	9000446-1	4	HEX.HD.BOLT ISO 4014-M8x70-A4-70	.2
4	3930103-0	4	WASHER DIN 125-8.4-140HV-A2	.2
5	Z002154-0	1	CONTROL SOLENOID W. SENSOR	.2
6	2179707-0	1	O-RING 43x3,5	..3
7	Z002134-0	1	SENSOR, CONTROL RACK POSITION	..3
8	2179708-0	1	O-RING 18x1,5	..3
9	9000116-1	2	HEX.SOCK. HD.CAP SCR. DIN 912-M5x20-A2-70	..3
10	2179766-0	1	PROTECTING CAP, RACK-SENSOR	..3
60	2176745-2	1	CONTROL-LEVER	.2
70	2176746-1	2	DISTANCE-SHAFT	.2
80	3931062-0	4	SPRING LOCK WASHER DIN 127-B5-FST-A3C	.2
90	3871222-0	4	HEX.NUT ISO 4032-M5-8-A2C	.2
100	2205591-0	1	CONNECTING ROD	.2
110	2205593-0	2	PARALLEL PIN	.2
120	9000483-0	2	RETAINING WASHER F.SHAFT DIN 6799-5	.2
130	2205592-0	1	CLAMPING LEVER ECCENTRIC SHAFT	.2
140	9000278-0	1	HEX.FLANGE BOLT EN 1665-M8x35-8.8-A2C	.2
150	2205602-2	1	OIL SUPPLY PIPE ASSY. ITD	.2
160	11868	2	BANJO BOLT M12x1,5 DIN 7643-8-3-A3C	.2
170	3098013-0	4	DICHTRING DIN 7603-A12x18-CU	.2
180	Z002162-0	1	INJECTION TIMING DEVICE ASSY. (SPARE PART)	.2
190	2179365-0	2	O-RING 5x1,5	..3
200	2179369-0	1	O-RING 66,4x1,78	..3
210	2179382-0	1	MAGNETIC VALVE - ITD	..3
220	9000499-0	2	SET SCREW DIN 438-M4x16-A2	..3
230	9000063-0	4	HEX.SOCK. HD.CAP SCR. DIN 912-M8x20-A2-70	.2



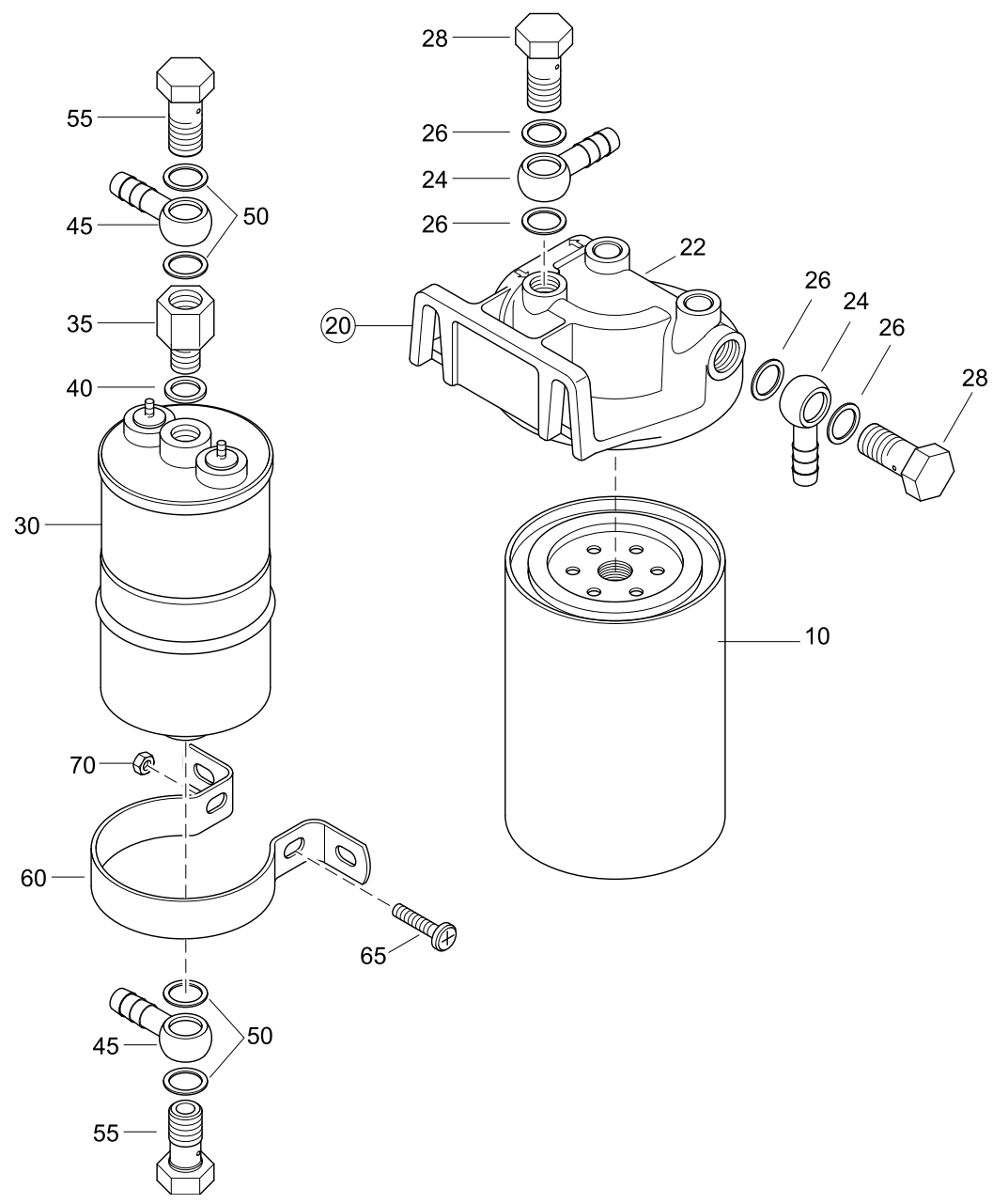


TA 0309



M160068-S	FUEL FILTER, FUEL PUMP
------------------	-------------------------------

03096068-0



FUEL FILTER, FUEL PUMP	M160068-S
------------------------	------------------

03096068-0

[illegible]

