



DHP12Q0615

WP12系列柴油机零件图册

WP12 SERIES DIESEL PARTS CATALOGUE

潍柴动力股份有限公司
WEICHA' POWER CO.,LTD.

前 言

为使WP12系列柴油机在使用、维护等工作上的方便特汇编本图册以供我方与用户在使用中查阅参考。

该图册基本上按组绘出了各个零件的图形相互关系。图序号、件号、数量、中文名称、英文名称等列于明细表栏内。

随着技术和生产的不断发展柴油机的变形将增多故本图册的内容将有所更新。变化不再另行通知特请用户注意。用户为获取最新产品信息应咨询潍柴动力股份有限公司。

FOREWORD

This illustrated parts manual is specially prepared for customers to facilitate the use of WP12 series diesel engine in operation and tenance.It only includes the main models manufactured in the works at present,with regard to other models,the customers may refer to this catalogue.

The illustrations are grouped under the heading of each assembly and numbered individually.Part.

No.,Quantity,Model,English designation,Chinese designation and so on are written in the parts list With the development of technology and production,the versions of the diesel engine will be increased, so the catalogue will be revised.Please pay attention to our revised edition.If you want to get the most newly information about the products,please visit the Website:<http://www.weichai.com>.

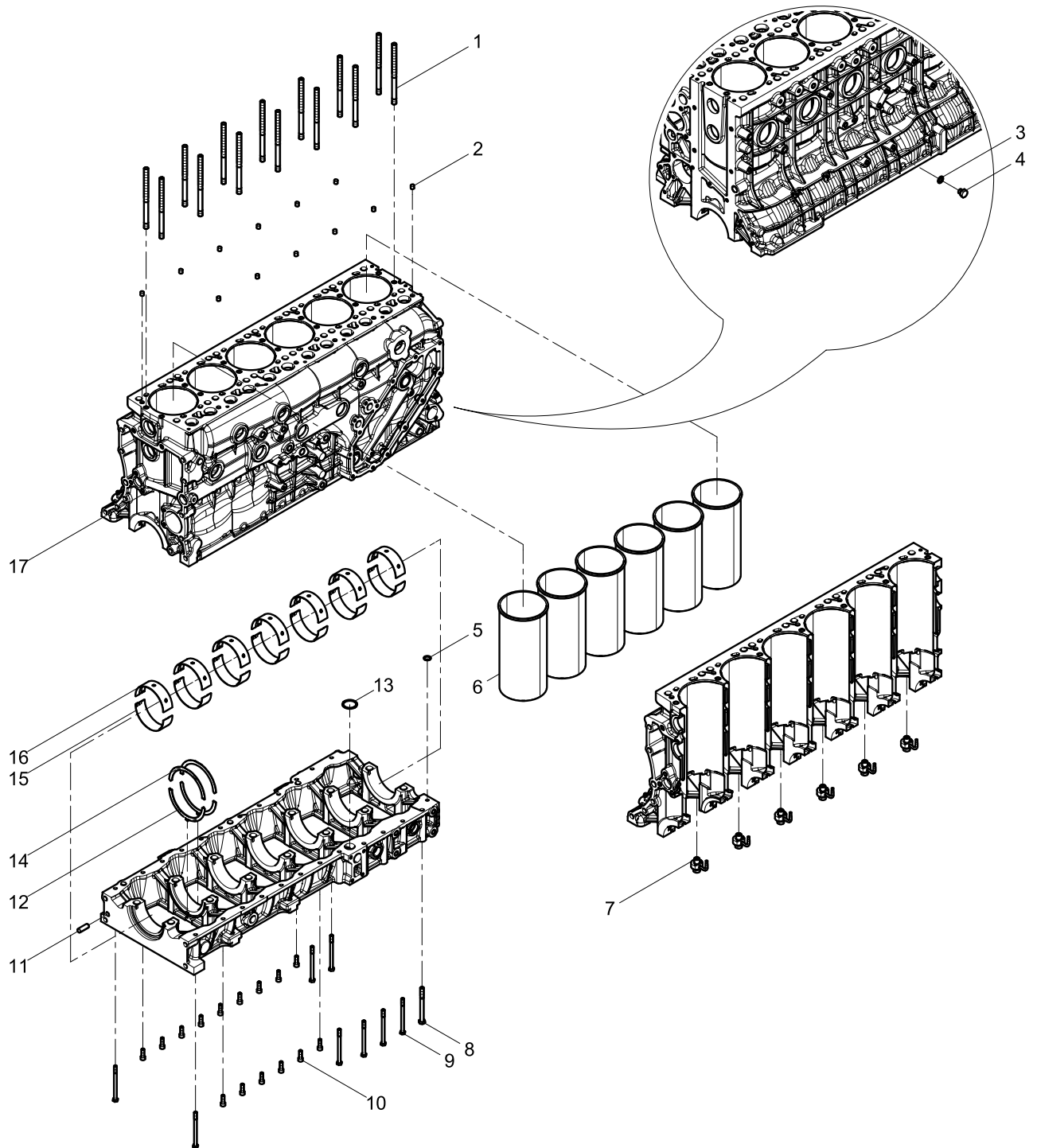
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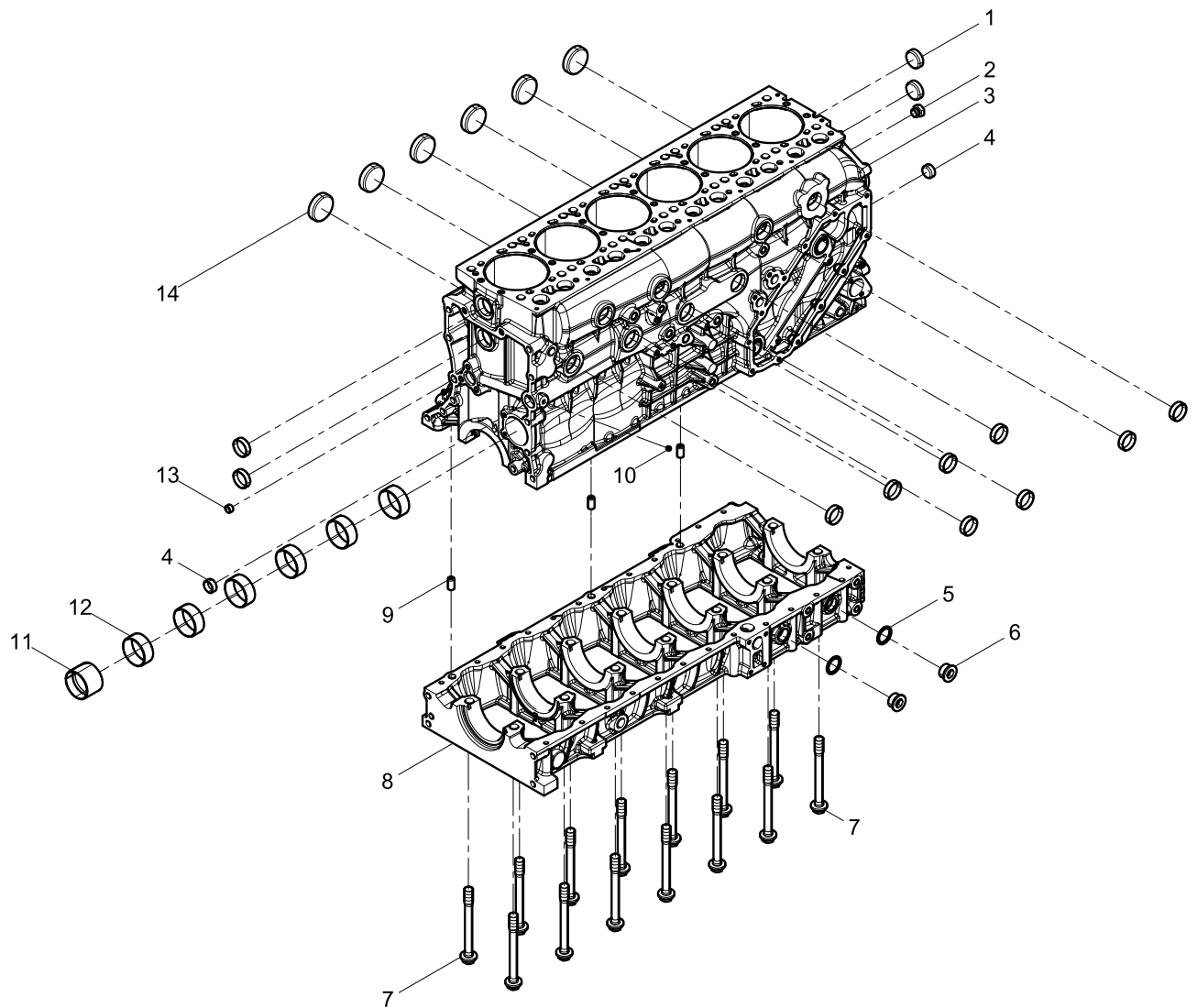
机体结合组(Engine Block Group)



机体结合组(Engine Block Group)

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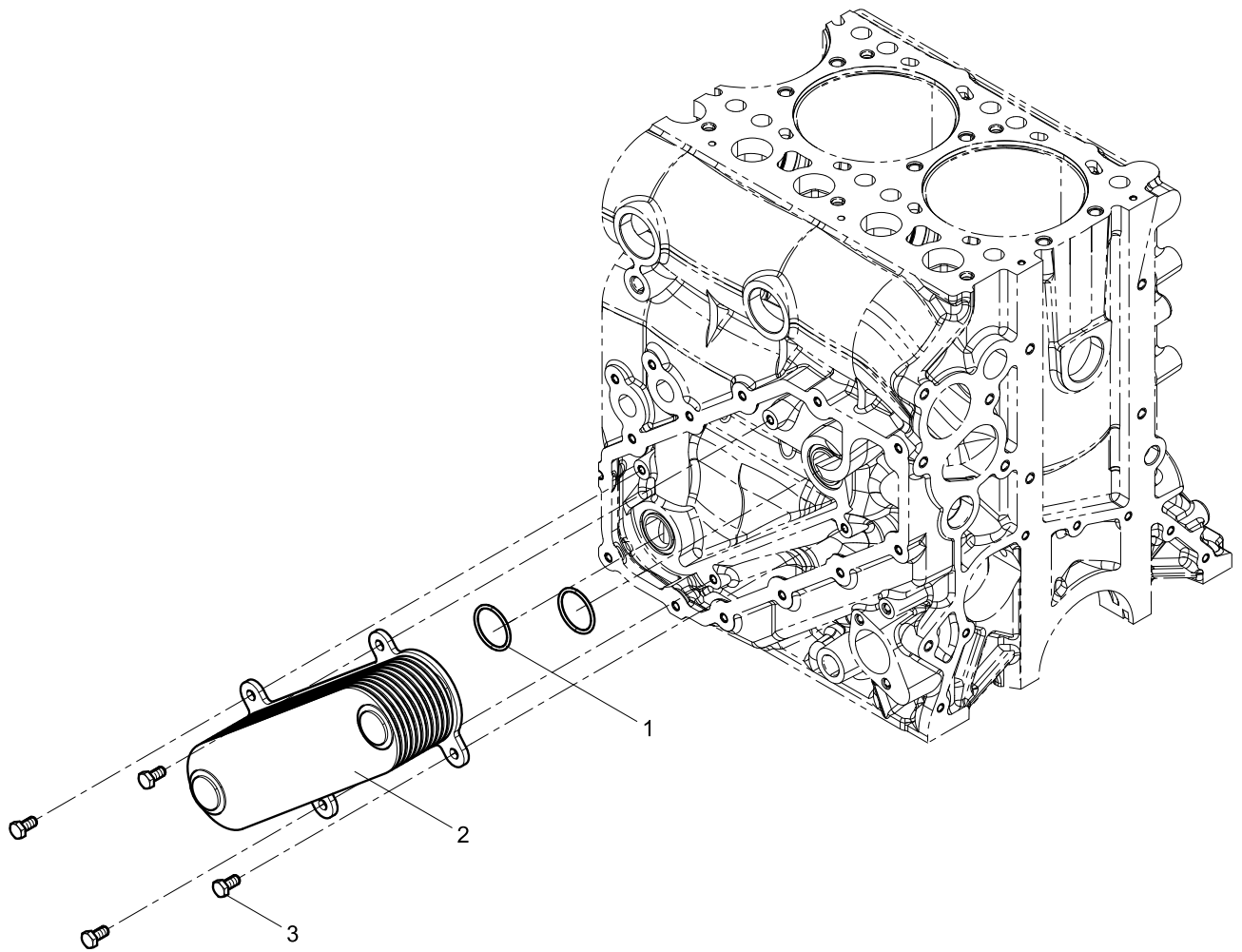
气缸体预装配()



气缸体预装配()

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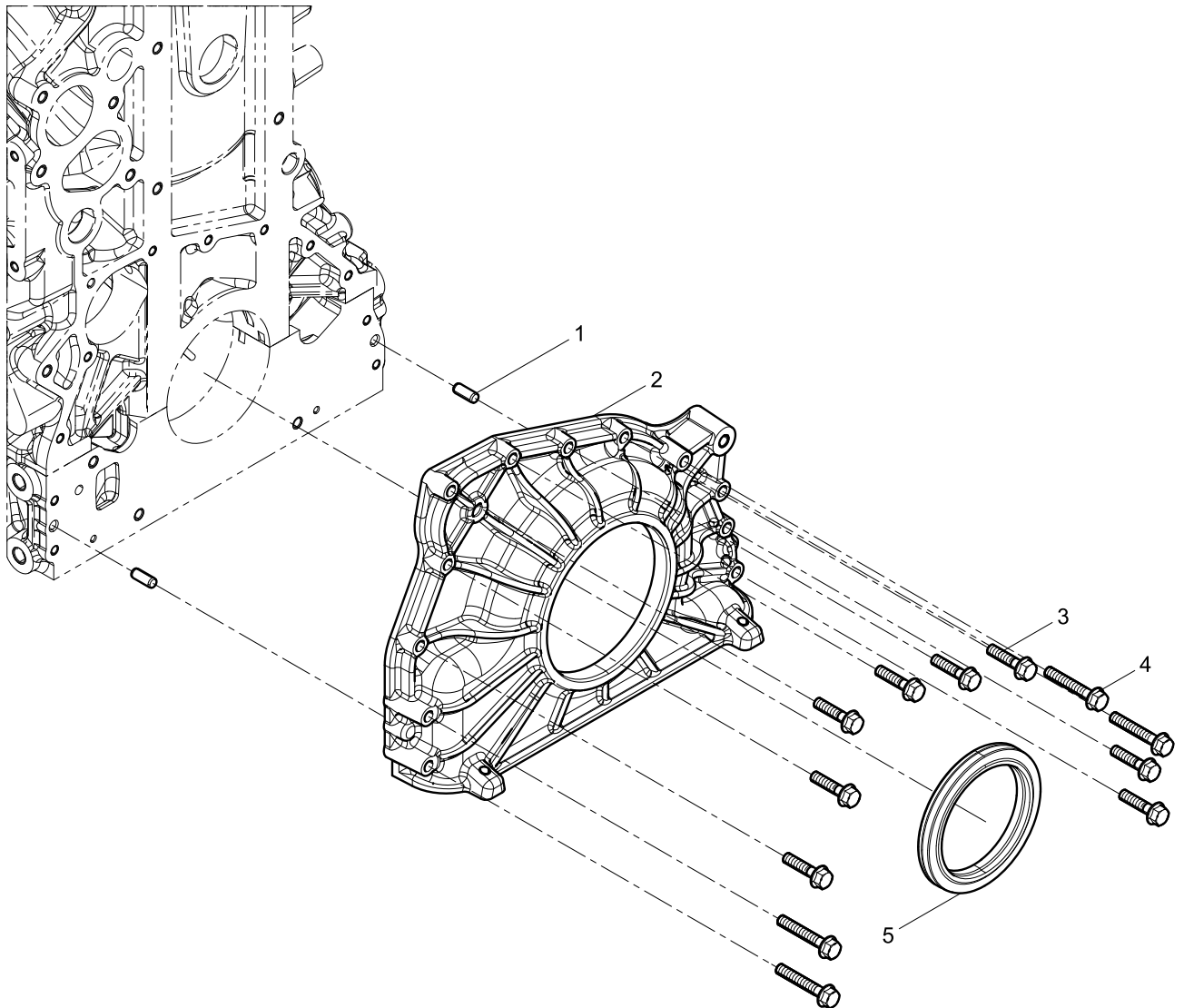
机油冷却器结合组(Oil Cooler Group)



机油冷却器结合组(Oil Cooler Group)

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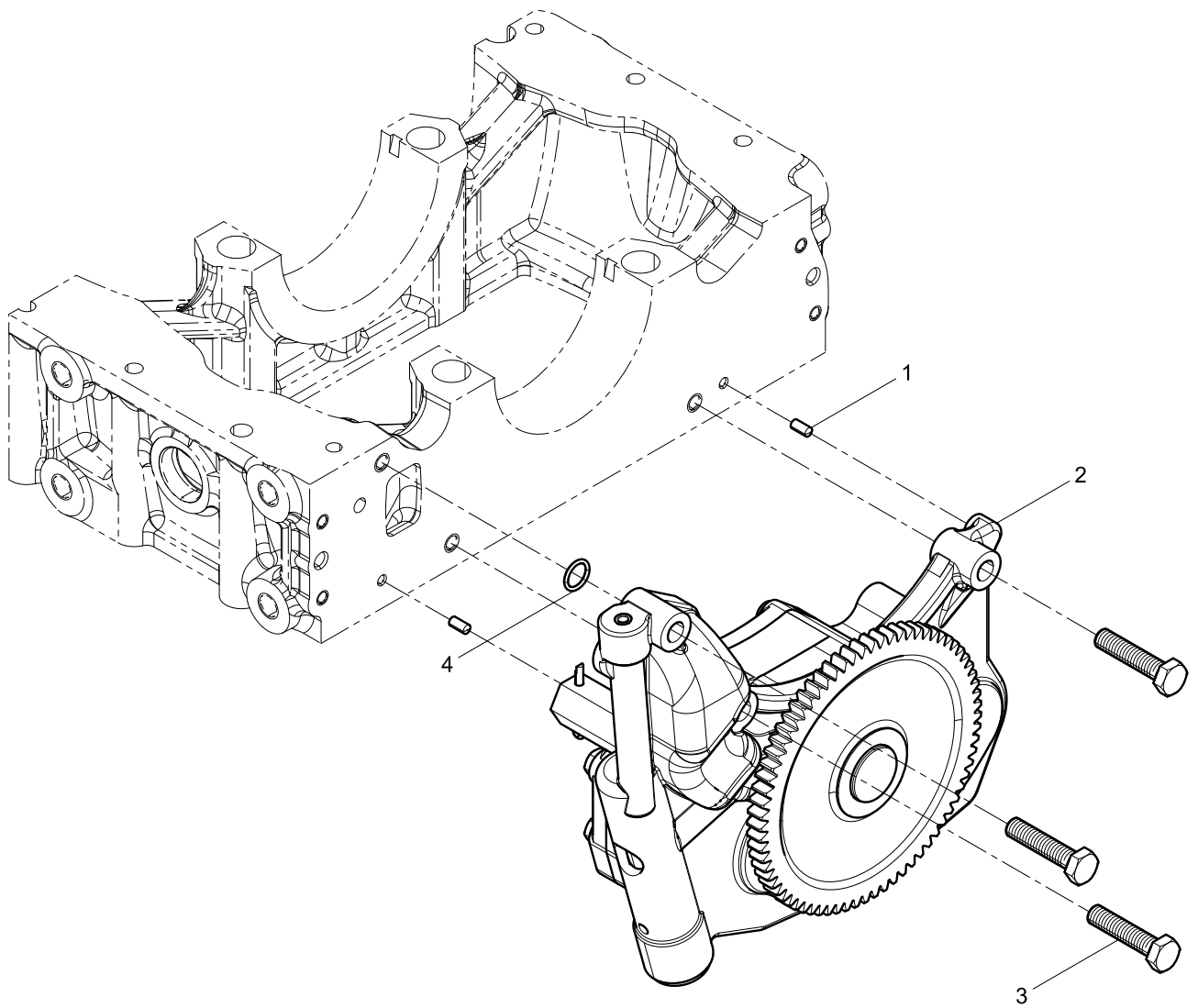
前端盖组件()



前端盖组件0

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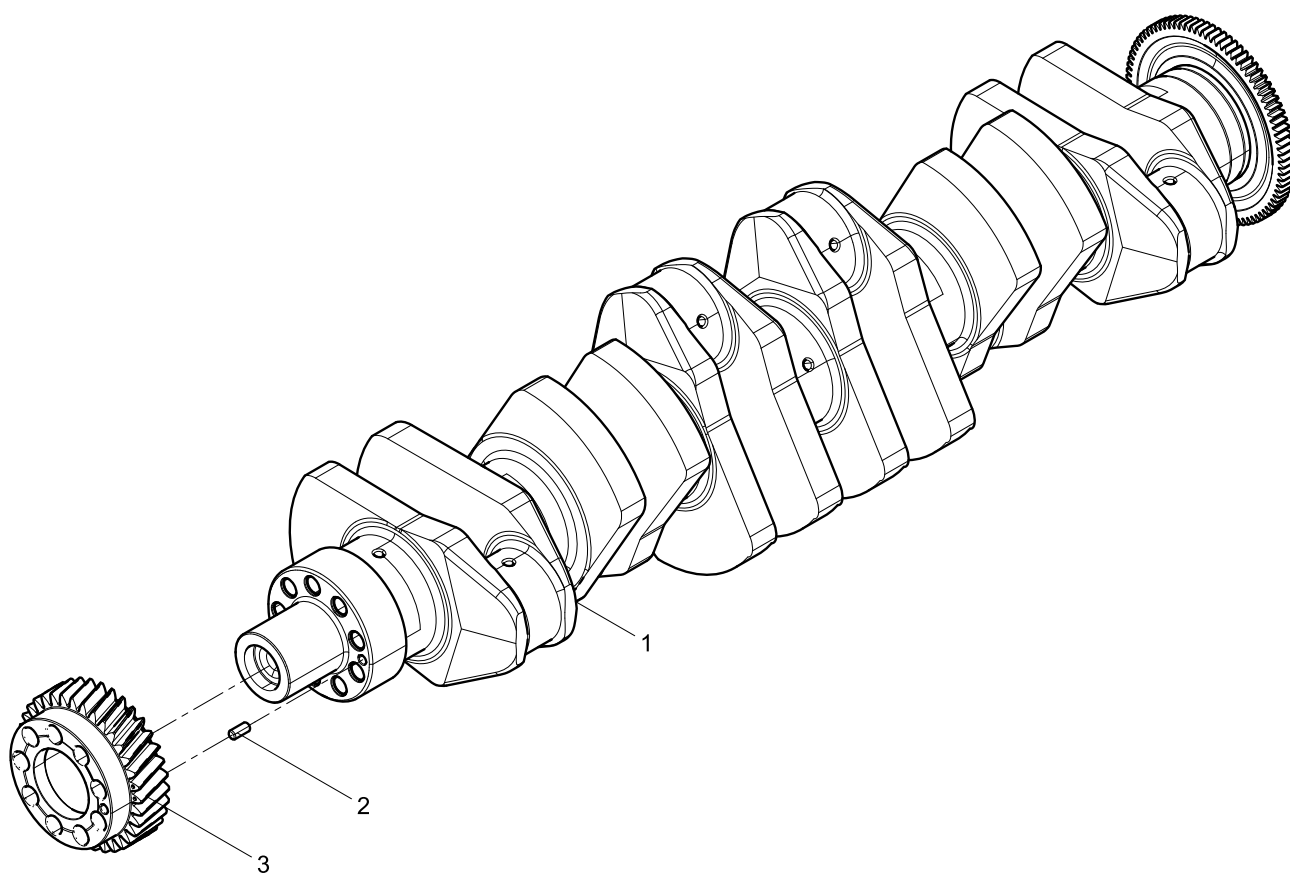
机油泵结合组(Oil Pump Group)



机油泵结合组(Oil Pump Group)

[illegible]

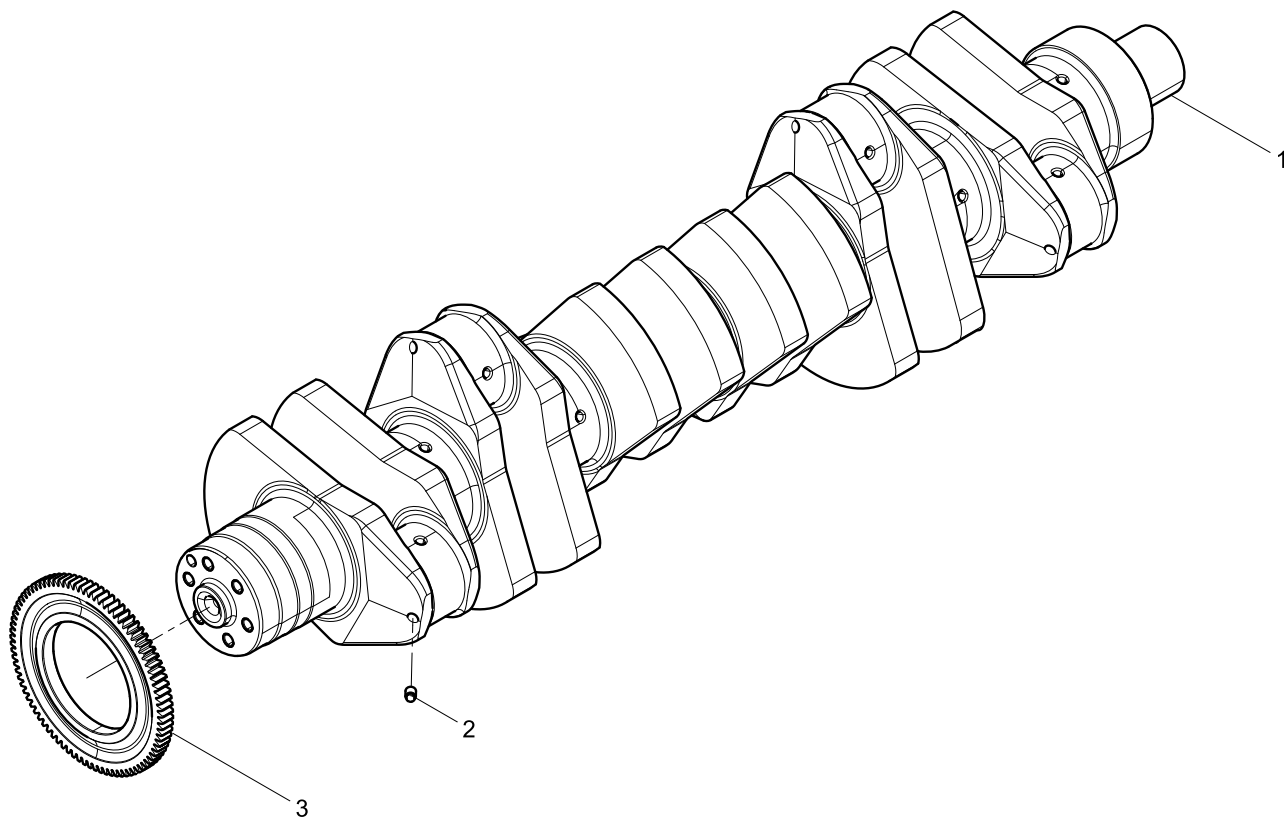
曲轴结合组(Crankshaft Group)



曲轴结合组(Crankshaft Group)

[illegible]

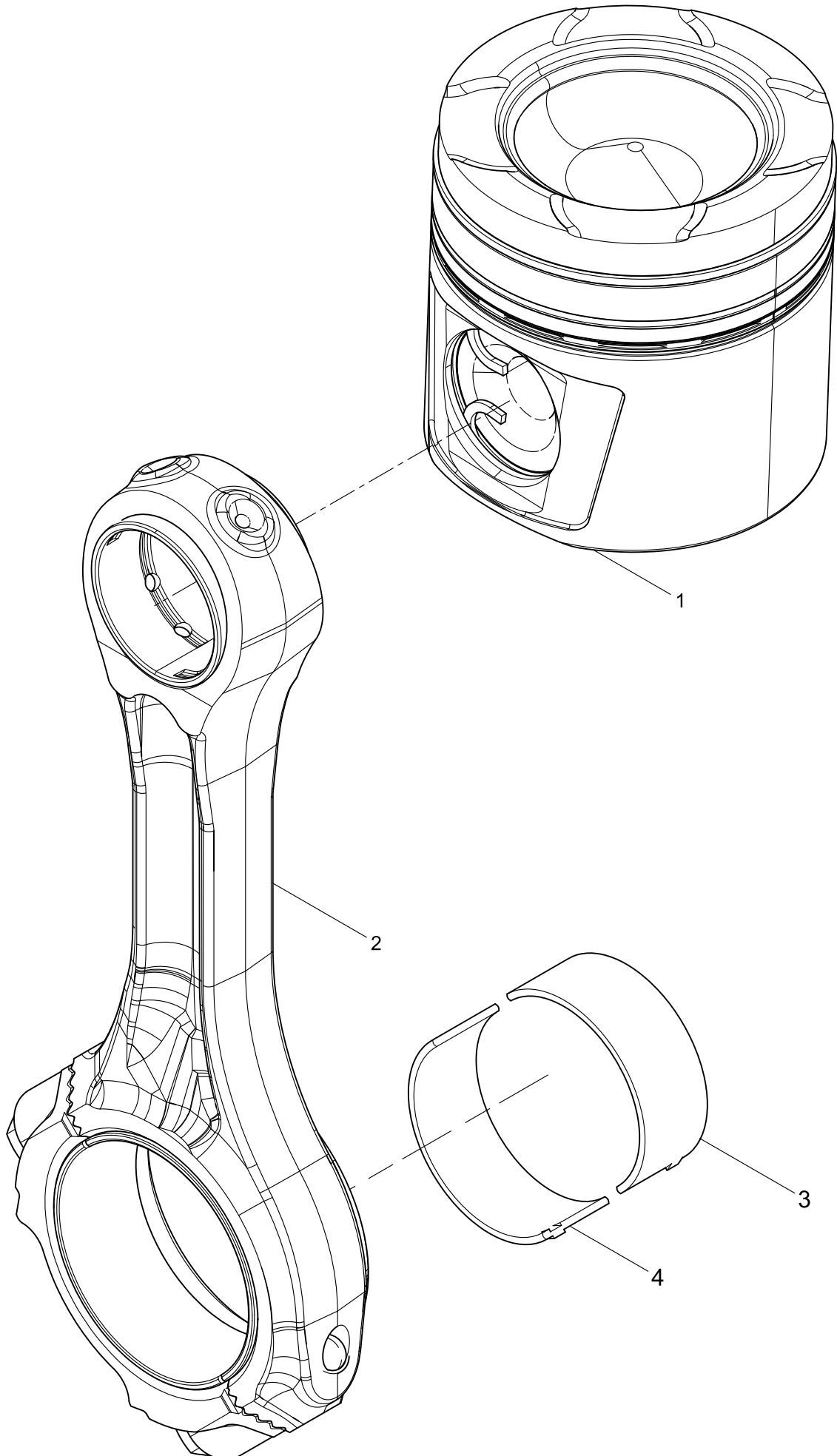
曲轴总成(Crankshaft assembly)



曲轴总成(Crankshaft assembly)

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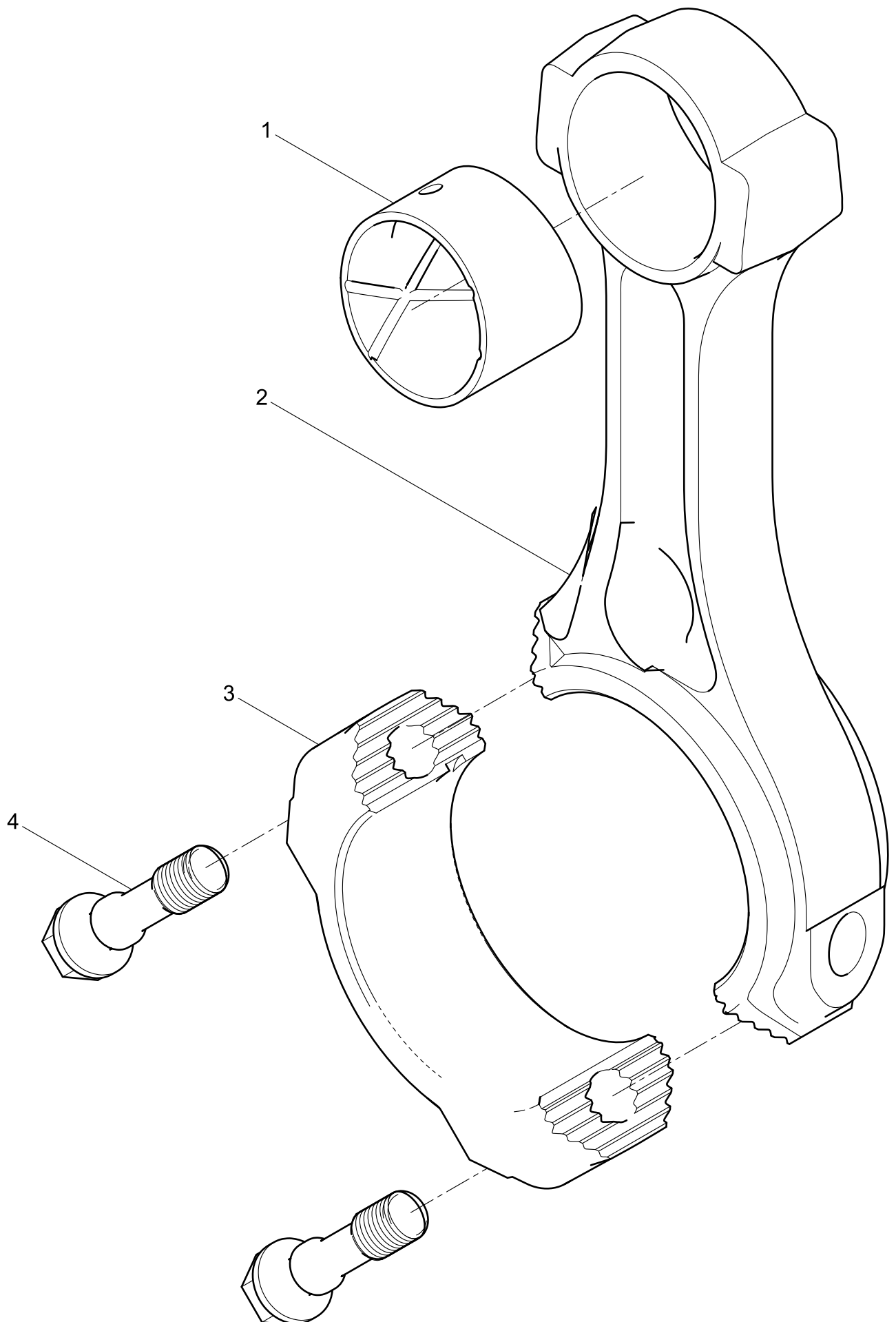
活塞连杆结合组(Piston and Connecting Rod Group)



活塞连杆结合组(Piston and Connecting Rod Group)

[illegible]

