



Spare Parts Catalog

ECOLIFE

NOVABUS

Material number: 4181.002.204

Current date: 30.09.2013

ZF Friedrichshafen AG
Hauptverwaltung
80038 Friedrichshafen
Deutschland

Telefon: +49 7541 77-0

Telefax: +49 7541 77-908000

www.zf.com

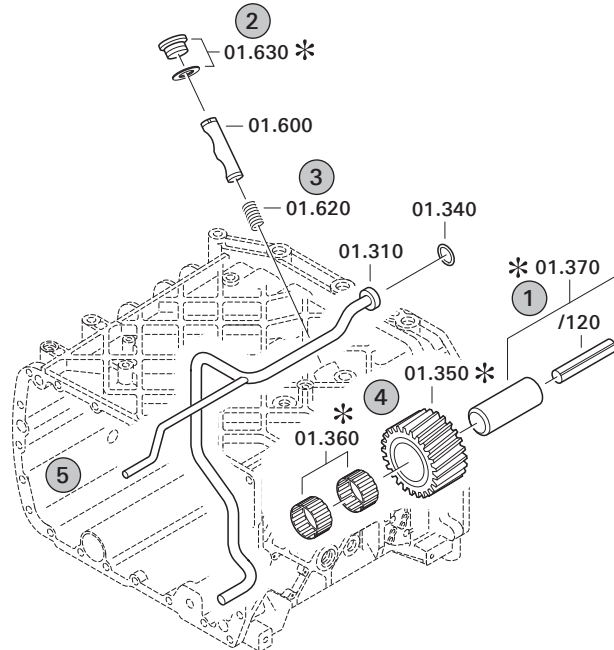
zuständiges Werk:
Friedrichshafen

Notes relating to the spare parts catalog

Setup of the spare parts catalog

- Cover sheet
- Technical Cover (only in SDM print)
- Overview of figures
- Figure
- Associated parts list
- Next figure
- Associated parts list
- ...

Figure and parts list



Overview of figures

Bildtafel Figure	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
068.08.17	1316.170.001	AUSLEGER	WL	SHIFT TURRET	1	Stk
068.08.06	1316.170.031	DECKEL	WL*H-H*VM	COVER	1	Stk
068.08.14	1316.170.808	DECKEL	WL*AUSL+GEH*H-H*HF160N	COVER	1	Stk
08	1316.170.441	ANSCHLUSSTEILE	WL*NG-VORB*RG-SCHL*168N*BAJONETT	CONNECTING PARTS	1	Stk

The "gap" indicates that there is no separate graphics panel (poster) for this assembly
The parts of this assembly are shown with the same mid-section number on the figure

1 Positions and subpositions

Pos.	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
0370	1315.201.054	RUECKLAUFBOLZEN	KPL.16S151*SG*L= 79	REV.IDLER SHAFT	1	Stk
/0120	0631.329.293	SPANNSTIFT		SLOT. PIN	1	Stk

Positions marked with "/" are the individual items of a completion
For example: Position 0370 contains a centering pin with the position /0120

2 Combinations with standardized parts

Pos.	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
0630		VERSCHL.SCHR.		SCREW PLUG	1	Stk
	0636.302.067	VERSCHL.SCHR.		SCREW PLUG	1	Stk
	0634.801.249	DICHTRING	A 26 X 31	SEALING RING	1	Stk

The parts list shows the components included in the combination of standardized parts

3 Depiction of position/item number on the figure and in the parts list

01.620 - on the figure 01 relates to the assembly in which the position is included. Due to program-related reasons, it is shown on the figure.

0620 - in the parts list

Pos.	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
0620	0732.040.736	DRUCKFEDER		COMPRESSION SPRING	1	Stk

4 *-Positions

Positions marked with an * are optional i.e. inclusion in the parts list is not mandatory.
The following note is shown on the figure

je nach Stücklistenausführung
depending on spec. number
*
suivant la nomenclature
secondo la distinta base

5 Parts, dotted display

Parts with dotted display on the figure are only used for orientation of other parts

Technical Cover

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS



Pos.	Information	Amendment number
001	Use case -----	
002	Customer Novabus	
003	City ST.EUSTACHE, QUEBEC	
004	DUNS 25-291-8990	
006	Sales Name LFS 40 ft EPA 2013	
007	Manufacturer Novabus	
008	Engineering Name	
009	Product Use BUS	
011	SOP	
012	Engine	
013	Sales Designation ISL 280 EPA 2013	
014	Manufacturer Cummins Engine Co.	
015	Drivetrain type DIESEL	
016	Eng.Displ. 8900 cm3	
017	Cylinder 6	
018	Nom. power 209 kW	
019	RPM at nom. power 2200 1/min	
020	Nom. torque 1221 Nm	
021	RPM at nom. torque 1300 1/min	
022	Classification use case -----	
023	LIMITED STALL SPEED 1777 1/min	
024	UNLIMITED STALL SPEED 2068 1/min	
028	INSTALLATION POSITION CROSSWISE 0 GRAD	
030	INSTALLATION POSITION LENGTHWISE 8 GRAD	
032	TOTAL NUMBER OF WHEELS 4	
033	NUMBER OF DRIVING WHEELS 2	
034	DYNAMIC TYRE RADIUS 487 mm	
035	REAR AXLE RATIO 5.13	
037	PERMISS.GROSS VEHICLE WEIGHT 17.962 t	
040	CIRCUIT DIAGRAMME Drawing 6029.739.041	
041	CONVERTER DIAGRAM Drawing 4168.781.172	
042	Documents -----	

Assembly group overview

Material number: 4181.002.204

ECOLIFE / NOVABUS

Page 1 from 3



Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
130.A1.01-1	932	4181.040.106	6 AP 1400 B	1		
130.02.01-1	110	4181.102.058	TRANSMISSION HOUSING	1		
130.02.50-1	150	4181.102.850	CLOSING COMPONENTS	1		
130.02.80-1	160	4181.102.805	CLOSING COMPONENTS	1		
130.07.02-1	500	4181.107.050	ACCUMULATOR	1		
130.07.50-1	310	4181.107.803	COVER	1		
130.07.80-1	510	4181.107.850	ACCUMULATOR	1		
130.08.01-1	600	4181.108.007	OIL TUBE	1		
130.08.80-1	610	4181.108.803	OIL TUBE	1		
130.09.02-1	650	4181.108.051	OIL TUBE	1		
130.09.81-1	660	4181.108.854	OIL TUBE	1		
130.19.01-1	630	4181.108.054	MANIFOLD	1		
130.19.80-1	640	4181.108.850	MANIFOLD	1		
130.84.03-1	300	4181.184.050	OIL TUBE	1		
130.84.82-1	310	4181.184.851	HEAT EXCHANGER	1		
130.84.81-1	360	4181.184.801	HEAT EXCHANGER	1		
130.87.80-1	390	4181.184.822	COVER	1		
130.03.01-1	310	4181.103.005	BRAKE F	1		
130.31.04-1	110	4181.128.011	MULTIDISK PACKAGE	1		
130.03.80-1	350	4181.103.801	BRAKE F	1		
130.22.01-1	300	4181.122.007	PLANETARY DRIVE	1		
130.25.03-1	100	4181.125.011	PLANET CARRIER	1		
130.23.01-1	200	4181.123.009	PLANETARY DRIVE	1		
130.27.01-1	100	4181.125.015	PLANET CARRIER	1		
130.24.02-1	100	4181.124.007	INPUT SHAFT	1		
130.26.01-1	200	4181.126.053	BRAKE	1		
130.28.01-1	100	4181.127.053	DISC CARRIER	1		
130.31.02-1	200	4181.128.012	MULTIDISK PACKAGE	1		
130.29.01-1	300	4181.129.053	PISTON SUPPORT	1		
130.29.80-1	152	4181.129.801	CHANGE OVER VALVE	1		
130.30.01-1	400	4181.129.802	PISTON SUPPORT	1		
130.40.80-1	550	4181.140.801	OIL SUPPLY	1		

Assembly group overview

Material number: 4181.002.204

ECOLIFE / NOVABUS



Page 2 from 3

Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
130.41.01-1	100	4181.141.050	OIL SUPPLY	1		
130.42.01-1	100	4181.142.050	OIL FEED FLANGE	1		
130.43.01-1	150	4181.143.010	STATOR SHAFT	1		
130.44.82-1	210	4181.144.802	STATOR RING	1		
130.44.81-1	810	4181.144.803	SEALING WASHER	1		
130.46.01-1	400	4181.146.005	VALVE HOUSING	1		
130.46.80-1	410	4181.146.802	VALVE HOUSING	1		
130.47.01-1	500	4181.147.007	PRIMARY PUMP	1		
130.48.80-1	310	4181.147.803	PUMP COVER	1		
130.47.50-1	510	4181.147.802	PUMP	1		
130.49.80-1	610	4181.148.801	SUPPORTING PLATE	1		
130.50.01-1	200	4181.150.053	CLUTCH UNIT A+B	1		
130.51.02-1	100	4181.151.053	COUPLING B	1		
130.52.01-1	100	4181.152.007	HUB	1		
130.52.80-1	320	4181.152.804	OIL DAM	1		
130.54.01-1	200	4181.154.031	COUPLING A	1		
130.55.02-1	100	4181.155.011	MULTIDISK PACKAGE	1		
130.57.01-1	410	4181.157.002	INPUT SHAFT	1		
130.58.02-1	440	4181.158.006	QUILL SHAFT	1		
130.60.02-1	710	4181.160.050	COVER PLATE	1		
130.60.80-1	750	4181.160.801	COVER PLATE	1		
130.70.01-1	810	4181.170.016	SHIFT CONTROL	1		
130.73.80-1	250	4181.170.803	VALVE BLOCK	1		
130.70.81-1	850	4181.170.804	SHIFT CONTROL	1		
130.71.81-1	860	4181.170.850	WIRING HARNESS	1		
130.74.02-1	800	4181.174.004	POSITION SENSOR	1		
130.75.01-1	910	4181.175.003	SUCTION FILTER	1		
130.75.80-1	920	4181.175.801	SUCTION FILTER	1		
130.76.81-1	970	4181.176.850	OIL PAN	1		
130.77.02-1	100	4181.177.050	OIL PAN	1		
130.78.03-1	200	4181.378.007	FILTER COVER	1		
130.78.80-1	210	4181.178.803	FILTER COVER	1		

Assembly group overview

Material number: 4181.002.204

ECOLIFE / NOVABUS

Page 3 from 3



Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
130.79.01-1	950	4181.179.003	PRESSURE FILTER	1		
130.12.02-1	100	4181.112.050	OUTPUT COVER	1		
130.13.01-1	200	4181.113.005	BEARING UNIT	1		
130.13.80-1	210	4181.113.801	BEARING UNIT	1		
130.17.03-1	200	4181.117.020	PLANETARY GEAR	1		
130.E1.08-1	970	4181.191.011	CONNECTION	1		
130.C4.03-1	980	6006.341.036	PUSHBUTTON SWITCH	1		

Plant

Page 1 from 1

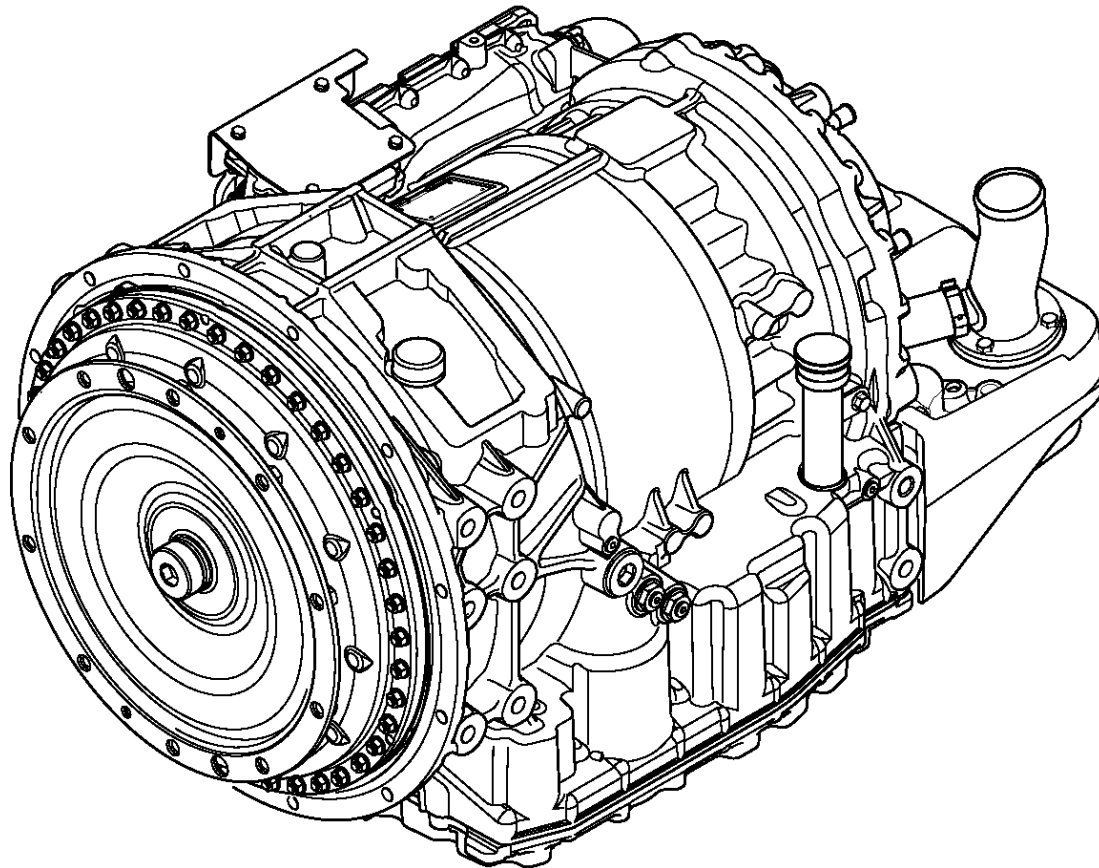
Material number: 4181.002.204

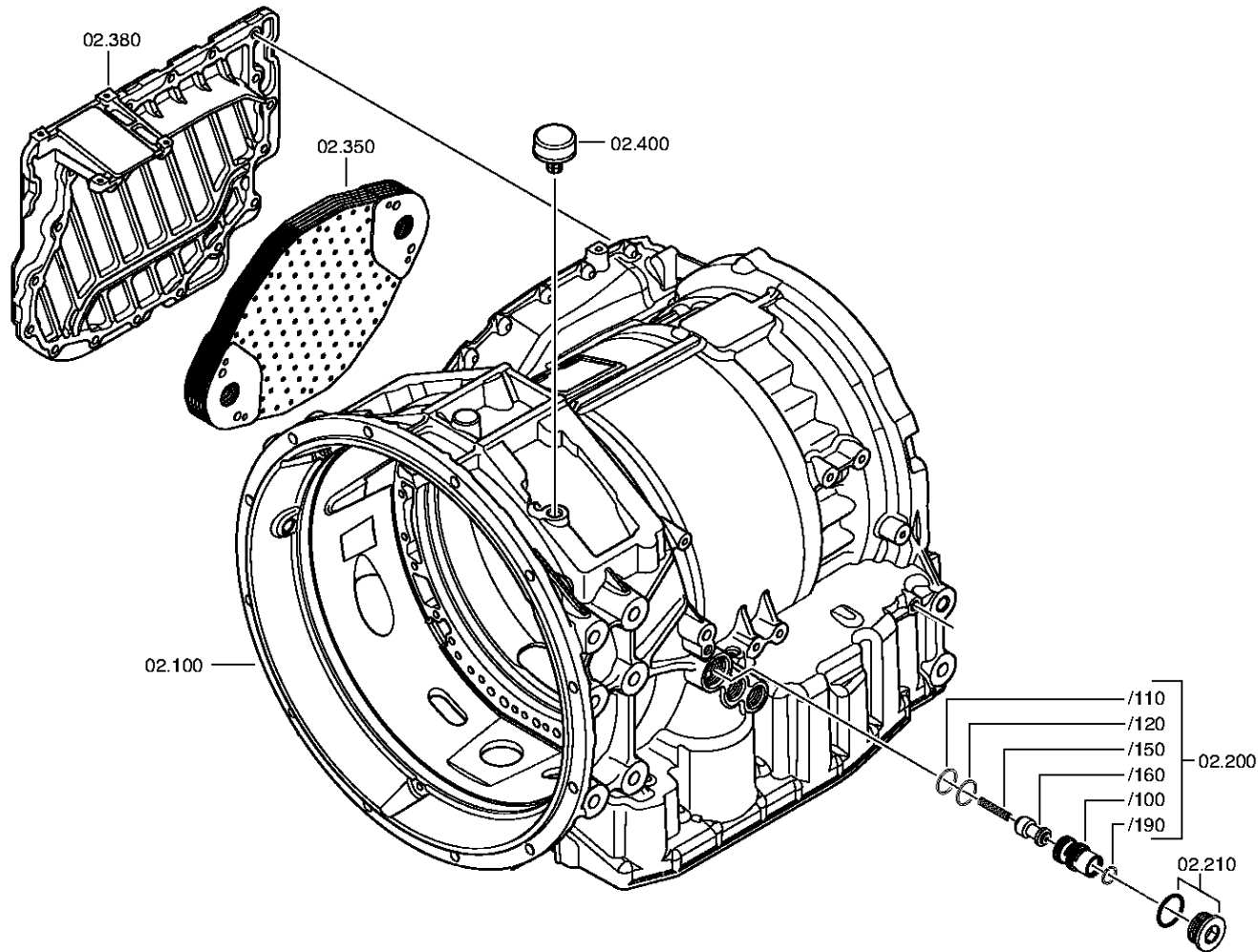
Plate: 130.A1.01-1

Material-assembly-group-no: 4181.040.106

ECOLIFE / NOVABUS

6 AP 1400 B





Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.02.01-1

Material-assembly-group-no: 4181.102.058



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.202.048		TRANSMISSION HOUSING	1			SEG.2+3*ROC-B *V4/2+H2*O-NA *SEP. OELMESSSTAB	0,000		
150	4181.102.850		CLOSING COMPONENTS	1			SEG.2+3 *PRUEFSTAND	0,000		
160	4181.102.805		CLOSING COMPONENTS	1			SEG.2+3 *MESSSTELLE D6/D8*M.VENTIL	0,000		
200	4181.205.007		BY-PASS VALVE	1			SEG.2+3 *GETR. GEHAEUSE *2BAR	0,000		
/100	4181.305.004		BUSH	1			BYPASSVENTIL *V2	0,000		
/110	0501.322.984		O-RING	1			26X2,0*FPMX295	0,000		
/120	0501.322.984		O-RING	1			26X2,0*FPMX295	0,000		
/150	0732.042.935		COMPRESSION SPRING	1				0,000		
/160	4181.305.005		PISTON	1			BYPASSVENTIL *V2	0,000		
/190	0630.513.120		SNAP RING	1				0,000		
210	---		SCREW PLUG	1		Z00010164114	115N.M*O-RING M36X1,5	0,000		
---	0636.100.478		SCREW PLUG	1		Z00010164116	M36X1,5	0,000		
---	0501.322.911		O-RING	1		Z00010164116	33X2,2*FPMX295	0,000		
300	4181.184.050		OIL TUBE	1			SEG.2+3*TOC *OEL- AUSLASS*GETR.GE* GEBOG	0,000		
310	4181.184.851		HEAT EXCHANGER	1			SEG.2+3*TOC * DICHTUNGSSATZ	0,000		
350	0501.217.916		OIL COOLER	1			SEG.2+3*TOC *FA.MODINE	0,000		
360	4181.184.801		HEAT EXCHANGER	1			SEG.2+3*TOC *M8X50	0,000		
380	4181.384.100		COVER	1		Z00022487310	SEG.2+3*TOC	0,000		
390	4181.184.822		COVER	1			SEG.2+3*TOC *M8X30	0,000		
400	0501.327.593		BREATHER	1		Z00009388610	SEG.2+3*SPRITZROHR MIT SINTERFILTER	0,000		
420	0636.100.228		SCREW PLUG	1		Z00004539910	M24X1,5	0,000		
500	4181.107.050		ACCUMULATOR	1			SEG.2+3	0,000		
510	4181.107.850		ACCUMULATOR	1			SEG.2+3 *M8X36	0,000		
600	4181.108.007		OIL TUBE	1			SEG.2+3*ROC-B/E1/E2 *ZULAUF	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.02.01-1

Material-assembly-group-no: 4181.102.058



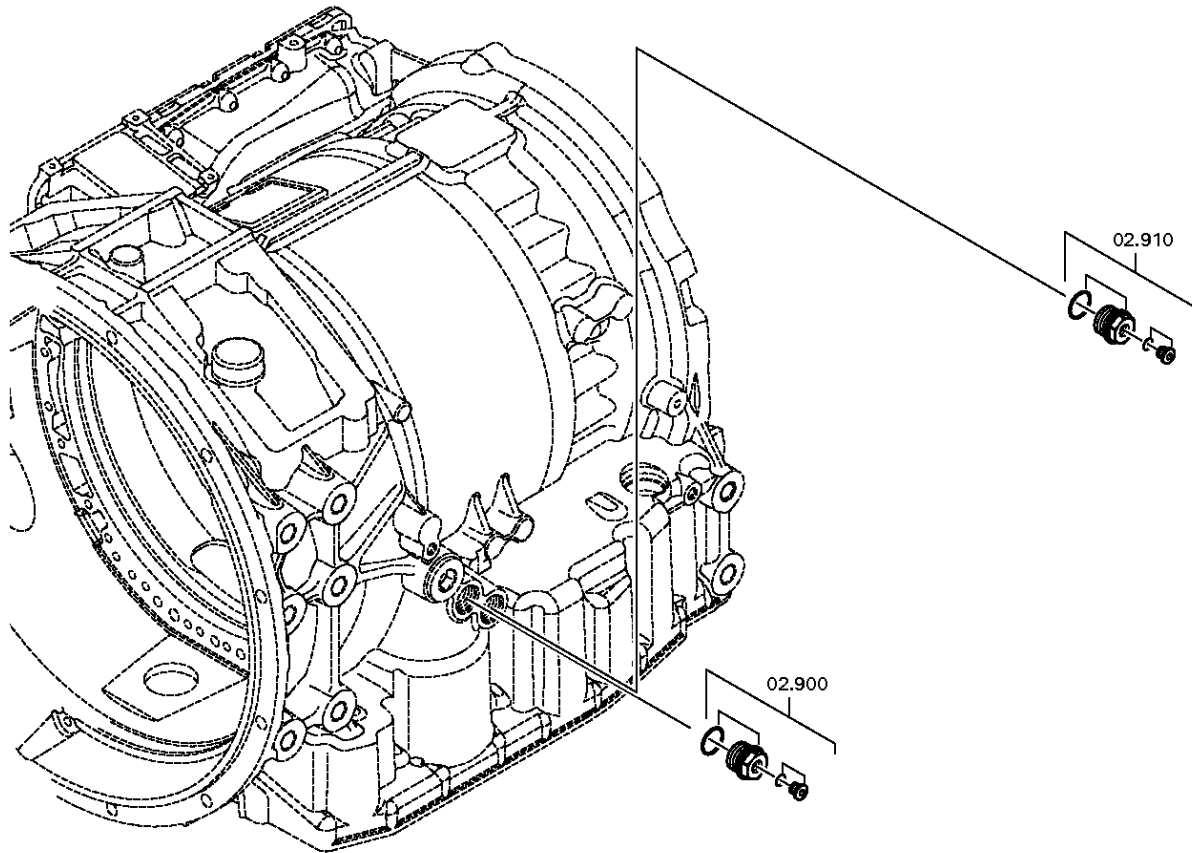
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
610	4181.108.803		OIL TUBE	1			SEG.2+3*ROC-B/E1/E2 *M8X28	0,000		
630	4181.108.054		MANIFOLD	1		Z00008914212	SEG.2+3*ROC-B *RUECKLAUF	0,000		
640	4181.108.850		MANIFOLD	1			SEG.2+3*ROC-B * RUECKLAUF*M8X36	0,000		
650	4181.108.051		OIL TUBE	1			SEG.2+3*ROC-B/E1/E2 *RUECKLAUF	0,000		
660	4181.108.854		OIL TUBE	1		Z00008914213	SEG.2+3*ROC-B * RUECKLAUF*M8X28	0,000		

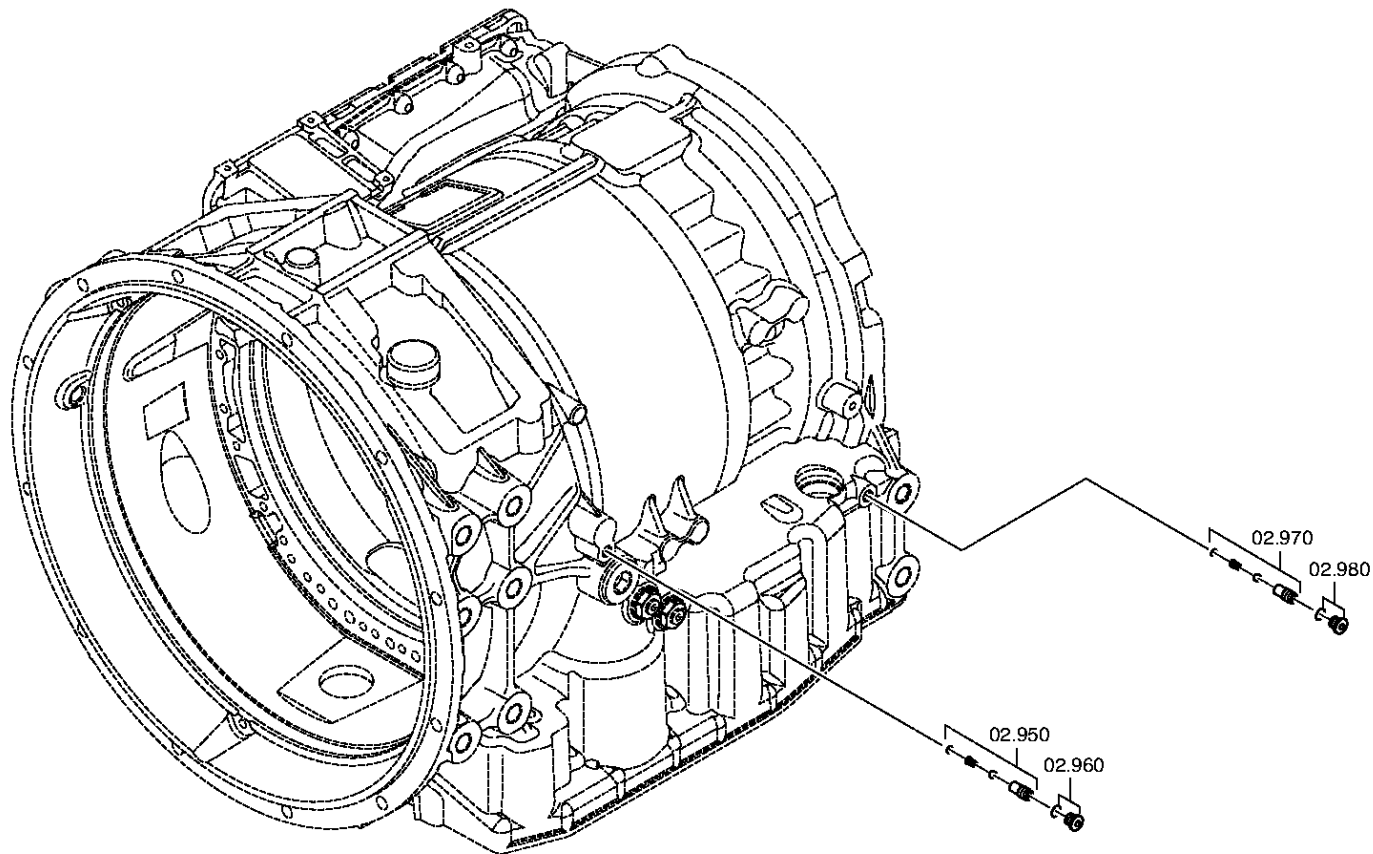
Plant

Page 1 from 2

Material number: 4181.002.204
Plate: 130.02.50-1
CLOSING COMPONENTS

ECOLIFE / NOVABUS
CLOSING COMPONENTS





Parts list

Page 1 from 1

Material number: 4181.002.204

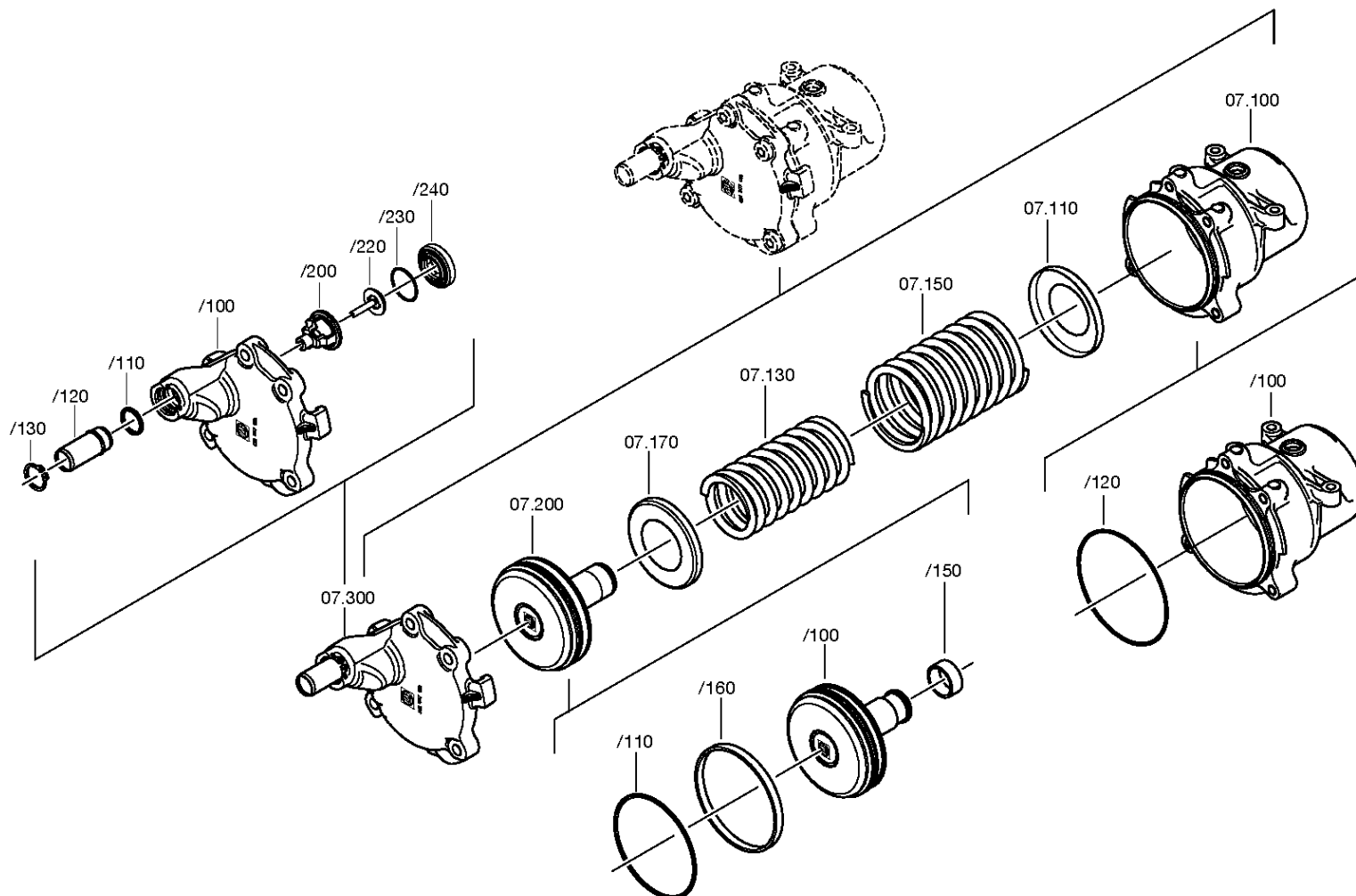
ECOLIFE / NOVABUS

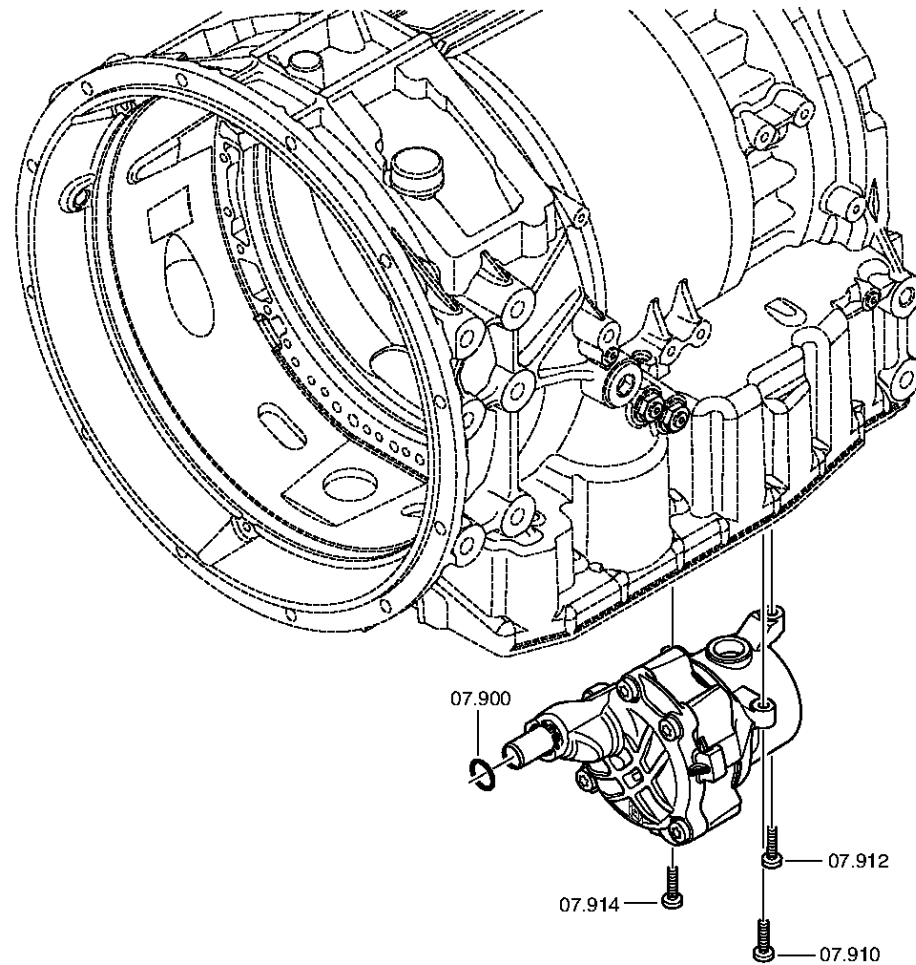
Plate: 130.02.50-1

Material-assembly-group-no: 4181.102.850



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	---		SCREW PLUG	1		Z00003834811	MESSANSCHLUSS*VENTIL *SEG.2+3*DRUCKG	0,000		
---	4181.202.055		SCREW PLUG	1		Z00017862510	SEG.2+3 * MESSANSCHLUSS	0,000		
/110	4181.302.057		SCREW PLUG	1			SEG.2+3 * MESSANSCHLUSS	0,000		
/250	---		SCREW PLUG	1			12N.M*O-RING*O-RINGE MX295 M10X1	0,000		
---	0636.100.793		SCREW PLUG	1		Z00010111617	M10X1	0,000		
---	0501.322.905		O-RING	1			8X1,5*FPMX295	0,000		
---	0501.322.904		O-RING	1		Z00003834811	23X2*FPMX295	0,000		
910	---		SCREW PLUG	1		Z00003834811	MESSANSCHLUSS*VENTIL *SEG.2+3*DRUCKG	0,000		
---	4181.202.055		SCREW PLUG	1		Z00017862510	SEG.2+3 * MESSANSCHLUSS	0,000		
/110	4181.302.057		SCREW PLUG	1			SEG.2+3 * MESSANSCHLUSS	0,000		
/250	---		SCREW PLUG	1			12N.M*O-RING*O-RINGE MX295 M10X1	0,000		
---	0636.100.793		SCREW PLUG	1		Z00010111617	M10X1	0,000		
---	0501.322.905		O-RING	1			8X1,5*FPMX295	0,000		
---	0501.322.904		O-RING	1		Z00003834811	23X2*FPMX295	0,000		
950	4139.201.419		VALVE	1			KPL.	0,000		
960	---		SCREW PLUG	1		Z00005317910	12N.M*O-RING*O-RINGE MX295 M10X1	0,000		
---	0636.100.793		SCREW PLUG	1		Z00010111617	M10X1	0,000		
---	0501.322.905		O-RING	1			8X1,5*FPMX295	0,000		
970	4139.201.419		VALVE	1			KPL.	0,000		
980	---		SCREW PLUG	1		Z00005317910	12N.M*O-RING*O-RINGE MX295 M10X1	0,000		
---	0636.100.793		SCREW PLUG	1		Z00010111617	M10X1	0,000		
---	0501.322.905		O-RING	1			8X1,5*FPMX295	0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.07.02-1

Material-assembly-group-no: 4181.107.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.207.017		CYLINDER	1		Z00001439610	KPL.RET.SPEICHER* LIEGEND *DRUCKG* SCHR.AUGEN	0,000		
/100	4181.307.031		CYLINDER	1			RET.SPEICHER*LIEGEND * DRUCKG*SCHR.AUGEN	0,000		
/120	0501.322.935		O-RING	1			115X2,5*FPMX295	0,000		
110	4181.307.024		FIXING PLATE	1		Z00001439610	RET.SPEICHER*LIEGEND UMGEFORMT	0,000		
130	0732.042.968		COMPRESSION SPRING	1		Z00001439610		0,000		
150	0732.042.969		COMPRESSION SPRING	1		Z00001439610		0,000		
170	4181.307.024		FIXING PLATE	1		Z00001439610	RET.SPEICHER*LIEGEND UMGEFORMT	0,000		
200	4181.207.007		PISTON	1		Z00001439610	KPL.RET.SPEICHER* LIEGEND *DG	0,000		
/100	4181.307.012		PISTON	1			RET.SPEICHER	0,000		
/110	0501.324.121		SEALING RING	1		C01007933F10	A*RETARDER SPEICHER	0,000		
/150	0730.113.402		GUIDE RING	1				0,000		
/160	0730.113.403		GUIDE RING	1				0,000		
300	4181.207.008		COVER	1		Z00001439610	KPL.RET.SPEICHER* LIEGEND *DG	0,000		
310	4181.107.803		COVER	1		Z00001439610	M10X50*RET.SPEICHER	0,000		
900	0501.322.913		O-RING	1			24X3*FPMX295	0,000		
910	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
912	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
914	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		

Plant

Page 1 from 1

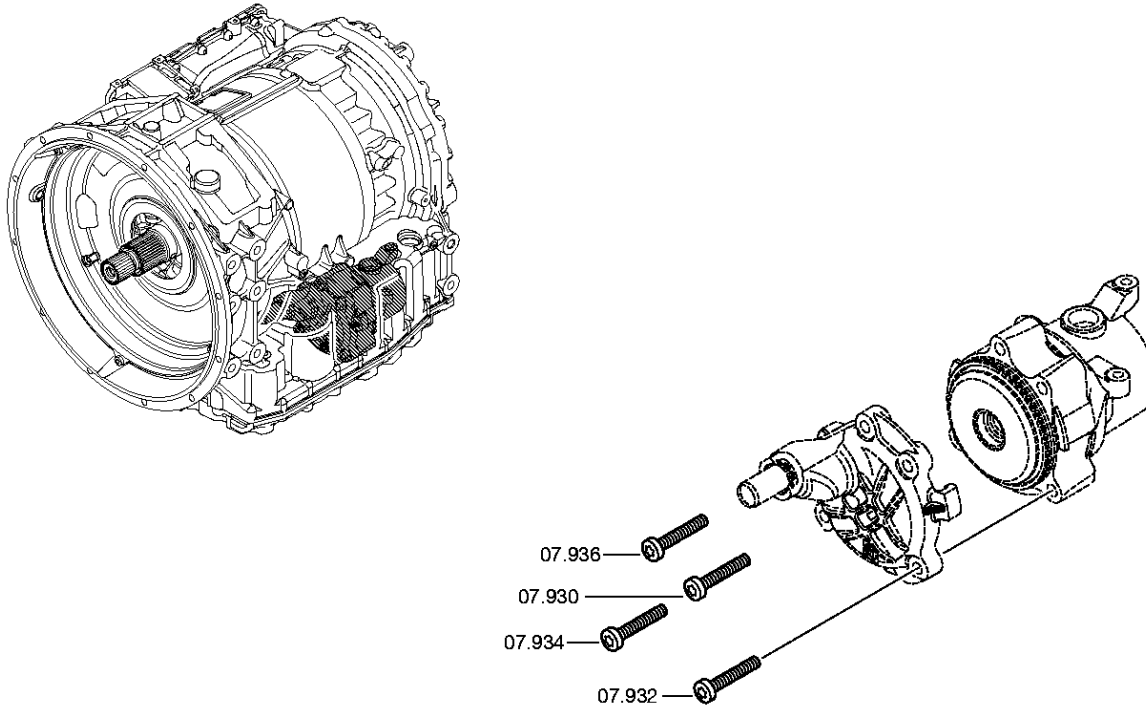
Material number: 4181.002.204

Plate: 130.07.50-1

Material-assembly-group-no: 4181.107.803

ECOLIFE / NOVABUS

COVER



Parts list

Page 1 from 1

Material number: 4181.002.204

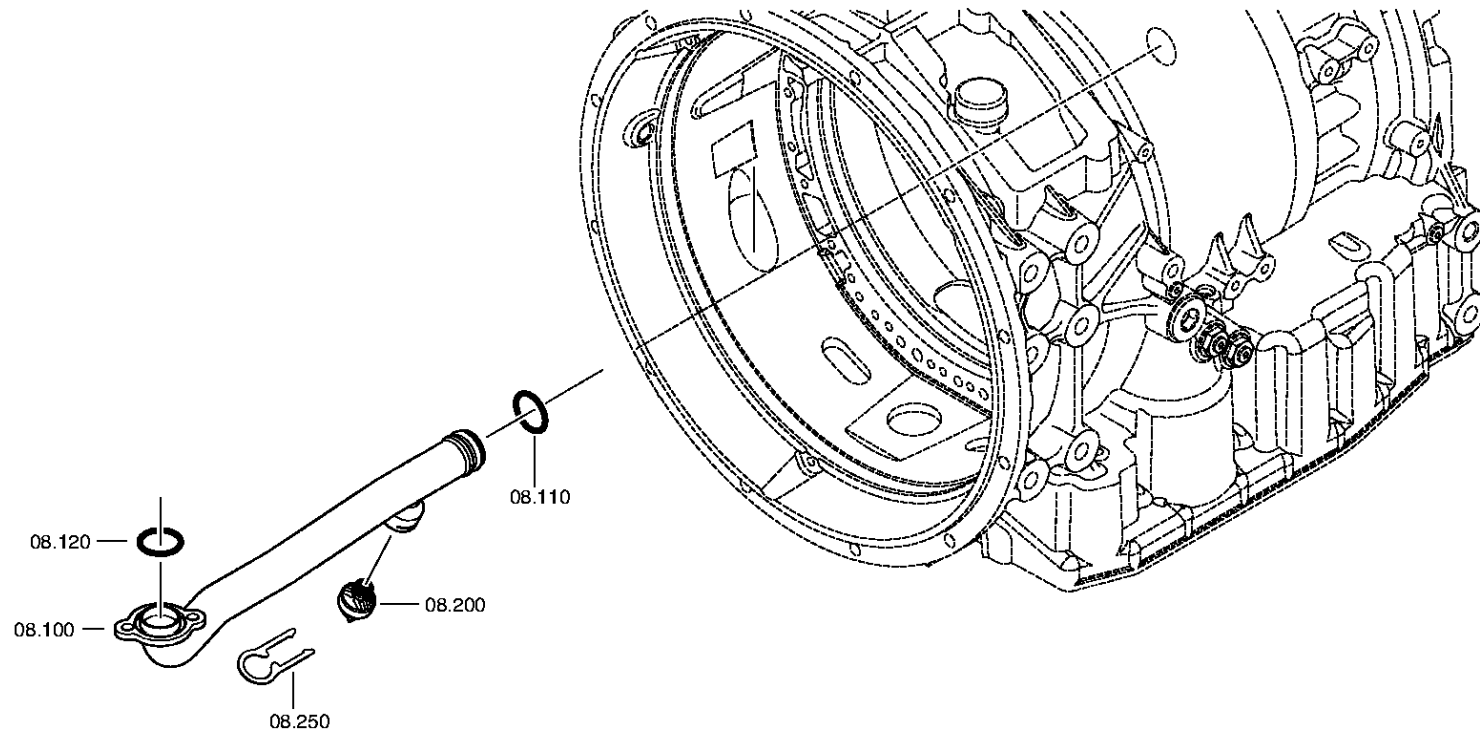
ECOLIFE / NOVABUS

Plate: 130.07.50-1

Material-assembly-group-no: 4181.107.803



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
930	0736.300.214		HEXALOBULAR DRIVING SCREW	1		Z00009174010	M10X50	0,000		
932	0736.300.214		HEXALOBULAR DRIVING SCREW	1		Z00009174010	M10X50	0,000		
934	0736.300.214		HEXALOBULAR DRIVING SCREW	1		Z00009174010	M10X50	0,000		
936	0736.300.214		HEXALOBULAR DRIVING SCREW	1		Z00009174010	M10X50	0,000		

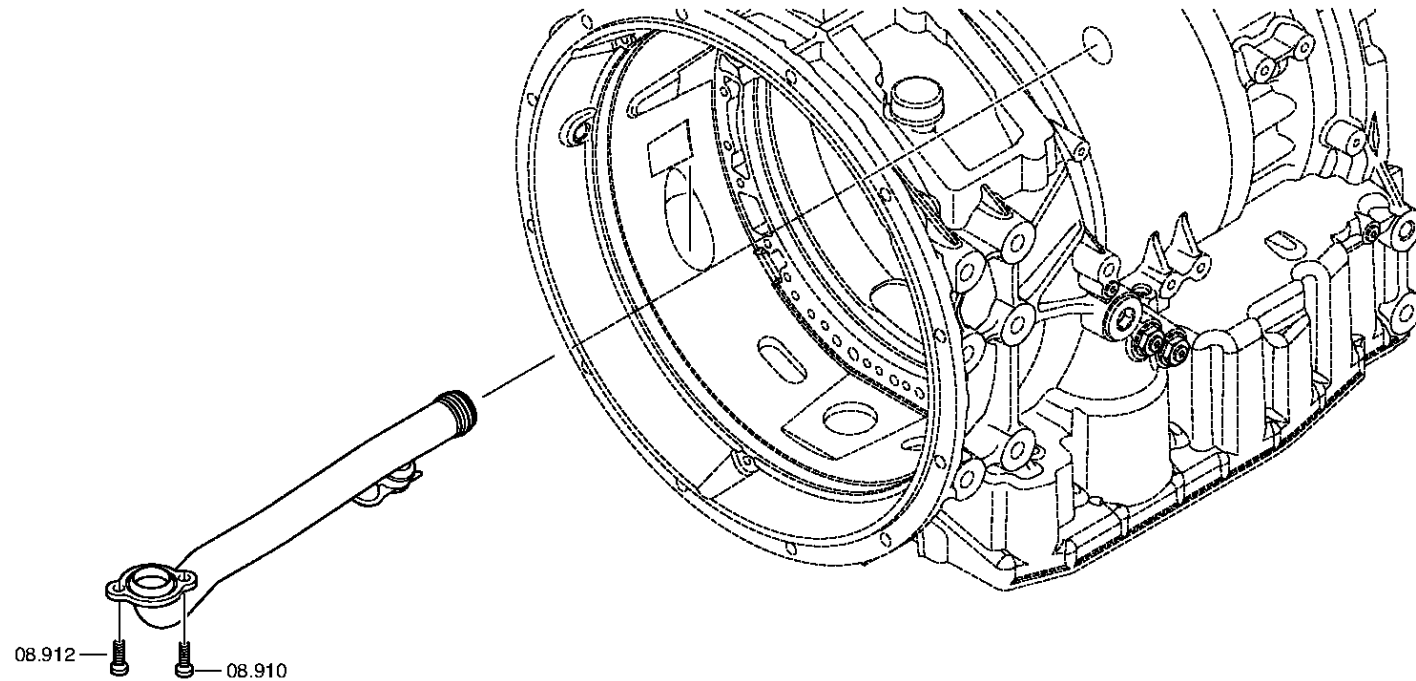


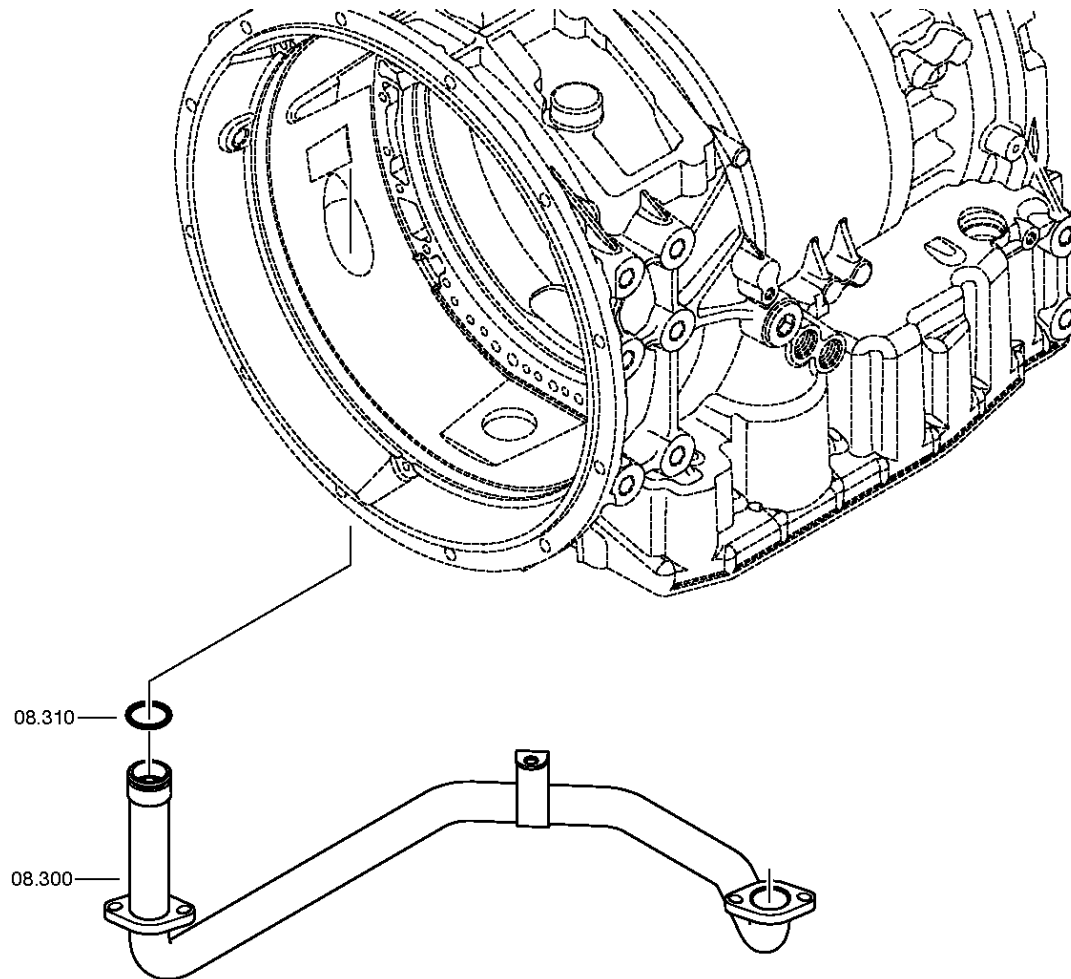
Plant

Page 2 from 3

Material number: 4181.002.204
Plate: 130.08.80-1
OIL TUBE

ECOLIFE / NOVABUS
OIL TUBE





Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.08.01-1

Material-assembly-group-no: 4181.108.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.290.025		OIL TUBE	1		C01006811F10	KPL.WT*ROC*ZULAUF* GETR.GE *TRICHTER VERSTAERKT	0,000		
110	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
120	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
200	0501.216.222		TEMPSENSOR	1		C01006771F10	KPL.	0,000		
250	4181.308.017		RETAINING CLIP	1			TEMPERATURGEBER *V2	0,000		
300	4181.290.024		OIL TUBE	1			KPL.WT*ROC*RUECKLAUF	0,000		
310	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
910	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
912	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		

Plant

Page 1 from 1

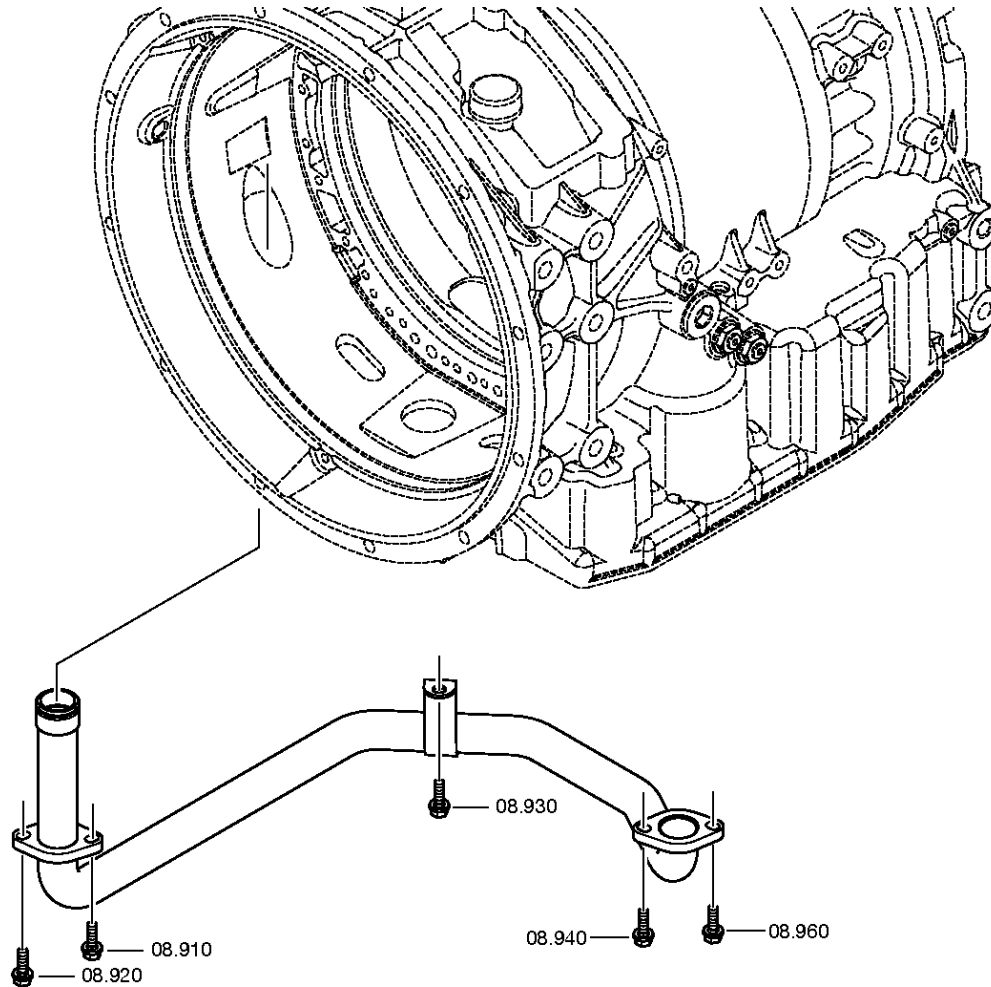
Material number: 4181.002.204

Plate: 130.09.81-1

Material-assembly-group-no: 4181.108.854

ECOLIFE / NOVABUS

OIL TUBE



Parts list

Page 1 from 1

Material number: 4181.002.204

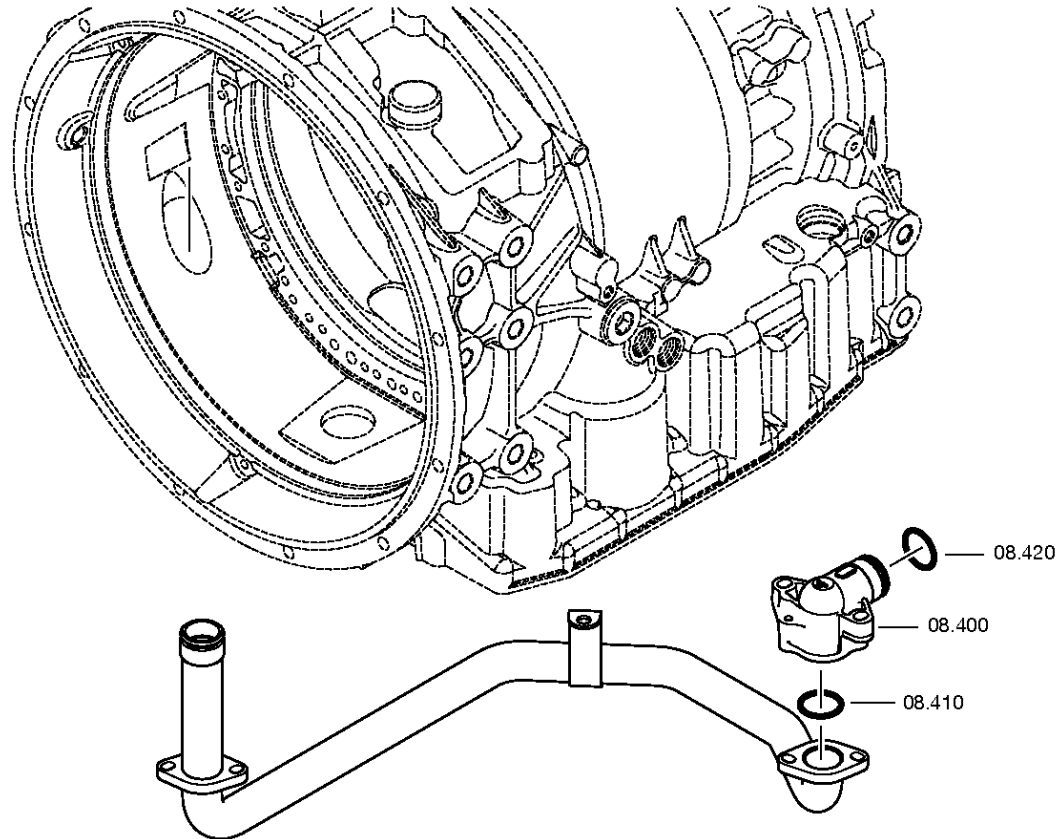
ECOLIFE / NOVABUS

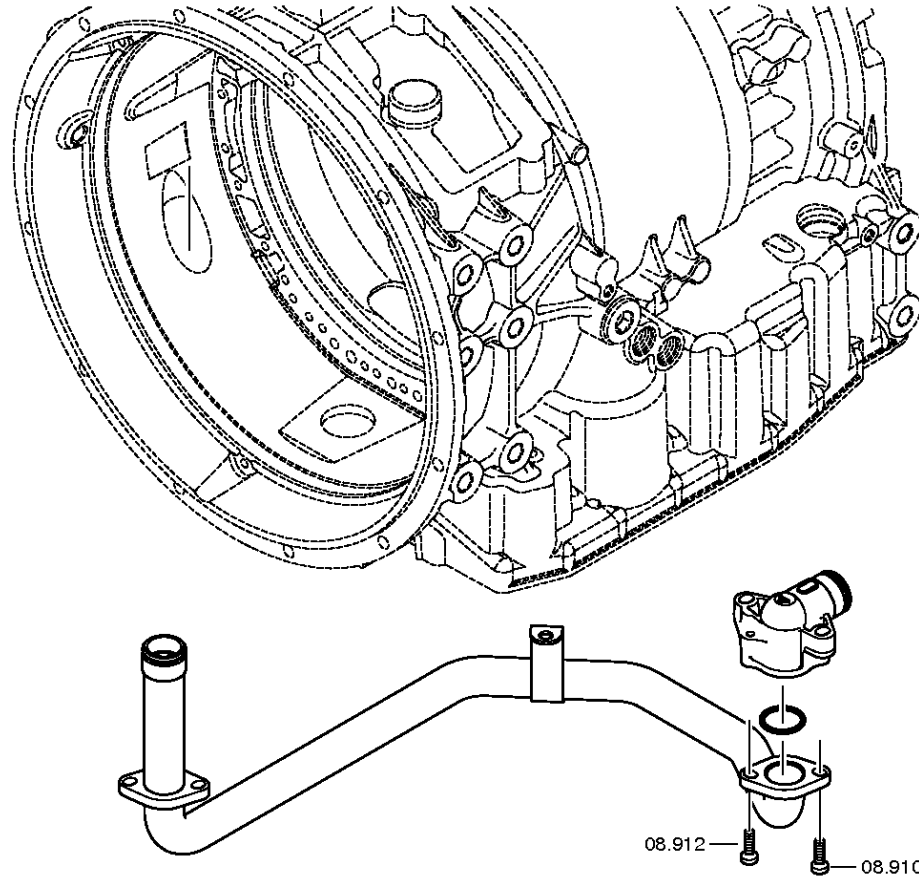
Plate: 130.09.81-1

Material-assembly-group-no: 4181.108.854



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.533		HEXALOBULAR DRIVING SCREW	1		Z00010898510	M8X28	0,000		
920	0736.300.533		HEXALOBULAR DRIVING SCREW	1		Z00010898510	M8X28	0,000		
930	0736.300.533		HEXALOBULAR DRIVING SCREW	1		Z00010898510	M8X28	0,000		
940	0736.300.533		HEXALOBULAR DRIVING SCREW	1		Z00010898510	M8X28	0,000		
960	0736.300.533		HEXALOBULAR DRIVING SCREW	1		Z00010898510	M8X28	0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.19.01-1