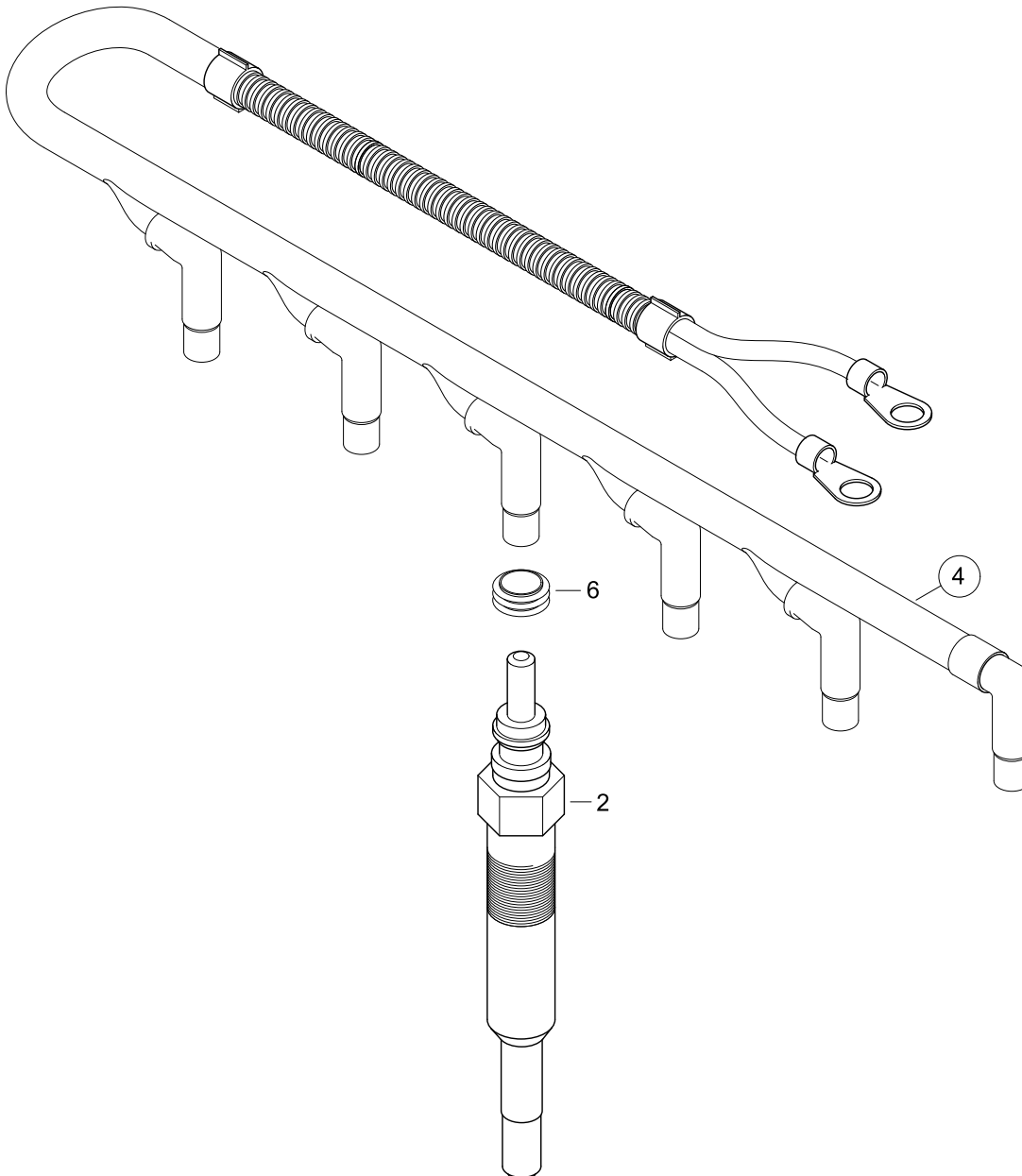


TA 0311

M160068-S

GLOW PLUG

03116029-0



GLOW PLUG	M160068-S
-----------	------------------

03116029-0

[illegible]