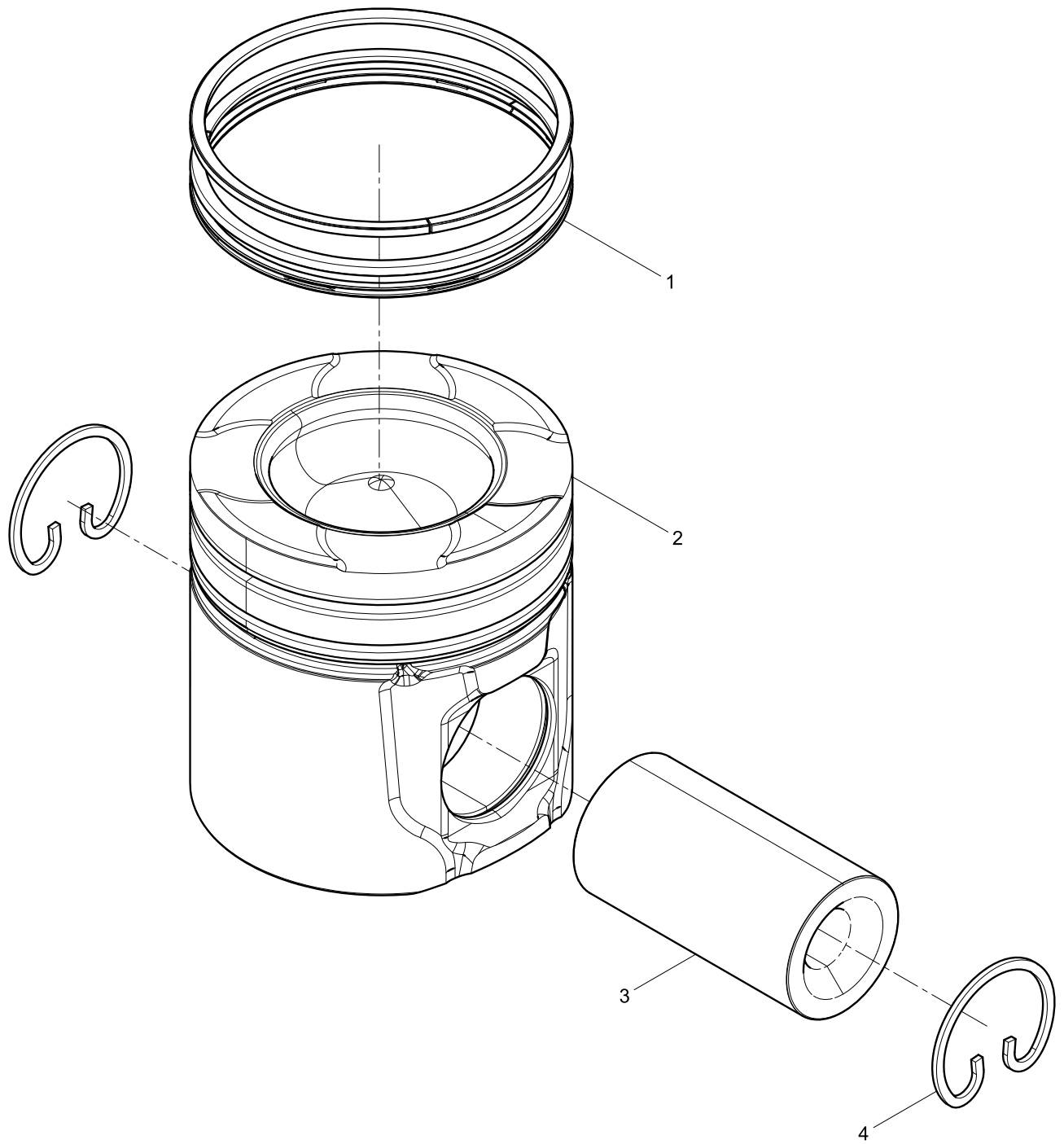
连杆总成(Connecting Rod Assembly)



连杆总成(Connecting Rod Assembly)

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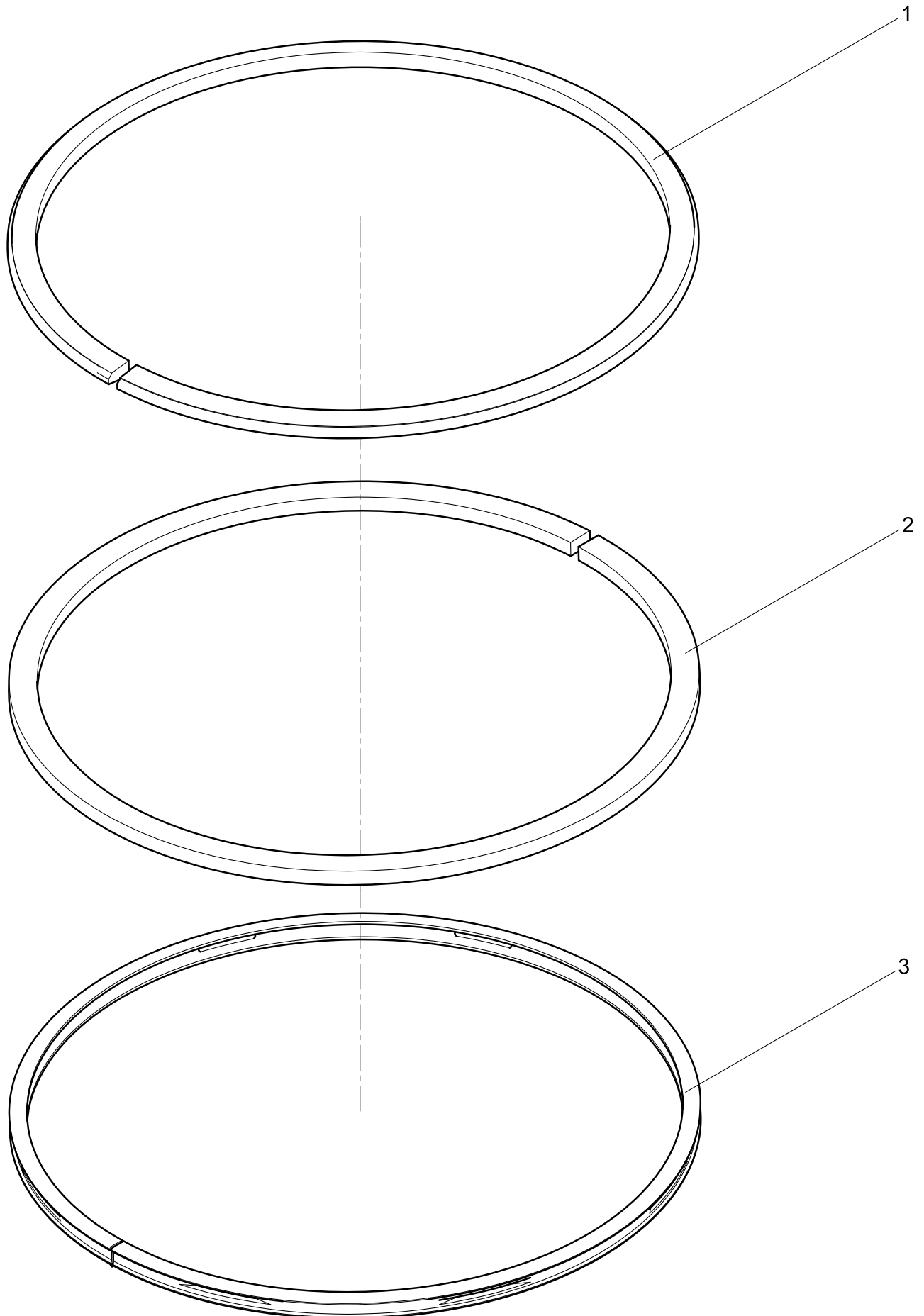
活塞总成(Piston Assembly)



活塞总成(Piston Assembly)

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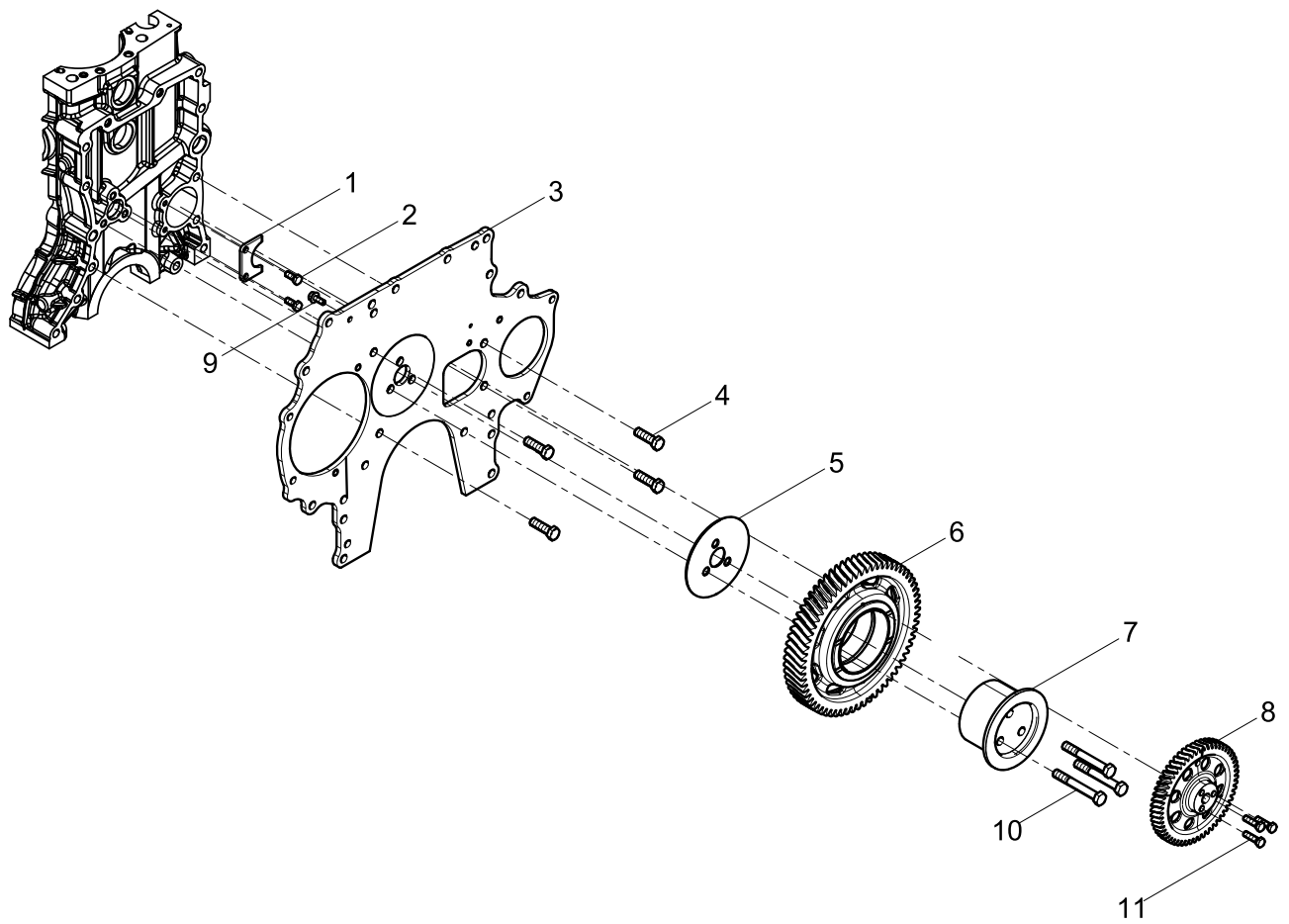
活塞环组件(Piston Ring Set)



活塞环组件(Piston Ring Set)

[illegible]

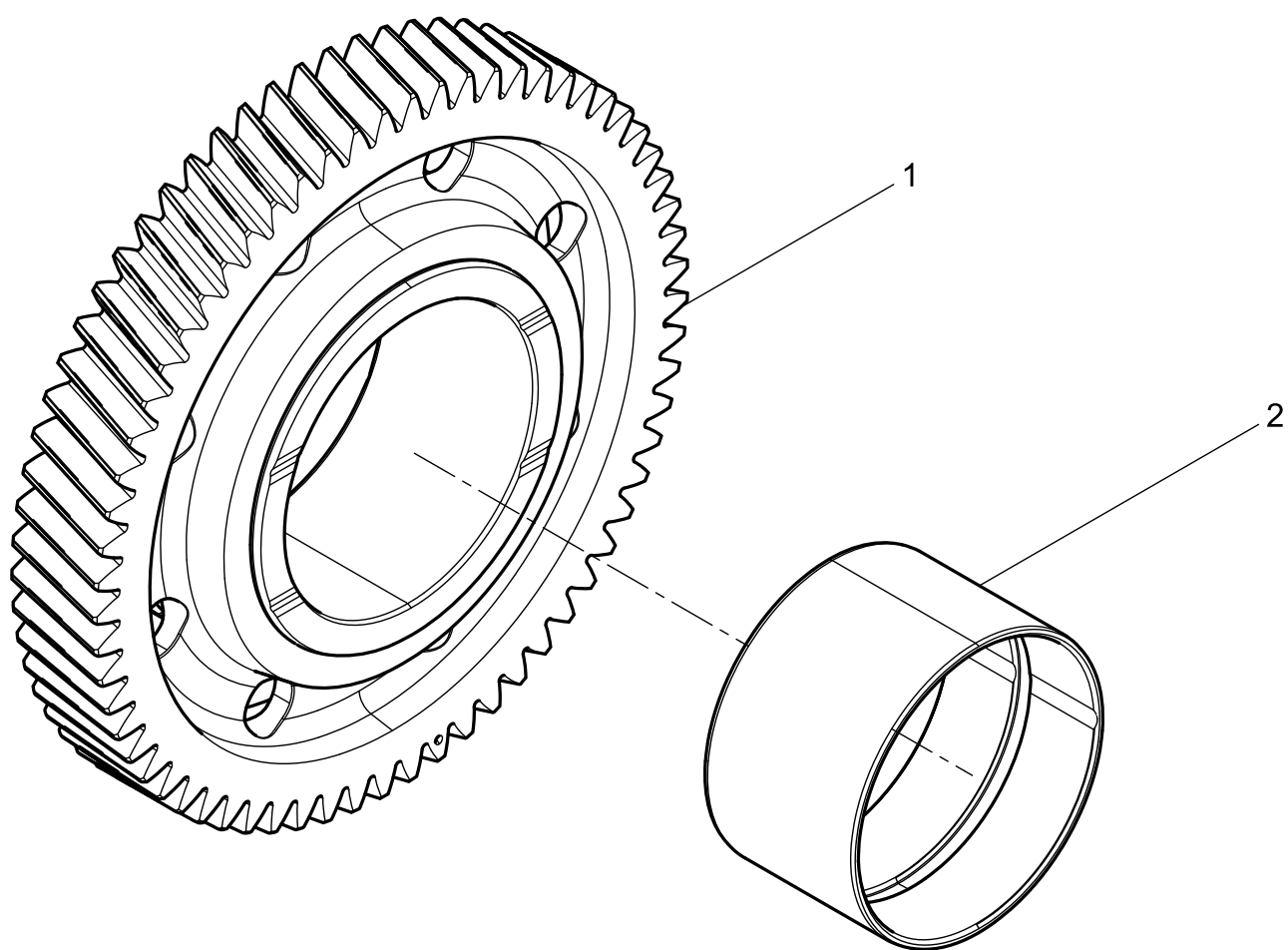
齿轮传动组件()



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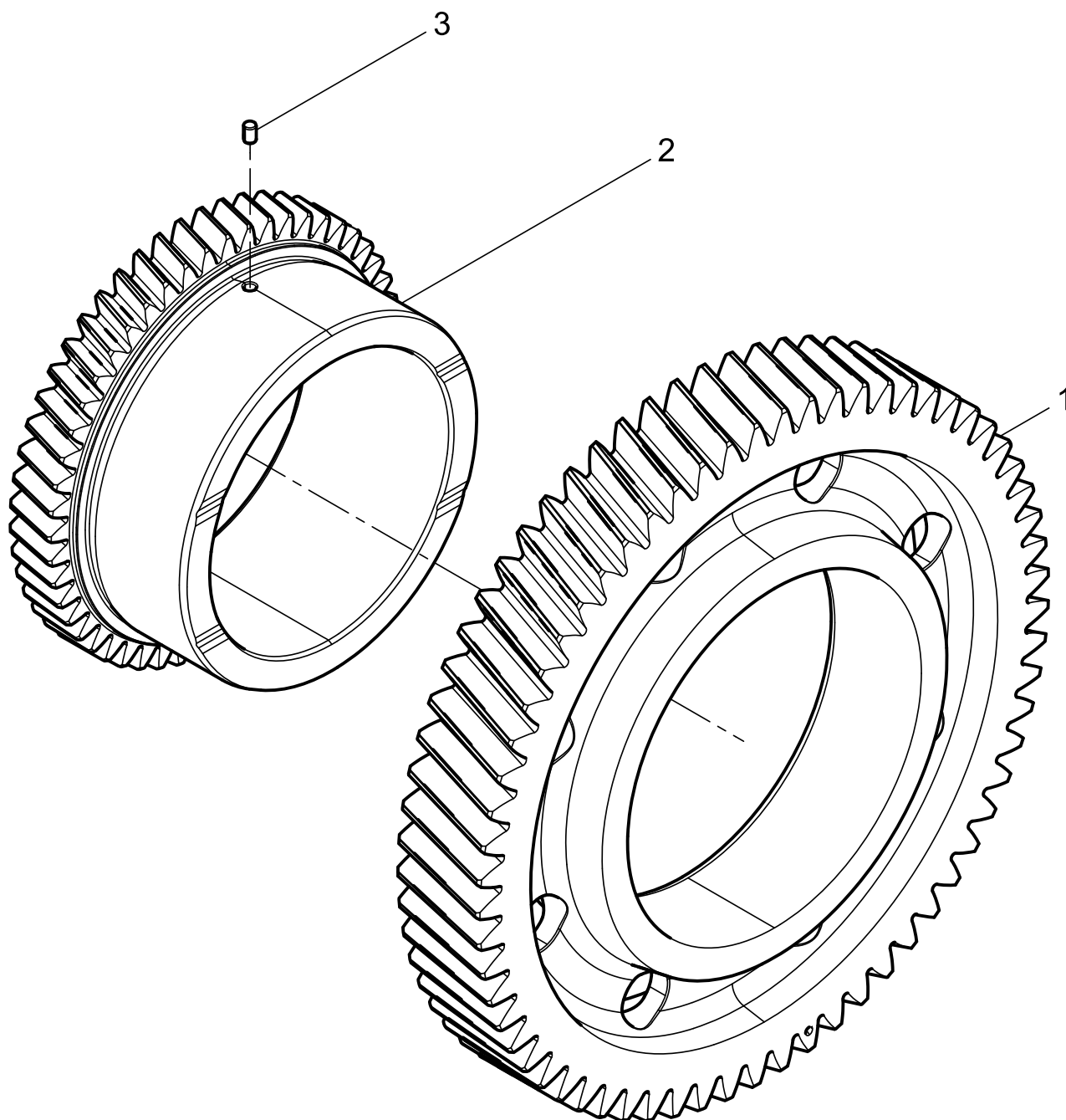
中间齿轮分总成()



中间齿轮分总成()

[illegible]

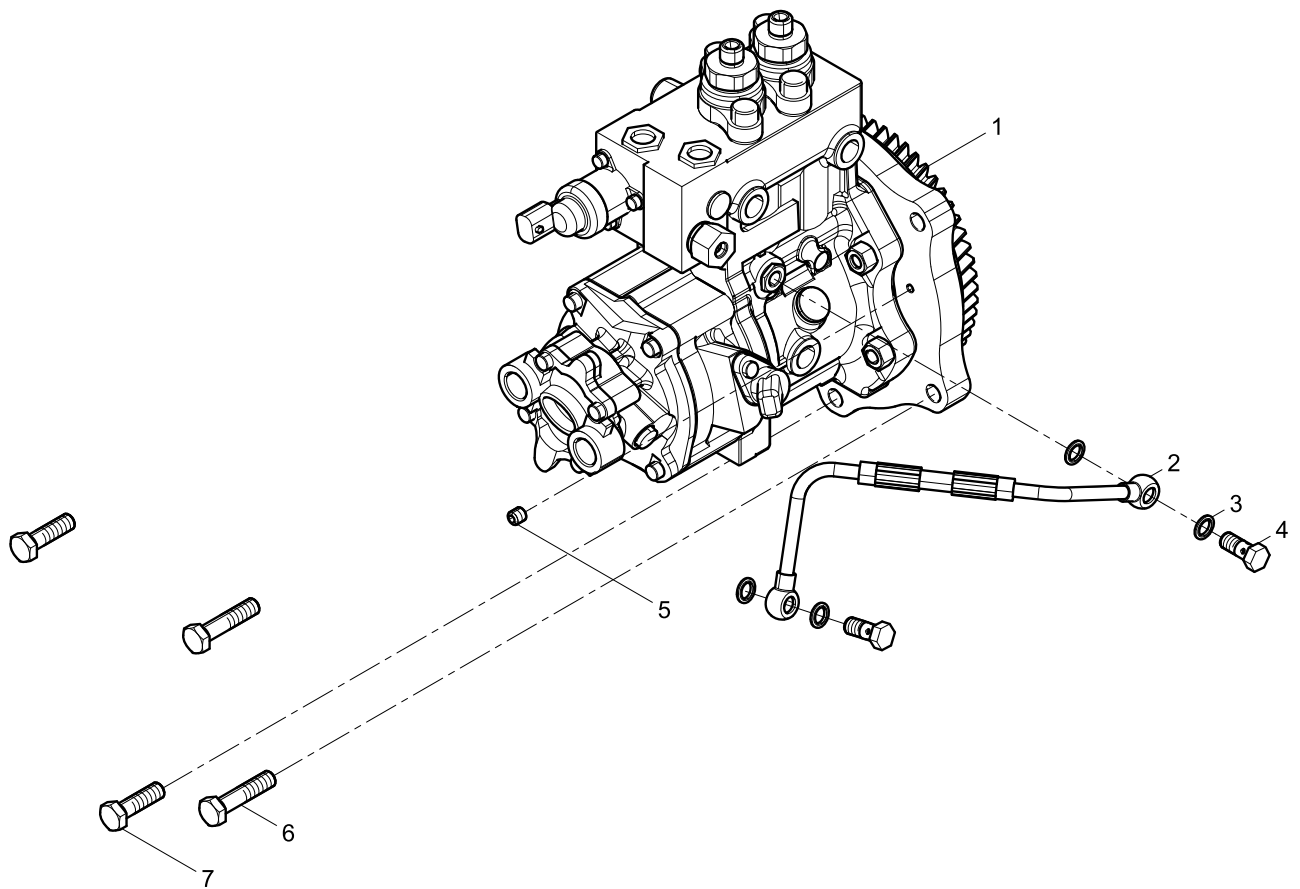
中间齿轮组件(Middle Gear Set)



中间齿轮组件(Middle Gear Set)

[illegible]

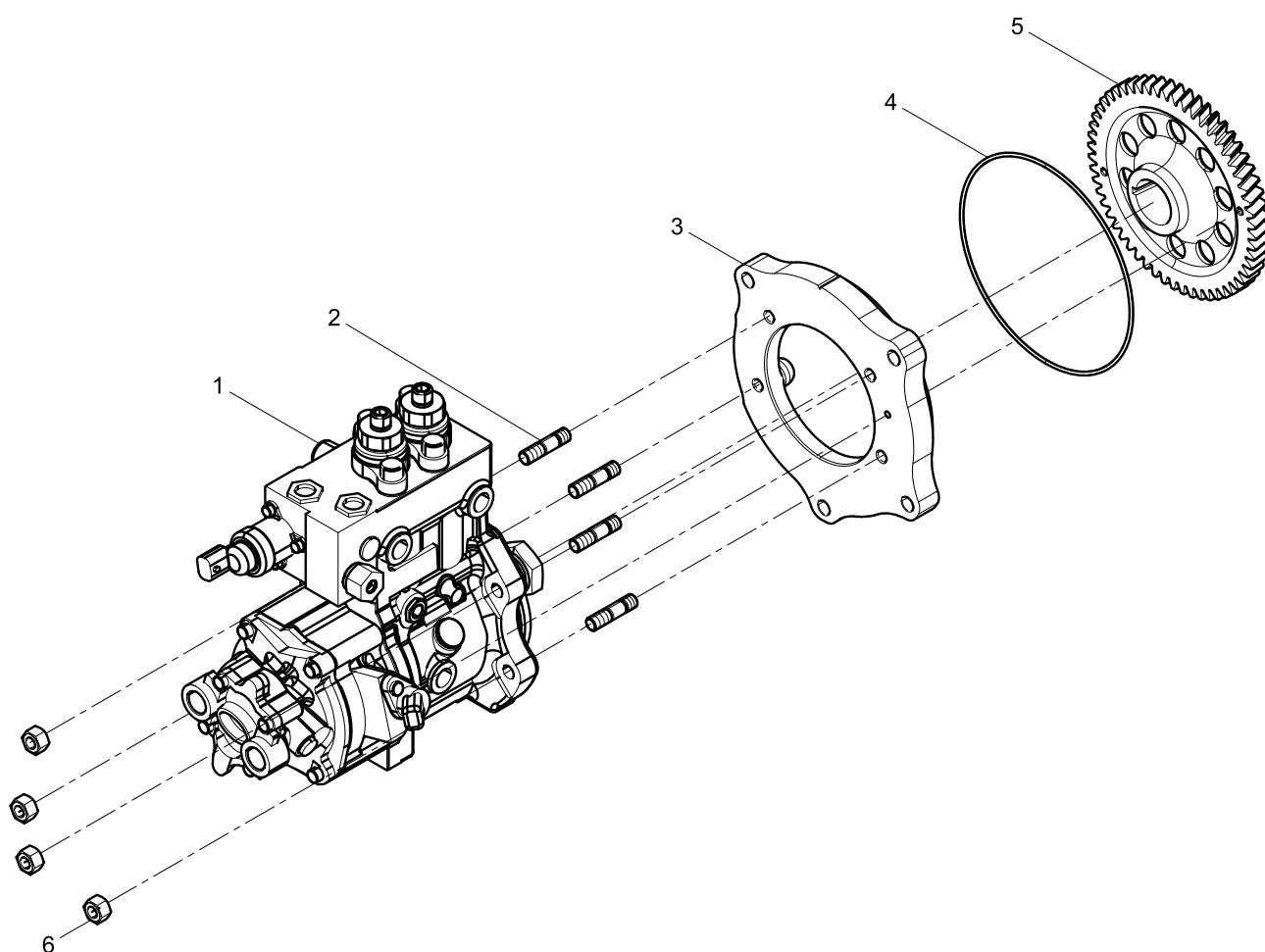
高压油泵结合组()



高压油泵结合组()

[illegible]

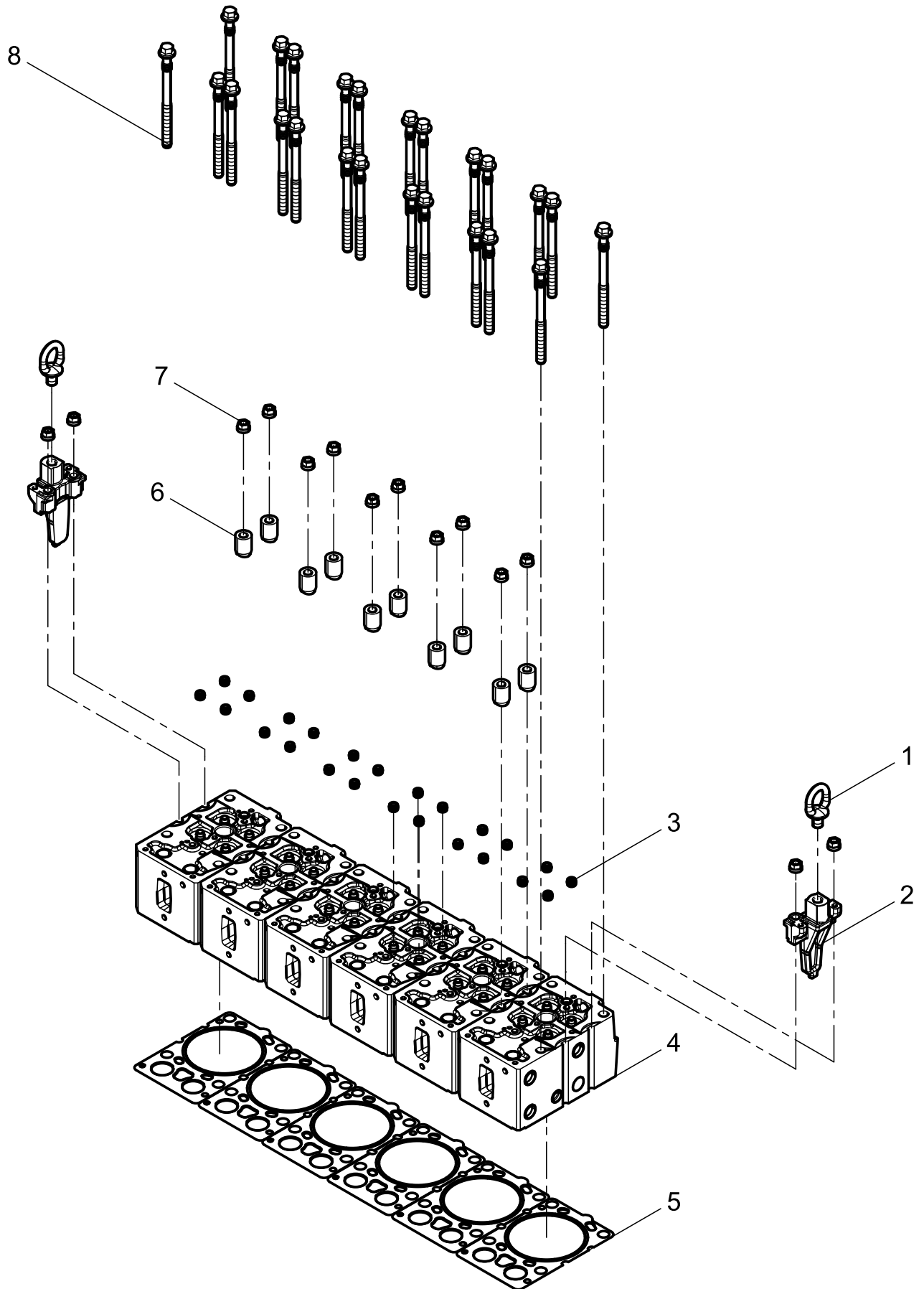
喷油泵组件(Injection pump assembly)



喷油泵组件(Injection pump assembly)

[illegible]

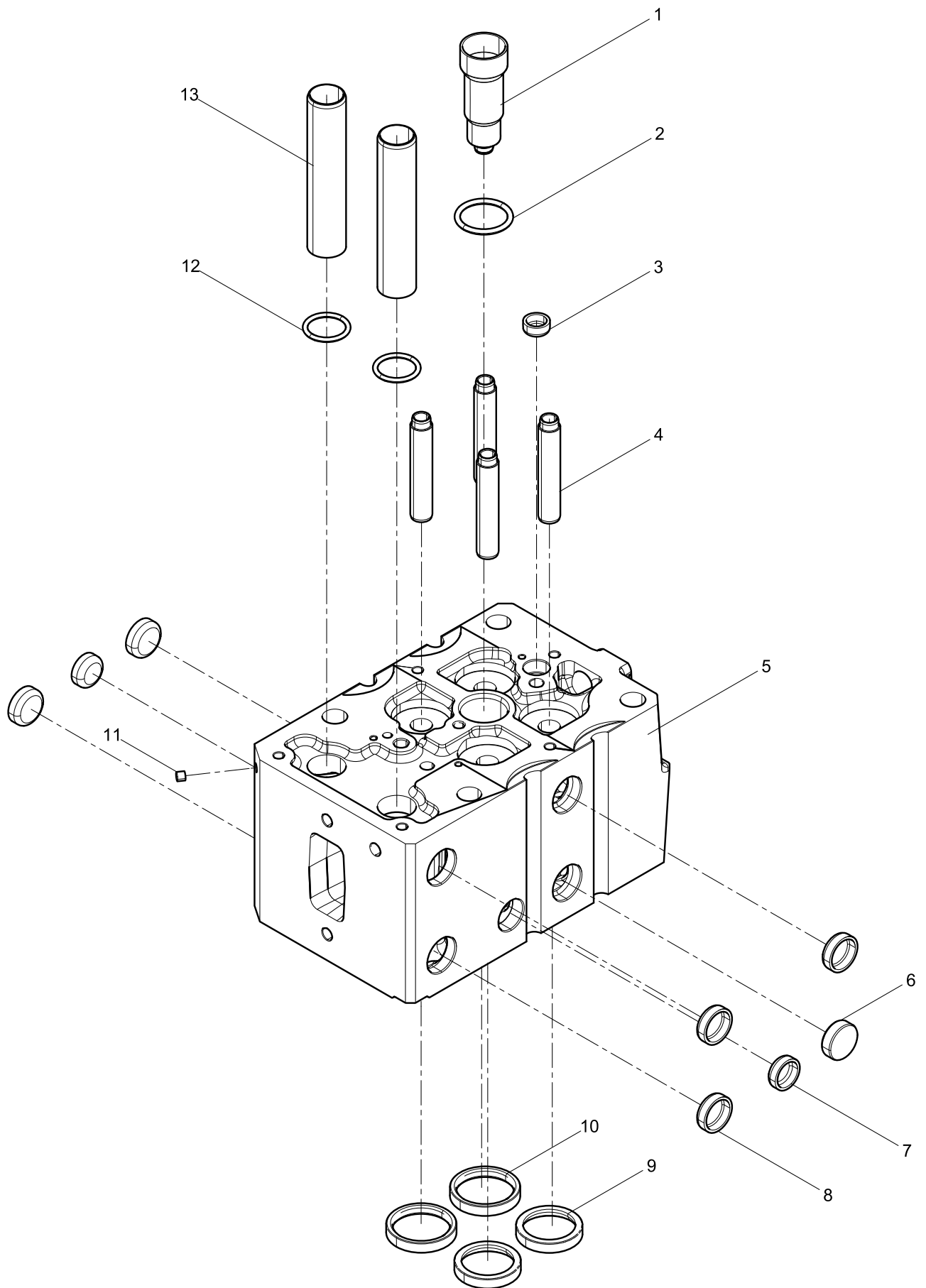
气缸盖结合组(Cylinder Head Group)



气缸盖结合组(Cylinder Head Group)

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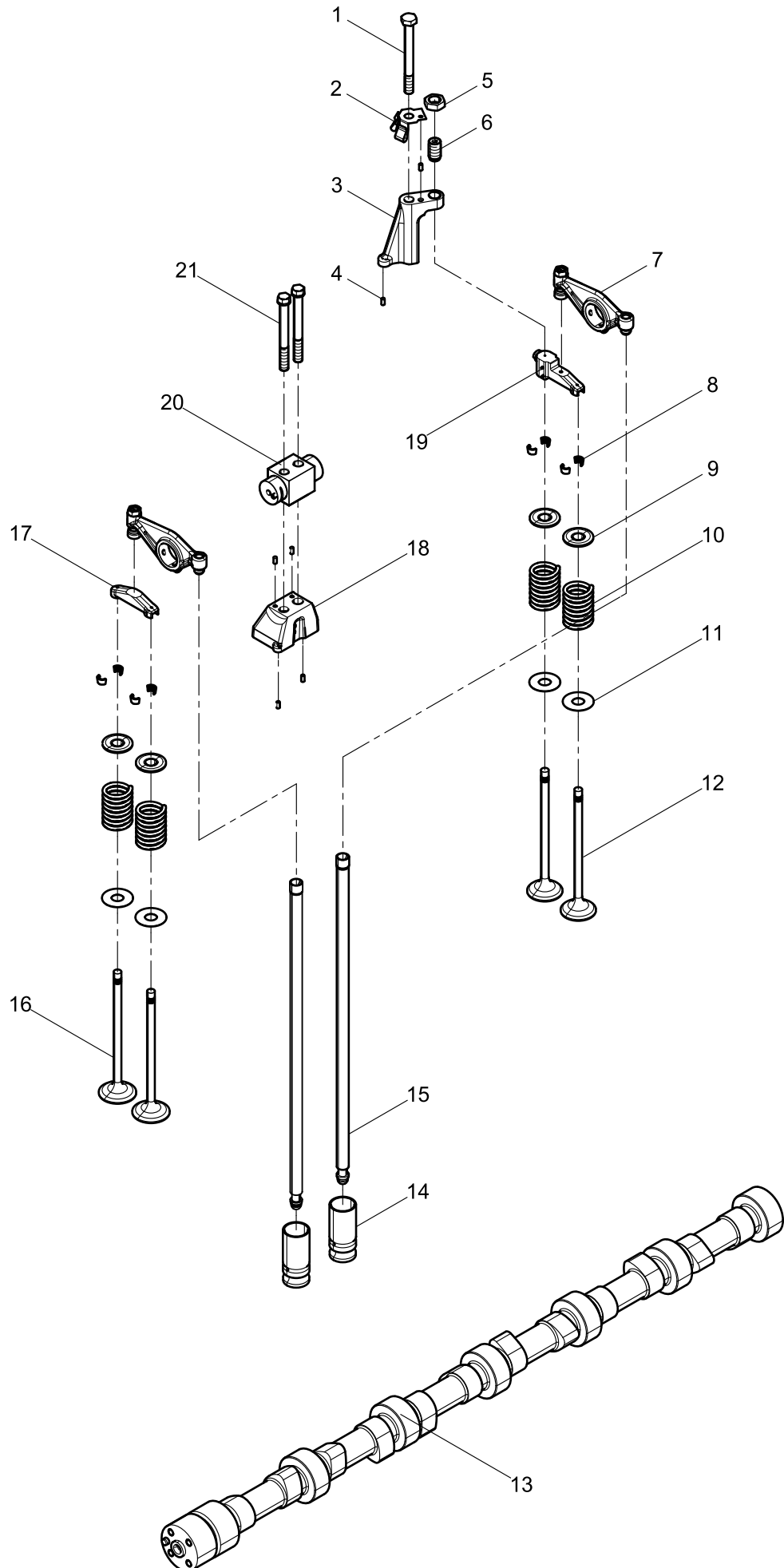
气缸盖分总成(Cylinder head subassembly)