Material-assembly-group-no: 4181.108.054



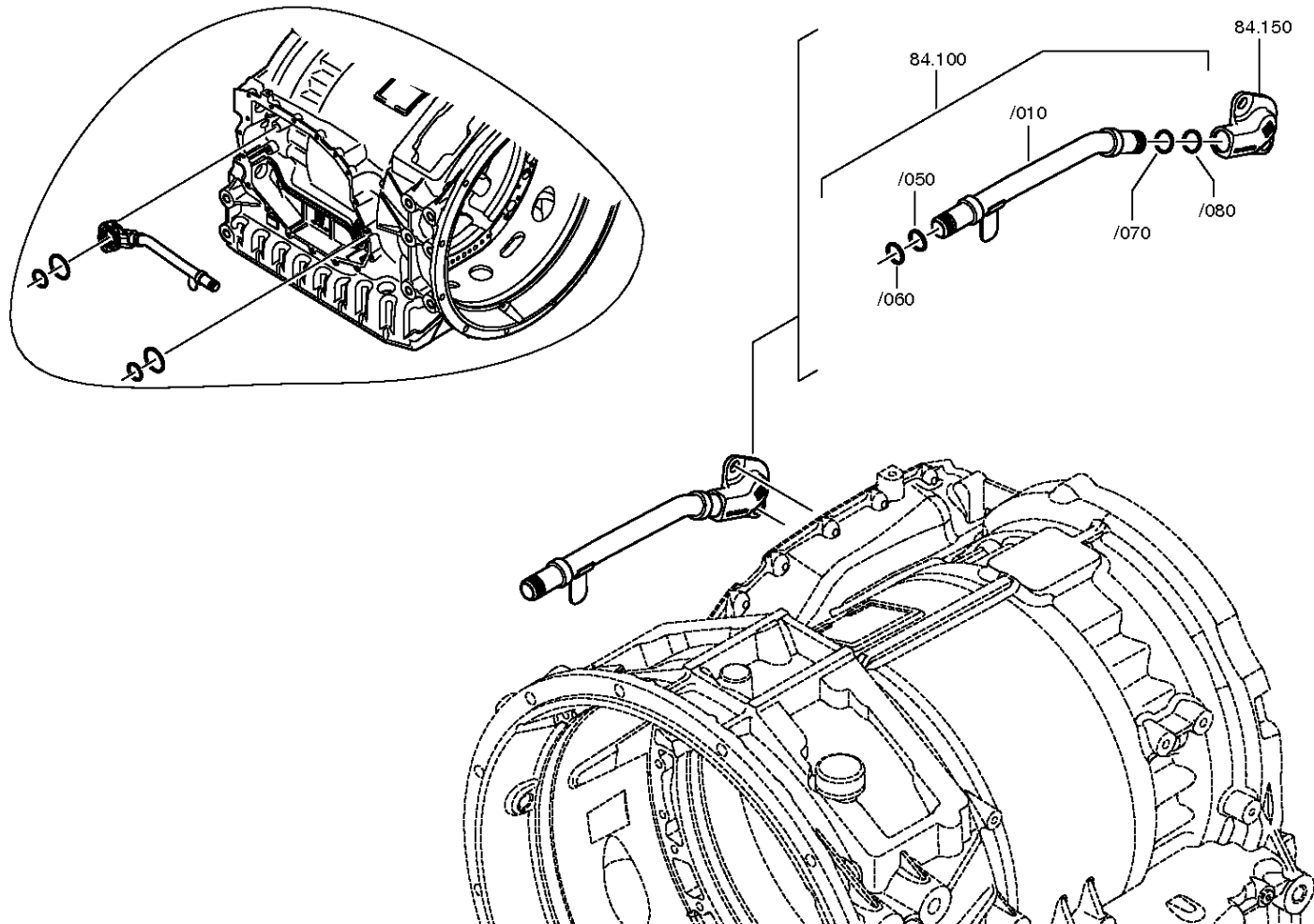
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
400	4181.308.038		MANIFOLD	1		Z00008914210	SEG.2+3*ROC-B* RUECKLAUF	0,000		
410	0501.324.927		O-RING	1		Z00008914210	41X3,5*FPM MX295	0,000		
420	0501.322.980		O-RING	1		Z00008914210	33X3,5*75FPM606	0,000		
910	0736.300.200		HEXALOBULAR DRIVING SCREW	1		Z00009198810	M8X36 M8X36	0,000		
912	0736.300.200		HEXALOBULAR DRIVING SCREW	1		Z00009198810	M8X36 M8X36	0,000		

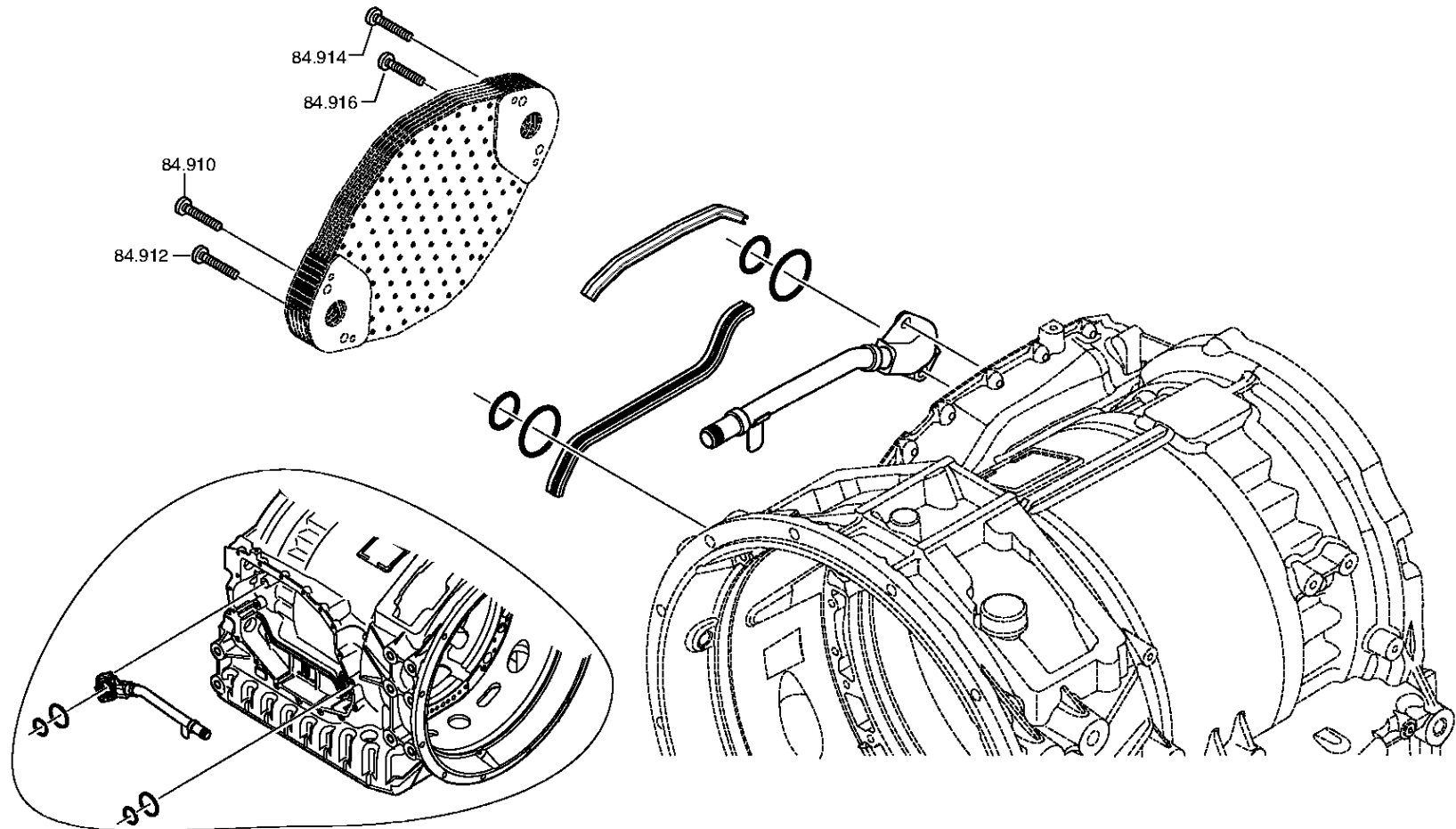
Plant

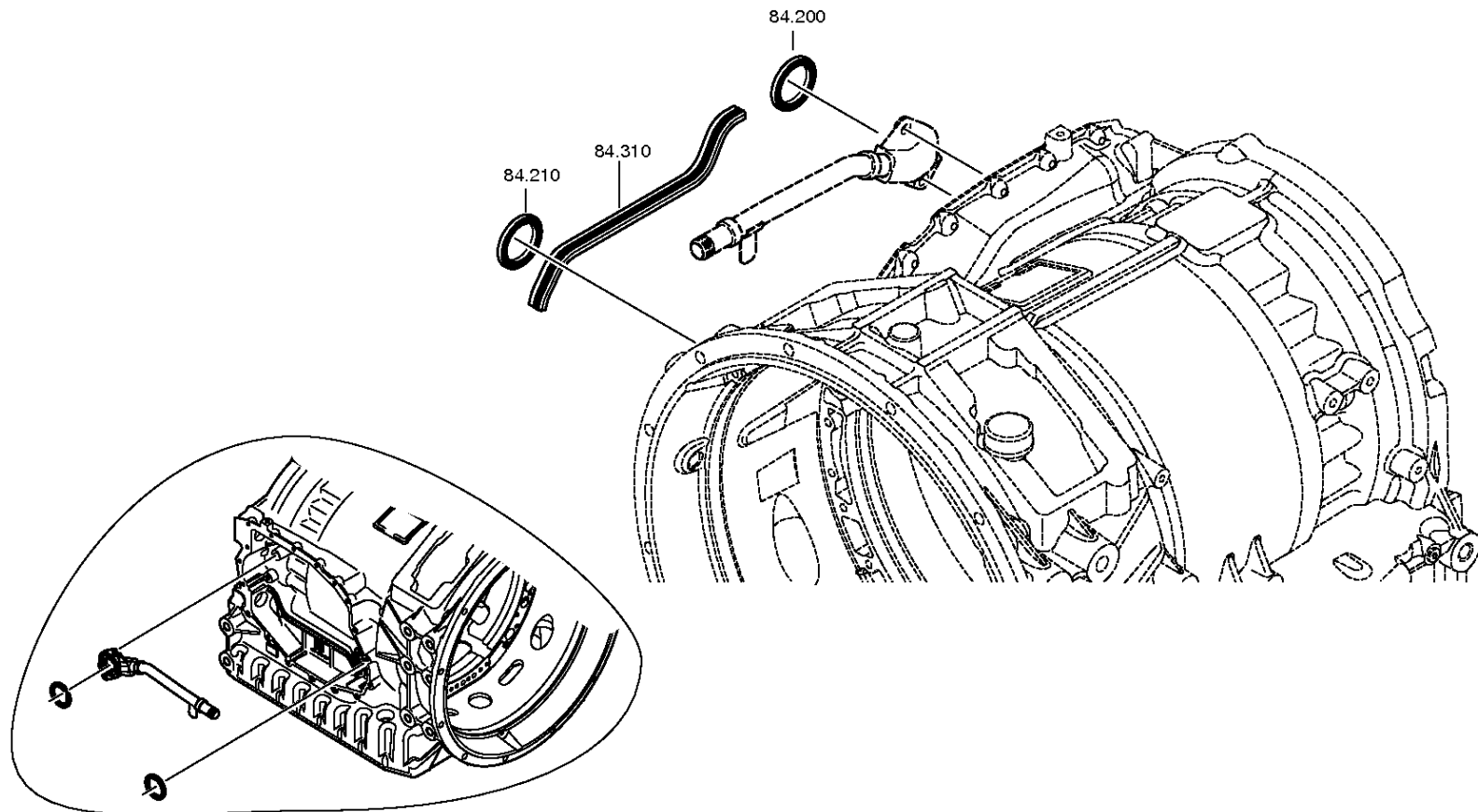
Page 1 from 3

Material number: 4181.002.204
Plate: 130.84.03-1
OIL TUBE

**ECOLIFE / NOVABUS
OIL TUBE**







Parts list

Page 1 from 1

Material number: 4181.002.204

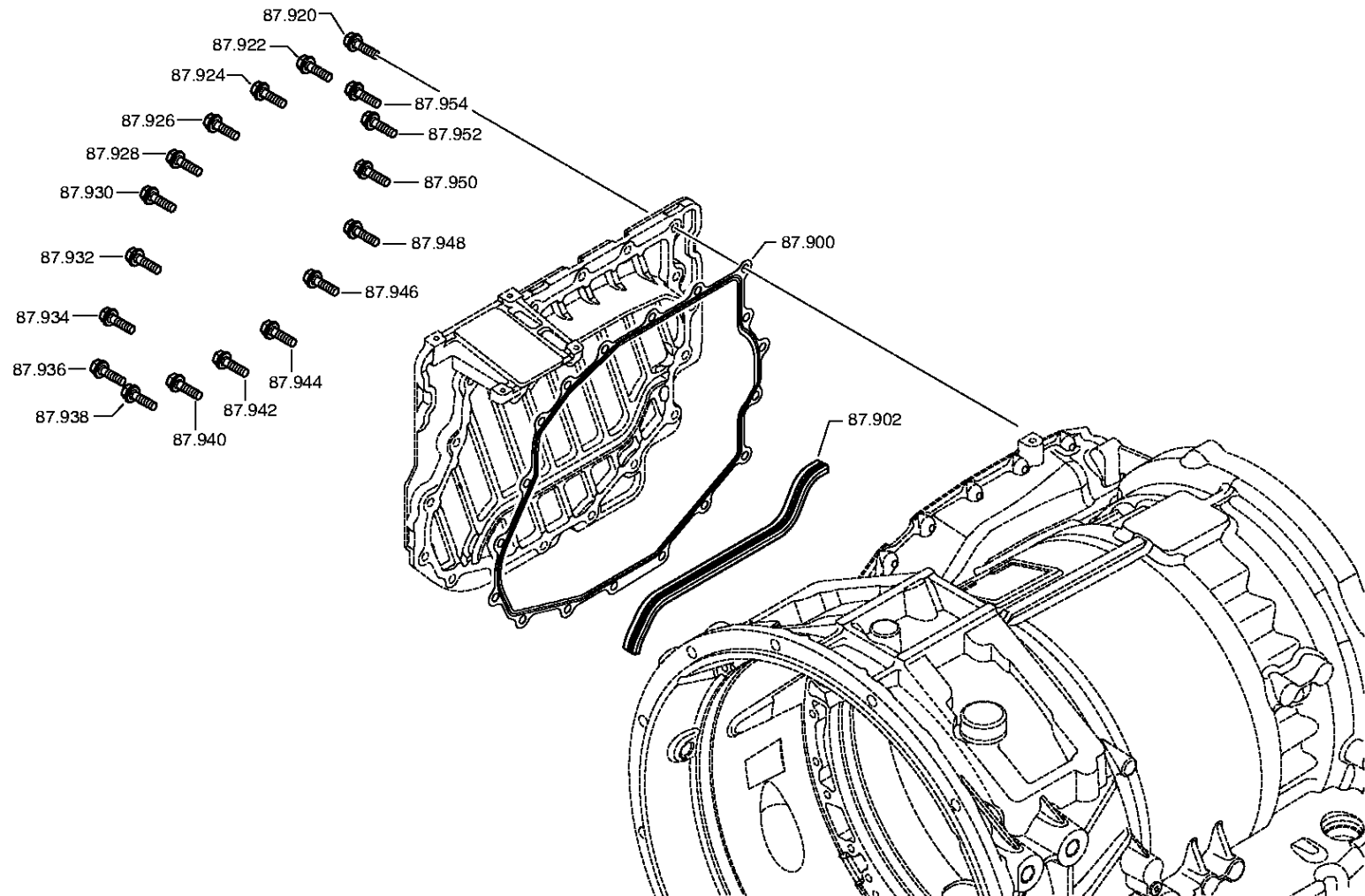
ECOLIFE / NOVABUS

Plate: 130.84.03-1

Material-assembly-group-no: 4181.184.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.284.022		TUBE	1			KPL.WT*TOC*OEL-AUSLASS *GEBOGEN* MX295	0,000		
/10	4181.299.003		TUBE	1			KPL.WT*TOC*OEL-AUSLASS *V2.0*GEBOGEN	0,000		
/50	0501.322.912		O-RING	1			17X2*FPMX295	0,000		
/60	0501.322.912		O-RING	1			17X2*FPMX295	0,000		
/70	0501.322.912		O-RING	1			17X2*FPMX295	0,000		
/80	0501.322.912		O-RING	1			17X2*FPMX295	0,000		
150	4181.384.070		CONNECTING SOCKET	1			WT*TOC*OEL-AUSLASS *DRUCKG	0,000		
200	0501.326.758		PROFILE SEALING RING	1		Z00004902410	43,7X54,4X5,3	0,000		
210	0501.326.758		PROFILE SEALING RING	1		Z00004902410	43,7X54,4X5,3	0,000		
310	0501.322.847		GASKET	1				0,000		
910	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
912	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
914	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
916	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

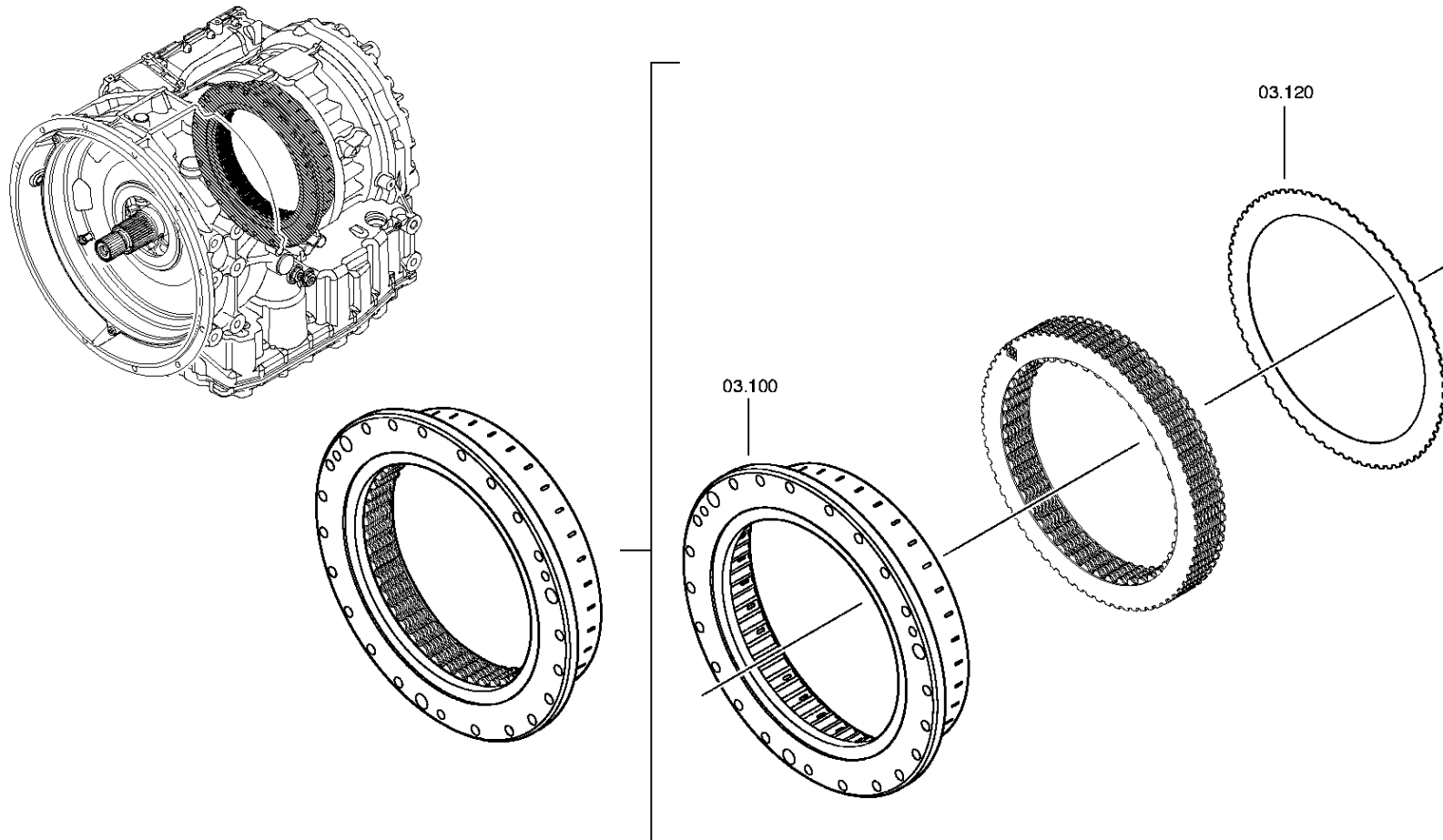
ECOLIFE / NOVABUS

Plate: 130.87.80-1

Material-assembly-group-no: 4181.184.822



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	0501.324.263		GASKET	1		C01006490F10	WT*TOC	0,000		
902	0501.322.847		GASKET	1				0,000		
920	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
922	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
924	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
926	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
928	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
930	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
932	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
934	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
936	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
938	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
940	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
942	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
944	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
946	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
948	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
950	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
952	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
954	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		

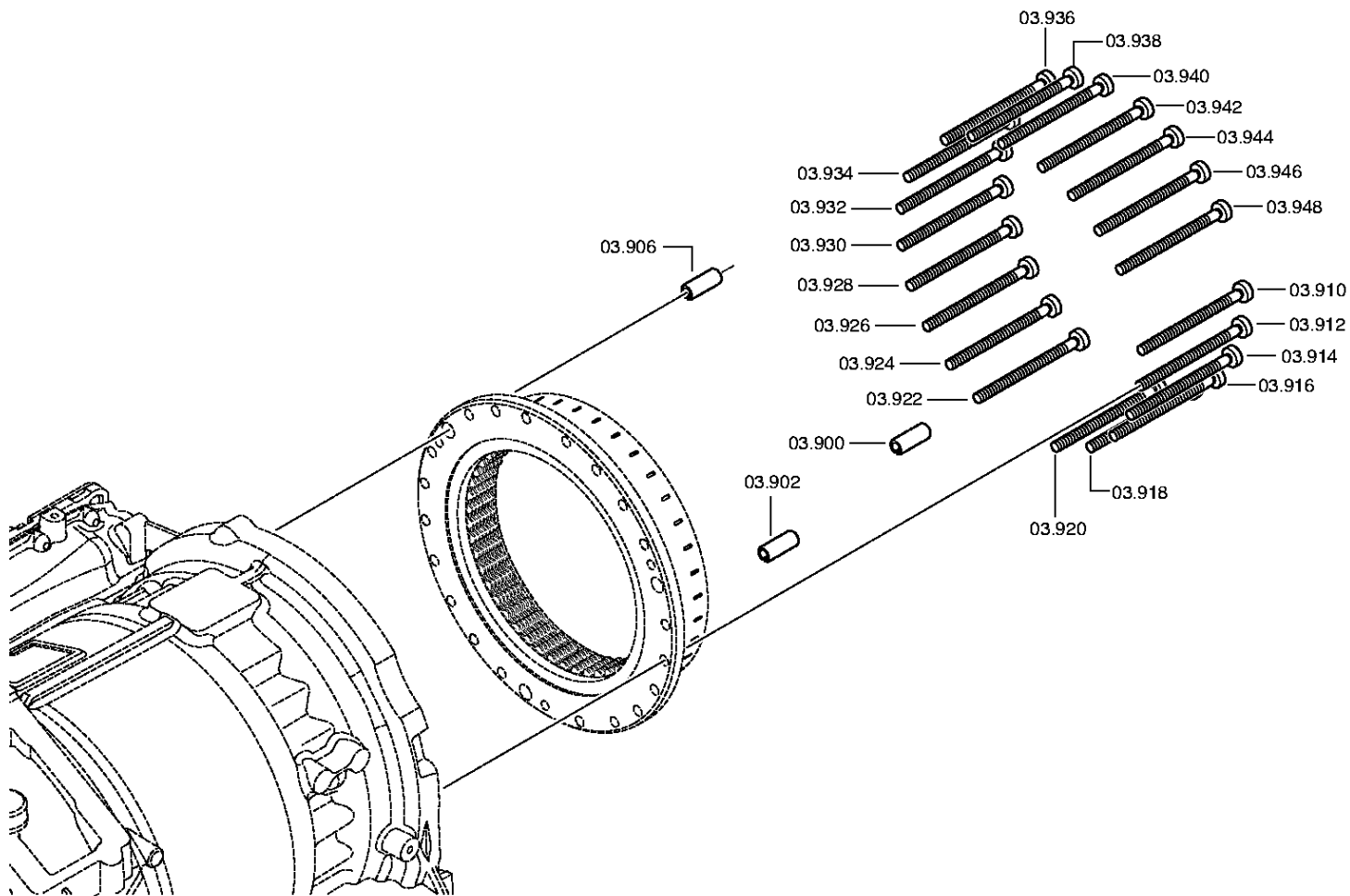


Plant

Page 2 from 2

Material number: 4181.002.204
Plate: 130.03.80-1
BRAKE F

ECOLIFE / NOVABUS
BRAKE F



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.03.01-1

Material-assembly-group-no: 4181.103.005



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.290.016		DISC CARRIER	1			KPL.BREMSE F *SEG2+3* V2.1*EB*NITRIERT	0,000		
110	4181.128.011		MULTIDISK PACKAGE	1			ST*10-E*12-B-D-E*14-B-F *SO*12-B-D-E-F*14-B*	0,000		
120	4181.303.032		WAVE SPRING	1			BREMSE F	0,000		
900	0501.321.982		SLOTTED PIN	1				0,000		
902	0501.321.982		SLOTTED PIN	1				0,000		
906	0501.321.982		SLOTTED PIN	1				0,000		
910	0736.300.568		CAP SCREW	1			M10X135	0,000		
912	0736.300.568		CAP SCREW	1			M10X135	0,000		
914	0736.300.568		CAP SCREW	1			M10X135	0,000		
916	0736.300.568		CAP SCREW	1			M10X135	0,000		
918	0736.300.568		CAP SCREW	1			M10X135	0,000		
920	0736.300.568		CAP SCREW	1			M10X135	0,000		
922	0736.300.568		CAP SCREW	1			M10X135	0,000		
924	0736.300.568		CAP SCREW	1			M10X135	0,000		
926	0736.300.568		CAP SCREW	1			M10X135	0,000		
928	0736.300.568		CAP SCREW	1			M10X135	0,000		
930	0736.300.568		CAP SCREW	1			M10X135	0,000		
932	0736.300.568		CAP SCREW	1			M10X135	0,000		
934	0736.300.568		CAP SCREW	1			M10X135	0,000		
936	0736.300.568		CAP SCREW	1			M10X135	0,000		
938	0736.300.568		CAP SCREW	1			M10X135	0,000		
940	0736.300.568		CAP SCREW	1			M10X135	0,000		
942	0736.300.568		CAP SCREW	1			M10X135	0,000		
944	0736.300.568		CAP SCREW	1			M10X135	0,000		
946	0736.300.568		CAP SCREW	1			M10X135	0,000		
948	0736.300.568		CAP SCREW	1			M10X135	0,000		

Plant

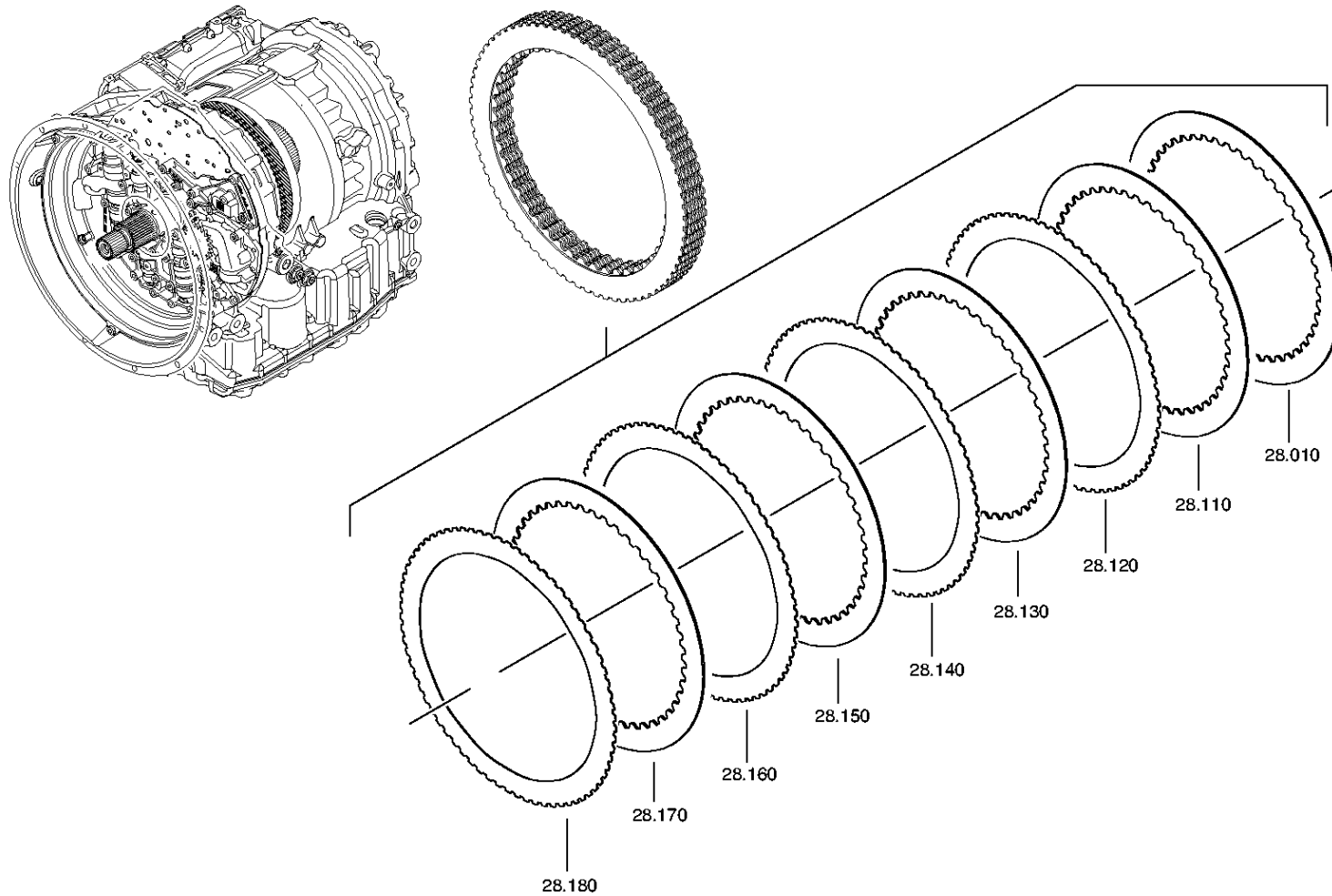
Page 1 from 1

Material number: 4181.002.204

Plate: 130.31.04-1

Material-assembly-group-no: 4181.128.011

ECOLIFE / NOVABUS
MULTIDISK PACKAGE



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.31.04-1

Material-assembly-group-no: 4181.128.011



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	---		END DISC	1		Z00007878710	H= 1,40- 2,34 B/D/F	0,000		
---	4181.328.015		END DISC	1		Z00006136412	A=2,34 *B/D/E/F	0,000		
---	4181.328.016		END DISC	1		Z00006136412	A=1,90 *B/D/E/F	0,000		
---	4181.328.017		END DISC	1		Z00006136412	A=1,40 *B/D/E/F	0,000		
110	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
120	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
130	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
140	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
150	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
160	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
170	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
180	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		

Plant

Page 1 from 1

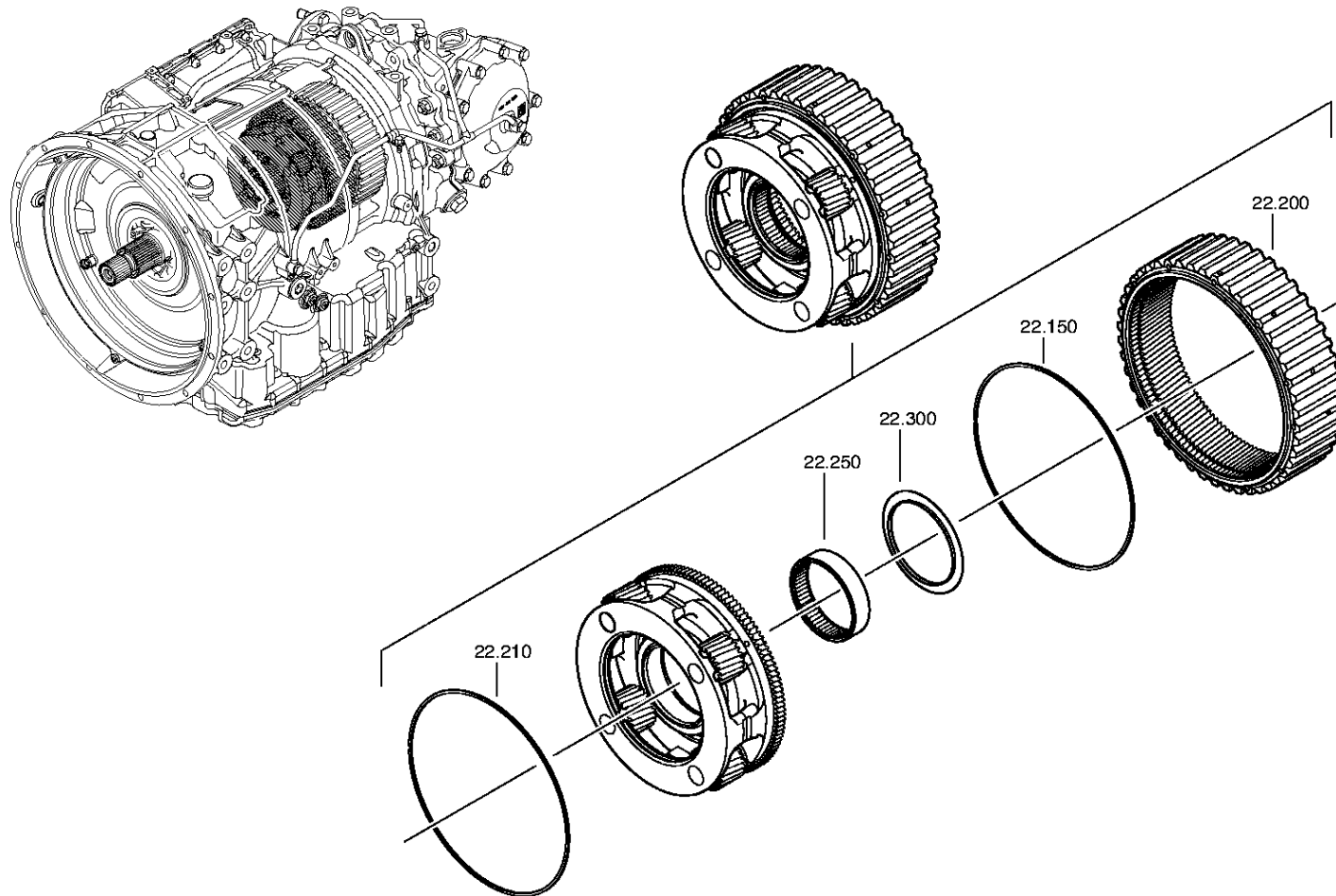
Material number: 4181.002.204

Plate: 130.22.01-1

Material-assembly-group-no: 4181.122.007

ECOLIFE / NOVABUS

PLANETARY DRIVE



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.22.01-1

Material-assembly-group-no: 4181.122.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.125.011		PLANET CARRIER	1			SATZ1 *SEG2*V2.2* GESCHMIEDET	0,000		
150	0730.501.734		RETAINING RING	1			A=2,00	0,000		
200	4181.322.016		RING GEAR	1			SATZ2*V2-2	0,000		
210	0730.501.734		RETAINING RING	1			A=2,00	0,000		
250	0735.298.323		NEEDLE SLEEVE	1			79,0X86,0X20,0 FA.INA	0,000		
300	0501.321.433		ANGLE DISC	1			PL.TRIEB SATZ	0,000		

Plant

Page 1 from 1

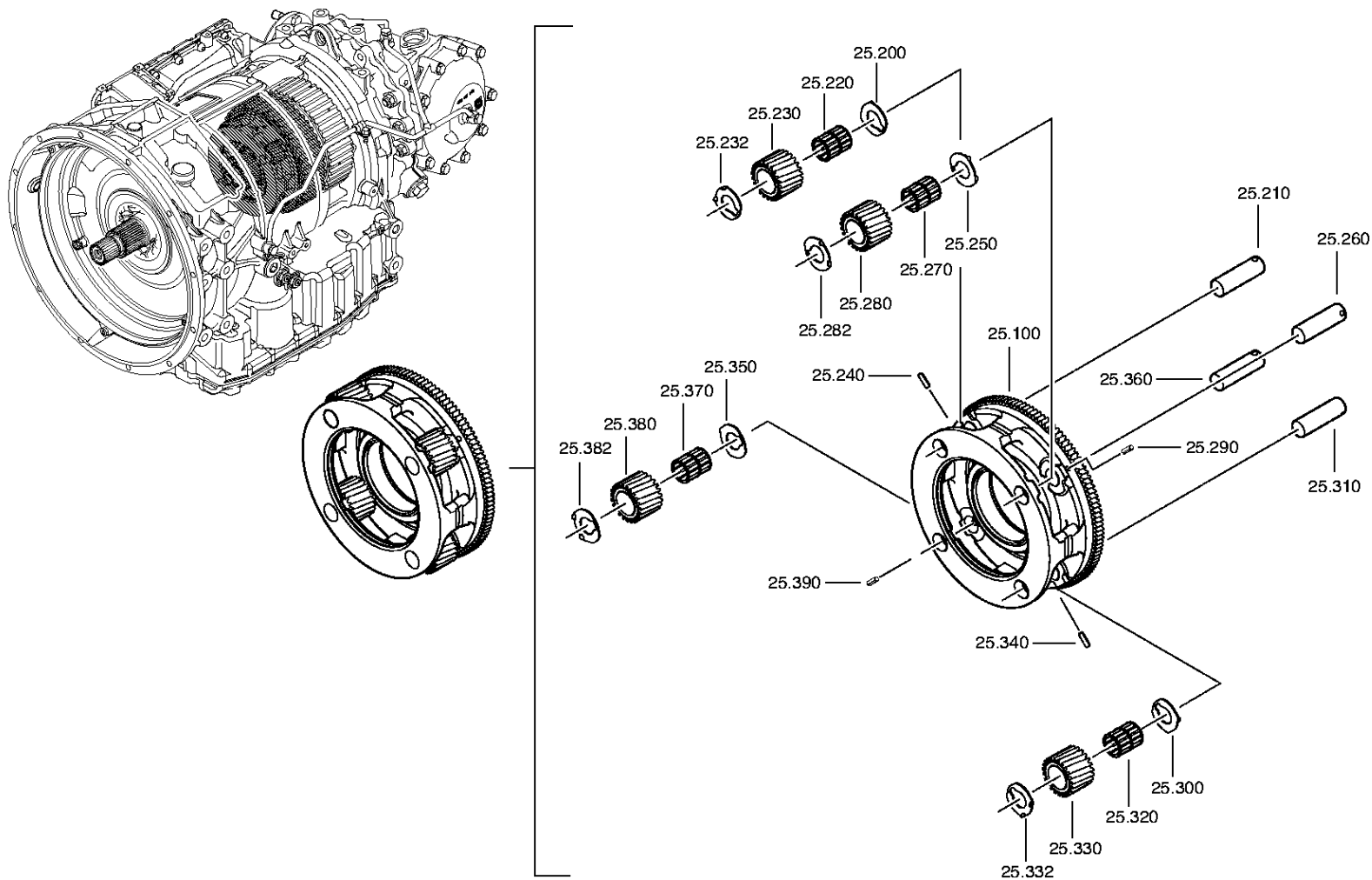
Material number: 4181.002.204

Plate: 130.25.03-1

Material-assembly-group-no: 4181.125.011

ECOLIFE / NOVABUS

PLANET CARRIER



Parts list

Page 1 from 1

Material number: 4181.002.204

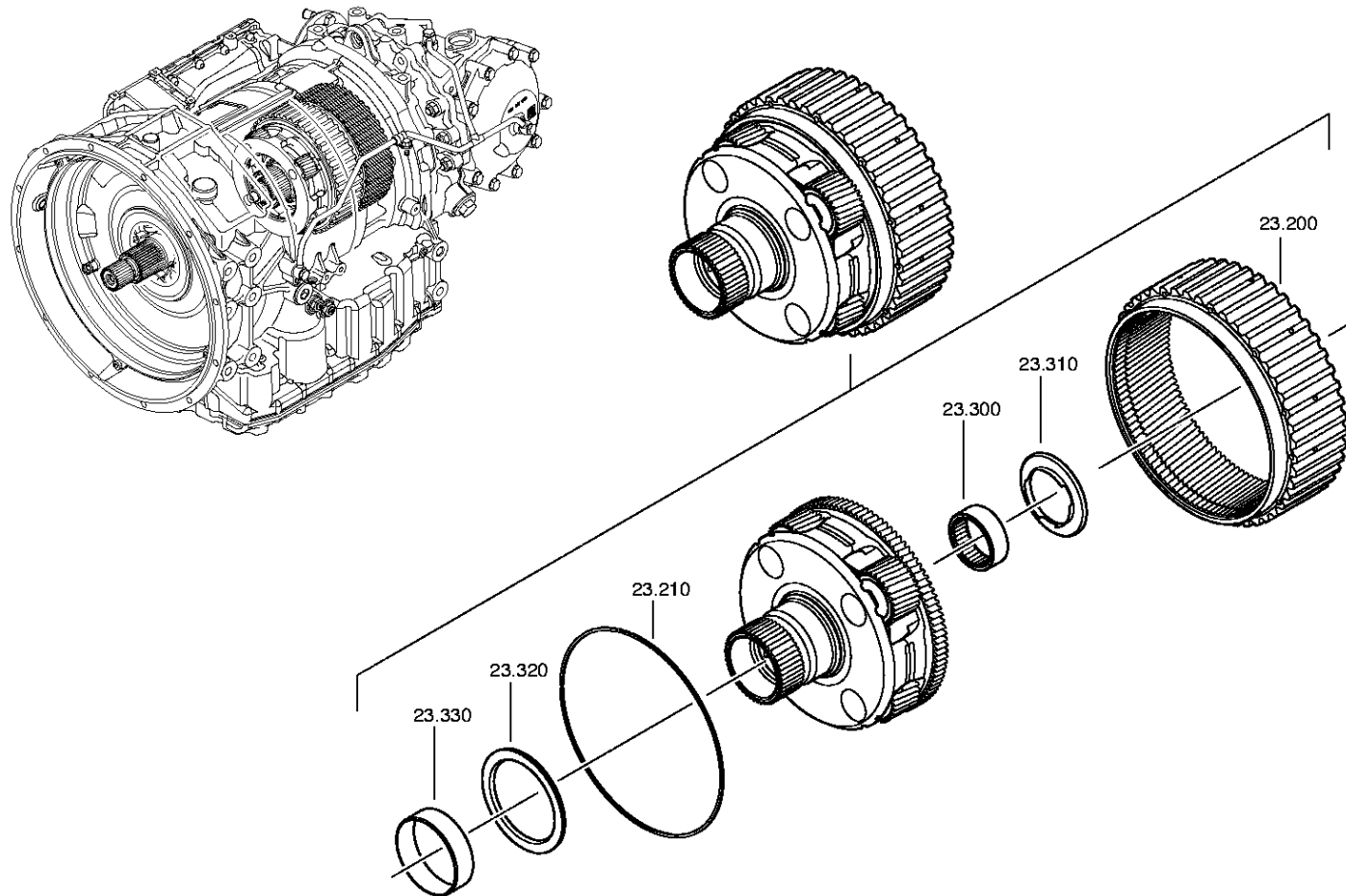
ECOLIFE / NOVABUS

Plate: 130.25.03-1

Material-assembly-group-no: 4181.125.011



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.292.017		PLANET CARRIER	1			KPL.SEG2*SATZ1*V2-2 *GESCHMIEDET	0,000		
200	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
210	4181.322.018		BEARING PIN	1		Z00004983810	CODIERBOHRUNG	0,000		
220	0735.321.565		NEEDLE CAGE	1			18,5X25,5X31,0 FA.INA	0,000		
230	4181.325.003		PLANETARY GEAR	1			SEG.2+3 *SATZ 1	0,000		
232	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
240	0631.329.046		SLOTTED PIN	1		Z00004983810	5X16	0,001		
250	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
260	4181.322.018		BEARING PIN	1		Z00004983810	CODIERBOHRUNG	0,000		
270	0735.321.565		NEEDLE CAGE	1			18,5X25,5X31,0 FA.INA	0,000		
280	4181.325.003		PLANETARY GEAR	1			SEG.2+3 *SATZ 1	0,000		
282	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
290	0631.329.046		SLOTTED PIN	1		Z00004983810	5X16	0,001		
300	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
310	4181.322.018		BEARING PIN	1		Z00004983810	CODIERBOHRUNG	0,000		
320	0735.321.565		NEEDLE CAGE	1			18,5X25,5X31,0 FA.INA	0,000		
330	4181.325.003		PLANETARY GEAR	1			SEG.2+3 *SATZ 1	0,000		
332	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
340	0631.329.046		SLOTTED PIN	1		Z00004983810	5X16	0,001		
350	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
360	4181.322.018		BEARING PIN	1		Z00004983810	CODIERBOHRUNG	0,000		
370	0735.321.565		NEEDLE CAGE	1			18,5X25,5X31,0 FA.INA	0,000		
380	4181.325.003		PLANETARY GEAR	1			SEG.2+3 *SATZ 1	0,000		
382	4181.322.014		THRUST WASHER	1			SATZ1 *SEG2+3*V2.2	0,000		
390	0631.329.046		SLOTTED PIN	1		Z00004983810	5X16	0,001		



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.23.01-1

Material-assembly-group-no: 4181.123.009



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.125.015		PLANET CARRIER	1			SATZ2 *SEG2*V2.1*P2.2* NITRIERT	0,000		
200	4181.323.004		RING GEAR	1			SATZ3 *SEG2+3*V2.1	0,000		
210	0730.501.734		RETAINING RING	1			A=2,00	0,000		
300	0750.115.996		NEEDLE SLEEVE	1		Z00009385311		0,000		
310	0735.368.278		AXIAL NEEDLE BEARING	1			58,0X83,2X4,0 FA.INA	0,000		
320	0735.368.151		AXIAL NEEDLE BEARING	1				0,000		
330	0735.295.234		SLEEVE	1			75,0X79,0X22,0 FA.INA	0,000		

Plant

Page 1 from 1

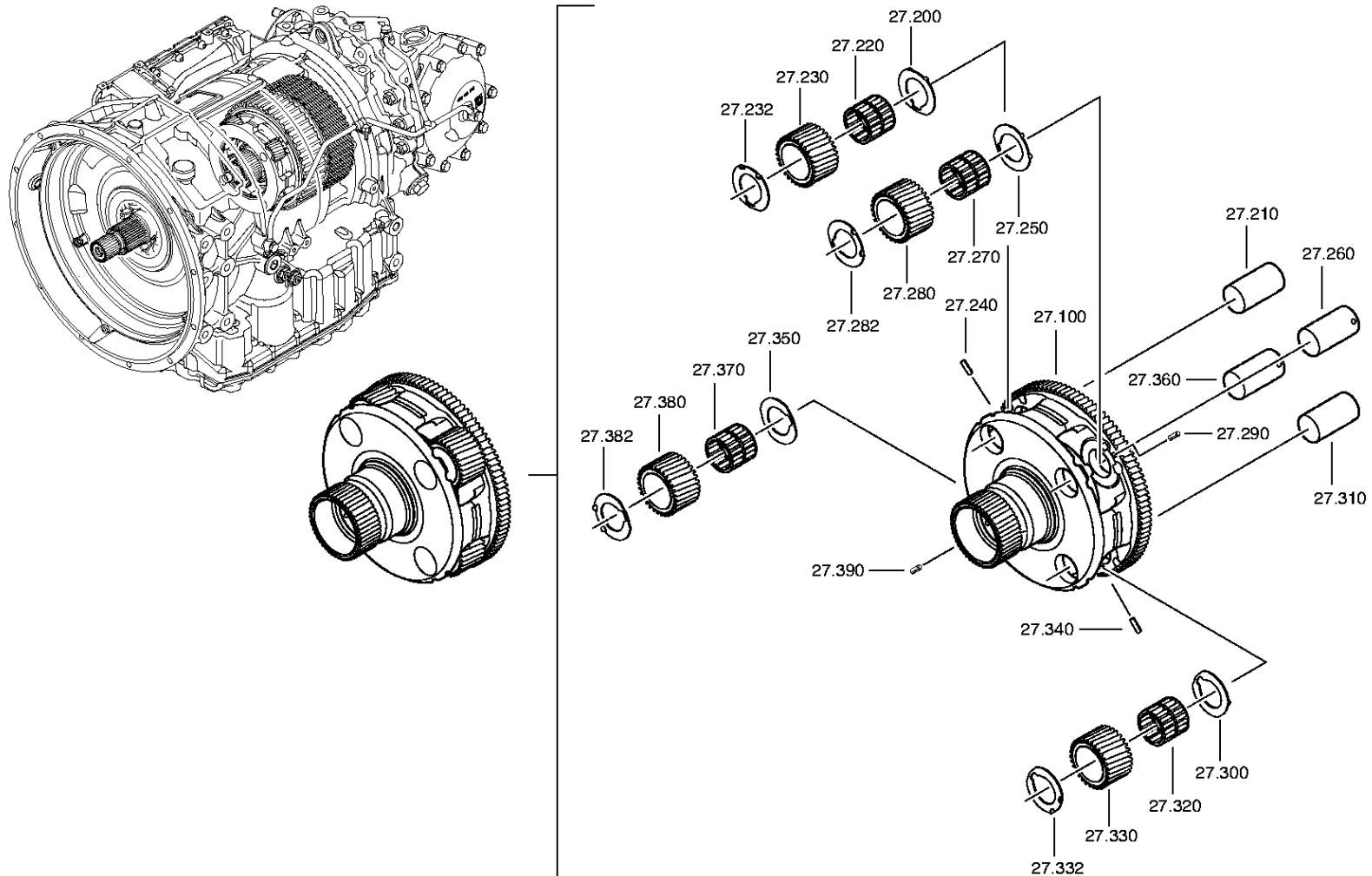
Material number: 4181.002.204

Plate: 130.27.01-1

Material-assembly-group-no: 4181.125.015

ECOLIFE / NOVABUS

PLANET CARRIER



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.27.01-1

Material-assembly-group-no: 4181.125.015



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.292.021		PLANET CARRIER	1			KPL.SEG2*SATZ2*V2-2 *GESCHMIEDET* PLASMANITRIERT	0,000		
200	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
210	4181.323.014		BEARING PIN	1			SATZ2 V2.2 *SEG2+3*V2.2	0,000		
220	0735.321.567		NEEDLE CAGE	1			31,0X39,0X34,0 FA.INA	0,000		
230	4181.325.004		PLANETARY GEAR	1			SEG.2+3 *SATZ 2	0,000		
232	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
240	0501.322.731		SLOTTED PIN	1			S5X16 *BOELLHOFF	0,000		
250	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
260	4181.323.014		BEARING PIN	1			SATZ2 V2.2 *SEG2+3*V2.2	0,000		
270	0735.321.567		NEEDLE CAGE	1			31,0X39,0X34,0 FA.INA	0,000		
280	4181.325.004		PLANETARY GEAR	1			SEG.2+3 *SATZ 2	0,000		
282	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
290	0501.322.731		SLOTTED PIN	1			S5X16 *BOELLHOFF	0,000		
300	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
310	4181.323.014		BEARING PIN	1			SATZ2 V2.2 *SEG2+3*V2.2	0,000		
320	0735.321.567		NEEDLE CAGE	1			31,0X39,0X34,0 FA.INA	0,000		
330	4181.325.004		PLANETARY GEAR	1			SEG.2+3 *SATZ 2	0,000		
332	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
340	0501.322.731		SLOTTED PIN	1			S5X16 *BOELLHOFF	0,000		
350	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
360	4181.323.014		BEARING PIN	1			SATZ2 V2.2 *SEG2+3*V2.2	0,000		
370	0735.321.567		NEEDLE CAGE	1			31,0X39,0X34,0 FA.INA	0,000		
380	4181.325.004		PLANETARY GEAR	1			SEG.2+3 *SATZ 2	0,000		
382	4181.323.013		THRUST WASHER	1			SATZ2 *SEG2+3*V2.2	0,000		
390	0501.322.731		SLOTTED PIN	1			S5X16 *BOELLHOFF	0,000		

