



DHP12Q0255

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
WEICHAIR 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>.

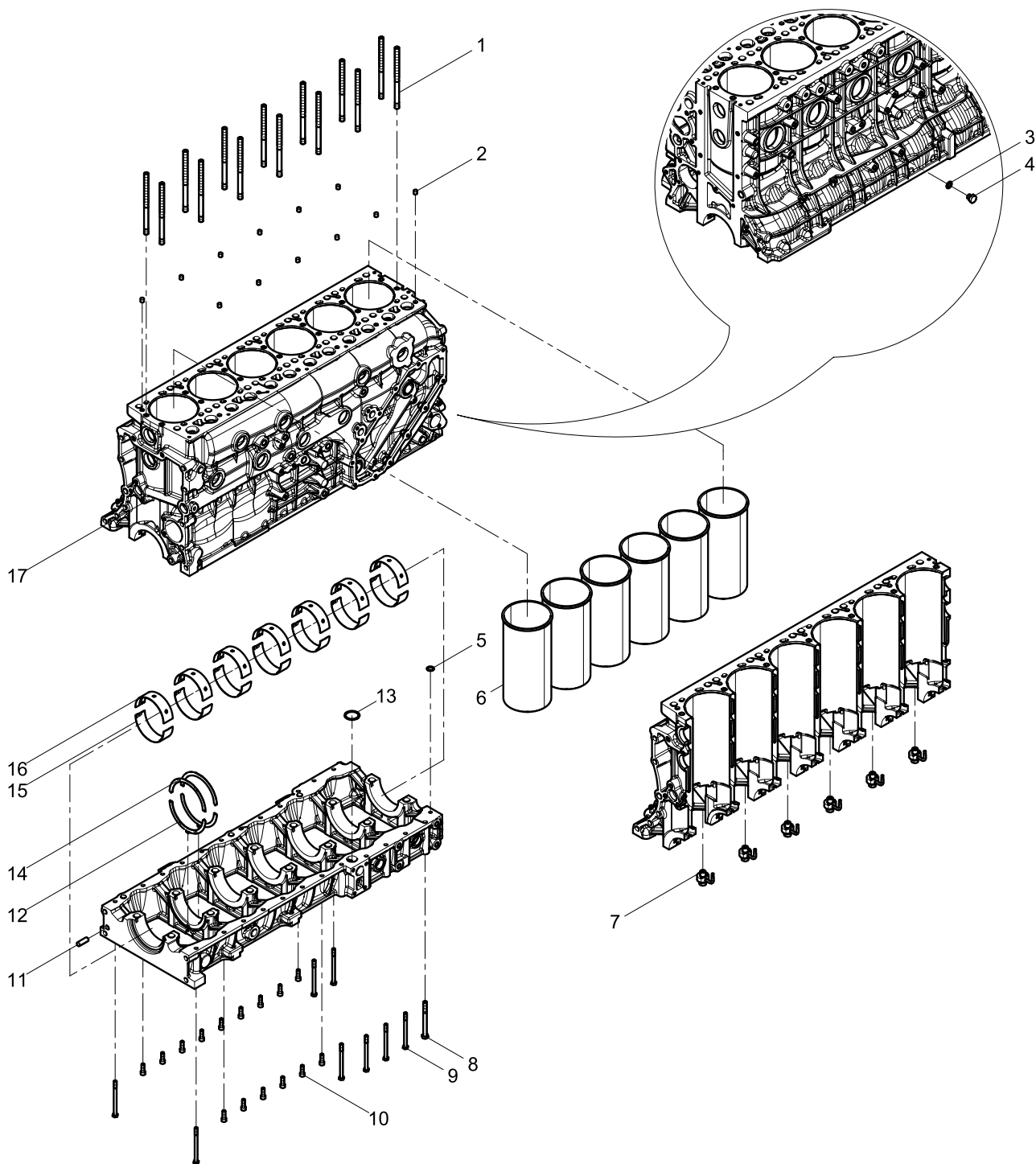
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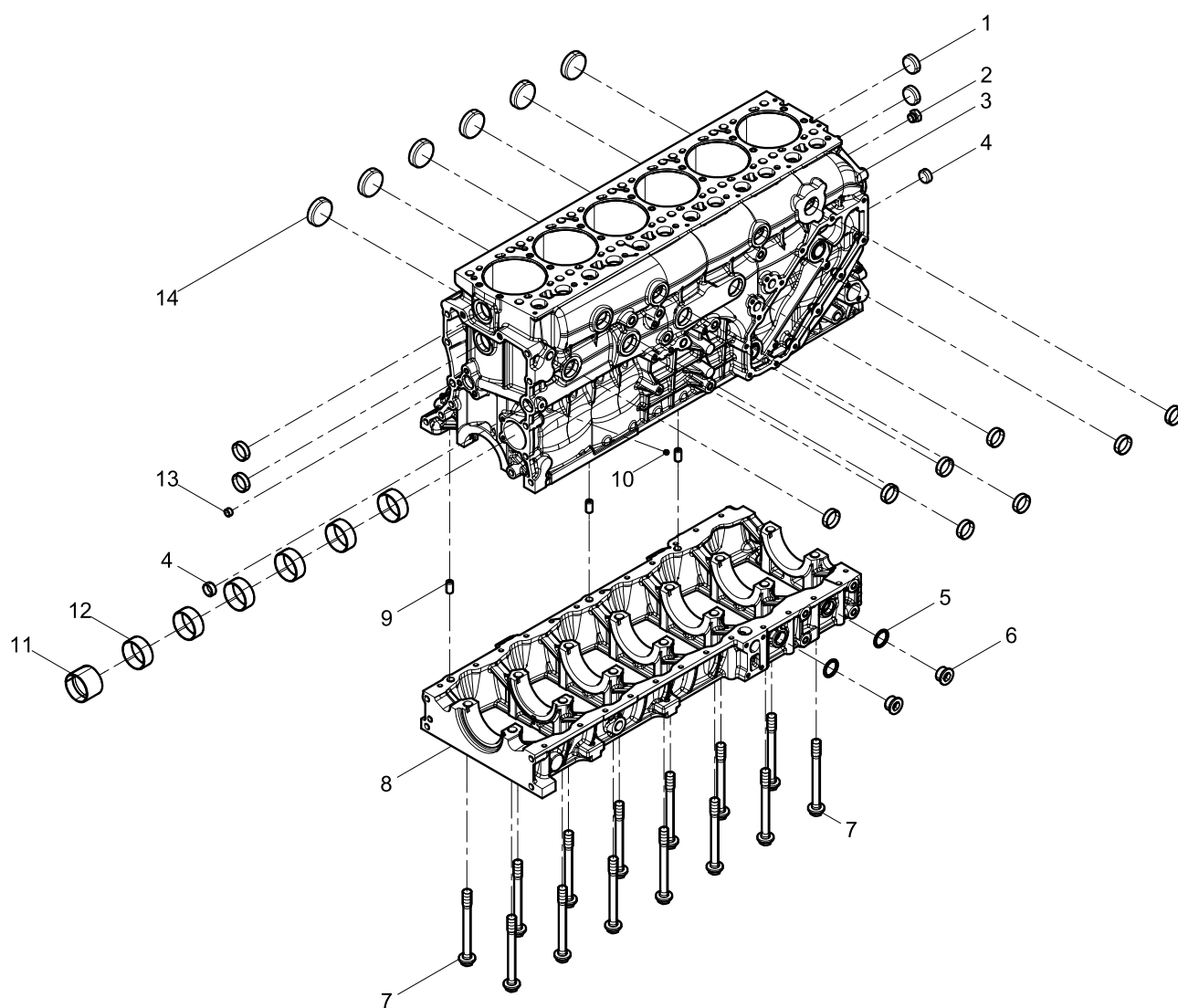
机体结合组(Engine Block Group)



机体结合组(Engine Block Group)