气缸盖分总成(Cylinder head subassembly)

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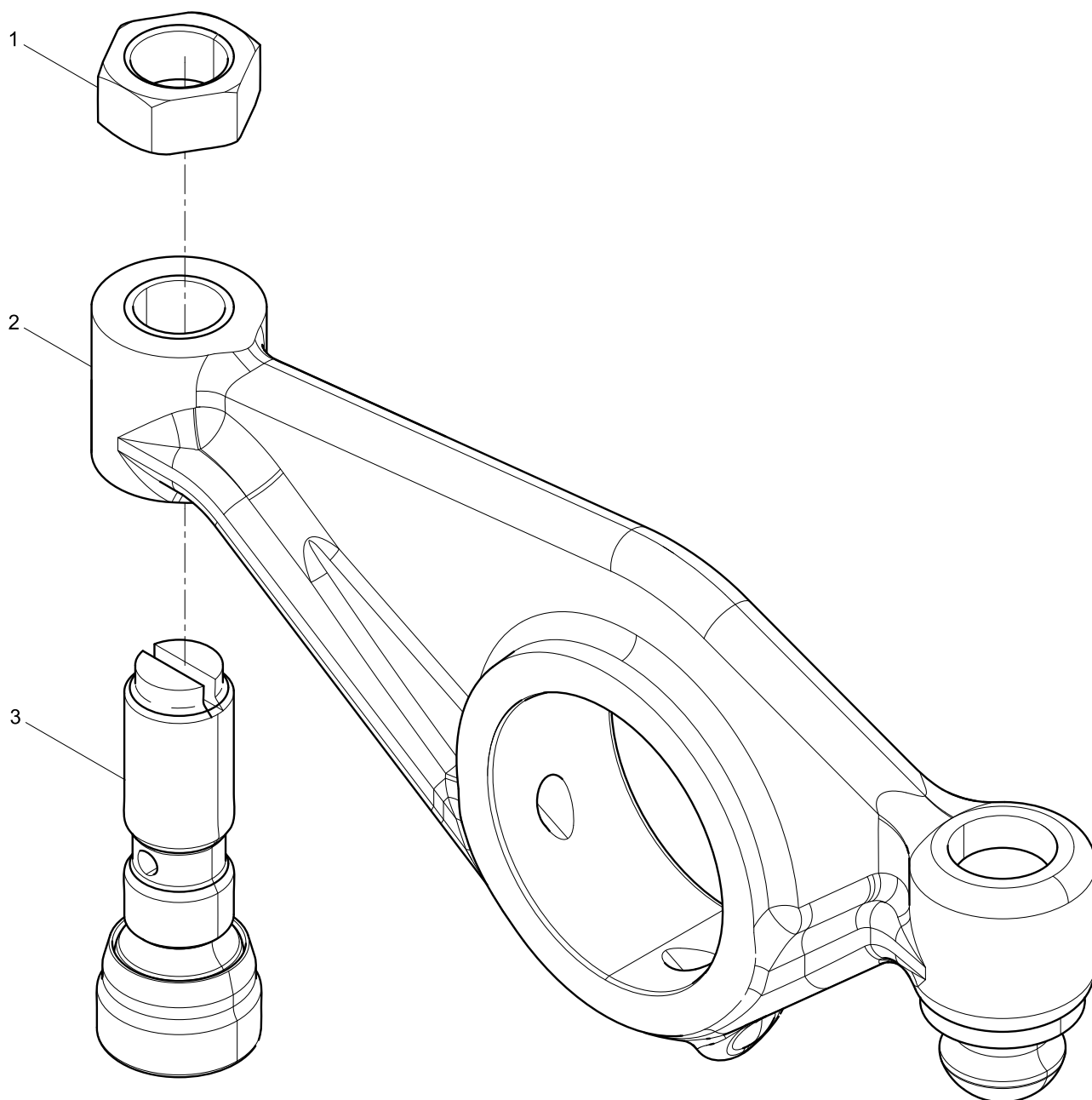
配气机构结合组(Valve Train Group)



配气机构结合组(Valve Train Group)

图序号 Pos.	件号 Teile.Number	数量 Amount	中文名称 Denomination	英文名称 Designation
1	612639000066	6	螺栓	
2	612630040052	6	喷油器线束支架	
3	612630050010	6	EVb 支架	EVb Bracket
4	612639000087	36	圆柱销	Straight pin
5	612630050012	6	EVb锁紧螺母	
6	612630050011	6	EVb调整螺钉	
7	612630050016	12	摇臂结合子组	
8	612630050015	48	气门锁夹	Valve collet
9	612630050014	24	气门弹簧上座	Valve Spring Top Retainer
10	612630050005	24	气门弹簧	Valve spring
11	612630050019	24	气门弹簧下座	Valve spring seat(lower)
12	612630050002	12	排气门	Exhaust valve
13	612630050061	1	凸轮轴总成	Camshaft Assembly
14	612630050007	12	挺柱	Tappet
15	612630050021	12	气门推杆总成	
16	612630050001	12	进气门	Intake valve
17	612630050009	6	气门桥	
18	612630050013	6	摇臂支架	
19	612630050008	6	EVb气门桥结合子组	
20	612630050018	6	摇臂轴结合子组	
21	612639000095	12	六角头螺栓	Hexagon bolt

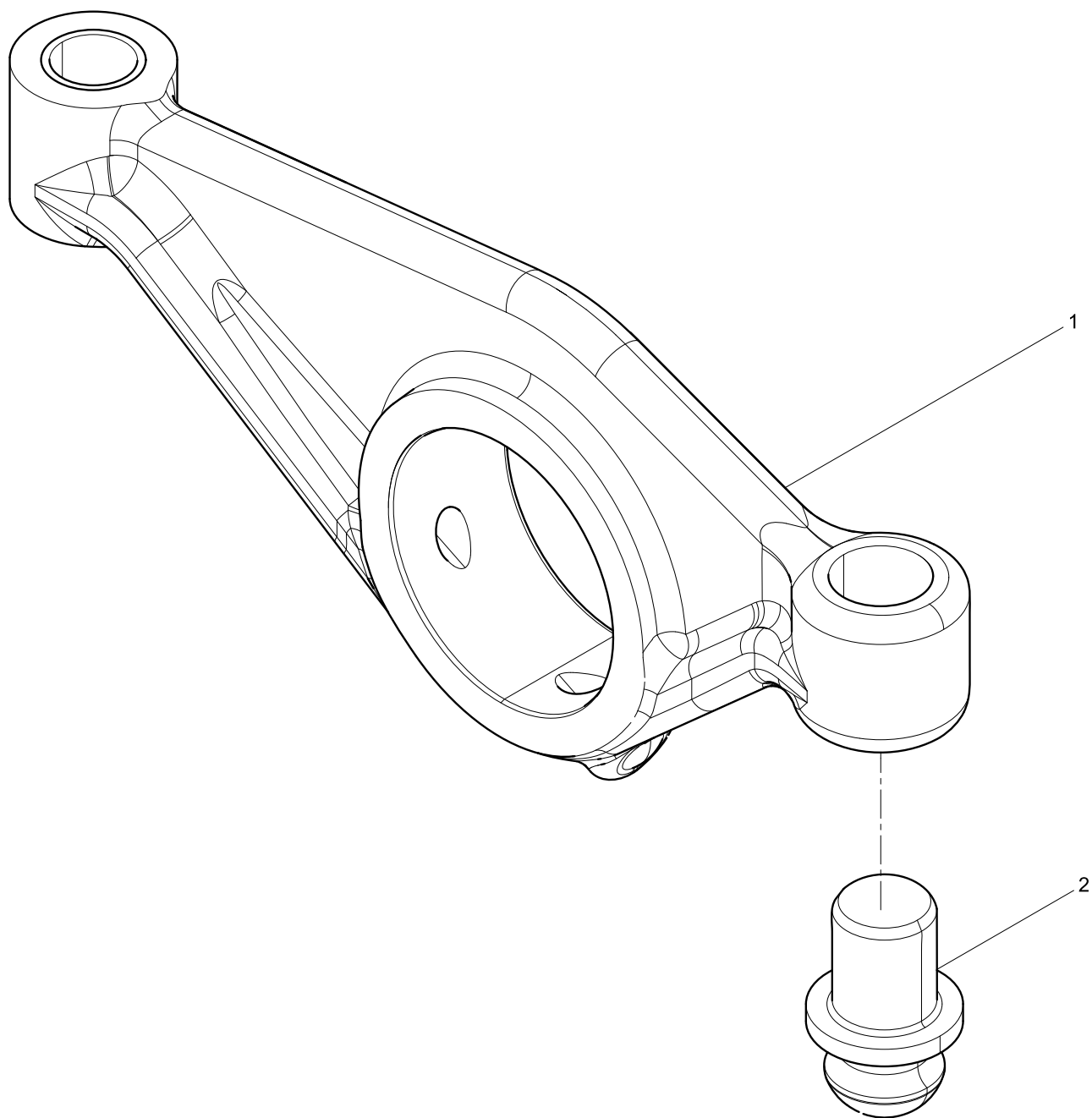
摇臂结合子组()



摇臂结合子组()

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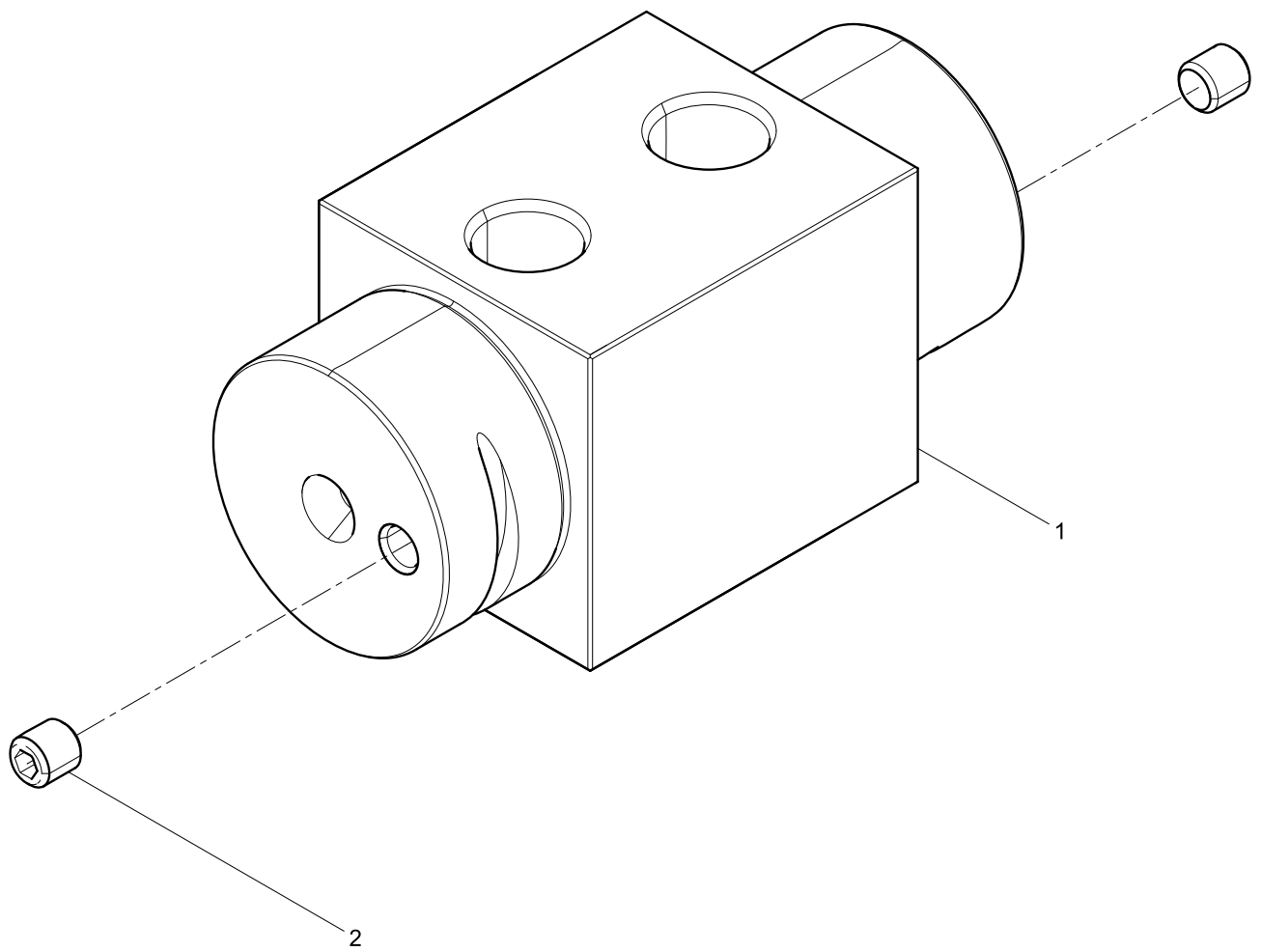
摇臂总成()



摇臂总成0

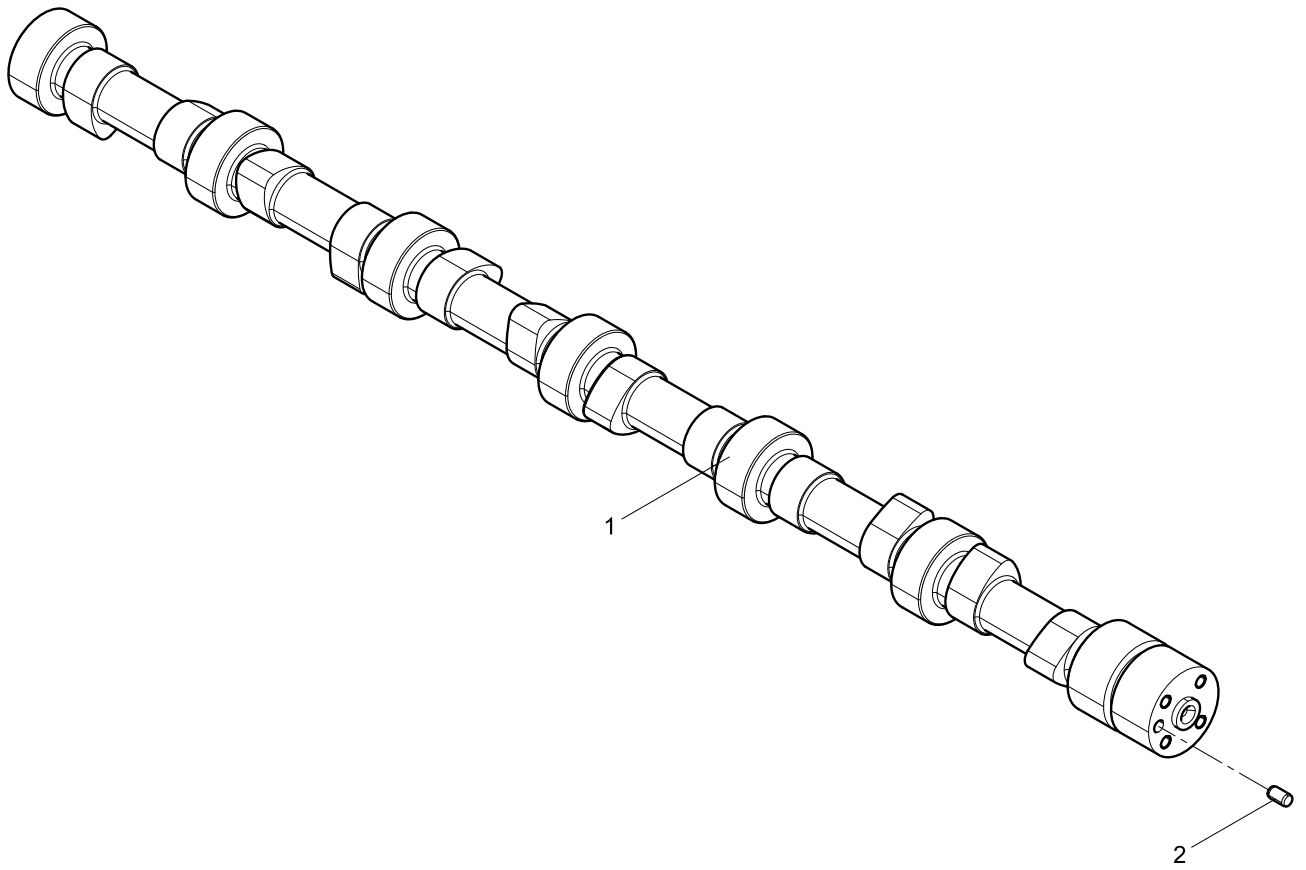
[illegible]

摇臂轴结合子组()



摇臂轴结合子组()

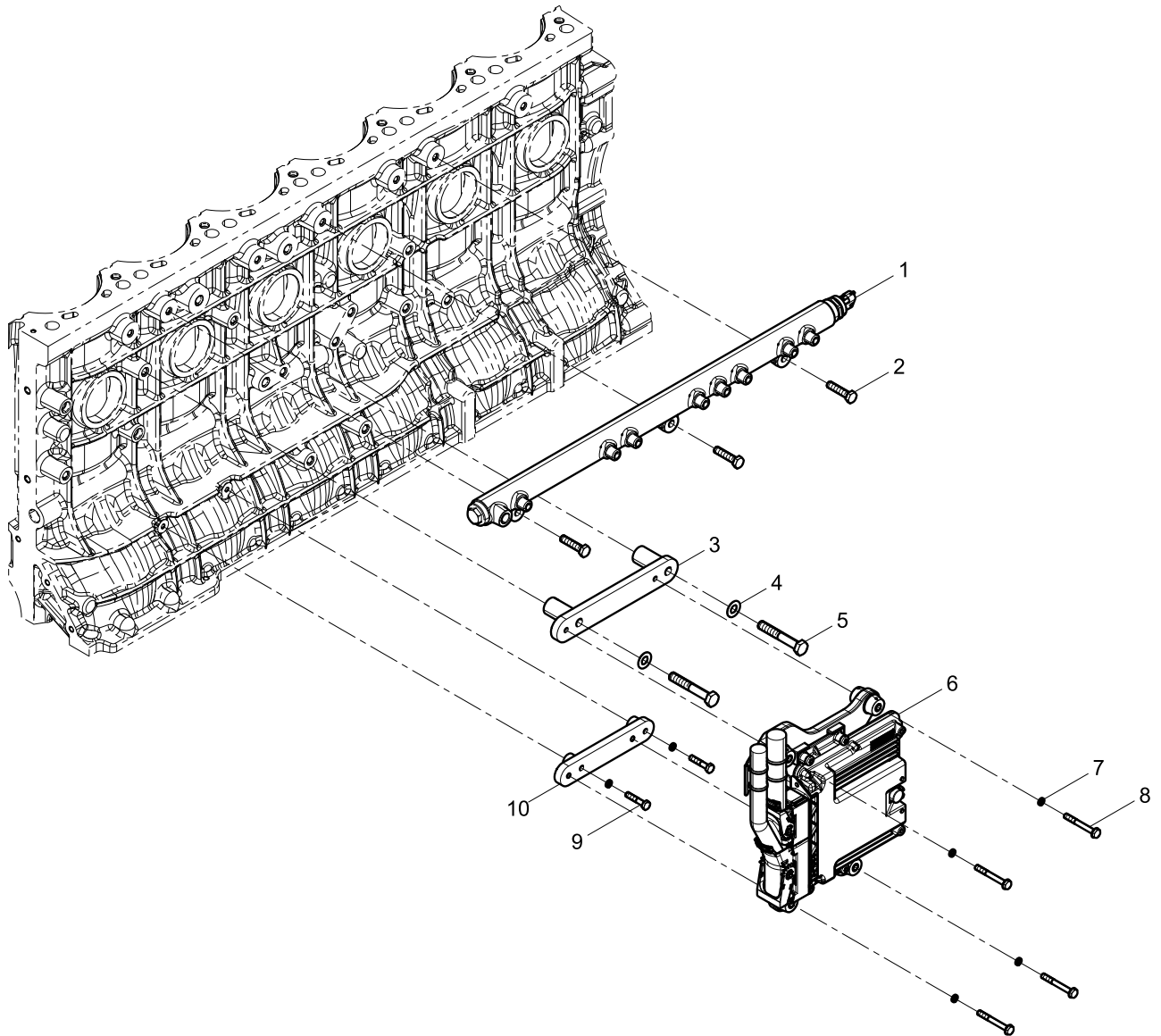
[illegible]

凸轮轴总成(Camshaft Assembly)

凸轮轴总成(Camshaft Assembly)

[illegible]

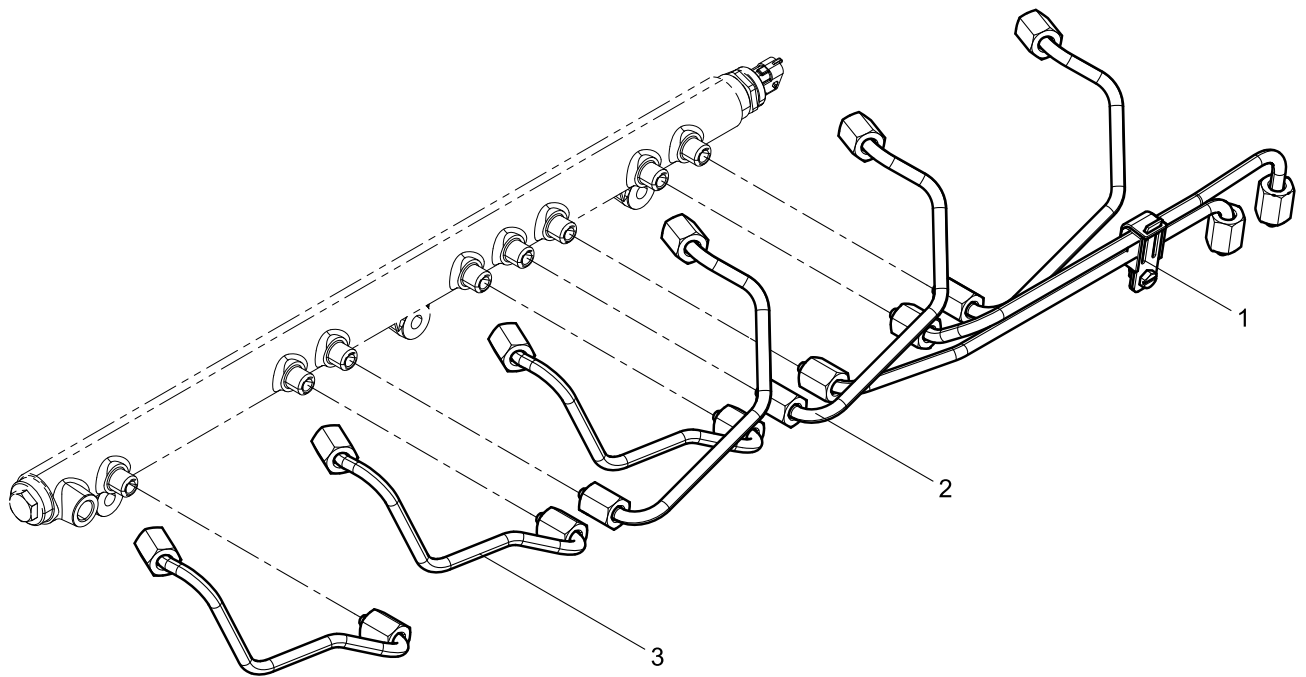
共轨系统结合组()



共轨系统结合组()

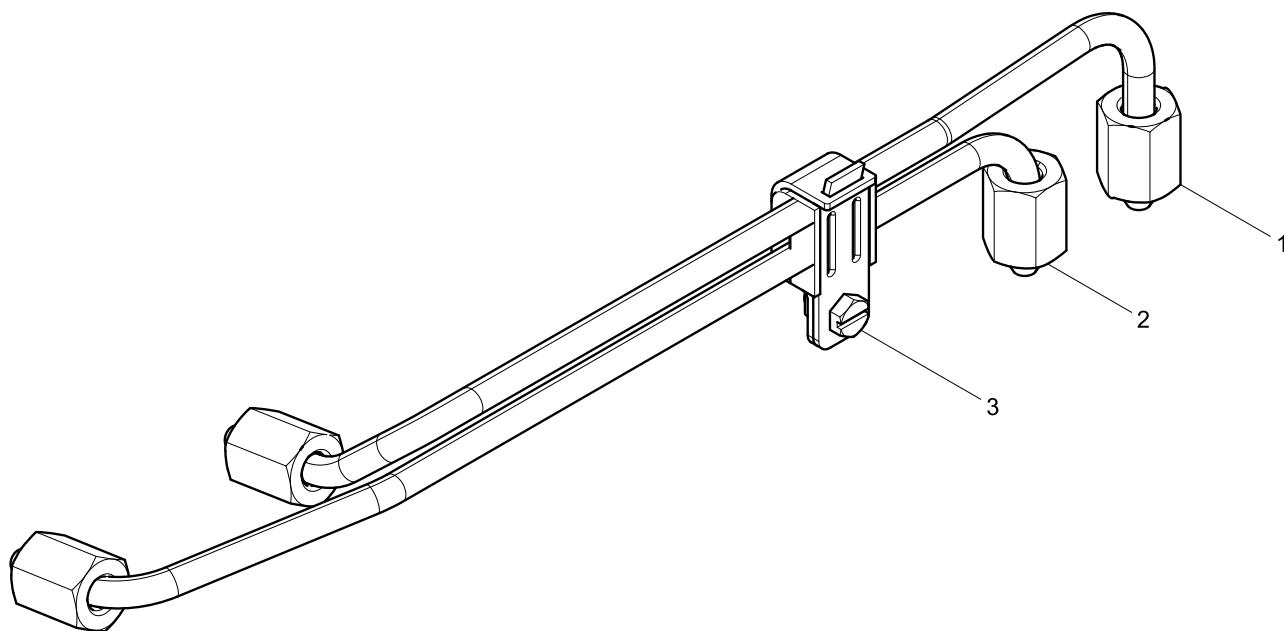
[illegible]

高压油管组件(High-pressure Fuel Pipe Set)



高压油管组件(High-pressure Fuel Pipe Set)

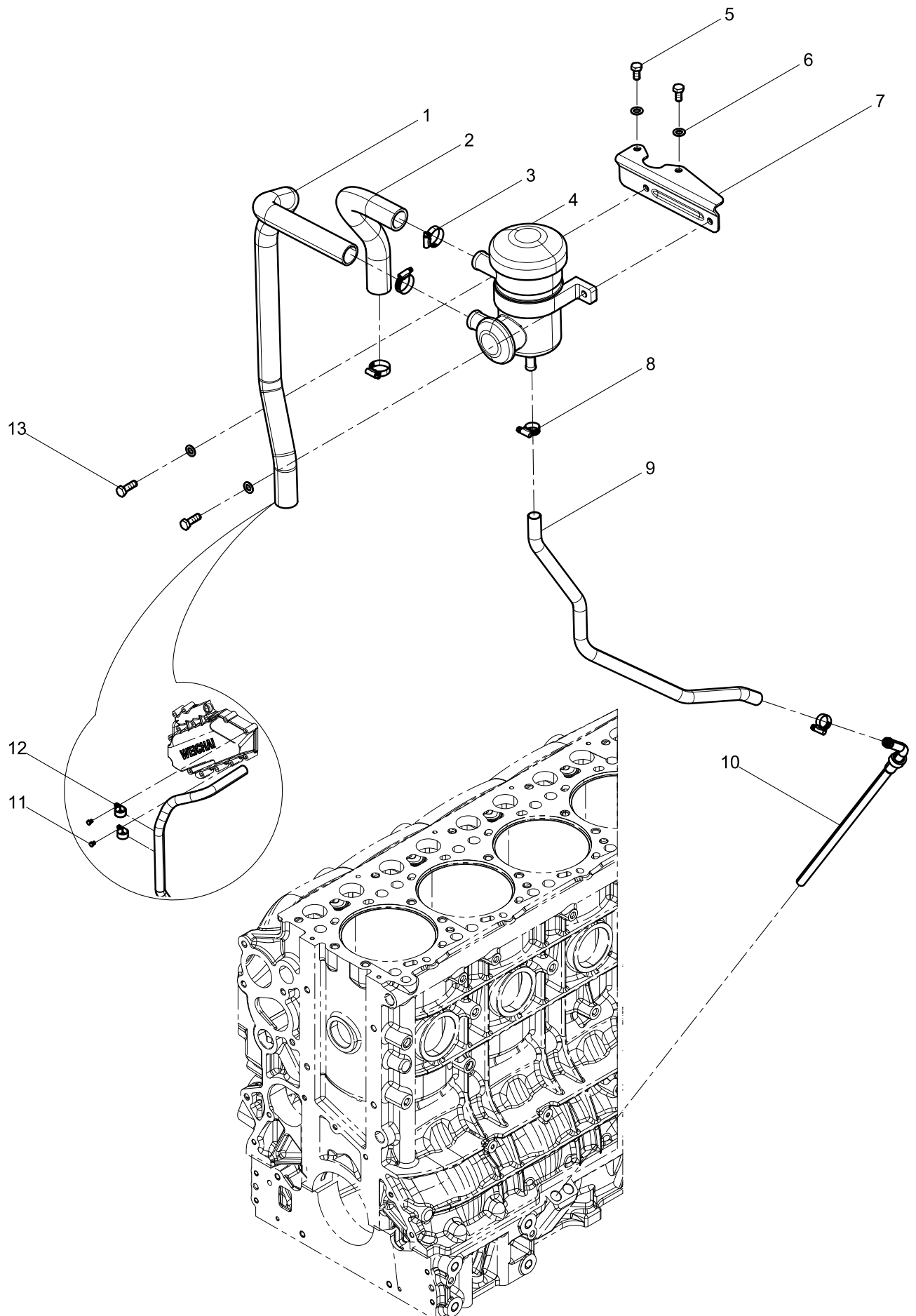
[illegible]

高压油管组件(High-pressure Fuel Pipe Set)

高压油管组件(High-pressure Fuel Pipe Set)

[illegible]

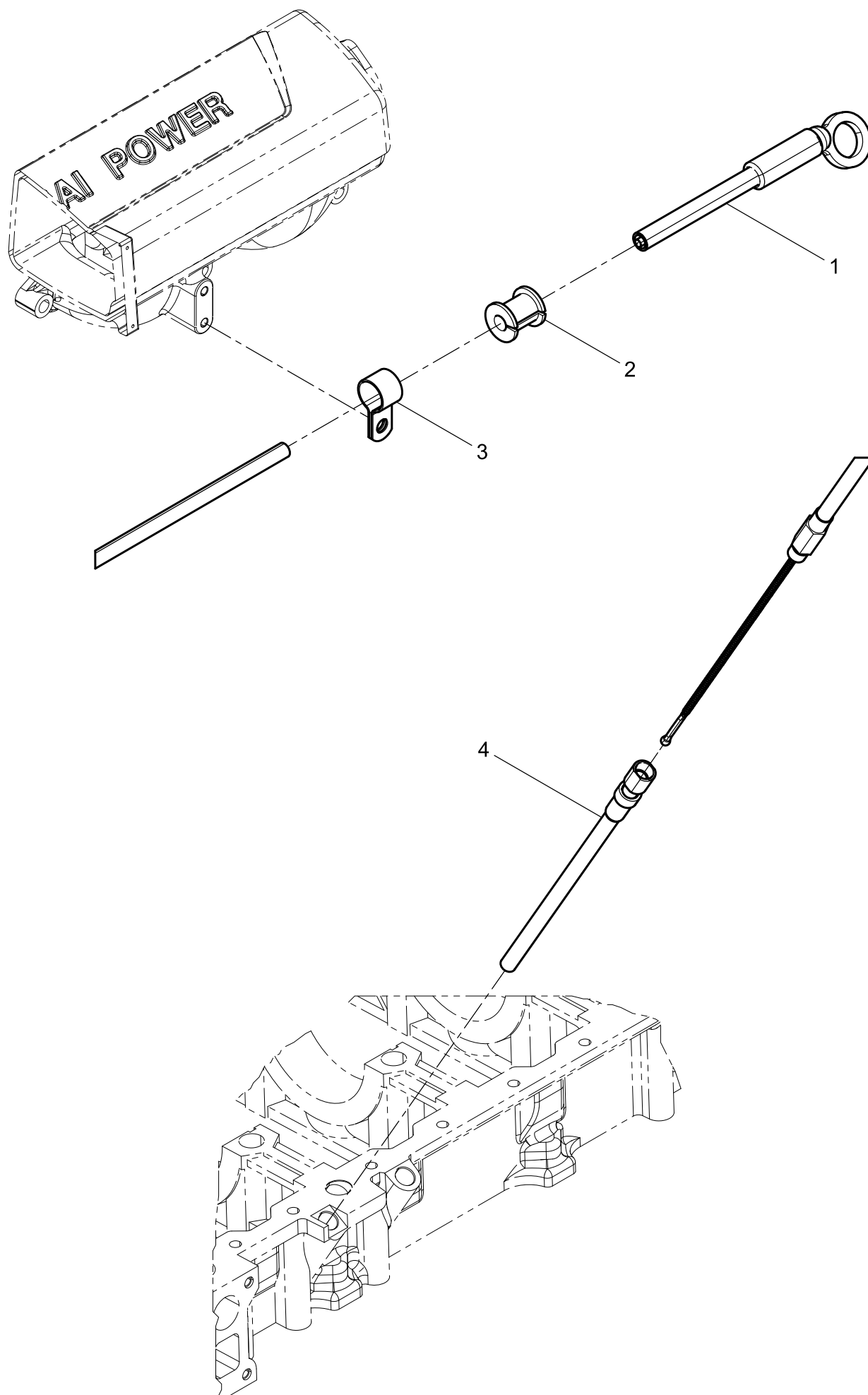
油气分离器结合组(Oil-gas Separator Group)



油气分离器结合组(Oil-gas Separator Group)

[illegible]

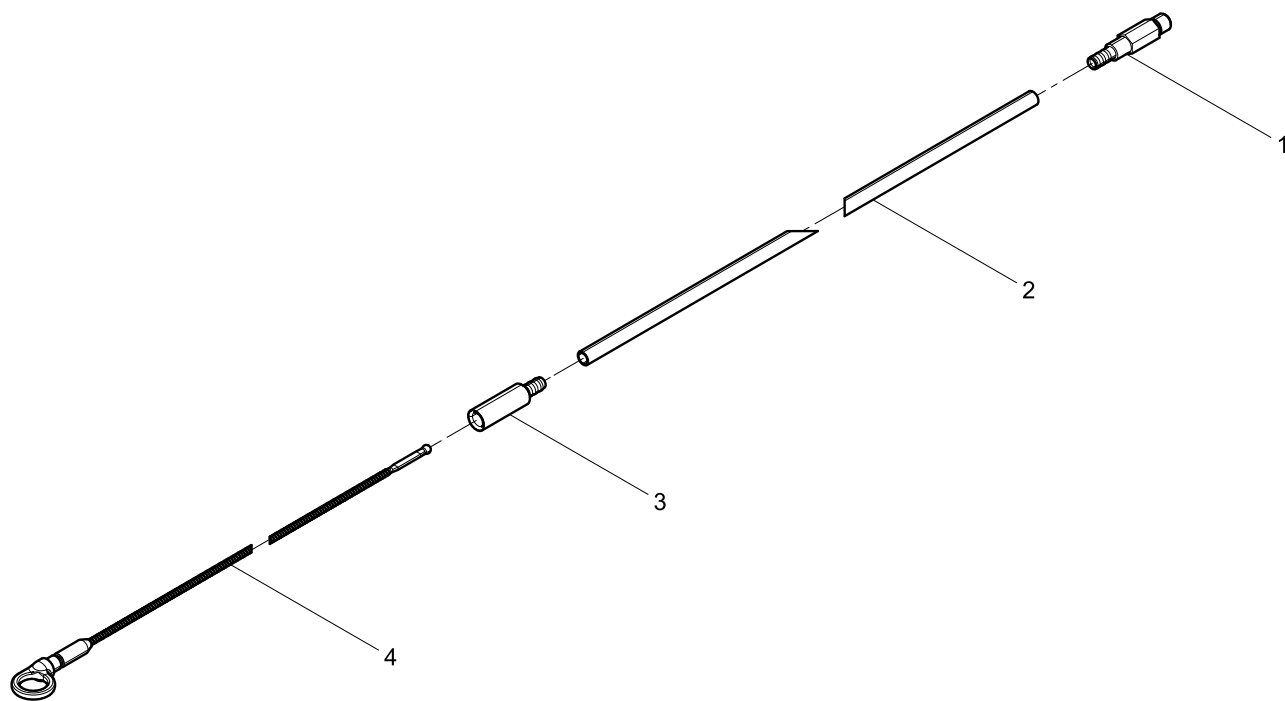
油尺结合组(Dipstick Group)