Plant

Page 1 from 1

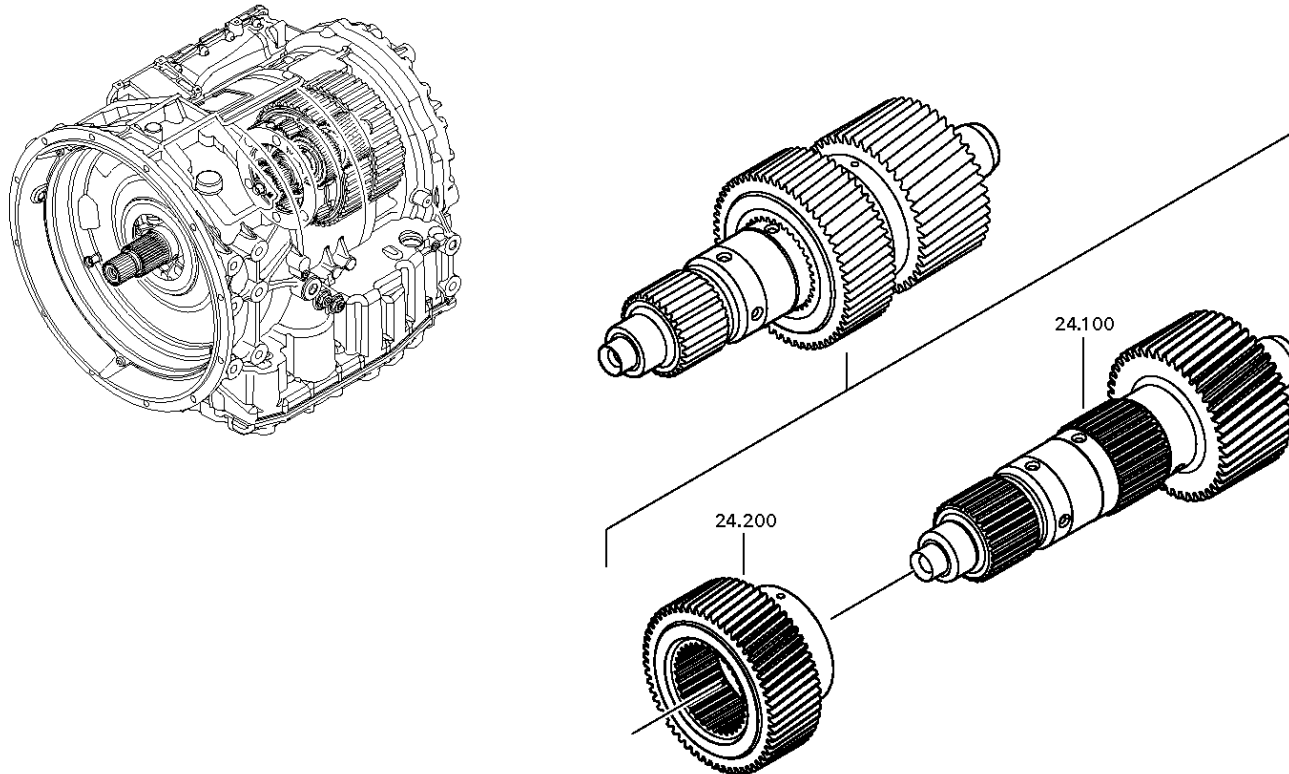
Material number: 4181.002.204

Plate: 130.24.02-1

Material-assembly-group-no: 4181.124.007

ECOLIFE / NOVABUS

INPUT SHAFT



Parts list

Page 1 from 1

Material number: 4181.002.204

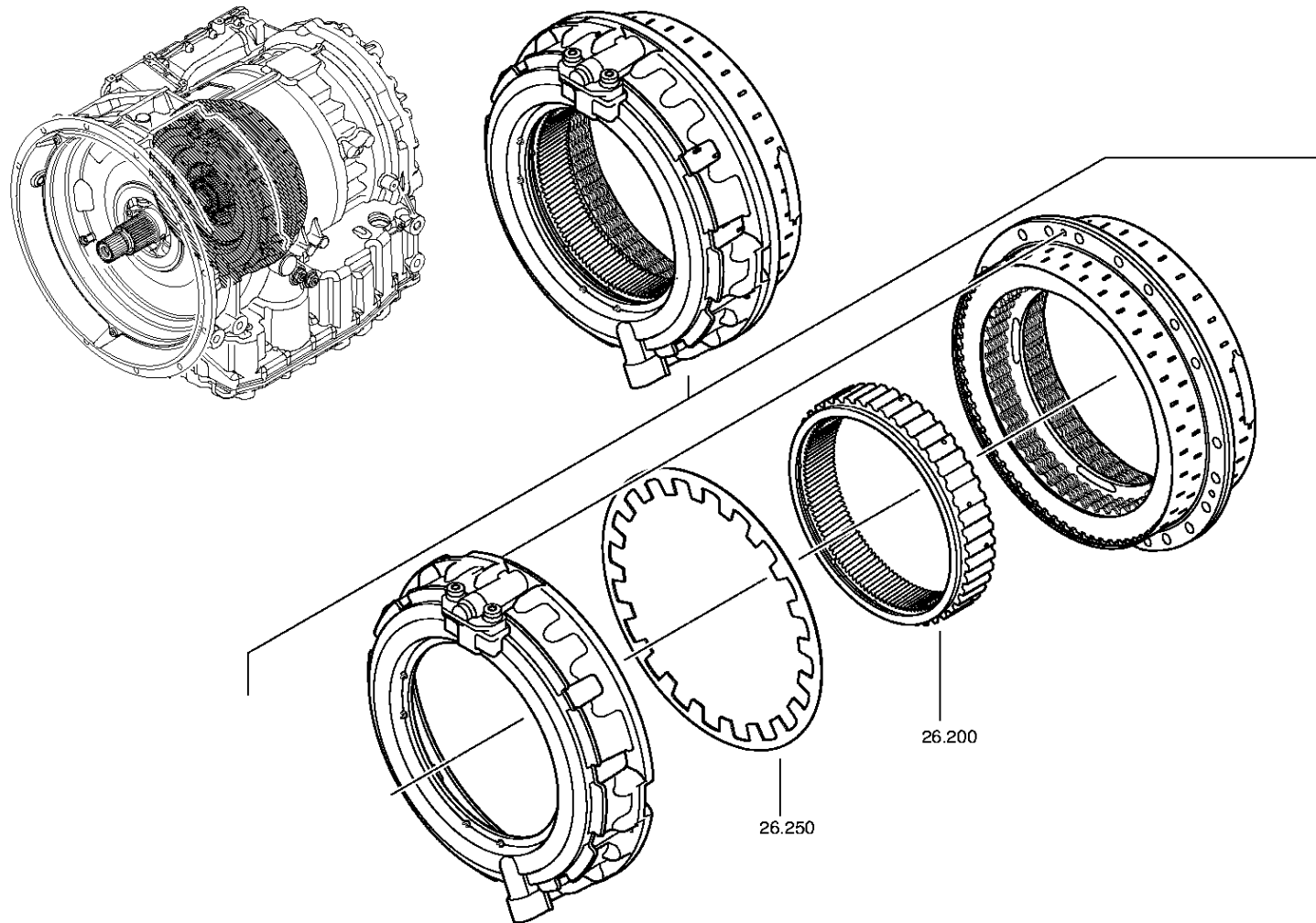
ECOLIFE / NOVABUS

Plate: 130.24.02-1

Material-assembly-group-no: 4181.124.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.324.006		INPUT SHAFT	1			PL.GETRIEBE*SATZ1+2 *SEG2+3	0,000		
200	4181.324.007		SUN GEAR	1			SATZ 2 SEG2*SEG3* SET2*V2-1	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

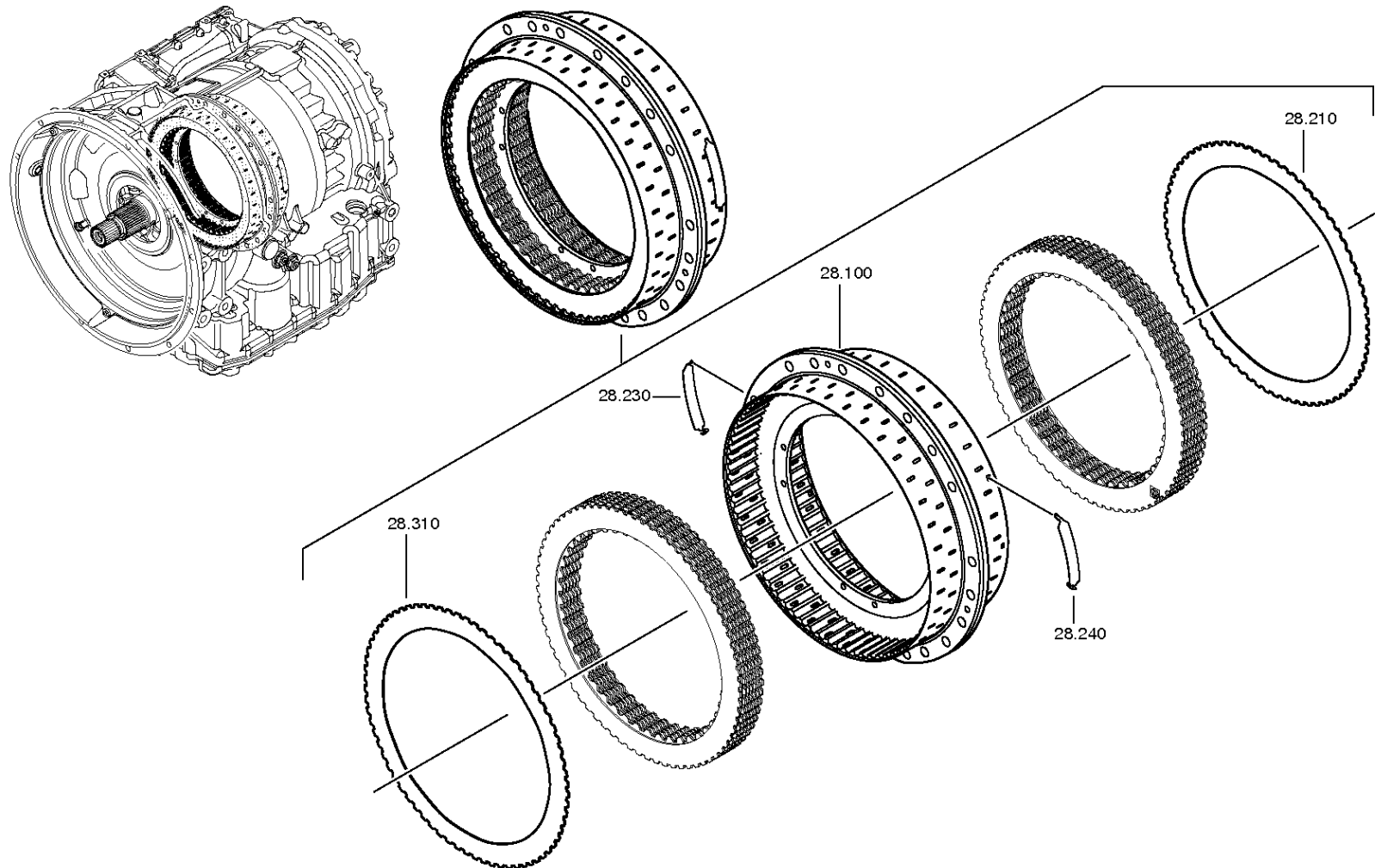
ECOLIFE / NOVABUS

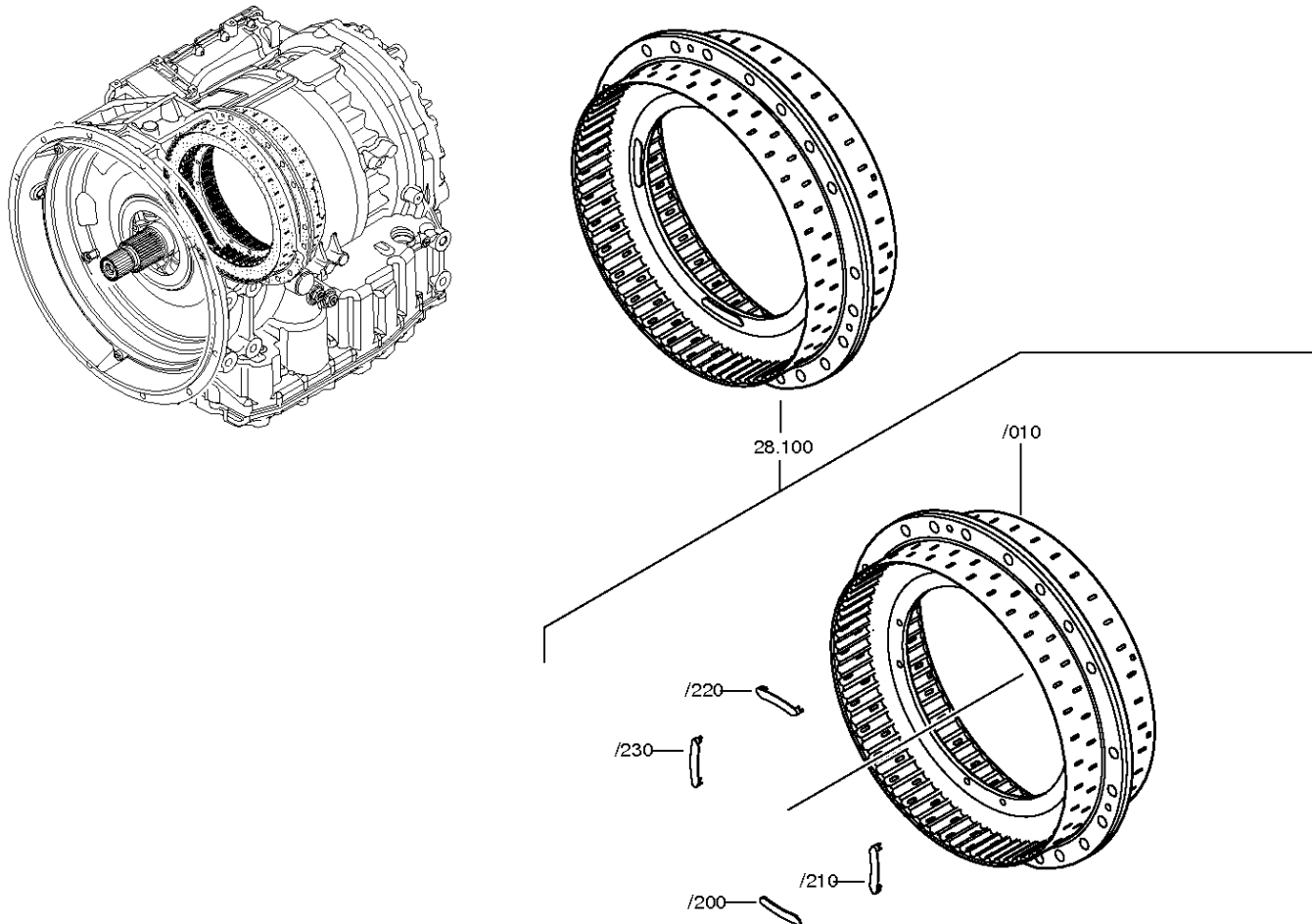
Plate: 130.26.01-1

Material-assembly-group-no: 4181.126.053



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.127.053		DISC CARRIER	1			BREMSE D/E *ST/14-17* SO/14-17	0,000		
200	4181.326.002		RING GEAR	1			SATZ 1 *SEG.2+3	0,000		
250	0501.322.620		CUP SPRING	1			SEG.2+3 *KUPPLUNG B*BREMSE D/E	0,000		
300	4181.129.053		PISTON SUPPORT	1			BREMSE D *ST/14-17*SO/ 14-17	0,000		
400	4181.129.802		PISTON SUPPORT	1			M6X25*LAMELLENTAEG ER D/E *V2.0	0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.28.01-1

Material-assembly-group-no: 4181.127.053



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.227.004		DISC CARRIER	1			KPL.BREMSE D/E *SEG2+3	0,000		
/10	4181.292.024		DISC CARRIER	1			KPL. BREMSE D/E *SEG2+3*EB*Serie	0,000		
/200	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
/210	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
/220	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
/230	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
200	4181.128.012		MULTIDISK PACKAGE	1			ST*14-D-E*17-B-D-E-F*20-B-F*SO*14-D-E-F*17-B-D-E*20-B*SO.2-B	0,000		
210	4181.327.001		WAVE SPRING	1			BREMSE B/D/E	0,000		
230	0501.322.702		RETAINING CLAMP	1				0,000		
240	0501.322.702		RETAINING CLAMP	1				0,000		
300	4181.128.012		MULTIDISK PACKAGE	1			ST*14-D-E*17-B-D-E-F*20-B-F*SO*14-D-E-F*17-B-D-E*20-B*SO.2-B	0,000		
310	4181.327.001		WAVE SPRING	1			BREMSE B/D/E	0,000		

Plant

Page 1 from 1

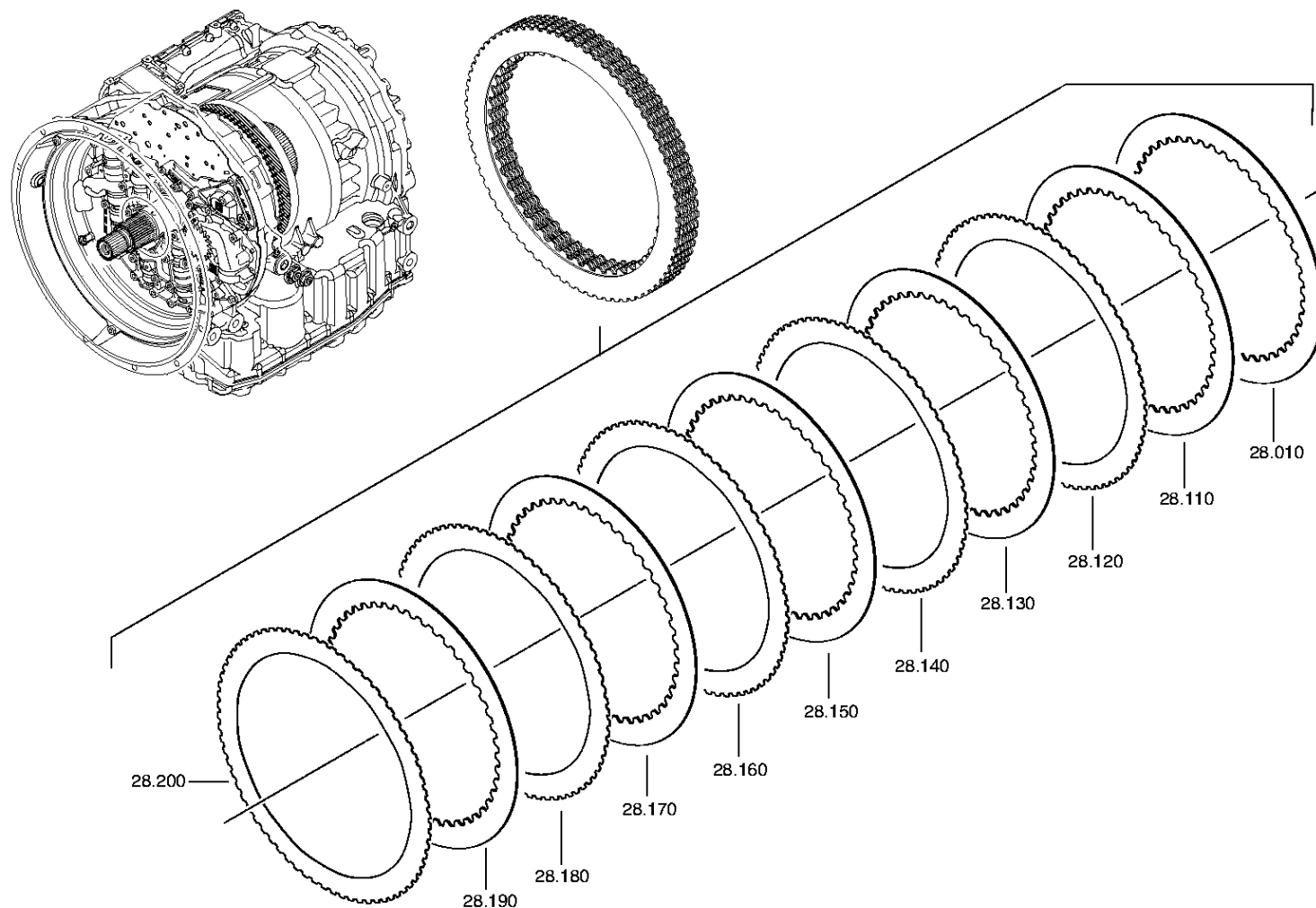
Material number: 4181.002.204

Plate: 130.31.02-1

Material-assembly-group-no: 4181.128.012

ECOLIFE / NOVABUS

MULTIDISK PACKAGE



Parts list

Page 1 from 1

Material number: 4181.002.204

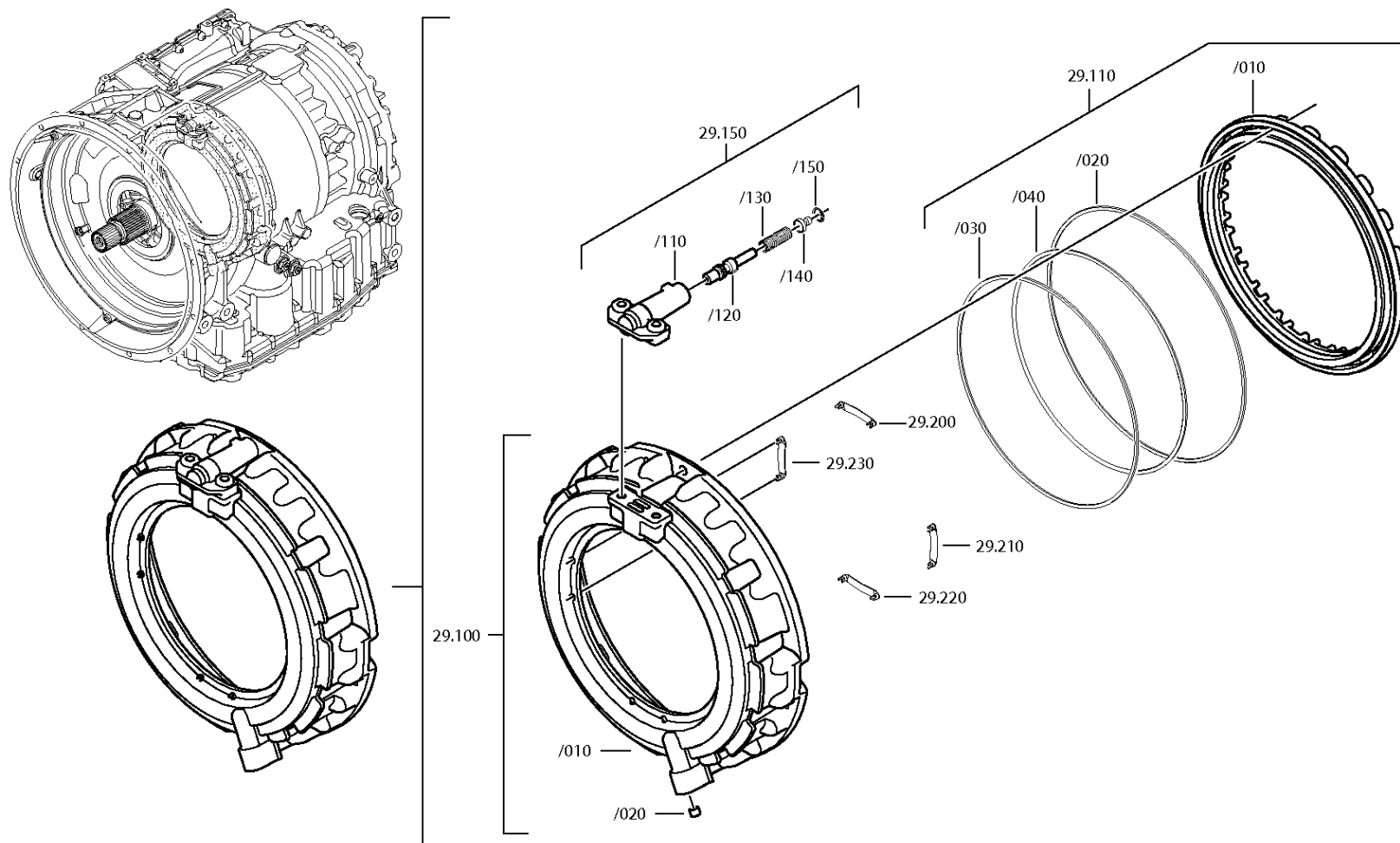
ECOLIFE / NOVABUS

Plate: 130.31.02-1

Material-assembly-group-no: 4181.128.012



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	---		END DISC	1		Z00007878710	H= 1,40- 2,34 B/D/F	0,000		
---	4181.328.015		END DISC	1		Z00006136412	A=2,34 *B/D/E/F	0,000		
---	4181.328.016		END DISC	1		Z00006136412	A=1,90 *B/D/E/F	0,000		
---	4181.328.017		END DISC	1		Z00006136412	A=1,40 *B/D/E/F	0,000		
110	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
120	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
130	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
140	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
150	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
160	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
170	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
180	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		
190	4181.292.032		LINED CLUTCH DISK	1		Z00014042710	SEG.2+3*KUPPL B*BREMSE D/E/F*INNEN* GEBEIZT	0,000		
200	4181.292.033		LINED CLUTCH DISK	1		Z00014344110	SEG.2+3 *KUPPL B*BREMSE D/E/F* AUSSEN*GEBEIZT	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

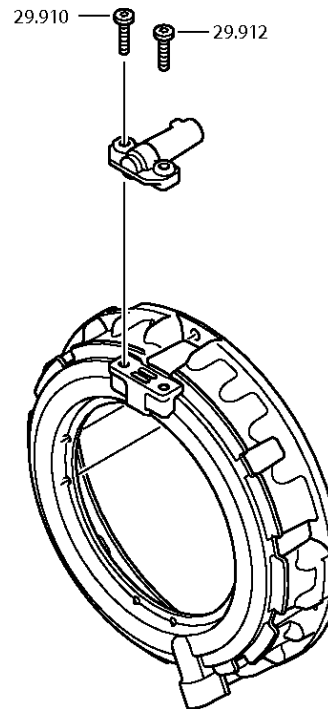
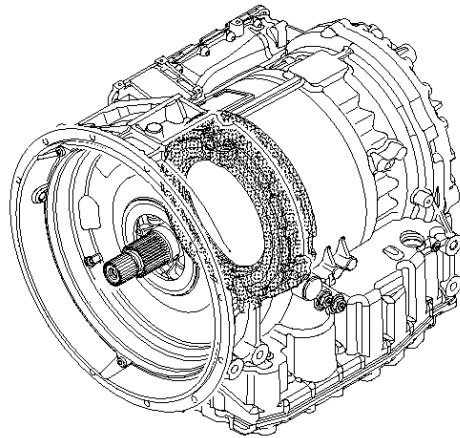
ECOLIFE / NOVABUS

Plate: 130.29.01-1

Material-assembly-group-no: 4181.129.053



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.229.050		PISTON SUPPORT	1			KPL.BREMSE D *SEG.2+3	0,000		
/10	4181.329.001		PISTON SUPPORT	1		Z00011218610	BREMSE D*DRUCKGUSS	0,000		
/20	0631.405.052		PLUG	1				10		
110	4181.229.053		PISTON	1			KPL.BREMSE D *ST/14-17*SO/14-17	0,000		
/10	4181.329.004		PISTON	1			BR.D*ST/14-17*SO/14-17*DG	0,000		
/20	0501.324.126		SEALING RING	1		Z00002393610	A*AUSSEN*KOLBEN D/E	0,000		
/30	0501.324.125		SEALING RING	1		Z00002393611	A*INNEN*KOLBEN D	0,000		
/40	0501.324.123		SEALING RING	1		Z00002393612	A*INNEN*KOL.E*MITTE*KOL.D	0,000		
150	4181.229.016		CHANGE OVER VALVE	1			KPL.BREMSE D *SEG2+3	0,000		
152	4181.129.801		CHANGE OVER VALVE	1			M8X36*10.9*REDUZ.MA*V2.0	0,000		
200	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
210	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
220	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		
230	4181.327.002		SEGMENT	1			HOHLRAD BREMSE D	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

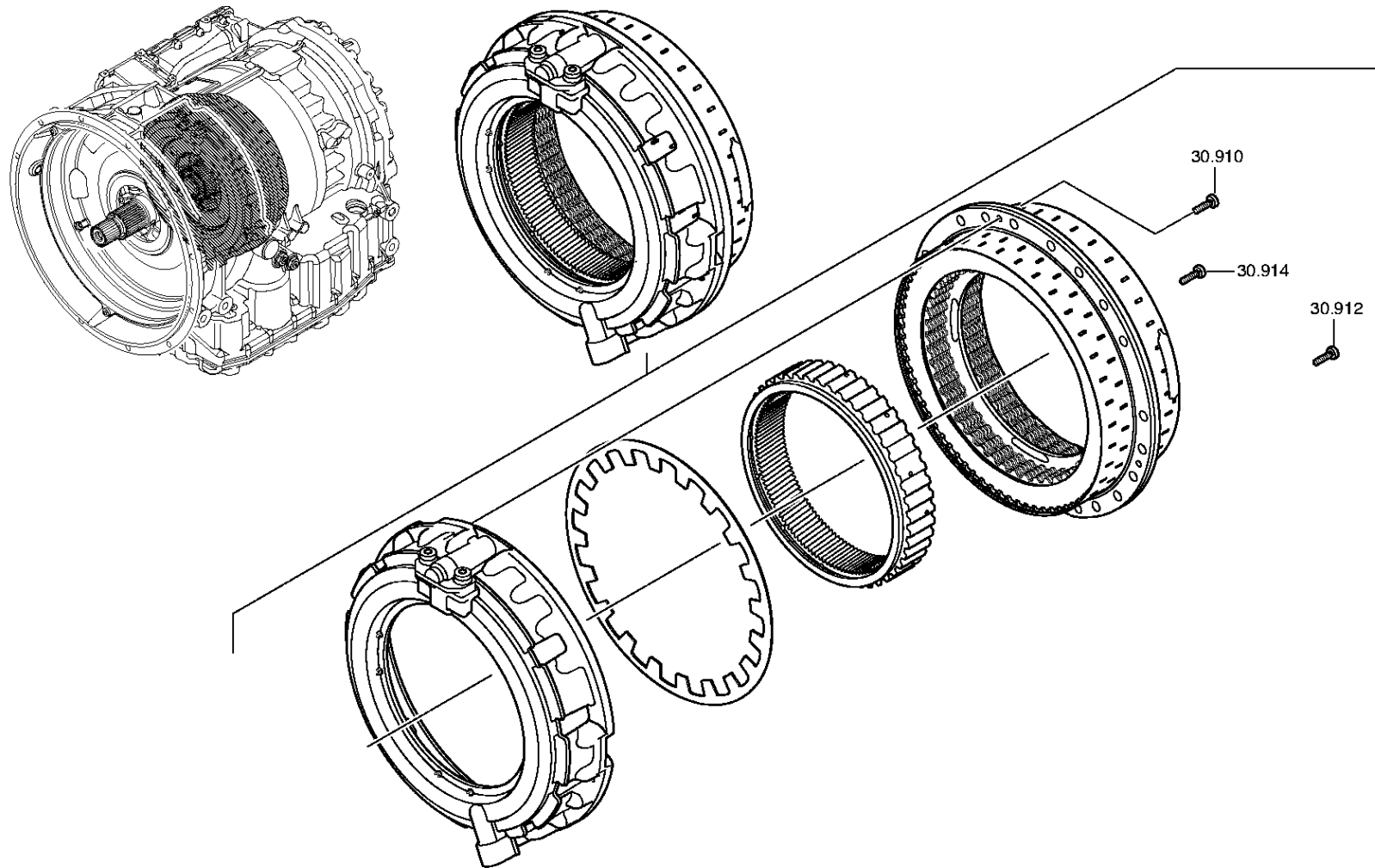
ECOLIFE / NOVABUS

Plate: 130.29.80-1

Material-assembly-group-no: 4181.129.801



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
912	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

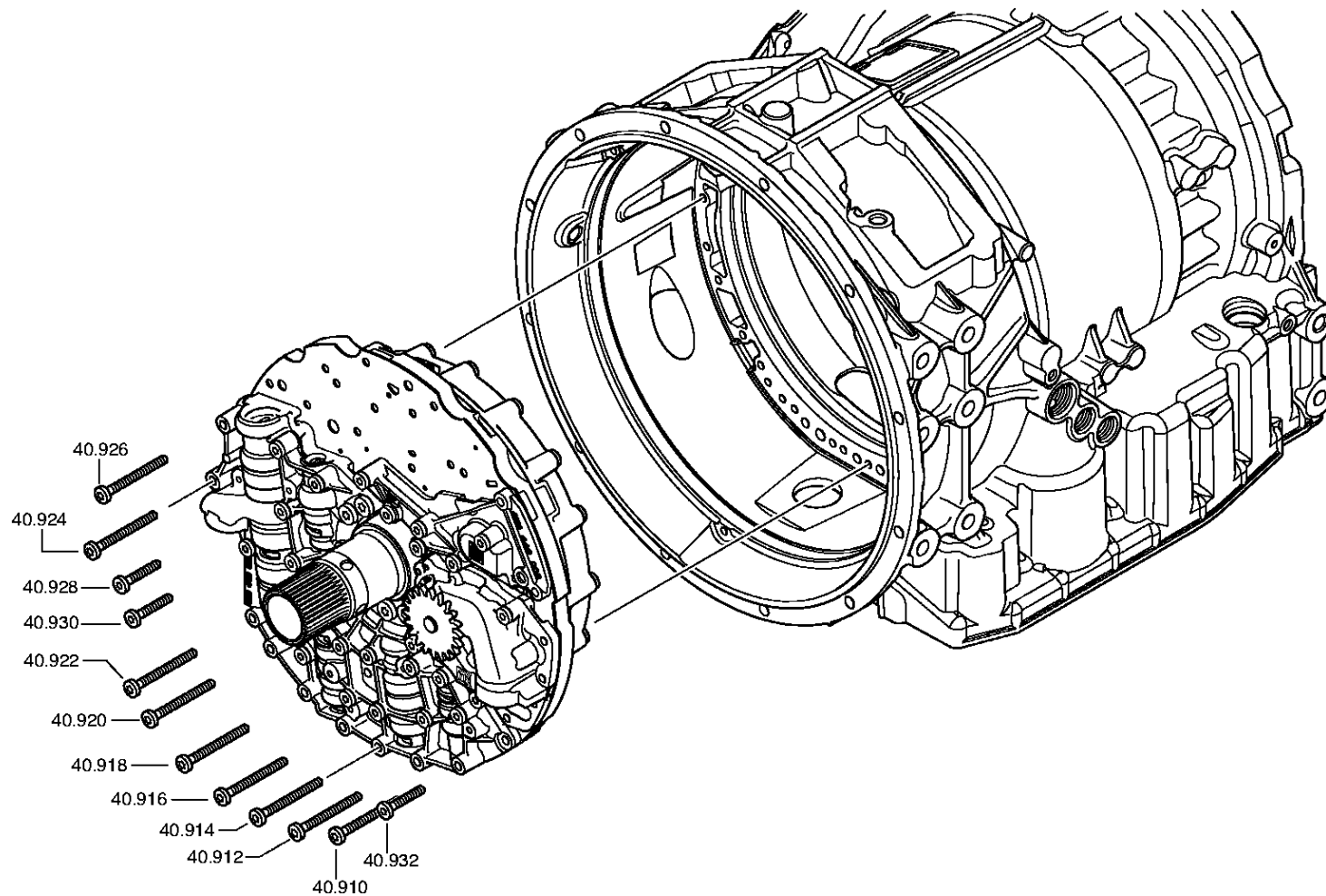
ECOLIFE / NOVABUS

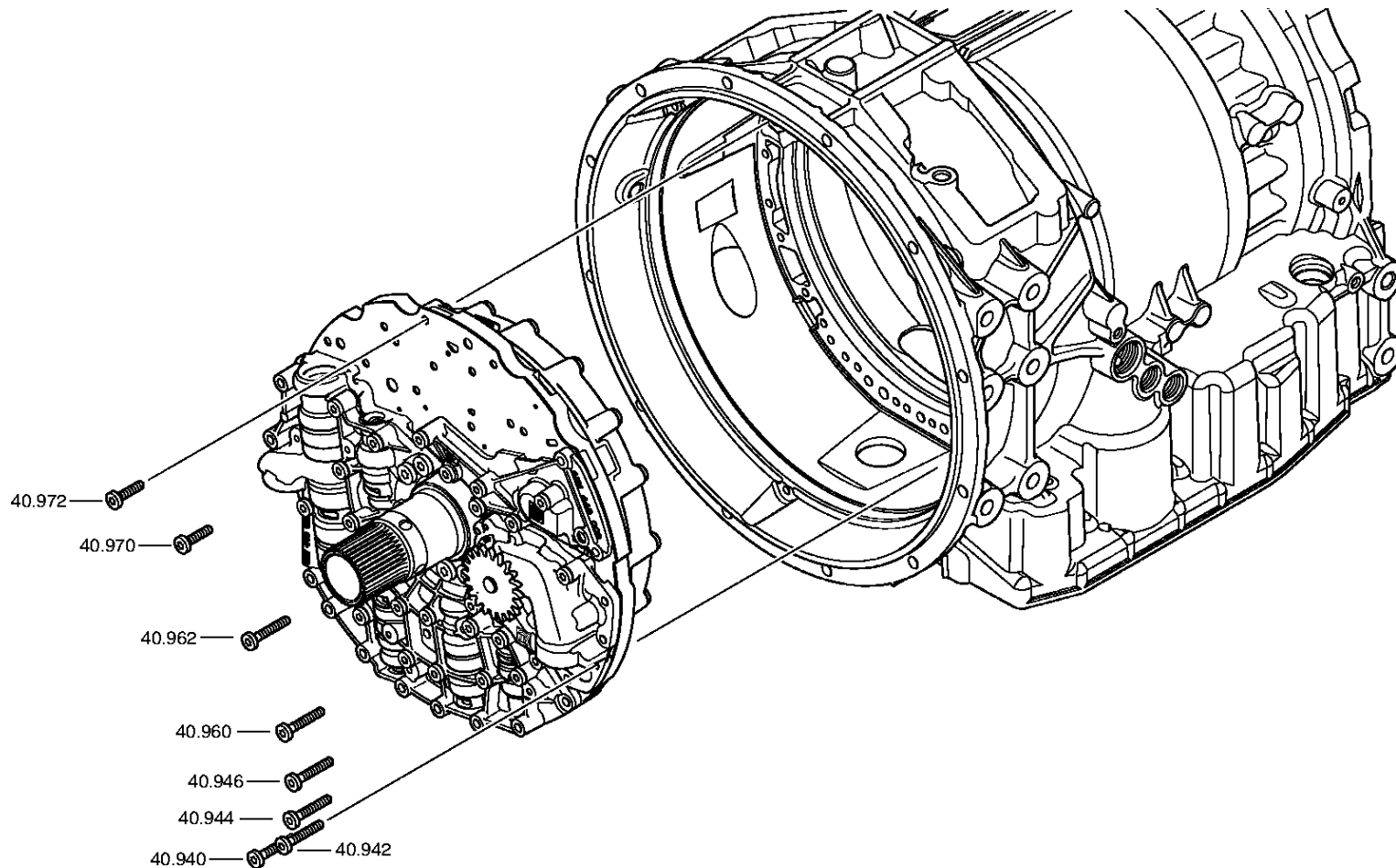
Plate: 130.30.01-1

Material-assembly-group-no: 4181.129.802



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
912	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
914	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		





Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.40.80-1

Material-assembly-group-no: 4181.140.801



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
912	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
914	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
916	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
918	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
920	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
922	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
924	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
926	0736.300.203		HEXALOBULAR DRIVING SCREW	1		Z00009199110	M8X85 M8X85	0,000		
928	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
930	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
932	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
940	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
942	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
944	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
946	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
960	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.40.80-1

Material-assembly-group-no: 4181.140.801



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
962	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
970	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
972	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		

Plant

Page 1 from 4

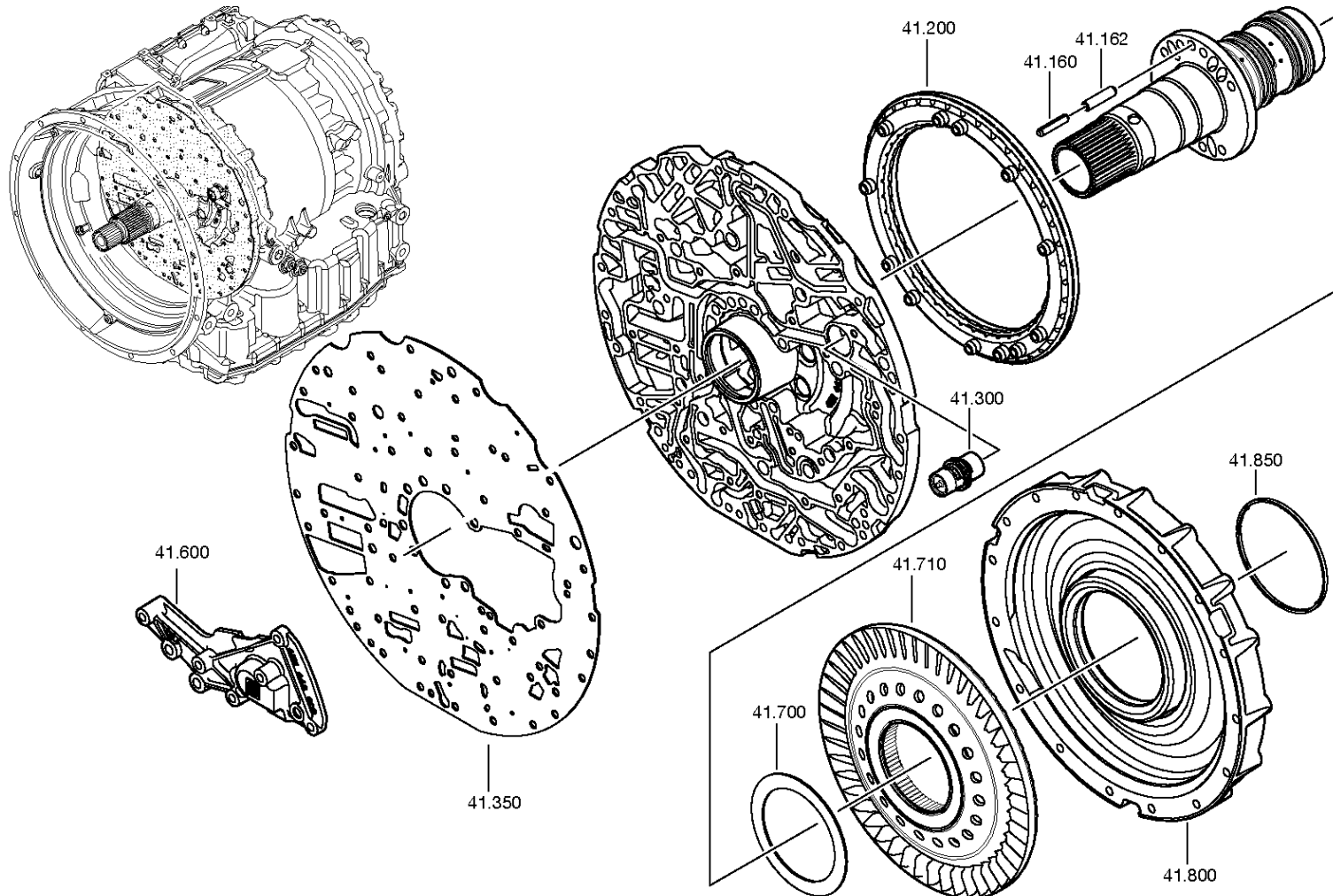
Material number: 4181.002.204

Plate: 130.41.01-1

Material-assembly-group-no: 4181.141.050

ECOLIFE / NOVABUS

OIL SUPPLY



Plant

Page 2 from 4

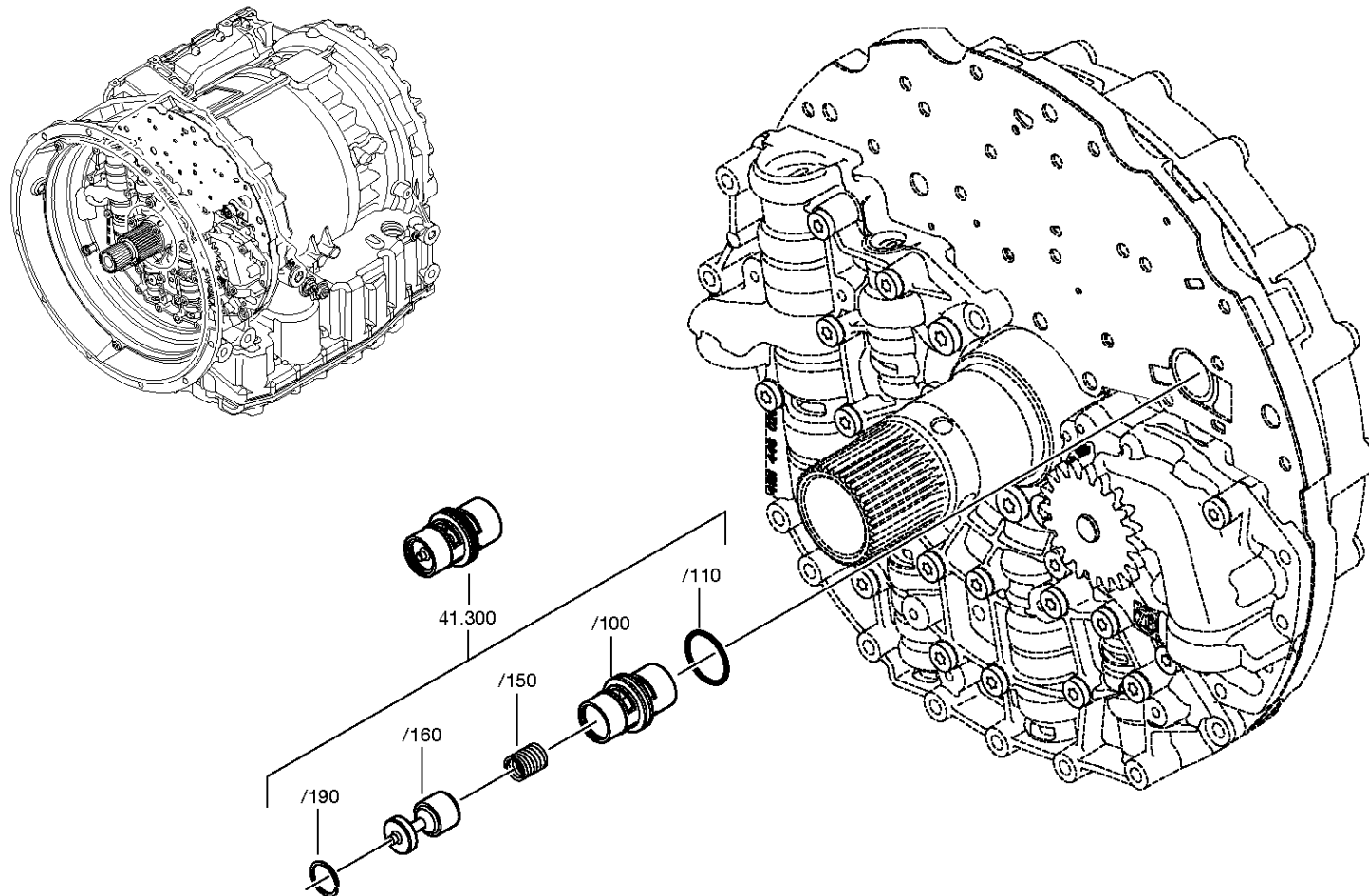
Material number: 4181.002.204

Plate: 130.41.01-2

Material-assembly-group-no: 4181.141.050

ECOLIFE / NOVABUS

OIL SUPPLY



Plant

Page 3 from 4

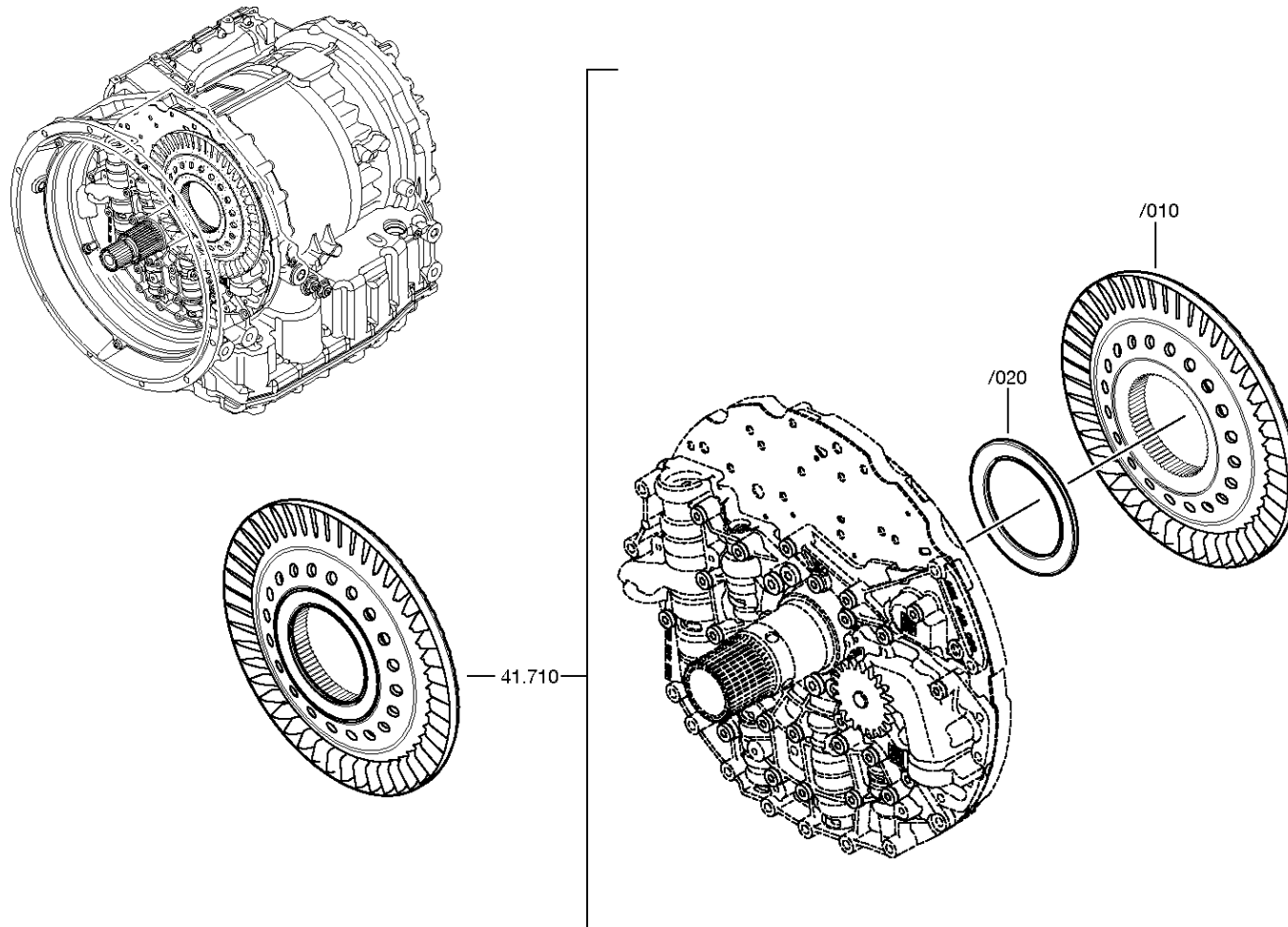
Material number: 4181.002.204

Plate: 130.41.01-3

Material-assembly-group-no: 4181.141.050

ECOLIFE / NOVABUS

OIL SUPPLY



Plant

Page 4 from 4

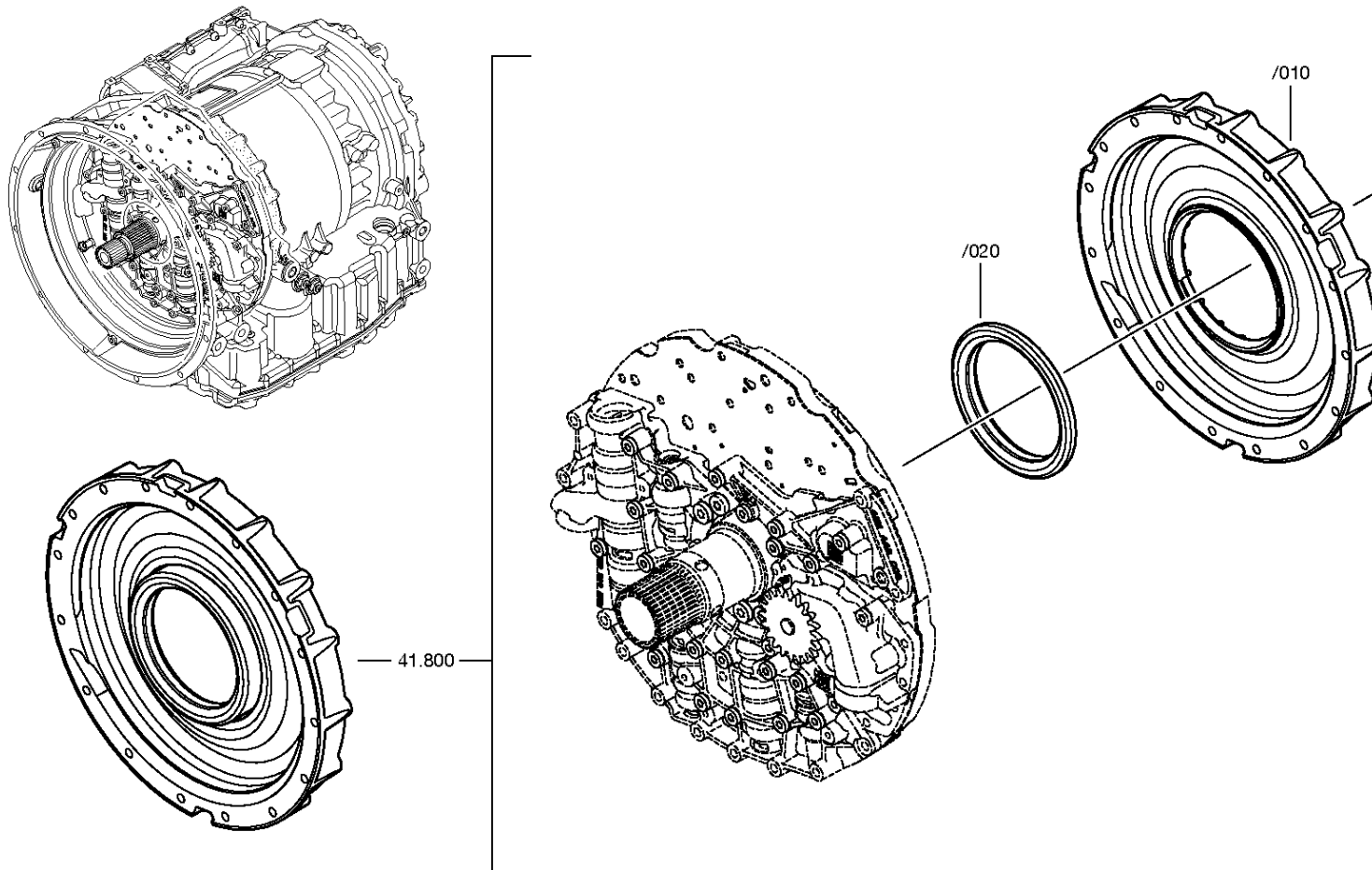
Material number: 4181.002.204

Plate: 130.41.01-4

Material-assembly-group-no: 4181.141.050

ECOLIFE / NOVABUS

OIL SUPPLY



Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.41.01-1

Material-assembly-group-no: 4181.141.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.142.050		OIL FEED FLANGE	1			O-NA *SEG.2+3	0,000		
150	4181.143.010		STATOR SHAFT	1		Z00006519110	SEG.2+3 * OELVERSORGUNG	0,000		
160	0631.330.122		SLOTTED PIN	1			10X40	0,000		
162	0631.329.086		SLOTTED PIN	1			8X40	7,800		
200	0501.328.787		STATOR	1			SEG.2+3 * OELVERSORGUNG* UNTERSCHIED. BESCHAUFELT	0,000		
210	4181.144.802		STATOR RING	1			SEG.2+3 * OELVERSORGUNG* OELZUFUEHRUNGSFL* M6X25	0,000		
300	4181.245.004		LUBPRESSVALVE	1			SEG.2+3* * OELVERSORGUNG	0,000		
/100	4181.345.002		BUSH	1			SCHMIERDRUCKVENTIL *V2	0,000		
/110	0501.322.978		O-RING	1			29X2,0*FPMX295	0,000		
/150	0732.042.980		COMPRESSION SPRING	1				0,000		
/160	4181.345.001		PISTON	1			SCHMIERDRUCKVENTIL *V2	0,000		
/190	0630.513.120		SNAP RING	1				0,000		
350	4181.346.043		INTERMEDIATE SHEET	1		Z00003834810	SEG.2+3 * OELVERSORGUNG	0,000		
400	4181.146.005		VALVE HOUSING	1			OELVERSORGUNG	0,000		
410	4181.146.802		VALVE HOUSING	1			M8/M10X60*LEIT.WELLE- OELZU*V2.0	0,000		
500	4181.147.007		PRIMARY PUMP	1			*SINTER	0,000		
510	4181.147.802		PUMP	1			SEG.2+3 * OELVERSORGUNG* OELZUFUEHRUNGSFL* M8X50	0,000		
600	4181.348.009		SUPPORTING PLATE	1			SEG.2+3 * OELVERSORGUNG	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.41.01-1

Material-assembly-group-no: 4181.141.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
610	4181.148.801		SUPPORTING PLATE	1			SEG.2+3 * OELVERSORGUNG* OELZUF.FL*M8X50* M10X60	0,000		
700	0730.113.839		AXIAL WASHER	1		Z00006519110	A=4,00	0,190		
710	4181.244.010		ROTOR	1		Z00006519110	SEG.2+3 * OELVERSORGUNG	0,000		
/10	0501.324.481		ROTOR	1		Z00006519111		3,440		
/20	0735.300.686		AXIAL NEEDLE BEARING	1		Z00006519111	100,0X137,1X5,0	0,155		
800	4181.244.009		SEALING WASHER	1		Z00004354110	SEG.2+3 * OELVERSORGUNG	0,000		
/10	4181.344.020		SEALING WASHER	1		Z00019173010	SEG.2+3 * OELVERSORGUNG* SANDGUSS *NVB	0,000		
/20	4181.344.013		SLEEVE	1		C01005529F10	D=125 UMGEFORMT	0,270		
810	4181.144.803		SEALING WASHER	1			SEG.2+3 * OELVERSORGUNG* OELZUFUEHRUNGSFL* M8X60	0,000		
850	0501.324.244		RECTANGULAR RING	1				0,005		