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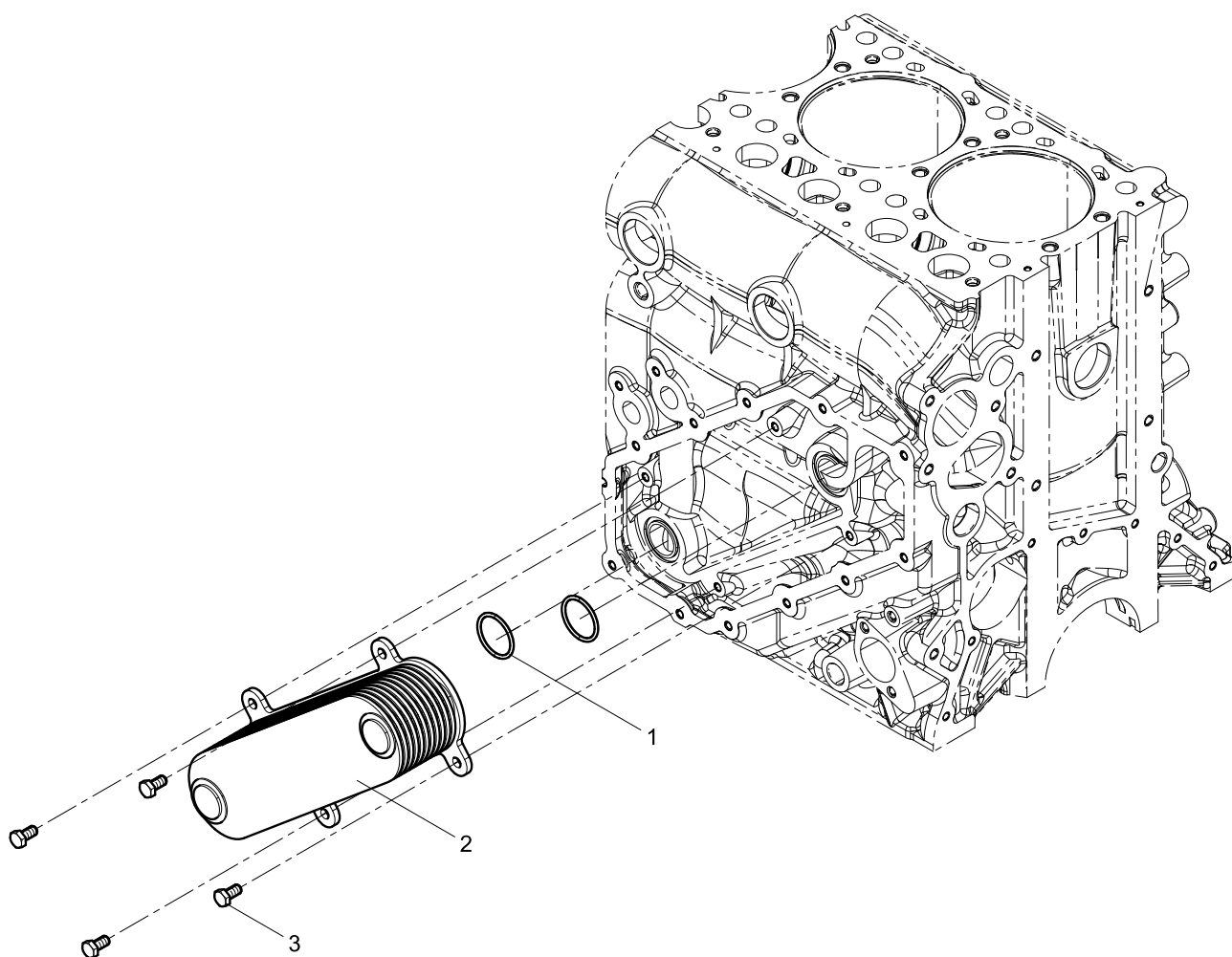
气缸体预装配(Pre-assembled cylinder block)



气缸体预装配(Pre-assembled cylinder block)

[illegible]

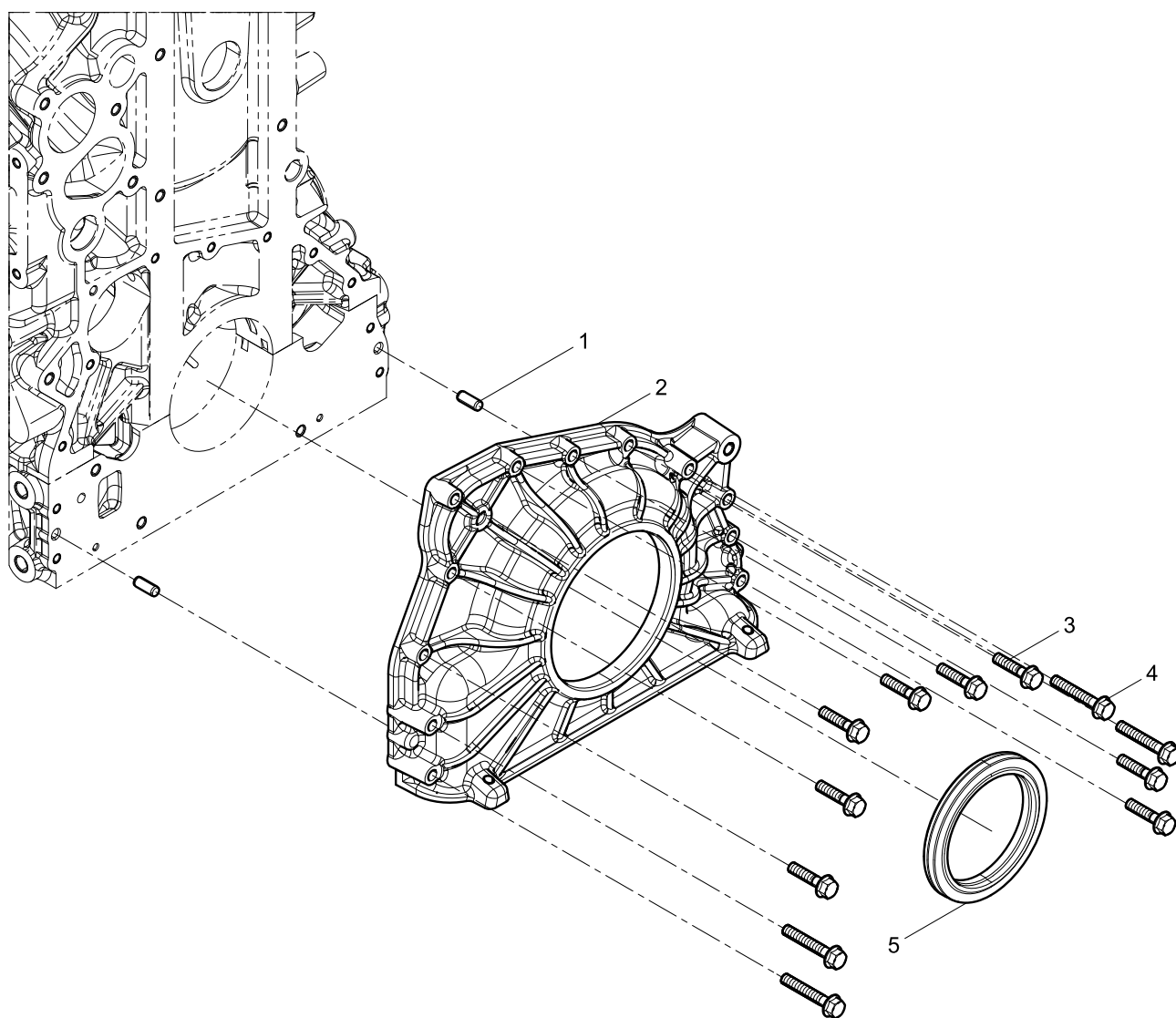
机油冷却器结合组(Oil cooler assembly)



机油冷却器结合组(Oil cooler assembly)