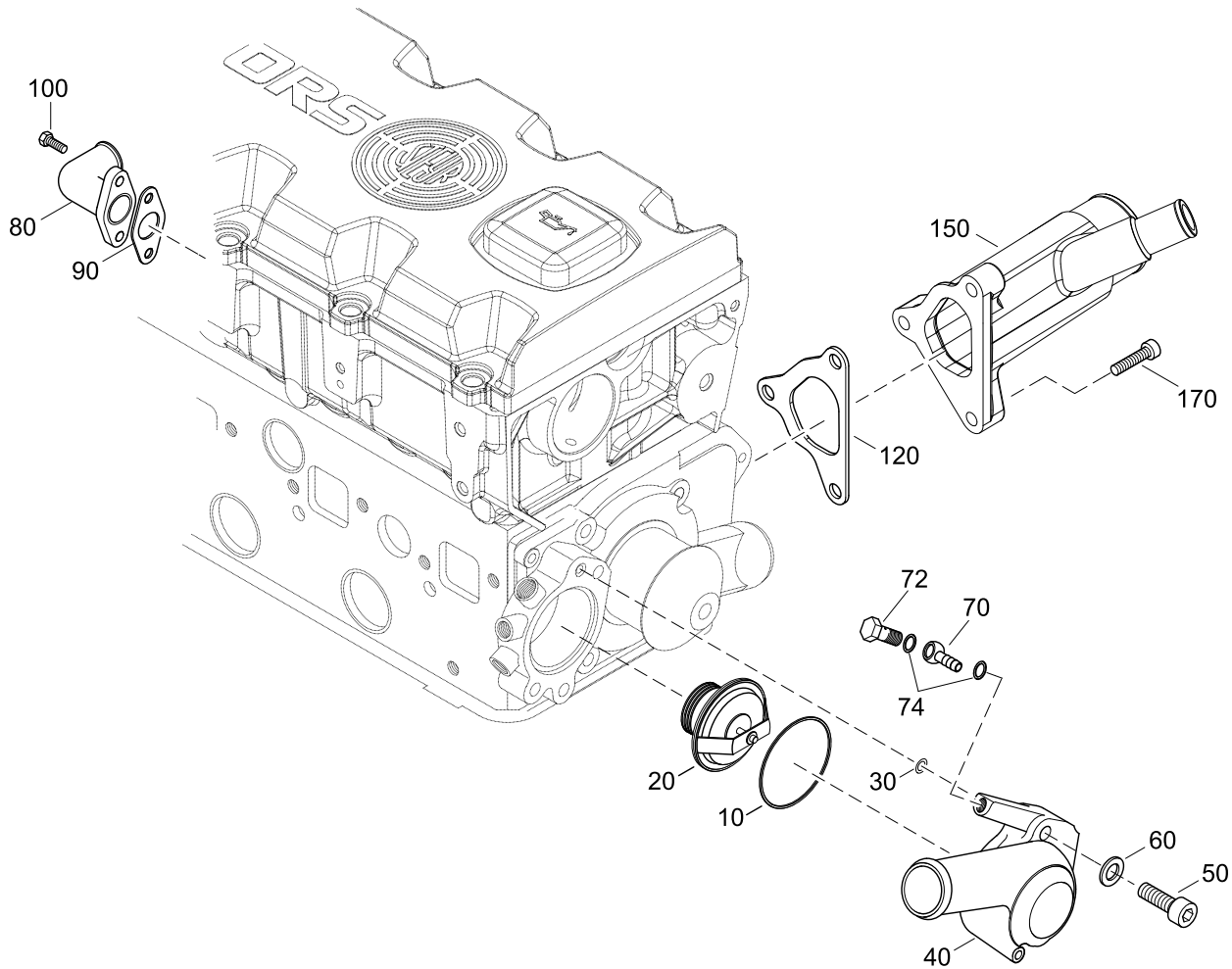
TA 0503



M160068-S

WATERPIPE, THERMOSTAT

05036068-0



WATERPIPE, THERMOSTAT	M160068-S
-----------------------	-----------

05036068-0

[illegible]