Plant

Page 1 from 1

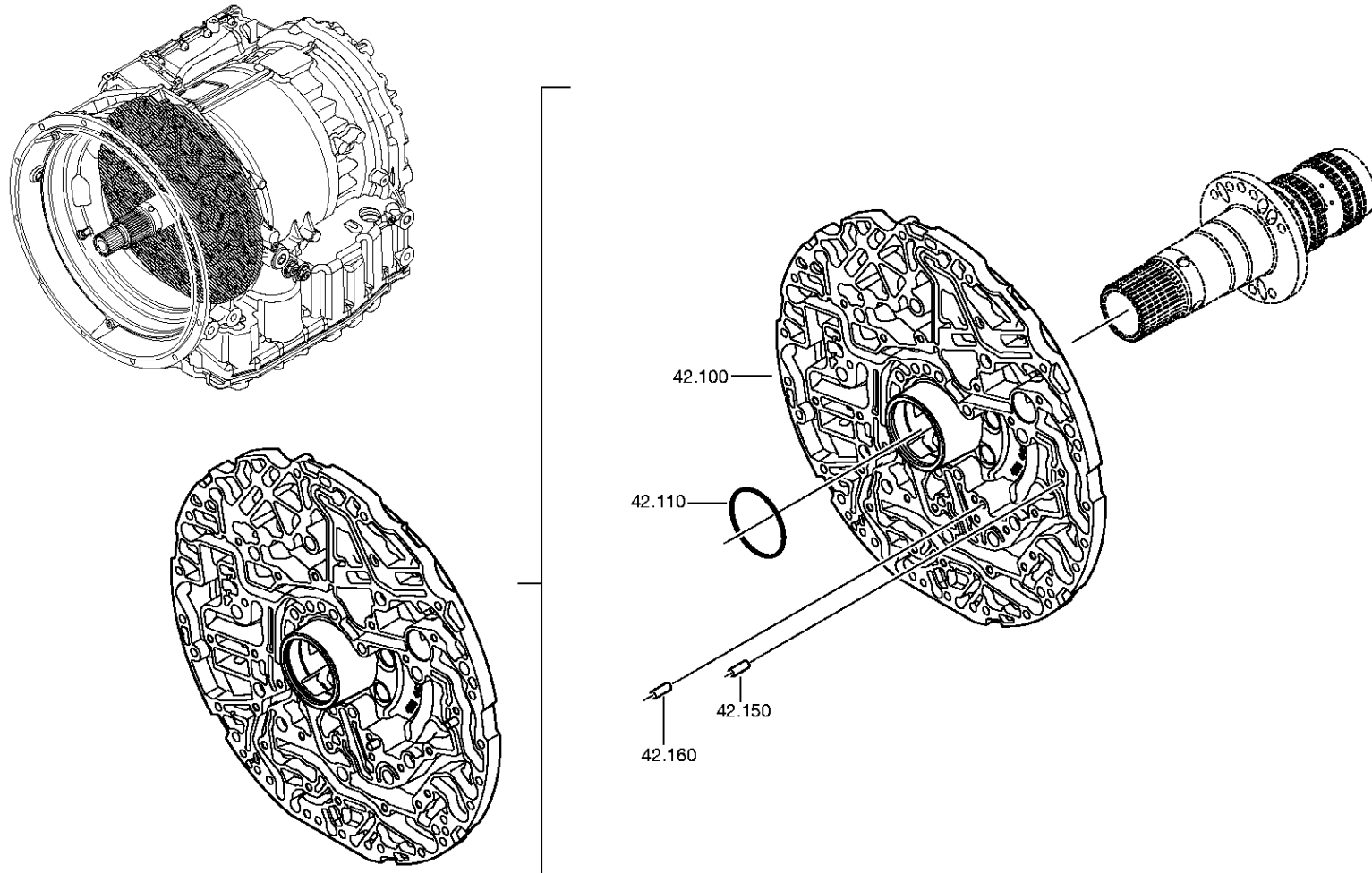
Material number: 4181.002.204

Plate: 130.42.01-1

Material-assembly-group-no: 4181.142.050

ECOLIFE / NOVABUS

OIL FEED FLANGE



Parts list

Page 1 from 1

Material number: 4181.002.204

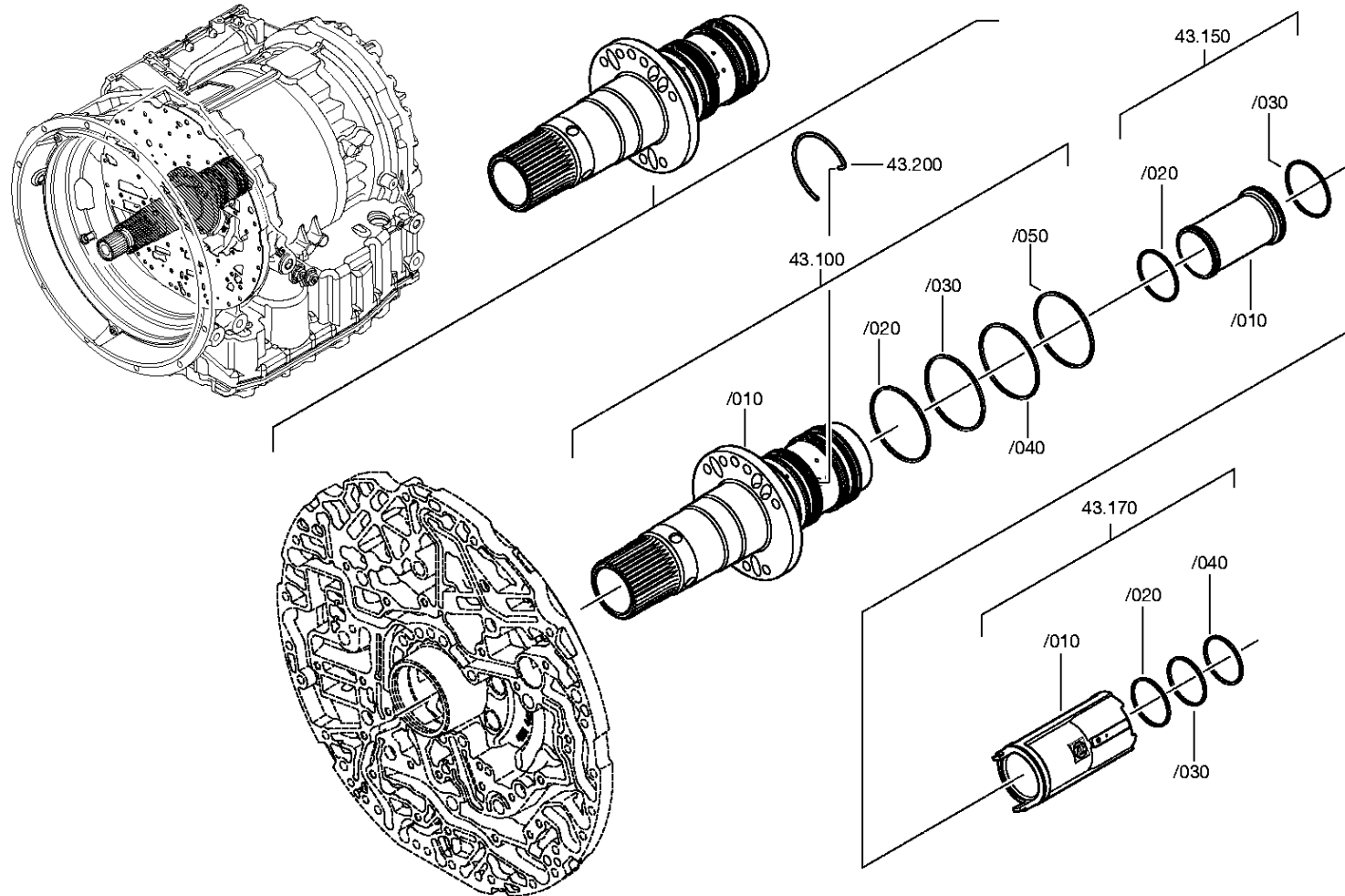
ECOLIFE / NOVABUS

Plate: 130.42.01-1

Material-assembly-group-no: 4181.142.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.342.020		OIL FEED FLANGE	1			SEG.2+3 * OELVERSORGUNG*O-NA* VERGR.AX.AUFLAGEFL	0,000		
110	0501.322.908		O-RING	1			70X2,5*FPMX295	0,000		
150	0631.306.064		CYLINDRICAL PIN	1			8X20	8		
160	0631.306.064		CYLINDRICAL PIN	1			8X20	8		



Parts list

Page 1 from 1

Material number: 4181.002.204

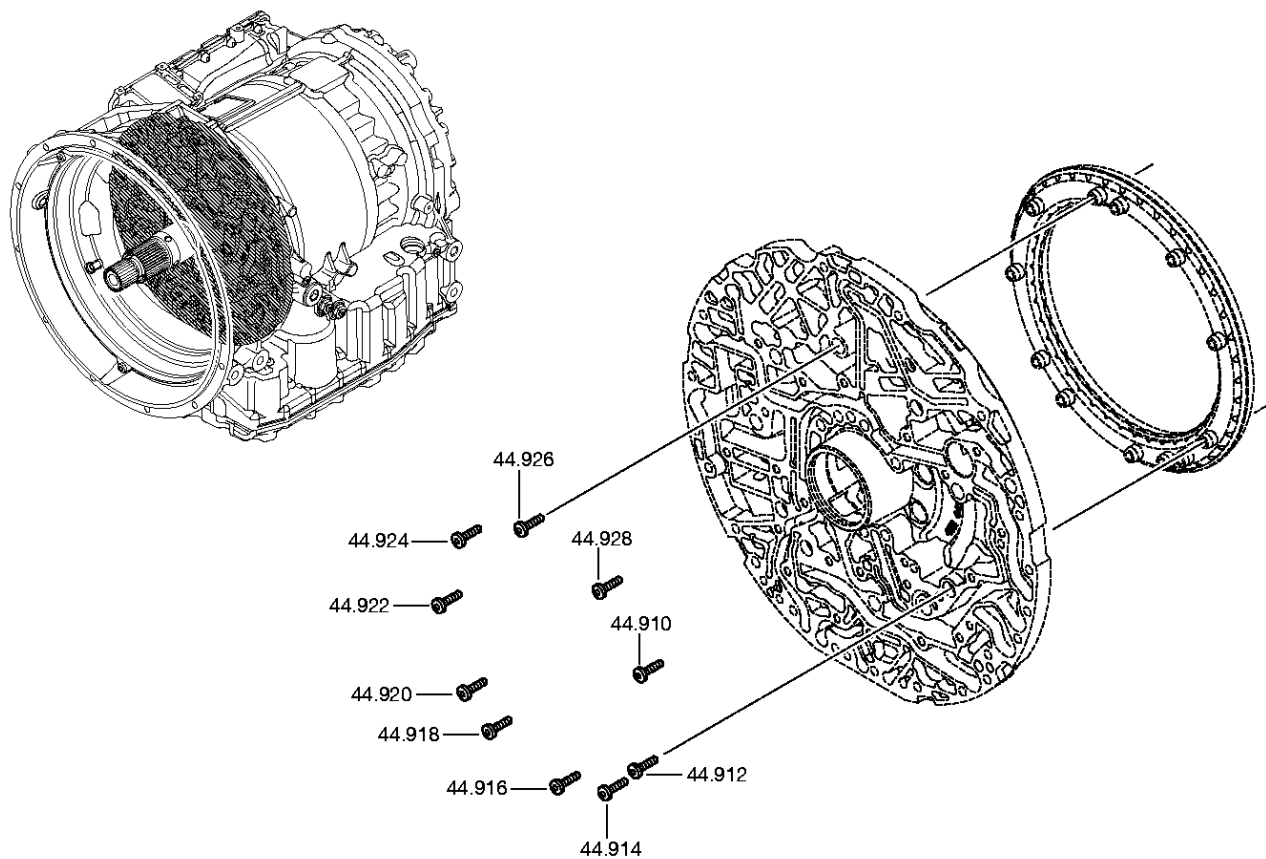
ECOLIFE / NOVABUS

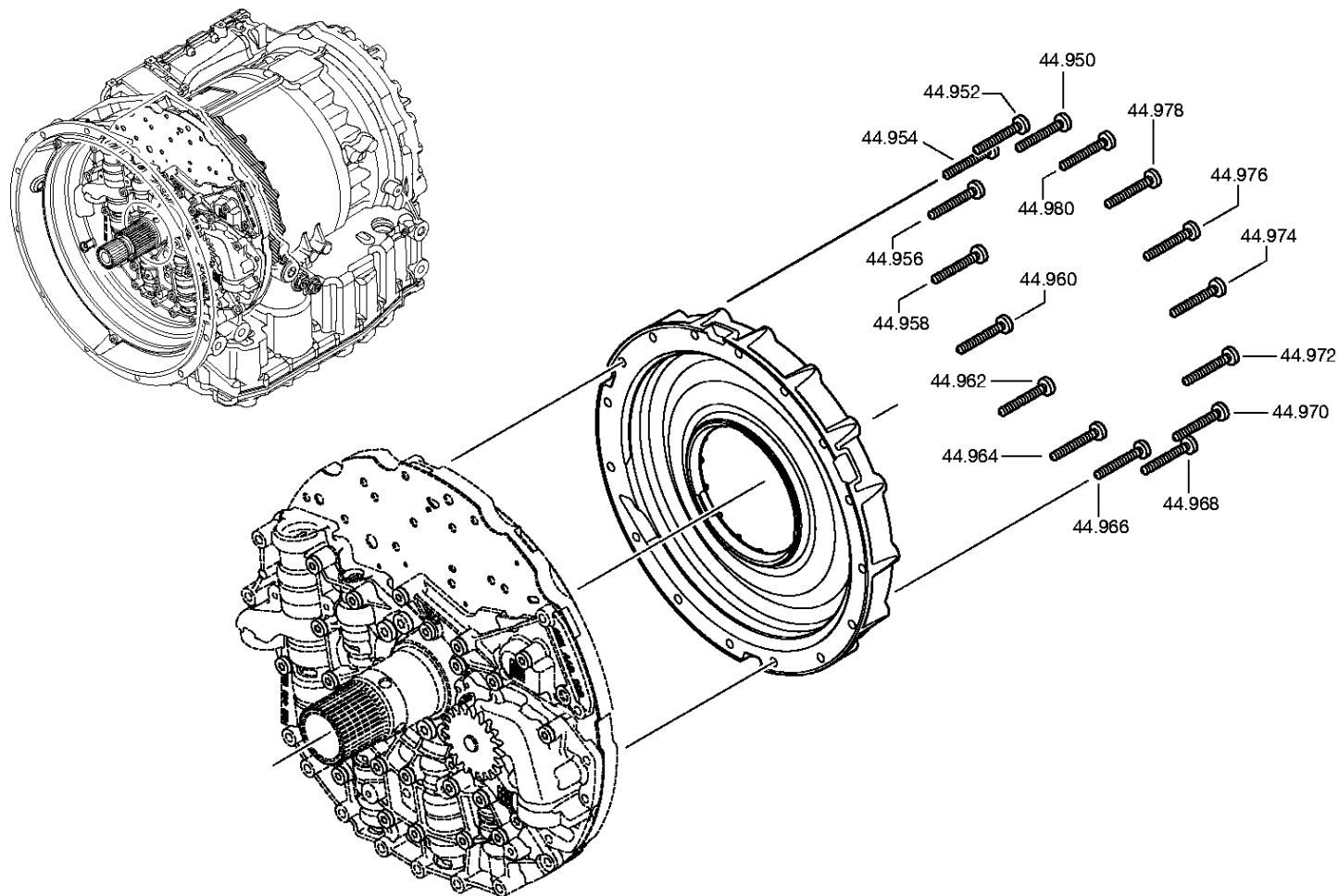
Plate: 130.43.01-1

Material-assembly-group-no: 4181.143.010



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.243.013		STATOR SHAFT	1		Z00006519111	SEG.2+3 * OELVERSORGUNG	0,000		
/20	0501.325.586		RECTANGULAR RING	1		Z00006519111		0,000		
/30	0501.325.586		RECTANGULAR RING	1		Z00006519111		0,000		
/40	0501.325.586		RECTANGULAR RING	1		Z00006519111		0,000		
/50	0501.325.586		RECTANGULAR RING	1		Z00006519111		0,000		
150	4181.243.008		SLEEVE	1		Z00006519111	KPL.LEITRADWELLE *BLECH*MX295	0,000		
/10	0501.322.740		SLEEVE	1				0,000		
/20	0501.322.902		O-RING	1			47X2*FPMX295	0,000		
/30	0501.322.907		O-RING	1			53X2*FPMX295	0,000		
170	4181.243.011		BUSH	1		Z00006519111	KPL.LEITRADWELLE	0,000		
/10	4181.343.013		BUSH	1		Z00004958410	LEITRADWELLE	0,000		
/20	0501.322.916		RECTANGULAR RING	1				0,000		
/30	0501.322.916		RECTANGULAR RING	1				0,000		
/40	0501.322.916		RECTANGULAR RING	1				0,000		
200	0730.505.173		SNAP RING	1		Z00006519111		0,000		





Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.44.82-1

Material-assembly-group-no: 4181.144.802



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
912	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
914	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
916	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
918	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
920	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
922	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
924	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
926	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
928	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
950	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
952	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
954	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
956	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
958	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
960	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
962	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

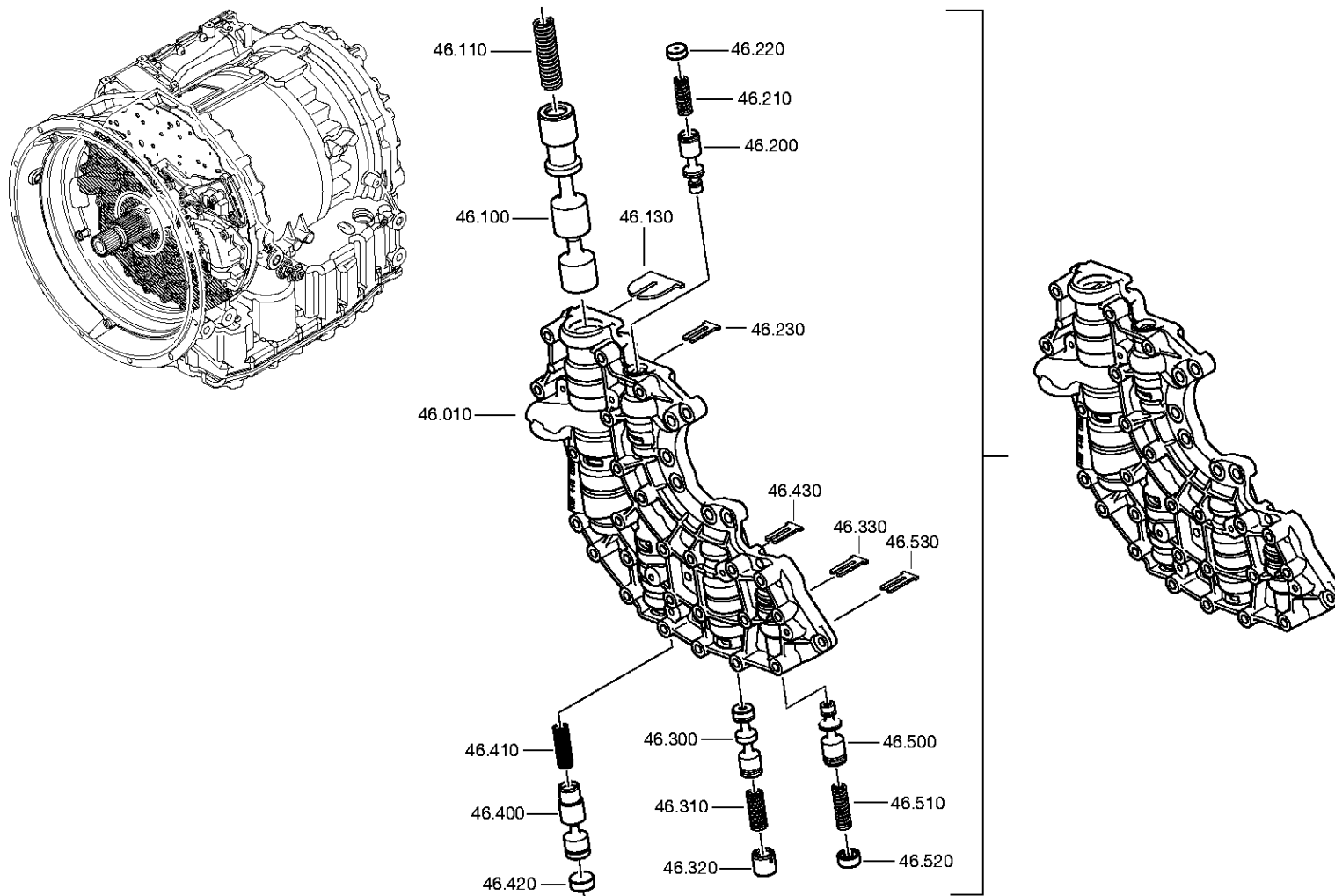
ECOLIFE / NOVABUS

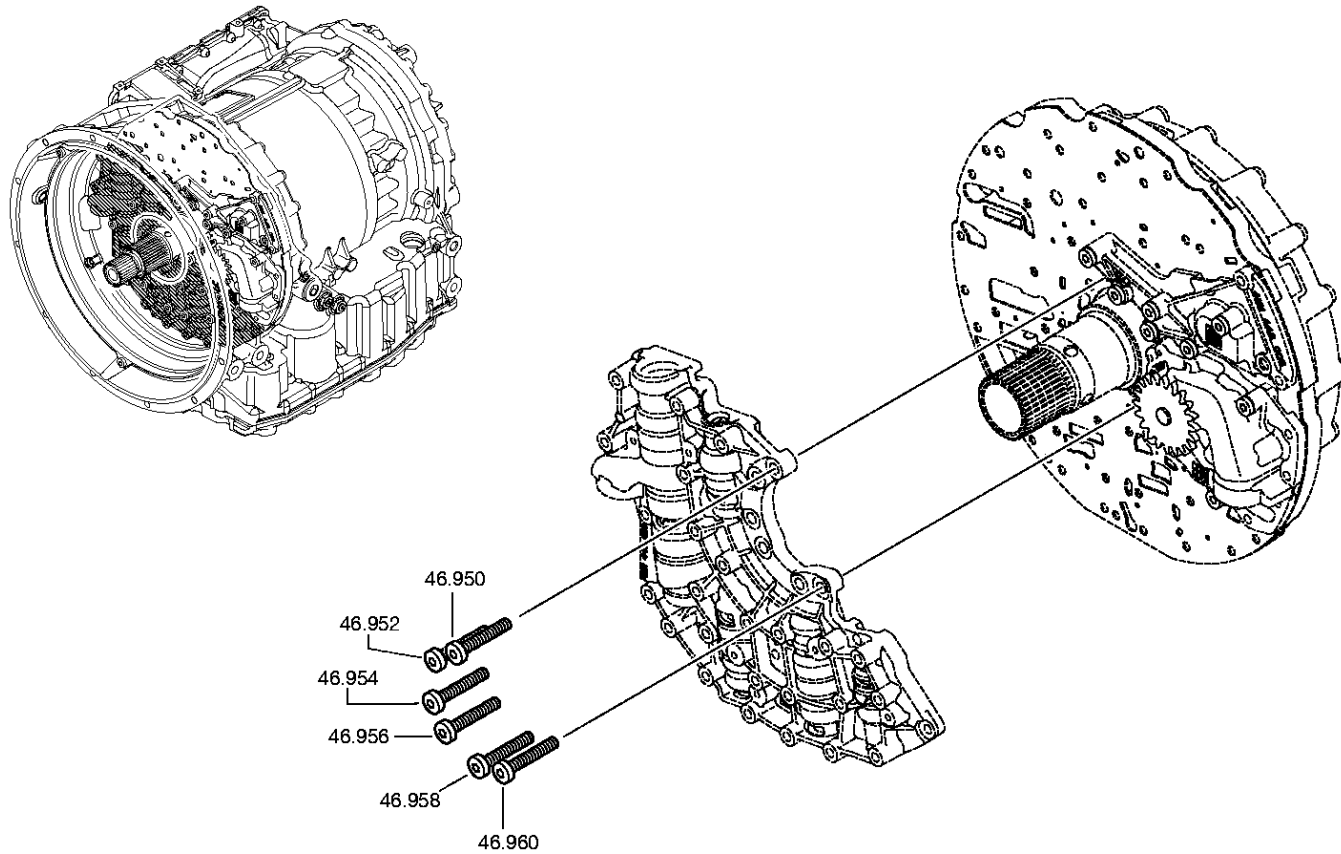
Plate: 130.44.82-1

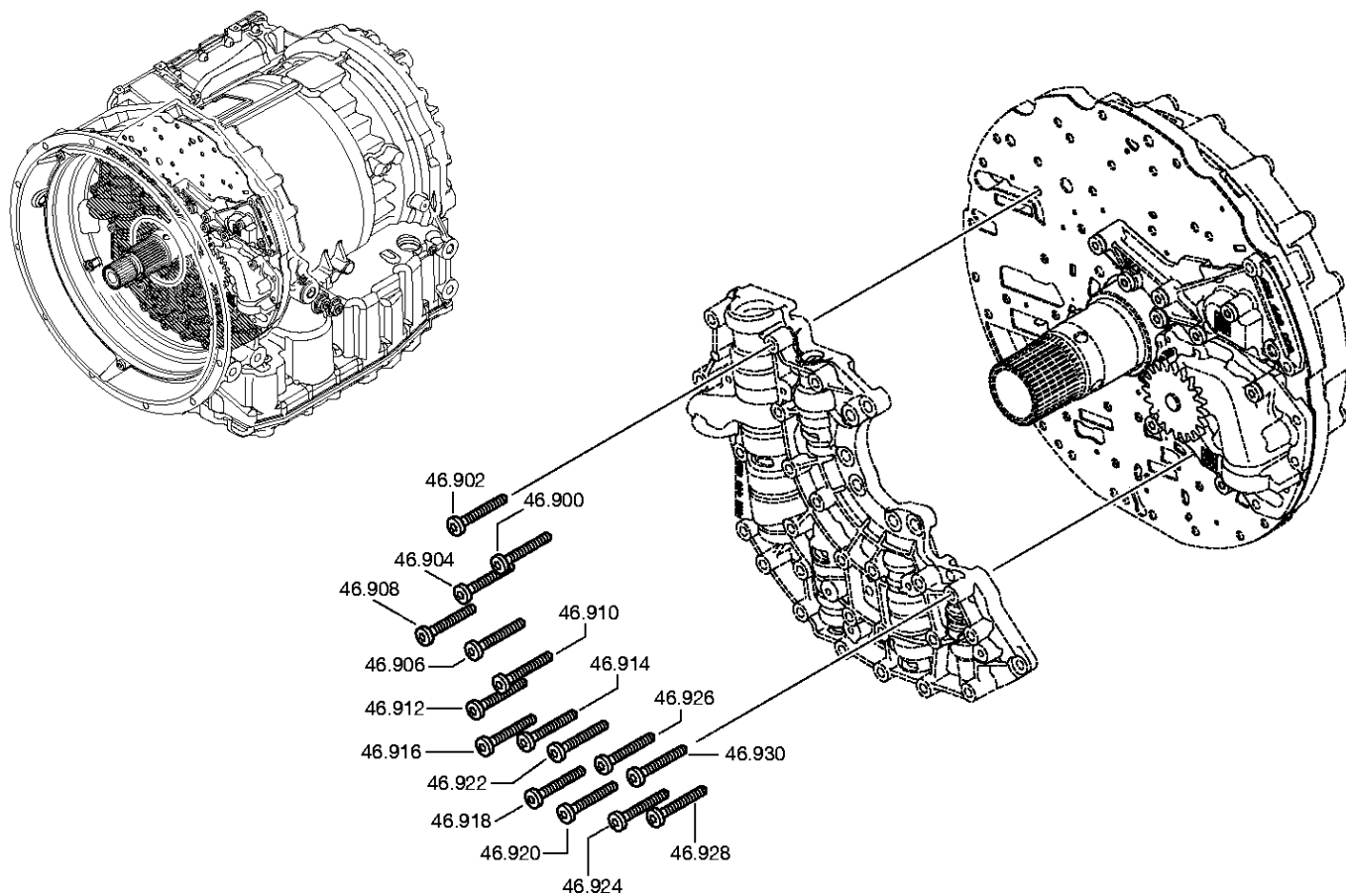
Material-assembly-group-no: 4181.144.802



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
964	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
966	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
968	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
970	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
972	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
974	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
976	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
978	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
980	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		







Parts list

Page 1 from 3

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.46.01-1

Material-assembly-group-no: 4181.146.005



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	4181.346.017		VALVE HOUSING	1		Z00001885310	DRUCKGUSS	0,000		
100	4181.346.048		PISTON	1		Z00017443312	SEG.2+3* KUEHLERUMSCHALTVENTIL *OELVERSORG*VENT.GEH	0,000		
110	0732.042.939		COMPRESSION SPRING	1				0,045		
130	4181.346.041		FIXING PLATE	1		C01000596F10	SEG.2+3* KUEHLERUMSCHALTVENTIL *OELVERSORGUNG*VENTILGEH	0,000		
200	4181.346.049		PISTON	1		Z00017552915	SEG.2+3* WANDLERGEGENDRUCKVENTIL *OELVERSORG*VENT.GEH	0,000		
210	0732.042.943		COMPRESSION SPRING	1			V2	0,000		
220	4181.346.056		PISTON	1		Z00017695513	SEG.2+3* WANDLERGEGEND R.VENT*VERSCHL*OELVERSORG*VENT.GEH	0,000		
230	4181.346.042		FIXING PLATE	1		C01000597F10	SEG.2+3*HDV* WGV*WSV*RRV *OELVERSORGUNG*VENTILGEH	0,009		
300	4181.346.055		PISTON	1		Z00017443317	SEG.2+3* HAUPTDRUCKVENTIL *OELVERSORG*VENT.GEH	0,000		
310	0732.042.905		COMPRESSION SPRING	1				0,000		
320	4181.346.051		PISTON	1		Z00017443314	SEG.2+3* HAUPTDRUCKVENTIL *VERSCHL*OELVERSORG*VENT.GEH	0,000		
330	4181.346.042		FIXING PLATE	1		C01000597F10	SEG.2+3*HDV* WGV*WSV*RRV *OELVERSORGUNG*VENTILGEH	0,009		

Parts list

Page 2 from 3

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.46.01-1

Material-assembly-group-no: 4181.146.005



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
400	4181.346.054		PISTON	1		Z00017443316	SEG.2+3* RETARDERREGELVENTIL * OELVERSORG*VENT.GEH	0,000		
410	0732.042.999		COMPRESSION SPRING	1			RRV	0,015		
420	4181.346.052		PISTON	1		Z00017443315	SEG.2+3* RETARDERREGELVENTIL* VERSCHL*OELVERSORG* VENT.GEH	0,000		
430	4181.346.042		FIXING PLATE	1		C01000597F10	SEG.2+3*HDV* WGV*WSV*RRV * OELVERSORGUNG* VENTILGEH	0,009		
500	4181.346.050		PISTON	1		Z00017443313	SEG.2+3* WANDLERSICHERHEITS VENTIL *OELVERSORG* VENT.GEH	0,000		
510	0732.042.973		COMPRESSION SPRING	1				0,000		
520	4181.346.053		PISTON	1		Z00017695512	SEG.2+3* WANDLERSICHERH.VENT* VERSCHL*OELVERSORG* VENT.GEH	0,000		
530	4181.346.042		FIXING PLATE	1		C01000597F10	SEG.2+3*HDV* WGV*WSV*RRV * OELVERSORGUNG* VENTILGEH	0,009		
900	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
902	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
904	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
906	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
908	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		

Parts list

Page 3 from 3

Material number: 4181.002.204

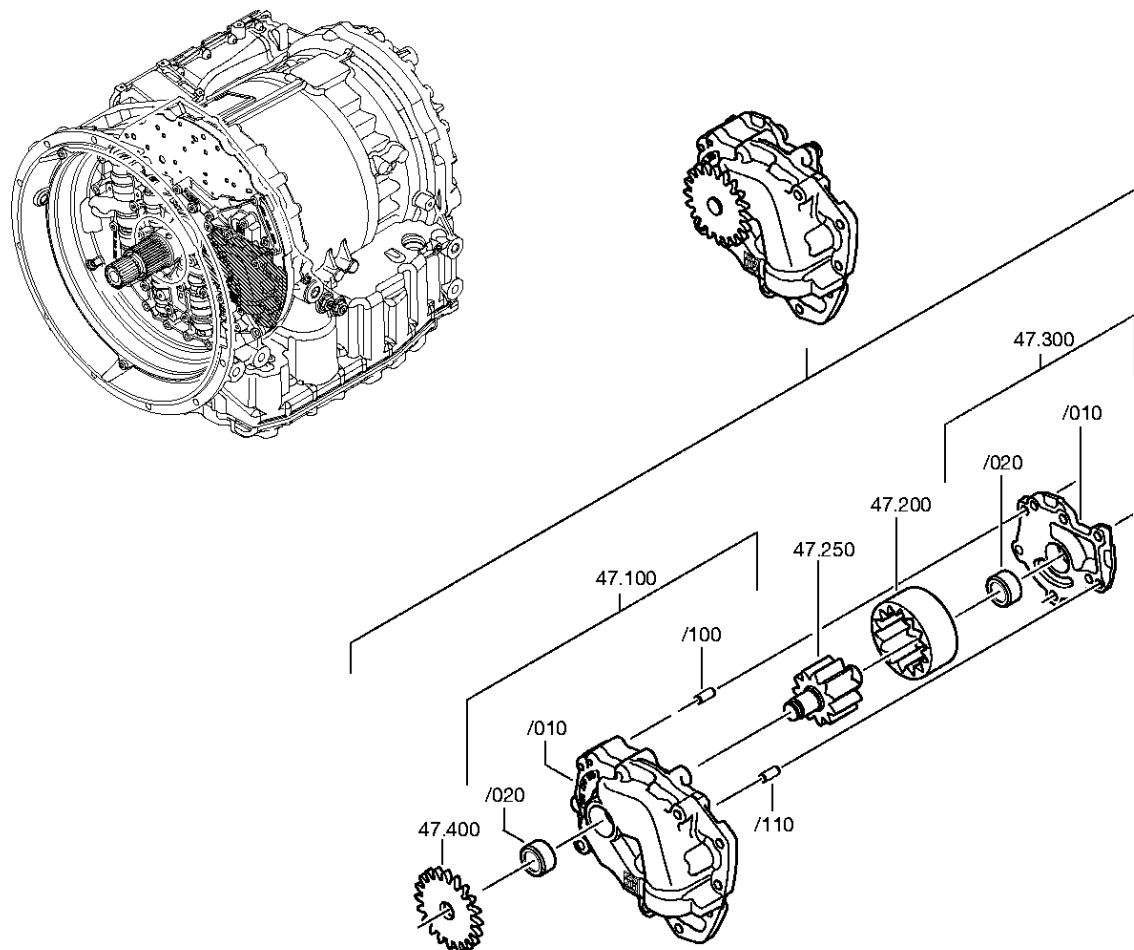
ECOLIFE / NOVABUS

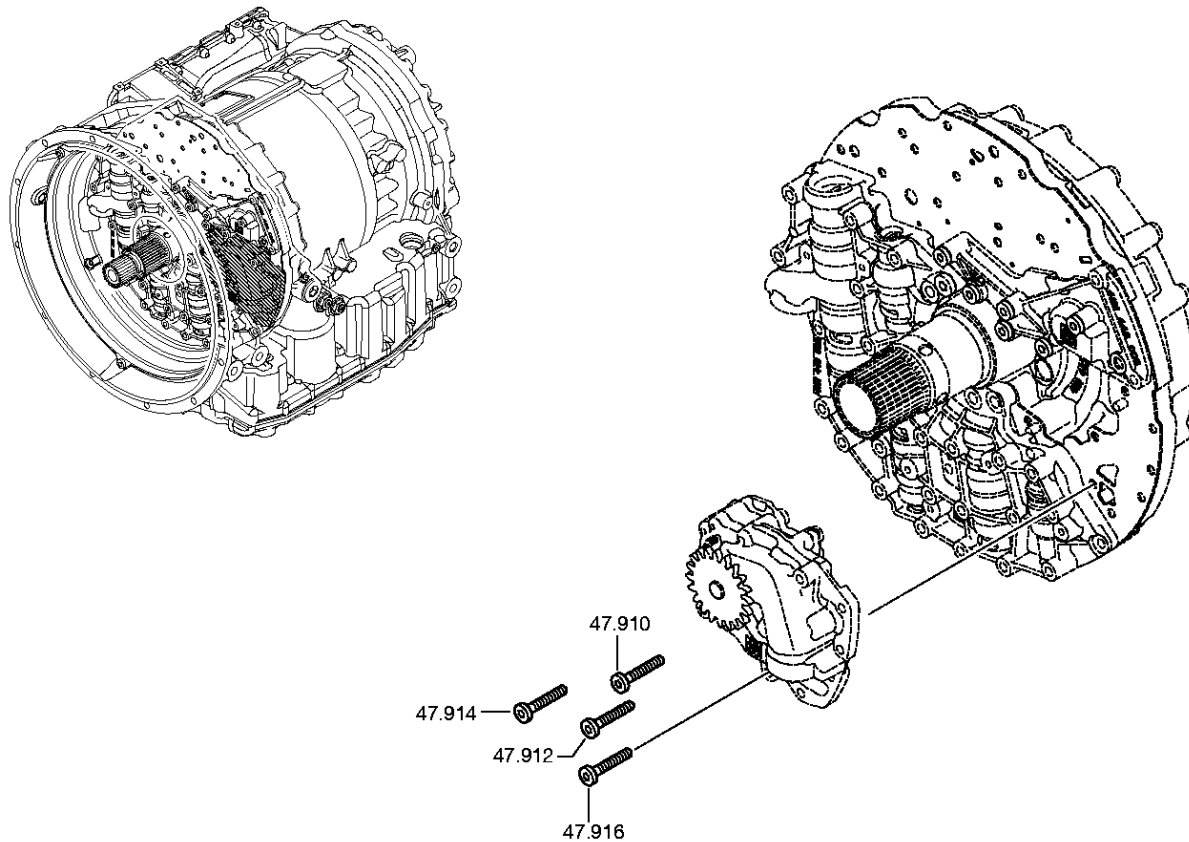
Plate: 130.46.01-1

Material-assembly-group-no: 4181.146.005



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
912	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
914	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
916	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
918	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
920	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
922	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
924	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
926	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
928	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
930	0736.300.202		HEXALOBULAR DRIVING SCREW	1		Z00009199010	M8X60 M8X60	0,000		
950	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		
952	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		
954	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		
956	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		
958	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		
960	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

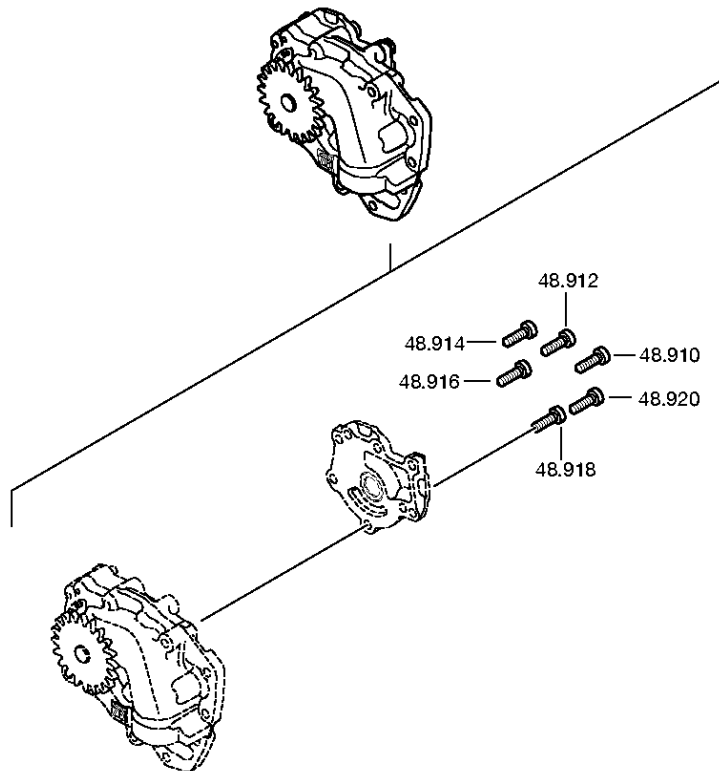
ECOLIFE / NOVABUS

Plate: 130.47.01-1

Material-assembly-group-no: 4181.147.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.247.017		PUMP HOUSING	1			KPL.	0,000		
/10	4181.347.027		PUMP HOUSING	1		Z00003355810	OELVERSORGUNG*SERIE	0,000		
/20	0750.115.560		NEEDLE SLEEVE	1		Z00017094610	19,1X29,1X16,0	0,000		
/100	0631.306.060		CYLINDRICAL PIN	1			8X16	7		
/110	0631.306.060		CYLINDRICAL PIN	1			8X16	7		
200	4181.347.016		RING GEAR	1			SEG.2+3 * OELVERSORGUNG *PRIMAERPUMPE	0,000		
250	4181.247.010		INPUT SHAFT	1			SEG.2+3 * OELVERSORGUNG *PRIMAERPUMPE	0,000		
/10	4181.347.017		INPUT SHAFT	1			PUMPE *V2*SINTER	0,000		
/20	4181.347.015		ROTOR	1			PUMPE *V2*SINTER	0,000		
300	4181.247.009		PUMP COVER	1			SEG.2+3 * OELVERSORGUNG *PRIMAERPUMPE	0,000		
/10	4181.347.014		PUMP COVER	1			V2	0,000		
/20	0750.115.560		NEEDLE SLEEVE	1		Z00017094610	19,1X29,1X16,0	0,000		
310	4181.147.803		PUMP COVER	1			SEG.2+3 * OELVERSORGUNG *PRIMAERPUMPE *M8X28	0,000		
400	4181.347.022		INPUT GEAR	1		Z00006904710	SEG.2+3 * OELVERSORGUNG *PRIMAERPUMPE	0,000		
910	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
912	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
914	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
916	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.48.80-1

Material-assembly-group-no: 4181.147.803



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
912	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
914	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
916	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
918	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
920	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		

Plant

Page 1 from 1

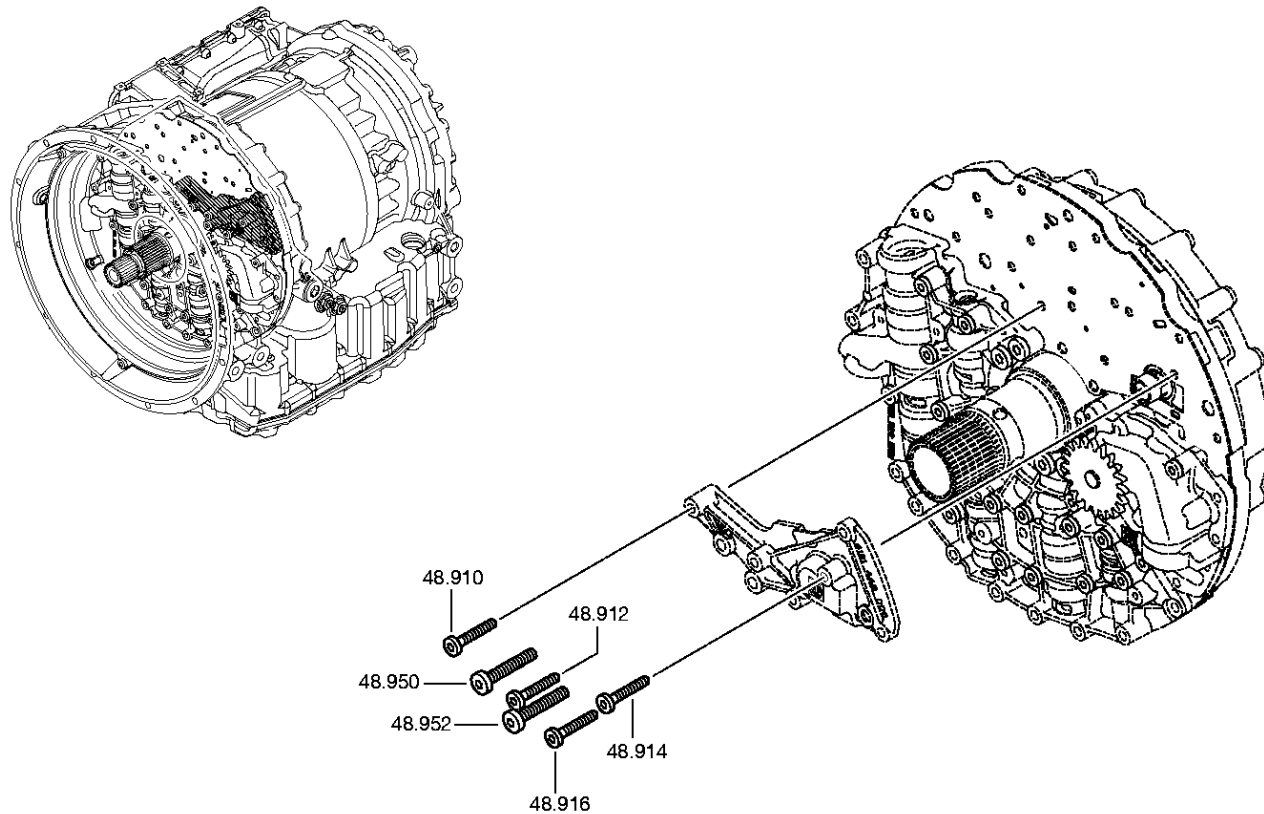
Material number: 4181.002.204

Plate: 130.49.80-1

Material-assembly-group-no: 4181.148.801

ECOLIFE / NOVABUS

SUPPORTING PLATE



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.49.80-1

Material-assembly-group-no: 4181.148.801



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
912	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
914	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
916	0736.300.201		HEXALOBULAR DRIVING SCREW	1		Z00009198910	M8X50 M8X50	0,000		
950	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		
952	0736.300.215		HEXALOBULAR DRIVING SCREW	1		Z00009174610	M10X60	0,000		

Plant

Page 1 from 1

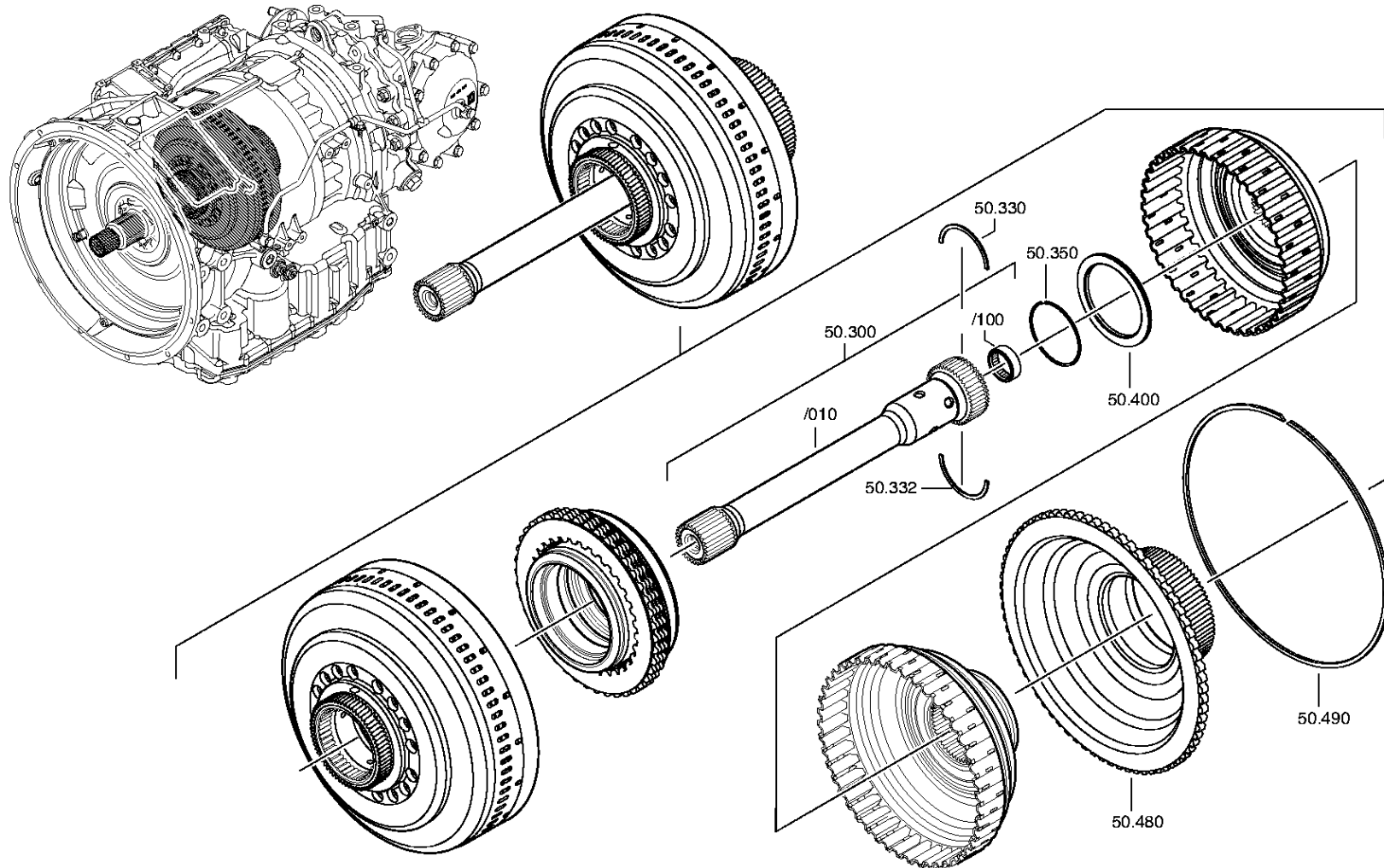
Material number: 4181.002.204

Plate: 130.50.01-1

Material-assembly-group-no: 4181.150.053

ECOLIFE / NOVABUS

CLUTCH UNIT A+B



Parts list

Page 1 from 1

Material number: 4181.002.204

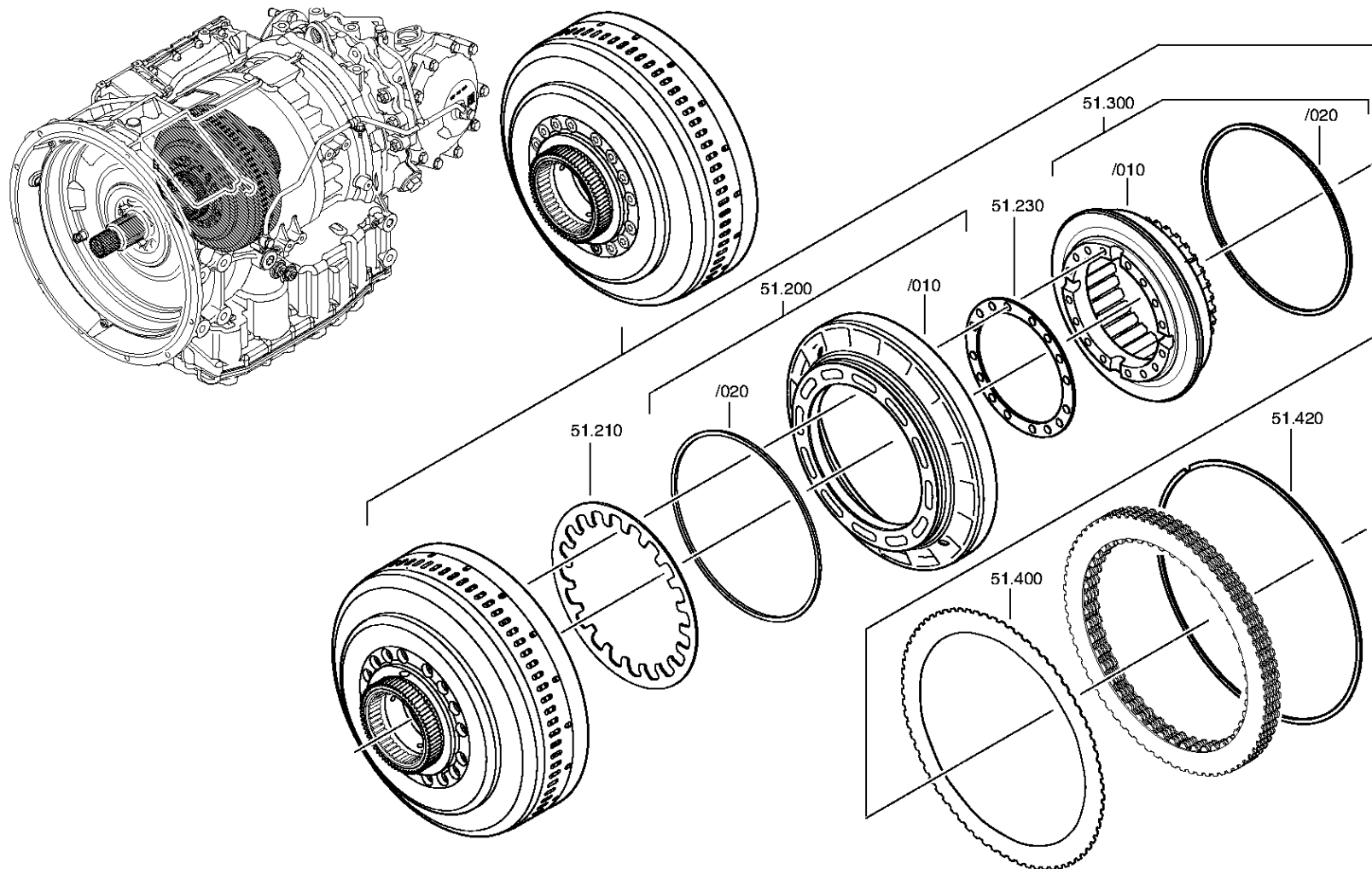
ECOLIFE / NOVABUS

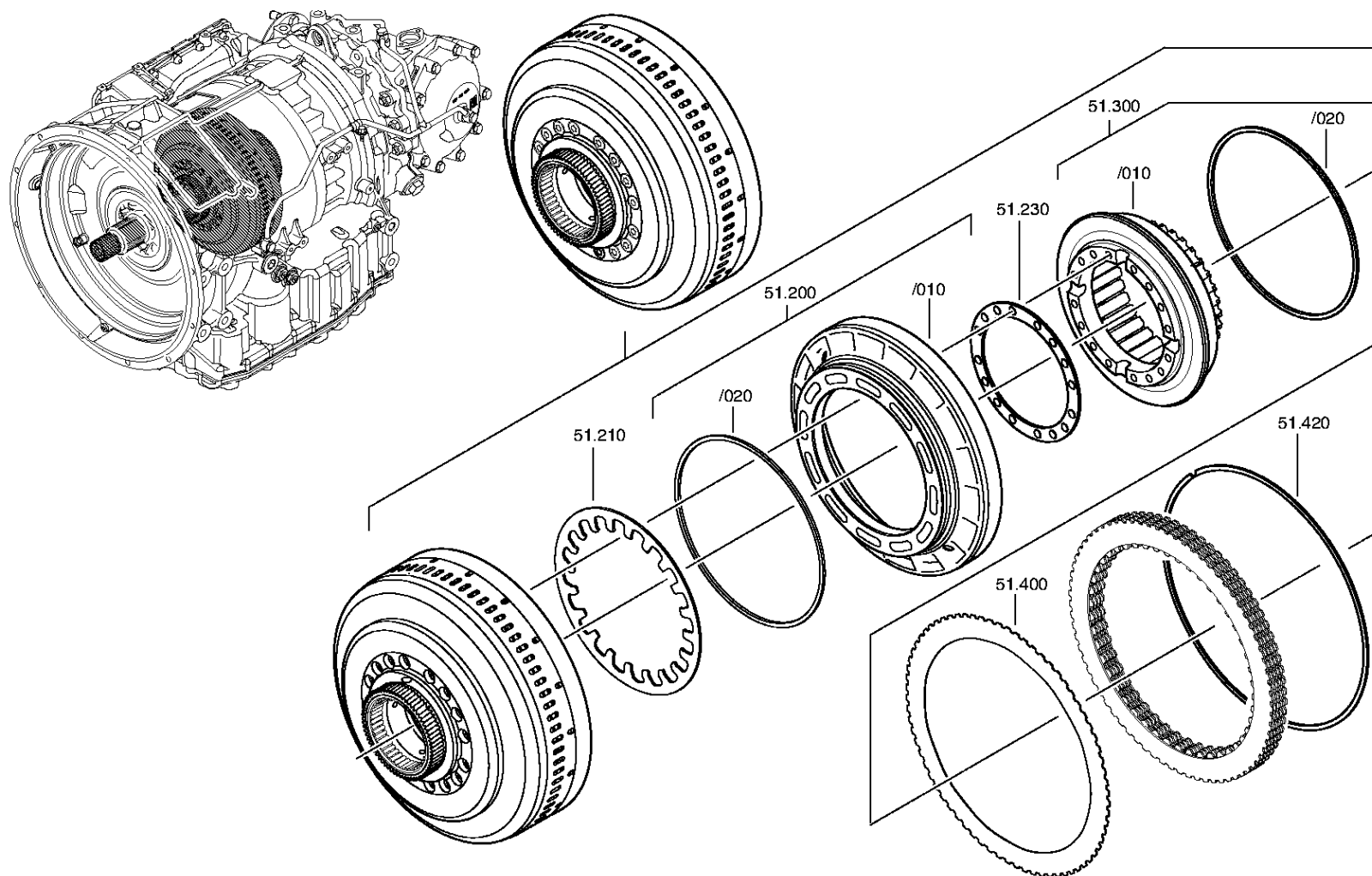
Plate: 130.50.01-1

Material-assembly-group-no: 4181.150.053



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.151.053		COUPLING B	1			ST/14 *SO/12	0,000		
200	4181.154.031		COUPLING A	1			ST/14 *SO/12	0,000		
300	4181.250.010		TURBINE SHAFT	1			ST/12-14 *SO/12-14 *D=35,0MM	0,000		
330	4181.350.023		SPLIT RING	1		Z00010838210	SEG.2+3 *KUPPLGS. EINHEIT A+B	0,000		
332	4181.350.023		SPLIT RING	1		Z00010838210	SEG.2+3 *KUPPLGS. EINHEIT A+B	0,000		
350	0730.514.001		RETAINING RING	1			A=2,30	0,000		
400	0735.368.151		AXIAL NEEDLE BEARING	1				0,000		
410	4181.157.002		INPUT SHAFT	1			SEG.2+3 *KUPPL.A *MITNAHME	0,000		
440	4181.158.006		QUILL SHAFT	1			ST/10-12-14*SO/12-14 *KUPPL.B *MITNAHME	0,000		
480	4181.295.050		SUN GEAR	1			SEG.2+3 *KUPPLGS. EINHEIT A+B	0,000		
490	0730.513.992		SNAP RING	1				0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