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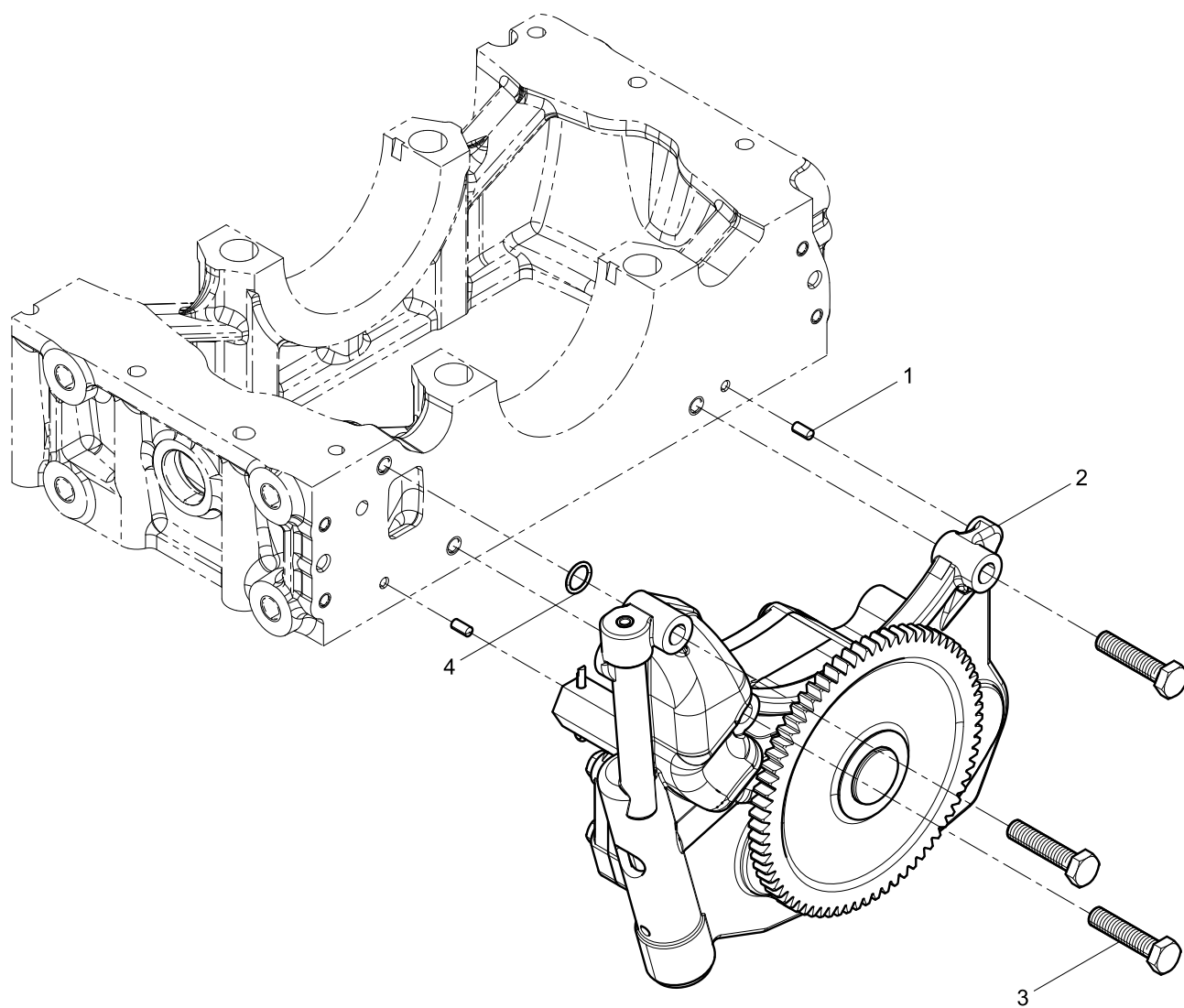
前端盖组件()



前端盖组件0

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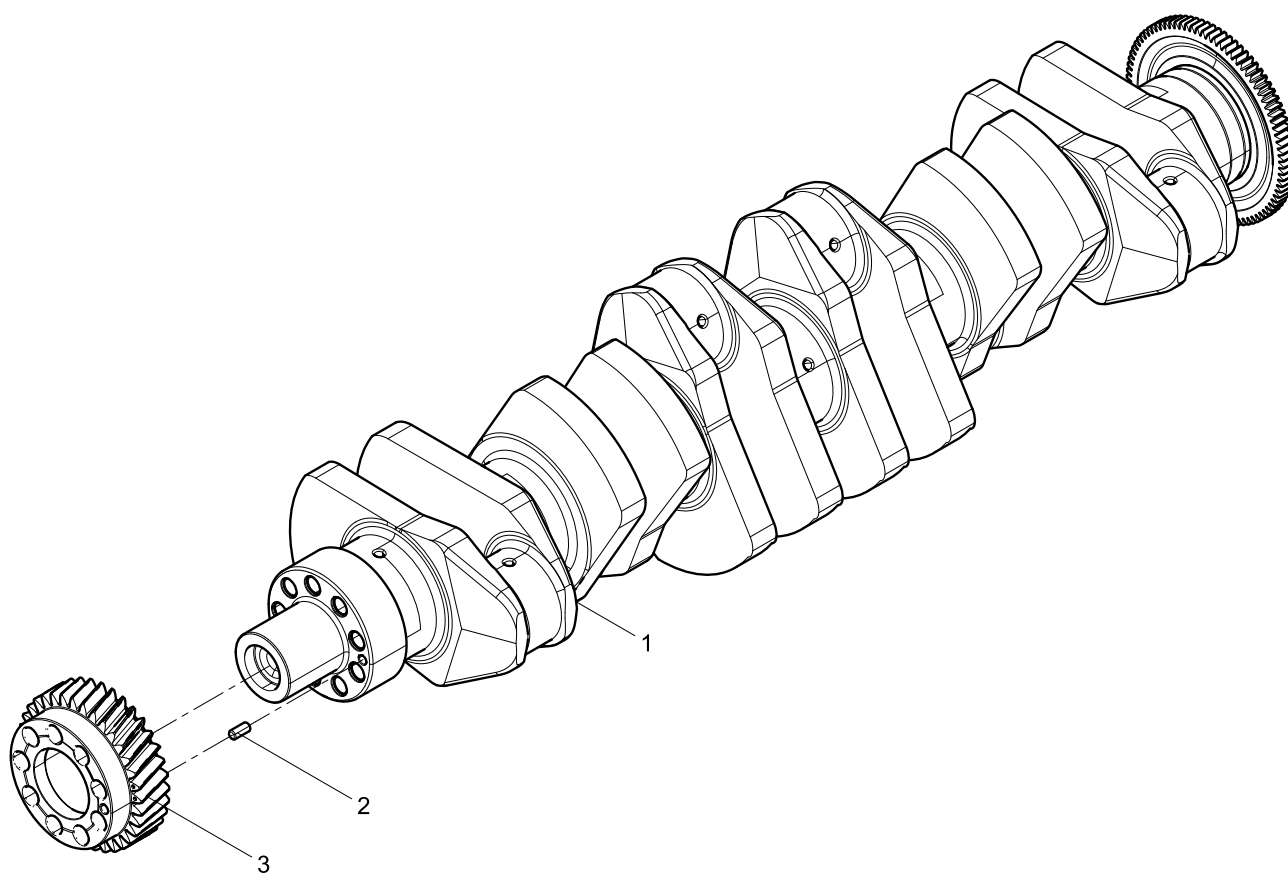
机油泵结合组(Oil pump assembly)



机油泵结合组(Oil pump assembly)

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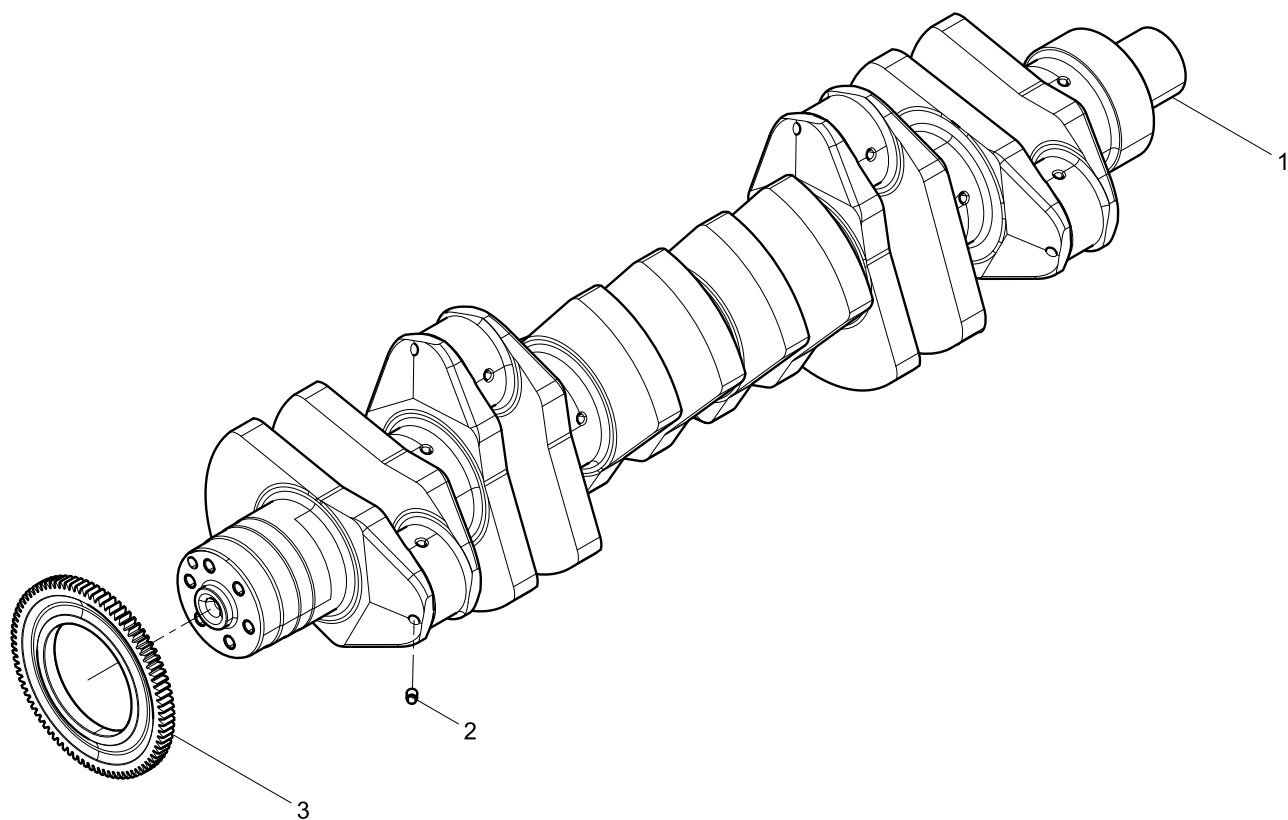
曲轴结合组(Crankshaft Group)