油尺结合组(Dipstick Group)

[illegible]

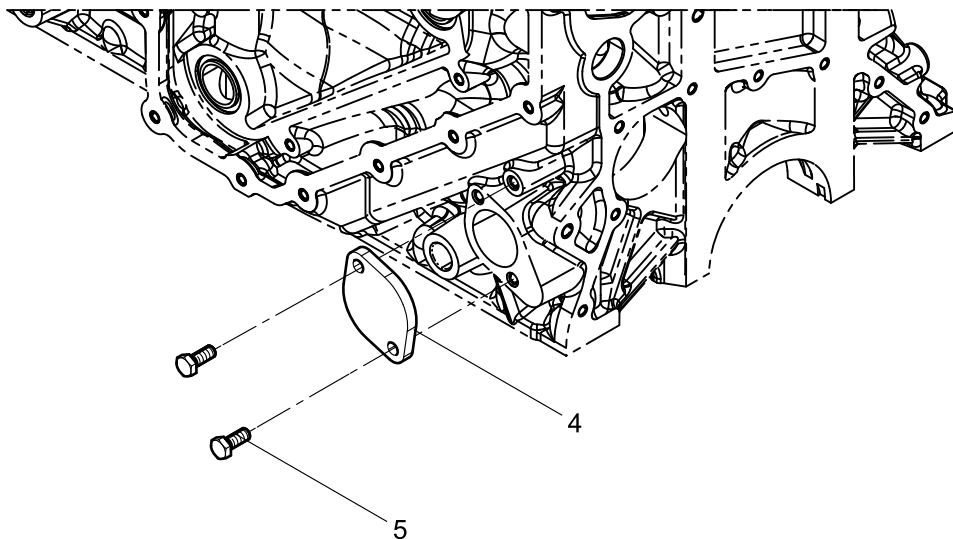
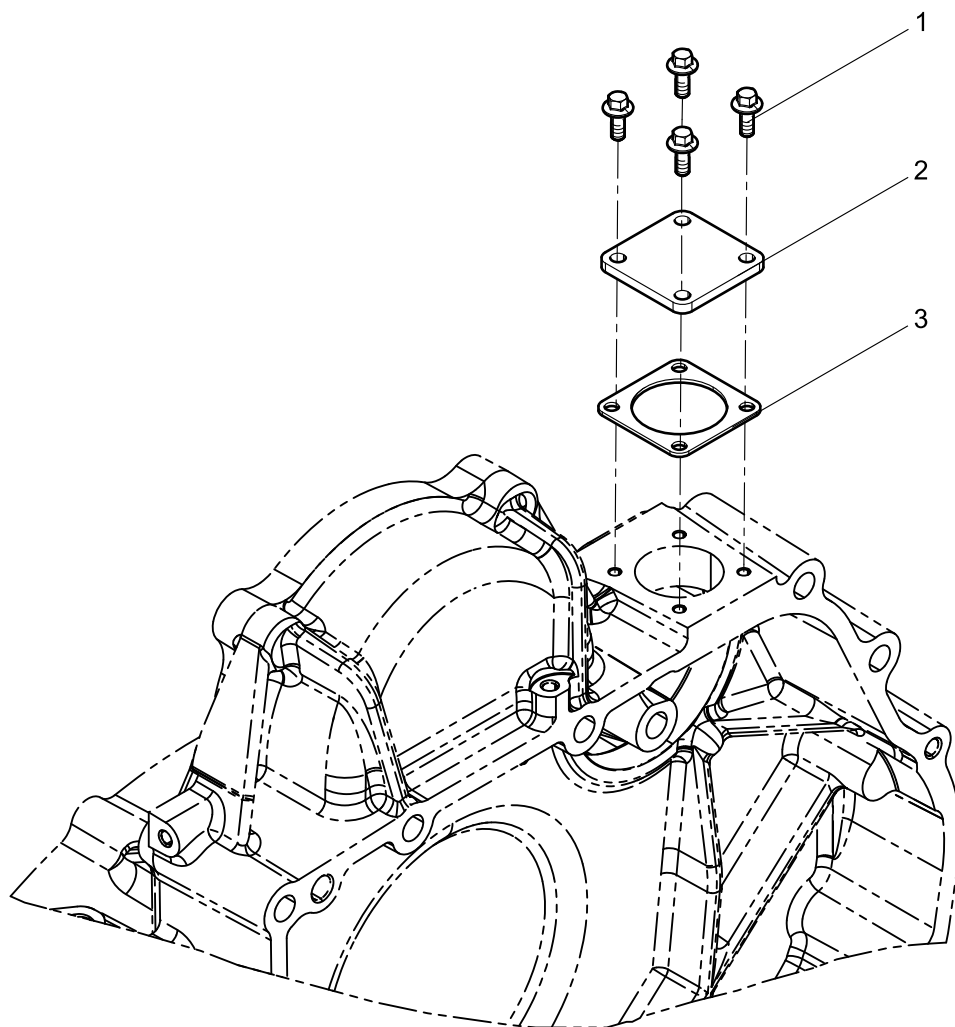
油标尺总成(Dipstick Assembly)



油标尺总成(Dipstick Assembly)

[illegible]

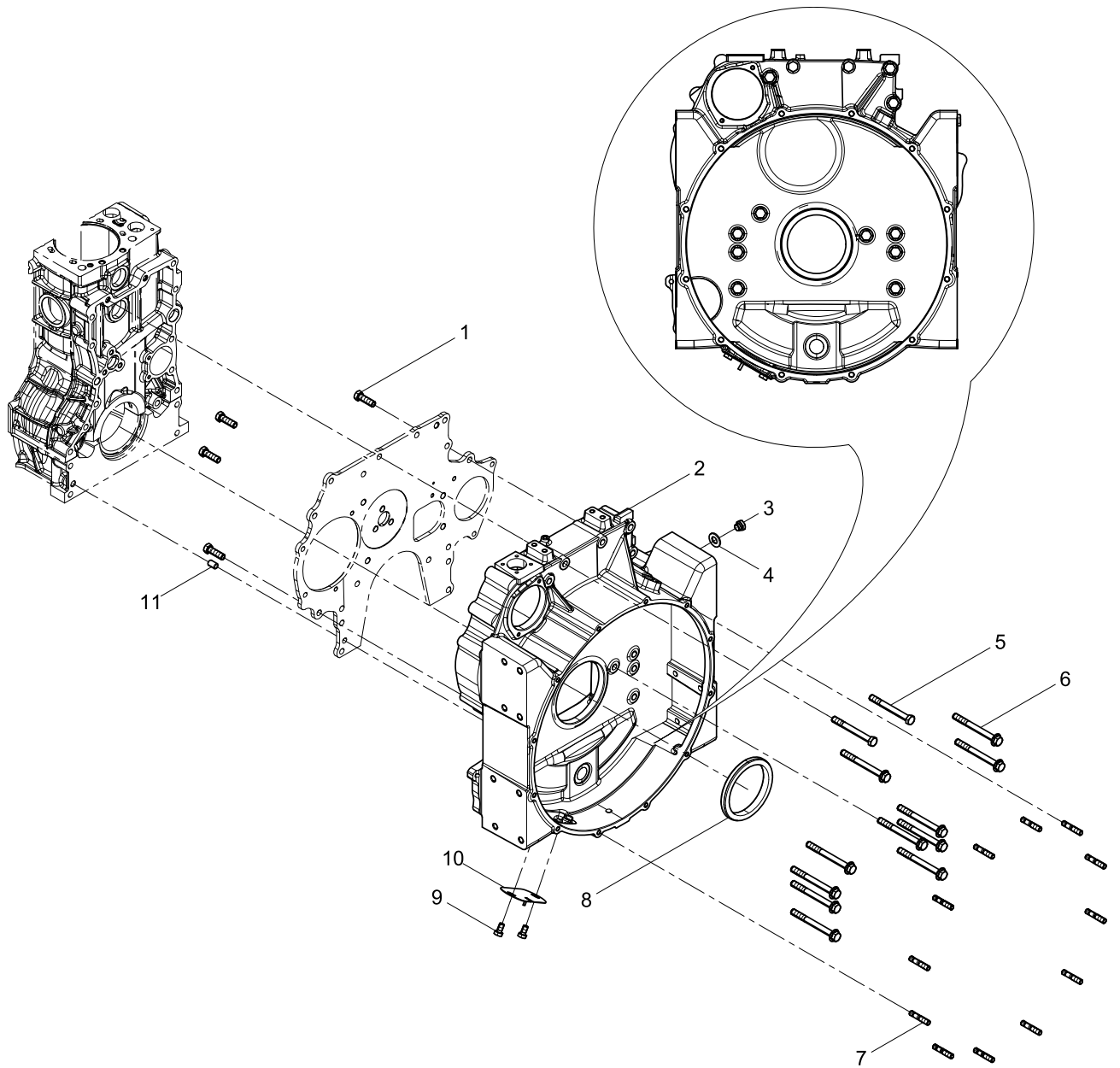
加油管结合组(Oil Tilling Tube Group)



加油管结合组(Oil Tilling Tube Group)

[illegible]

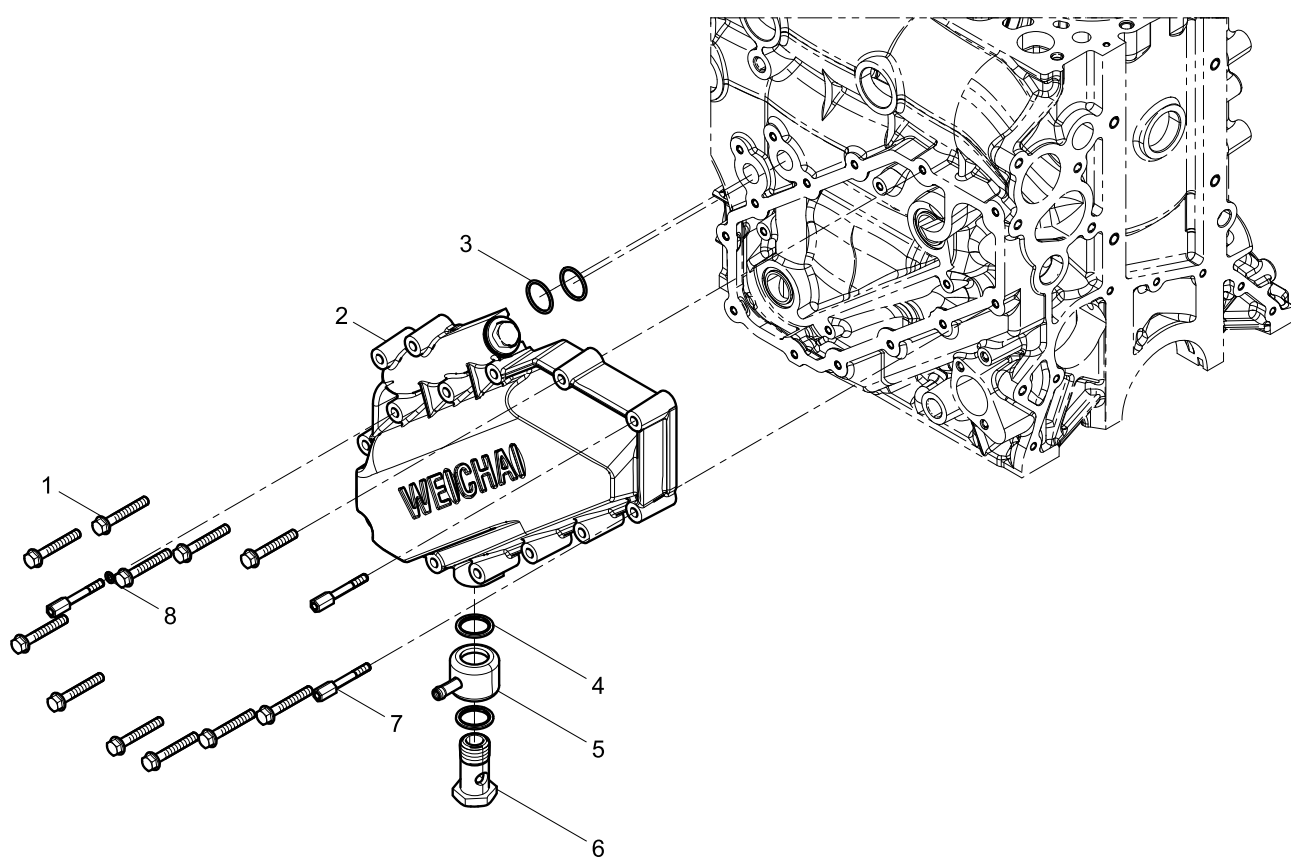
飞轮壳结合组(Flywheel Housing Group)



飞轮壳结合组(Flywheel Housing Group)

[illegible]

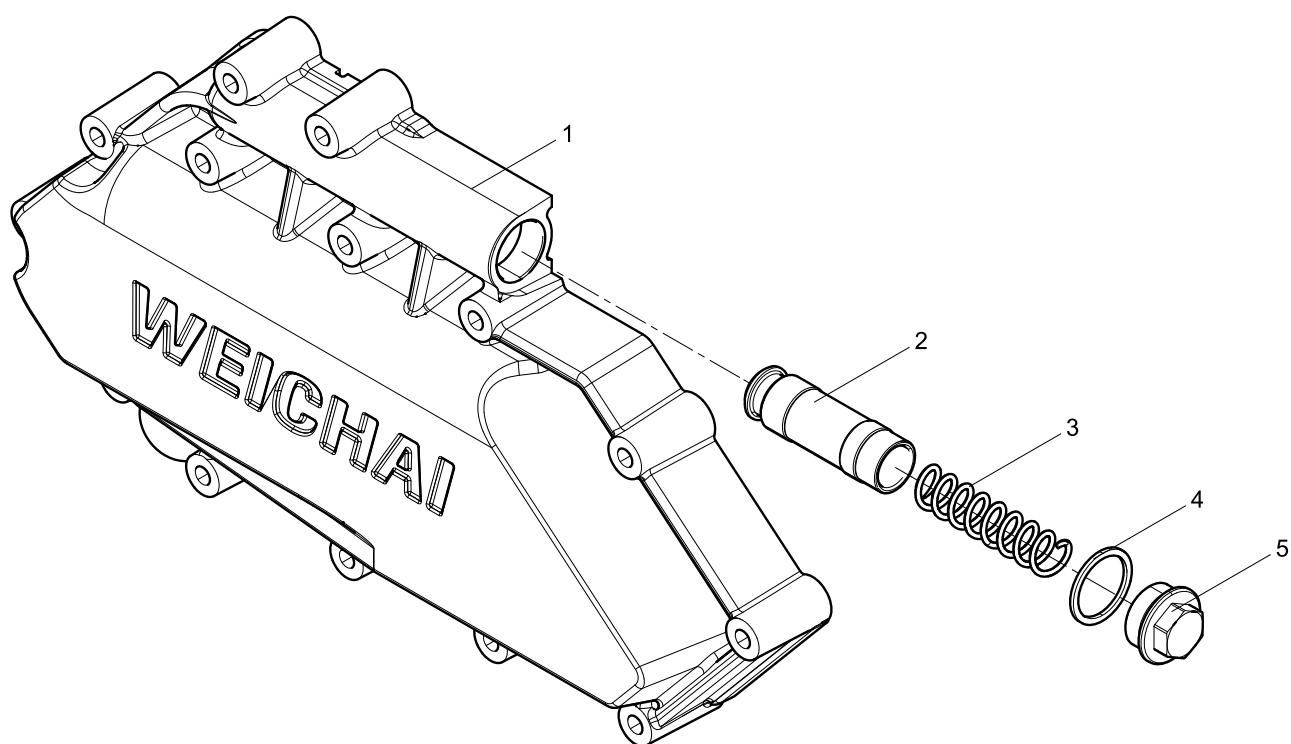
机油冷却器盖结合组()



机油冷却器盖结合组()

[illegible]

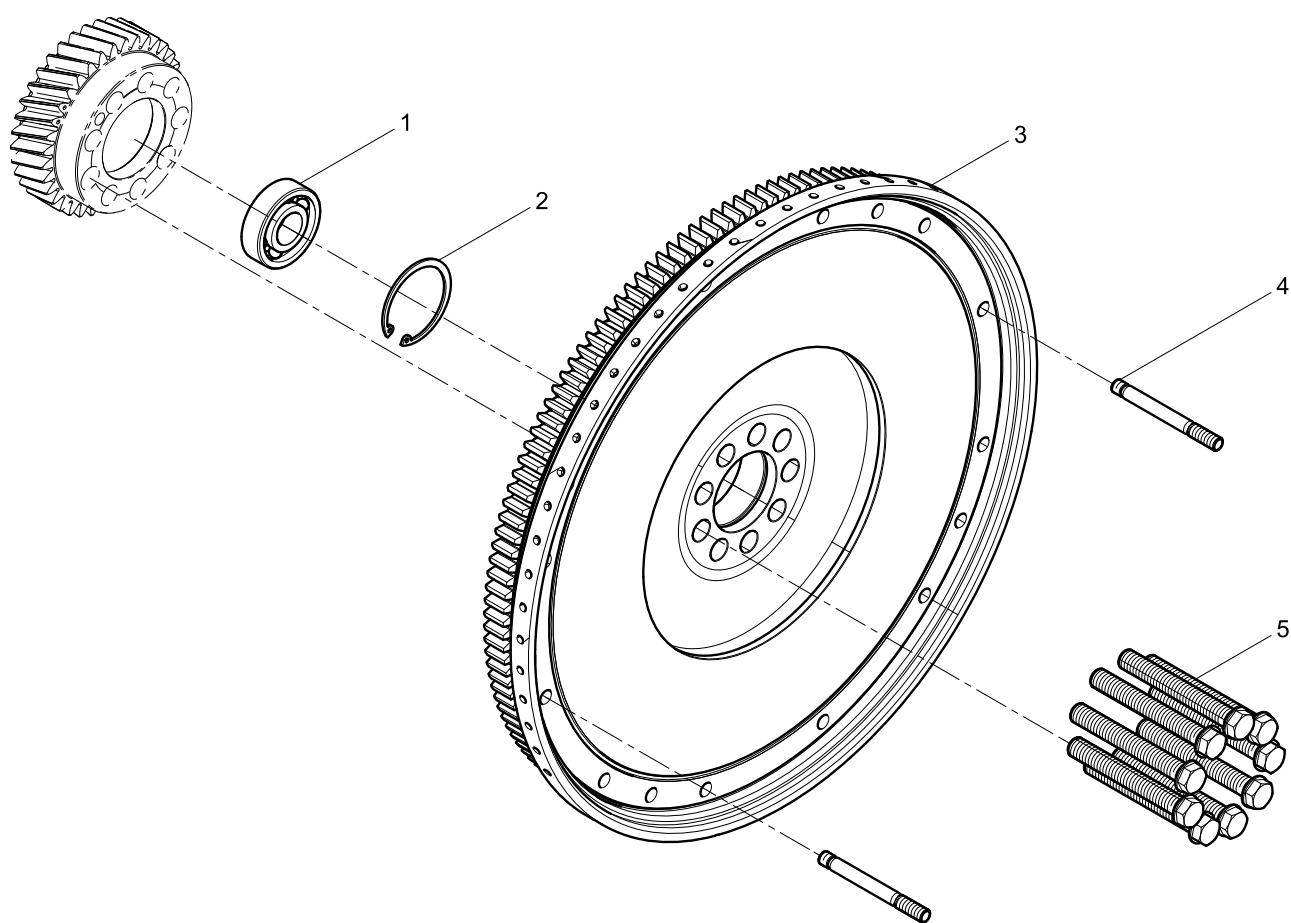
机油冷却器盖总成(Oil Cooler Cap Assembly)



机油冷却器盖总成(Oil Cooler Cap Assembly)

[illegible]

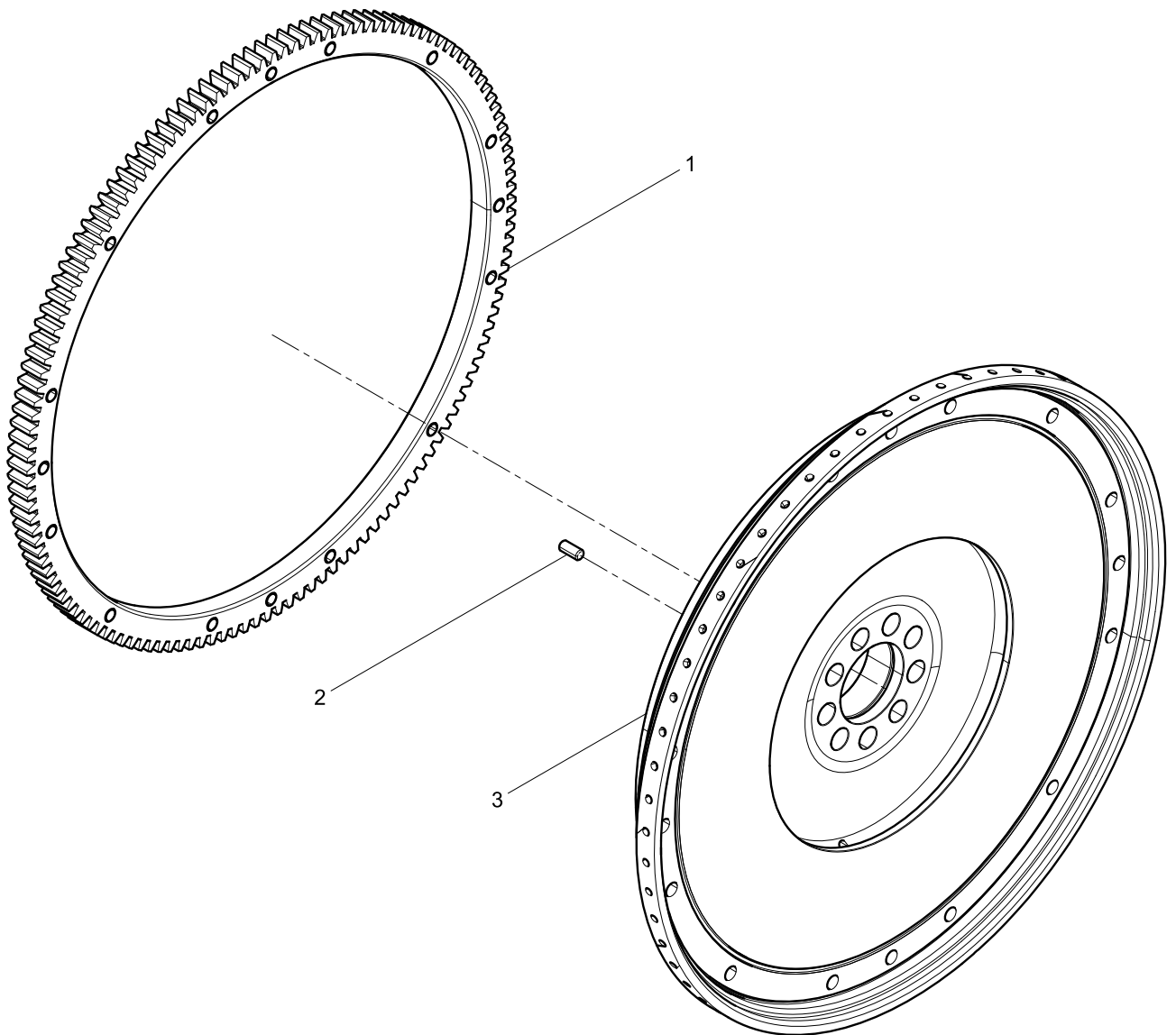
飞轮结合组(Flywheel Group)



飞轮结合组(Flywheel Group)

[illegible]

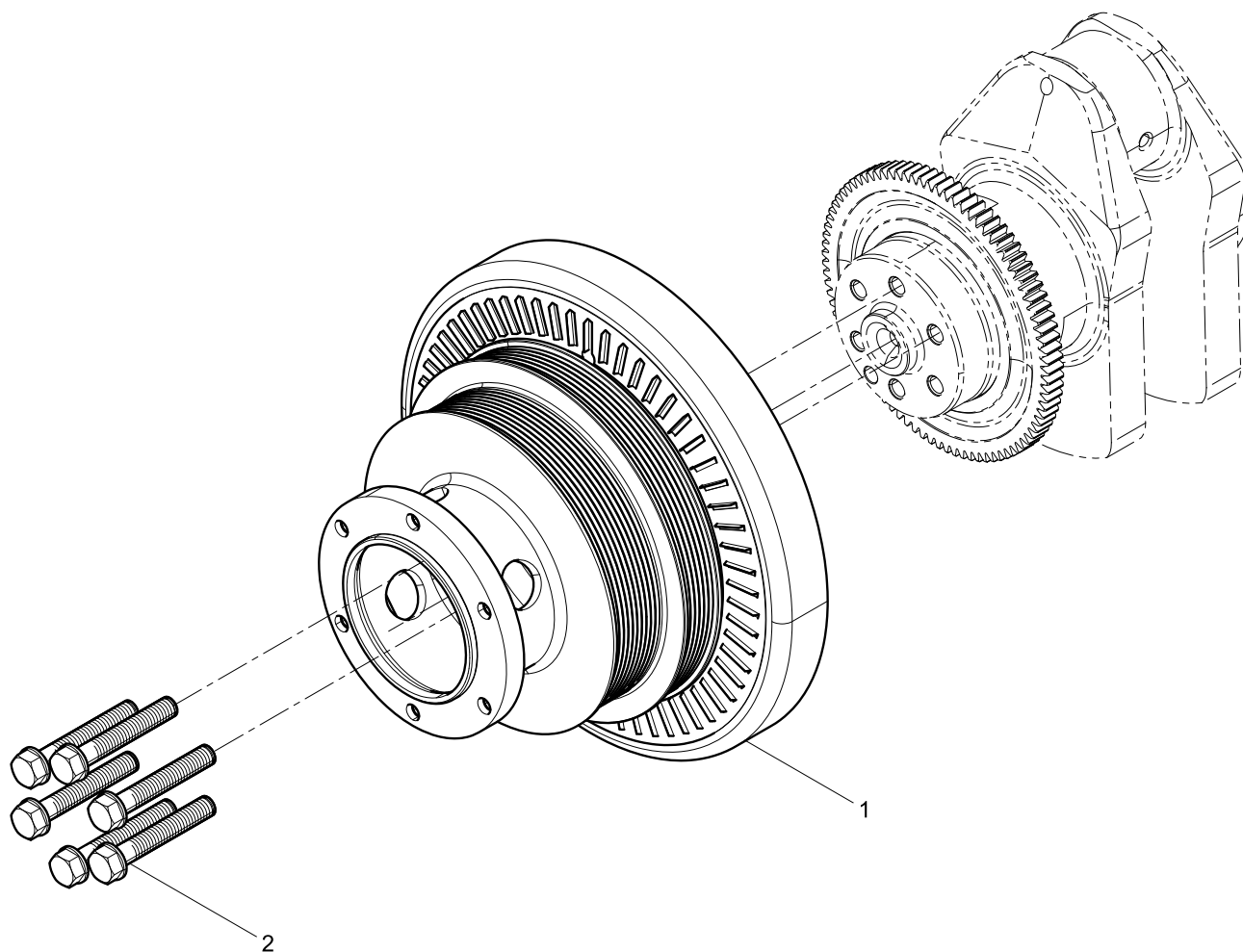
飞轮总成(Flywheel assembly)



飞轮总成(Flywheel assembly)

[illegible]

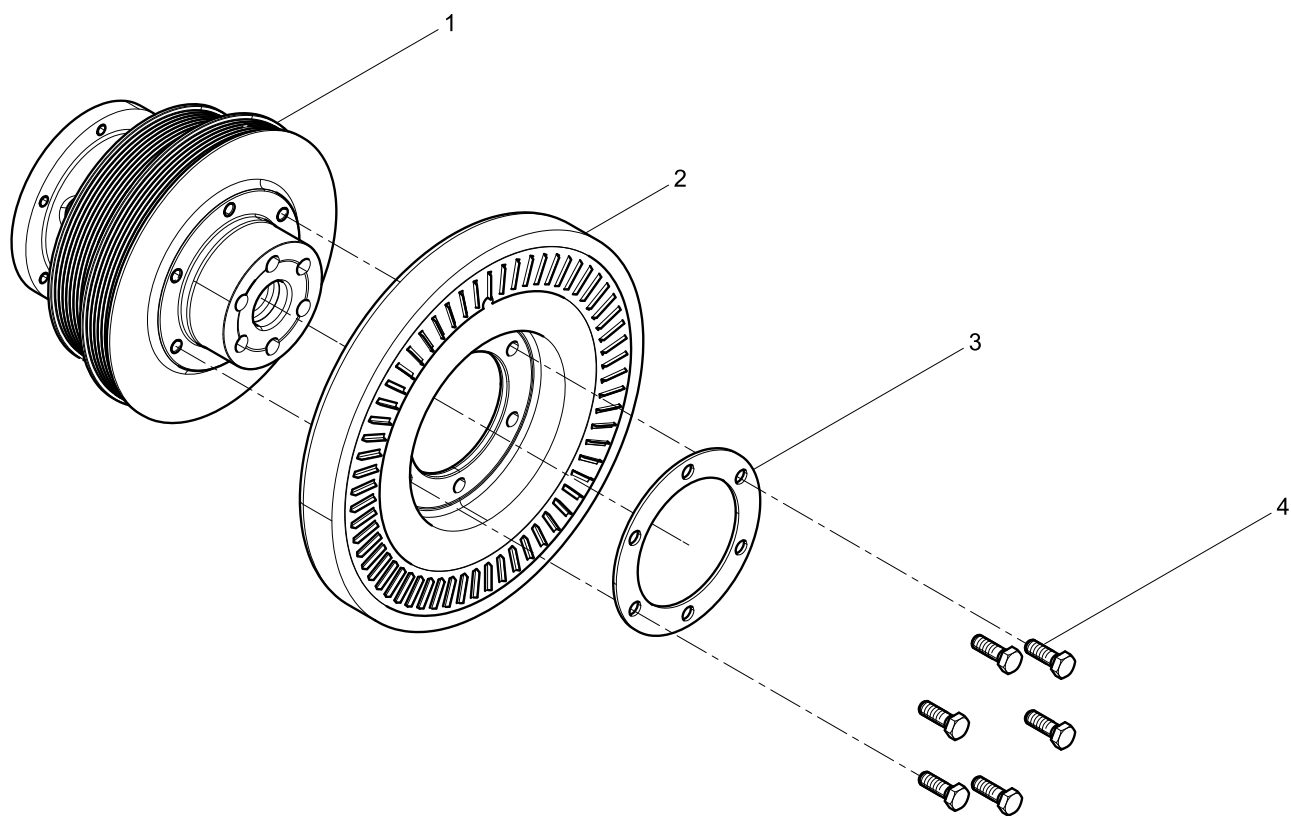
曲轴皮带轮结合组(Crankshaft Pulley Group)



曲轴皮带轮结合组(Crankshaft Pulley Group)

[illegible]

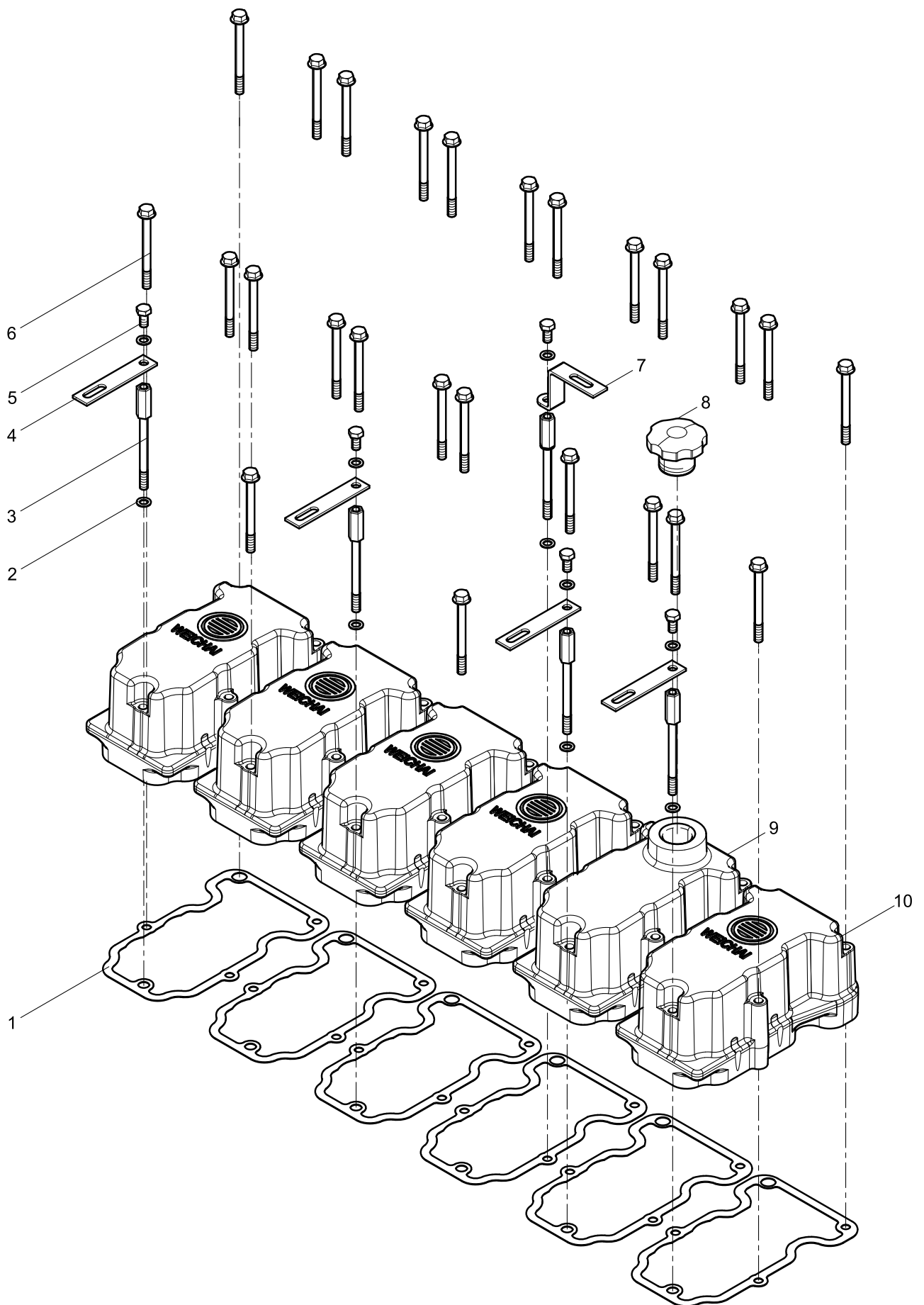
皮带轮总成()



皮帶輪总成()

[illegible]

气缸盖罩组件()