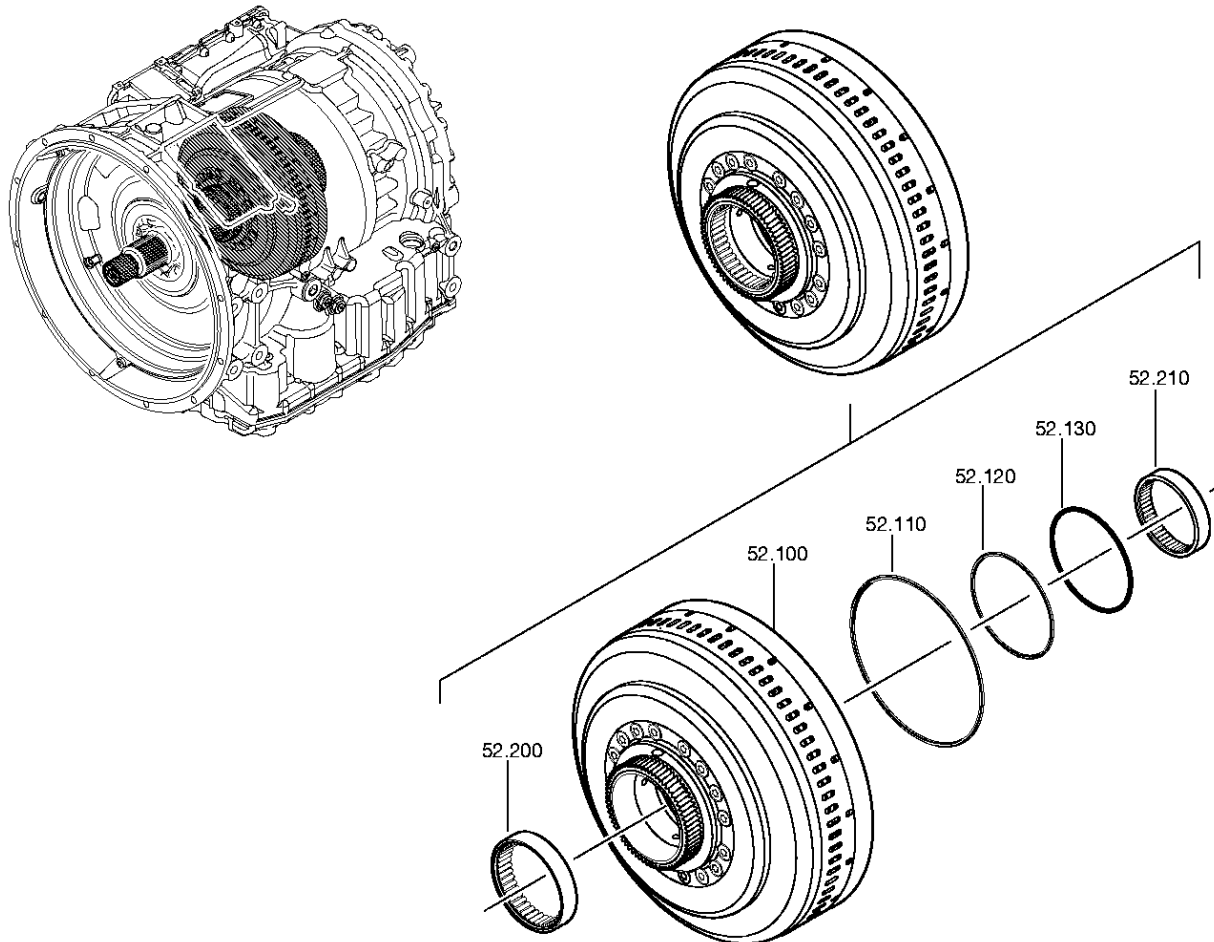
ECOLIFE / NOVABUS

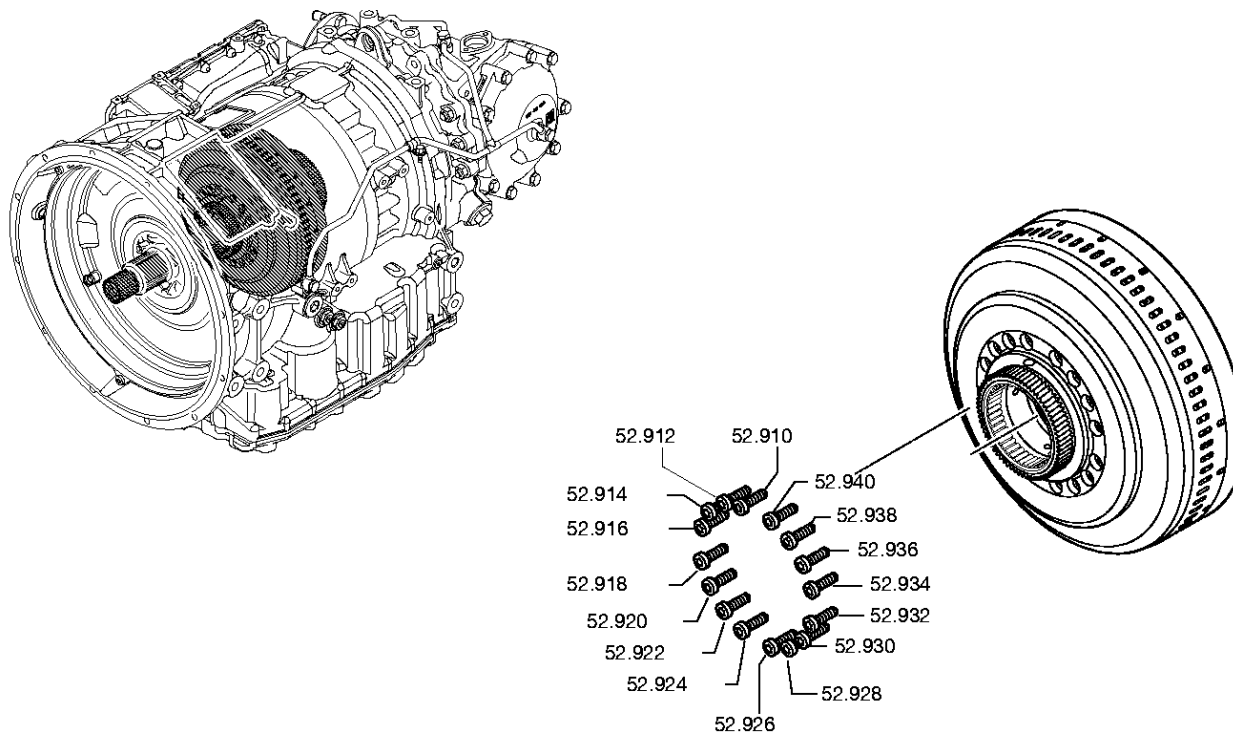
Plate: 130.51.02-1

Material-assembly-group-no: 4181.151.053



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.152.007		HUB	1			KUPPL.A/B *SEG2+3*V2.1*EB*MX295	0,000		
200	4181.251.052		PISTON	1			ST/12-14 *SO/12-14 *KUPPL.B	0,000		
/10	4181.351.011		PISTON	1			*KUPPL.B*ST/12-14*SO/12-14*DG	0,000		
/20	0501.324.122		SEALING RING	1		Z00002393616	A*AUSSENKOLBEN B	0,000		
200	4181.251.054		PISTON	1			ST/17-20 *SO/17-20*SO.2 *KUPPL.B	0,000		
/10	4181.351.012		PISTON	1			*KUPPL.B*ST/17-20*SO/17-20*SO.2	0,000		
/20	0501.324.122		SEALING RING	1		Z00002393616	A*AUSSENKOLBEN B	0,000		
210	0501.321.662		CUP SPRING	1				0,000		
230	0501.214.932		GASKET	1				0,000		
300	4181.251.031		OIL DAM	1			ST/14 *SO/12 *KUPPL.B* LAM.TR.KUPPL.A	0,000		
/10	4181.295.057		OIL DAM	1			KPL*KUPPL.B *ST/14*SO/12	0,000		
/20	0501.322.865		SEALING RING	1			STAUSCHEIBE KUPPL.B *FPM 07770	0,000		
300	4181.251.032		OIL DAM	1			ST/17-20 *SO/14 *KUPPL.B*LAM.TR.KUPPL.A	0,000		
/10	4181.295.058		OIL DAM	1			KPL*KUPPL.B *ST/17-20*SO/14	0,000		
/20	0501.322.865		SEALING RING	1			STAUSCHEIBE KUPPL.B *FPM 07770	0,000		
320	4181.152.804		OIL DAM	1			M8X28*KUPPL.B *V2.1	0,000		
400	4181.327.001		WAVE SPRING	1			BREMSE B/D/E	0,000		
410	4181.128.011		MULTIDISK PACKAGE	1			ST*10-E*12-B-D-E*14-B-F *SO*12-B-D-E-F*14-B*	0,000		
410	4181.128.012		MULTIDISK PACKAGE	1			ST*14-D-E*17-B-D-E-F*20-B-F*SO*14-D-E-F*17-B-D-E*20-B*SO.2-B	0,000		
420	0730.513.975		SNAP RING	1			GEWELT	0,000		





Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.52.01-1

Material-assembly-group-no: 4181.152.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.295.064		HUB	1		Z00006519110	SEG.2+3 *KUPPLGS. EINHEIT A+B	0,000		
110	0501.322.857		SEALING RING	1			A*INNEN*NABE+KOLBEN B *FPM 07770	0,000		
120	0501.322.858		SEALING RING	1			A*INNEN*NABE+KOLBEN A *FPM 07770	0,000		
130	0501.322.910		O-RING	1			95X2,5*75FPM606	0,000		
200	0735.298.307		NEEDLE SLEEVE	1			72,0X79,0X16,0 FA.INA	0,000		
210	0735.298.306		NEEDLE SLEEVE	1			84,0X91,0X16,0 FA.INA	0,000		
910	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
912	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
914	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
916	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
918	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
920	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
922	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
924	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
926	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
928	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
930	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
932	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
934	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.52.01-1

Material-assembly-group-no: 4181.152.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
936	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
938	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
940	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		

Plant

Page 1 from 2

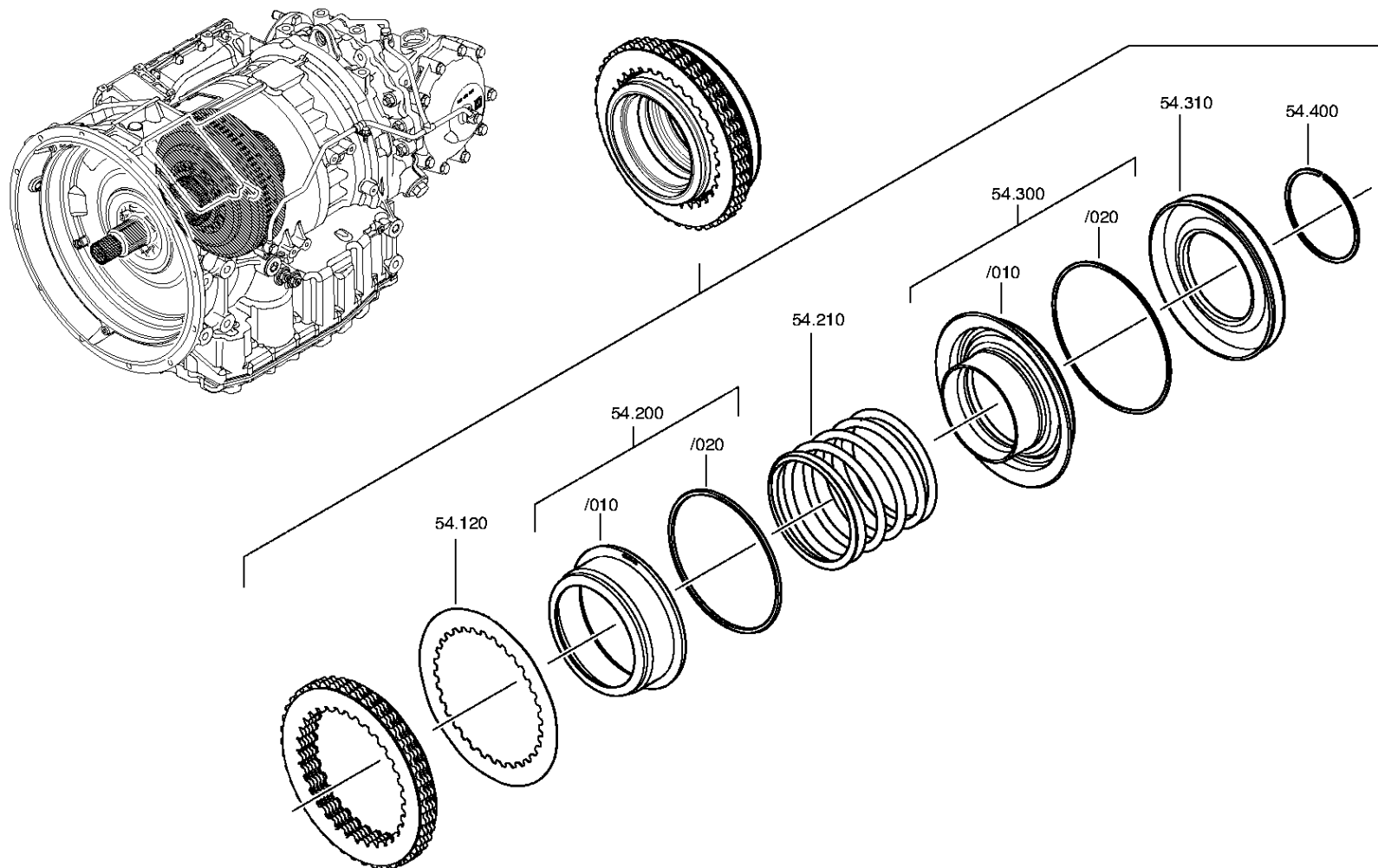
Material number: 4181.002.204

Plate: 130.54.01-1

Material-assembly-group-no: 4181.154.031

ECOLIFE / NOVABUS

COUPLING A



Plant

Page 2 from 2

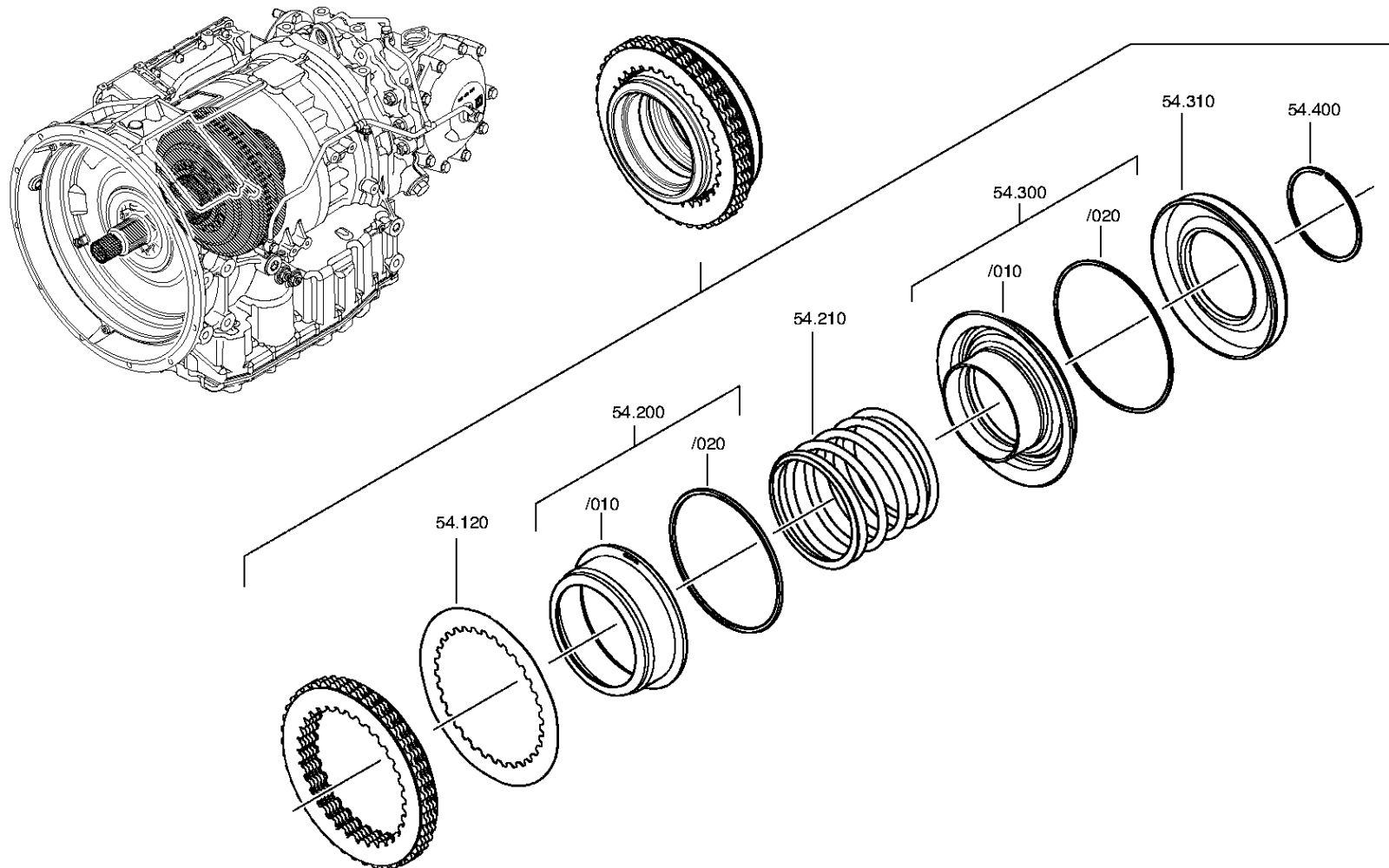
Material number: 4181.002.204

Plate: 130.54.01-1

Material-assembly-group-no: 4181.154.031

ECOLIFE / NOVABUS

COUPLING A



Parts list

Page 1 from 1

Material number: 4181.002.204

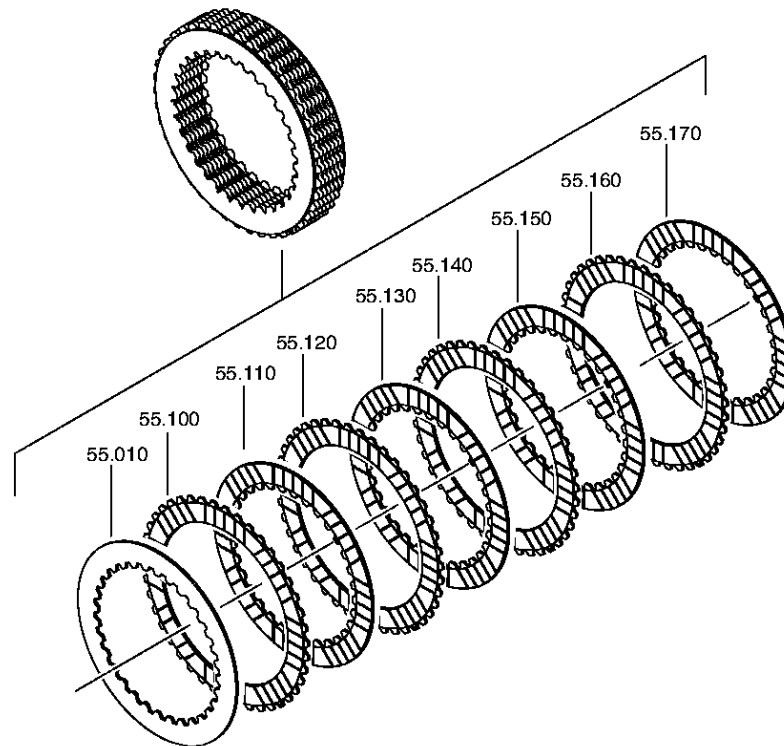
ECOLIFE / NOVABUS

Plate: 130.54.01-1

Material-assembly-group-no: 4181.154.031



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.155.011		MULTIDISK PACKAGE	1			ST*14-A *SO*12-A	0,000		
100	4181.155.012		MULTIDISK PACKAGE	1			ST*17-A*20-A *SO*14-A	0,000		
200	4181.254.006		OIL DAM	1			KPL.KUPPL.A *FPM07770	0,000		
/10	4181.354.001		OIL DAM	1			KUPPL.A *SEG2+3	0,000		
/20	0501.322.864		LIPPED SEAL RING	1			STAUSCHEIBE KUPPL.A *FPM 07770	0,000		
210	0732.042.962		COMPRESSION SPRING	1			KUPPLUNG A	0,000		
300	4181.254.008		PISTON	1			KPL.KUPPL.A *FPM07770	0,000		
/10	4181.354.008		PISTON	1		Z00004926910	KUPPL.A*ZW-LOESUNG* R=0,5	0,000		
/20	0501.322.860		SEALING RING	1			A*AUSSEN*KOLBEN A *FPM 07770	0,000		
310	4181.354.006		PRESSURE DISK	1			SEG.2+3 *KUPPLUNG A	0,000		
400	0730.514.788		SNAP RING	1		Z00011440810	SEG.2+3 *KUPPLUNG A A=2,5	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.55.02-1

Material-assembly-group-no: 4181.155.011



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	---		END DISC	1		Z00006136210	H= 1,40- 2,34	0,000		
---	4181.355.024		END DISC	1		Z00006136212	A=2,34 *A	0,000		
---	4181.355.025		END DISC	1		Z00006136212	A=1,90 *A	0,000		
---	4181.355.026		END DISC	1		Z00006136212	A=1,40 *A	0,000		
100	4181.295.066		LINED CLUTCH DISK	1			SEG.2+3 *KUPPL.A* AUSSEN *GEBEIZT	0,000		
110	4181.295.065		LINED CLUTCH DISK	1		Z00014272710	SEG.2+3 *KUPPL.A*INNEN *GEBEIZT	0,000		
120	4181.295.066		LINED CLUTCH DISK	1			SEG.2+3 *KUPPL.A* AUSSEN *GEBEIZT	0,000		
130	4181.295.065		LINED CLUTCH DISK	1		Z00014272710	SEG.2+3 *KUPPL.A*INNEN *GEBEIZT	0,000		
140	4181.295.066		LINED CLUTCH DISK	1			SEG.2+3 *KUPPL.A* AUSSEN *GEBEIZT	0,000		
150	4181.295.065		LINED CLUTCH DISK	1		Z00014272710	SEG.2+3 *KUPPL.A*INNEN *GEBEIZT	0,000		
160	4181.295.066		LINED CLUTCH DISK	1			SEG.2+3 *KUPPL.A* AUSSEN *GEBEIZT	0,000		
170	4181.295.065		LINED CLUTCH DISK	1		Z00014272710	SEG.2+3 *KUPPL.A*INNEN *GEBEIZT	0,000		

Plant

Page 1 from 1

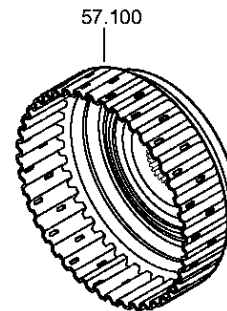
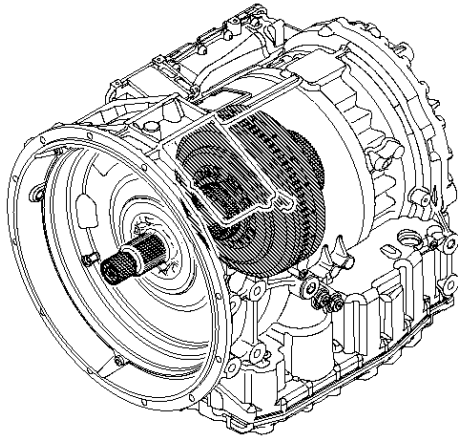
Material number: 4181.002.204

Plate: 130.57.01-1

Material-assembly-group-no: 4181.157.002

ECOLIFE / NOVABUS

INPUT SHAFT



Parts list

Page 1 from 1

Material number: 4181.002.204

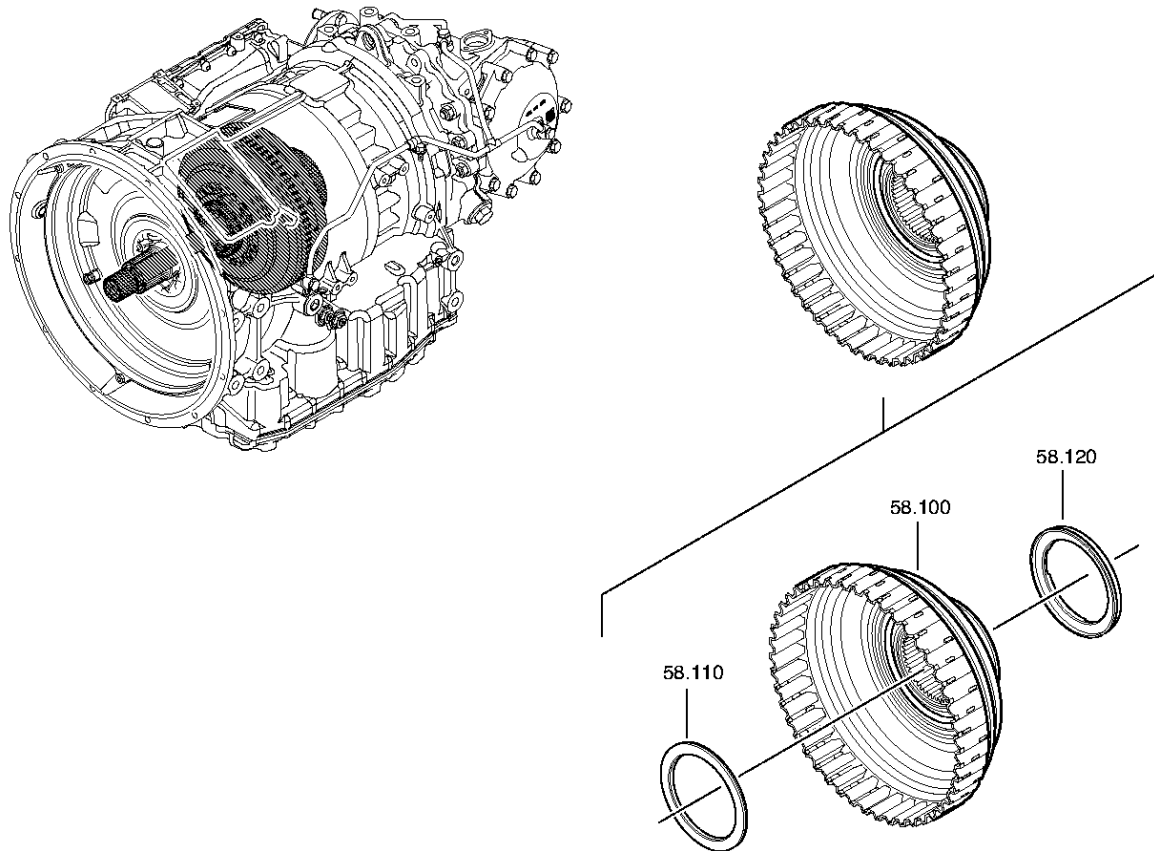
ECOLIFE / NOVABUS

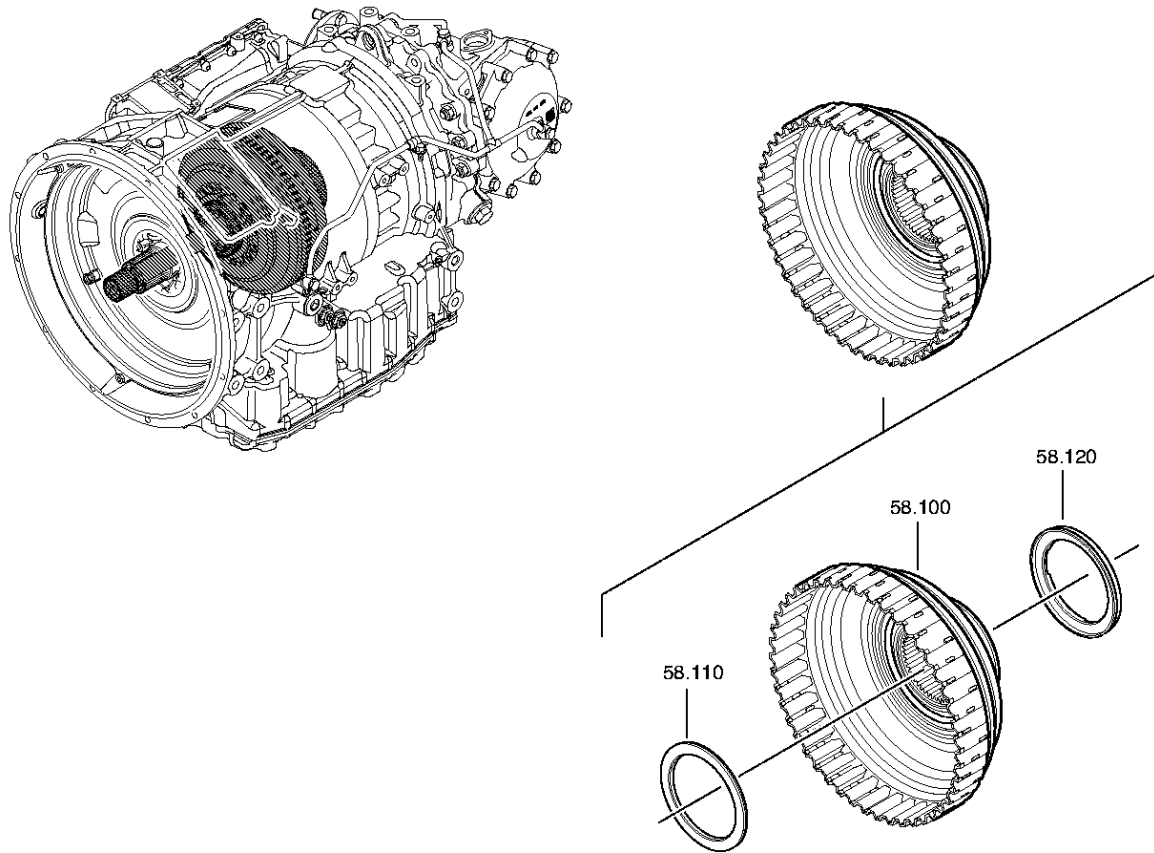
Plate: 130.57.01-1

Material-assembly-group-no: 4181.157.002



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.295.068		INPUT SHAFT	1		Z00015607710	KPL.KUPPL.A*SEG2-3*N- OPTIM.*RING 3MM VERS.	0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

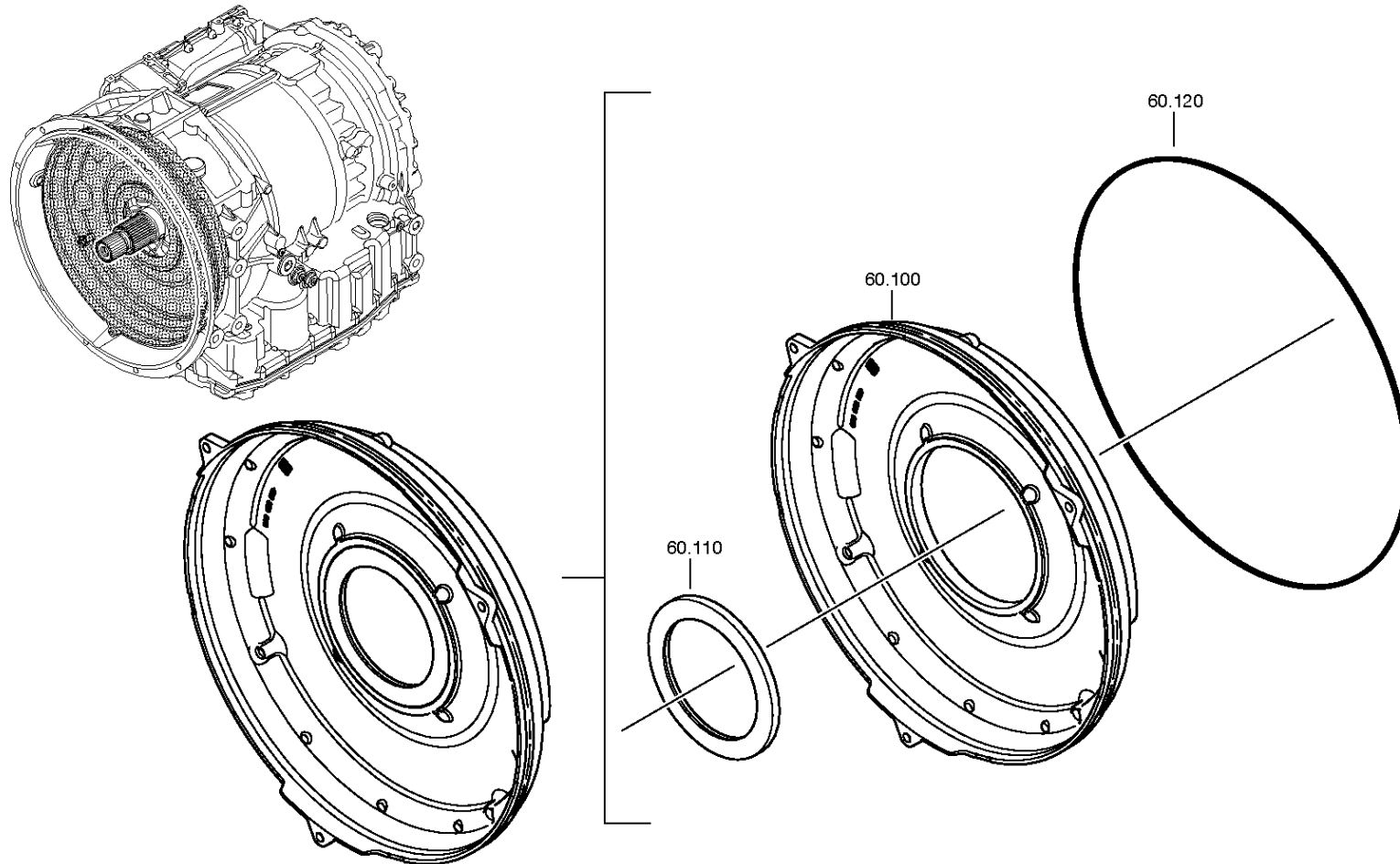
ECOLIFE / NOVABUS

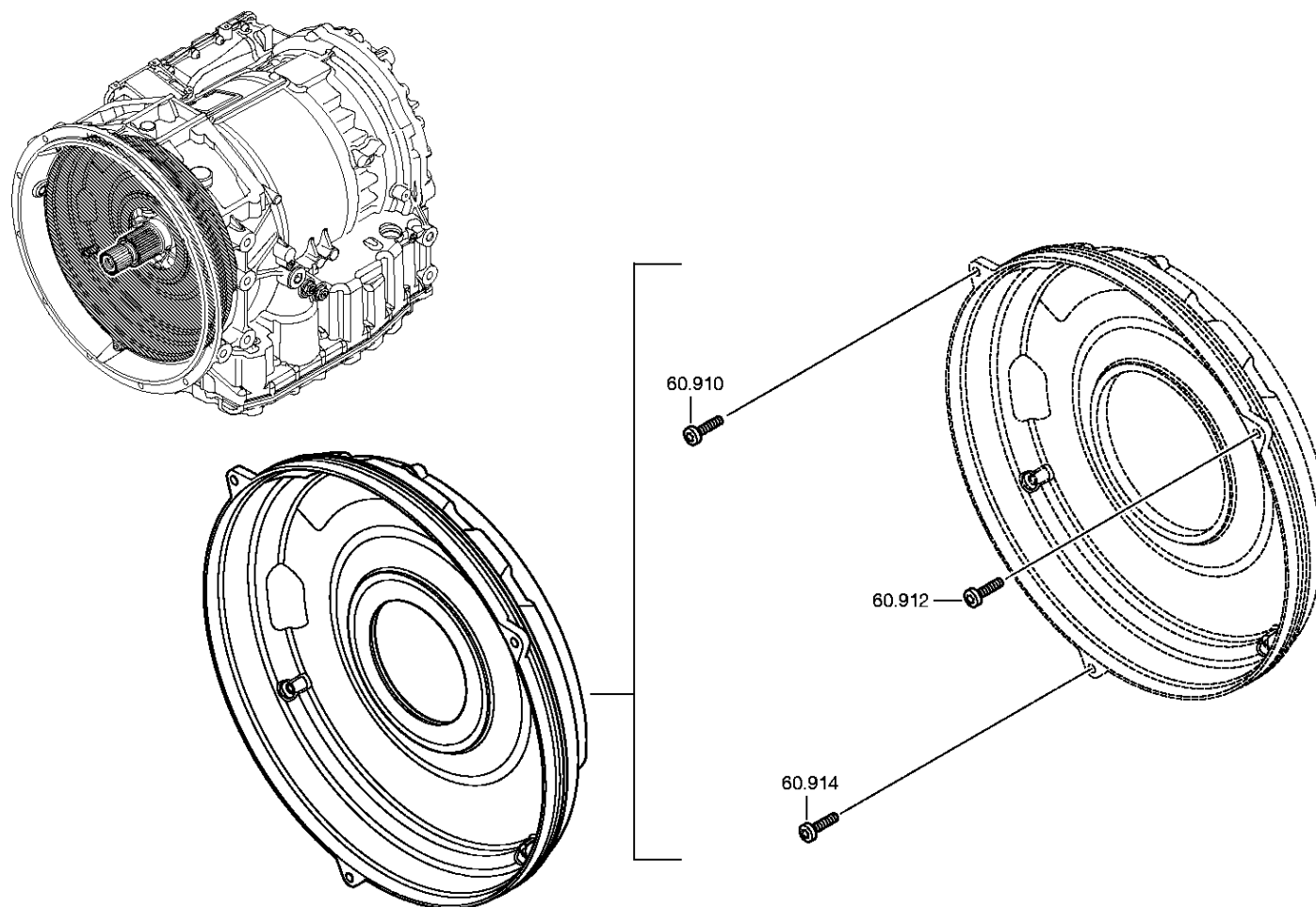
Plate: 130.58.02-1

Material-assembly-group-no: 4181.158.006



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.295.048		QUILL SHAFT	1			KPL.KUPPL.B*MITNAHME *ST/17-20 *SO/17-20*SO. 2/20	0,000		
100	4181.295.049		QUILL SHAFT	1		C01009755E10	KPL.KUPPL.B*MITNAHME * ST/10-12-14*SO/12-14	0,000		
110	0735.368.151		AXIAL NEEDLE BEARING	1				0,000		
110	0735.368.151		AXIAL NEEDLE BEARING	1				0,000		
120	0735.368.152		AXIAL NEEDLE BEARING	1			80,8X103,8X6,01 FA.INA	0,000		
120	0735.368.152		AXIAL NEEDLE BEARING	1			80,8X103,8X6,01 FA.INA	0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.60.02-1

Material-assembly-group-no: 4181.160.050



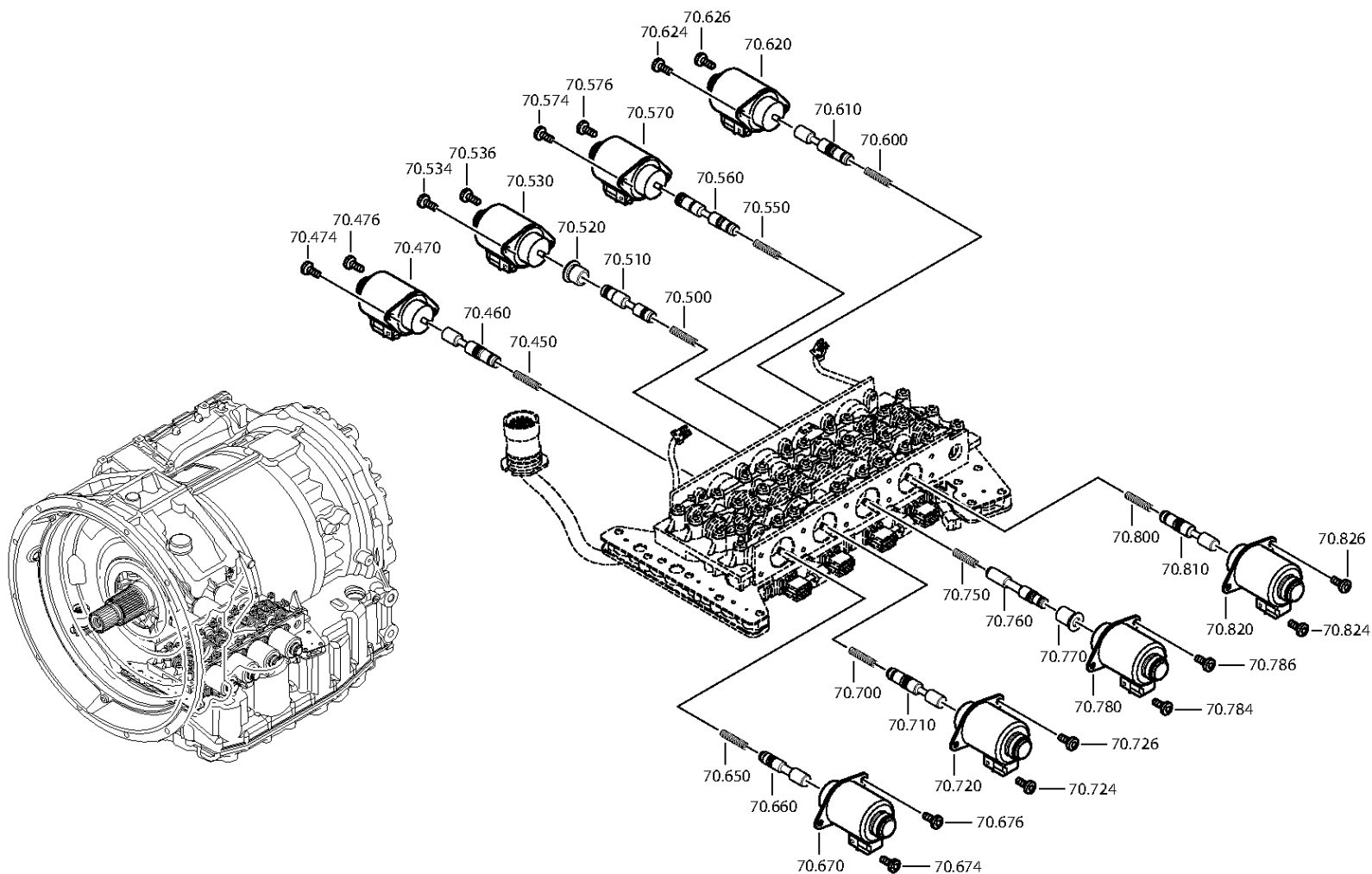
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.360.003		COVER PLATE	1				0,000		
110	0734.319.791		SHAFT SEAL	1			130X170X12 FA.CFW	0,000		
120	0501.325.573		O-RING	1			435X3,5*FPMX295	0,000		
910	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
912	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
914	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		

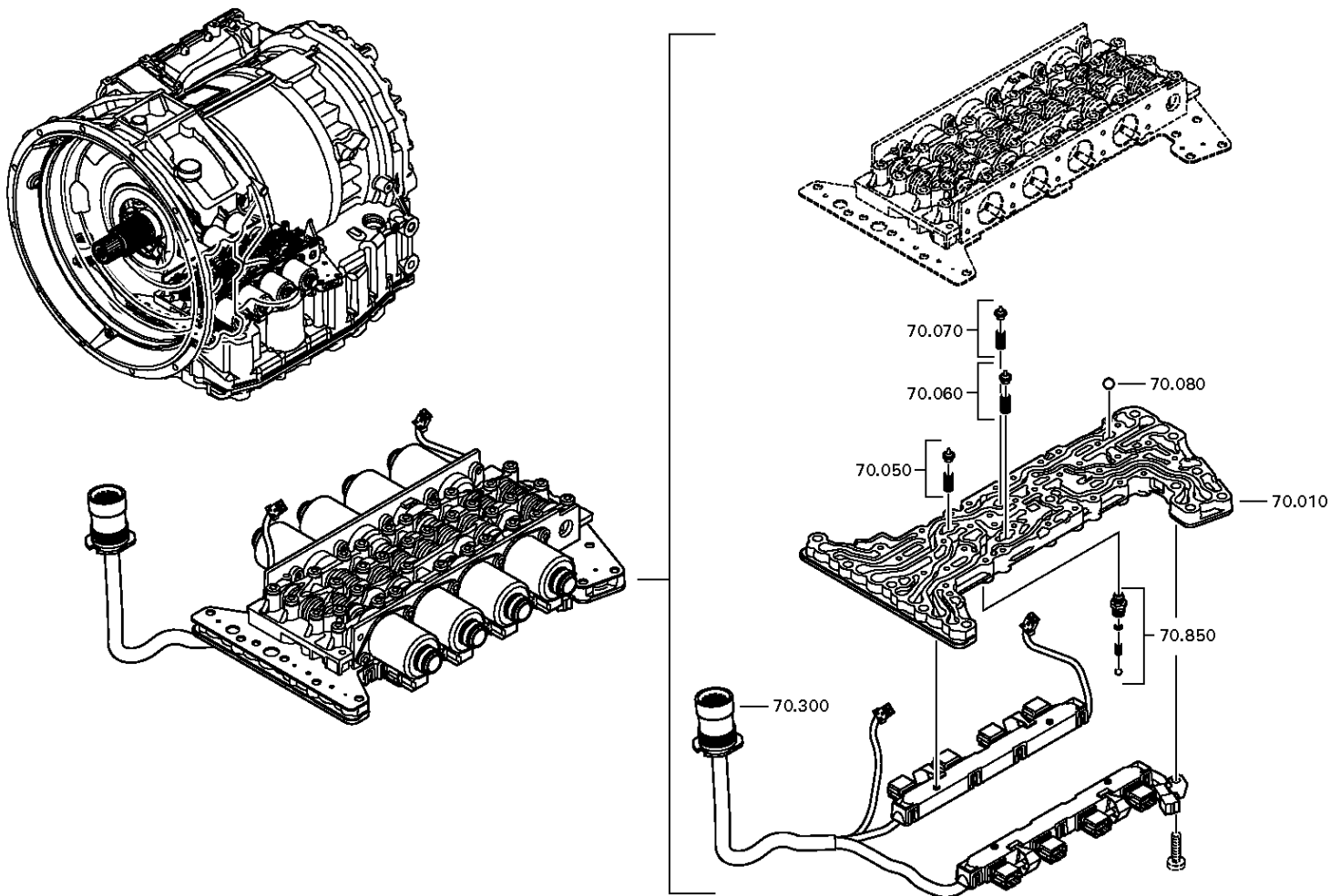
Plant

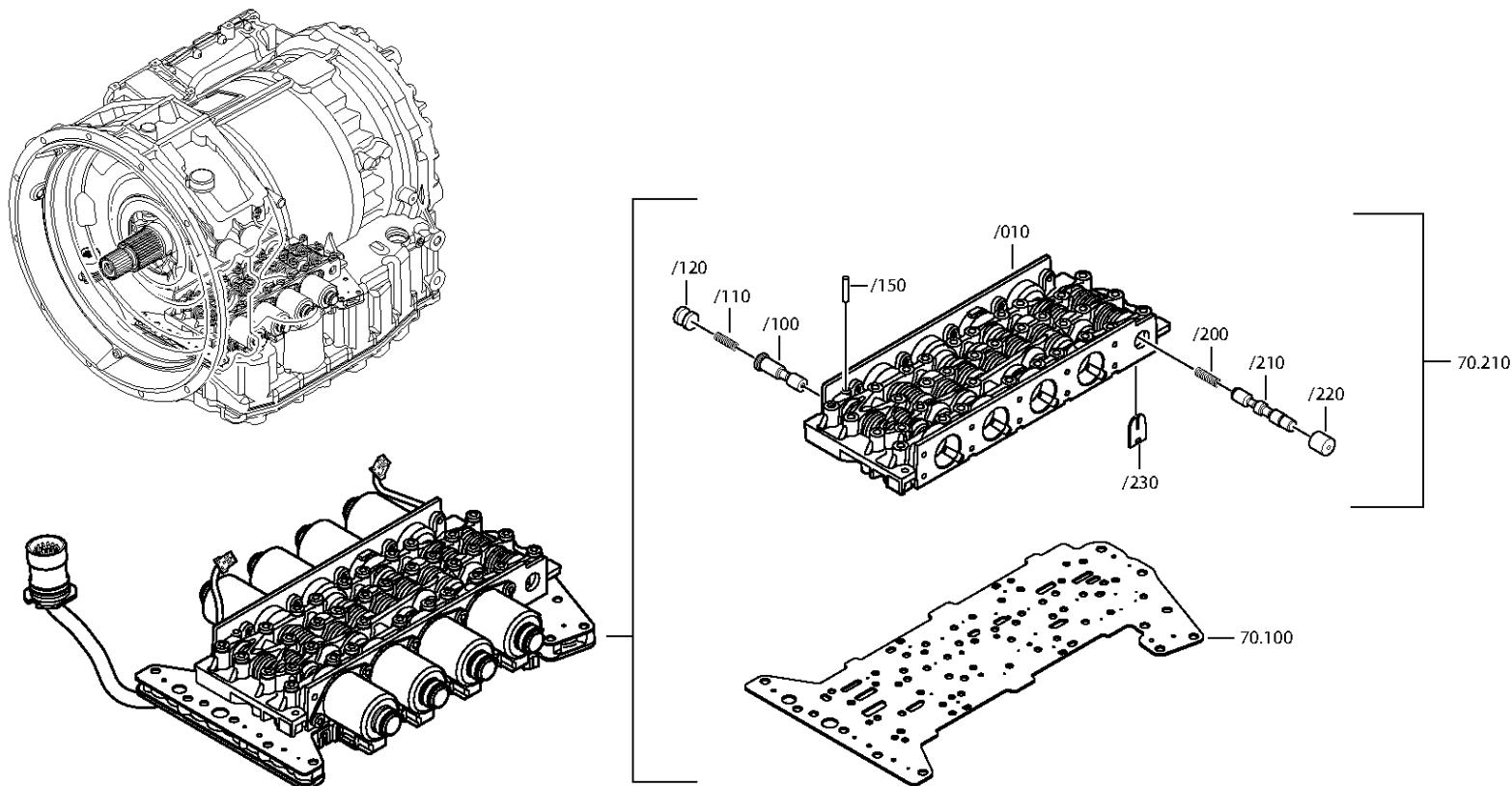
Page 1 from 4

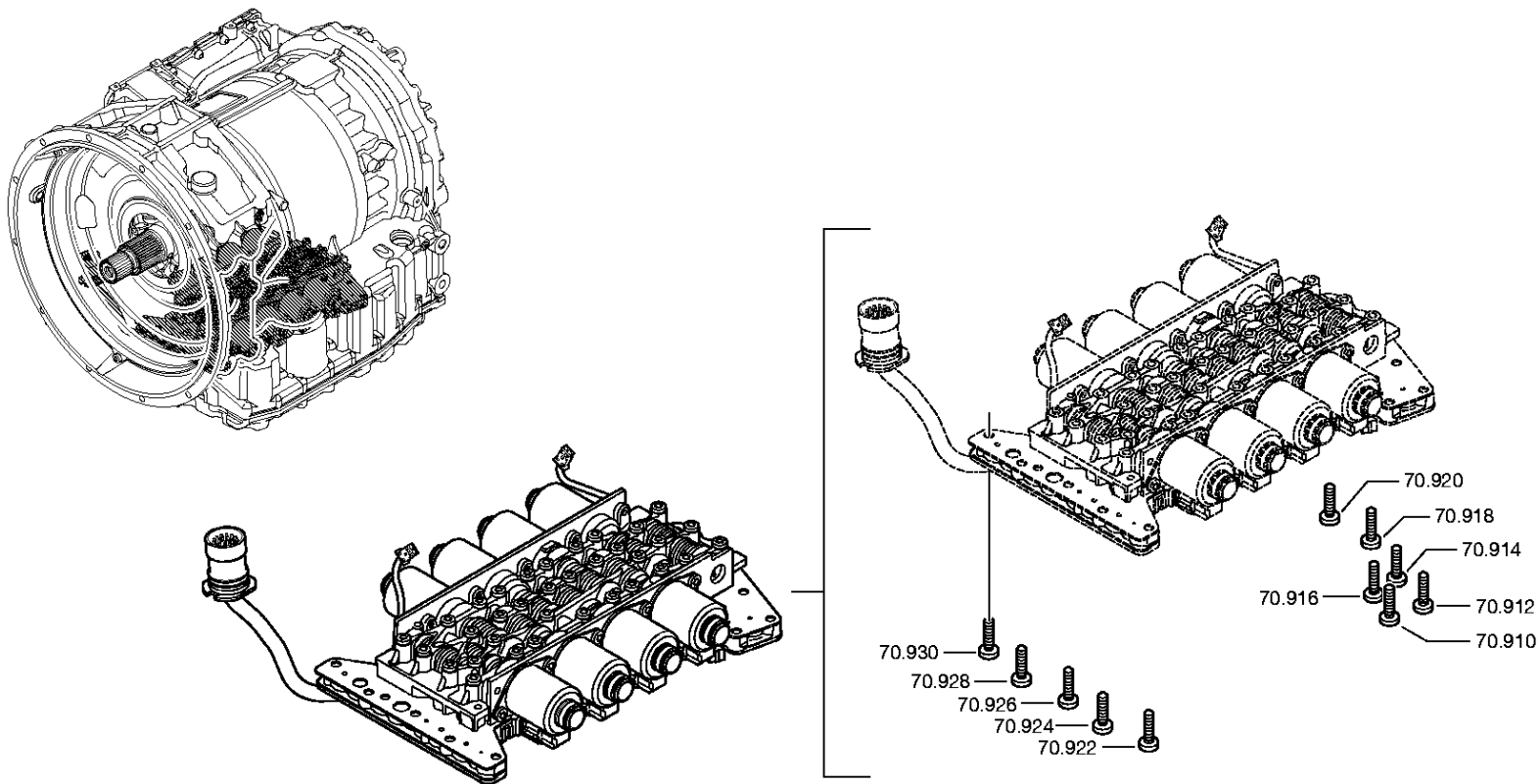
Material number: 4181.002.204
Plate: 130.70.01-1
SHIFT CONTROL

ECOLIFE / NOVABUS
SHIFT CONTROL









Parts list

Page 1 from 4

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.70.01-1

Material-assembly-group-no: 4181.170.016



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	4181.370.080		DUCT PLATE	1			SCHALTSTEUERUNG *V2.1*DRUCKG	0,000		
50	1068.227.022		VALVE	1				0,800		
60	1068.227.022		VALVE	1				0,800		
70	1068.227.022		VALVE	1				0,800		
80	0635.460.021		BALL	1			10	0,010		
100	4181.370.081		INTERMEDIATE SHEET	1			SCHALTSTEUERUNG	0,000		
210	4181.270.021		VALVE BLOCK	1			KPL.SCHALTSTEUERUNG *DRUCKG	0,000		
/10	4181.370.067		VALVE BLOCK	1			SCHALTSTEUERUNG *V2.1*DRUCKG*LD-GETR.	0,000		
/100	4181.370.101		PISTON	1		Z00017695511	SEG.2+3 * SCHALTSTEUERUNG	0,000		
/110	0732.042.100		COMPRESSION SPRING	1				0,002		
/120	4181.370.102		PLUG	1		Z00017443311	SEG.2+3 * SCHALTSTEUERUNG *6082	0,000		
/150	0631.306.050		CYLINDRICAL PIN	1			6X28	0,000		
/200	0732.042.100		COMPRESSION SPRING	1				0,002		
/210	4181.370.100		PISTON	1		Z00017552914	SEG.2+3* UMSCHALTVENTIL FD * SCHALTSTEUERUNG	0,000		
/220	4181.370.072		SLEEVE	1			UMSCHALTVENTIL FD *V2.1*VENT.BLOCK* SCHALTSTEUERUNG	0,000		
/230	4181.370.092		FIXING PLATE	1		Z00020919910	SEG.2+3* UMSCHALTVENTIL FD * SCHALTSTEUERUNG* VENTILBL.	0,000		
250	4181.170.803		VALVE BLOCK	1			M6X55*Z.BLECH-KANALPLATTE *V2.0	0,000		
300	6029.039.090		CABLE ECOLIFE	1		Z00016434410	INT. KABELBAUM, FORMSCHLAUCH, FF-STECKER, SN*GAL	414,500		
450	0732.042.100		COMPRESSION SPRING	1				0,002		