曲轴结合组(Crankshaft Group)

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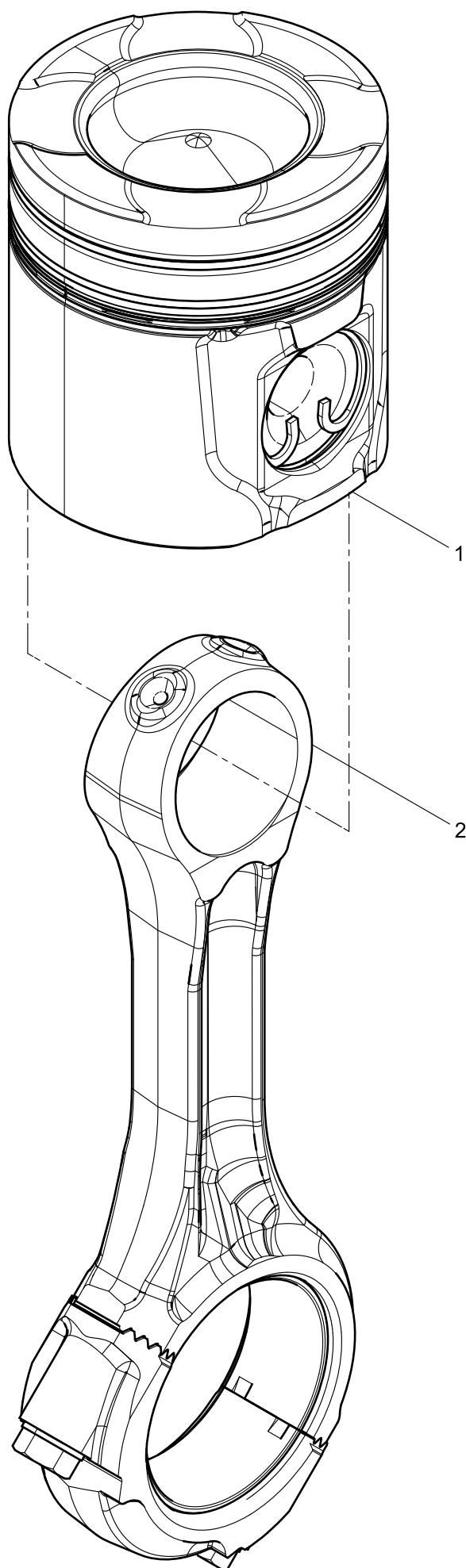
曲轴总成(Crankshaft assembly)



曲轴总成(Crankshaft assembly)

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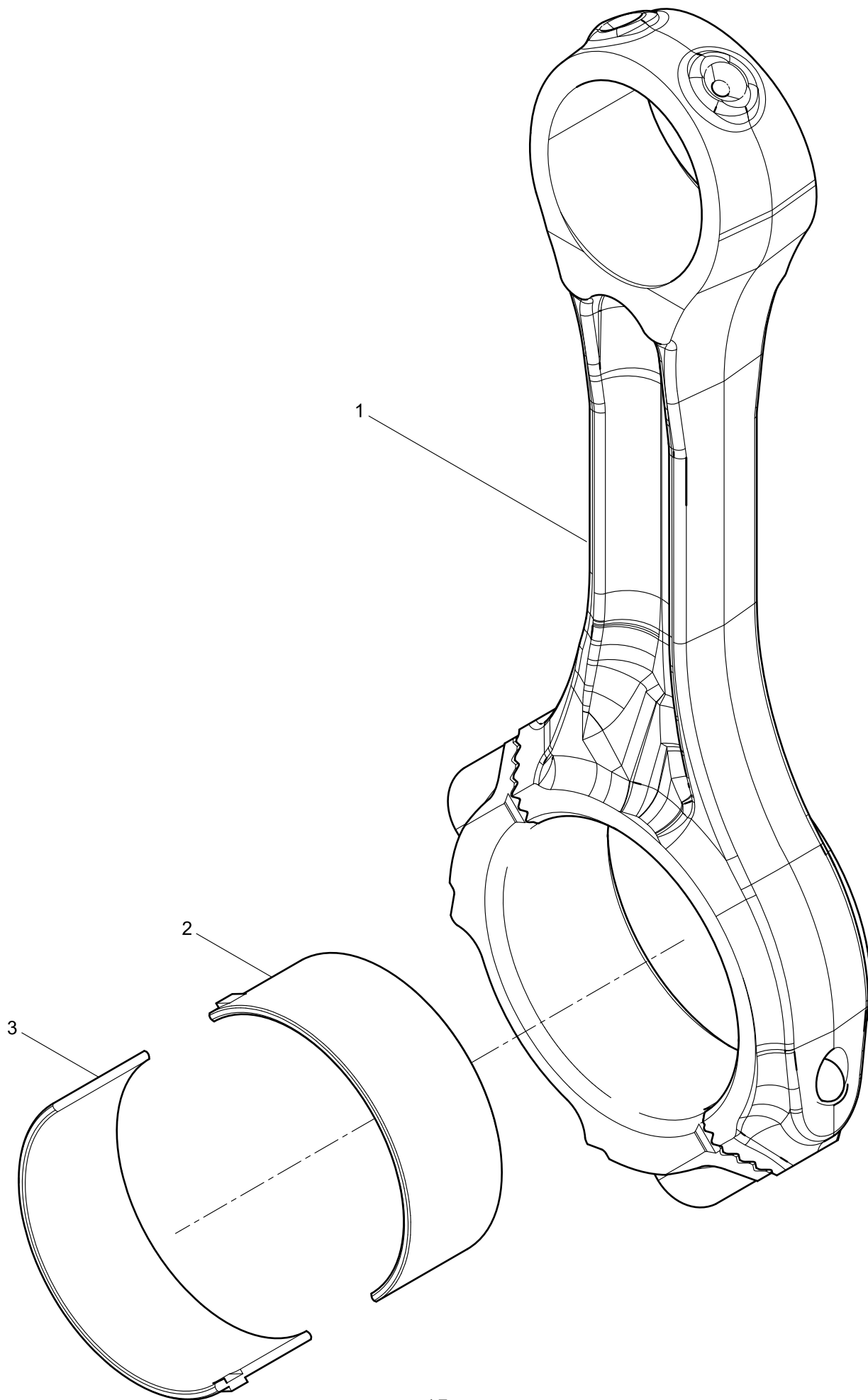
连杆与活塞结合组()



连杆与活塞结合组()