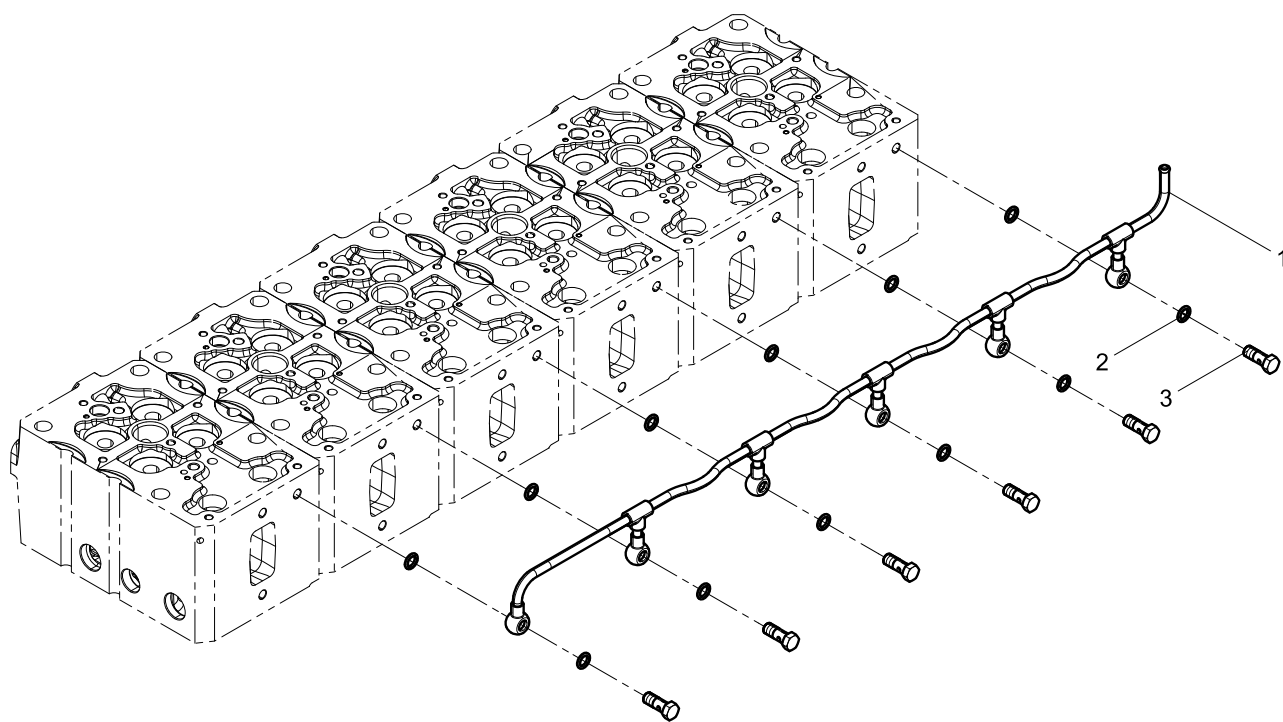


气缸盖罩组件()

[illegible]

放气管结合组(Air Discharging Pipe Group)

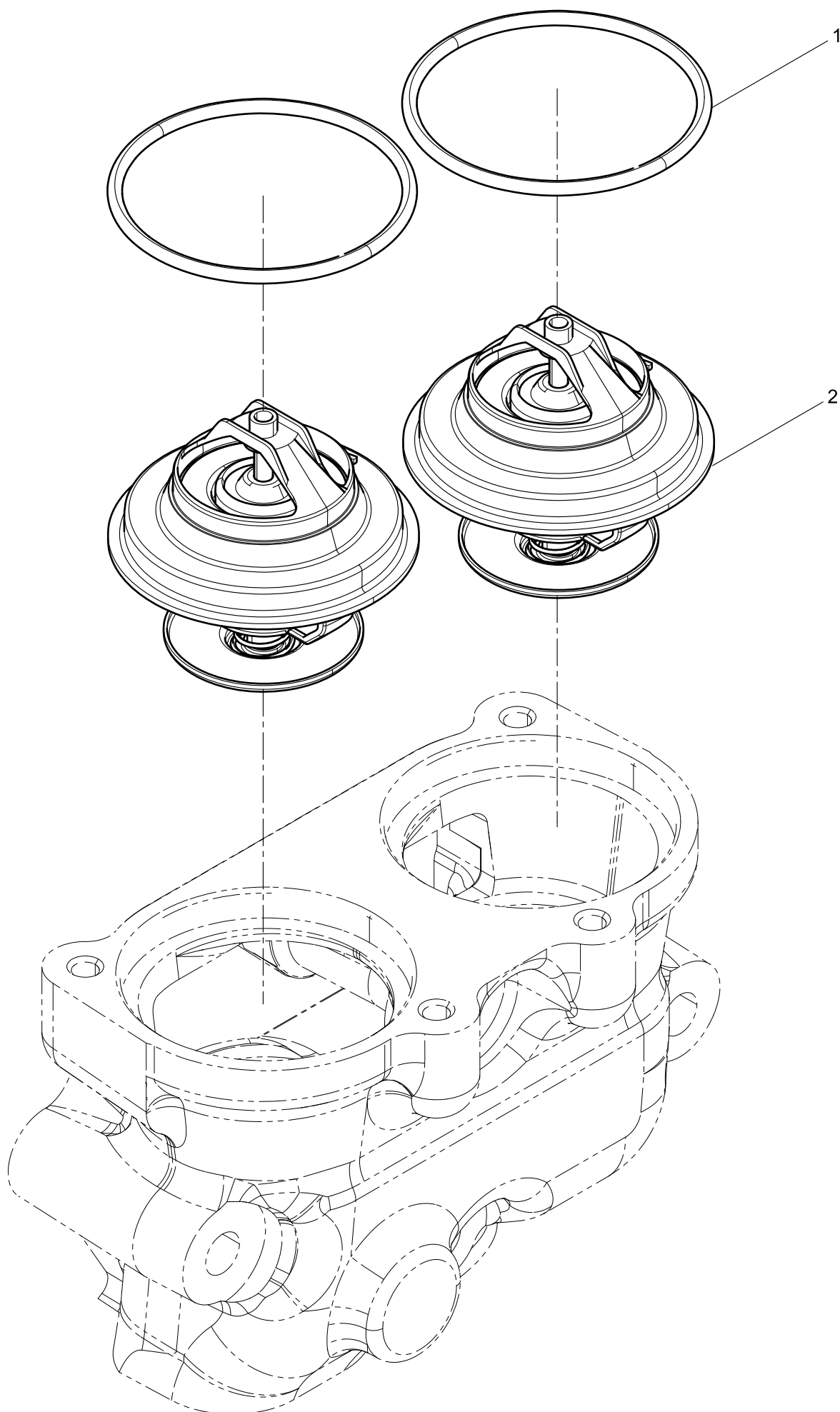
77



放气管结合组(Air Discharging Pipe Group)

[illegible]

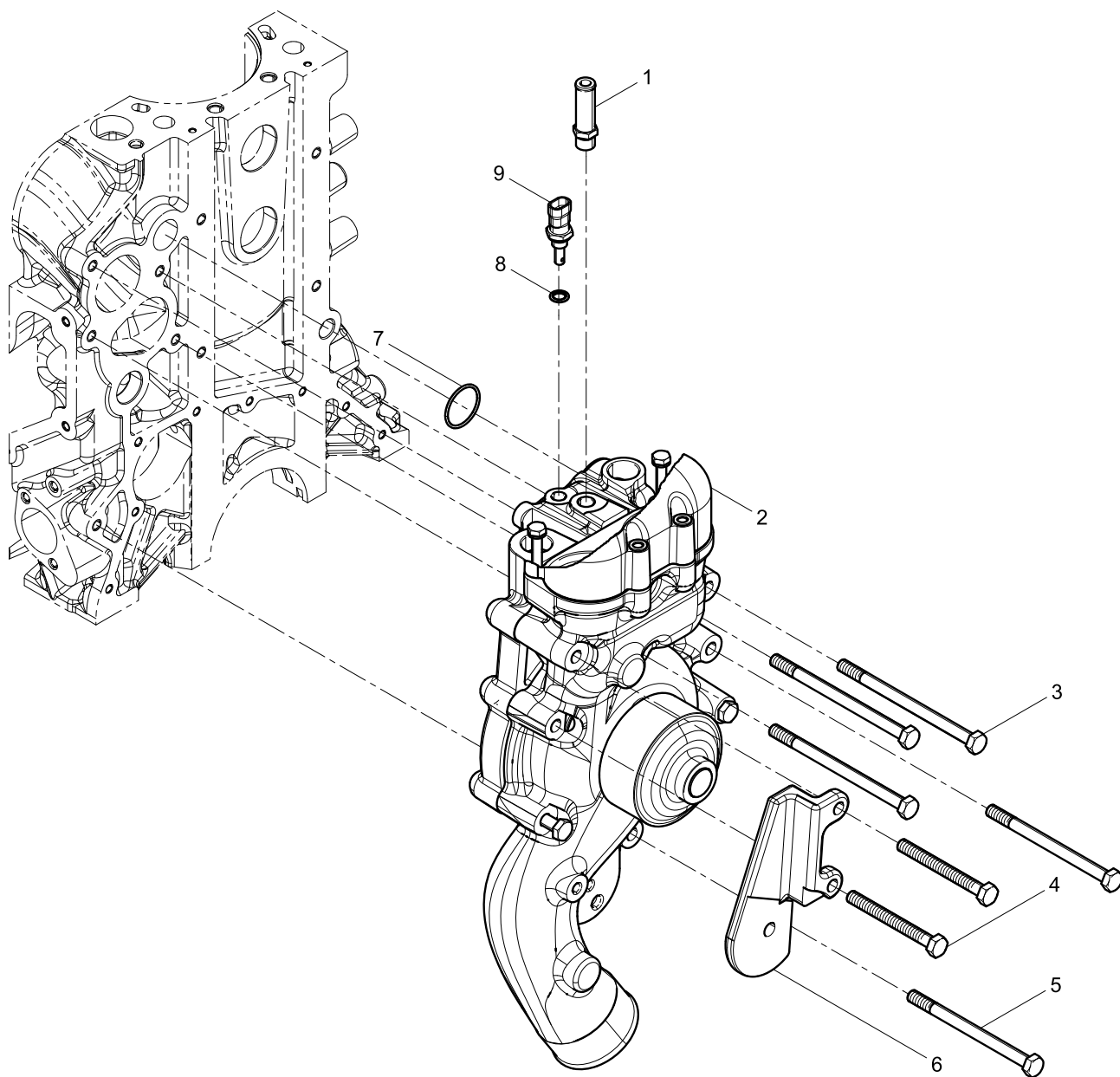
节温器结合组(Thermostat Group)



节温器结合组(Thermostat Group)

[illegible]

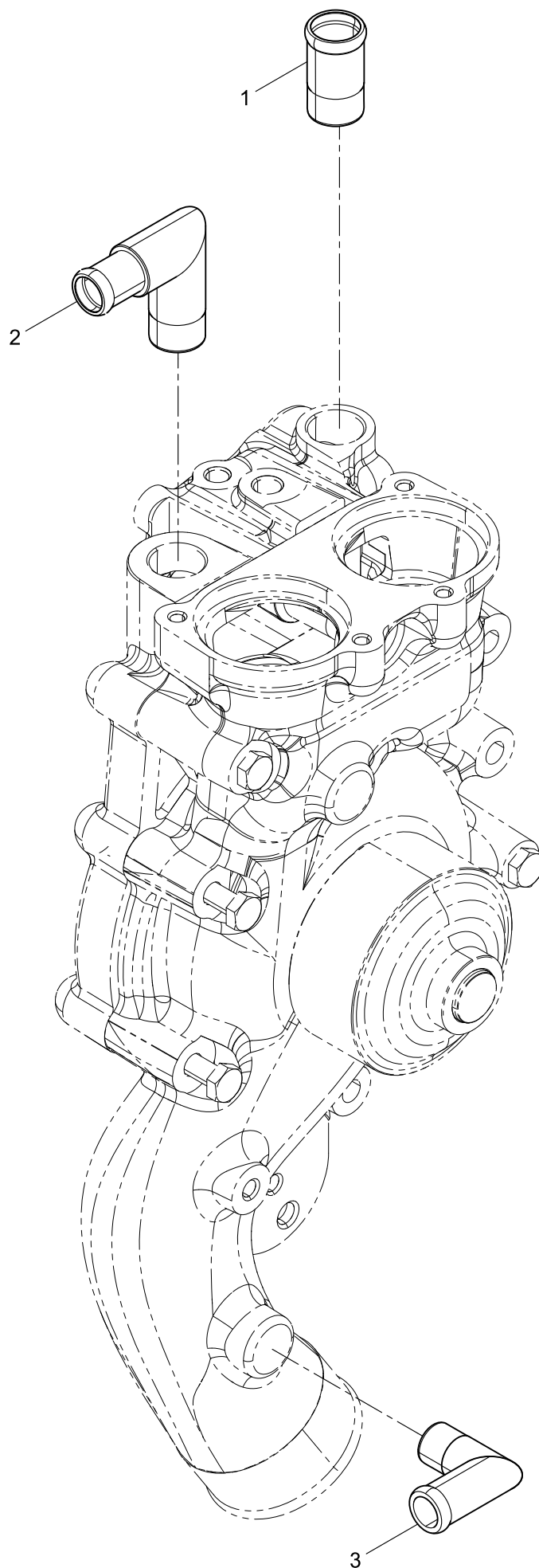
水泵结合组(Water Pump Group)



水泵结合组(Water Pump Group)

[illegible]

水管接头结合组(Water Pipe Connector Group)

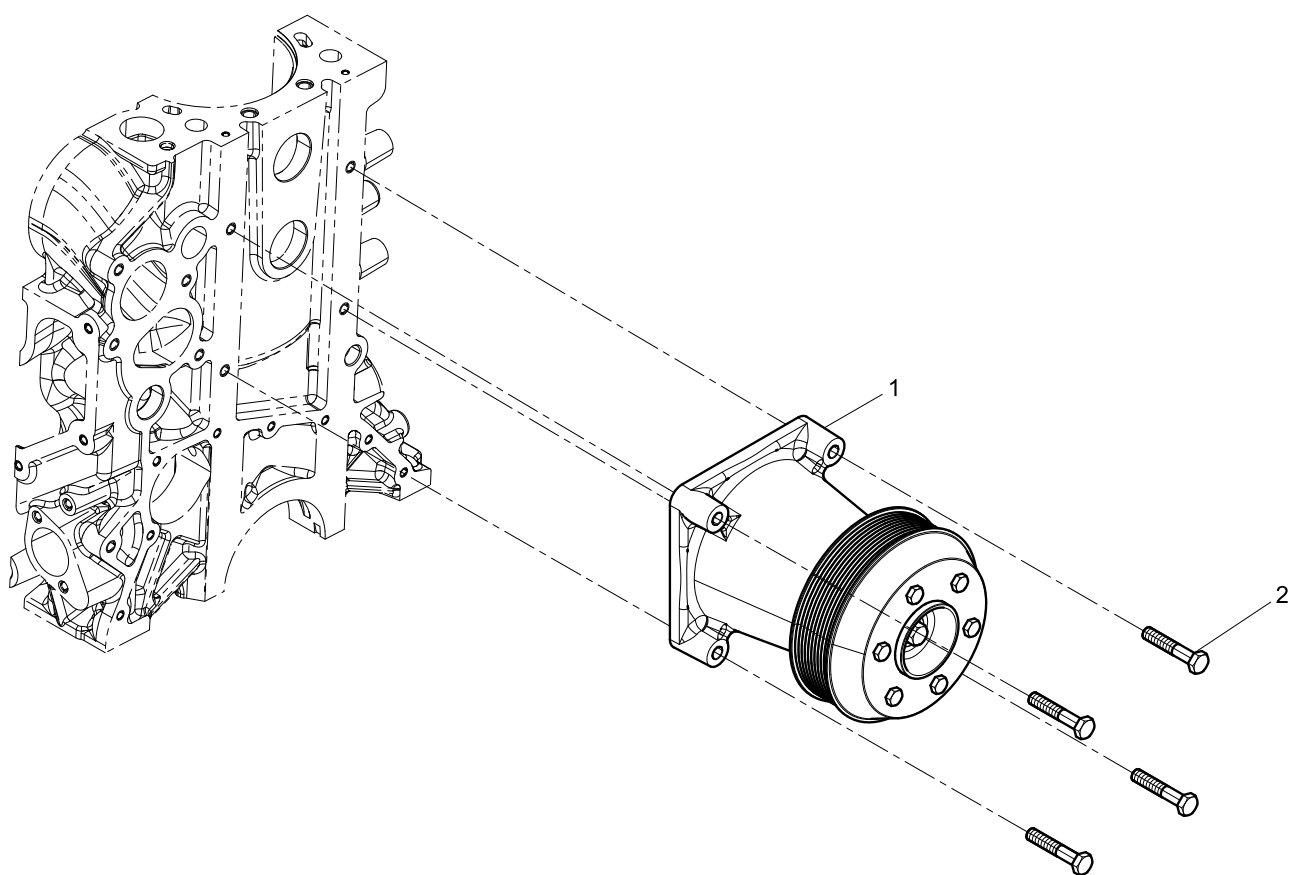


水管接头结合组(Water Pipe Connector Group)

[illegible]

风扇托架结合组(Fan Bracket Group)

85

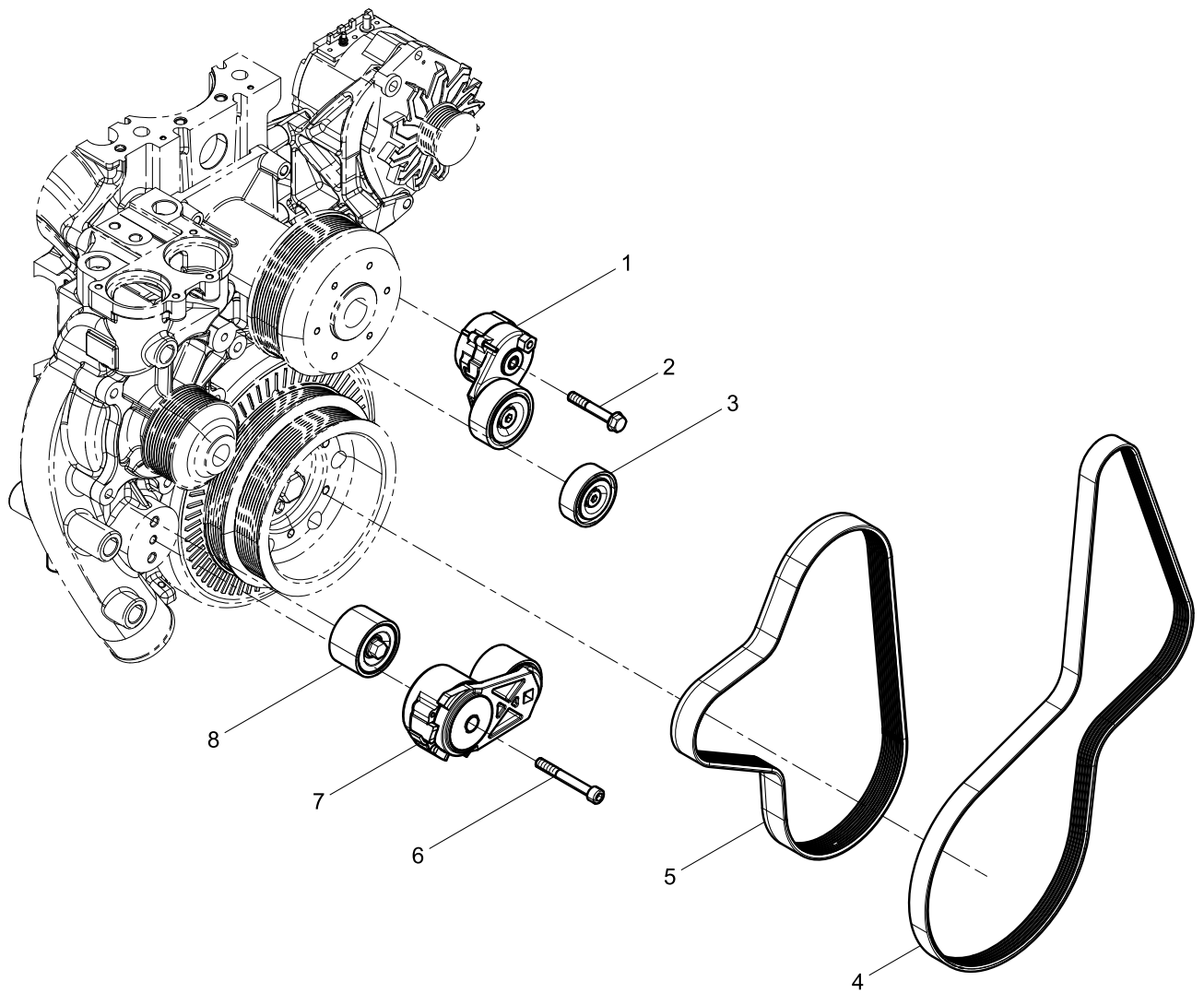


风扇托架结合组(Fan Bracket Group)

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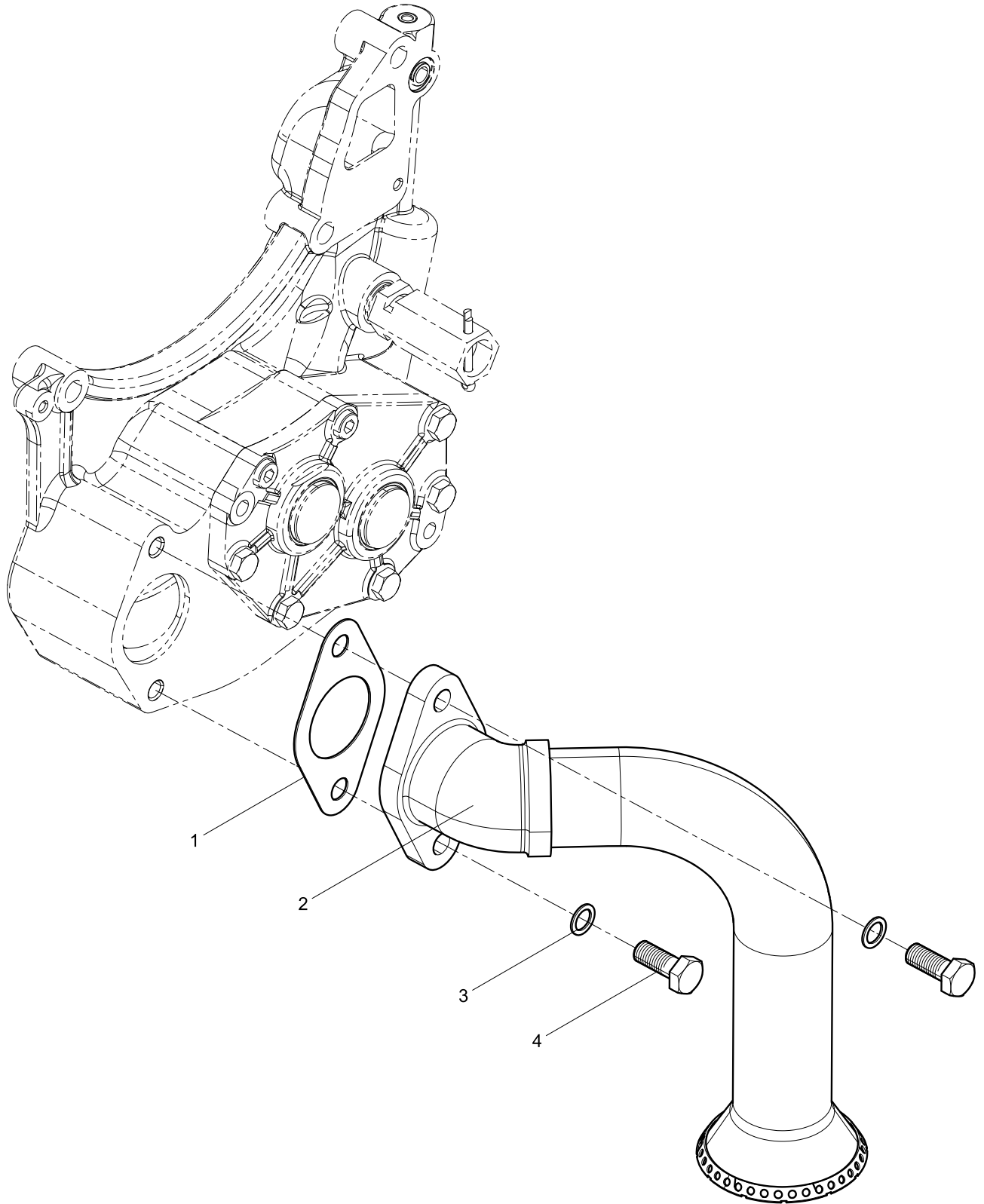
张紧轮及皮带结合组(Tensioner and Belt Assembly)

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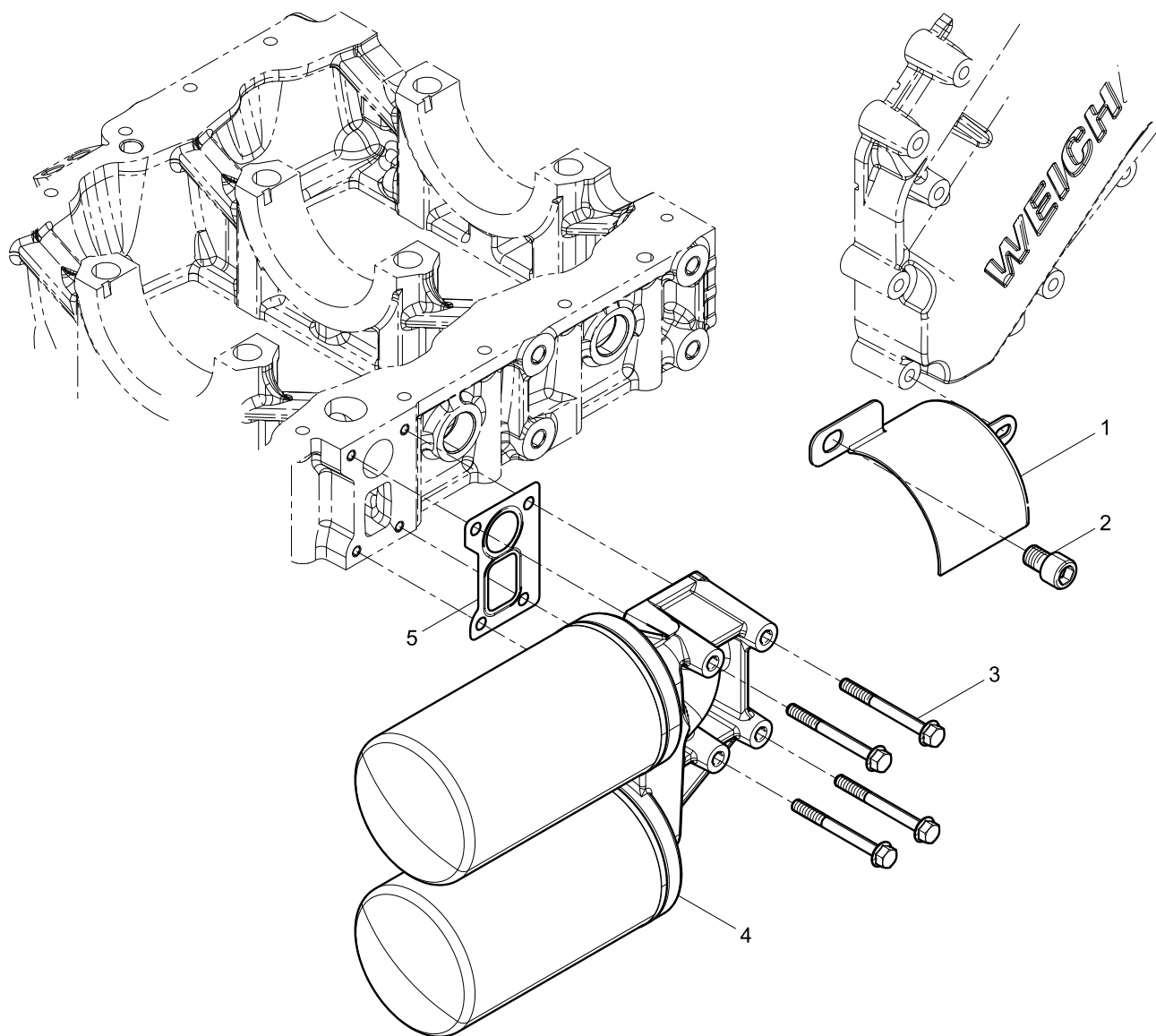
张紧轮及皮带结合组(Tensioner and Belt Assembly)

机油集滤器结合组(Oil Suction Strainer Group)



机油集滤器结合组(Oil Suction Strainer Group)

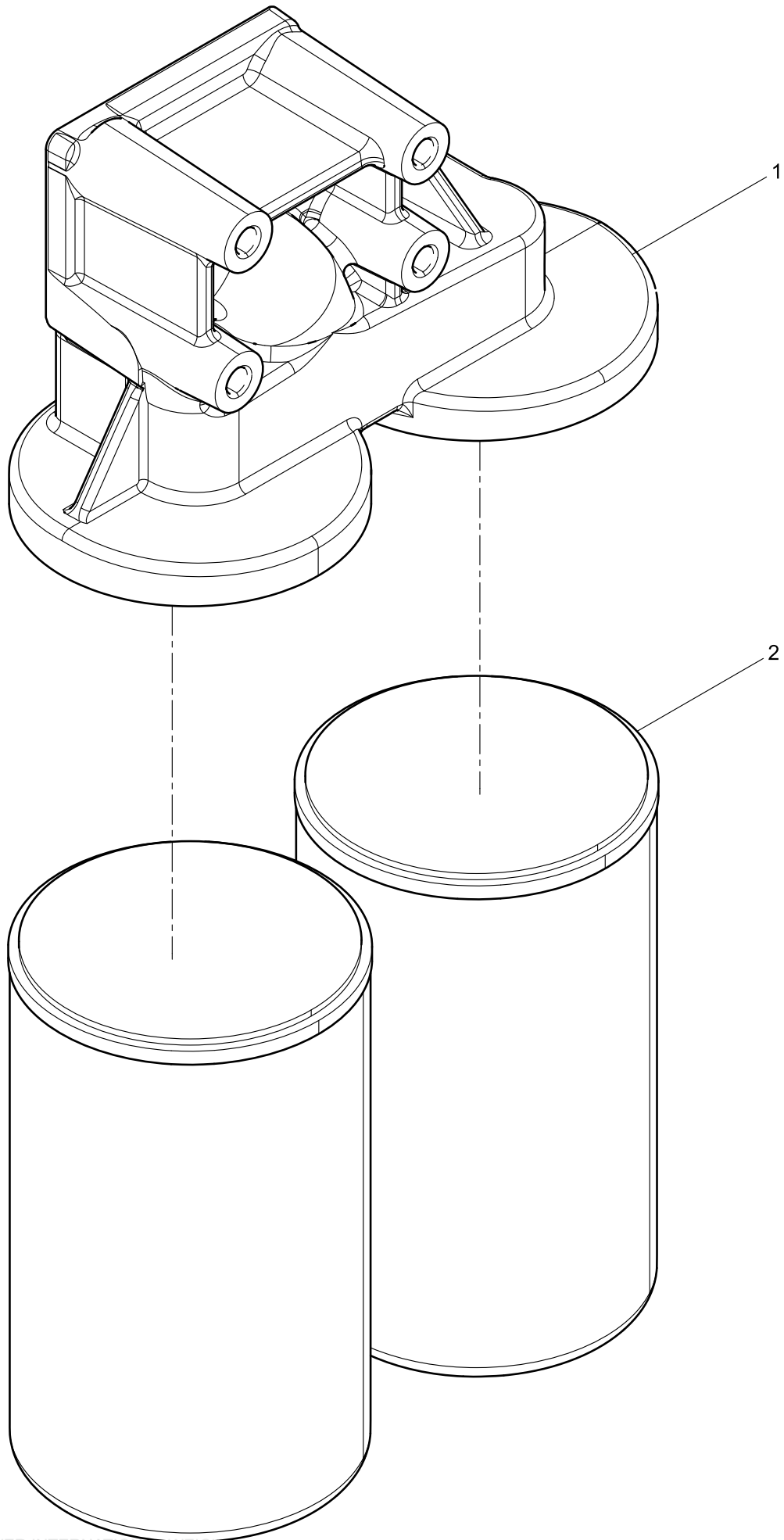
机油滤清器结合组(Oil Filter Group)



机油滤清器结合组(Oil Filter Group)

[illegible]

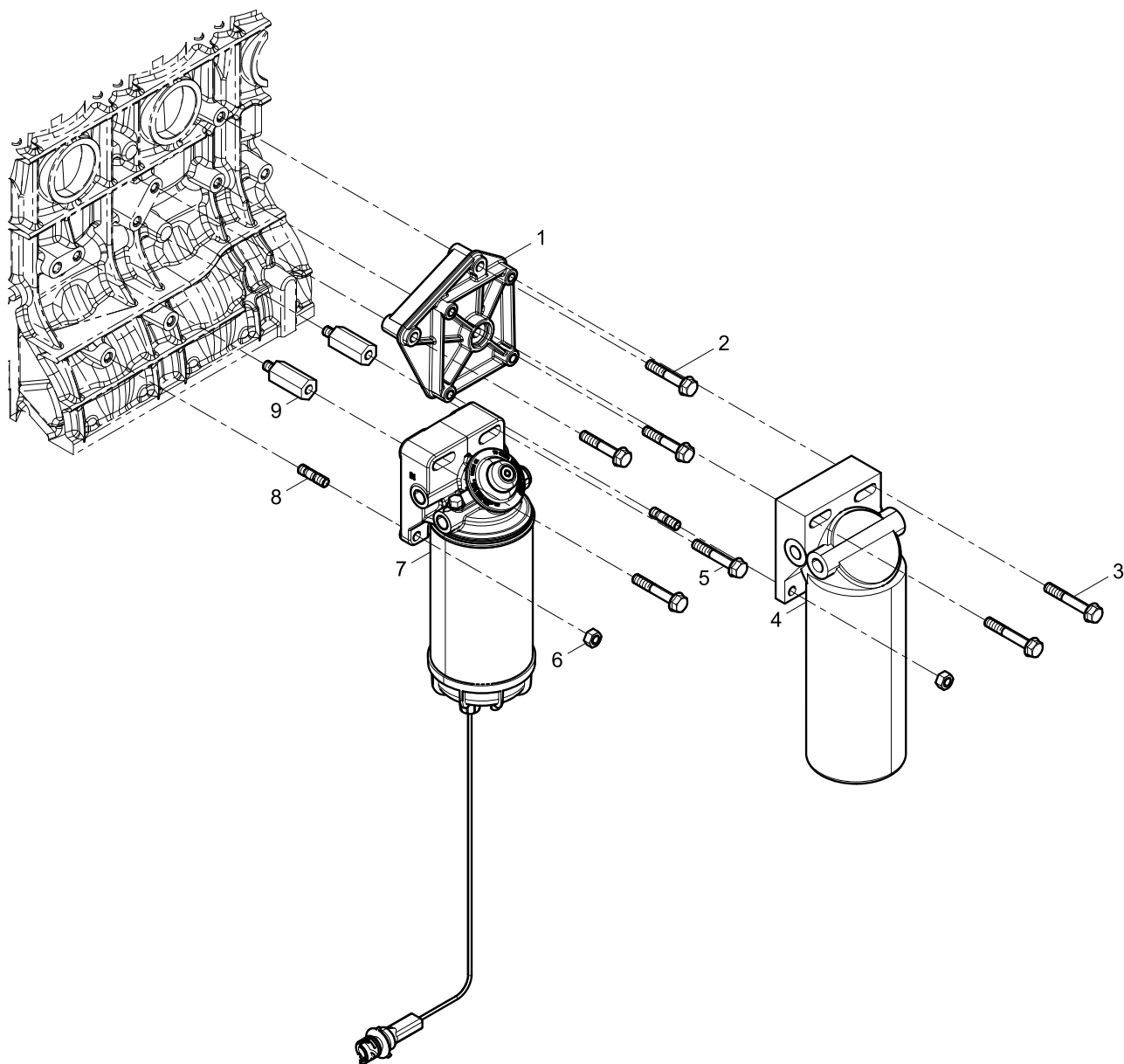
机油滤清器(Oil Filter)



机油滤清器(Oil Filter)

[illegible]