Parts list

Page 2 from 4

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.70.01-1

Material-assembly-group-no: 4181.170.016



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
460	4181.370.095		PISTON	1		Z00017552910	SEG.2+3*KUPPL. A/B*BREMSE E/F * SCHALTSTEUERUNG	0,000		
470	0501.323.553		MAGNET	1				0,000		
474	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
476	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
500	0732.042.100		COMPRESSION SPRING	1				0,002		
510	4181.370.096		PISTON	1		Z00017552911	SEG.2+3* WANDLERUEBERB R.KUPPL*WK * SCHALTSTEUERUNG	0,000		
520	4181.370.017		SLEEVE	1			WANDLERUEBERBR. KUPPL*WK * SCHALTSTEUERUNG	0,000		
530	0501.323.553		MAGNET	1				0,000		
534	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
536	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
550	0732.042.100		COMPRESSION SPRING	1				0,002		
560	4181.370.099		PISTON	1		Z00017552913	SEG.2+3*BREMSE D * SCHALTSTEUERUNG	0,000		
570	0501.323.553		MAGNET	1				0,000		
574	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
576	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
600	0732.042.100		COMPRESSION SPRING	1				0,002		
610	4181.370.095		PISTON	1		Z00017552910	SEG.2+3*KUPPL. A/B*BREMSE E/F * SCHALTSTEUERUNG	0,000		
620	0501.323.553		MAGNET	1				0,000		

Parts list

Page 3 from 4

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.70.01-1

Material-assembly-group-no: 4181.170.016



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
624	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
626	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
650	0732.042.100		COMPRESSION SPRING	1				0,002		
660	4181.370.097		PISTON	1		Z00017552912	SEG.2+3*VORST.DR. RET.REGELVENT*RR3* SCHALTSTEUERUNG	0,000		
670	0501.323.553		MAGNET	1				0,000		
674	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
676	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
700	0732.042.100		COMPRESSION SPRING	1				0,002		
710	4181.370.095		PISTON	1		Z00017552910	SEG.2+3*KUPPL. A/B*BREMSE E/F * SCHALTSTEUERUNG	0,000		
720	0501.323.553		MAGNET	1				0,000		
724	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
726	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
750	0732.041.979		COMPRESSION SPRING	1				0,000		
760	4181.370.098		PISTON	1		Z00017443310	SEG.2+3*VORST.DR. HAUPTDRUCK*RHD * SCHALTSTEUERUNG	0,000		
770	4181.370.077		SLEEVE	1			VORST.DR.HAUPTDRUCK* RHD	0,000		
780	0501.323.553		MAGNET	1				0,000		
784	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
786	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
800	0732.042.100		COMPRESSION SPRING	1				0,002		

Parts list

Page 4 from 4

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.70.01-1

Material-assembly-group-no: 4181.170.016



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
810	4181.370.095		PISTON	1		Z00017552910	SEG.2+3*KUPPL. A/B*BREMSE E/F * SCHALTSTEUERUNG	0,000		
820	0501.323.553		MAGNET	1				0,000		
824	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
826	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
850	4181.270.020		VALVE	1			KPL. *MX295	0,000		
910	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
912	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
914	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
916	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
918	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
920	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
922	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
924	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
926	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
928	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		
930	0736.300.200		HEXALOBULAR DRIVING SCREW	1			M8X36 M8X36	0,000		

Plant

Page 1 from 1

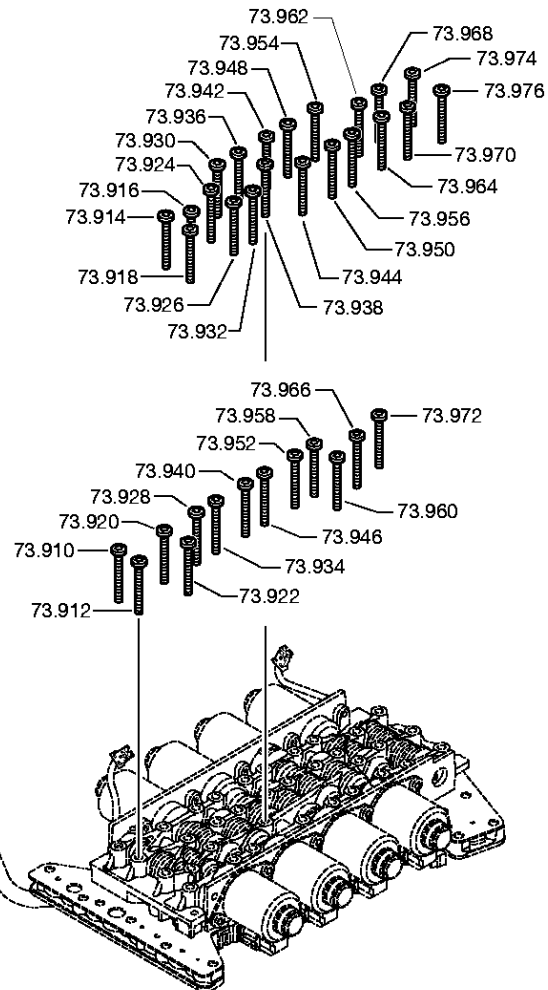
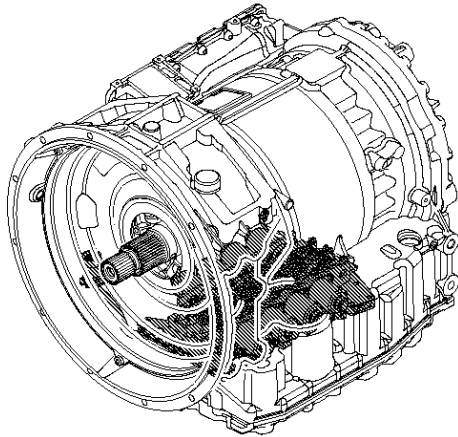
Material number: 4181.002.204

Plate: 130.73.80-1

Material-assembly-group-no: 4181.170.803

ECOLIFE / NOVABUS

VALVE BLOCK



Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.73.80-1

Material-assembly-group-no: 4181.170.803



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
910	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
912	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
914	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
916	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
918	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
920	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
922	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
924	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
926	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
928	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
930	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
932	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
934	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
936	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
938	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
940	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
942	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.73.80-1

Material-assembly-group-no: 4181.170.803



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
944	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
946	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
948	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
950	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
952	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
954	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
956	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
958	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
960	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
962	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
964	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
966	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
968	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
970	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
972	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
974	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		
976	0736.300.196		HEXALOBULAR DRIVING SCREW	1		Z00009198410	M6X55	0,000		

Plant

Page 1 from 1

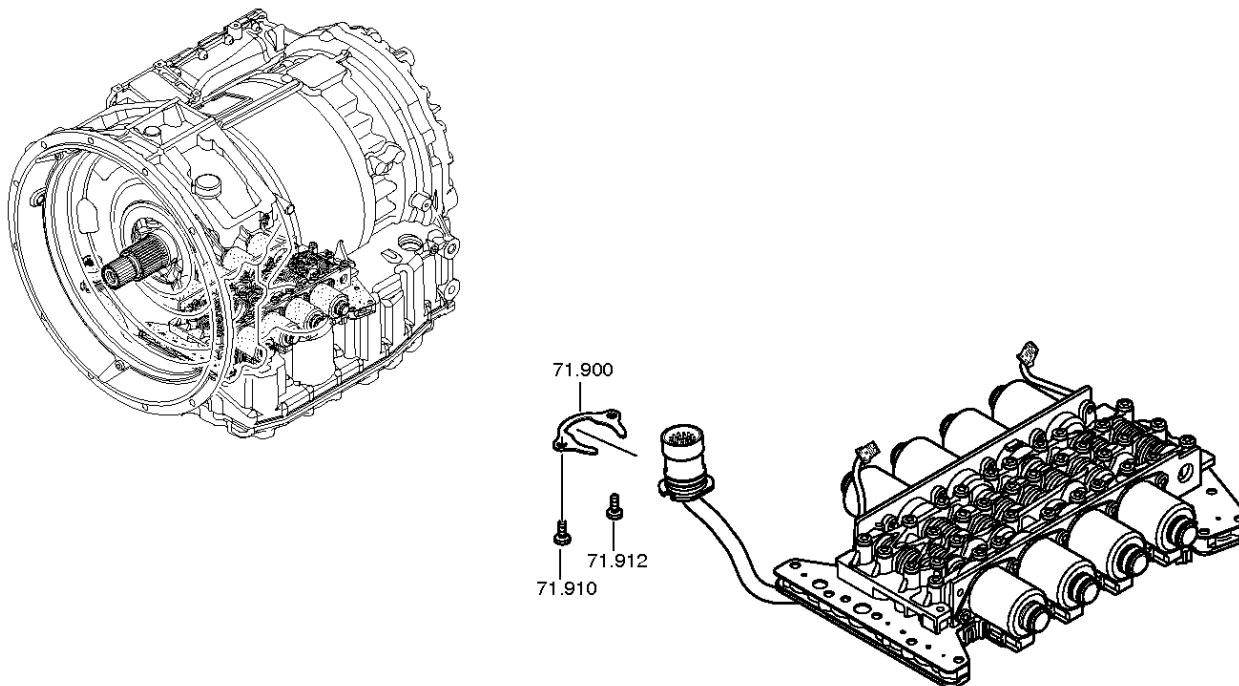
Material number: 4181.002.204

Plate: 130.71.81-1

Material-assembly-group-no: 4181.170.850

ECOLIFE / NOVABUS

WIRING HARNESS



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.71.81-1

Material-assembly-group-no: 4181.170.850



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	4181.370.084		FIXING PLATE	1				0,000		
910	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
912	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		

Plant

Page 1 from 1

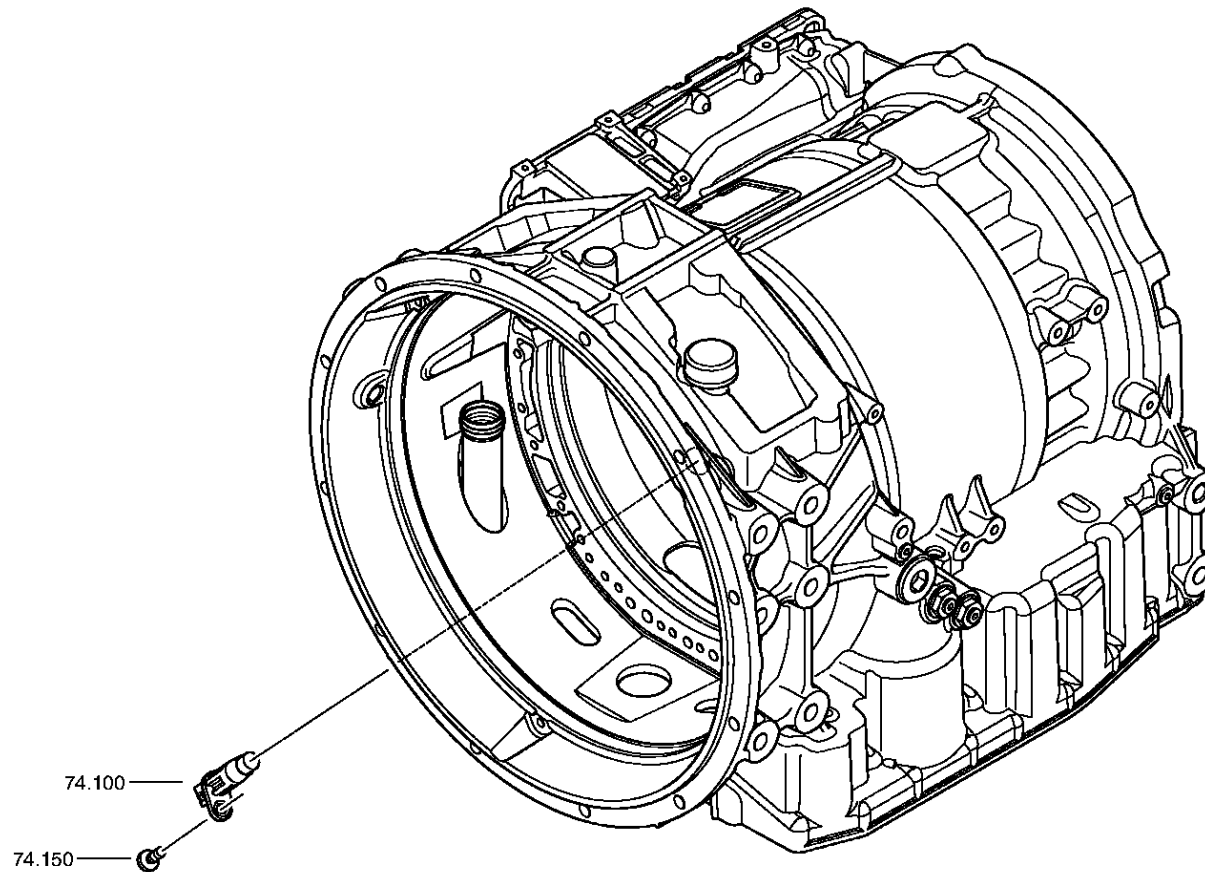
Material number: 4181.002.204

Plate: 130.74.02-1

Material-assembly-group-no: 4181.174.004

ECOLIFE / NOVABUS

POSITION SENSOR



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.74.02-1

Material-assembly-group-no: 4181.174.004



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	0501.215.837		SPEED SENSOR	1		C01006771F10	KPL.	0,016		
150	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		

Plant

Page 1 from 2

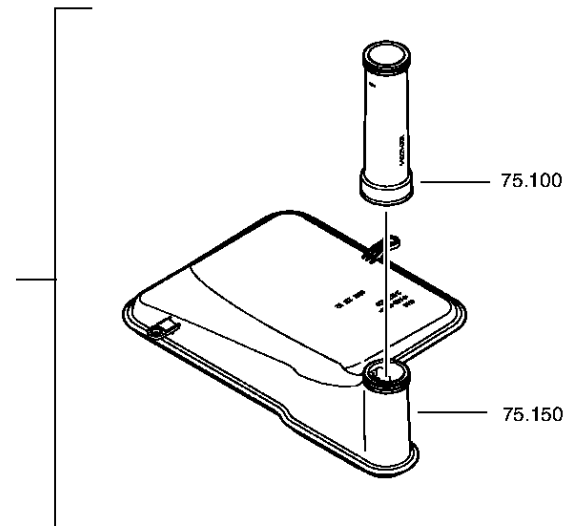
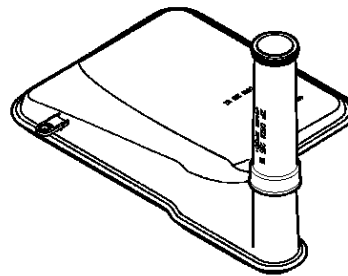
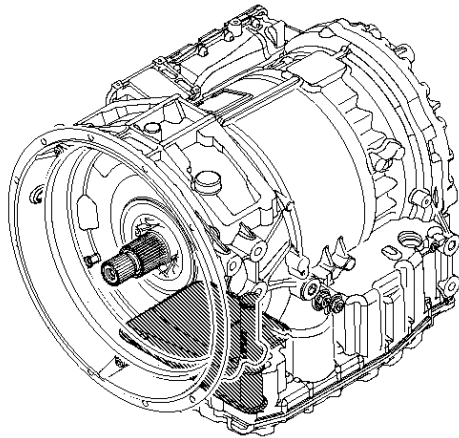
Material number: 4181.002.204

Plate: 130.75.01-1

SUCTION FILTER

ECOLIFE / NOVABUS

SUCTION FILTER



Plant

Page 2 from 2

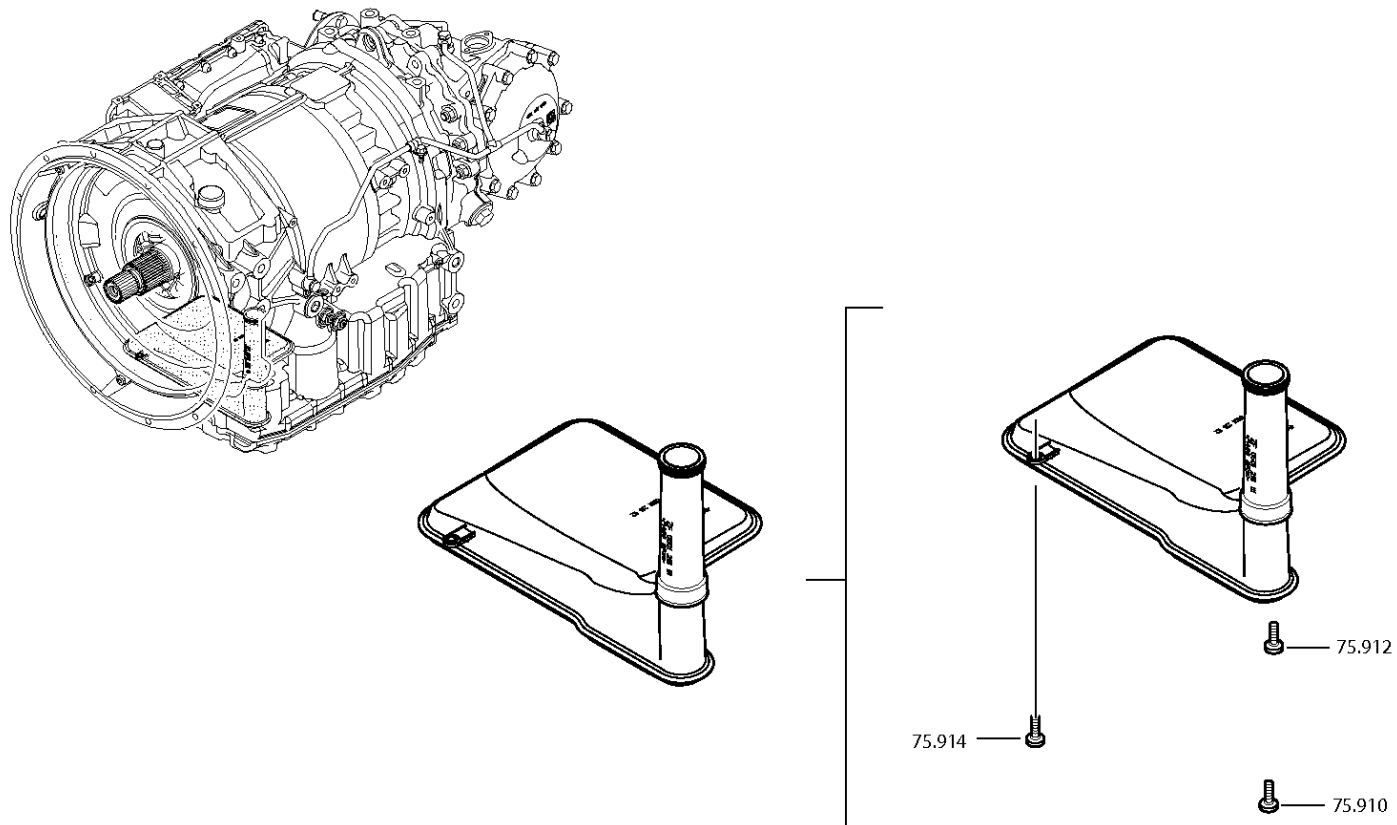
Material number: 4181.002.204

Plate: 130.75.80-1

SUCTION FILTER

ECOLIFE / NOVABUS

SUCTION FILTER



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.75.01-1

Material-assembly-group-no: 4181.175.003



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	0501.215.111		SUCTION TUBE	1			KPL. *V2*LD-GETR	0,000		
150	0501.217.460		SUCTION FILTER	1		Z00004068210		0,000		
910	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		
912	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00011900010	M6X25	0,000		
914	0736.300.197		HEXALOBULAR DRIVING SCREW	1		Z00009198511	M6X25	0,000		

Plant

Page 1 from 1

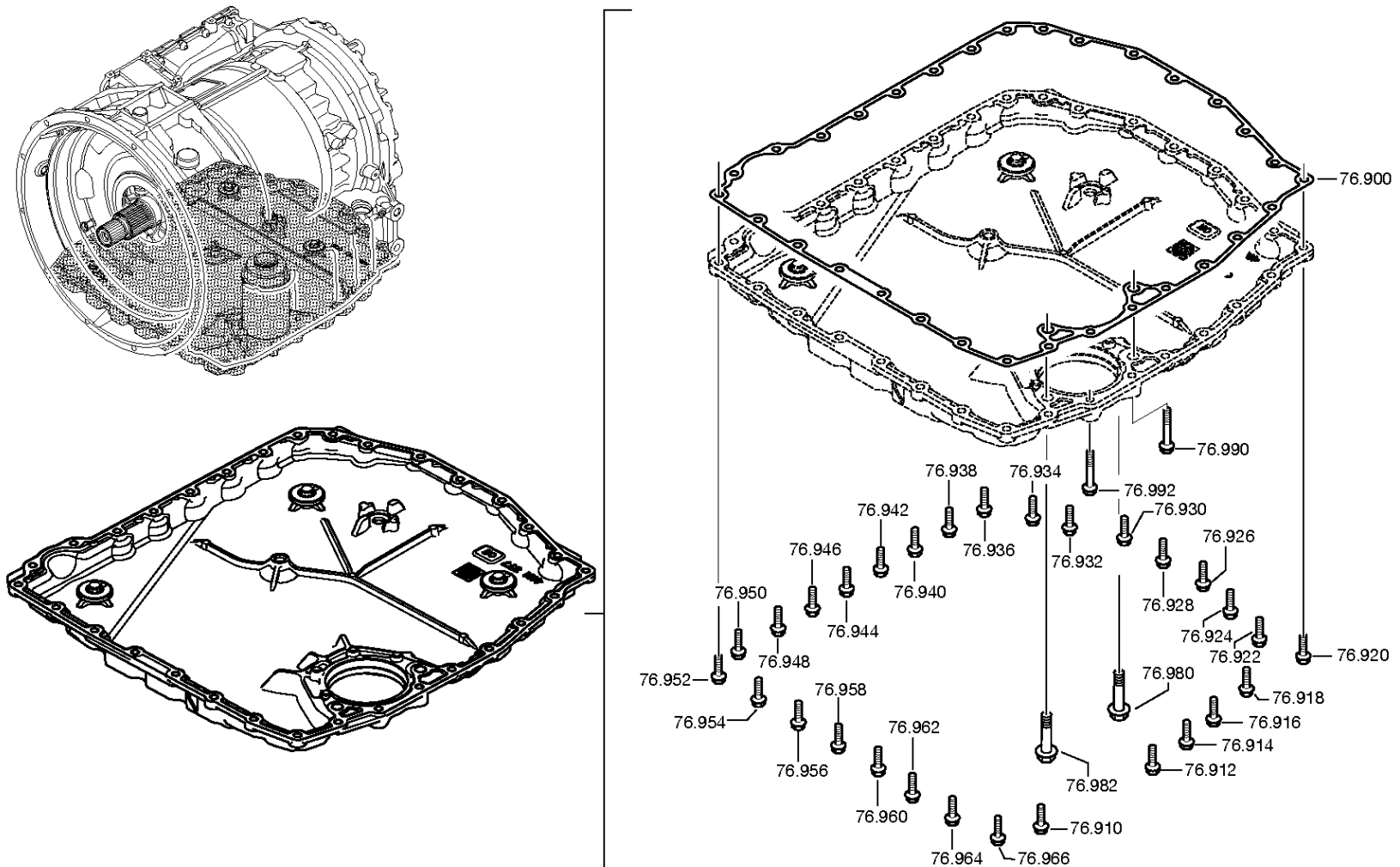
Material number: 4181.002.204

Plate: 130.76.81-1

Material-assembly-group-no: 4181.176.850

ECOLIFE / NOVABUS

OIL PAN



Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.76.81-1

Material-assembly-group-no: 4181.176.850



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	0501.324.766		GASKET	1			OELWANNE DRUCKGUSS	0,000		
910	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
912	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
914	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
916	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
918	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
920	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
922	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
924	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
926	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
928	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
930	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
932	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
934	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
936	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
938	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
940	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
942	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
944	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
946	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
948	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
950	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
952	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
954	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
956	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
958	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
960	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
962	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
964	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
966	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
980	0636.100.833		SCREW WITH WASHER ASSEMBLY	1			M12X55	0,000		
982	0636.100.833		SCREW WITH WASHER ASSEMBLY	1			M12X55	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

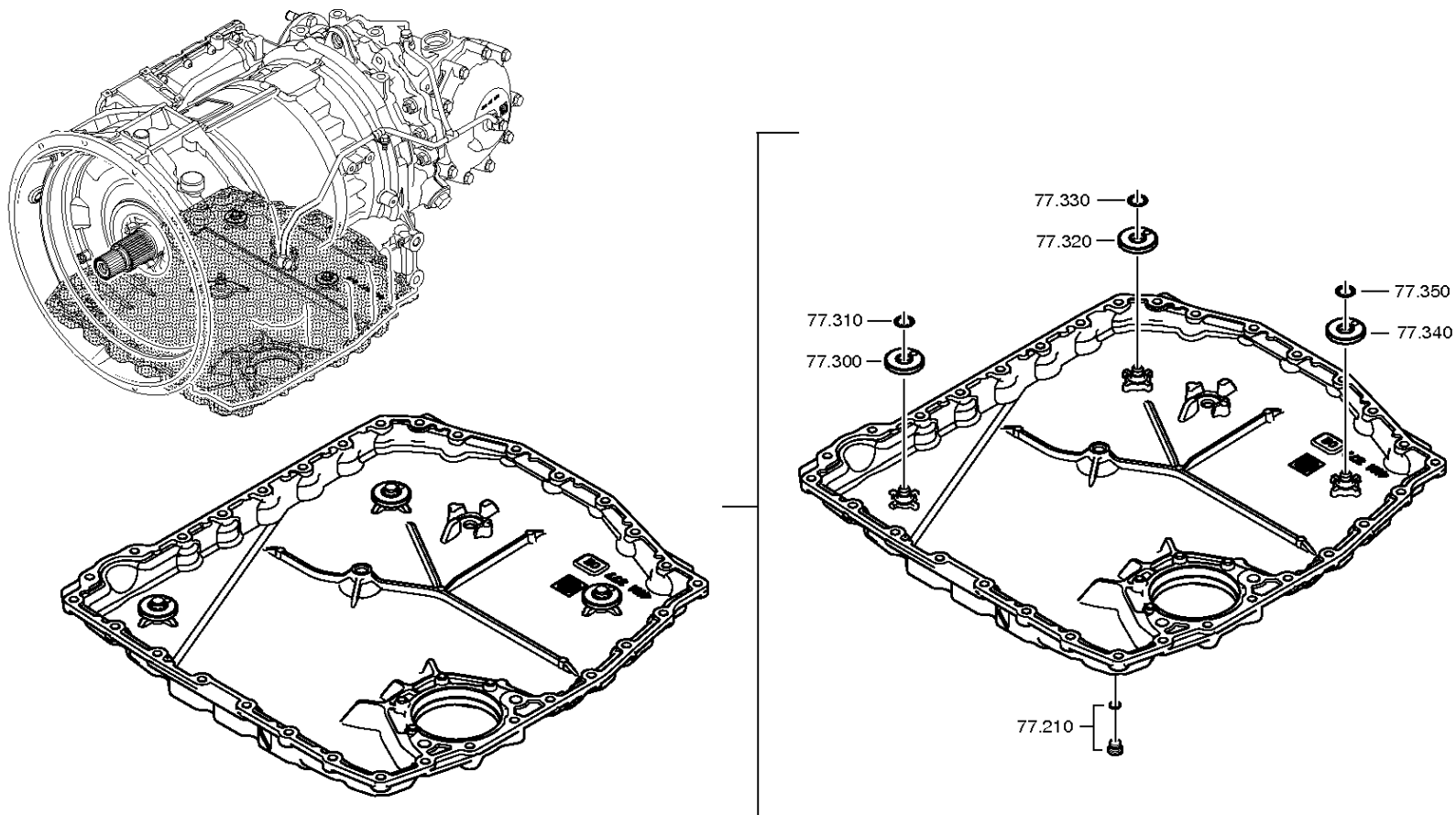
ECOLIFE / NOVABUS

Plate: 130.76.81-1

Material-assembly-group-no: 4181.176.850



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
990	0636.100.439		HEXAGON SCREW	1		Z00007355310	M8X55	0,000		
992	0636.100.439		HEXAGON SCREW	1		Z00007355310	M8X55	0,000		



Plant

Page 2 from 2

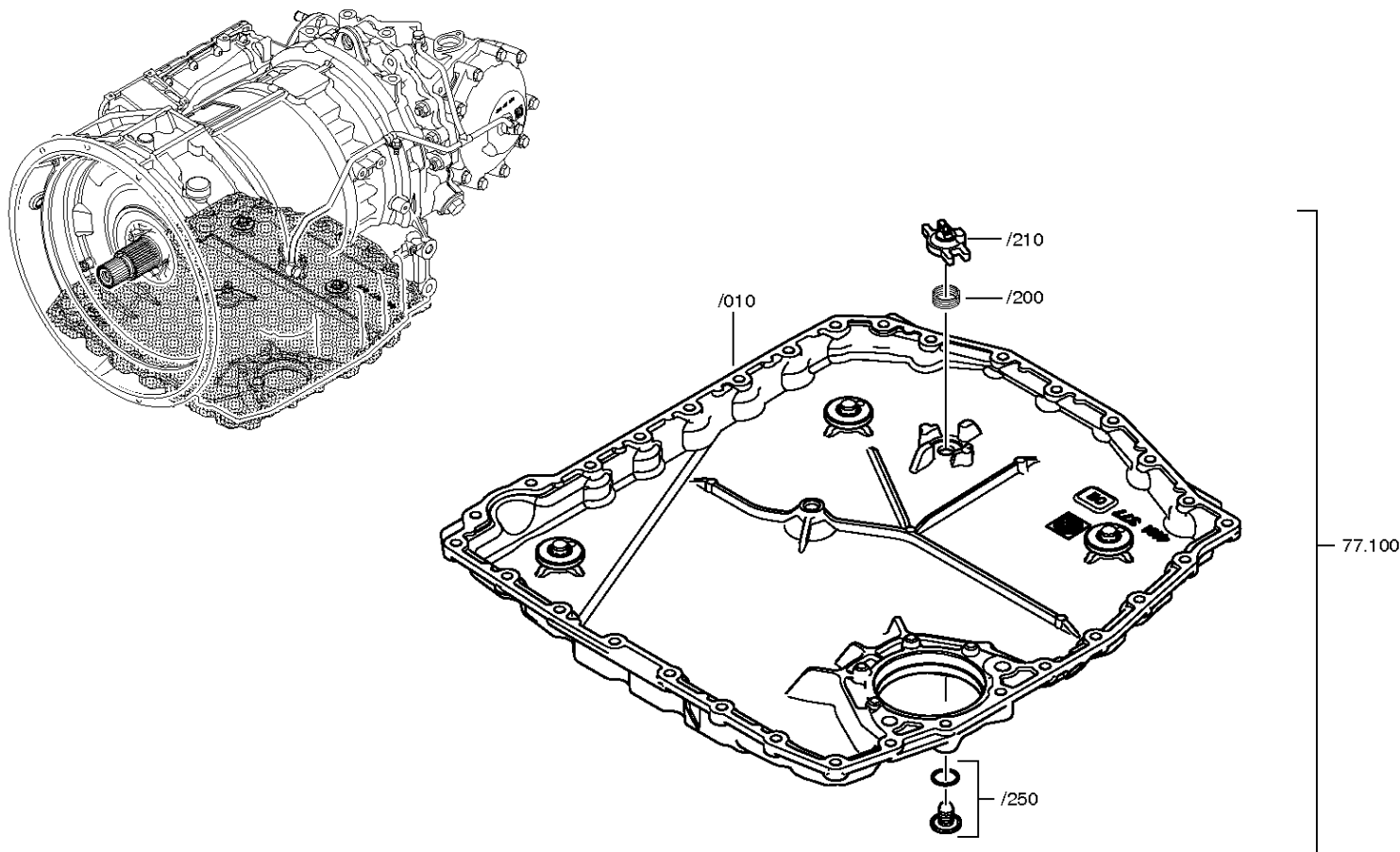
Material number: 4181.002.204

Plate: 130.77.02-2

Material-assembly-group-no: 4181.177.050

ECOLIFE / NOVABUS

OIL PAN



Parts list

Page 1 from 1

Material number: 4181.002.204

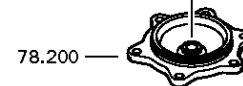
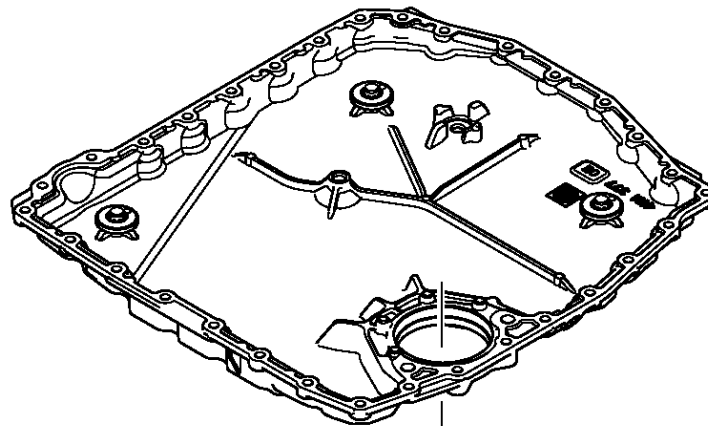
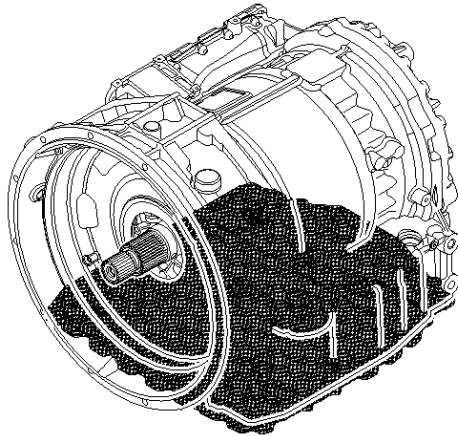
ECOLIFE / NOVABUS

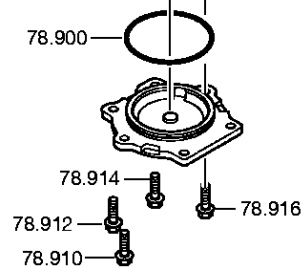
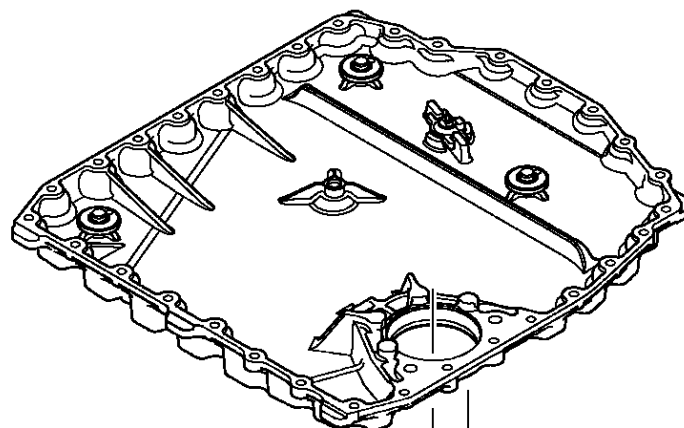
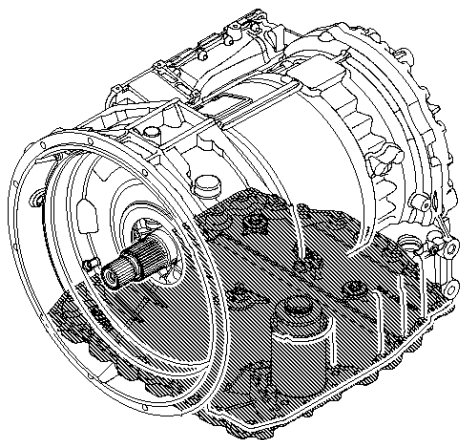
Plate: 130.77.02-1

Material-assembly-group-no: 4181.177.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.277.050		OIL PAN	1			KPL.VERSCHLUSSSCHRAU BE *SEG.2+3	0,000		
/10	4181.377.004		OIL PAN	1			*SEG2+3*V2*DRUCKG	0,000		
/200	0732.042.981		COMPRESSION SPRING	1				0,000		
/210	4181.377.008		CAP	1			DRUCKGUSS *V2.1	0,000		
/250	---		SCREW PLUG	1			35N.M*O-RING MX295*V2.1 M14X1,5	0,000		
---	4181.377.018		SCREW PLUG	1		Z00008757410	M14X1,5	0,000		
---	0501.322.975		O-RING	1			21,95X1,78*FPMX295	0,000		
210	---		SCREW PLUG	1			12N.M*O-RING*O-RINGE MX295 M10X1	0,000		
---	0636.100.793		SCREW PLUG	1		Z00010111617	M10X1	0,000		
---	0501.322.905		O-RING	1			8X1,5*FPMX295	0,000		
300	0501.313.800		MAGNET	1				0,042		
310	0630.531.244		GRIPPING RING	1				0,000		
320	0501.313.800		MAGNET	1				0,042		
330	0630.531.244		GRIPPING RING	1				0,000		
340	0501.313.800		MAGNET	1				0,042		
350	0630.531.244		GRIPPING RING	1				0,000		





Parts list

Page 1 from 1

Material number: 4181.002.204

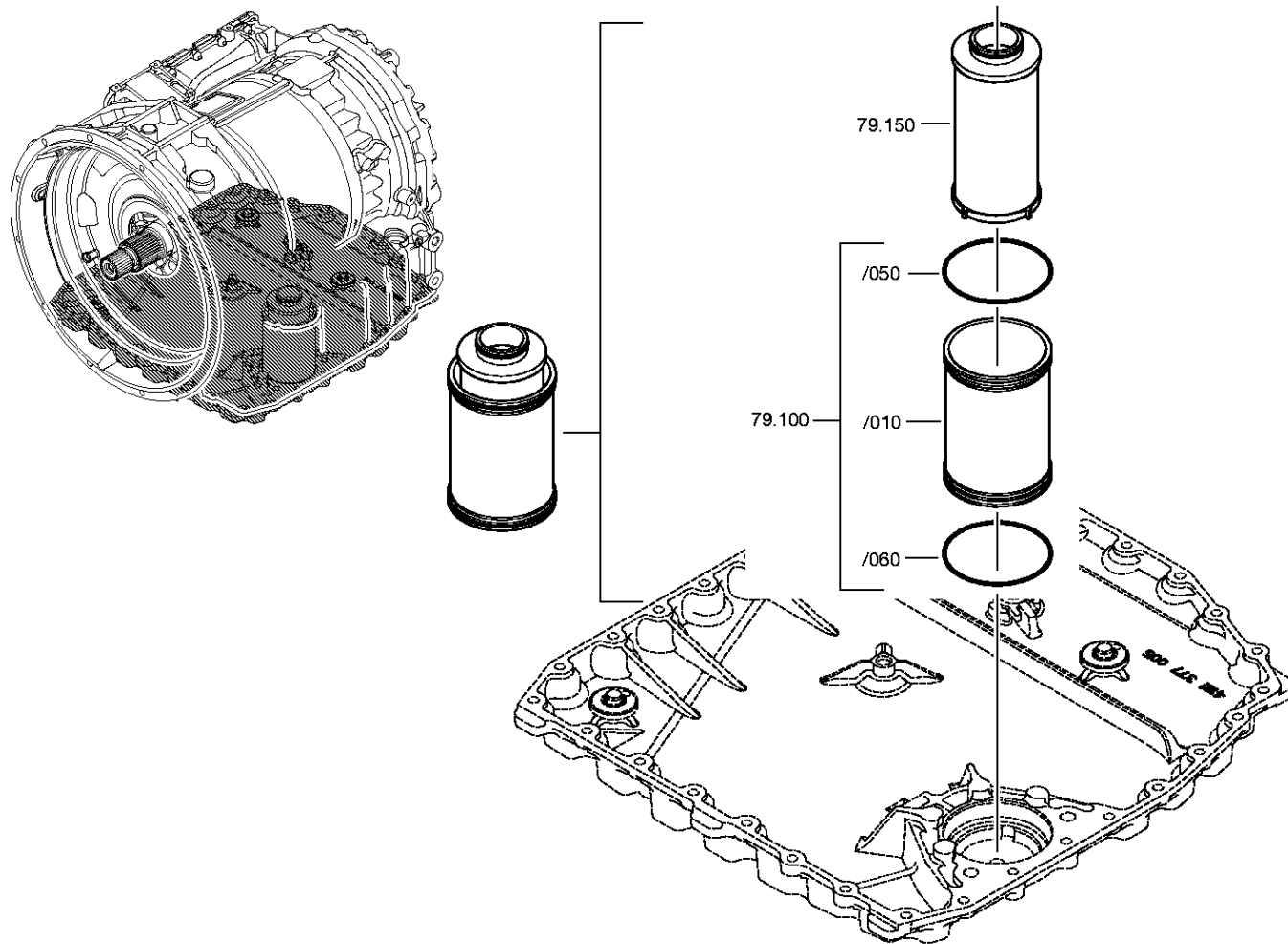
ECOLIFE / NOVABUS

Plate: 130.78.03-1

Material-assembly-group-no: 4181.378.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	0501.322.914		O-RING	1			88X3*FPMX295	0,000		
910	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
912	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
914	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
916	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

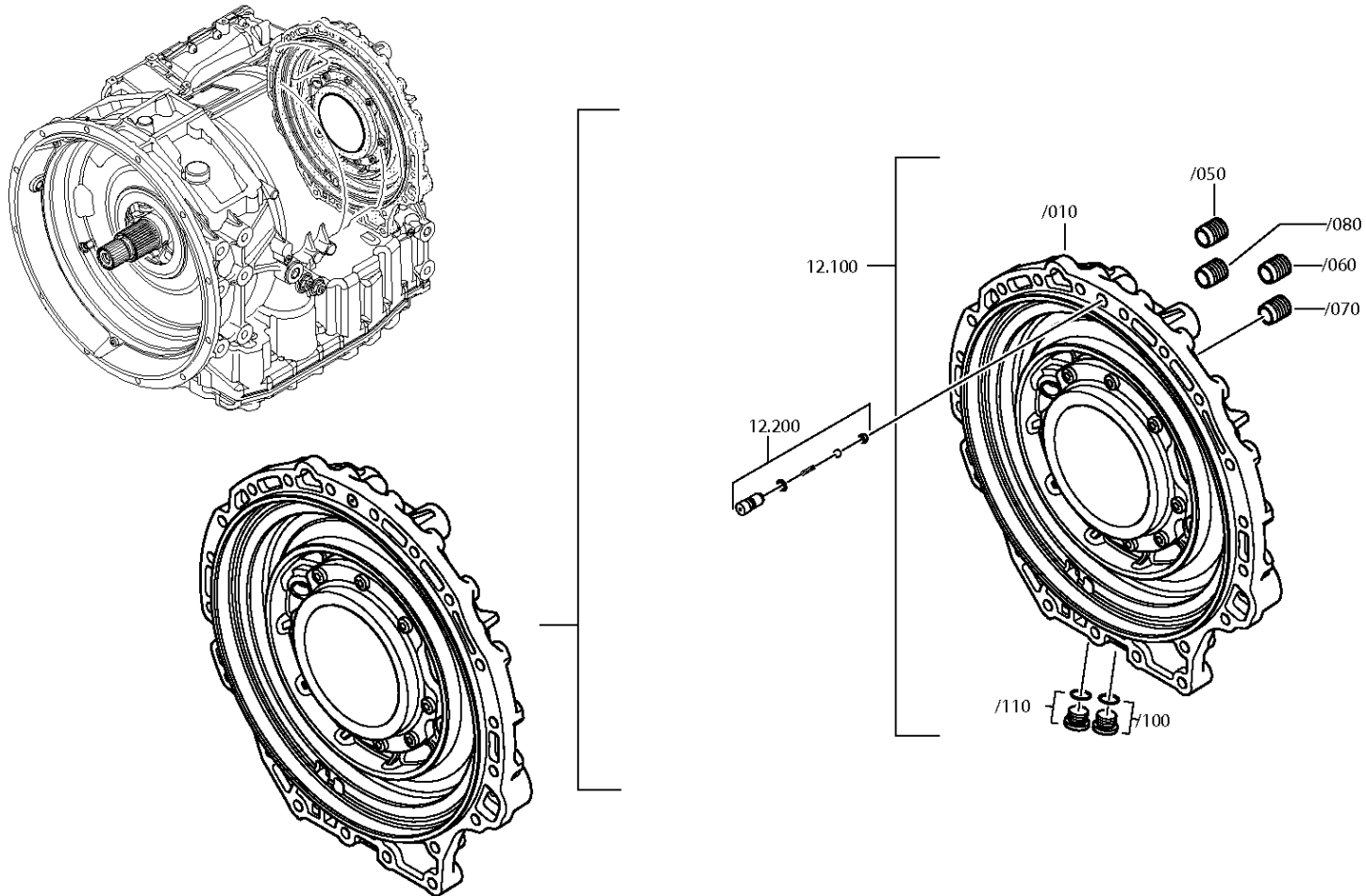
ECOLIFE / NOVABUS

Plate: 130.79.01-1

Material-assembly-group-no: 4181.179.003



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.279.003		SLEEVE	1			KPL.DRUCKFILTER*O-RING	0,000		
/10	4181.379.004		SLEEVE	1			V2.1	0,000		
/50	0501.322.914		O-RING	1			88X3*FPMX295	0,000		
/60	0501.322.914		O-RING	1			88X3*FPMX295	0,000		
150	0501.216.503		PRESSURE FILTER	1		Z00003455710	KPL. PBT-GEWEBE	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

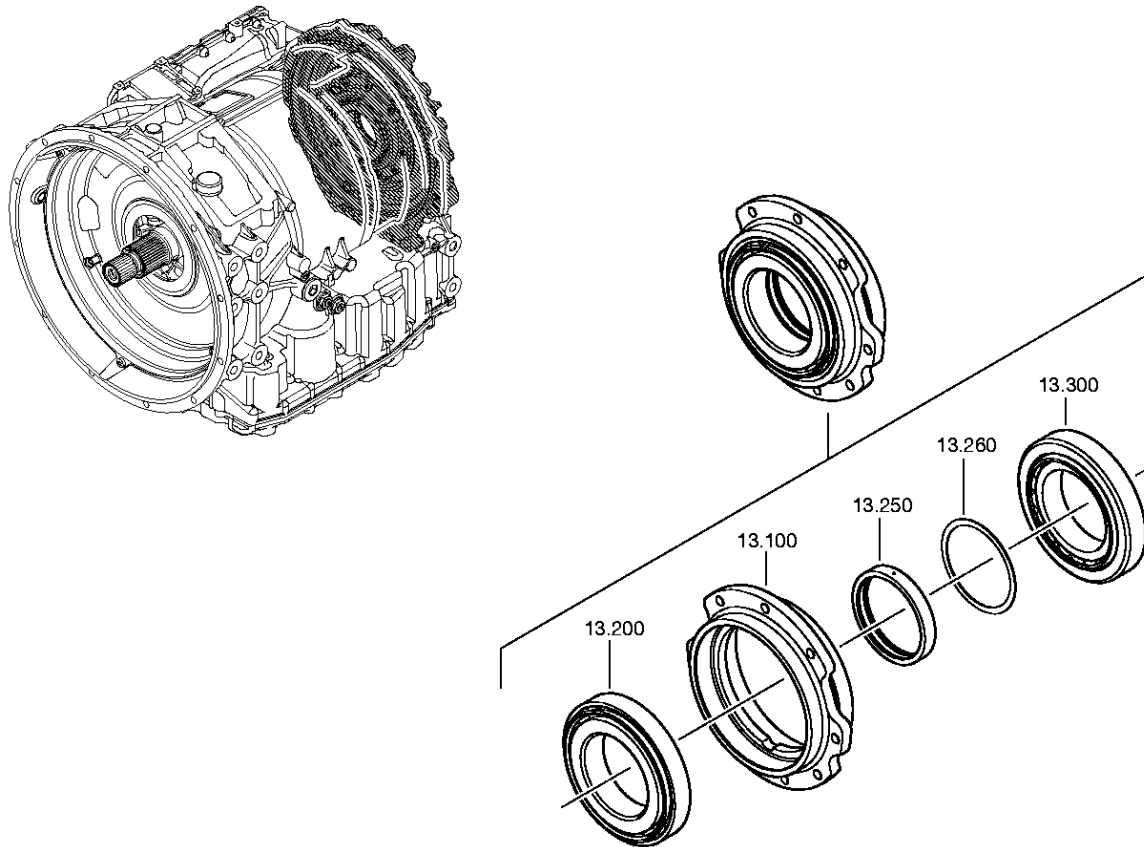
ECOLIFE / NOVABUS

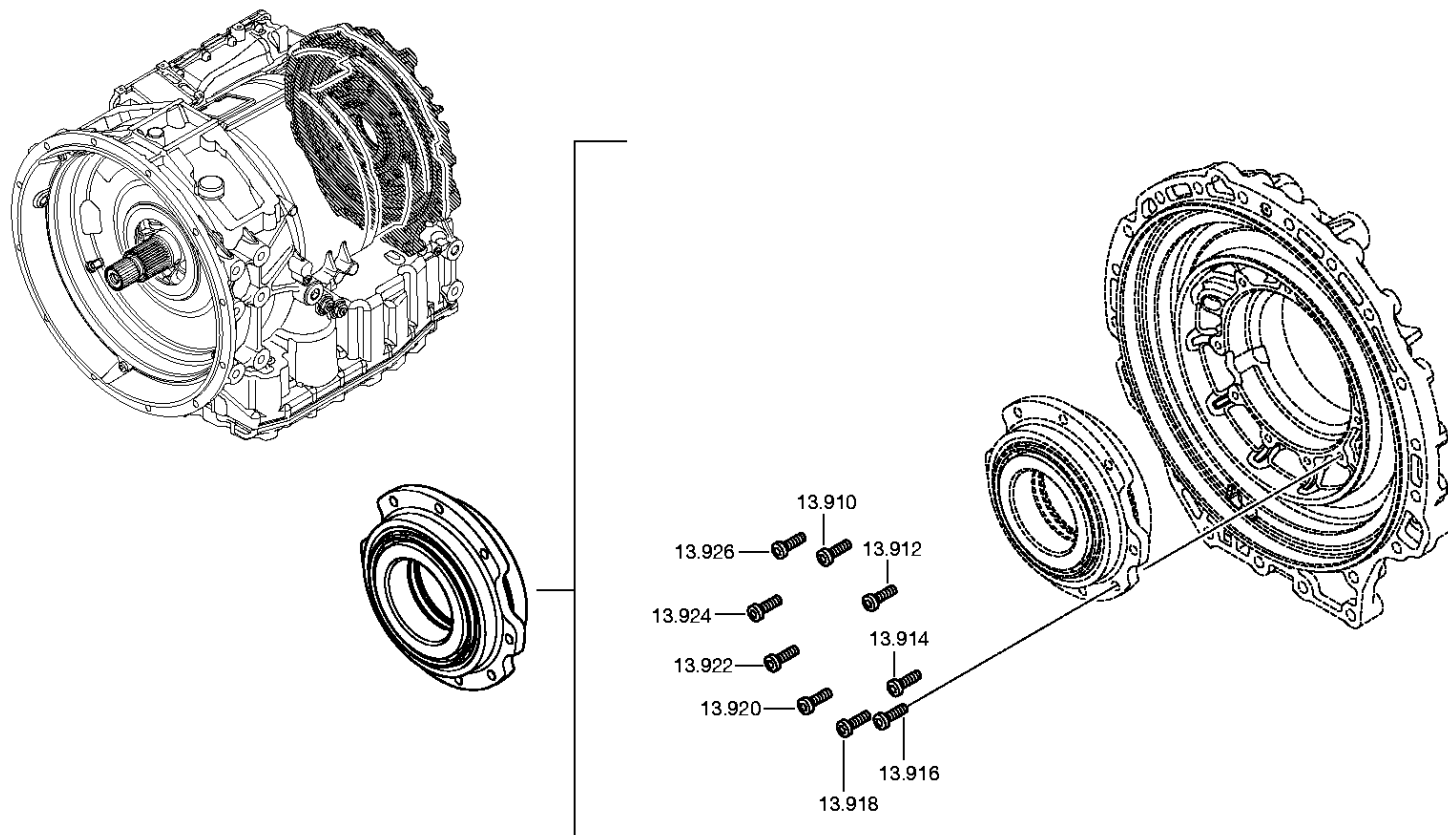
Plate: 130.12.02-1

Material-assembly-group-no: 4181.112.050



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.212.012		OUTPUT COVER	1			KPL.GEWINDEBUCHSE * SEG2+3*V2.1*DG	0,000		
/10	4181.312.015		OUTPUT COVER	1			*SEG2+3*G*V2.0	0,000		
/50	0731.590.166		THREADED BUSH	1				0,000		
/60	0731.590.166		THREADED BUSH	1				0,000		
/70	0731.590.166		THREADED BUSH	1				0,000		
/80	0731.590.166		THREADED BUSH	1				0,000		
/100	---		SCREW PLUG	1			35N.M*MX310 M18X1,5	0,000		
---	0636.100.791		SCREW PLUG	1		Z00010111517	M18X1,5	0,000		
---	0501.322.915		O-RING	1			15X2*FPMX310	0,000		
/110	---		SCREW PLUG	1			35N.M*MX310 M18X1,5	0,000		
---	0636.100.791		SCREW PLUG	1		Z00010111517	M18X1,5	0,000		
---	0501.322.915		O-RING	1			15X2*FPMX310	0,000		
200	4181.212.006		VALVE	1			KPL. *MX295	0,000		





Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.13.01-1

Material-assembly-group-no: 4181.113.005



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.313.008		BEARING BUSH	1		Z00010743910	SEG.2+3 * LAGEREINHEIT* ABTRIEBSDECKEL	0,000		
200	0735.371.642		TAPERED ROLLER BEARING	1		C01007999F10	80,0X140,0X28,2 FA.FAG	0,000		
250	4181.313.006		SPACER BUSH	1				0,000		
260	---		WASHER	1			H= 1,10- 2,00(ABSTUFUNG:0,05MM)	0,000		
---	0730.113.436		WASHER	1			A=2,00	0,000		
---	0730.113.435		WASHER	1			A=1,95	0,000		
---	0730.113.434		WASHER	1			A=1,90	0,000		
---	0730.113.433		WASHER	1			A=1,85	0,000		
---	0730.113.432		WASHER	1			A=1,80	0,000		
---	0730.113.431		WASHER	1			A=1,75	0,000		
---	0730.113.430		WASHER	1			A=1,70	0,000		
---	0730.113.429		WASHER	1			A=1,65	0,000		
---	0730.113.428		WASHER	1			A=1,60	0,000		
---	0730.113.427		WASHER	1			A=1,55	0,000		
---	0730.113.426		WASHER	1			A=1,50	0,000		
---	0730.113.425		WASHER	1			A=1,45	0,000		
---	0730.113.424		WASHER	1			A=1,40	0,000		
---	0730.113.423		WASHER	1			A=1,35	0,000		
---	0730.113.422		WASHER	1			A=1,30	0,000		
---	0730.113.421		WASHER	1			A=1,25	0,000		
---	0730.113.420		WASHER	1			A=1,20	0,000		
---	0730.113.419		WASHER	1			A=1,15	0,000		
---	0730.113.418		WASHER	1			A=1,10	0,000		
300	0735.371.642		TAPERED ROLLER BEARING	1		C01007999F10	80,0X140,0X28,2 FA.FAG	0,000		
910	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
912	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
914	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.13.01-1

Material-assembly-group-no: 4181.113.005



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
916	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
918	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
920	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
922	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
924	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		
926	0736.300.212		HEXALOBULAR DRIVING SCREW	1		Z00009199310	M8X28	0,000		