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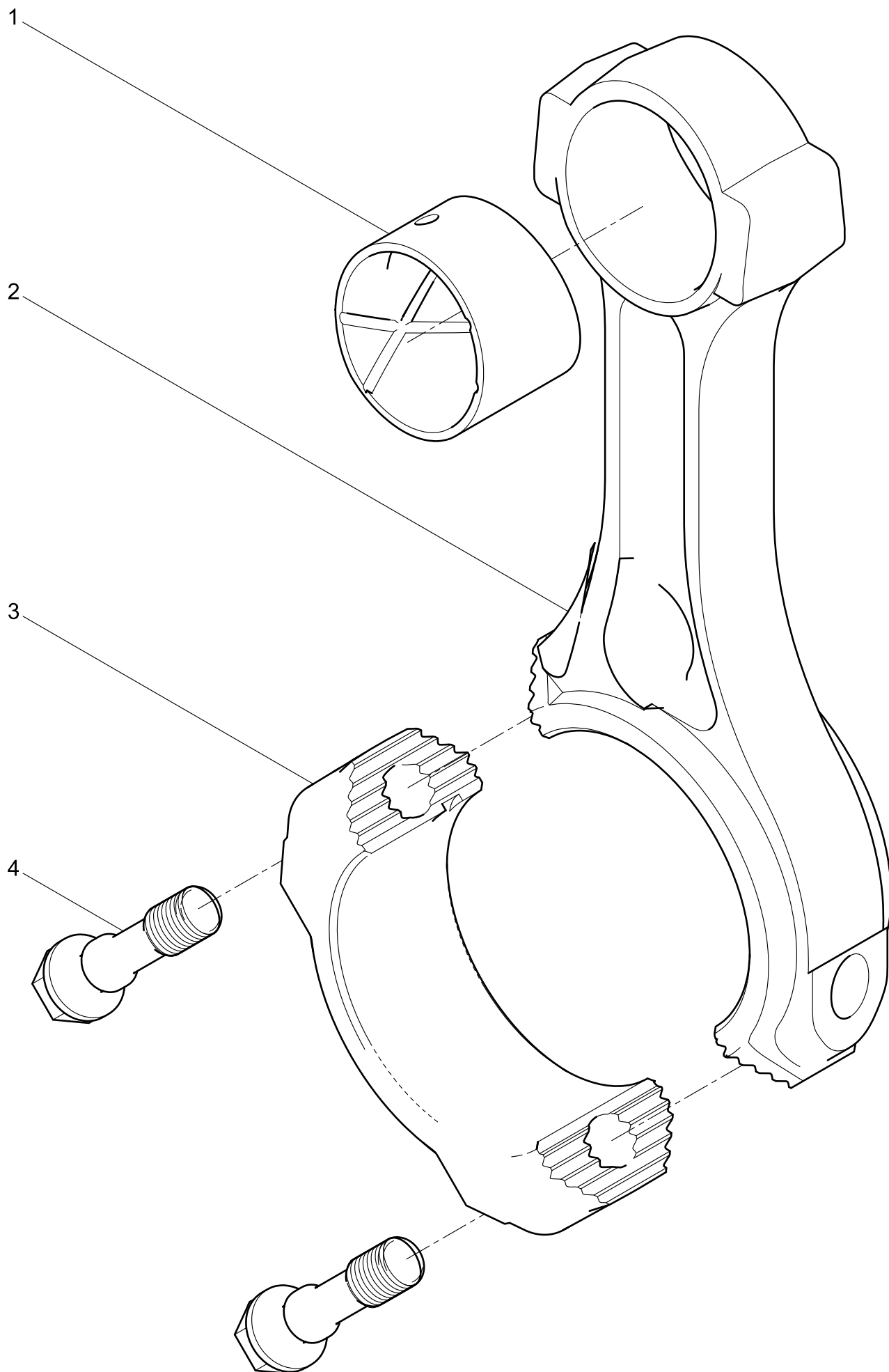
连杆总成(Connecting rod assembly)



连杆总成(Connecting rod assembly)

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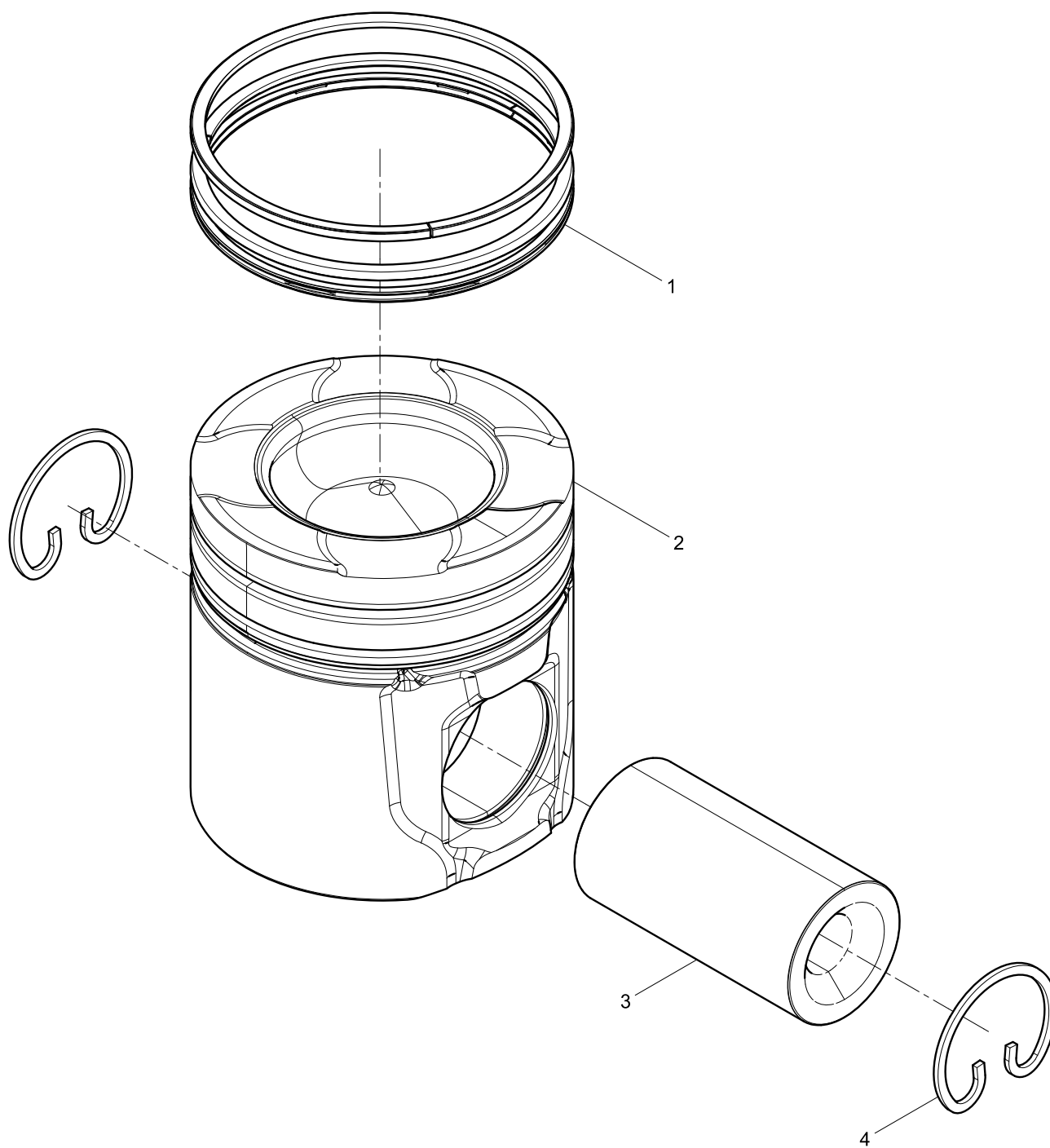
连杆(Connecting rod)



连杆(Connecting rod)