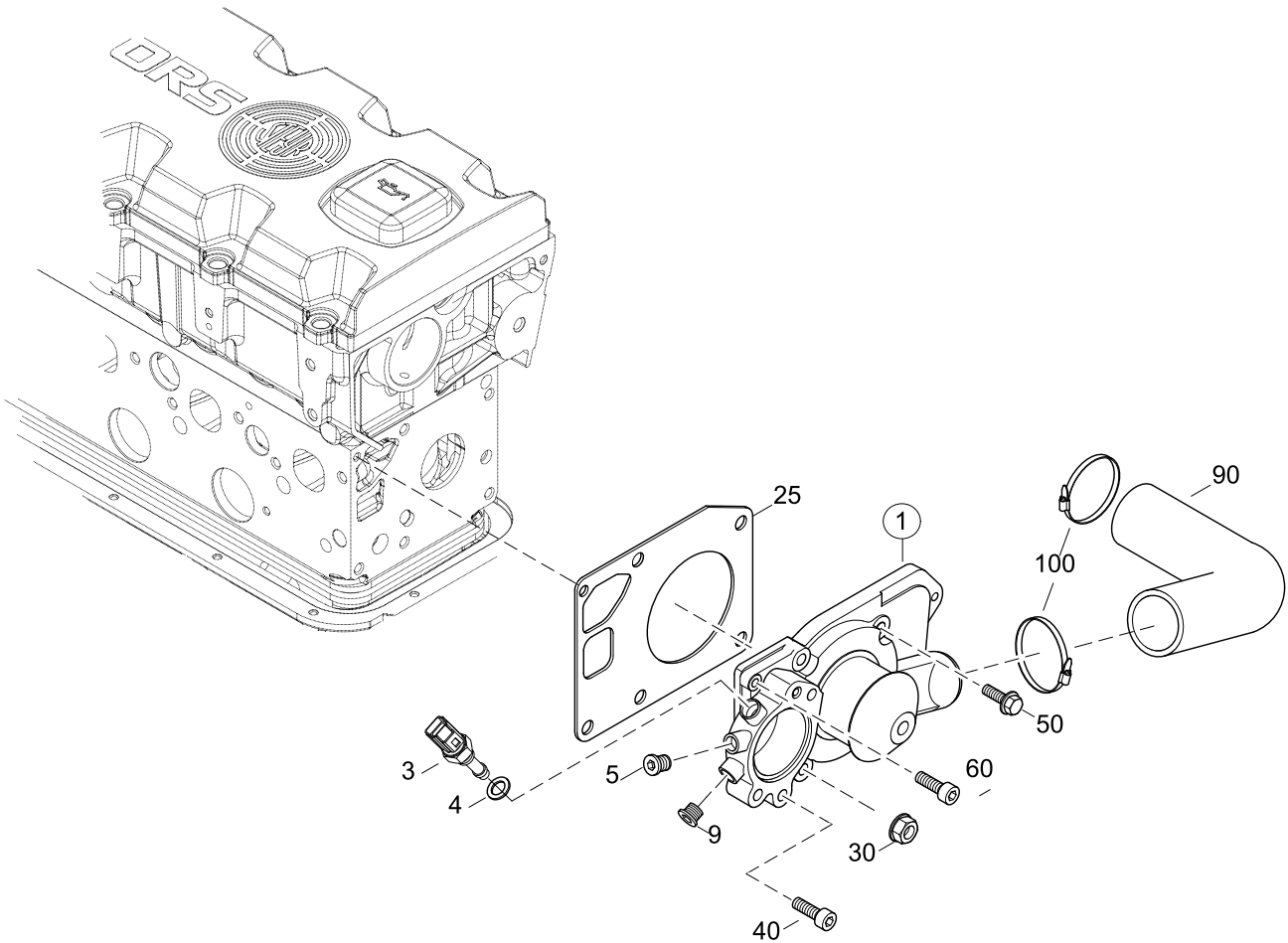


TA 0504

M160068-S

WATERPUMP

05046068-0



M160068-5

05046068-0

[illegible]

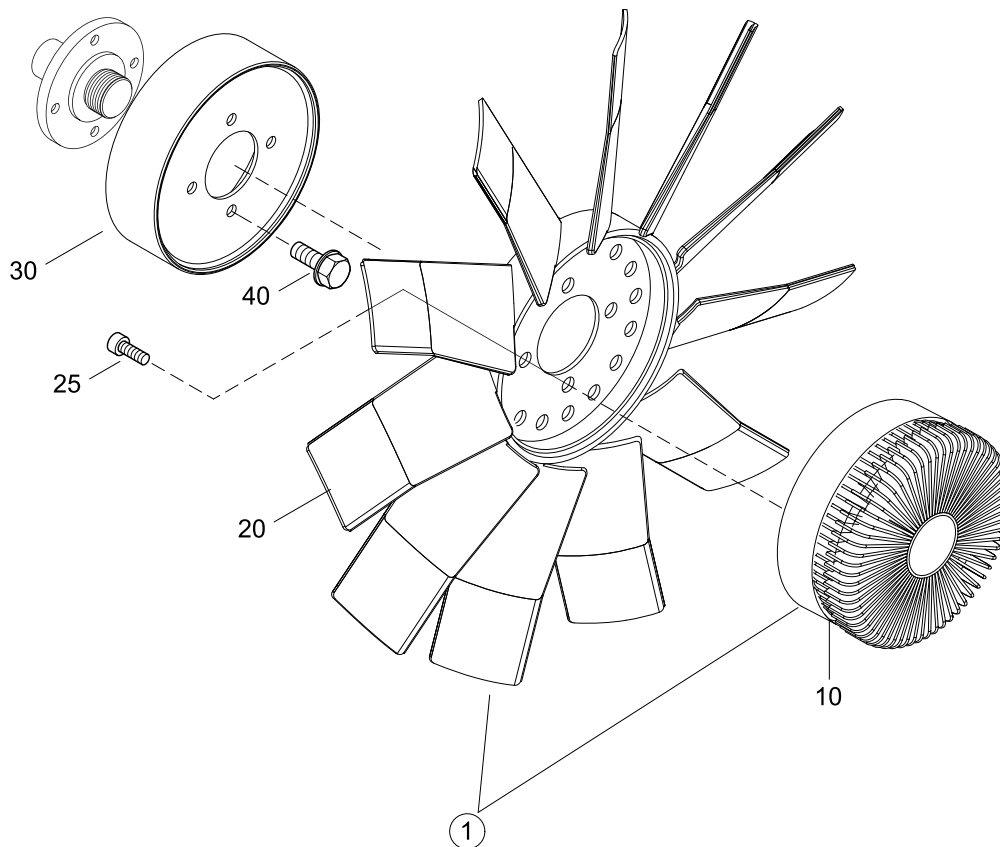


TA 0505

M160068-S

FAN ASSY.

05056068-1



FAN ASSY.	M160068-5
-----------	-----------

05056068-1

[illegible]