Plant

Page 1 from 2

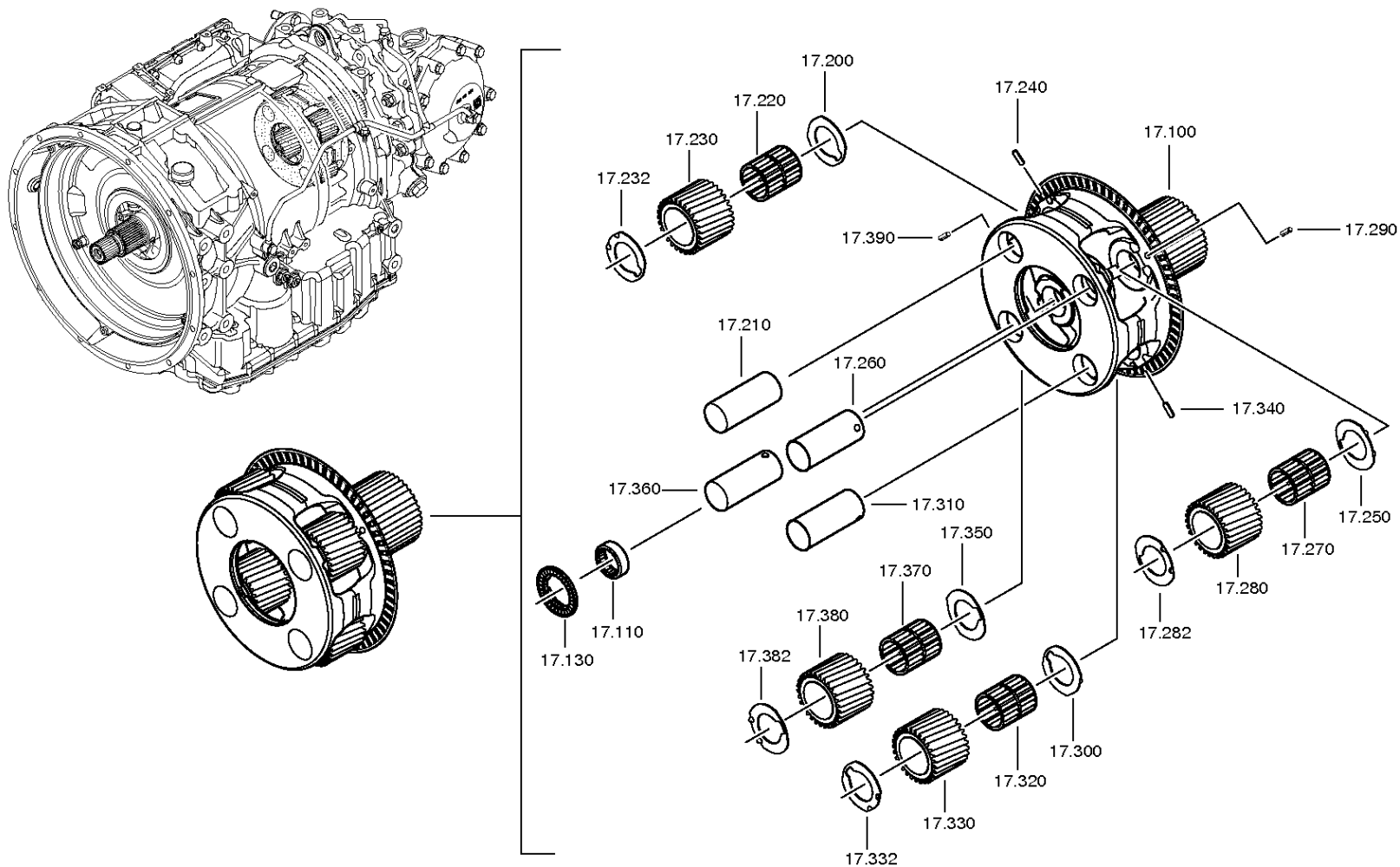
Material number: 4181.002.204

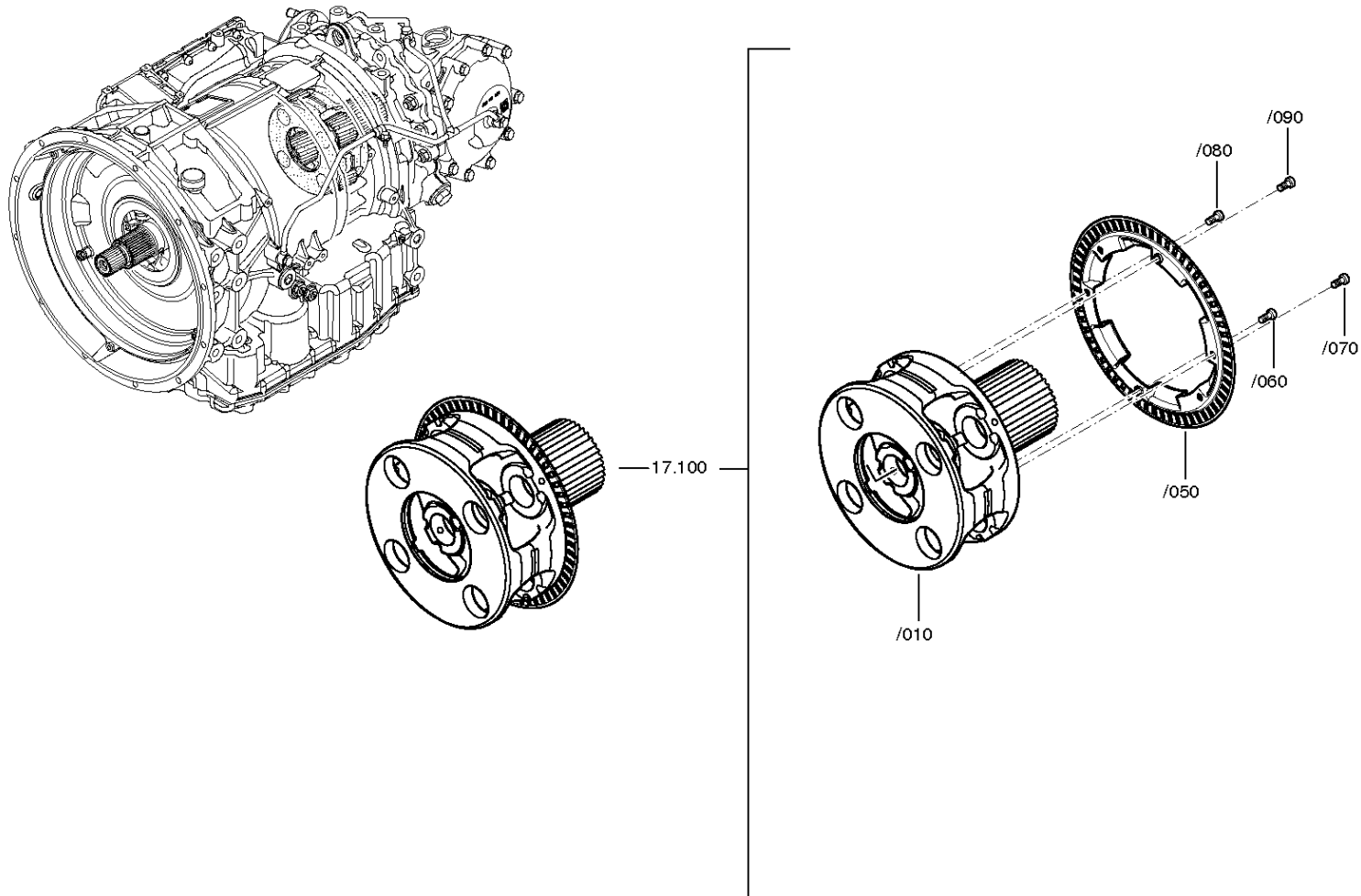
Plate: 130.17.03-1

Material-assembly-group-no: 4181.117.020

ECOLIFE / NOVABUS

PLANETARY GEAR





Parts list

Page 1 from 2

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.17.03-1

Material-assembly-group-no: 4181.117.020



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.217.014		PLANET CARRIER	1			KPL.SATZ3 *SEG2*V2.2* VERSTAERKT	0,000		
/10	4181.291.017		PLANET CARRIER	1			KPL.SEG2*SATZ3*V2-2 *GESCHMIEDET	0,000		
/50	4181.317.033		PULSE RING	1			SEG2+3*V2-1	0,000		
/60	0736.300.194		HEXALOBULAR DRIVING SCREW	1		Z00009175010	M6X12 M6X12	0,000		
/70	0736.300.194		HEXALOBULAR DRIVING SCREW	1		Z00009175010	M6X12 M6X12	0,000		
/80	0736.300.194		HEXALOBULAR DRIVING SCREW	1		Z00009175010	M6X12 M6X12	0,000		
/90	0736.300.194		HEXALOBULAR DRIVING SCREW	1		Z00009175010	M6X12 M6X12	0,000		
110	0735.298.302		NEEDLE SLEEVE	1			30,0X37,0X12,0 FA.INA	0,000		
130	0735.368.277		AXIAL NEEDLE BEARING	1			37,0X54,7X3,81	0,000		
200	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
210	4181.317.020		BEARING PIN	1			SATZ3 *SEG2+3*V2.1	0,000		
220	0735.321.609		NEEDLE CAGE	1			33,0X41,0X47,5 FA.INA	0,000		
230	4181.317.041		PLANETARY GEAR	1		Z00015148710	SEG.2+3 *SATZ 3	0,000		
232	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
240	0501.322.722		SLOTTED PIN	1			S6X22X1,20 *BOELLHOFF	0,000		
250	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
260	4181.317.020		BEARING PIN	1			SATZ3 *SEG2+3*V2.1	0,000		
270	0735.321.609		NEEDLE CAGE	1			33,0X41,0X47,5 FA.INA	0,000		
280	4181.317.041		PLANETARY GEAR	1		Z00015148710	SEG.2+3 *SATZ 3	0,000		
282	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
290	0501.322.722		SLOTTED PIN	1			S6X22X1,20 *BOELLHOFF	0,000		
300	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
310	4181.317.020		BEARING PIN	1			SATZ3 *SEG2+3*V2.1	0,000		
320	0735.321.609		NEEDLE CAGE	1			33,0X41,0X47,5 FA.INA	0,000		
330	4181.317.041		PLANETARY GEAR	1		Z00015148710	SEG.2+3 *SATZ 3	0,000		
332	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
340	0501.322.722		SLOTTED PIN	1			S6X22X1,20 *BOELLHOFF	0,000		
350	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		

Parts list

Page 2 from 2

Material number: 4181.002.204

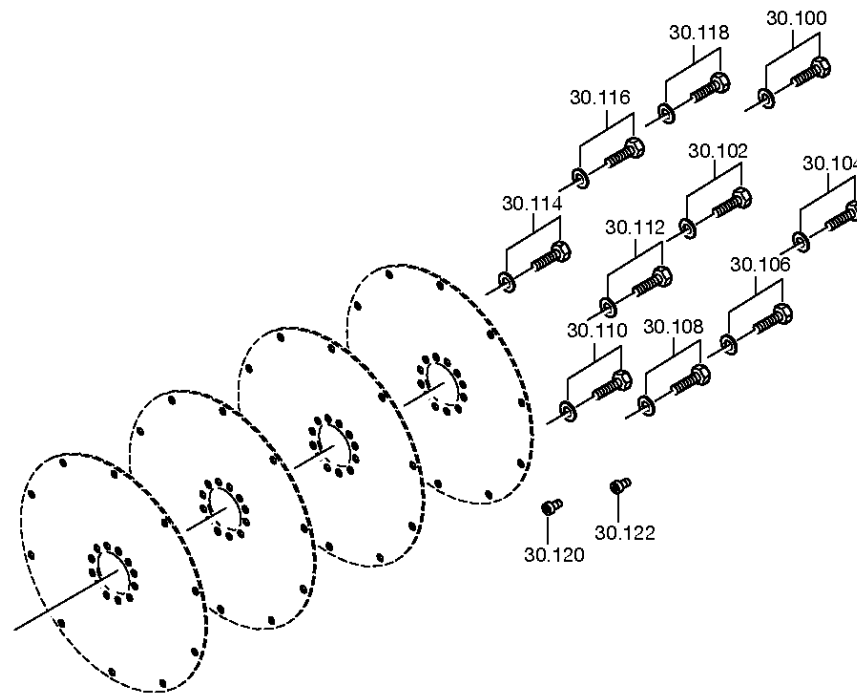
ECOLIFE / NOVABUS

Plate: 130.17.03-1

Material-assembly-group-no: 4181.117.020



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
360	4181.317.020		BEARING PIN	1			SATZ3 *SEG2+3*V2.1	0,000		
370	0735.321.609		NEEDLE CAGE	1			33,0X41,0X47,5 FA.INA	0,000		
380	4181.317.041		PLANETARY GEAR	1		Z00015148710	SEG.2+3 *SATZ 3	0,000		
382	4181.317.018		THRUST WASHER	1			SATZ3 *SEG2+3*V2.1	0,000		
390	0501.322.722		SLOTTED PIN	1			S6X22X1,20 *BOELLHOFF	0,000		



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.E1.08-1

Material-assembly-group-no: 4181.191.011



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
102	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
104	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
106	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
108	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
110	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
112	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
114	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
116	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
118	---		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0636.021.009		HEXAGON SCREW	1			M12X1,5X35	0,000		
---	0630.100.284		WASHER	1		Z00007158212		0,000		
120	0636.100.313		CAP SCREW	1		Z00007357610	M8X16	0,000		
122	0636.100.313		CAP SCREW	1		Z00007357610	M8X16	0,000		

Plant

Page 1 from 1

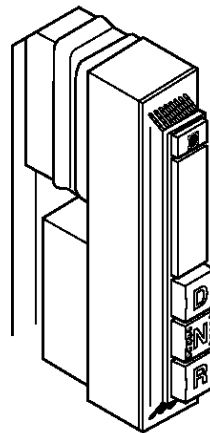
Material number: 4181.002.204

Plate: 130.C4.03-1

Material-assembly-group-no: 6006.341.036

ECOLIFE / NOVABUS

PUSHBUTTON SWITCH



Parts list

Page 1 from 1

Material number: 4181.002.204

ECOLIFE / NOVABUS

Plate: 130.C4.03-1

Material-assembly-group-no: 6006.341.036



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
	6006.341.036		PUSHBUTTON SWITCH	1			3-TASTER VERTIK.M. BLENDE DNR, DIAGNOSE	0,000		

Assembly group overview

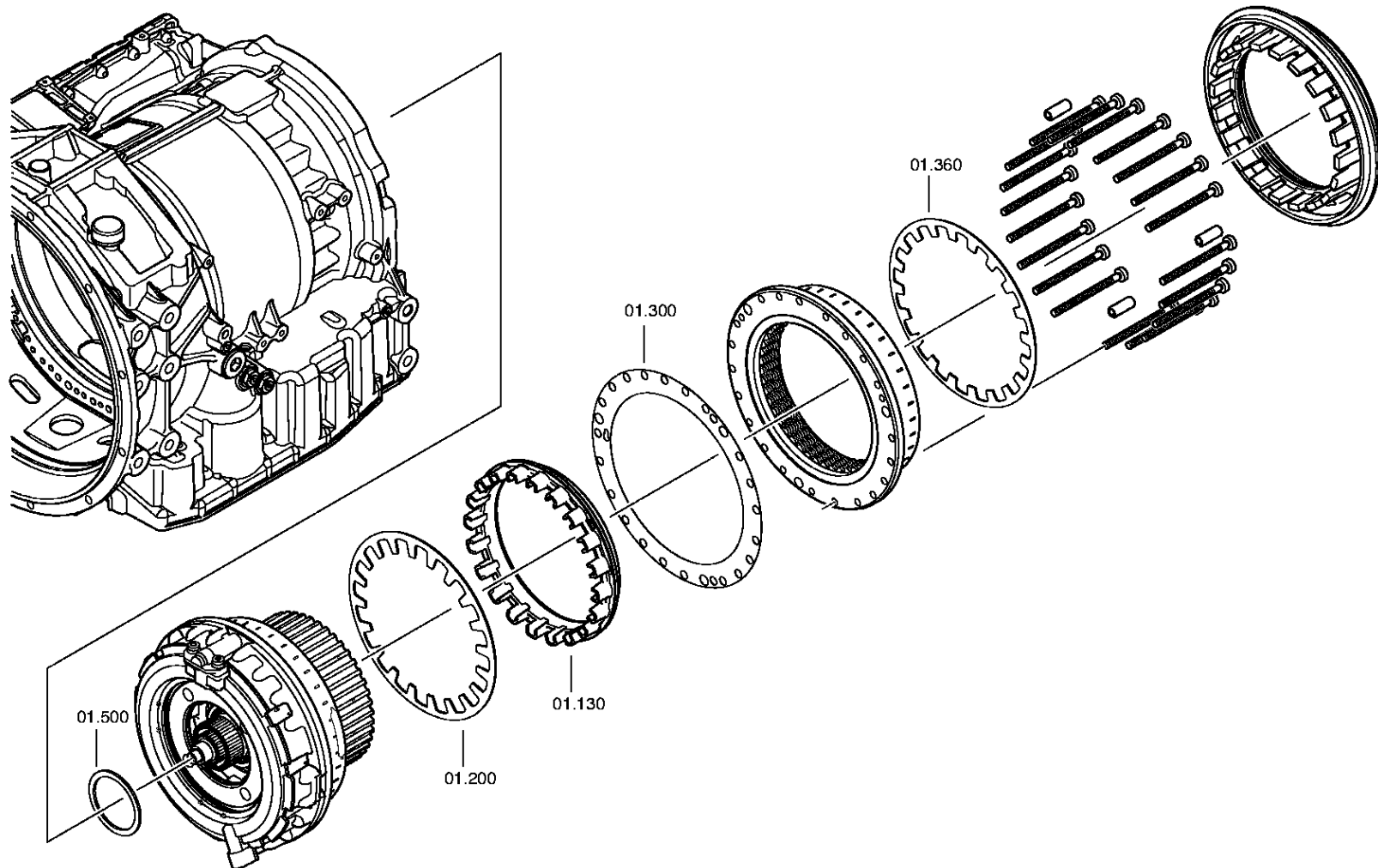
Material number: 4181.040.106

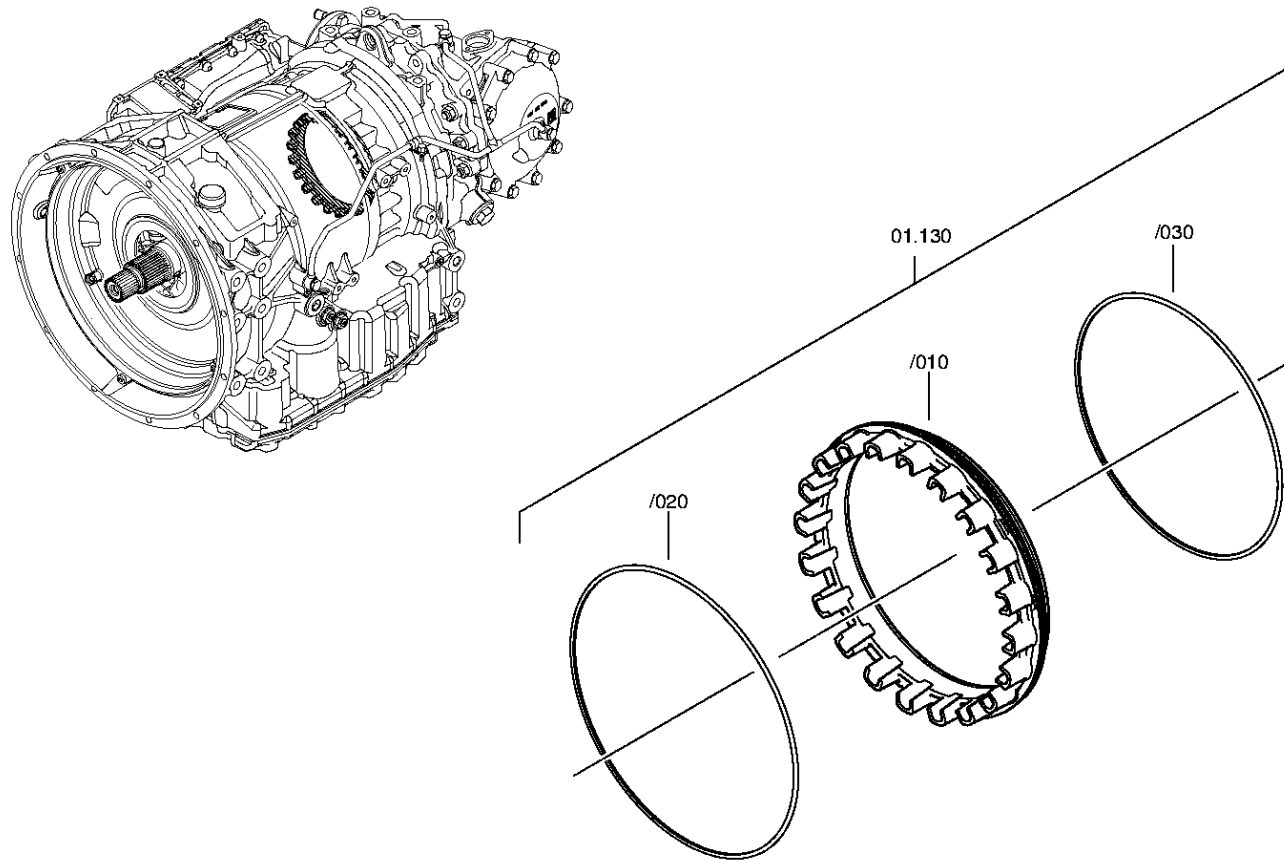
ECOLIFE / NOVABUS

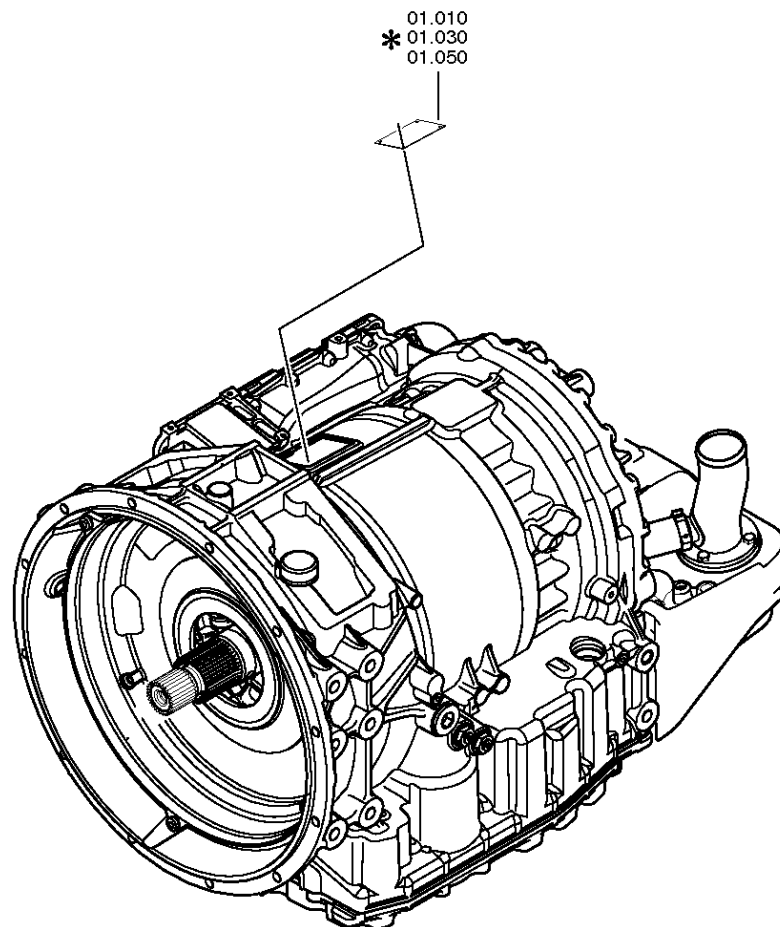


Page 1 from 1

Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
130.01.02-1	110	4181.100.063	BASIC GEARBOX	1		
130.01.80-1	120	4181.180.012	TYPE PLATE	1		
130.01.82-1	198	0501.314.773	TAG	1		
130.05.01-1	160	4181.212.053	PISTON	1		
130.10.01-1	150	4181.110.052	OUTPUT	1		
130.10.52-1	156	4181.110.850	SPEED SENSOR	1		
130.10.80-1	170	4181.110.851	OUTPUT COVER	1		
130.81.02-1	130	4181.181.080	DIPSTICK PARTS	1		
130.81.10-1	136	0636.100.445	HEXAGON SCREW	1		
130.81.12-1	190	4181.215.051	FILLER TUBE	1		
130.83.04-1	210	4181.183.007	OUTPUT FLANGE	1		
130.83.50-1	250	4181.183.808	OUTPUT FLANGE	1		
130.83.81-1	260	4181.183.810	CLOSING COMPONENTS	1		
130.84.05-1	410	4181.284.054	BRACKET	1		
130.84.84-1	414	4181.184.850	BRACKET	1		
130.85.81-1	454	4181.184.863	TUBE	1		
130.85.04-1	460	4181.285.058	TUBE	1		
130.86.02-1	440	0501.219.783	HEAT EXCHANGER	1		
130.86.80-1	444	4181.185.812	HEAT EXCHANGER	1		
130.88.80-1	914	4181.188.802	CONTROL UNIT	1		
130.89.04-1	450	4181.285.059	TUBE	1		
130.96.04-1	310	0501.008.491	CONVERTER	1		
130.97.01-1	320	4181.182.803	CONVERTER	1		
130.C2.02-1	910	6070.003.010	EST ECOLIFE	1		
130.C3.03-1	920	6029.039.124	CABLE ECOLIFE	1		
130.C3.04-1	924	0501.317.817	CABLE CLIP	1		
130.F5.01-1	990	6070.203.324	SOFTWARE	1		







Parts list

Page 1 from 3

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.01.02-1

Material-assembly-group-no: 4181.100.063



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	---		TYPE PLATE	1				0,000		
---	---		TYPE PLATE	1		Z00018596510	TYPENSCHILD UNIVERSAL	0,000		
---	0730.302.754		TYPE PLATE	1			AUSFÜHRUNG UNIVERSAL	0,000		
---	0730.365.241		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER	0,000		
30	---		TYPE PLATE	1				0,000		
---	---		TYPE PLATE	1		Z00018596510	TYPENSCHILD UNIVERSAL	0,000		
---	0730.302.754		TYPE PLATE	1			AUSFÜHRUNG UNIVERSAL	0,000		
---	0730.365.241		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER	0,000		
50	---		TYPE PLATE	1				0,000		
---	---		TYPE PLATE	1		Z00018596510	TYPENSCHILD UNIVERSAL	0,000		
---	0730.302.754		TYPE PLATE	1			AUSFÜHRUNG UNIVERSAL	0,000		
---	0730.365.241		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER	0,000		
100	4181.124.007		INPUT SHAFT	1		Z00014555410	PL.GETRIEBE*SATZ1+2 *SEG2+3	0,000		
100	4181.141.050		OIL SUPPLY	1			O-NA *SEG.2+3	0,000		
100	4181.177.050		OIL PAN	1			*SEG.2+3	0,000		
110	4181.102.058		TRANSMISSION HOUSING	1			SEG.2+3*ROC-B *V4/2+H2*O-NA *SEP. OELMESSSTAB	0,000		
130	4181.201.053		PISTON	1			ST/14-17*SO/14-17 *BREMSE E	0,000		
/10	4181.301.002		PISTON	1			BR.E*ST/14-17*SO/14-17* DG	0,000		
/20	0501.324.126		SEALING RING	1		Z00002393610	A*AUSSEN*KOLBEN D/E	0,000		
/30	0501.324.123		SEALING RING	1		Z00002393612	A*INNEN*KOL.E*MITTE* KOL.D	0,000		
200	0501.322.620		CUP SPRING	1			SEG.2+3 *KUPPLUNG B*BREMSE D/E	0,000		

Parts list

Page 2 from 3

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.01.02-1

Material-assembly-group-no: 4181.100.063



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
200	4181.123.009		PLANETARY DRIVE	1			SATZ2 *SEG2*V2.1*P2.2* NITR*PL.TRAEGER	0,000		
200	4181.126.053		BRAKE	1			D/E *ST/14-17*SO/14-17	0,000		
200	4181.150.053		CLUTCH UNIT A+B	1			ST/14 *SO/12	0,000		
200	4181.378.007		FILTER COVER	1		Z00021120810		0,000		
210	4181.178.803		FILTER COVER	1			M8X30*OELWANNE *V2.1*MX295	0,000		
300	0501.214.837		GASKET	1				0,000		
300	4181.122.007		PLANETARY DRIVE	1			SATZ1 *SEG2*V2.2* GESCHMIEDET	0,000		
310	4181.103.005		BRAKE F	1			ST/14 *SO/12	0,000		
350	4181.103.801		BRAKE F	1			SEG.2+3 * GRUNDGETRIEBE* SPANNSTIFTE*M10X135	0,000		
360	0501.321.660		CUP SPRING	1			SEG.2+3 *BREMSE F	0,000		
500	---		ADJUSTMENT PLATE	1			H= 2,60- 6,00	0,000		
---	0730.113.271		ADJUSTMENT PLATE	1			A=6,00	0,000		
---	0730.113.270		ADJUSTMENT PLATE	1			A=5,80	0,000		
---	0730.113.272		ADJUSTMENT PLATE	1			A=5,60	0,000		
---	0730.113.072		ADJUSTMENT PLATE	1			A=5,40	0,000		
---	0730.113.071		ADJUSTMENT PLATE	1			A=5,20	0,000		
---	0730.113.070		ADJUSTMENT PLATE	1			h=5,00	0,000		
---	0730.113.069		ADJUSTMENT PLATE	1			A=4,80	0,000		
---	0730.113.068		ADJUSTMENT PLATE	1			A=4,60	0,000		
---	0730.113.067		ADJUSTMENT PLATE	1			A=4,40	0,000		
---	0730.113.066		ADJUSTMENT PLATE	1			A=4,20	0,000		
---	0730.113.065		ADJUSTMENT PLATE	1			A=4,00	0,000		
---	0730.300.889		ADJUSTMENT PLATE	1		Z00008101310	A=3,90	0,000		
---	0730.113.064		ADJUSTMENT PLATE	1			A=3,80	0,000		
---	0730.300.888		ADJUSTMENT PLATE	1		Z00008101310	A=3,70	0,000		
---	0730.113.063		ADJUSTMENT PLATE	1			A=3,60	0,000		
---	0730.300.887		ADJUSTMENT PLATE	1		Z00008101310	A=3,50	0,000		
---	0730.113.062		ADJUSTMENT PLATE	1			A=3,40	0,000		
---	0730.113.061		ADJUSTMENT PLATE	1			A=3,20	0,000		

Parts list

Page 3 from 3

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.01.02-1

Material-assembly-group-no: 4181.100.063



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0730.113.060		ADJUSTMENT PLATE	1			A=3,00	0,000		
---	0730.113.059		ADJUSTMENT PLATE	1			A=2,80	0,000		
---	0730.113.058		ADJUSTMENT PLATE	1			A=2,60	0,000		
550	4181.140.801		OIL SUPPLY	1			SEG.2+3 * GRUNDGETRIEBE*O.NA* M8X36/50/85	0,000		
710	4181.160.050		COVER PLATE	1			SEG.2+3 * GRUNDGETRIEBE	0,000		
750	4181.160.801		COVER PLATE	1			SEG.2+3 * GRUNDGETRIEBE*M8X36	0,000		
800	4181.174.004		POSITION SENSOR	1			SEG.2+3 * GRUNDGETRIEBE	0,000		
810	4181.170.016		SHIFT CONTROL	1			SEG.2+3 * GRUNDGETRIEBE	0,000		
850	4181.170.804		SHIFT CONTROL	1			SEG.2+3 * GRUNDGETRIEBE*M8X36	0,000		
860	4181.170.850		WIRING HARNESS	1			SEG.2+3 * GRUNDGETRIEBE* HALTEBLECH*M6X17	0,000		
910	4181.175.003		SUCTION FILTER	1			SEG.2+3 * GRUNDGETRIEBE*ROHR	0,000		
920	4181.175.801		SUCTION FILTER	1			SEG.2+3 * GRUNDGETRIEBE*M6X25	0,000		
950	4181.179.003		PRESSURE FILTER	1			SEG.2+3 * GRUNDGETRIEBE* HUELSE	0,000		
970	4181.176.850		OIL PAN	1			SEG.2+3 * GRUNDGETRIEBE*M8X30/ 55*M12X55	0,000		

Plant

Page 1 from 1

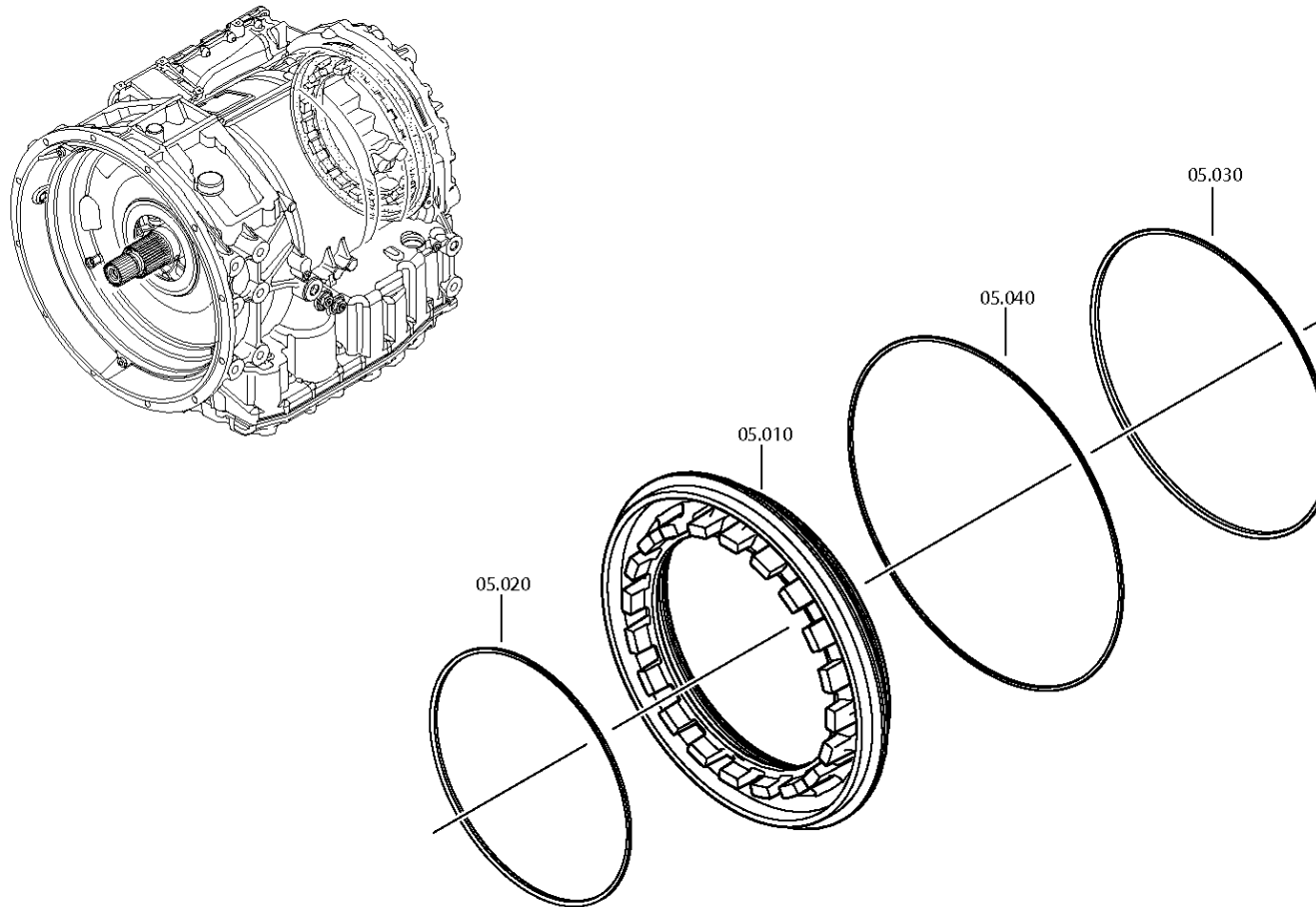
Material number: 4181.040.106

Plate: 130.05.01-1

Material-assembly-group-no: 4181.212.053

ECOLIFE / NOVABUS

PISTON



Parts list

Page 1 from 1

Material number: 4181.040.106

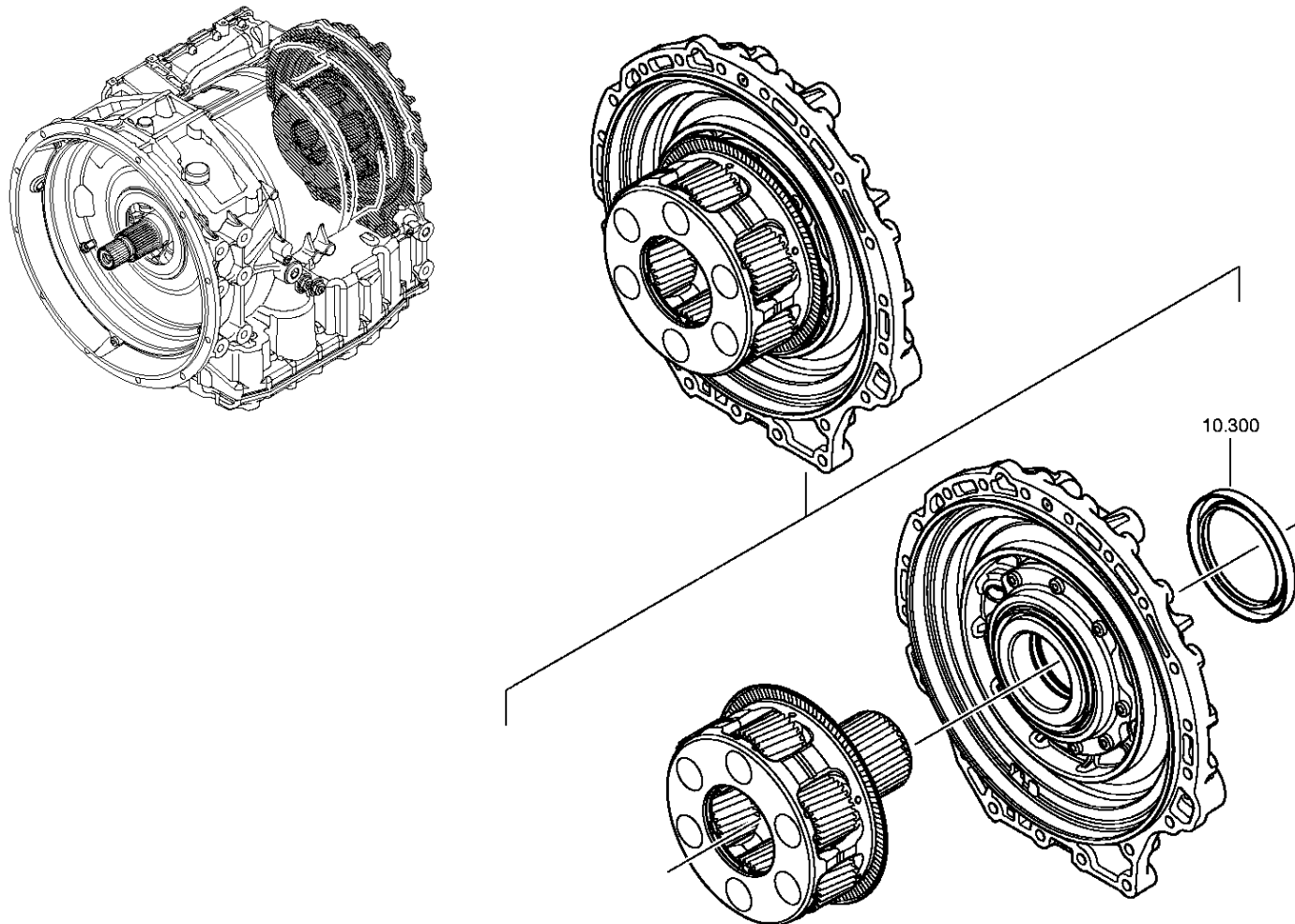
ECOLIFE / NOVABUS

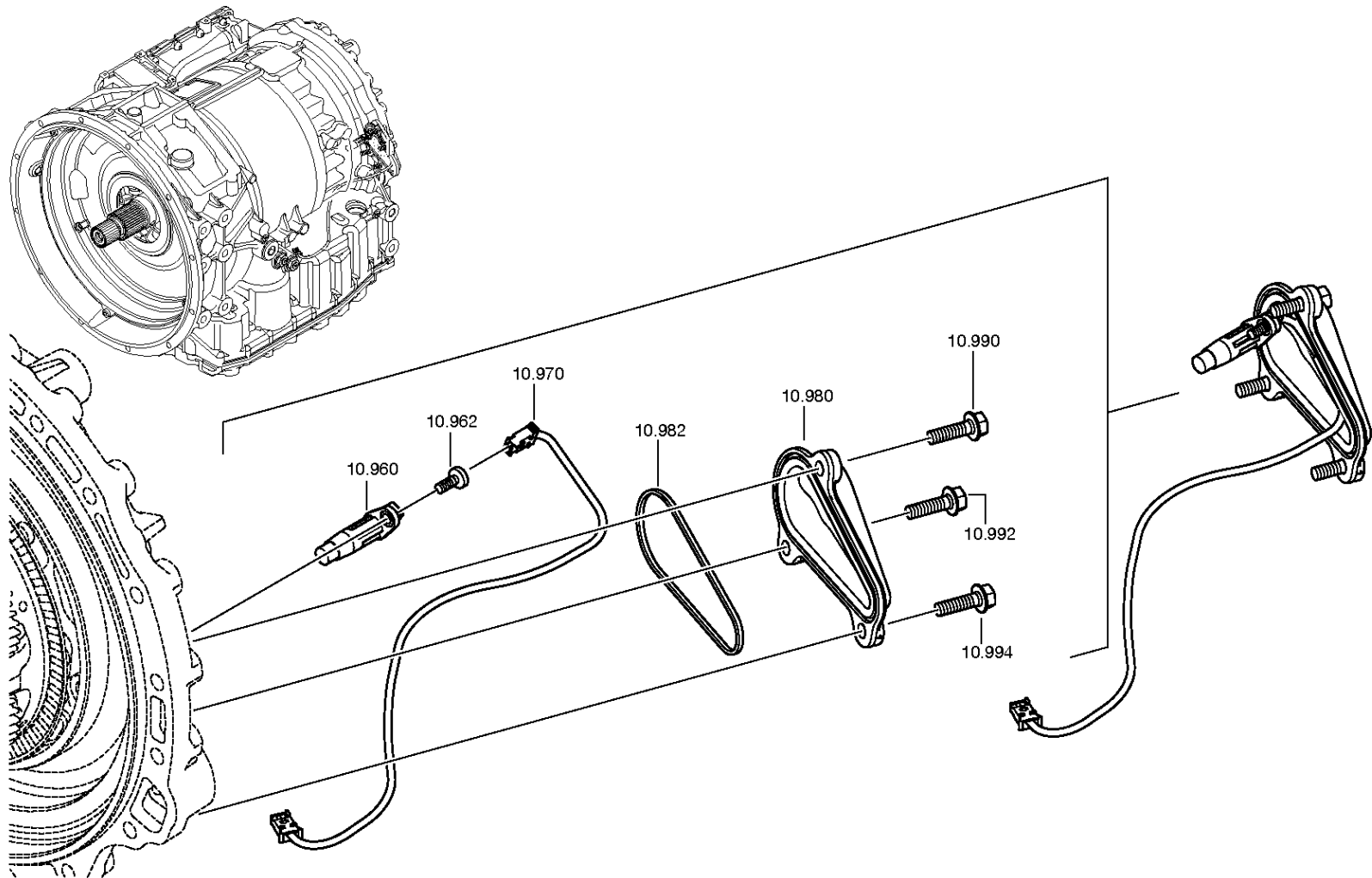
Plate: 130.05.01-1

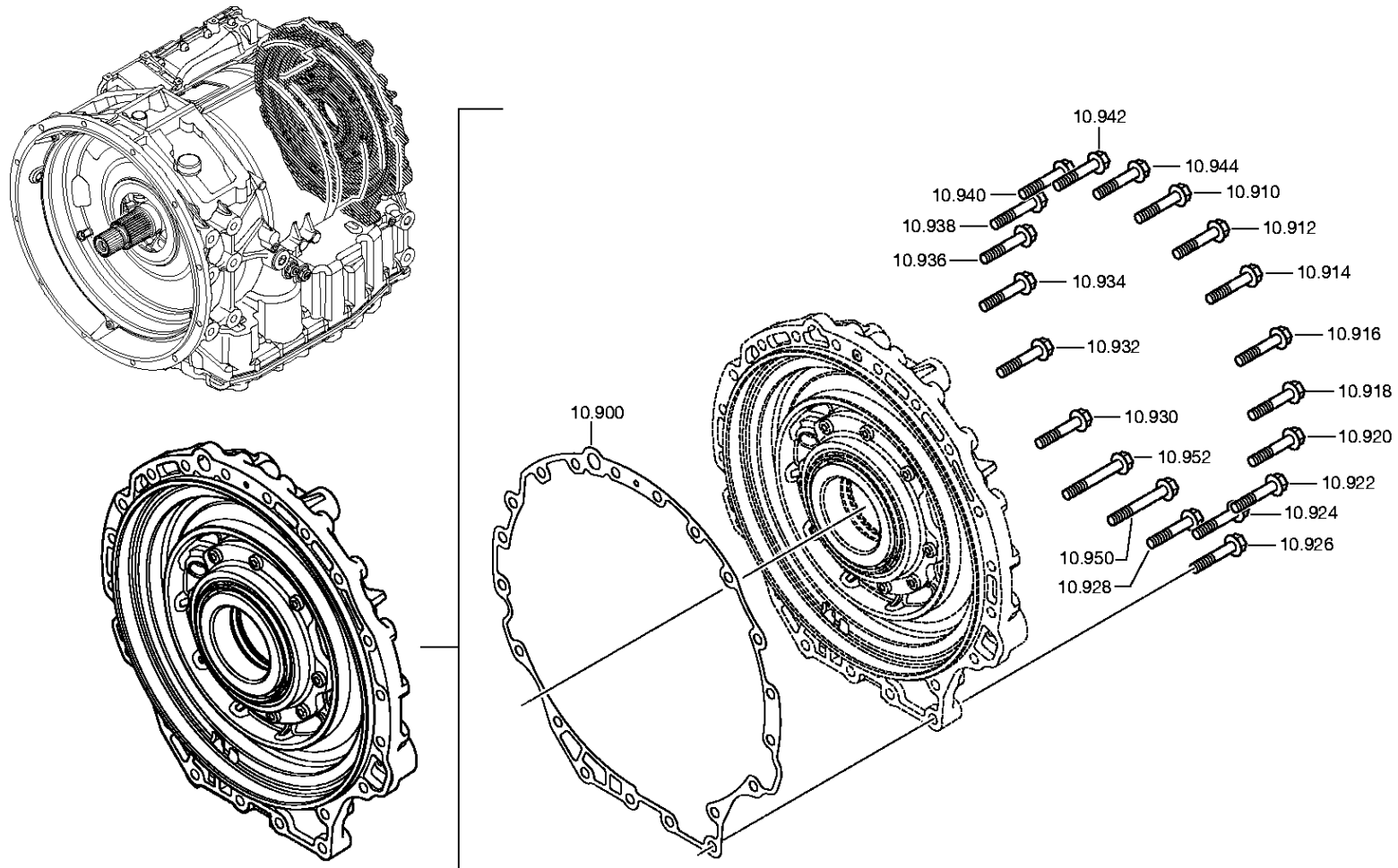
Material-assembly-group-no: 4181.212.053



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	4181.312.023		PISTON	1			BR.F*ST/14*SO/12*DG	0,000		
20	0501.325.801		SEALING RING	1			INNEN 251X260,4X2,9	0,000		
30	0501.325.800		SEALING RING	1			MITTE 288X297,4X2,9	0,000		
40	0501.325.799		SEALING RING	1			AUSSEN 330X339,4X2,9	0,000		







Parts list

Page 1 from 2

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.10.01-1

Material-assembly-group-no: 4181.110.052



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.112.050		OUTPUT COVER	1			LAGEREINHEIT *SEG.2+3	0,000		
200	4181.113.005		BEARING UNIT	1			ABTRIEBSDECKEL *SEG2+3*V2.1	0,000		
200	4181.117.020		PLANETARY GEAR	1			SATZ3*ABTRIEB*KOAXIAL *ST/10-12-14*SO/12-14	0,000		
210	4181.113.801		BEARING UNIT	1			M8X28*ABTRIEBSDECKE L *V2.0	0,000		
300	0734.319.792		SHAFT SEAL	1			100X132X12	0,000		
900	0501.323.191		GASKET	1				0,000		
910	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
912	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
914	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
916	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
918	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
920	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
922	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
924	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
926	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
928	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
930	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
932	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
934	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		

Parts list

Page 2 from 2

Material number: 4181.040.106

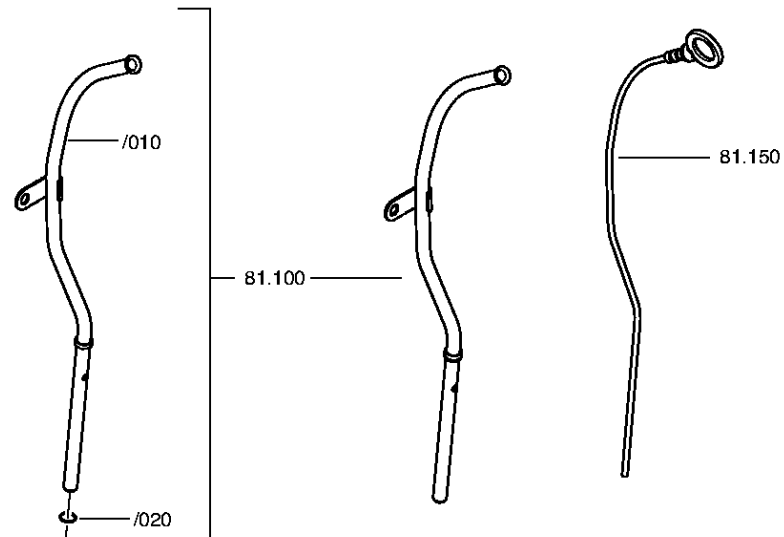
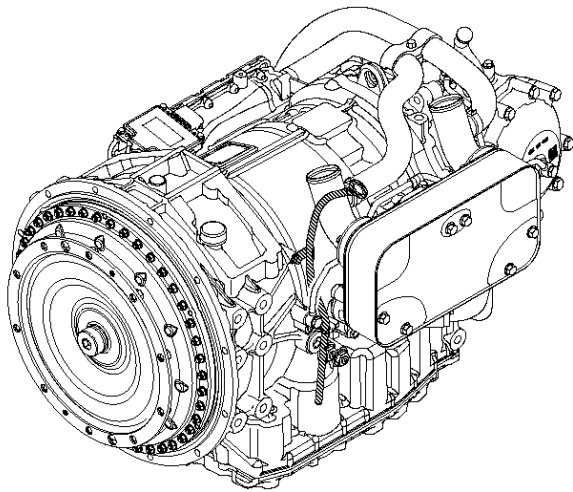
ECOLIFE / NOVABUS

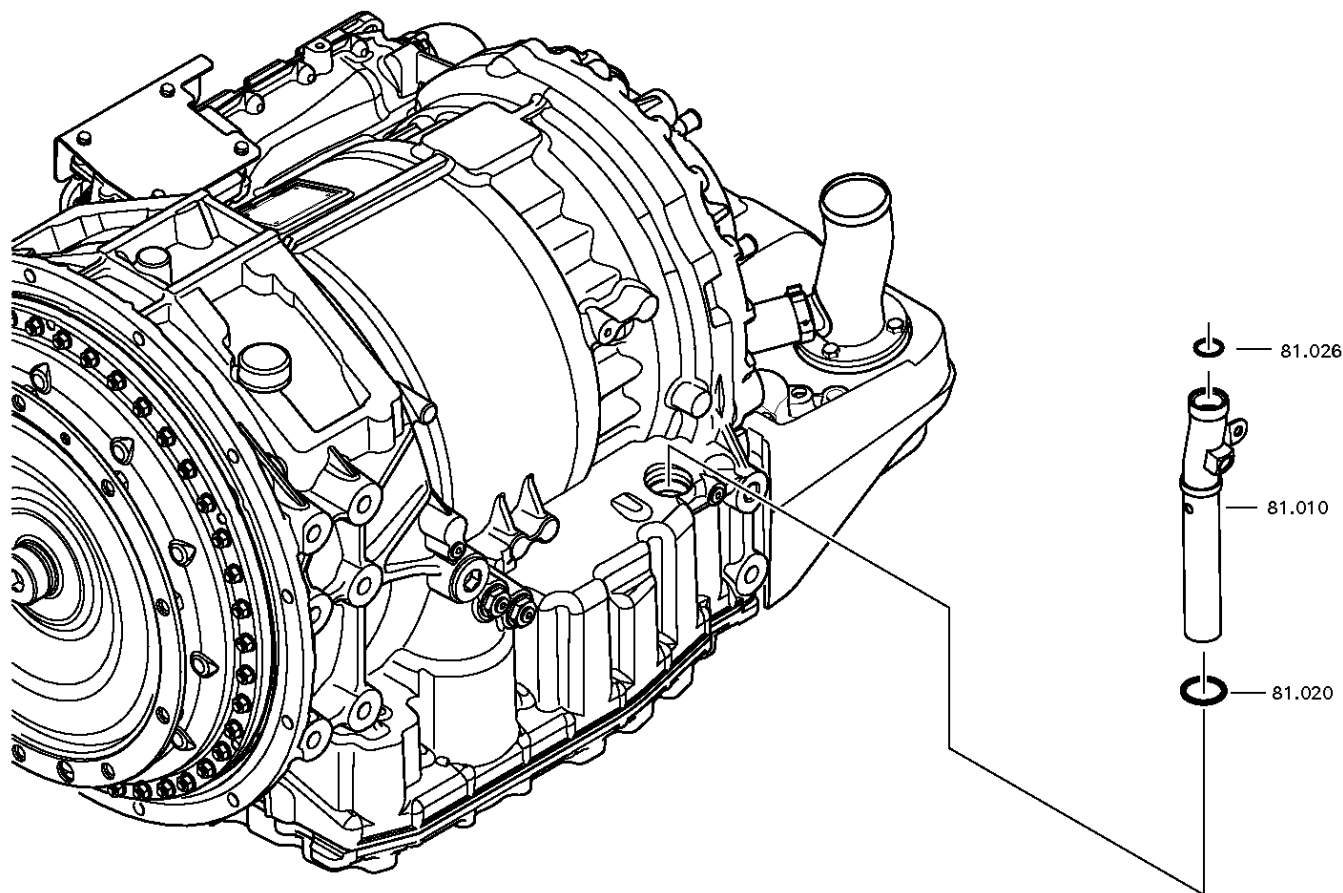
Plate: 130.10.01-1

Material-assembly-group-no: 4181.110.052



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
936	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
938	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
940	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
942	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
944	0636.100.827		SCREW WITH WASHER ASSEMBLY	1		Z00013238310	M10X45	0,000		
950	0636.100.829		SCREW WITH WASHER ASSEMBLY	1		Z00013238312	M10X70	0,000		
952	0636.100.829		SCREW WITH WASHER ASSEMBLY	1		Z00013238312	M10X70	0,000		
960	0501.215.837		SPEED SENSOR	1			KPL.	0,016		
962	0736.300.195		HEXALOBULAR DRIVING SCREW	1		Z00009198310	M6X17 M6X17	0,000		
970	6029.039.091		CABLE ECOLIFE	1		Z00016434410	INT. NAB-KABEL, FF-STECKER	0,008		
980	4181.310.035		COVER	1				0,000		
982	0501.328.271		O-RING	1		Z00012124710	94X3 MX 295 94X3	0,000		
990	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
992	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		
994	0636.100.442		HEXAGON SCREW	1		Z00007355210	M8X30	0,000		