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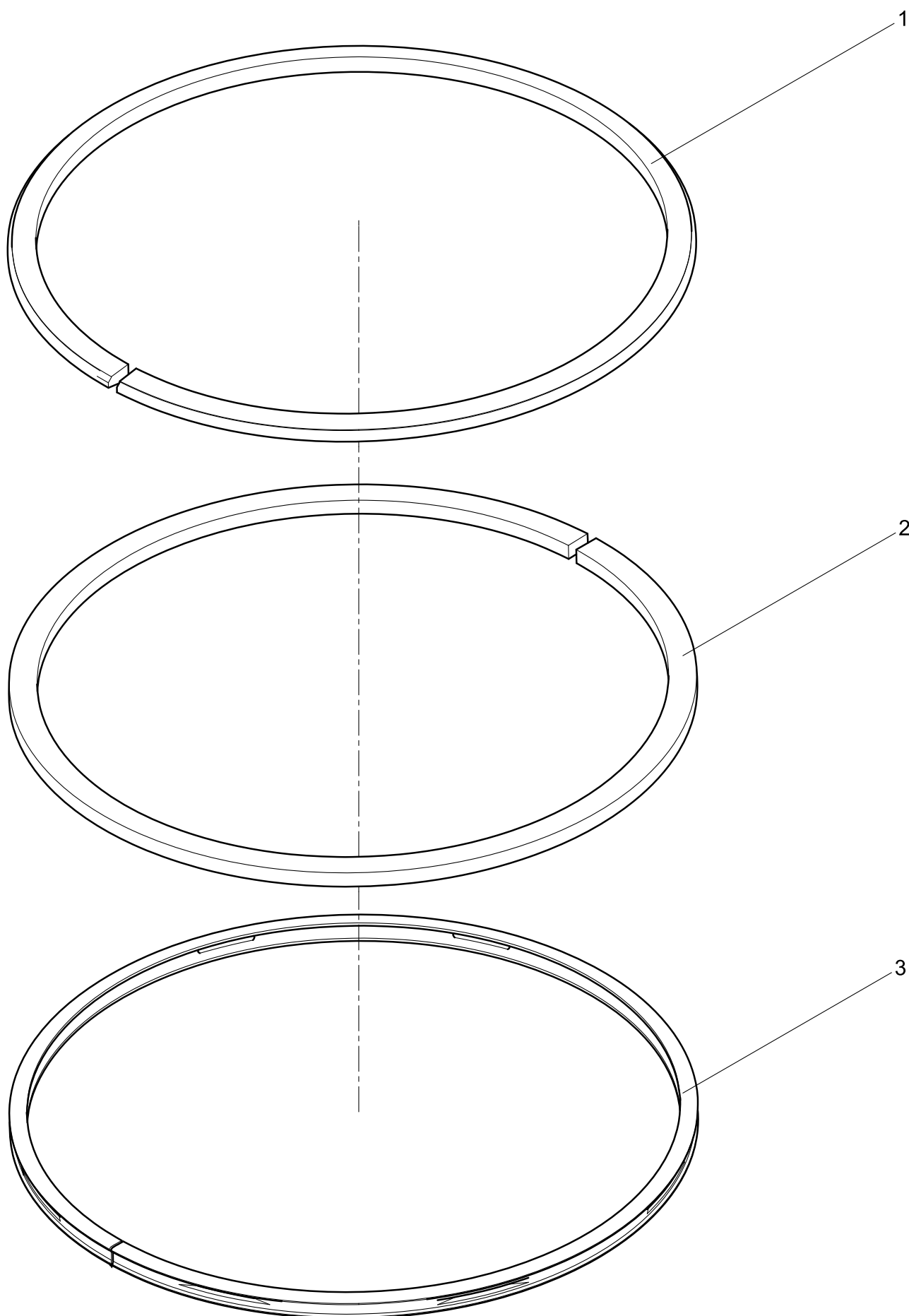
活塞总成(Piston assembly)



活塞总成(Piston assembly)

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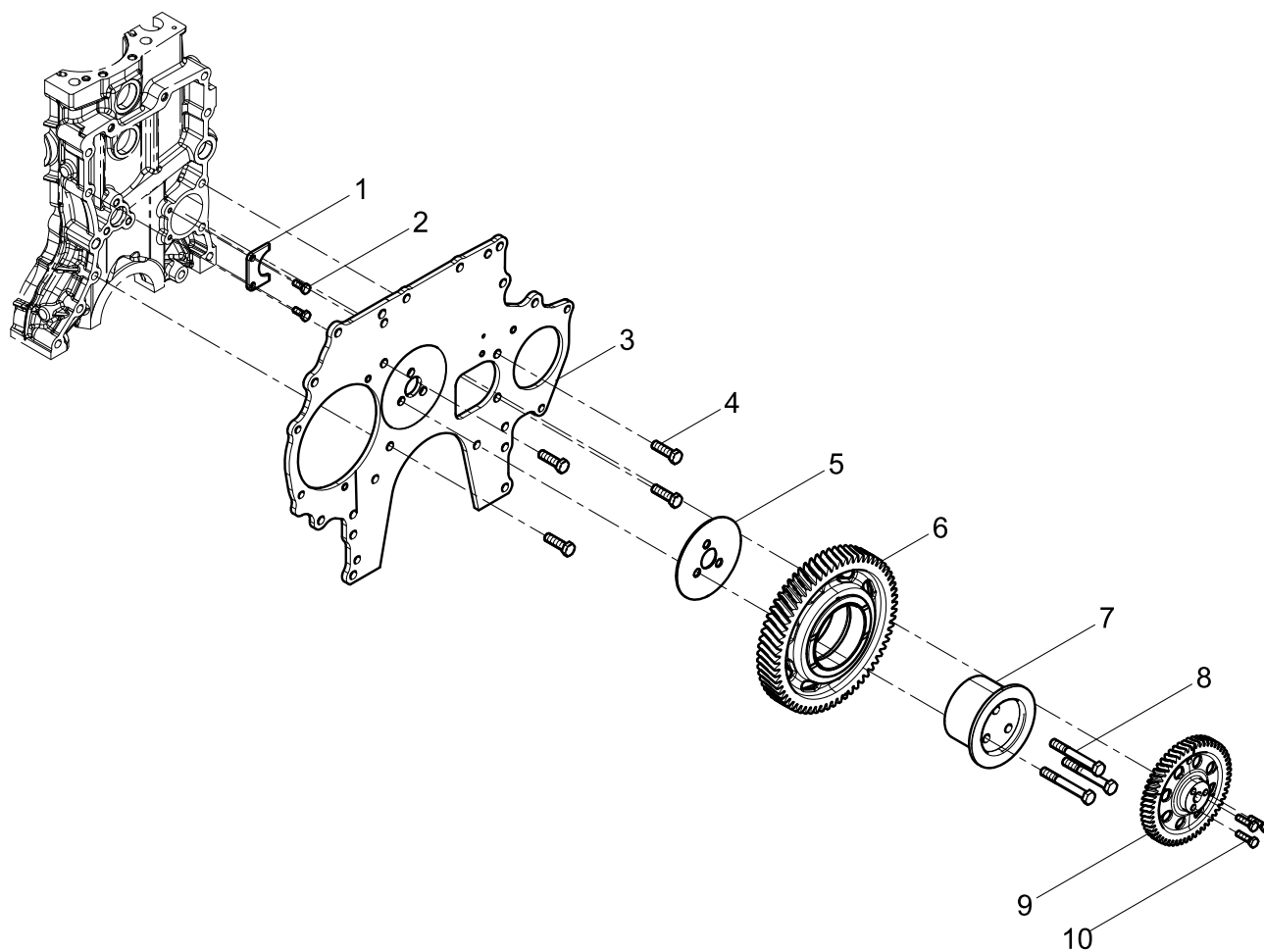
活塞环组件(Piston ring assembly)



活塞环组件(Piston ring assembly)

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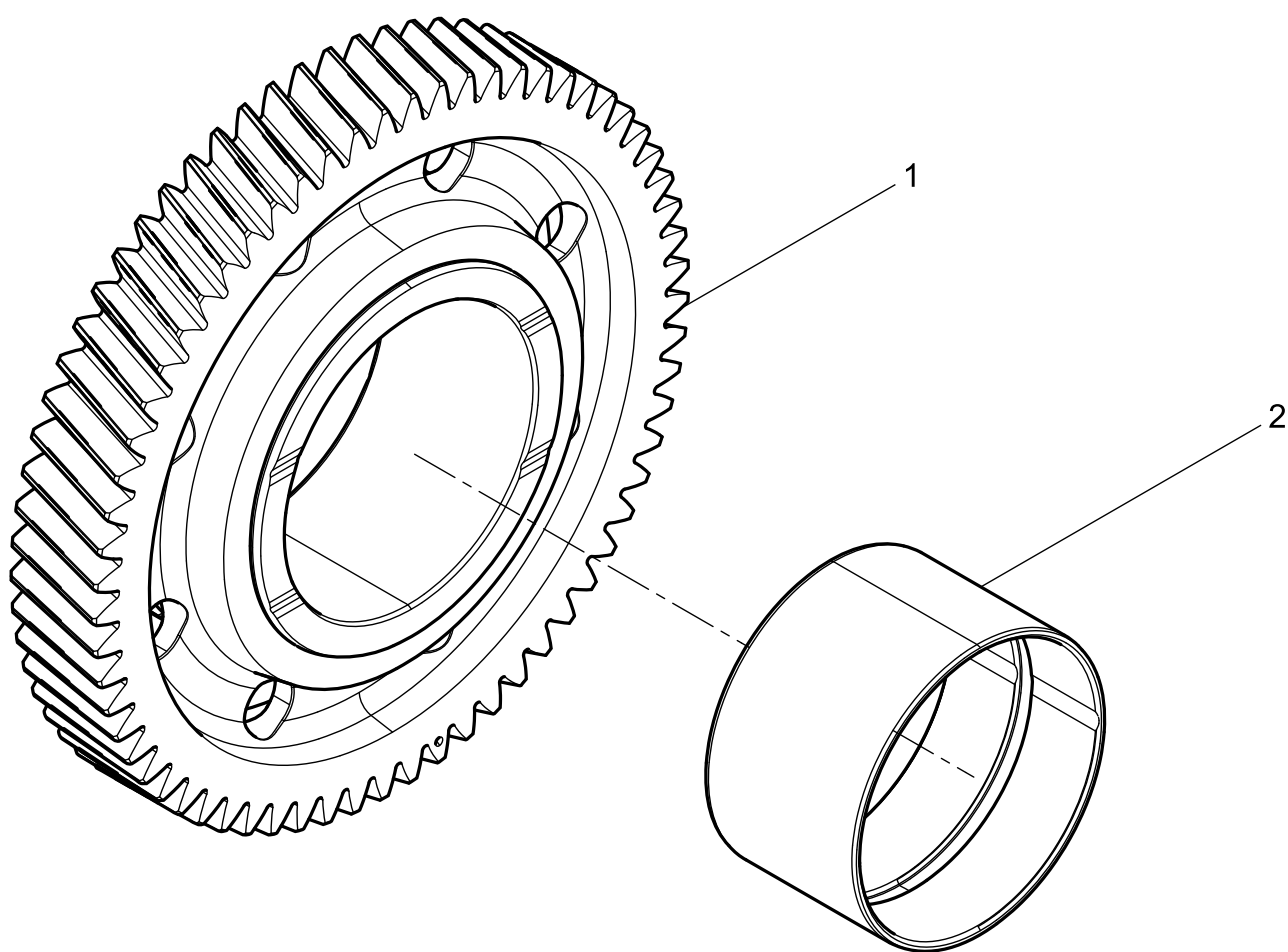
齿轮传动组件()