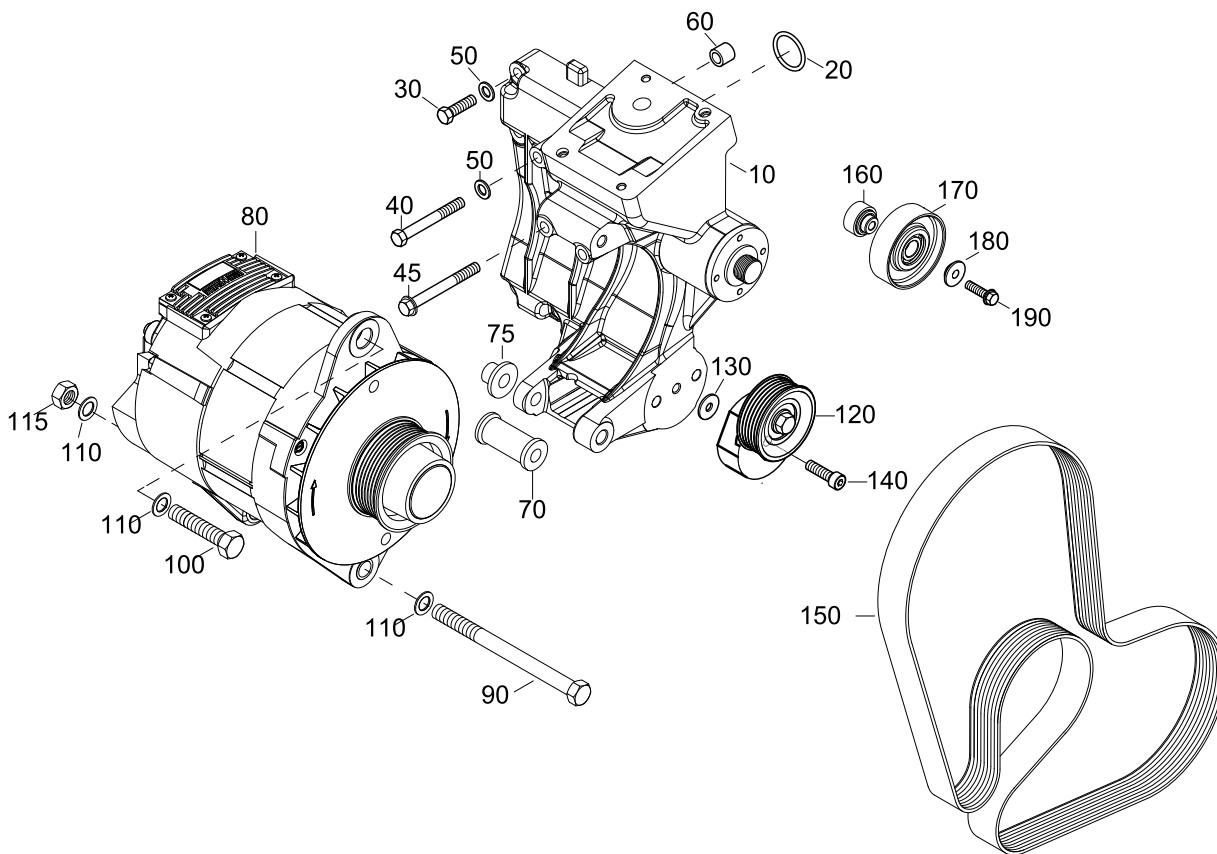


TA 0601

M160068-S

ALTERNATOR, BRACKET, BELT

06016068-1



M160068-5

06016068-1

[illegible]

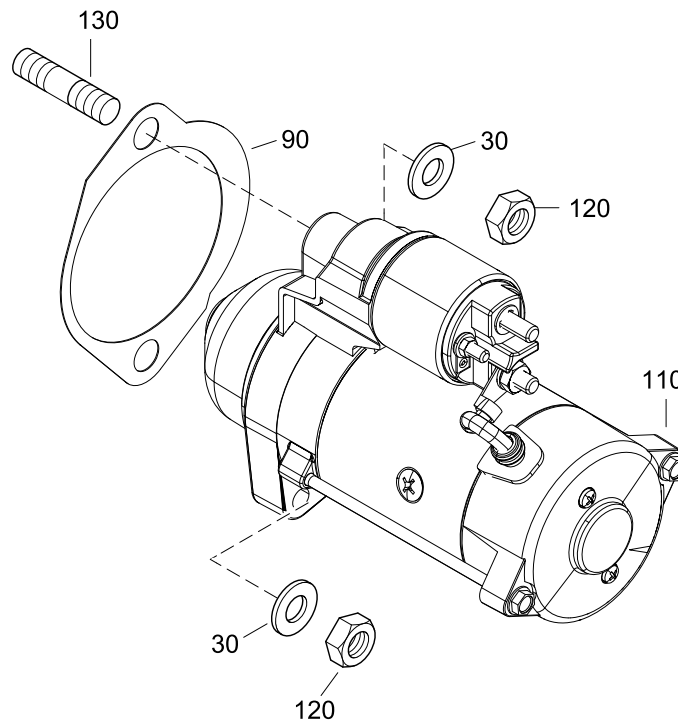


TA 0603

M160068-S

STARTER

06036068-1



STARTER	M160068-S
---------	------------------

06036068-1

[illegible]