Parts list

Page 1 from 1

Material number: 4181.040.106

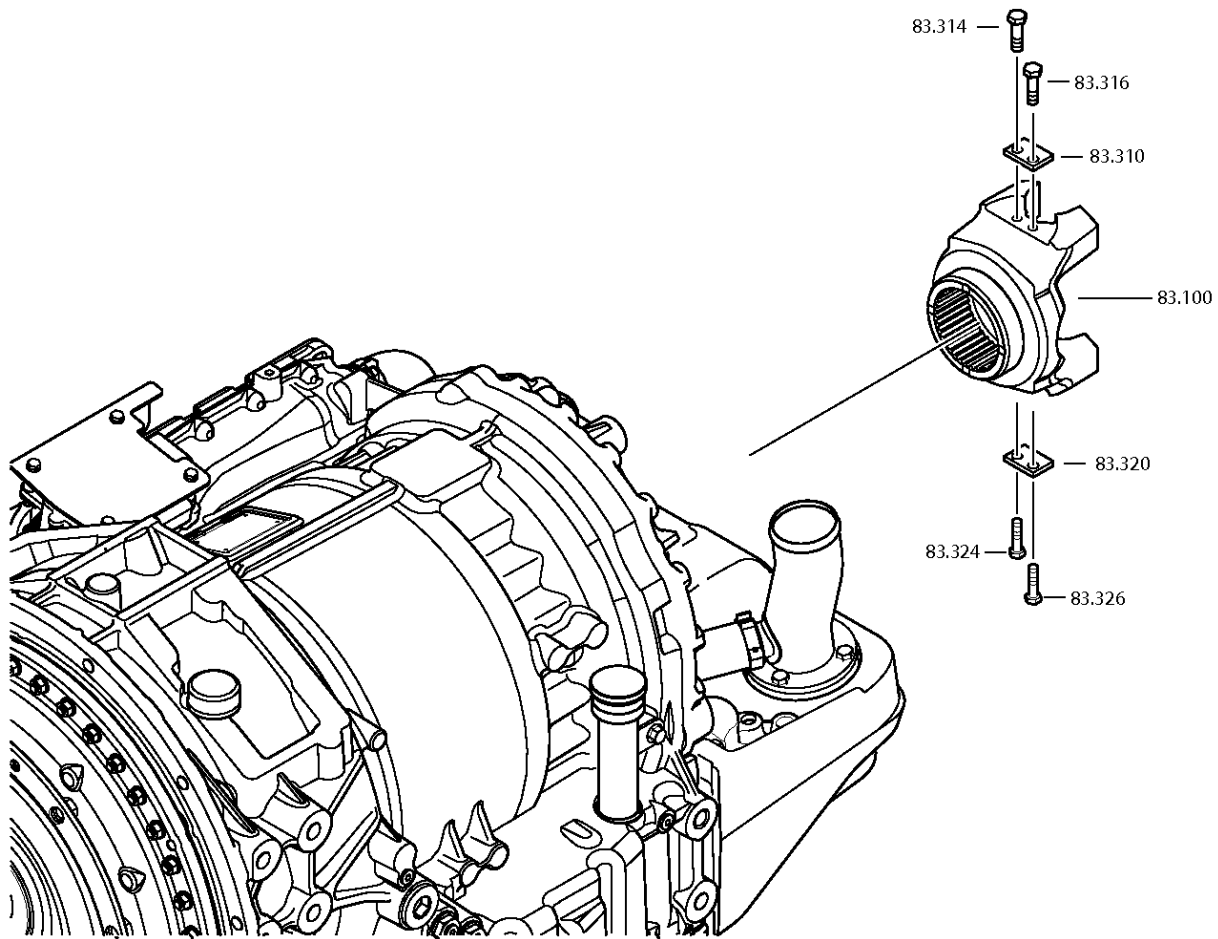
ECOLIFE / NOVABUS

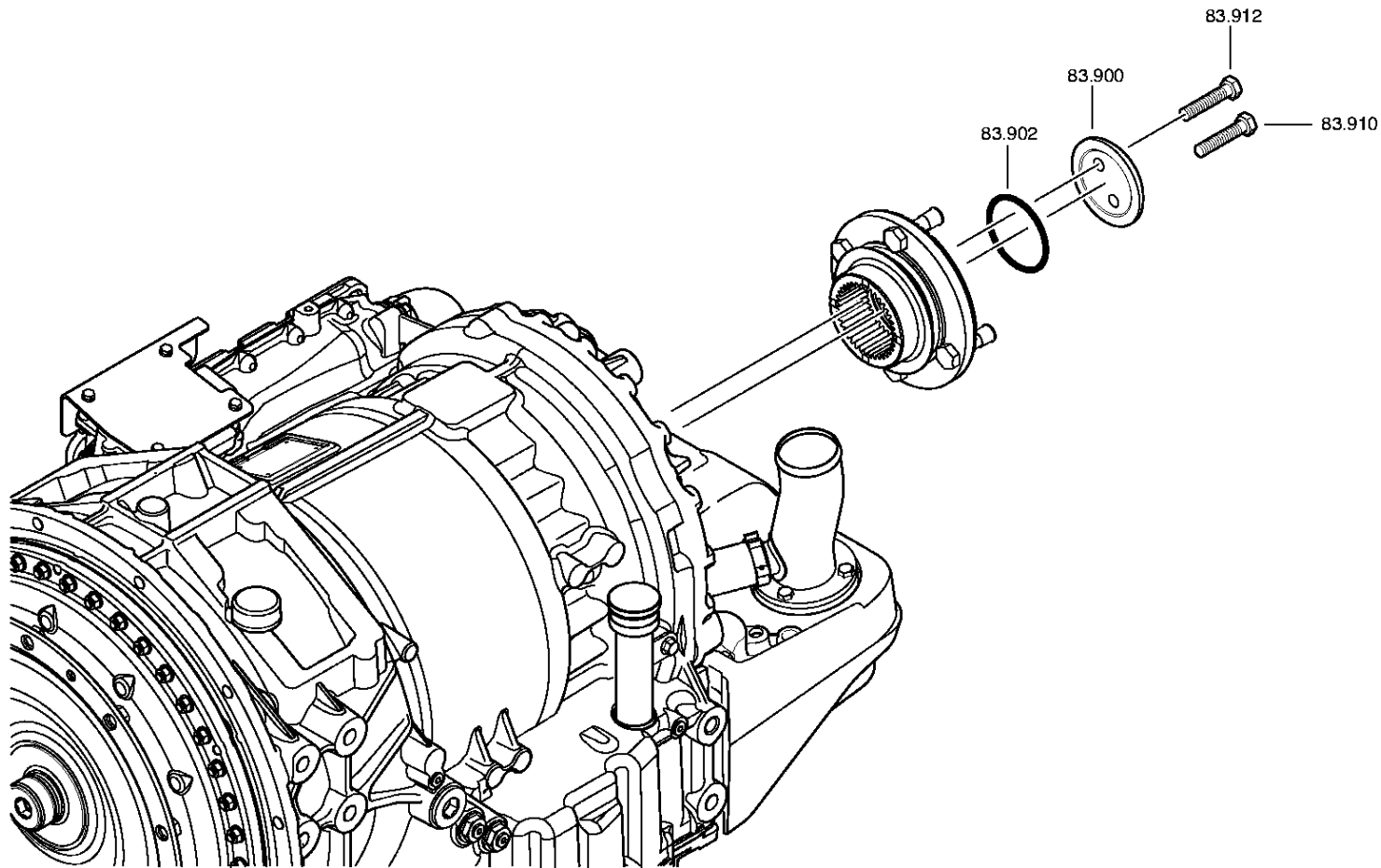
Plate: 130.81.02-1

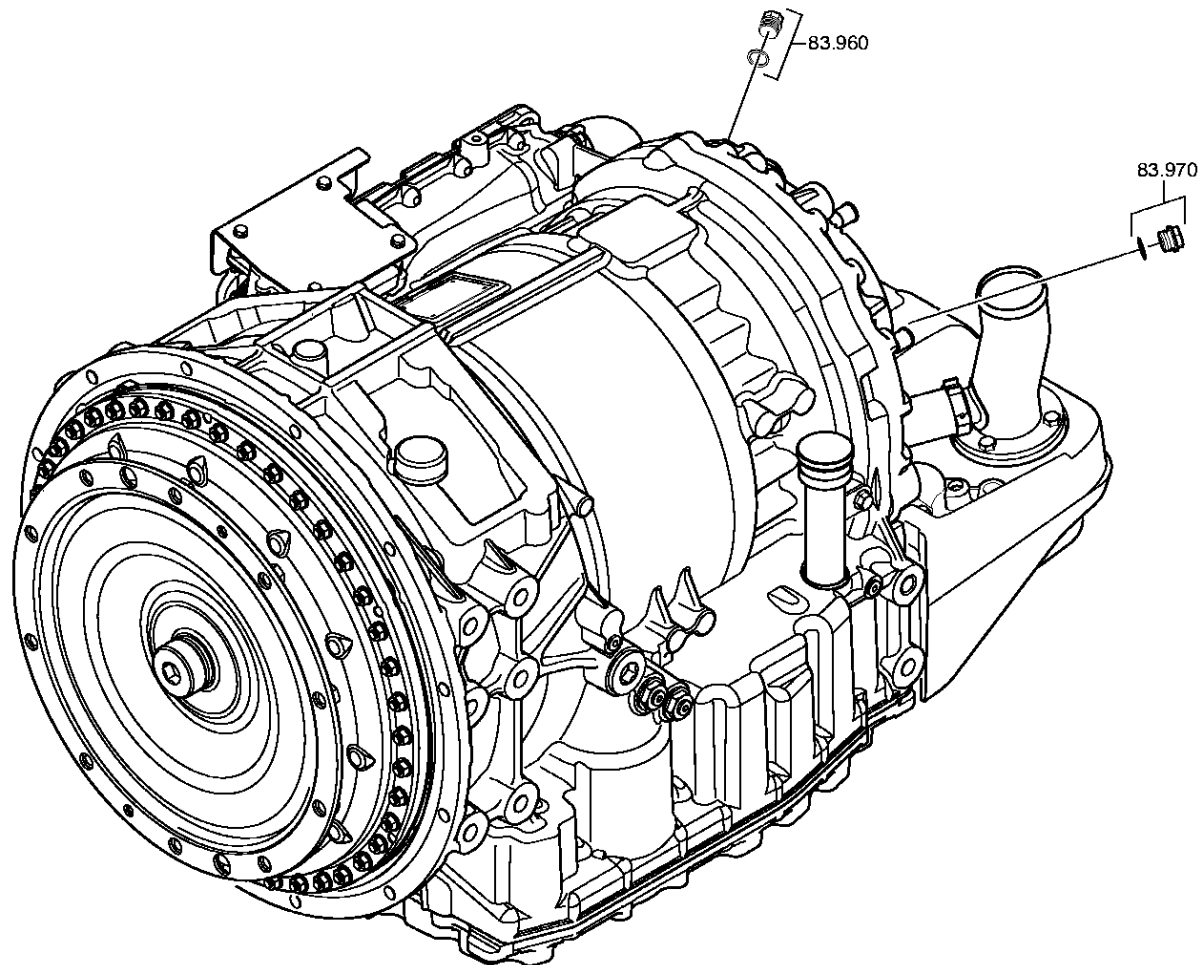
Material-assembly-group-no: 4181.181.080



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	4181.290.051		FILLER TUBE	1			SEG.2+3*ROC-B *SO* AUSF*SEP.OLESTAB*ENTL	0,000		
20	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
26	0501.322.956		O-RING	1			30X1,8*FPMX310	0,000		
100	4181.281.018		TUBE	1			SEG.2+3*ROC-B* OELMESSTEILE* FUEHRUNGSR *SO*AUSF* SEP.OELMESSST	0,000		
/10	4181.290.047		FILLER TUBE	1			SEG.2+3* FUEHRUNGSRÖHR* KALIBR. *SO*AUSF*SEP. OELMESSSTAB	0,000		
/20	0501.322.906		O-RING	1			11X2*FPMX310	0,000		
150	0501.218.063		OIL DIPSTICK	1			SEG.2+3*ROC-B*+8 BIS +10°L* 0 BIS +2°Q*SO* AUSF*SEP.OELMESSST	0,000		







Parts list

Page 1 from 1

Material number: 4181.040.106

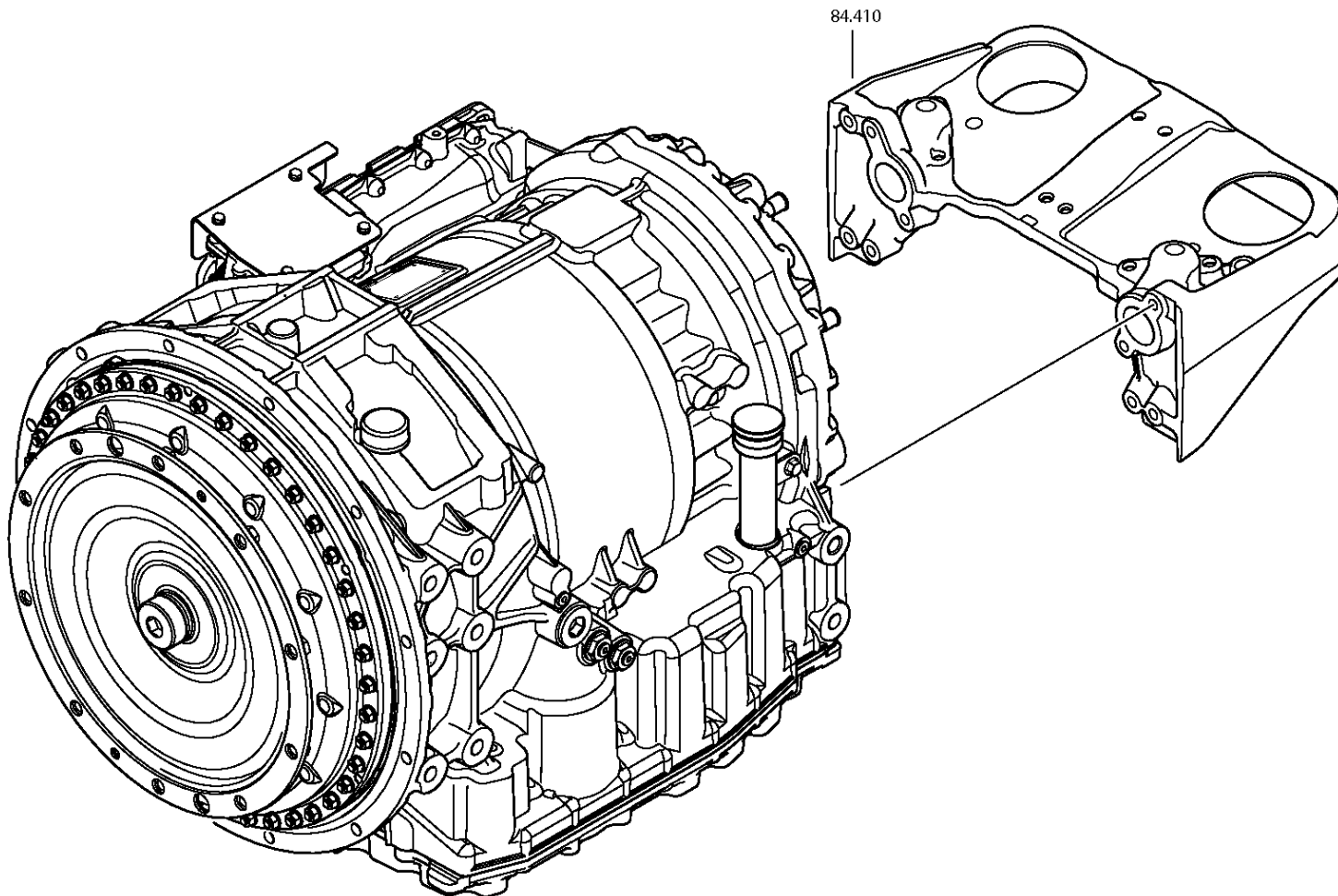
ECOLIFE / NOVABUS

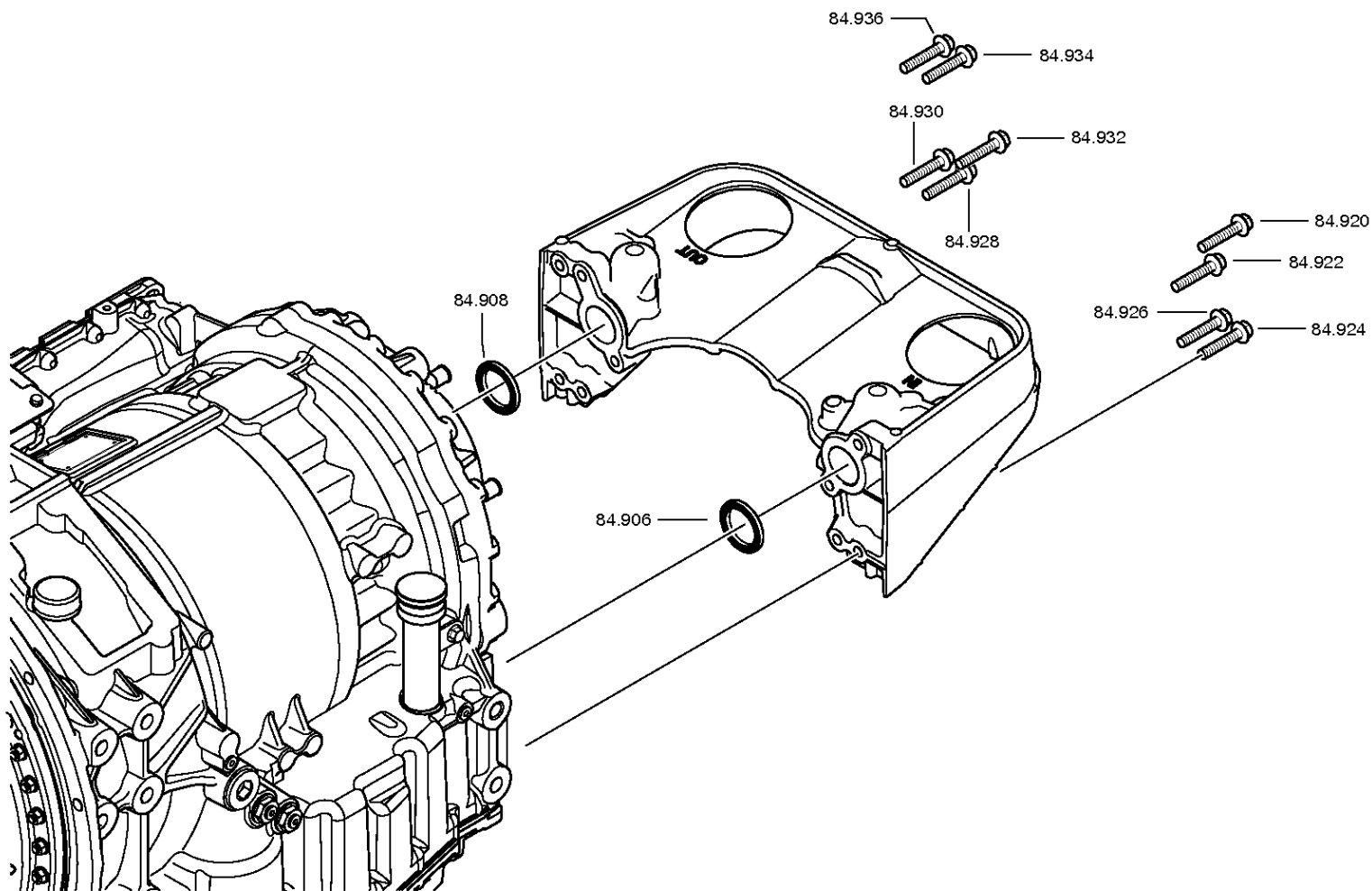
Plate: 130.83.04-1

Material-assembly-group-no: 4181.183.007



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
100	4181.383.008		OUTPUT FLANGE	1			SEG.2+3*ROC-B *YOKE*1710	0,000		
310	4149.303.030		SHEET	1				0,000		
314	0636.100.796		HEXAGON SCREW	1		Z00007891119	M8X20	0,000		
316	0636.100.796		HEXAGON SCREW	1		Z00007891119	M8X20	0,000		
320	4149.303.030		SHEET	1				0,000		
324	0636.100.796		HEXAGON SCREW	1		Z00007891119	M8X20	0,000		
326	0636.100.796		HEXAGON SCREW	1		Z00007891119	M8X20	0,000		
900	4181.393.001		WASHER	1				0,000		
902	0501.322.901		O-RING	1			72X4*FPMX295	0,000		
910	0636.011.777		HEXAGON SCREW	1		Z00007354110	M12X60	0,000		
912	0636.011.777		HEXAGON SCREW	1		Z00007354110	M12X60	0,000		
960	---		SCREW PLUG	1			35N.M*O-RING M18X1,5	0,000		
---	0636.100.825		SCREW PLUG	1		Z00010171914	M18X1,5	0,000		
---	0501.322.915		O-RING	1			15X2*FPMX310	0,000		
970	---		SCREW PLUG	1			35N.M*O-RING M18X1,5	0,000		
---	0636.100.825		SCREW PLUG	1		Z00010171914	M18X1,5	0,000		
---	0501.322.915		O-RING	1			15X2*FPMX310	0,000		





Parts list

Page 1 from 1

Material number: 4181.040.106

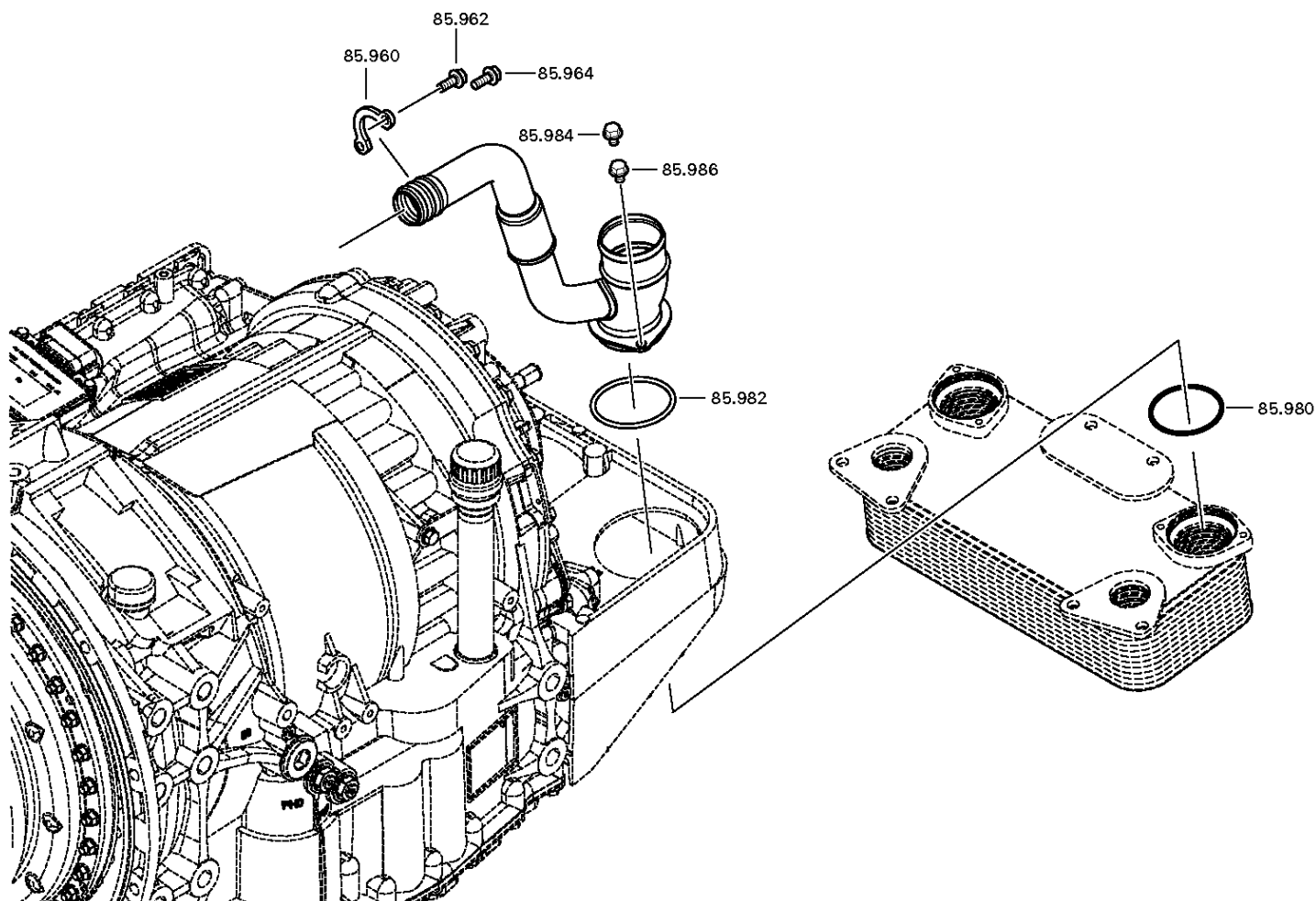
ECOLIFE / NOVABUS

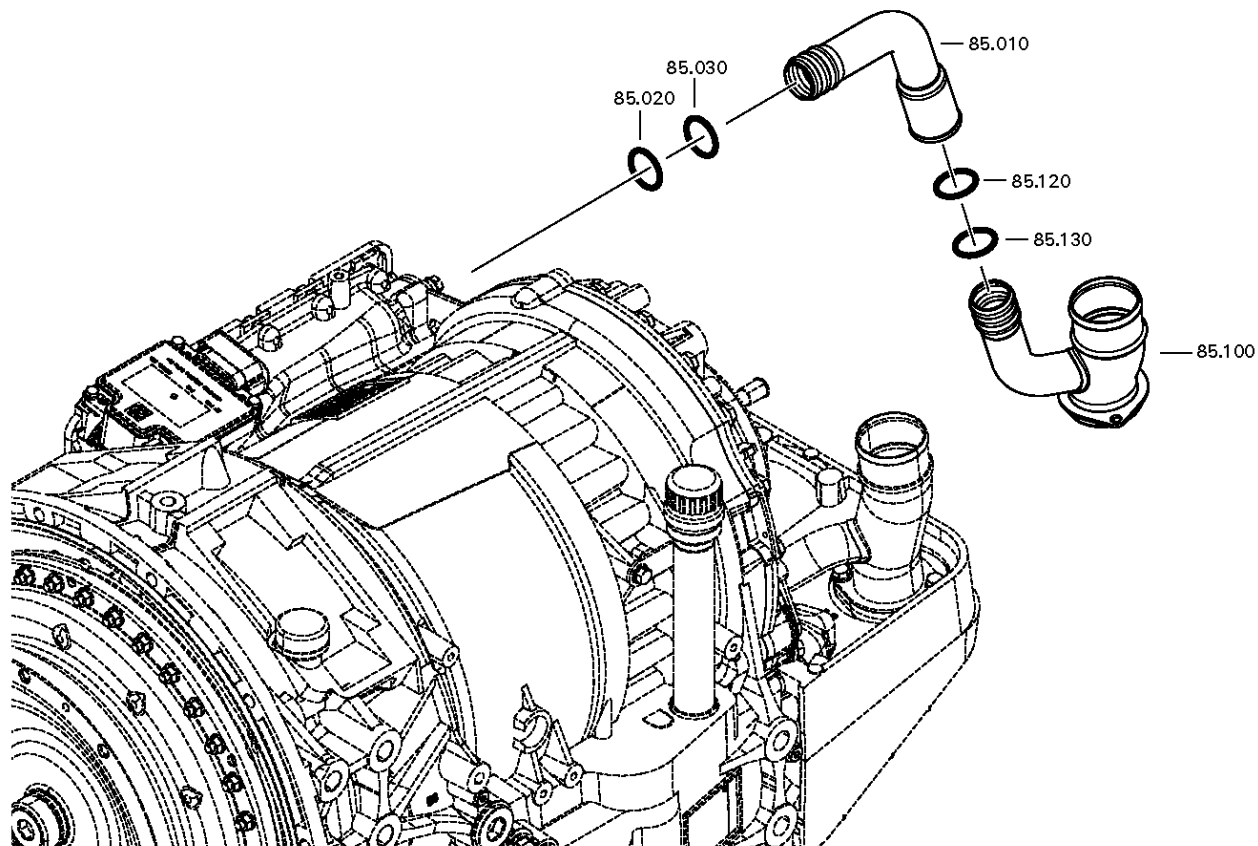
Plate: 130.84.05-1

Material-assembly-group-no: 4181.284.054



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
906	0501.326.758		PROFILE SEALING RING	1		Z00004902410	43,7X54,4X5,3	0,000		
908	0501.326.758		PROFILE SEALING RING	1		Z00004902410	43,7X54,4X5,3	0,000		
920	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
922	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
924	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
926	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
928	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
930	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
932	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
934	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		
936	0636.100.828		SCREW WITH WASHER ASSEMBLY	1		Z00013238311	M10X55	0,000		





Parts list

Page 1 from 1

Material number: 4181.040.106

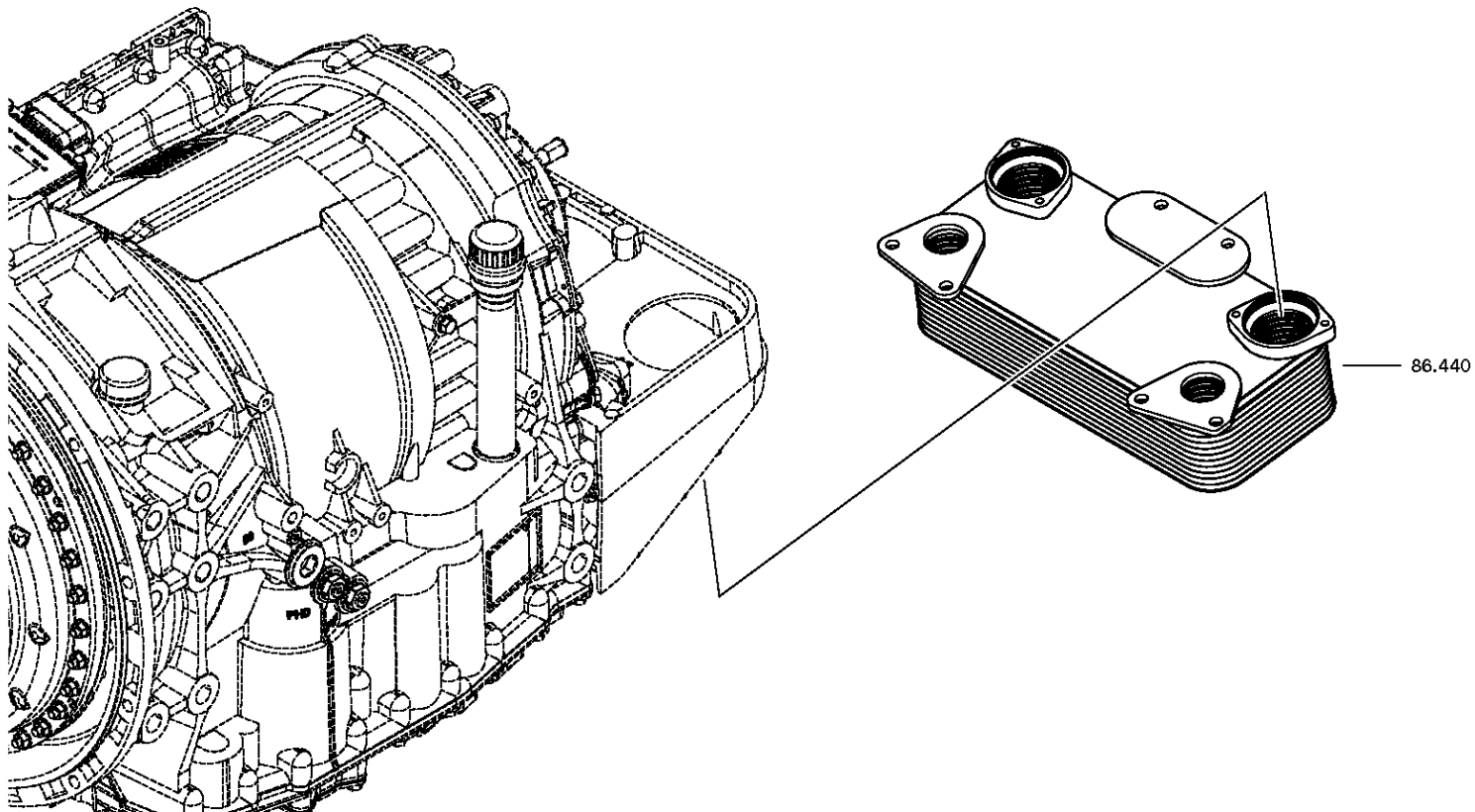
ECOLIFE / NOVABUS

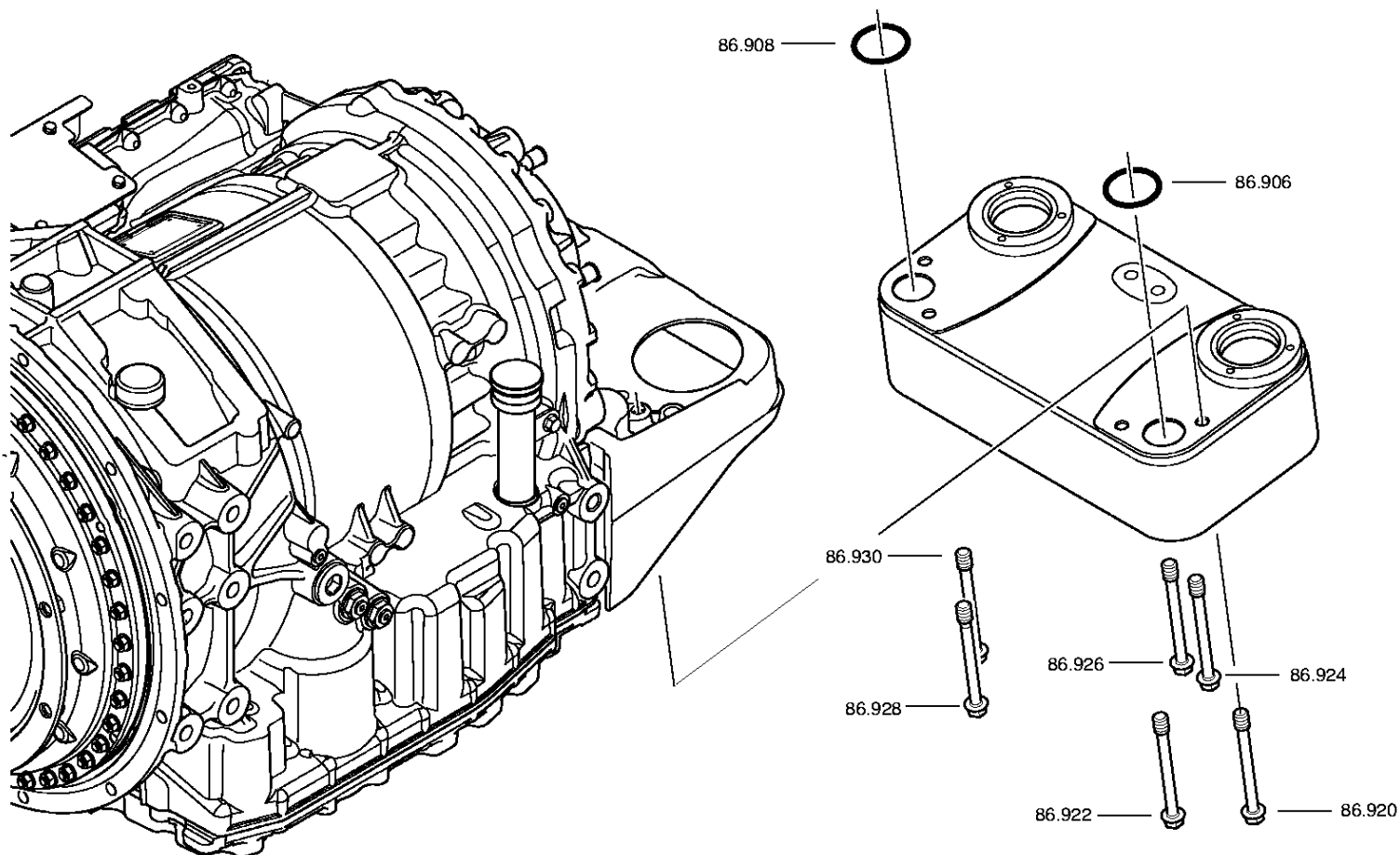
Plate: 130.85.81-1

Material-assembly-group-no: 4181.184.863



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	4181.385.057		TUBE	1			SEG.2+3*ROC-B *KUEHLM *RUECKL *D=35	0,000		
20	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
30	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
100	4181.299.035		PIPE SOCKET	1			SEG.2+3*ROC-B *KUEHLM *RUECKL*KURZ *D=60	0,000		
120	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
130	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
960	4181.384.047		ANCHORAGE	1			WT*ROC*ROHRE*15GRAD	0,000		
962	0636.102.643		SCREW WITH WASHER ASSEMBLY	1		Z00018102410	M8X22	0,000		
964	0636.102.643		SCREW WITH WASHER ASSEMBLY	1		Z00018102410	M8X22	0,000		
980	0501.328.599		O-RING	1			66X4,0 66x4,0	0,000		
982	4181.384.101		GASKET	1				0,000		
984	0636.102.629		SCREW WITH WASHER ASSEMBLY	1		Z00018102410	M8X14	0,000		
986	0636.102.629		SCREW WITH WASHER ASSEMBLY	1		Z00018102410	M8X14	0,000		





Parts list

Page 1 from 1

Material number: 4181.040.106

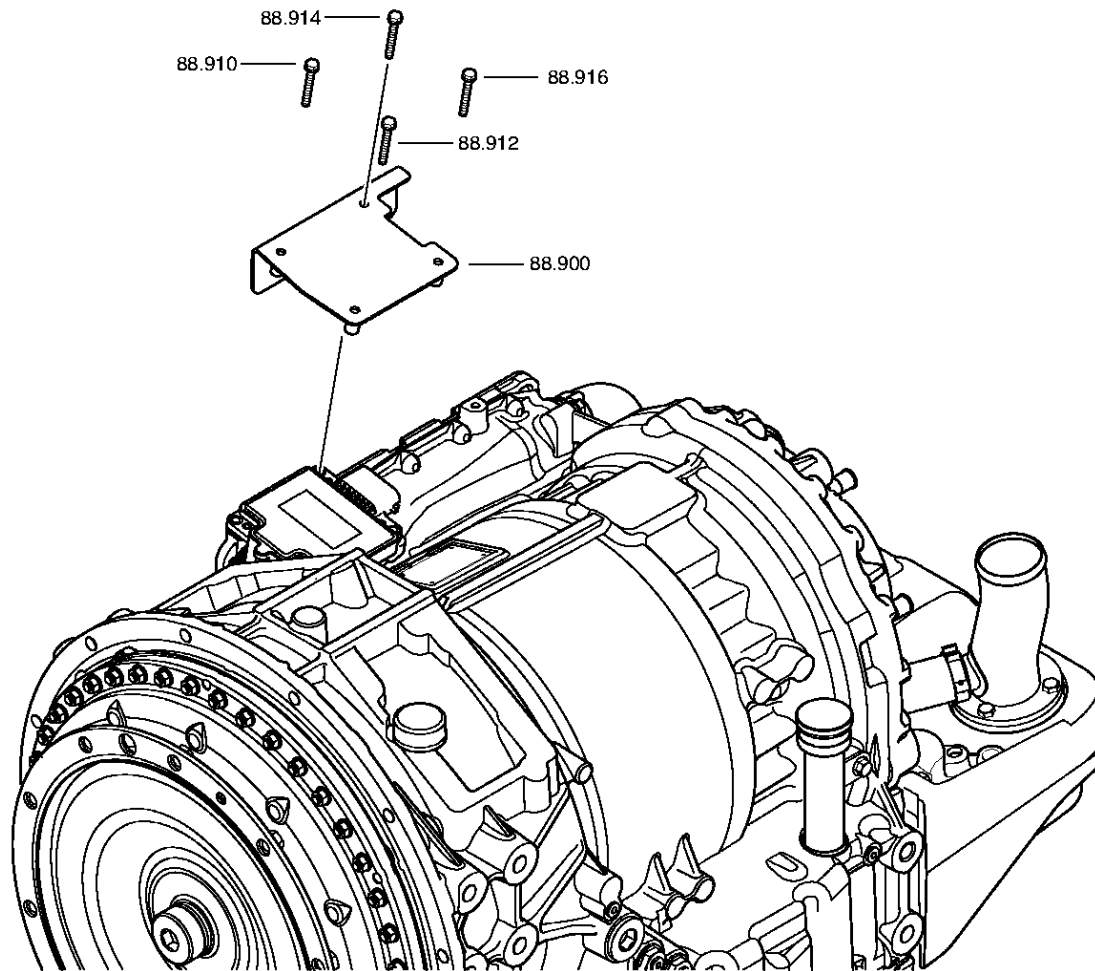
ECOLIFE / NOVABUS

Plate: 130.86.02-1

Material-assembly-group-no: 0501.219.783



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
906	0501.322.974		O-RING	1			48X3,5*75FPM606	0,000		
908	0501.322.974		O-RING	1			48X3,5*75FPM606	0,000		
920	0636.102.274		SCREW WITH WASHER ASSEMBLY	1			M10X25	0,000		
922	0636.102.274		SCREW WITH WASHER ASSEMBLY	1			M10X25	0,000		
924	0636.102.274		SCREW WITH WASHER ASSEMBLY	1			M10X25	0,000		
926	0636.102.274		SCREW WITH WASHER ASSEMBLY	1			M10X25	0,000		
928	0636.102.274		SCREW WITH WASHER ASSEMBLY	1			M10X25	0,000		
930	0636.102.274		SCREW WITH WASHER ASSEMBLY	1			M10X25	0,000		



Parts list

Page 1 from 1

Material number: 4181.040.106

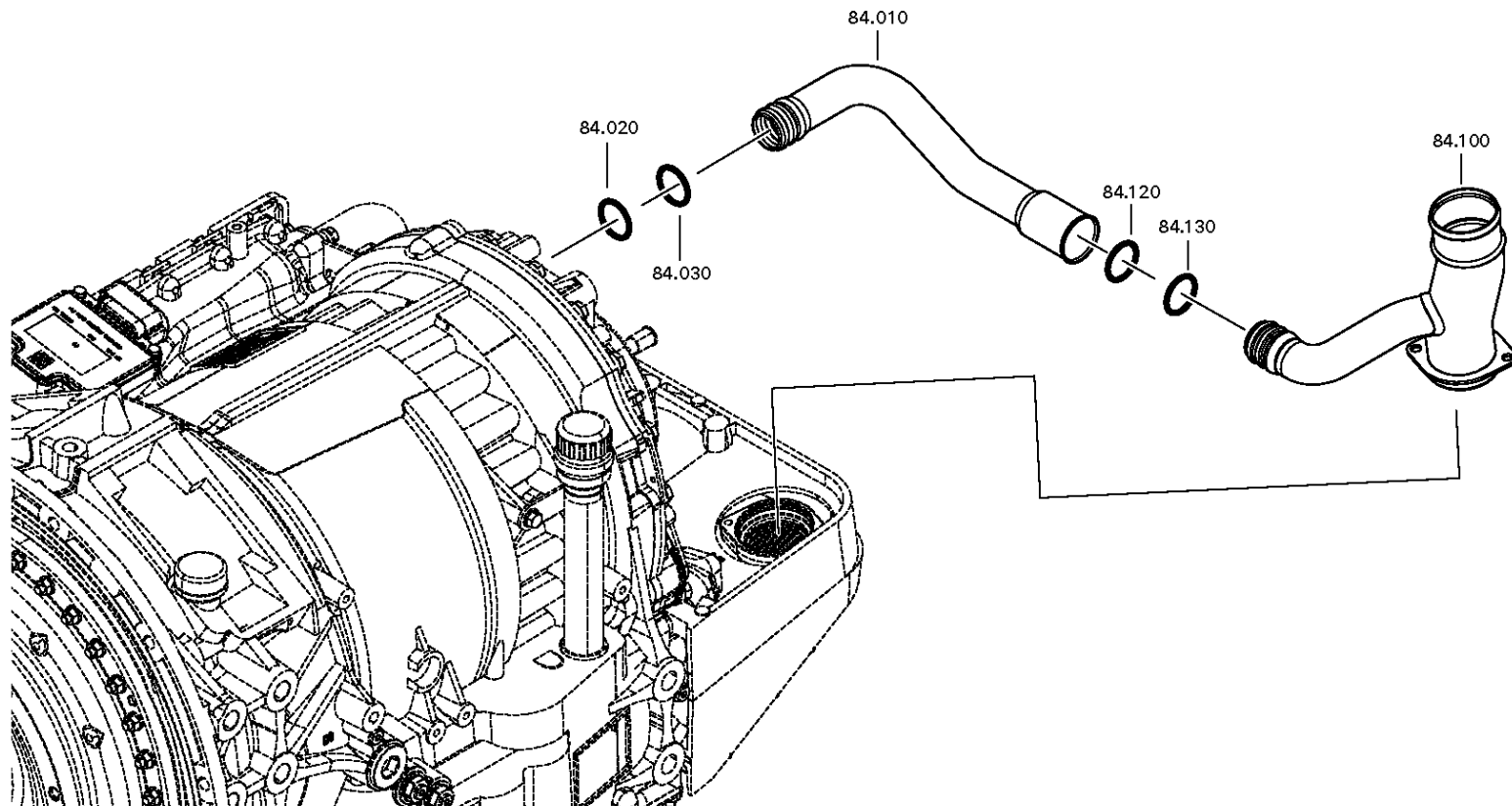
ECOLIFE / NOVABUS

Plate: 130.88.80-1

Material-assembly-group-no: 4181.188.802



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	4181.299.024		COVER	1		Z00001031910	KPL.	0,000		
906	0501.323.632		PROTECTION CAP	1		C01009063E10		0,000		
910	0736.300.172		HEXAGON SCREW	1		Z00009163410	M6X46 M6X46	0,000		
912	0736.300.172		HEXAGON SCREW	1		Z00009163410	M6X46 M6X46	0,000		
914	0736.300.172		HEXAGON SCREW	1		Z00009163410	M6X46 M6X46	0,000		
916	0736.300.172		HEXAGON SCREW	1		Z00009163410	M6X46 M6X46	0,000		



Parts list

Page 1 from 1

Material number: 4181.040.106

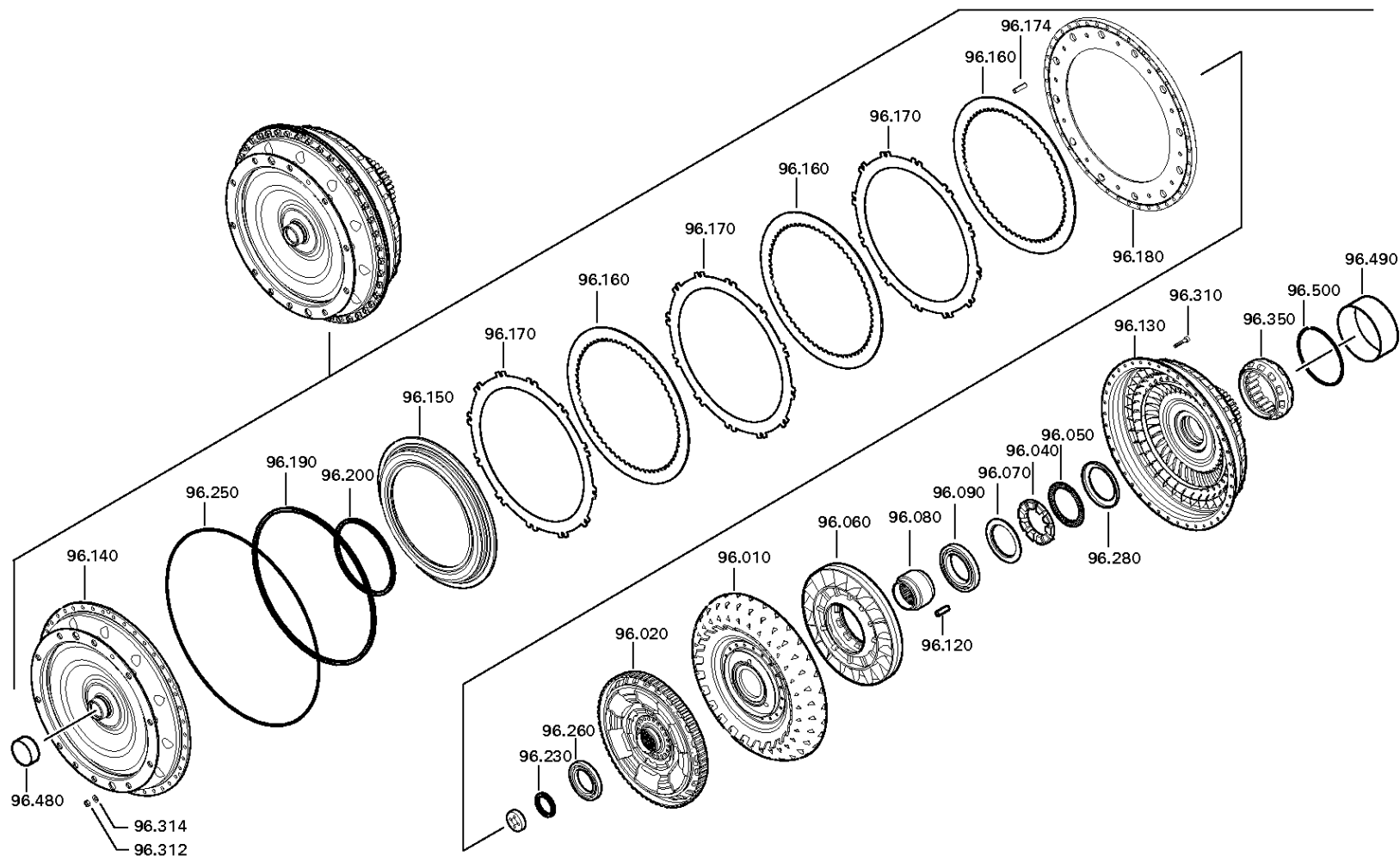
ECOLIFE / NOVABUS

Plate: 130.89.04-1

Material-assembly-group-no: 4181.285.059



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	4181.385.056		TUBE	1			SEG.2+3*ROC-B * KUEHLM*ZULAUF *D=35	0,000		
20	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
30	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
100	4181.299.034		PIPE SOCKET	1			SEG.2+3*ROC-B * KUEHLM*ZULAUF *GEBOKEN *D=60	0,000		
120	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		
130	0501.322.980		O-RING	1			33X3,5*75FPM606	0,000		



Parts list

Page 1 from 1

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.96.04-1

Material-assembly-group-no: 0501.008.491



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	0501.216.774		TURBINE WHEEL	1				0,000		
20	0501.216.291		TORSIONAL VIBRATION DAMPER	1			KPL.	0,000		
40	0501.325.181		PRESSURE DISK	1				0,000		
50	0501.323.533		AXIAL NEEDLE BEARING	1			80,0X113,0X9,0	0,000		
60	0501.325.757		STATOR	1				0,000		
70	0501.325.056		AXIAL WASHER	2				0,000		
80	0501.328.717		FREEWHEEL RING	1		Z00015749510		0,000		
90	0635.330.085		BALL BEARING	2			75X115X13	0,000		
120	0735.470.101		ROLLER	20			10,0X30,0 FA.INA	0,000		
130	0501.325.759		PUMP WHEEL	1				0,000		
140	0501.218.776		CIRCUIT COVER	1		Z00010636113		0,000		
150	0501.324.422		PLATE PISTON	1				0,000		
160	0501.215.214		INNER CLUTCH DISK	3			KPL.	0,000		
170	0501.220.555		OUTER CLUTCH DISK	3		Z00021901810	W370* NITRIERT	0,000		
174	0501.325.507		CYLINDRICAL PIN	12				0,000		
180	---		END SHIM	1			WANDLER	0,000		
---	0501.324.737		END SHIM	1				0,000		
---	0501.324.738		END SHIM	1				0,000		
190	0501.323.519		SEALING RING	1				0,000		
200	0501.323.518		SEALING RING	1				0,000		
230	0501.323.531		RECTANGULAR RING	1				0,000		
250	0501.323.522		SEALING RING	2				0,000		
260	0635.330.086		BALL BEARING	1			60X95X11	0,000		
280	0735.301.305		AXIAL NEEDLE BEARING	1		Z00015749510		0,000		
310	0636.100.602		CAP SCREW	36		Z00007357512	M8X40	0,020		
312	0637.006.276		HEXAGON NUT	36			M8	0,000		
314	0730.301.063		WASHER	72		Z00010420210		0,000		
350	0501.323.534		NEEDLE BEARING	1			68,5X85X31	0,000		
480	0501.317.956		PROTECTION CAP	1				0,000		
490	0501.326.210		PROTECTION CAP	1				0,000		
500	0630.513.081		SNAP RING	1				10,300		

Plant

Page 1 from 1

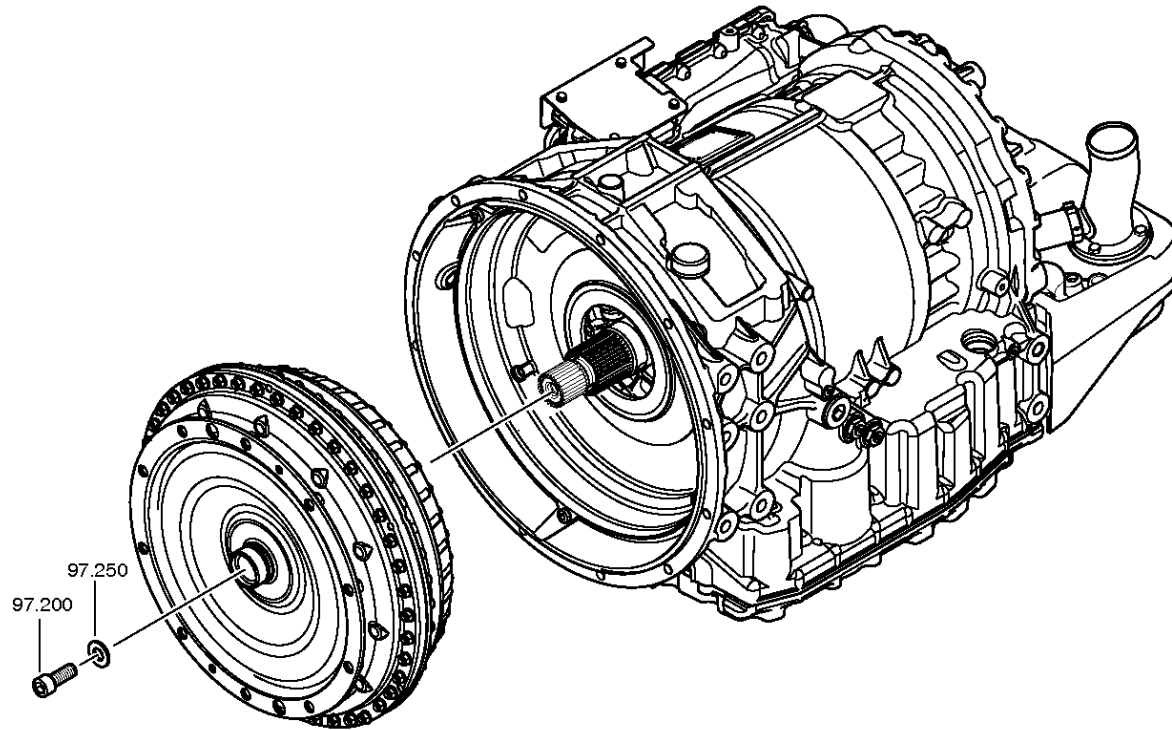
Material number: 4181.040.106

Plate: 130.97.01-1

Material-assembly-group-no: 4181.182.803

ECOLIFE / NOVABUS

CONVERTER



Parts list

Page 1 from 1

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.97.01-1

Material-assembly-group-no: 4181.182.803



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
200	0736.101.458		CAP SCREW	1			M16X42	0,000		
250	---		WASHER	1			H= 1,00- 2,60	0,000		
---	0730.005.601		WASHER	1			A=2,60 IN 0730 005 591(2)	0,000		
---	0730.005.600		WASHER	1			A=2,50 IN 0730 005 591(2)	0,000		
---	0730.005.599		WASHER	1			A=2,00 IN 0730 005 591(2)	0,000		
---	0730.005.598		WASHER	1			A=1,90 IN 0730 005 591(2)	0,000		
---	0730.005.597		WASHER	1			A=1,80 IN 0730 005 591(2)	0,000		
---	0730.005.596		WASHER	1			A=1,70 IN 0730 005 591(2)	0,000		
---	0730.005.595		WASHER	1			A=1,50 IN 0730 005 591(2)	0,000		
---	0730.005.594		WASHER	1			A=1,20 IN 0730 005 591(2)	0,000		
---	0730.005.593		WASHER	1			A=1,10 IN 0730 005 591(2)	0,000		
---	0730.005.592		WASHER	1			A=1,00 IN 0730 005 591(2)	0,000		

Plant

Page 1 from 1

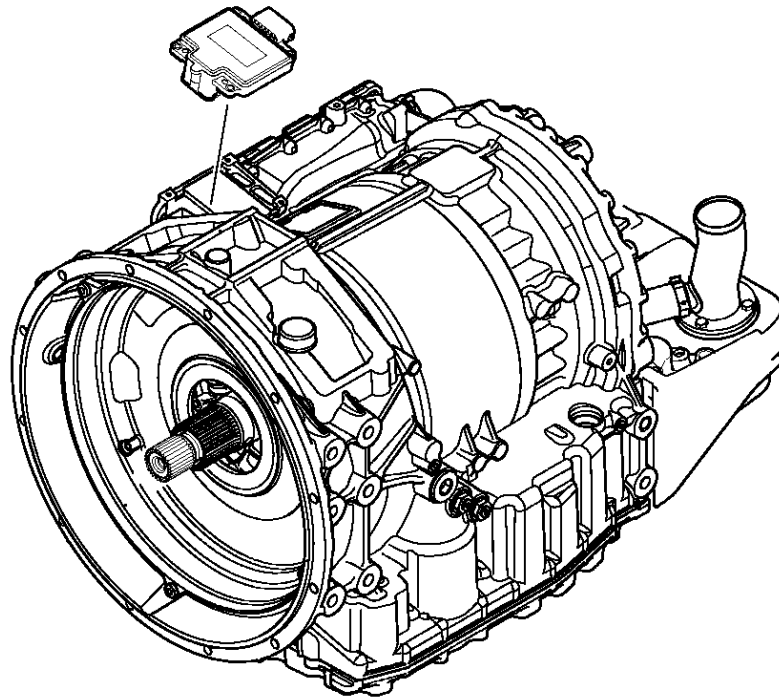
Material number: 4181.040.106

Plate: 130.C2.02-1

Material-assembly-group-no: 6070.003.010

ECOLIFE / NOVABUS

EST ECOLIFE



Parts list

Page 1 from 1

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.C2.02-1

Material-assembly-group-no: 6070.003.010



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
	6070.003.010		EST ECOLIFE	1			SEG.2+3*STANDARD *AB STEP 1.0	0,000		

Plant

Page 1 from 1

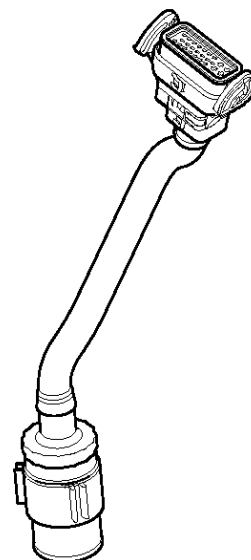
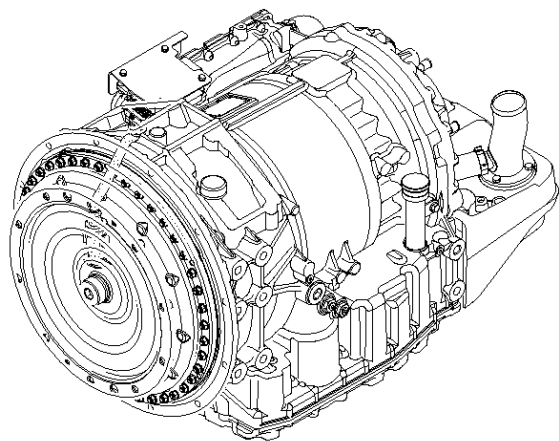
Material number: 4181.040.106

Plate: 130.C3.03-1

CABLE ECOLIFE

ECOLIFE / NOVABUS

CABLE ECOLIFE



Parts list

Page 1 from 1

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.C3.03-1

Material-assembly-group-no: 6029.039.124



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
	6029.039.124		CABLE ECOLIFE	1		Z00016434510	EXTERN*ECU-GET* SCHRUMPF*	0,180		

Plant

Page 1 from 1

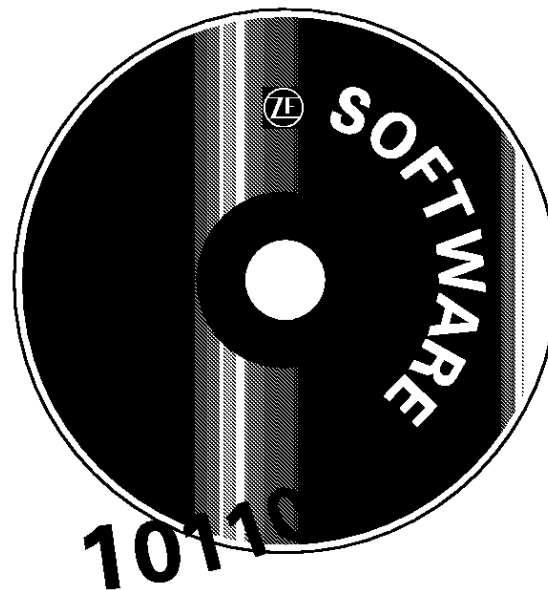
Material number: 4181.040.106

Plate: 130.F5.01-1

Material-assembly-group-no: 6070.203.324

ECOLIFE / NOVABUS

SOFTWARE



Parts list

Page 1 from 1

Material number: 4181.040.106

ECOLIFE / NOVABUS

Plate: 130.F5.01-1

Material-assembly-group-no: 6070.203.324



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	6070.303.381		BASIC PROGRAM	1			STEP 1.2.1	0,000		
100	6070.303.666		DATA FIELD 1	1				0,000		