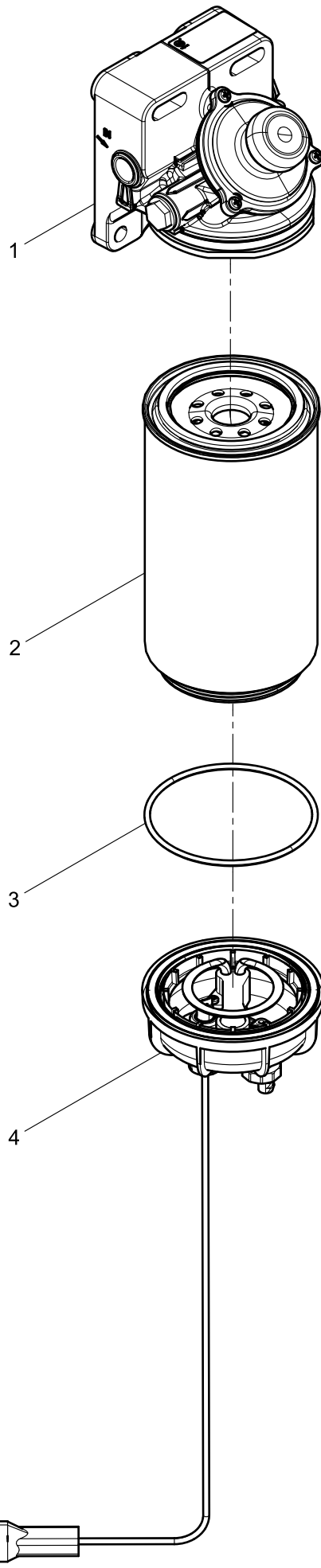
燃油滤清器结合组(Fuel Filter Group)



燃油滤清器结合组(Fuel Filter Group)

[illegible]

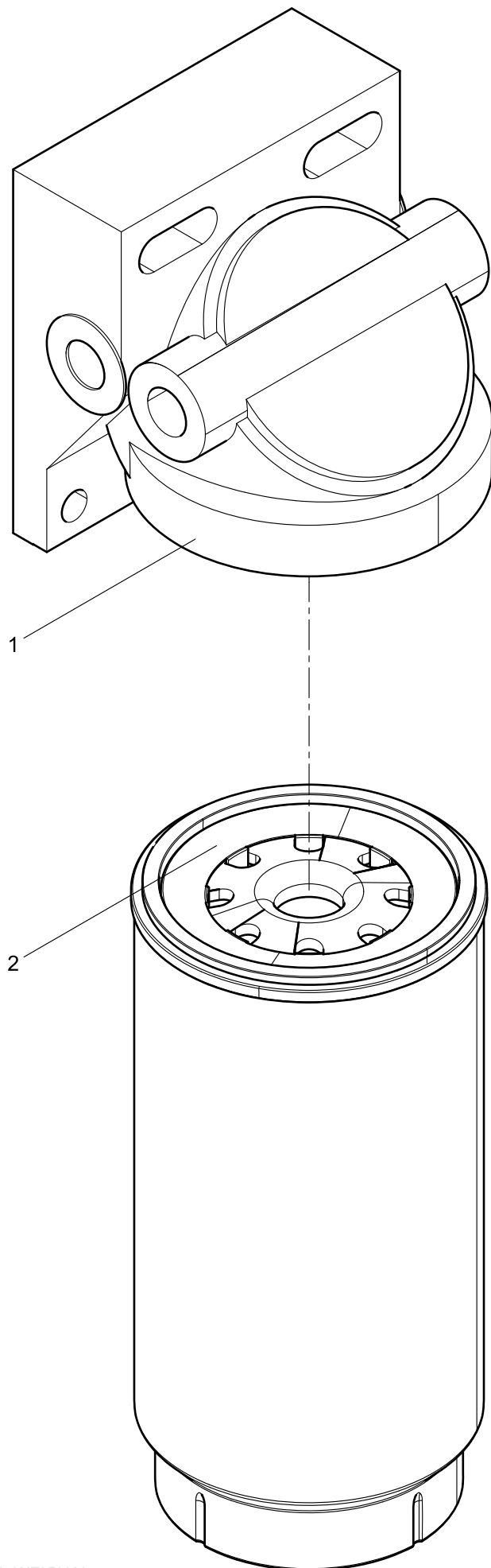
燃油粗滤器(Primary fuel filter)



燃油粗滤器(Primary fuel filter)

[illegible]

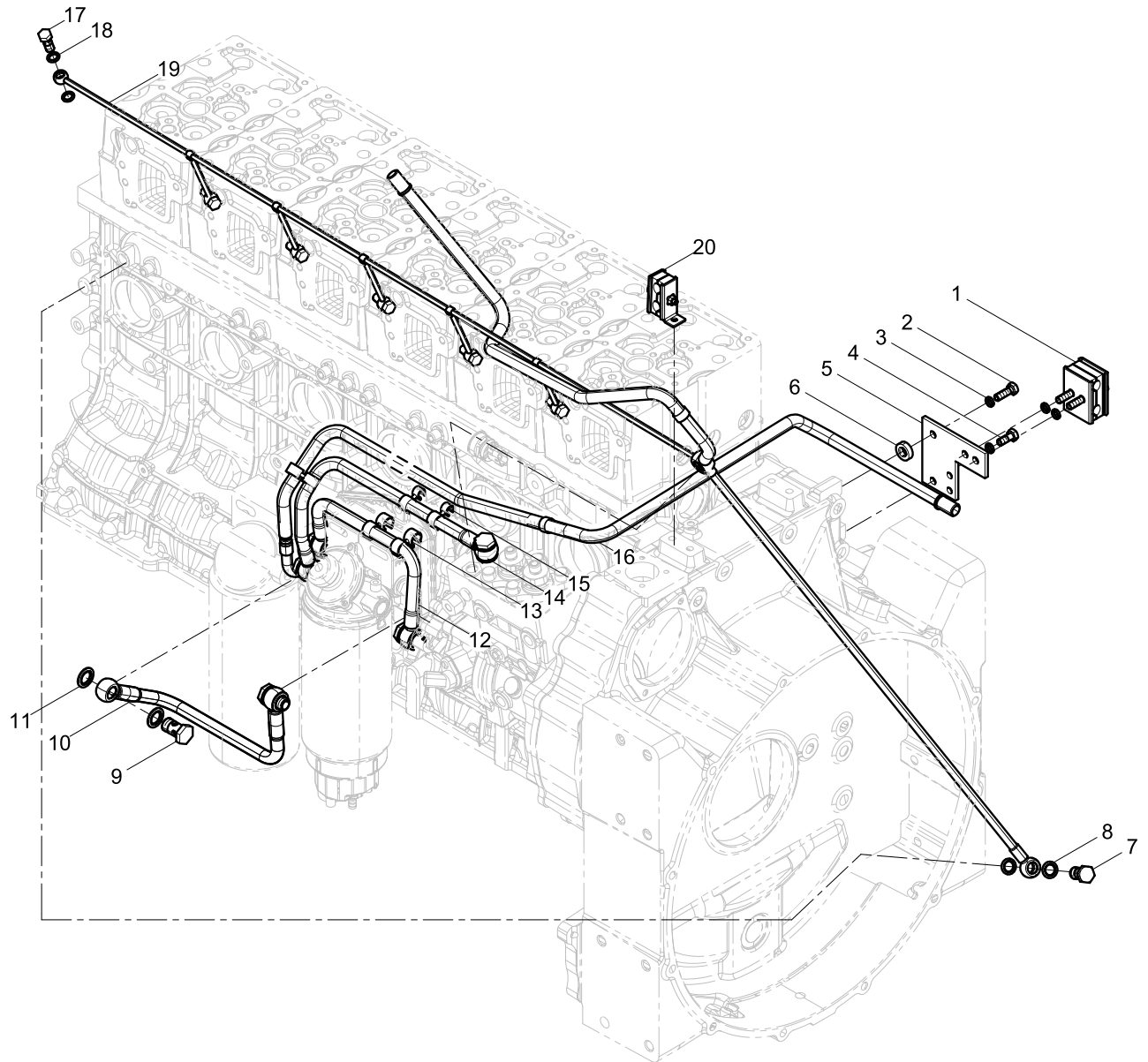
精滤器0



精濾器()

[illegible]

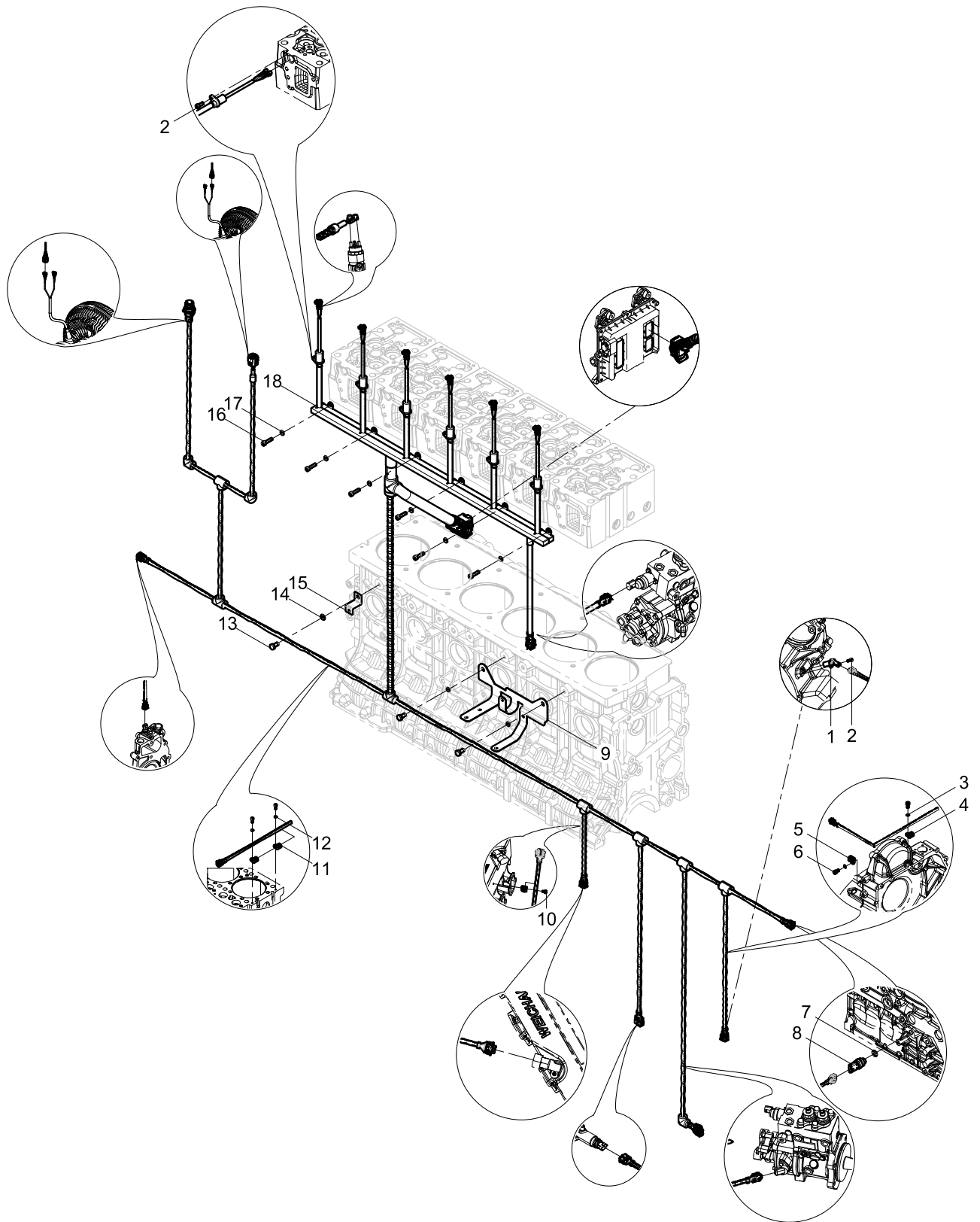
低压油管结合组(Low Pressure Oil pipe Group)



低压油管结合组(Low Pressure Oil pipe Group)

图序号 Pos.	件号 Teile.Number	数量 Amount	中文名称 Denomination	英文名称 Designation
1	612600082189	1	管夹	Clip
2	90011270076	1	六角头螺栓 全螺纹	
3	90014010013	2	标准型弹簧垫圈	Single Coil Spring Lock Washer, Normal Type
4	90011270075	1	六角头螺栓 全螺纹	
5	612630110672	1	支架	Bracket
6	612630110263	1	隔套	Spacer sleeve
7	90003962621	1	空心螺栓	Hollow bolt
8	612600080200	2	密封垫圈	Seal washer
9	612639000049	7	空心螺栓	Hollow bolt
10	612640080070	1	燃油管总成	Fuel Pipe Assembly
11	13023361	14	组合密封垫圈	Unit seal washer
12	612630080013	1	燃油管总成	Fuel Pipe Assembly
13	612600080948	2	管卡	
14	612630080014	1	燃油管总成	Fuel Pipe Assembly
15	612600080949	2	管卡	
16	612640080169	1	燃油进油管组件	Fuel Inlet Pipe Set
17	612639000047	6	空心螺栓	Hollow bolt
18	612600080246	12	密封垫圈	Seal washer
19	612630080460	1	喷油器回油管组件	Injector Fuel-return Pipe Set
20	612600082181	1	管夹	Clip

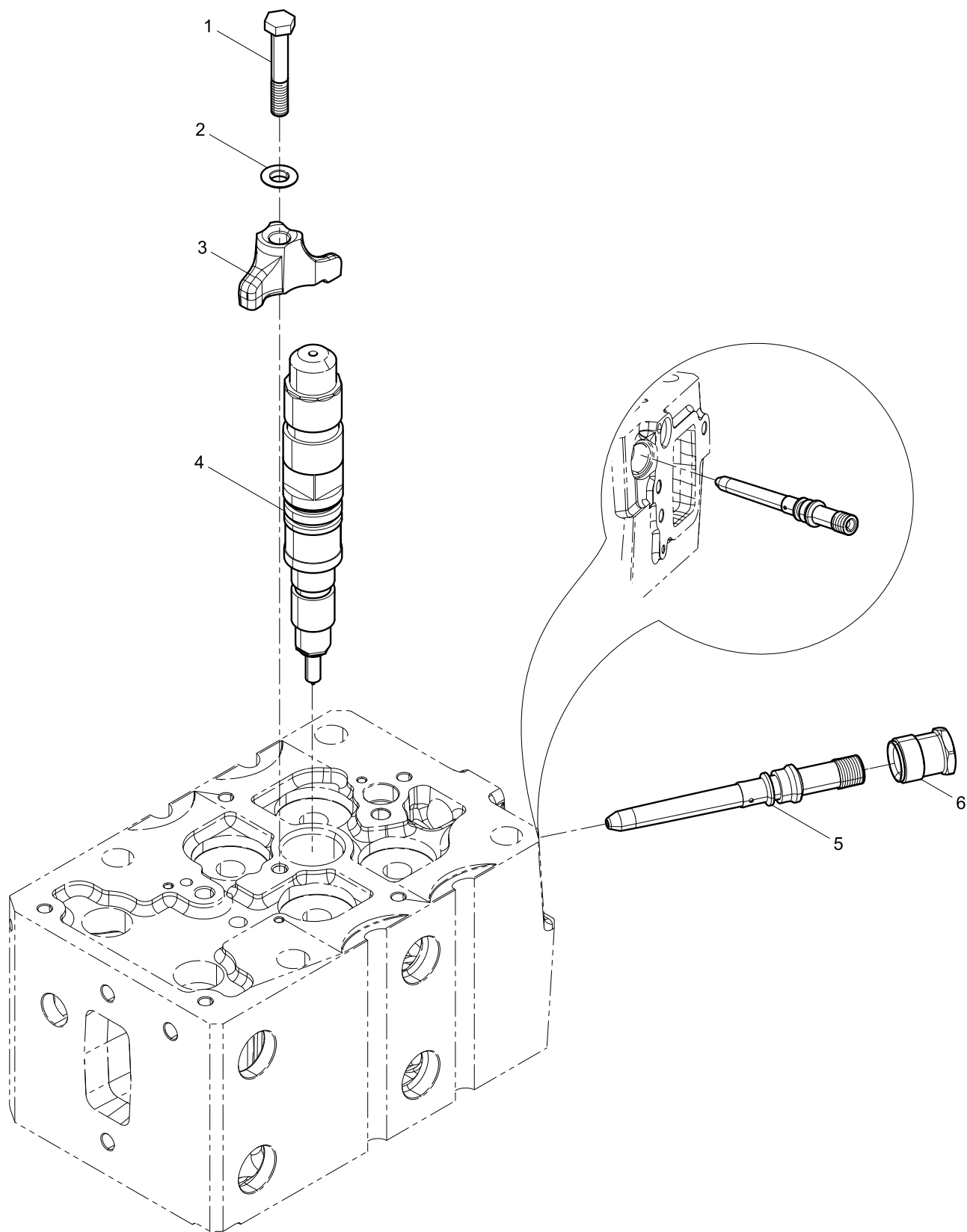
电控线束及传感器结合组(Electronic Control System Harness and Sensor Group)



电控线束及传感器结合组(Electronic Control System Harness and Sensor Group)

图序号 Pos.	件号 Teile.Number	数量 Amount	中文名称 Denomination	英文名称 Designation
1	612630030007	1	转速传感器	Speed sensor
2	90013050006	9	内六角圆柱头螺钉	Inner hexagon screw
3	90003931102	2	弹簧垫圈	Spring washer
4	612600081630	1	管夹总成	Pipe Clamp Assembly
5	612600081629	1	管夹总成	Pipe Clamp Assembly
6	90003862419	2	内六角圆柱头螺钉	Inner hexagon screw
7	612600080275	1	密封垫圈	Seal washer
8	612600090915	1	压力温度传感器	Pressure and Temperature Sensor
9	612630080101	1	支架	Bracket
10	90011350004	1	六角头螺栓	Hexagon bolt
11	612600081628	3	管夹总成	Pipe Clamp Assembly
12	90003931082	2	轻型弹簧垫圈	Single Coil Spring Lock Washer, Light Type
13	90003802411	3	六角头螺栓	Hexagon bolt
14	90003932023	3	波形弹性垫圈	Wave spiral washer
15	612630080102	1	小支架	
16	90003862327	6	内六角圆柱头螺钉	Inner hexagon screw
17	90003930251	6	小垫圈	Plain Washer, Small Series
18	612640080061	1	发动机线束总成	Engine Harness Assembly

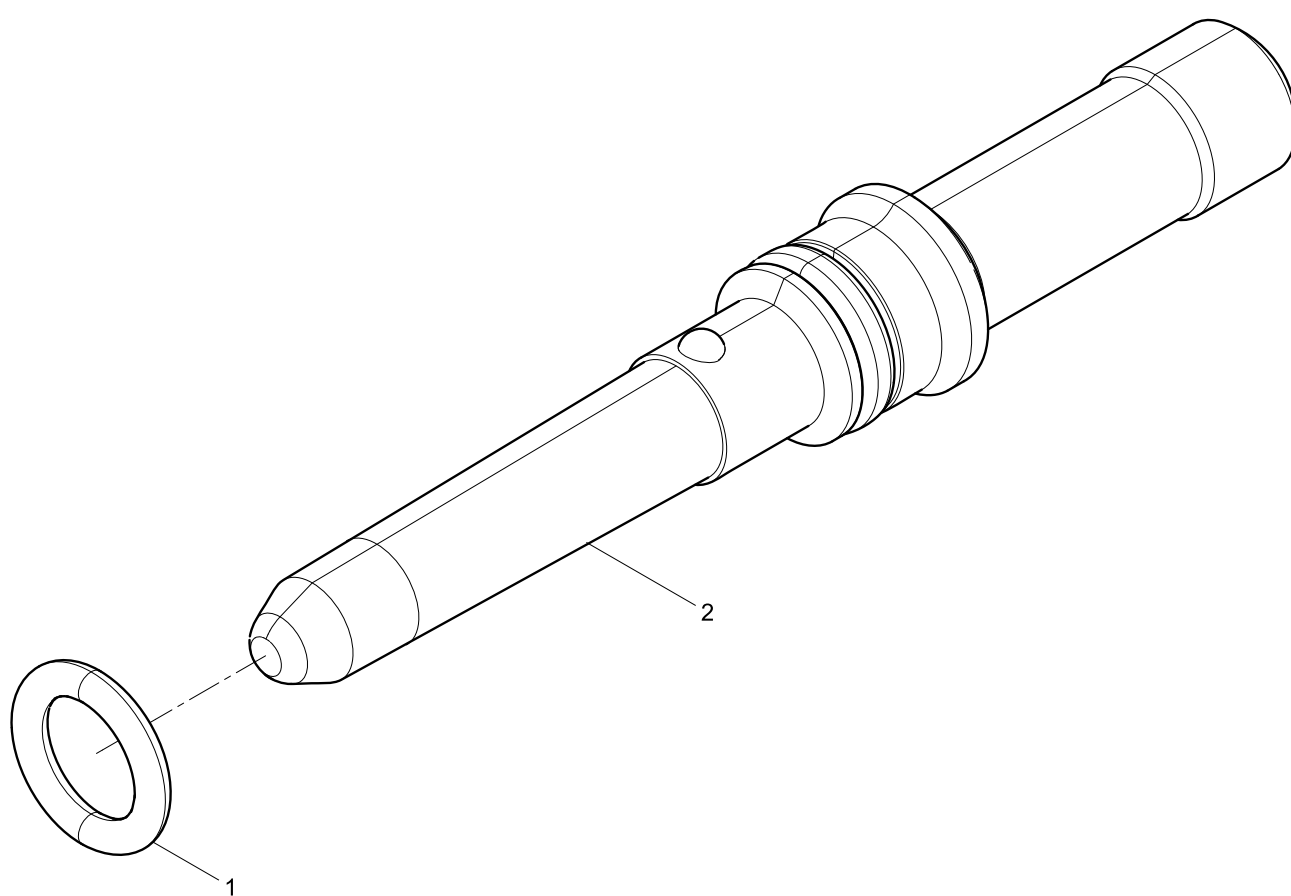
喷油器结合组(Fuel Injector Group)



喷油器结合组(Fuel Injector Group)

[illegible]

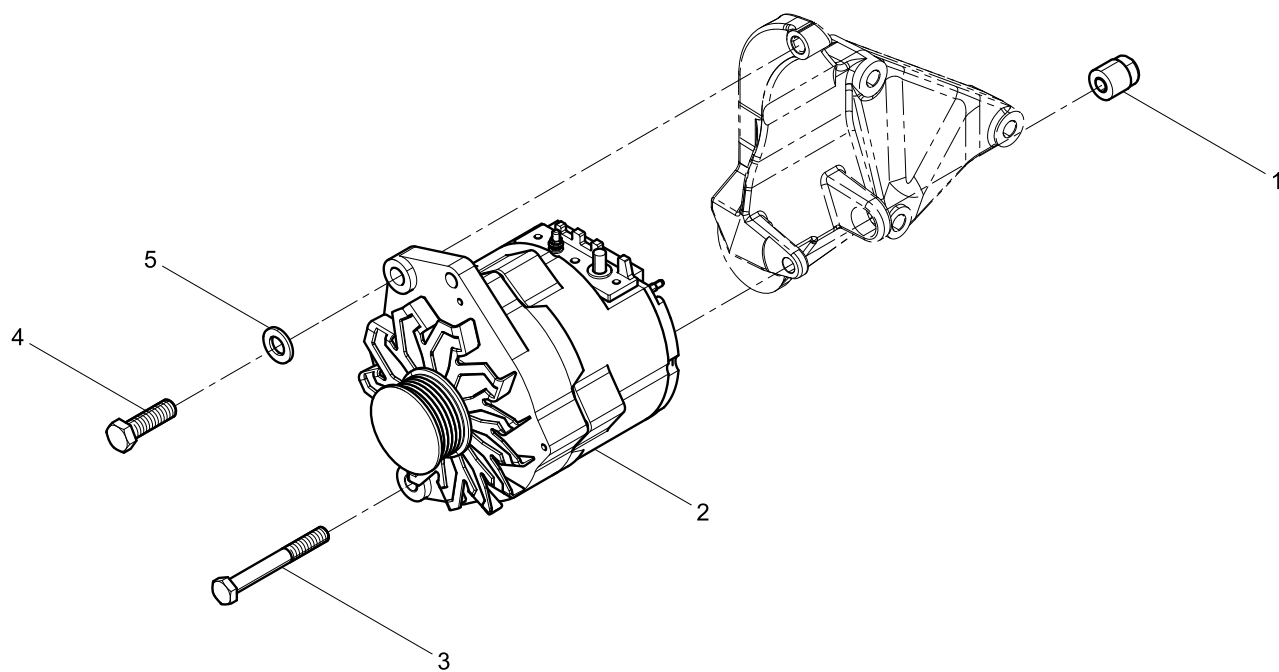
高压油管接头()



高压油管接头()

[illegible]

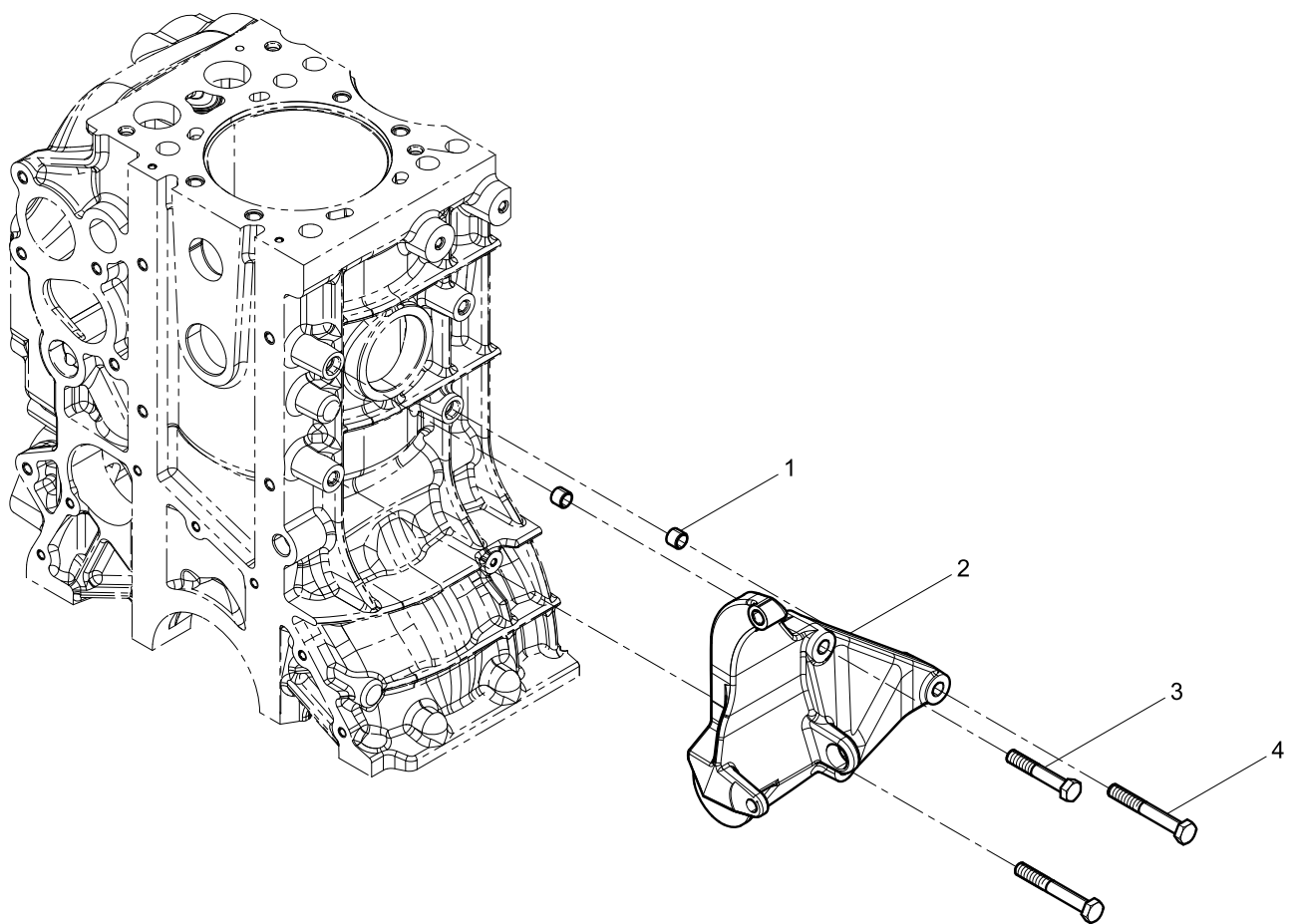
发电机结合组(Generator Group)



发电机结合组(Generator Group)

[illegible]

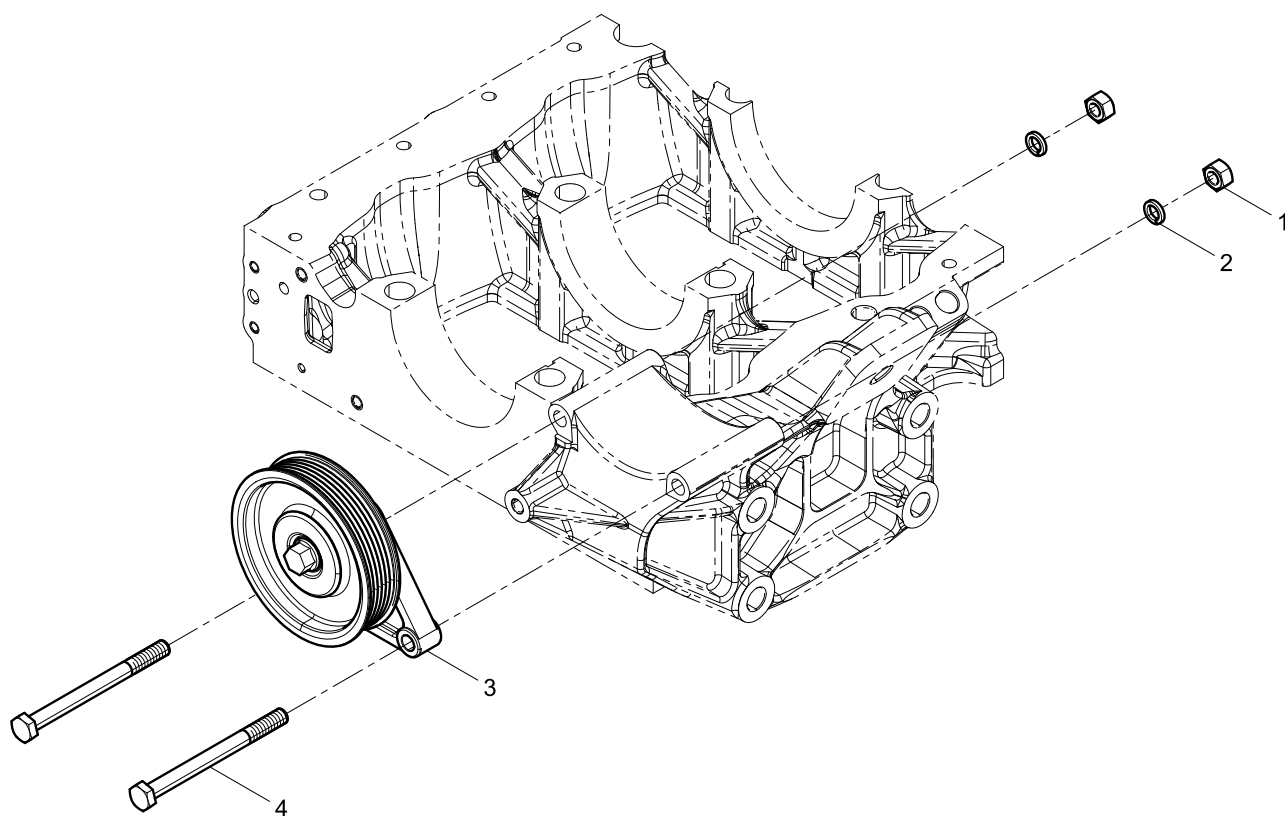
发电机支架结合组(Generator Bracket Group)



发电机支架结合组(Generator Bracket Group)

[illegible]

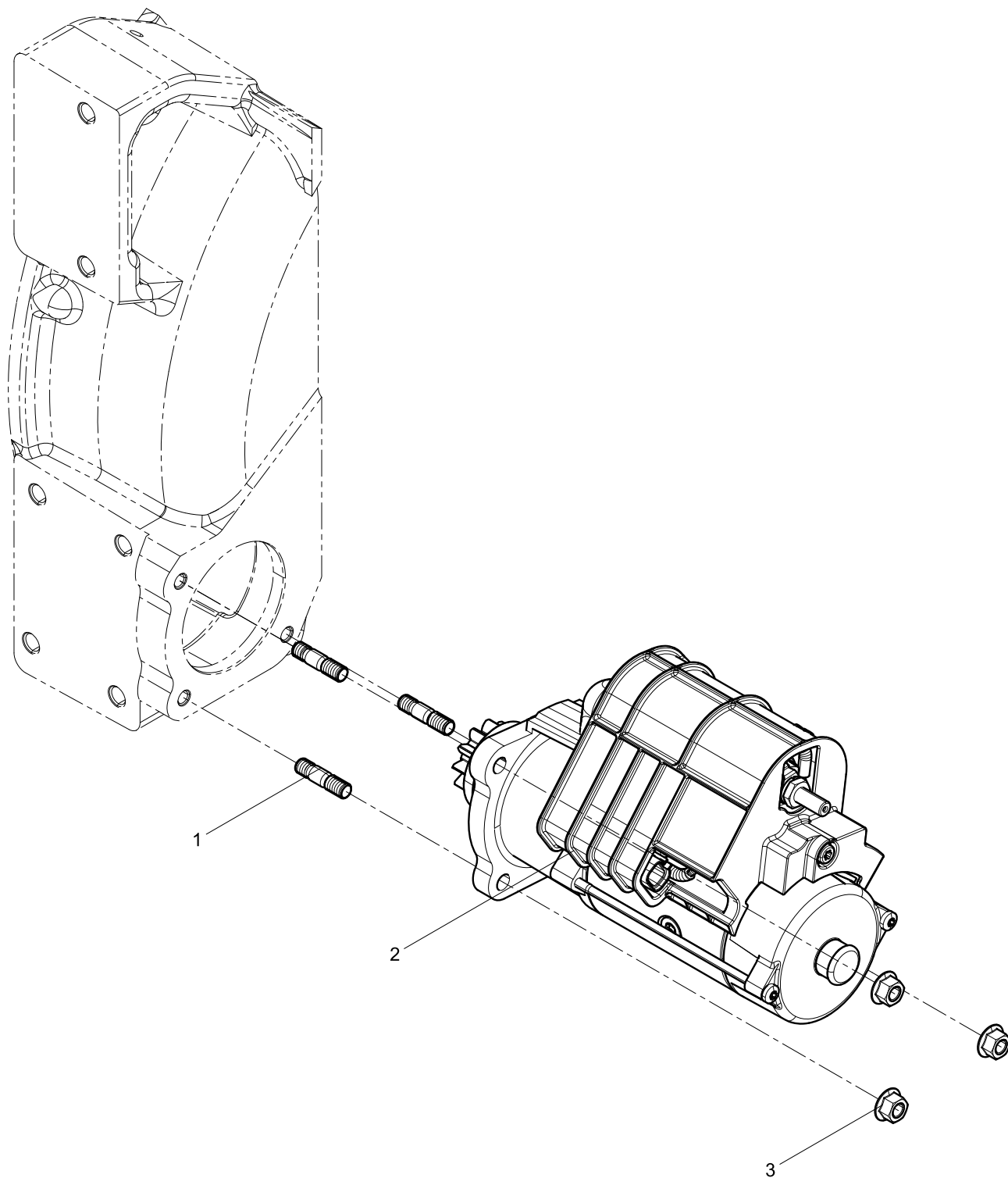
空调压缩机结合组(Air Conditionning Compressor Group)



[illegible]

起动机结合组(Starter Motor Group)