齿轮传动组件()

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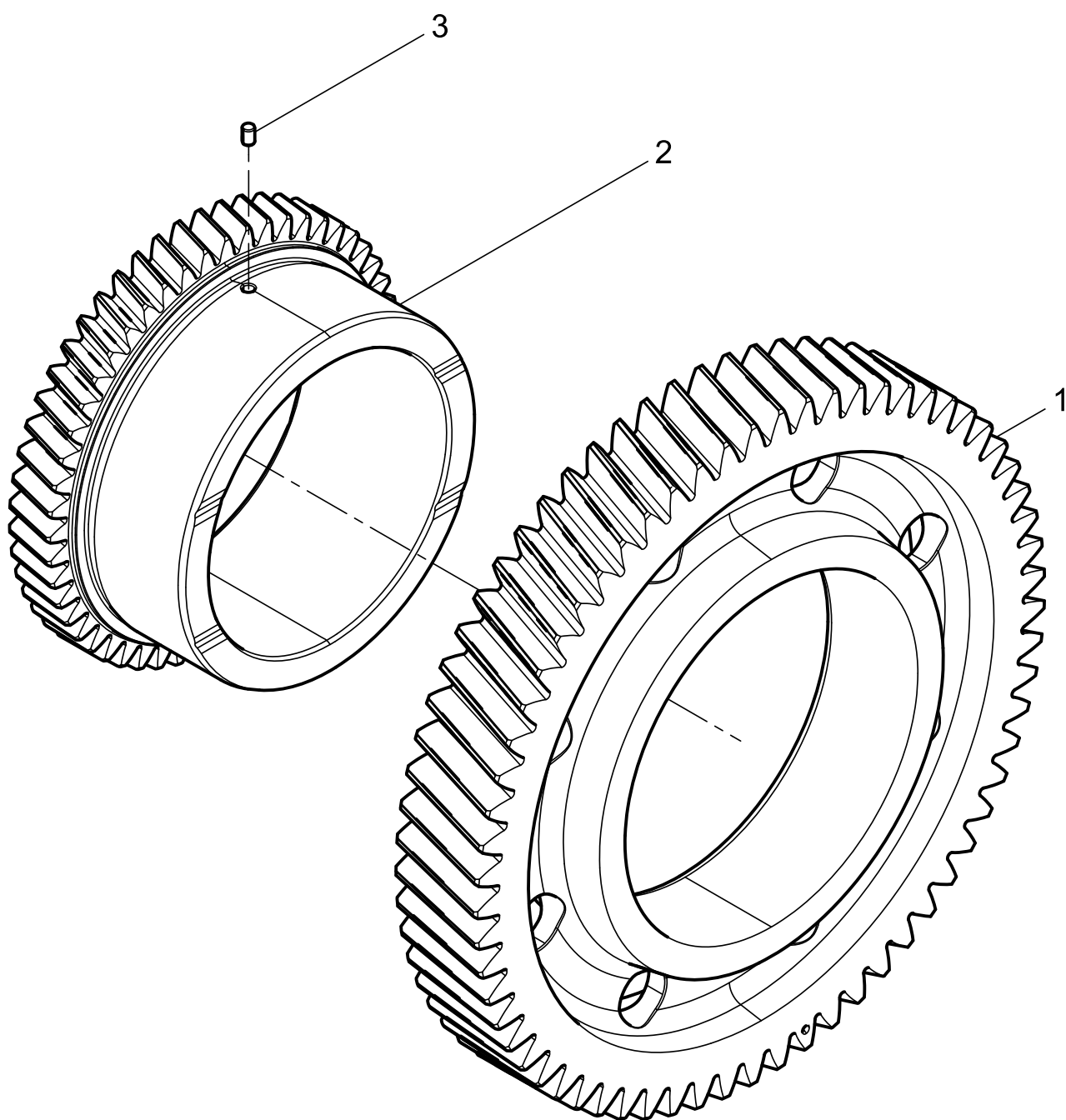
中间齿轮分总成(Intermediate gear subassembly)



中间齿轮分总成(Intermediate gear subassembly)

[illegible]

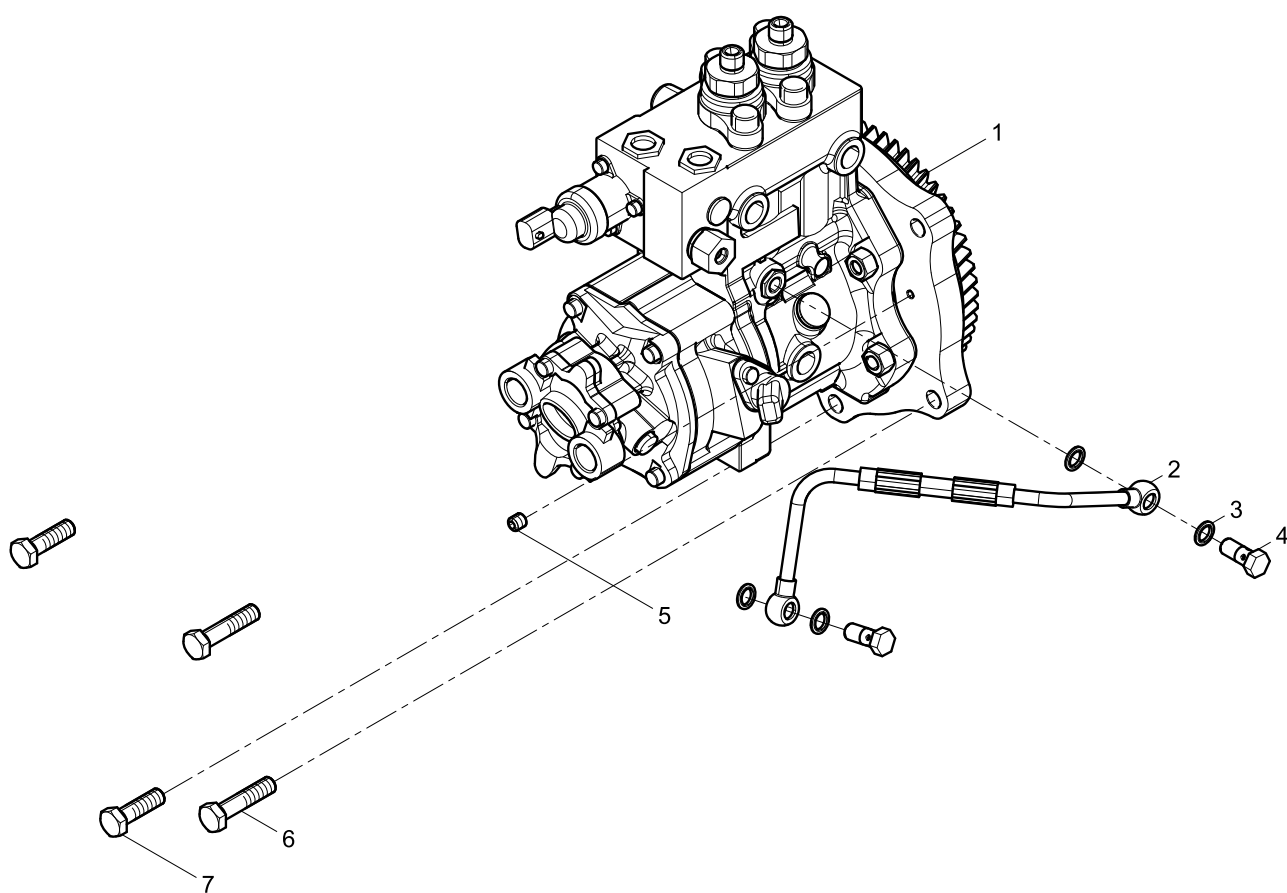
中间齿轮组件(Middle Gear Set)