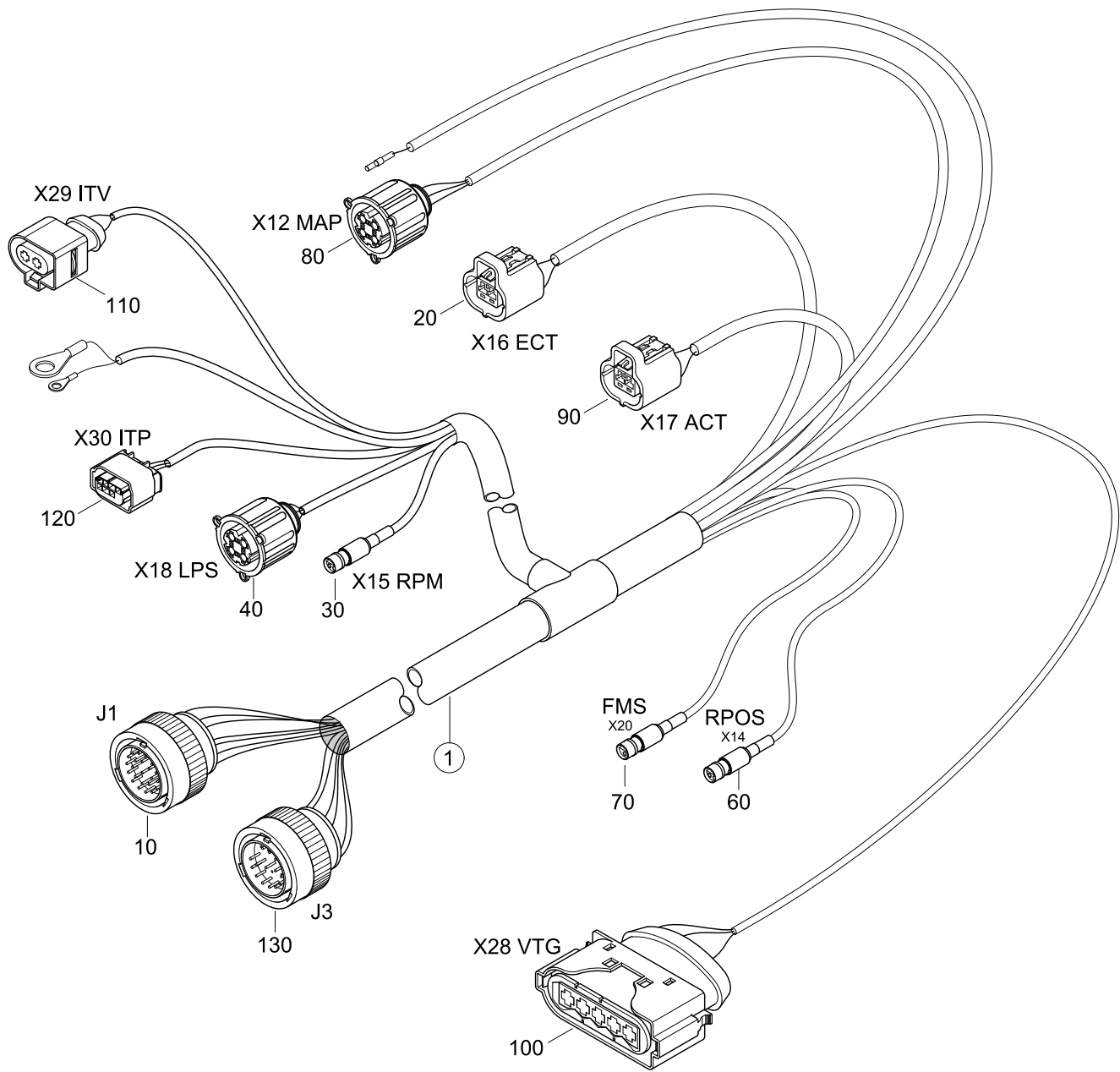
TA 0605



M160068-S

ENGINE HARNESS

06056068-1



ENGINE HARNESS	M160068-S
----------------	------------------

06056068-1

[illegible]



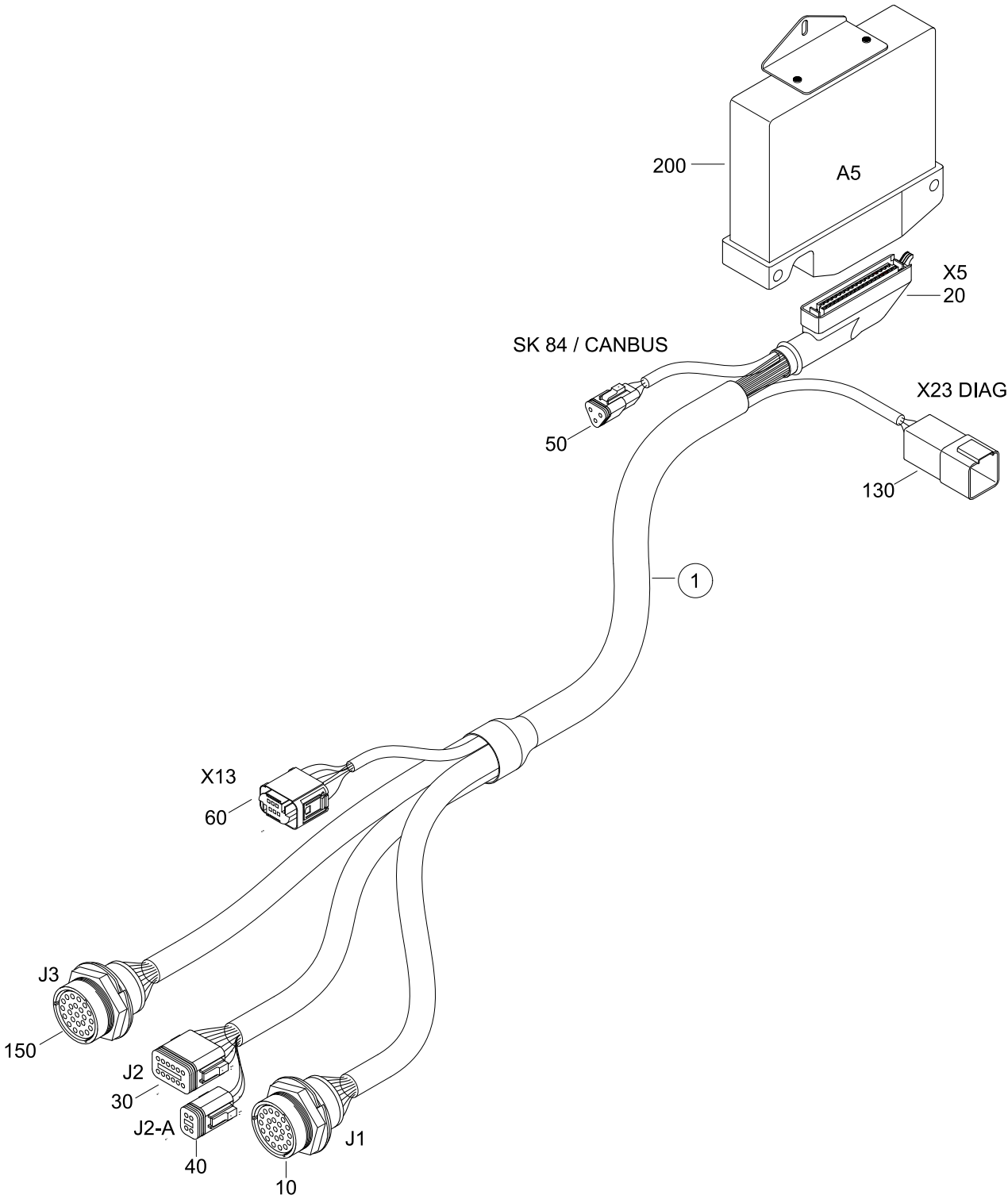
TA 0606



M160068-S

HARNESS, ECU

06066068-1



HARNESS, ECU	M160068-S
--------------	------------------

06066068-1

[illegible]