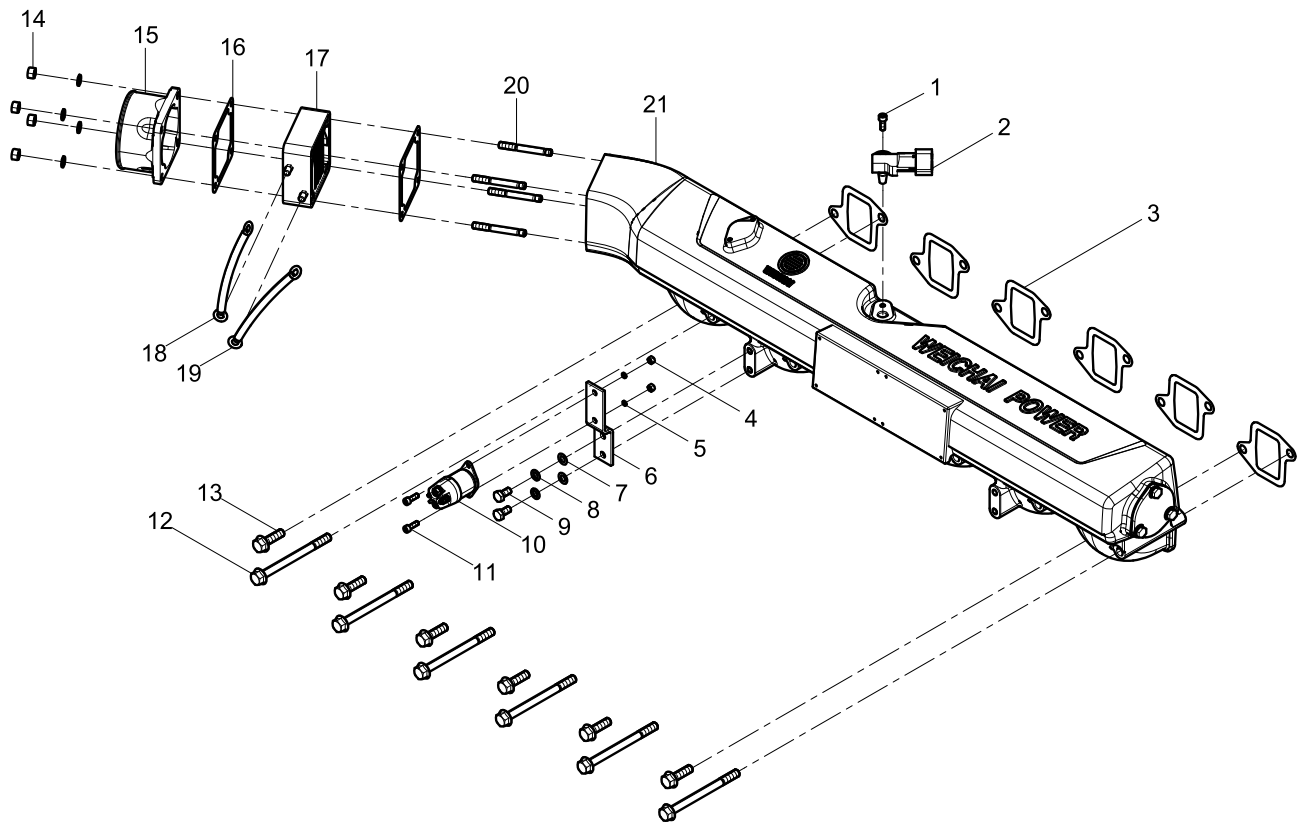
115



起动机结合组(Starter Motor Group)

[illegible]

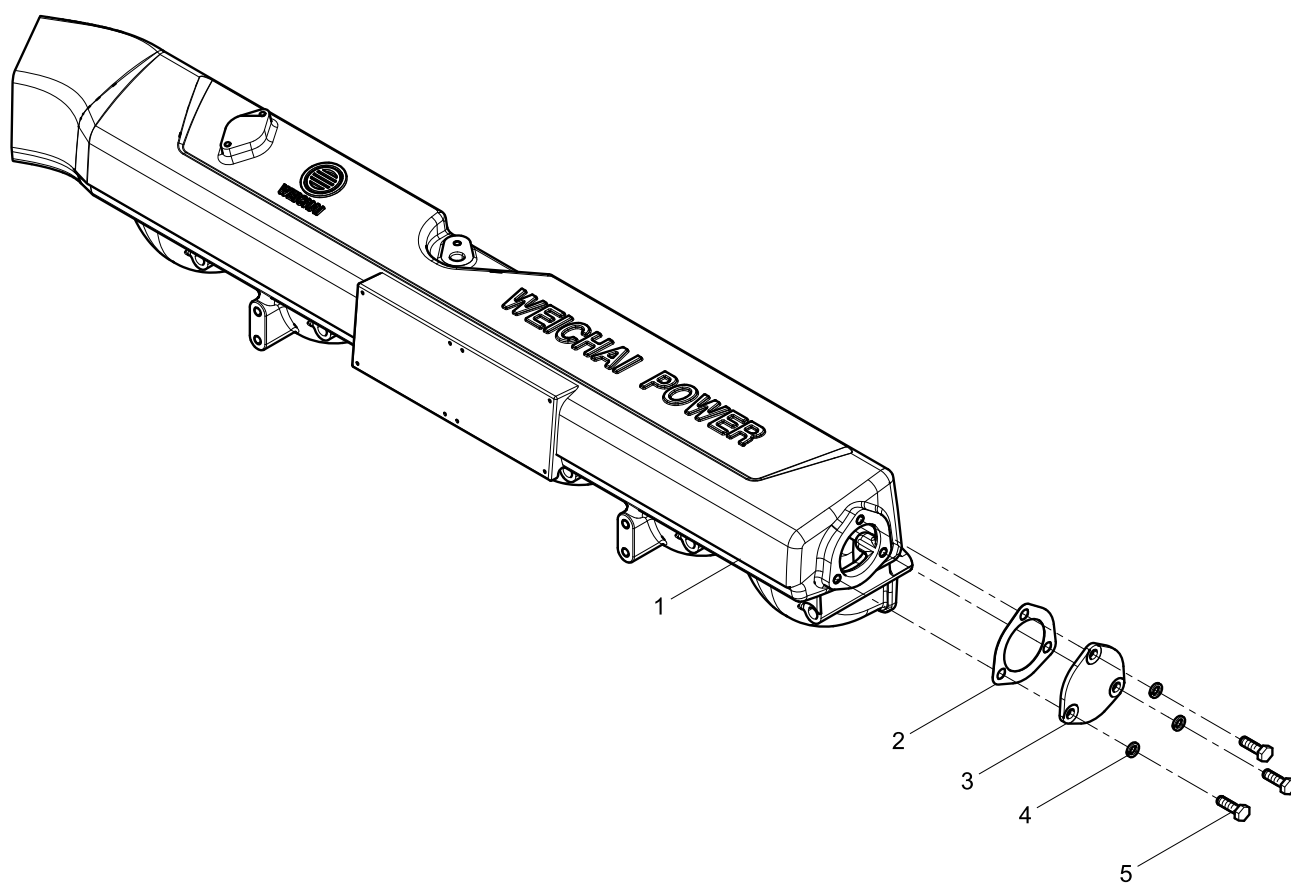
进气管结合组(Intake Manifold Group)



进气管结合组(Intake Manifold Group)

图序号 Pos.	件号 Teile.Number	数量 Amount	中文名称 Denomination	英文名称 Designation
1	90013050006	1	内六角圆柱头螺钉	Inner hexagon screw
2	612630120004	1	压力温度传感器	Pressure and Temperature Sensor
3	612630120005	6	垫片	Gasket
4	90012210018	2	1型六角螺母	Hexagon nut (I)
5	90014030004	2	大垫圈	Plain Washer, Large Series
6	612630120205	1	支架	Bracket
7	90014040007	2	平垫圈	Flat washer
8	90003932023	6	波形弹性垫圈	Wave spiral washer
9	90003802411	2	六角头螺栓	Hexagon bolt
10	612630080076	1	进气加热继电器	
11	90013050033	2	内六角圆柱头螺钉	Inner hexagon screw
12	612639000003	6	六角头螺栓	Hexagon bolt
13	612639000002	6	六角头螺栓	Hexagon bolt
14	90003888451	4	2型全金属六角锁紧螺母	Prevailing Torque Type All-metal Hexagon Nut,
15	612600111755	1	进气接管	Air intake joint pipe
16	612630120002	2	垫片	Gasket
17	612630120003	1	加热器	Heater
18	612600081782	1	进气加热器负极搭铁线	
19	612600090661	1	加热系统线束	
20	90003813470	4	双头螺柱	Stud
21	612630120220	1	进气管总成	Air inlet pipe assembly

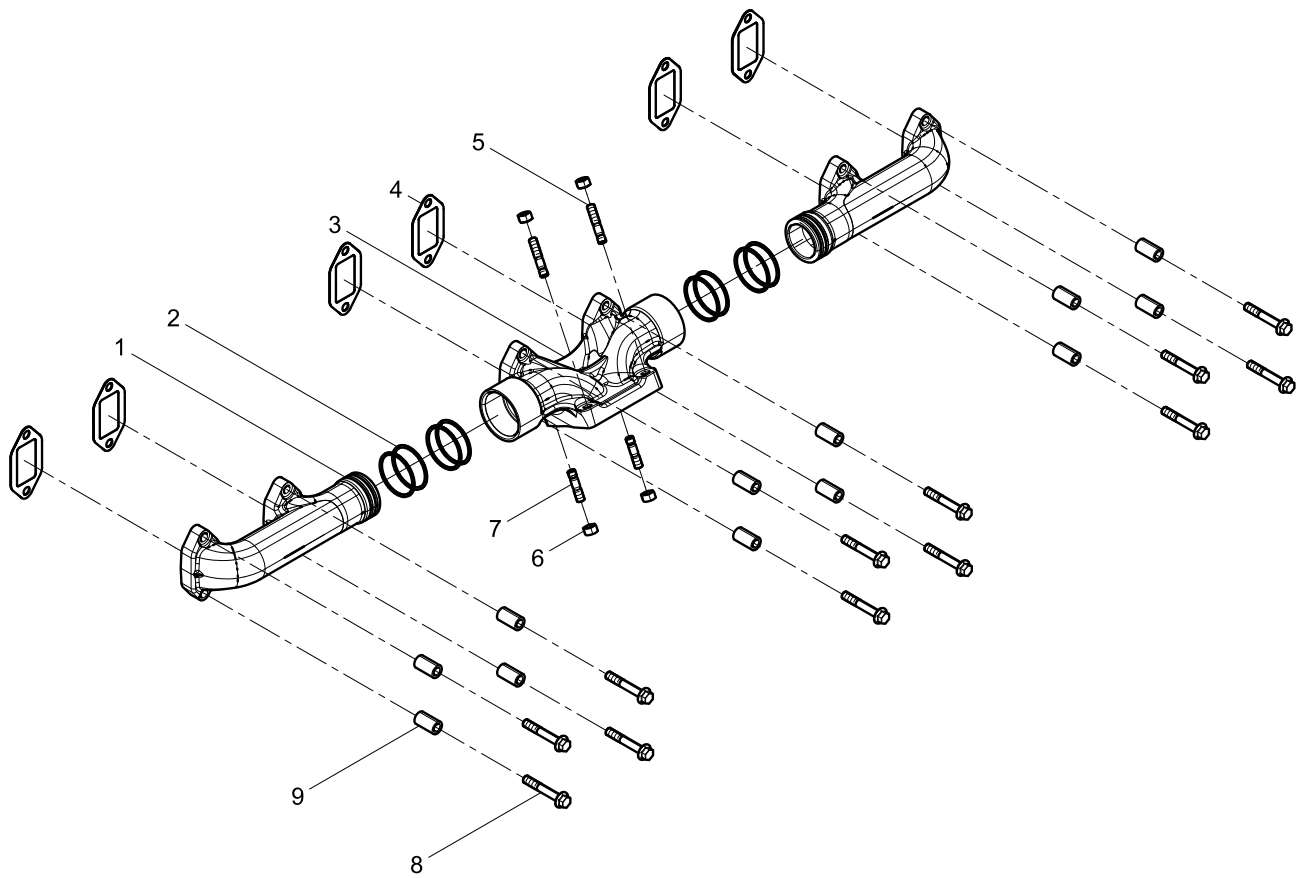
进气管总成(Air inlet pipe assembly)



进气管总成(Air inlet pipe assembly)

[illegible]

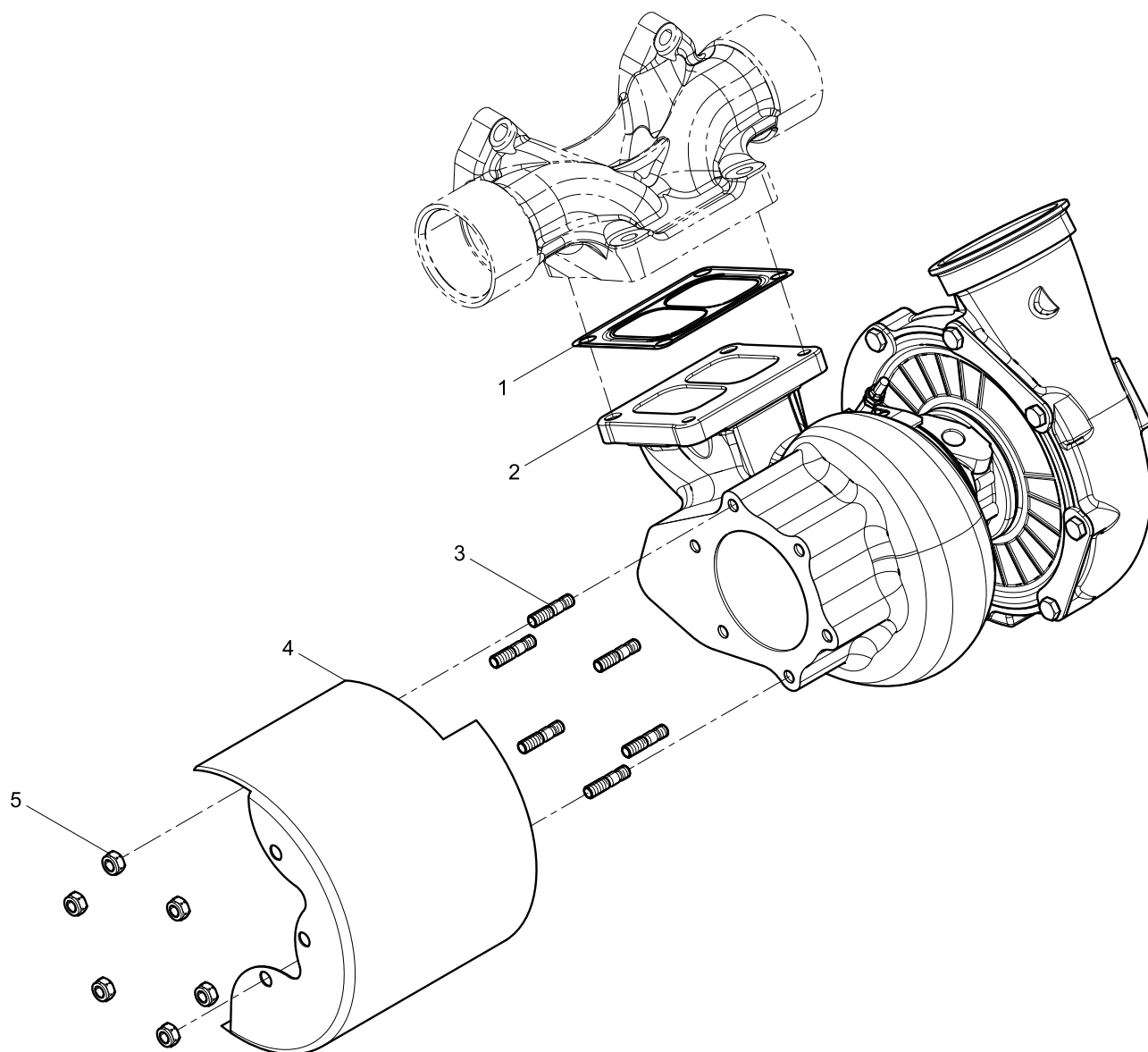
排气管结合组(Exhaust Manifold Group)



排气管结合组(Exhaust Manifold Group)

[illegible]

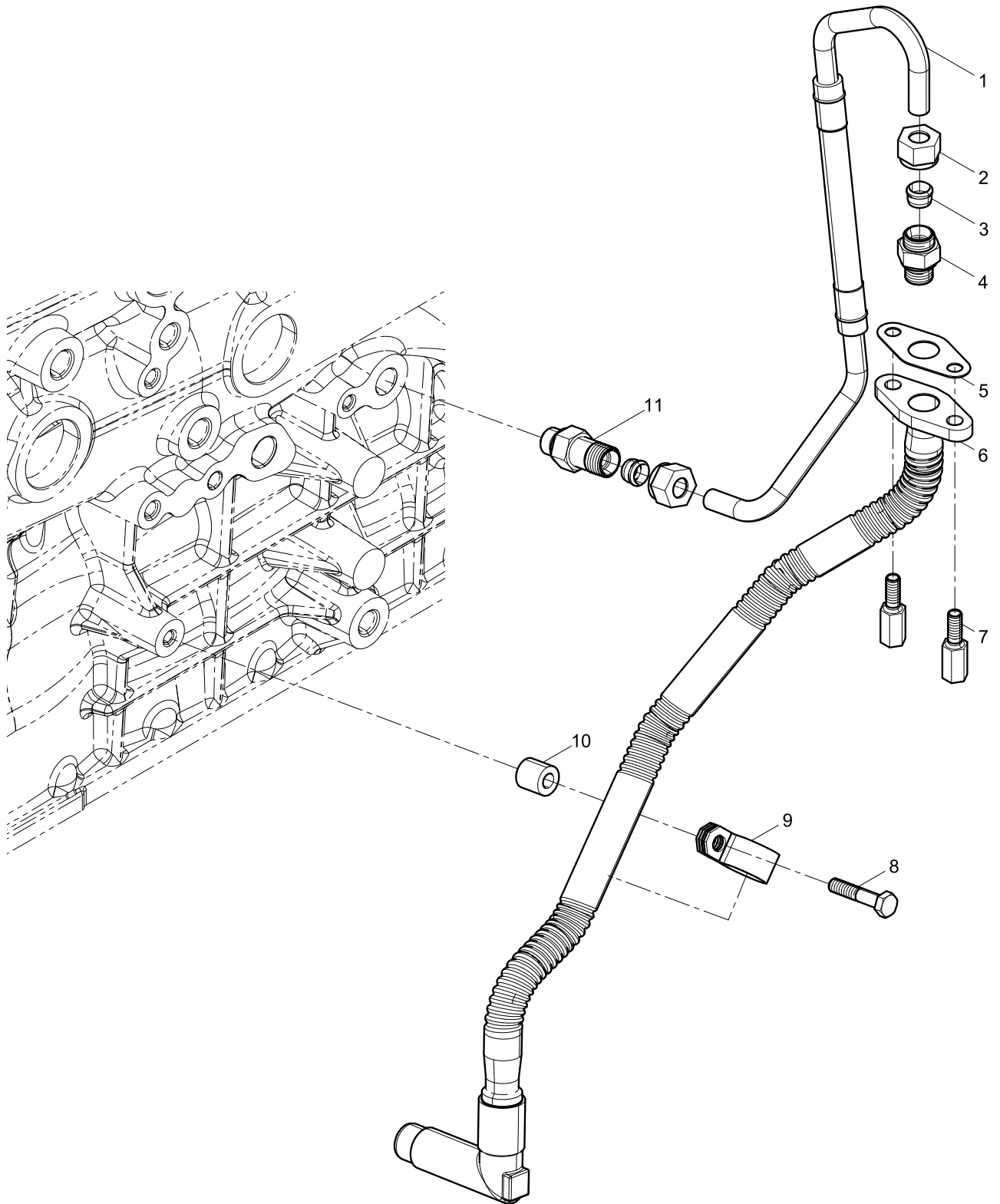
增压器结合组(Turbocharger Group)



增压器结合组(Turbocharger Group)

[illegible]

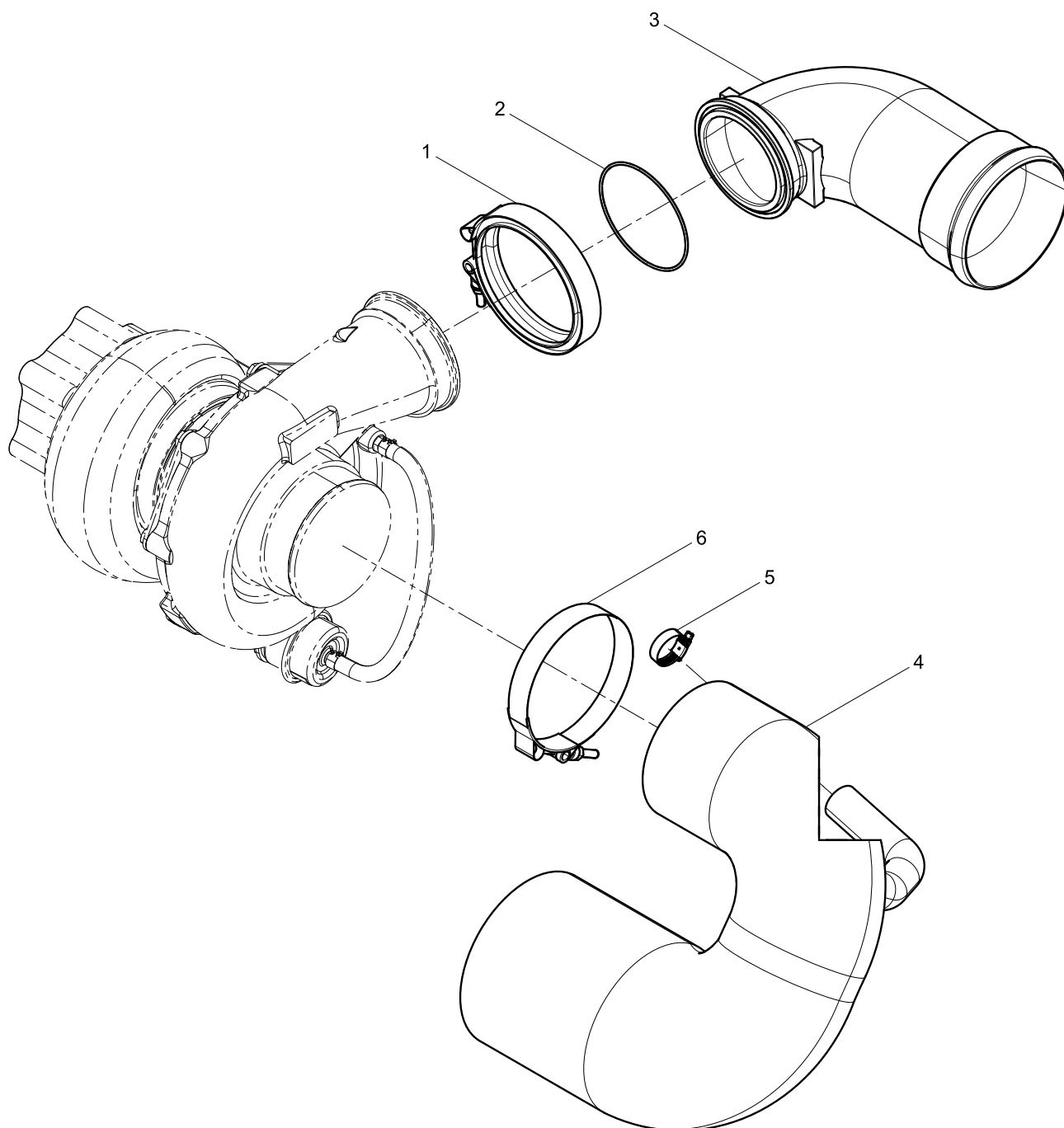
增压器润滑油管结合组(Turbocharger Oil pipe Group)



增压器润滑油管结合组(Turbocharger Oil pipe Group)

[illegible]

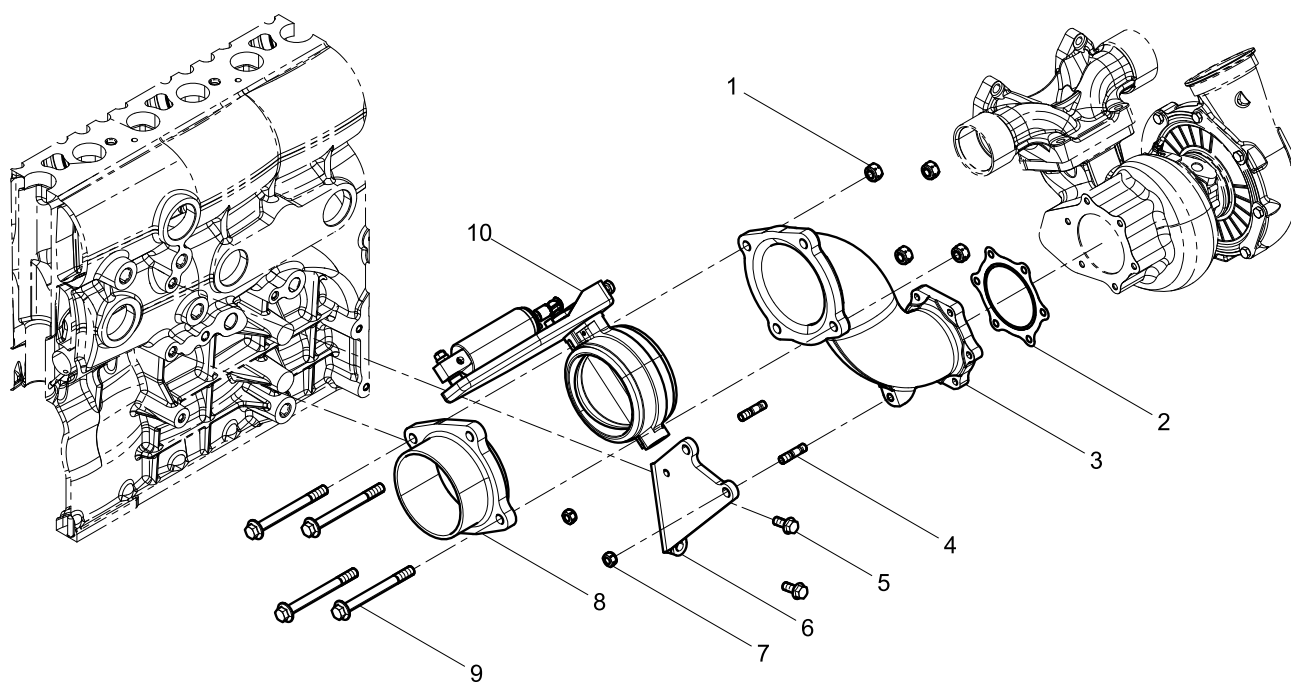
压气机管路结合组(Compressor Pipeline Group)



压气机管路结合组(Compressor Pipeline Group)

[illegible]

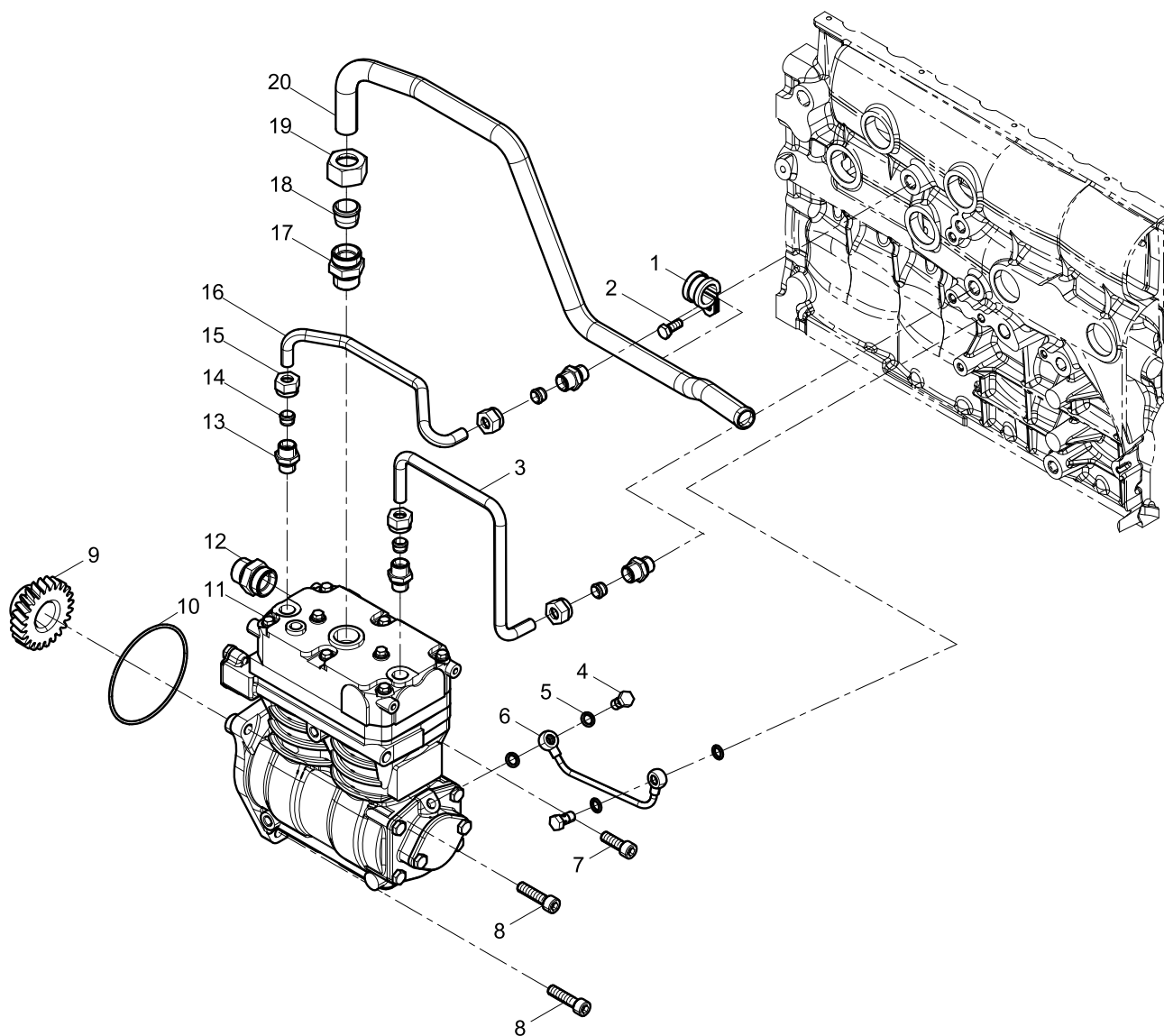
后排气管结合组(Rear Exhaust Manifold Group)



后排气管结合组(Rear Exhaust Manifold Group)

[illegible]

空压机结合组(Air Compressor Group)

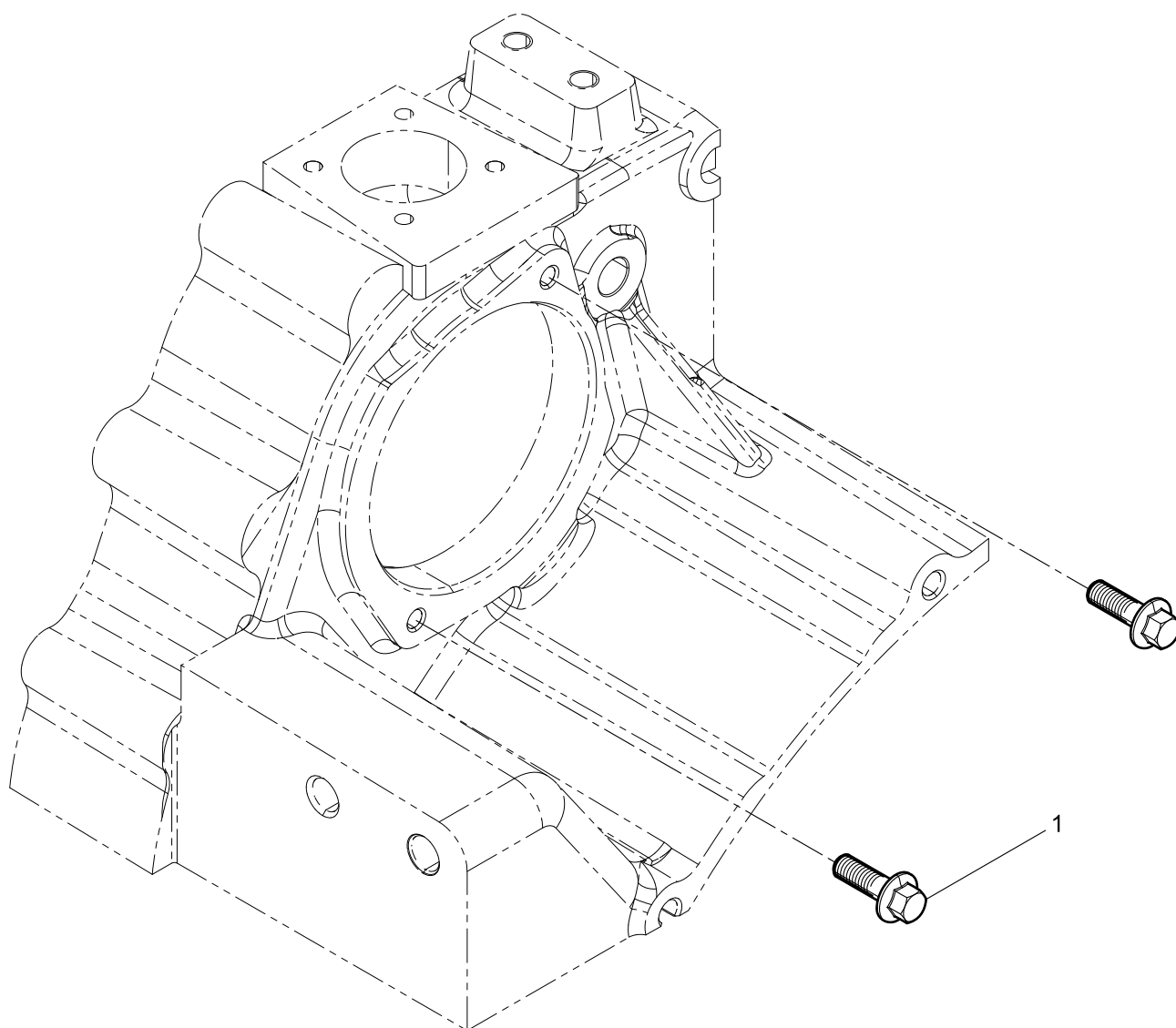


空压机结合组(Air Compressor Group)

图序号 Pos.	件号 Teile.Number	数量 Amount	中文名称 Denomination	英文名称 Designation
1	612600111639	1	管夹总成	Pipe Clamp Assembly
2	90003802419	1	六角头螺栓	Hexagon bolt
3	612630030036	1	空压机进水管	Water inlet pipe of air compressor
4	612630030055	2	空心螺栓	Hollow bolt
5	612600080246	4	密封垫圈	Seal washer
6	612630030037	1	双缸空压机机油管	
7	90003862532S	1	内六角圆柱头螺钉	Inner hexagon screw
8	90013550004S	2	内六角圆柱头螺钉	Inner hexagon screw
9	612630030032	1	空压机齿轮	Air compressor gear
10	612639000039	1	O型密封圈	O shaped seal washer
11	612630030047	1	双缸空气压缩机	
12	612600130275	1	空压机出气接头	
13	612639000057	4	双管接头	
14	90003559563	4	卡套	Cutting sleeve
15	612639000022	4	联接螺母	
16	612630030034	1	空压机出水管	
17	612639000060	1	双管接头	
18	612639000082	1	卡套	Cutting sleeve
19	612639000041	1	管接螺母	Connector Nut
20	612630030033	1	空压机进气管	Air compressor Air-inlet Pipe

液压泵结合组(Hydraulic Pump Group)