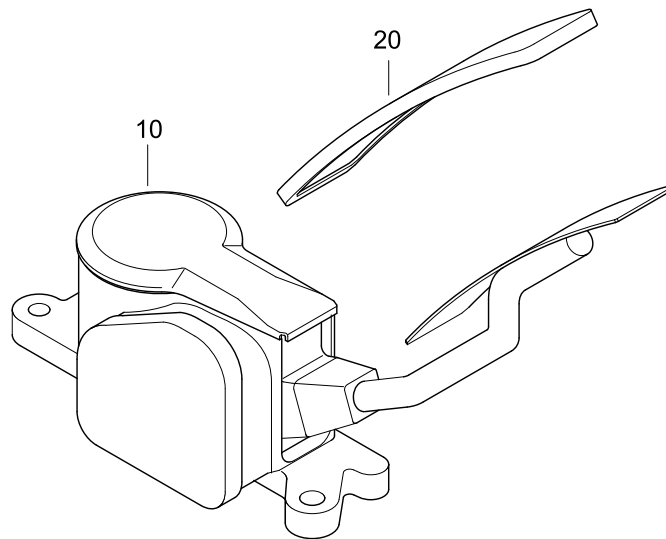


TA 0608

M160068-S

TRANSMITTER ACCELERATOR PEDAL

06086068-0



M160068-5

06086068-0

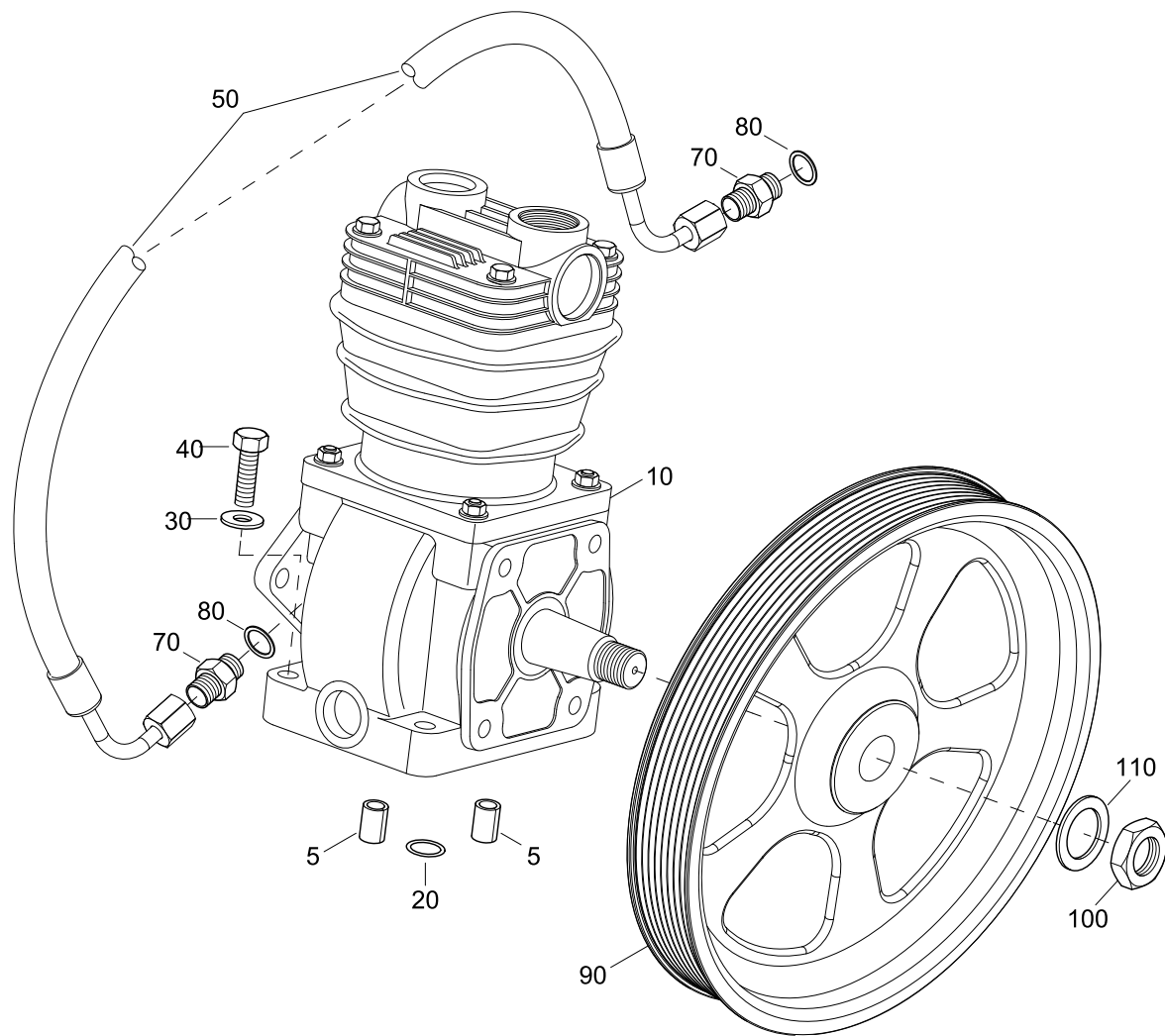
[illegible]



TA 1209

M160068-S	AIR COMPRESSOR
------------------	-----------------------

12096068-0



M160068-5

12096068-0

[illegible]

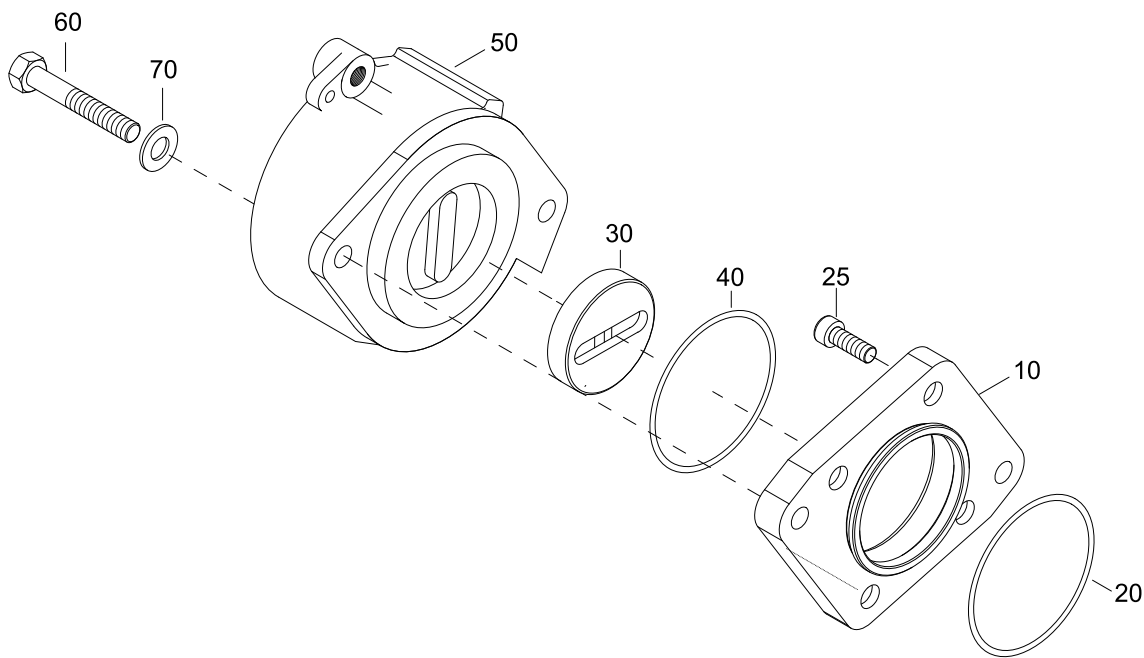


TA 1408

M160068-S

HYDRAULIC PUMP

14086068-1



M160068-5

14086068-1

[illegible]

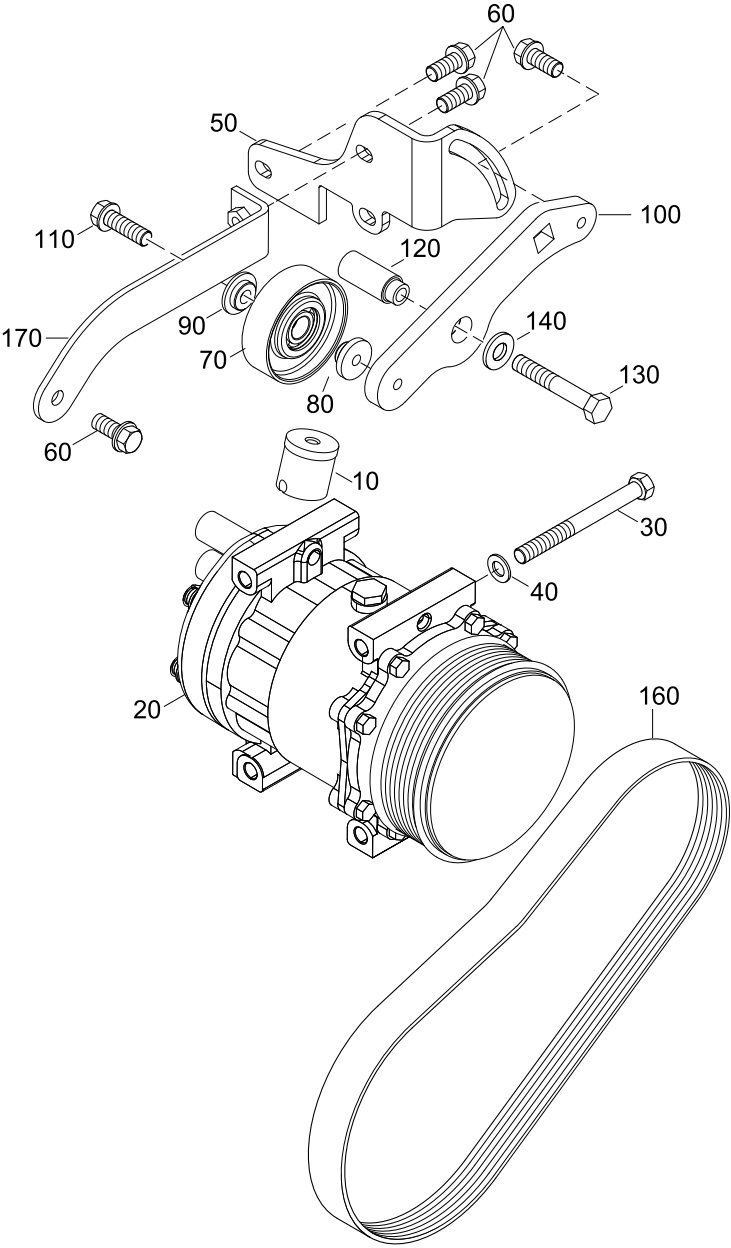


TA 5200

M160068-S

AIR CONDITIONING

52006068-1



M160068-5

52006068-1

[illegible]