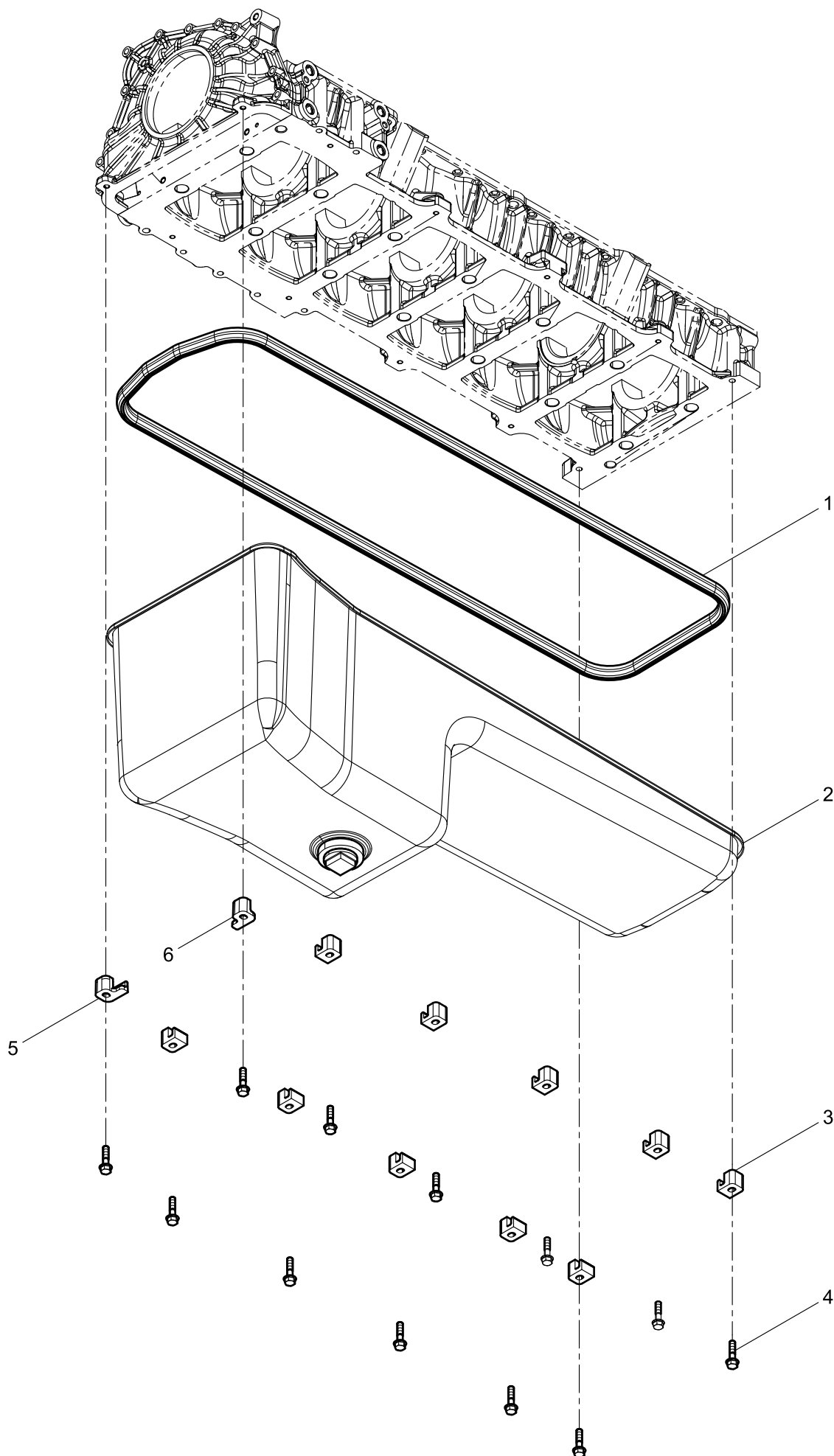
133



液压泵结合组(Hydraulic Pump Group)

[illegible]

油底壳结合组(Oil Pan Group)

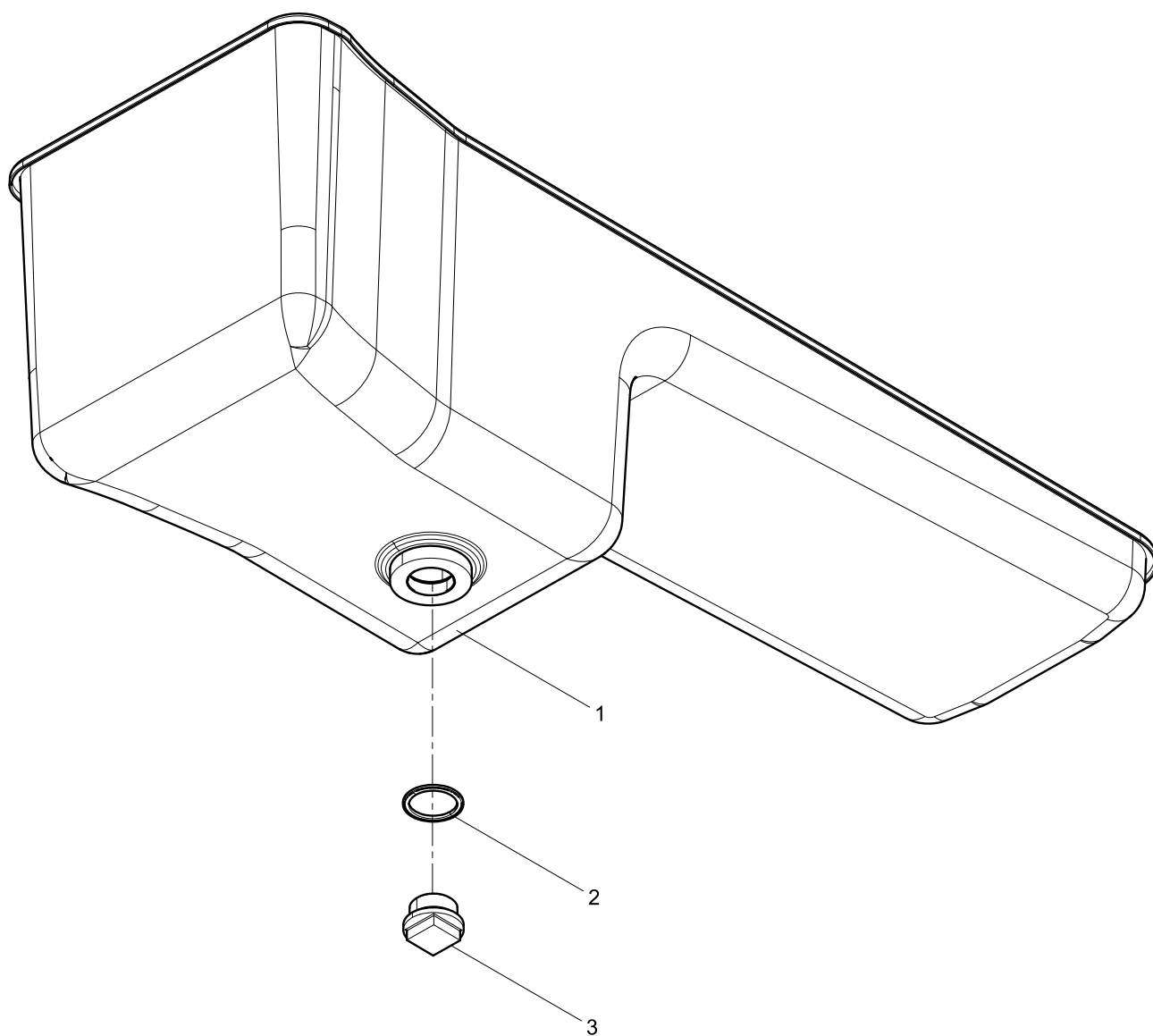


油底壳结合组(Oil Pan Group)

[illegible]

油底壳总成(Oil Pan Assembly)

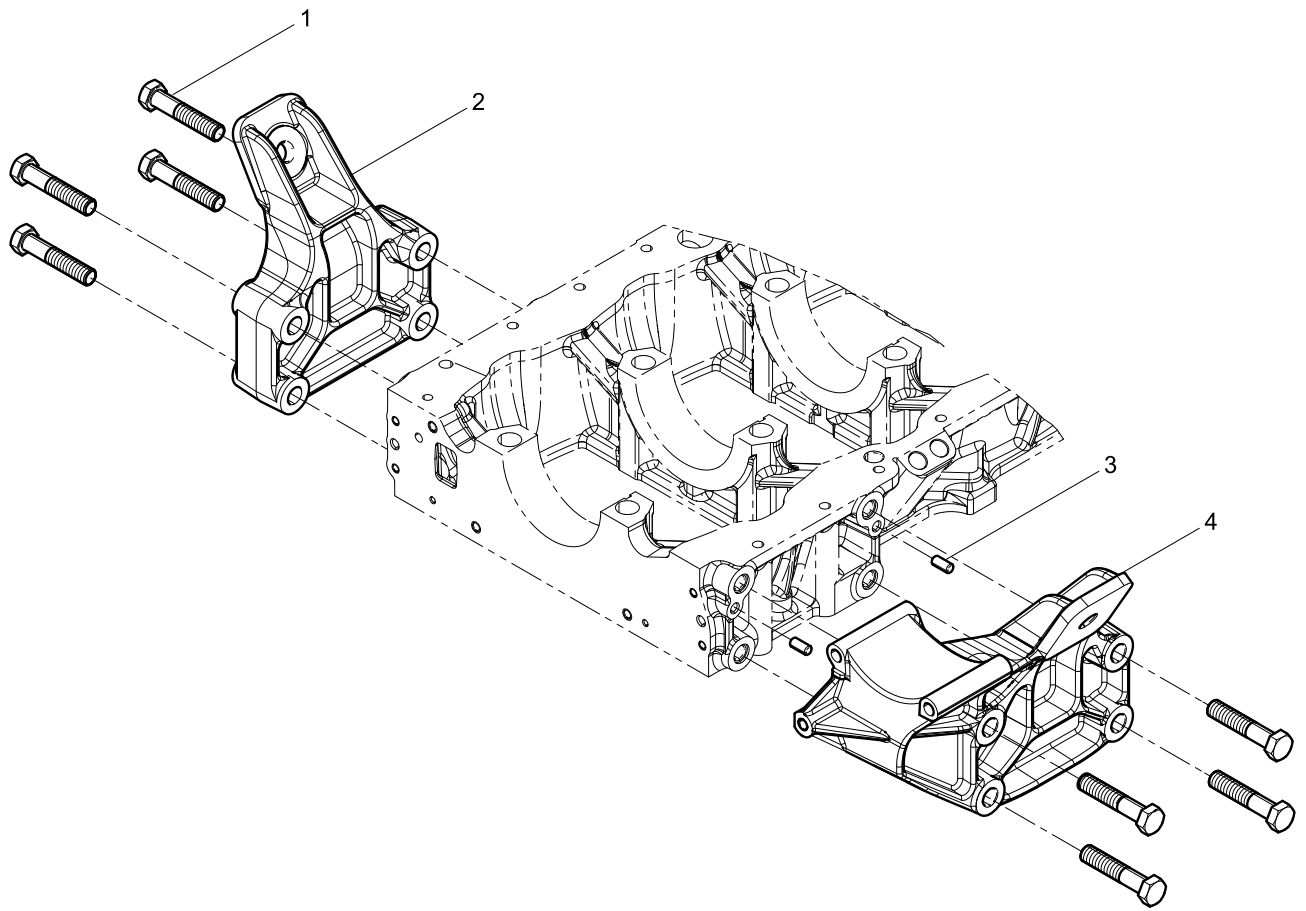
137



油底壳总成(Oil Pan Assembly)

[illegible]

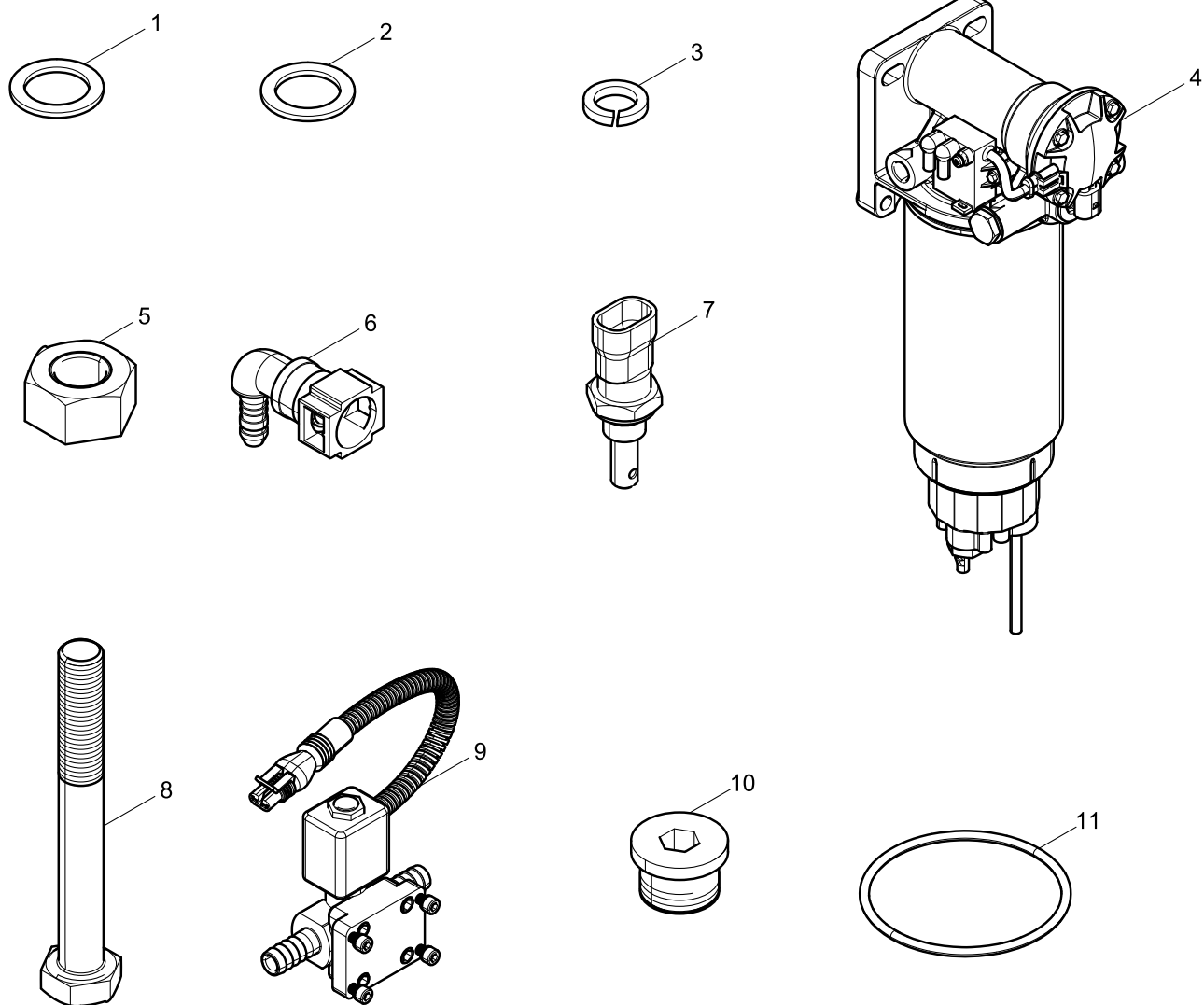
发动机支架结合组(Engine Bracket Group)



发动机支架结合组(Engine Bracket Group)

[illegible]

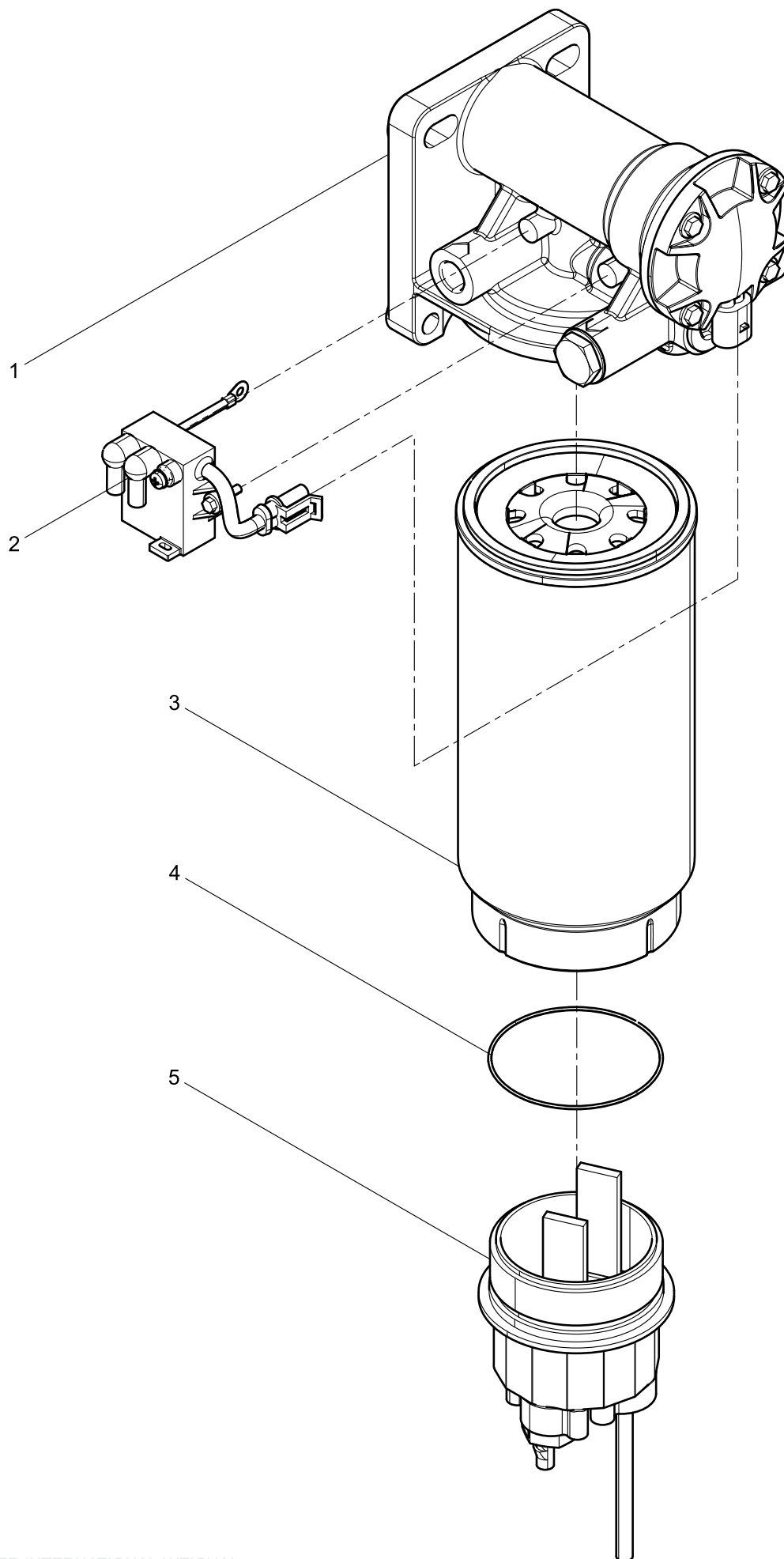
零件箱总成(Parts Kit Assembly)



零件箱总成(Parts Kit Assembly)

[illegible]

燃油水寒宝(Fuel System Protector)

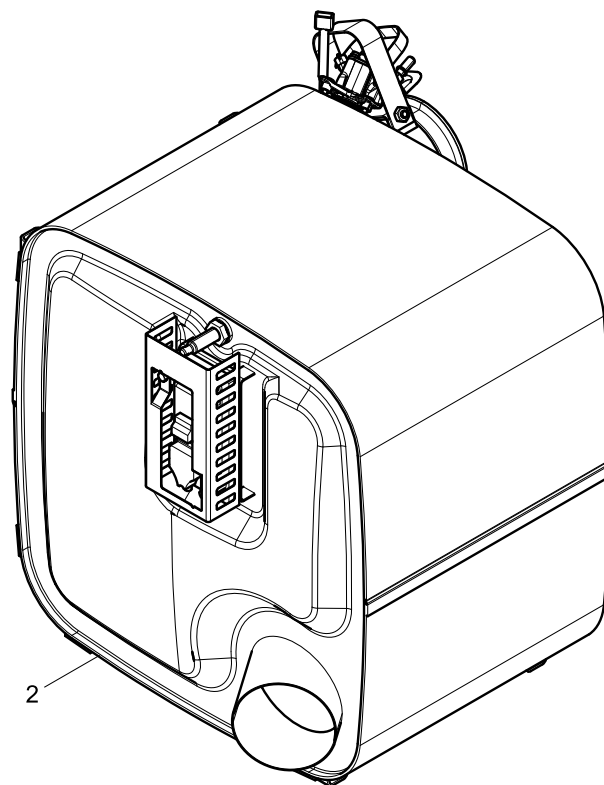
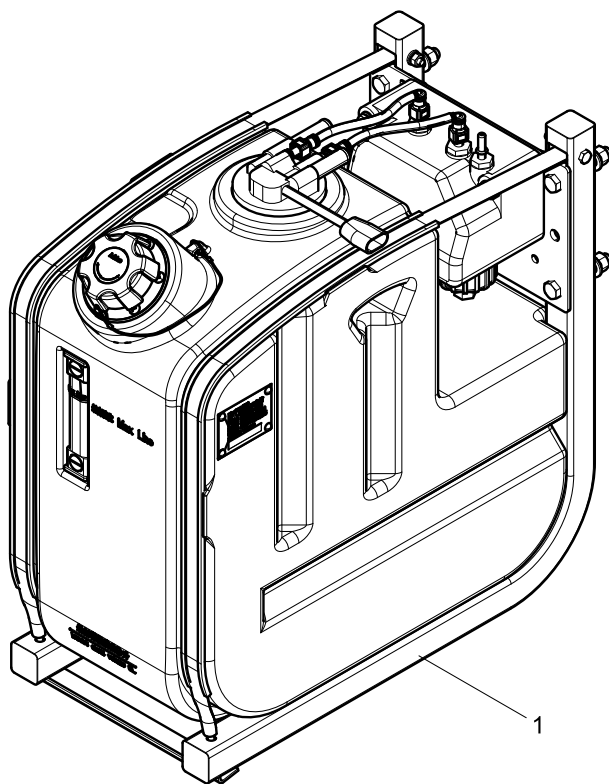


燃油水寒宝(Fuel System Protector)

[illegible]

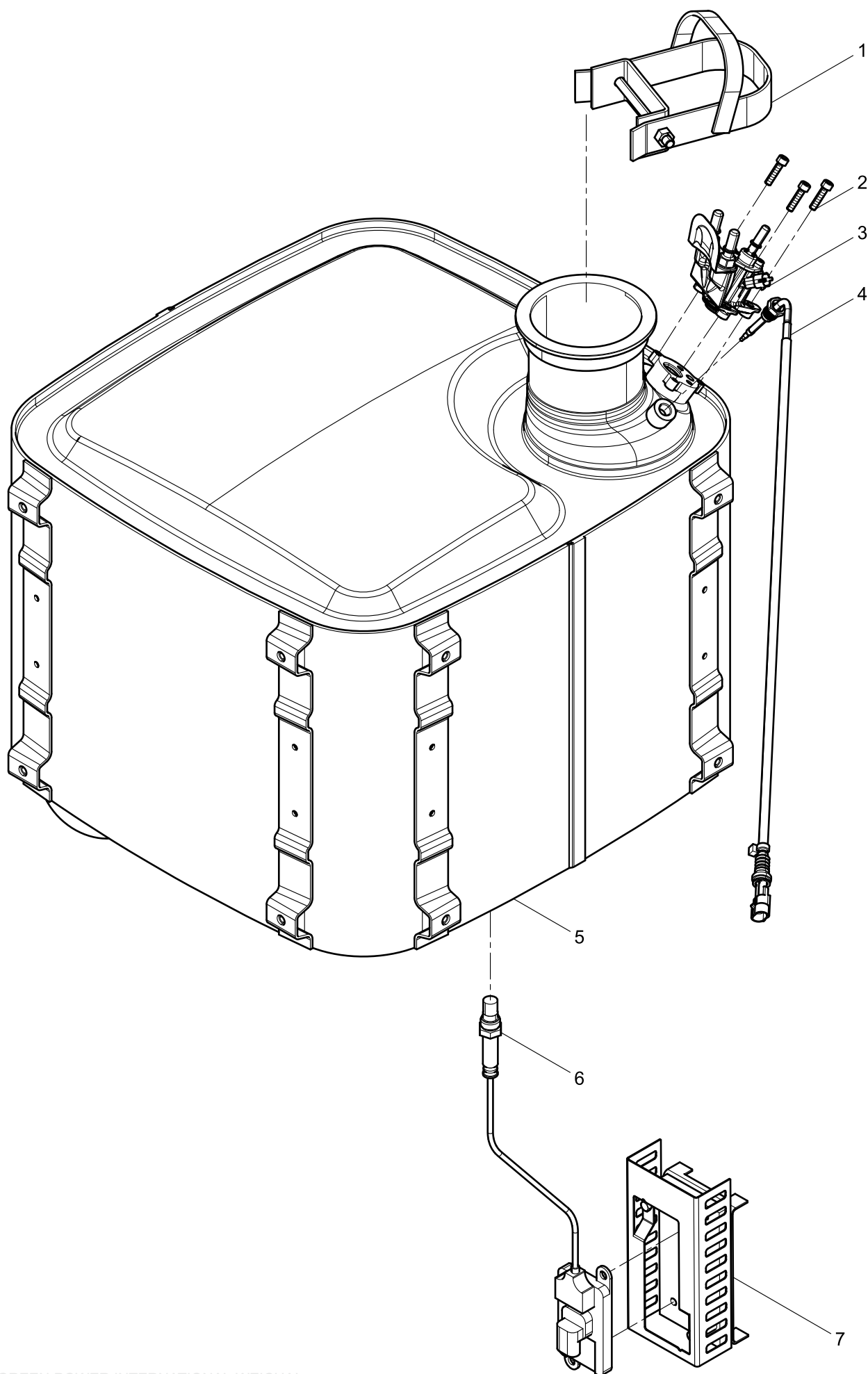
随机单发零件结合组(Single Transport Parts Attached to Engine Group)(*01)

145



[illegible]

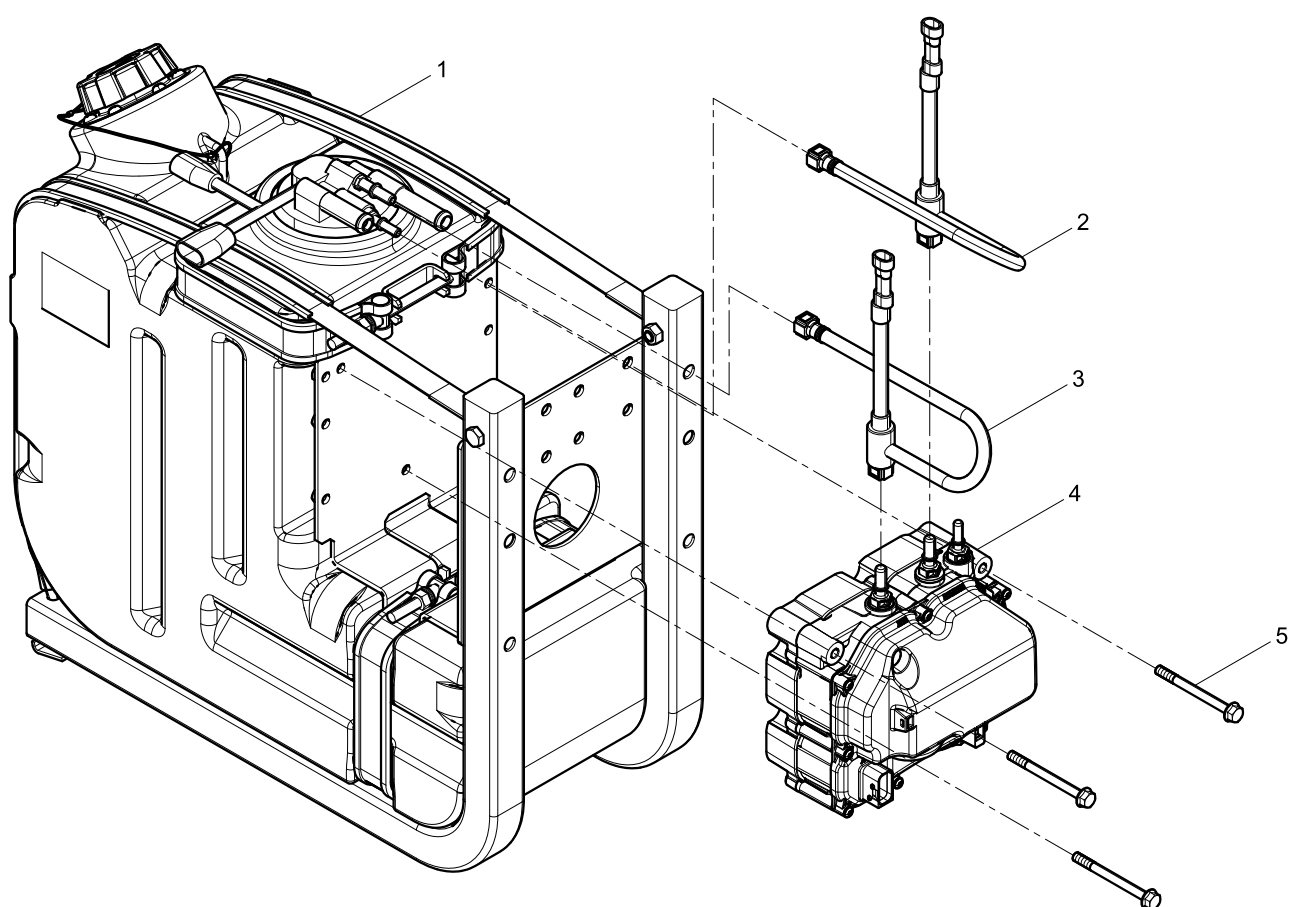
SCR箱总成()



SCR箱总成()

[illegible]

集成式尿素箱总成()

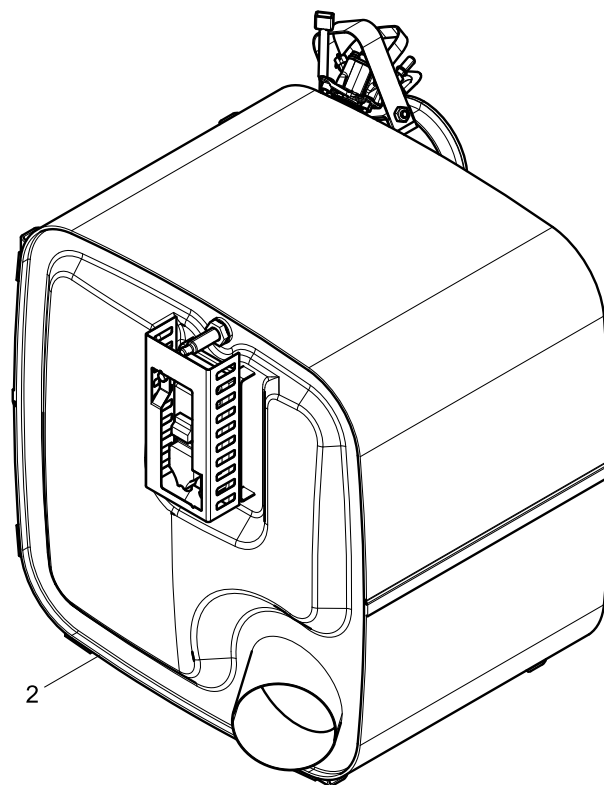
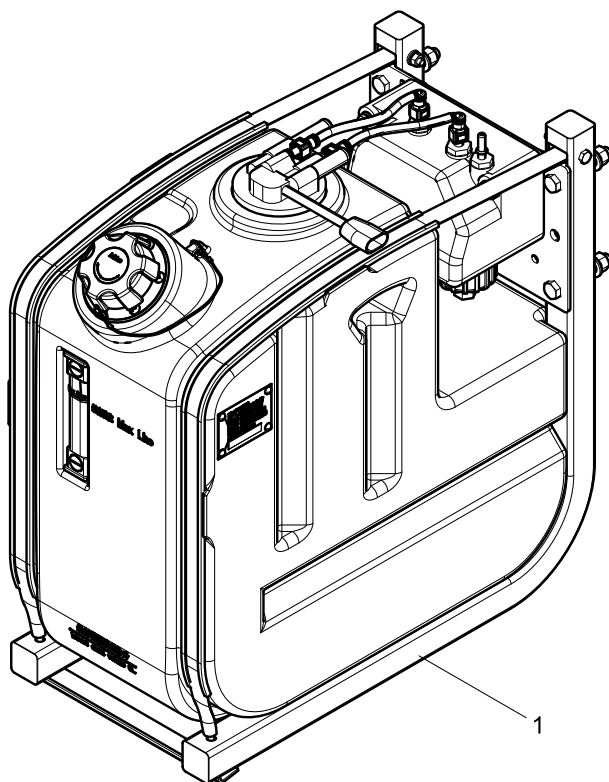


集成式尿素箱总成()

[illegible]

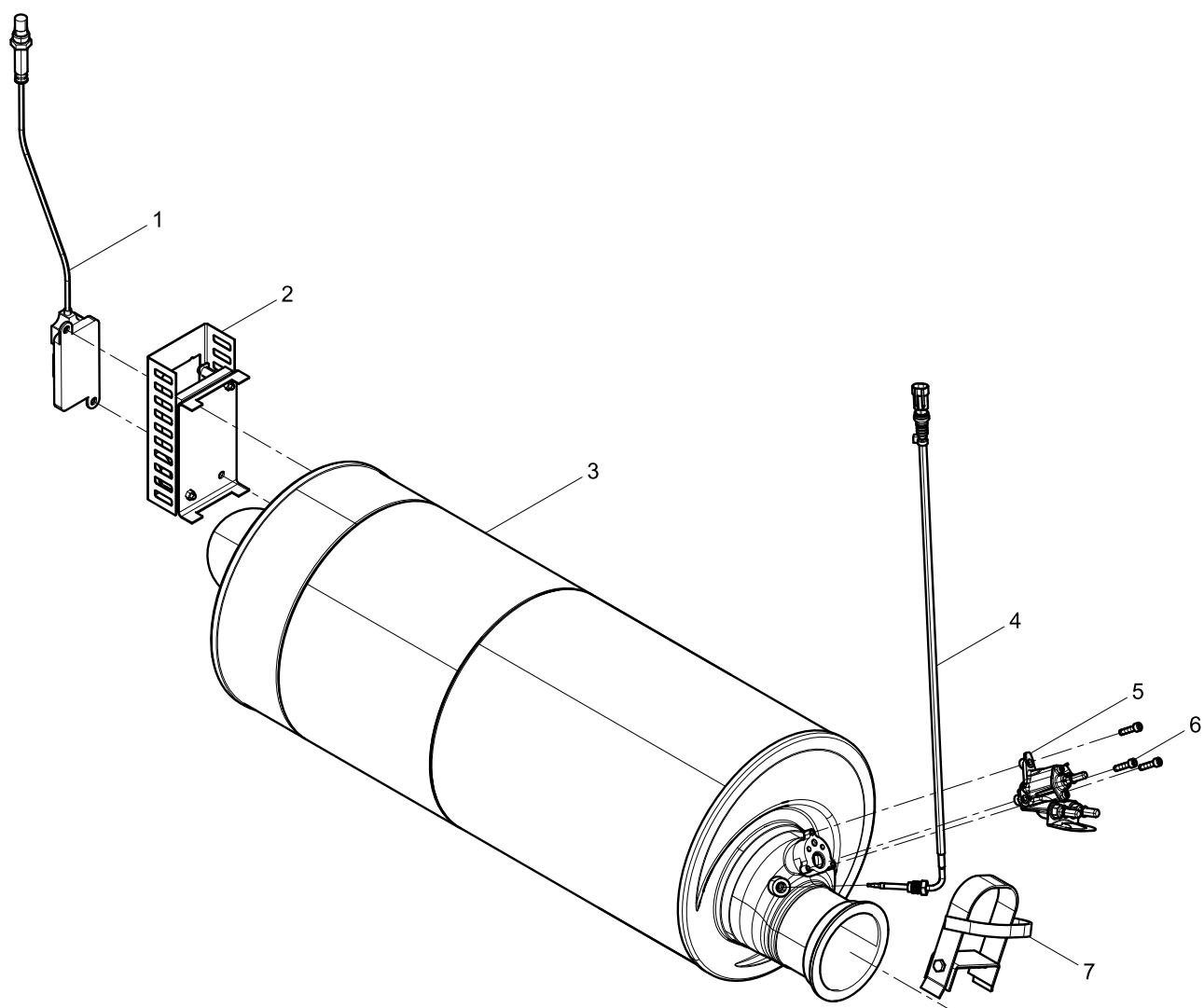
随机单发零件结合组(Single Transport Parts Attached to Engine Group)(*02)

151



[illegible]

SCR箱总成()



SCR箱总成()

[illegible]

潍柴动力股份有限公司
WEICHAI POWER CO., LTD.

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product parameters are subject to alteration
without notice,
whichever is the physical product