中间齿轮组件(Middle Gear Set)

[illegible]

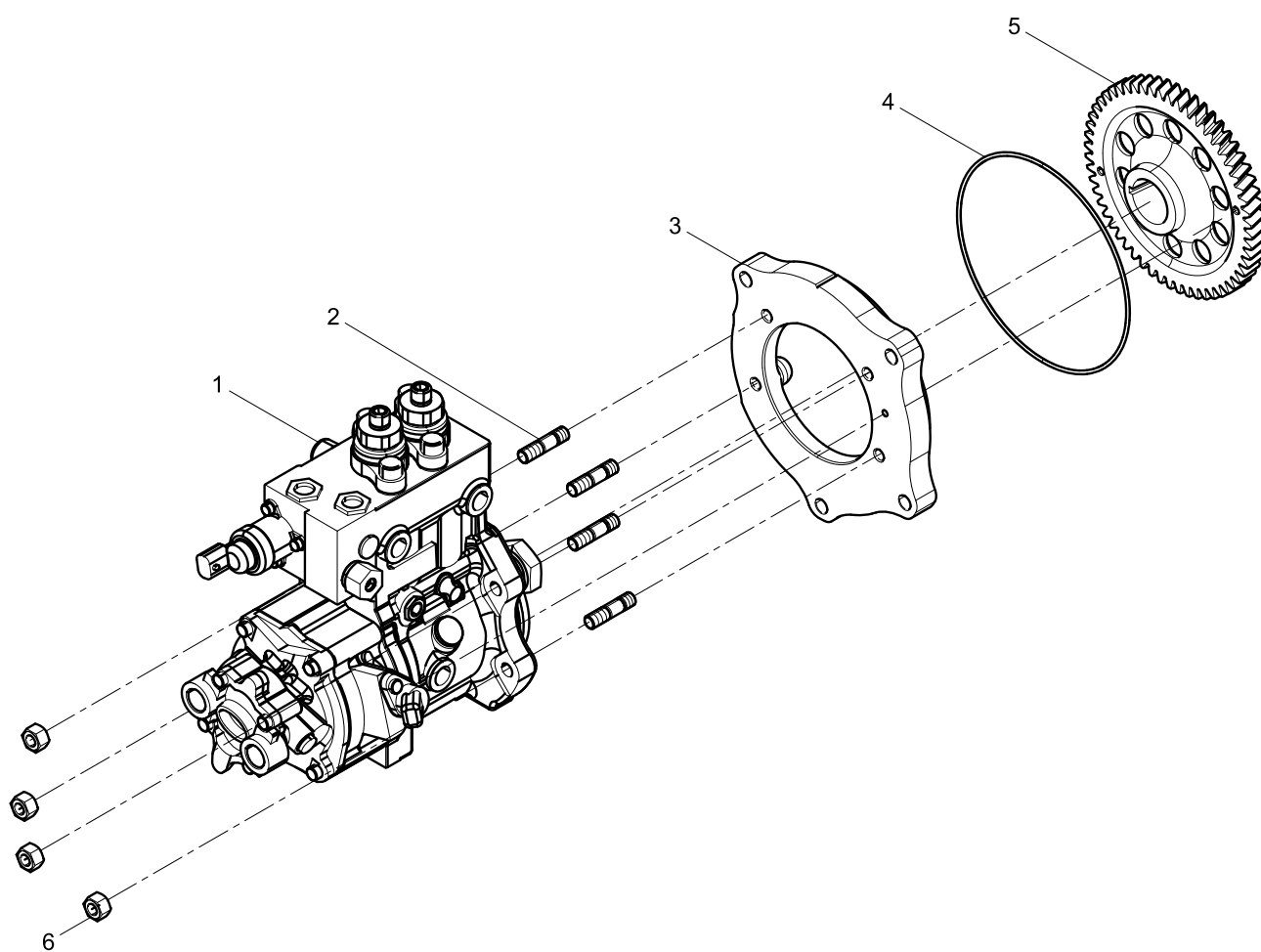
高压油泵结合组(High pressure pump assembly)



高压油泵结合组(High pressure pump assembly)

[illegible]

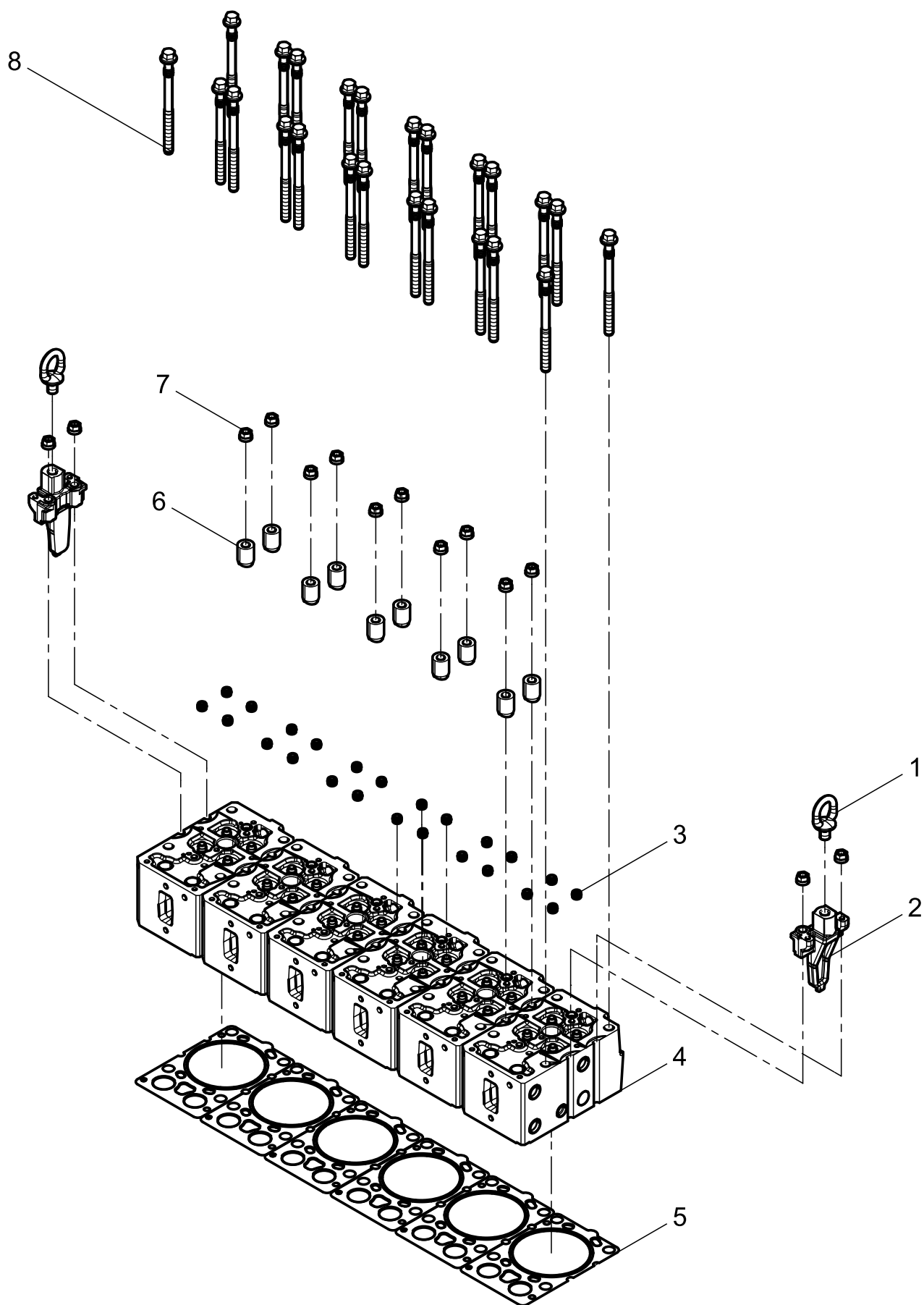
喷油泵组件(Injection pump assembly)



喷油泵组件(Injection pump assembly)

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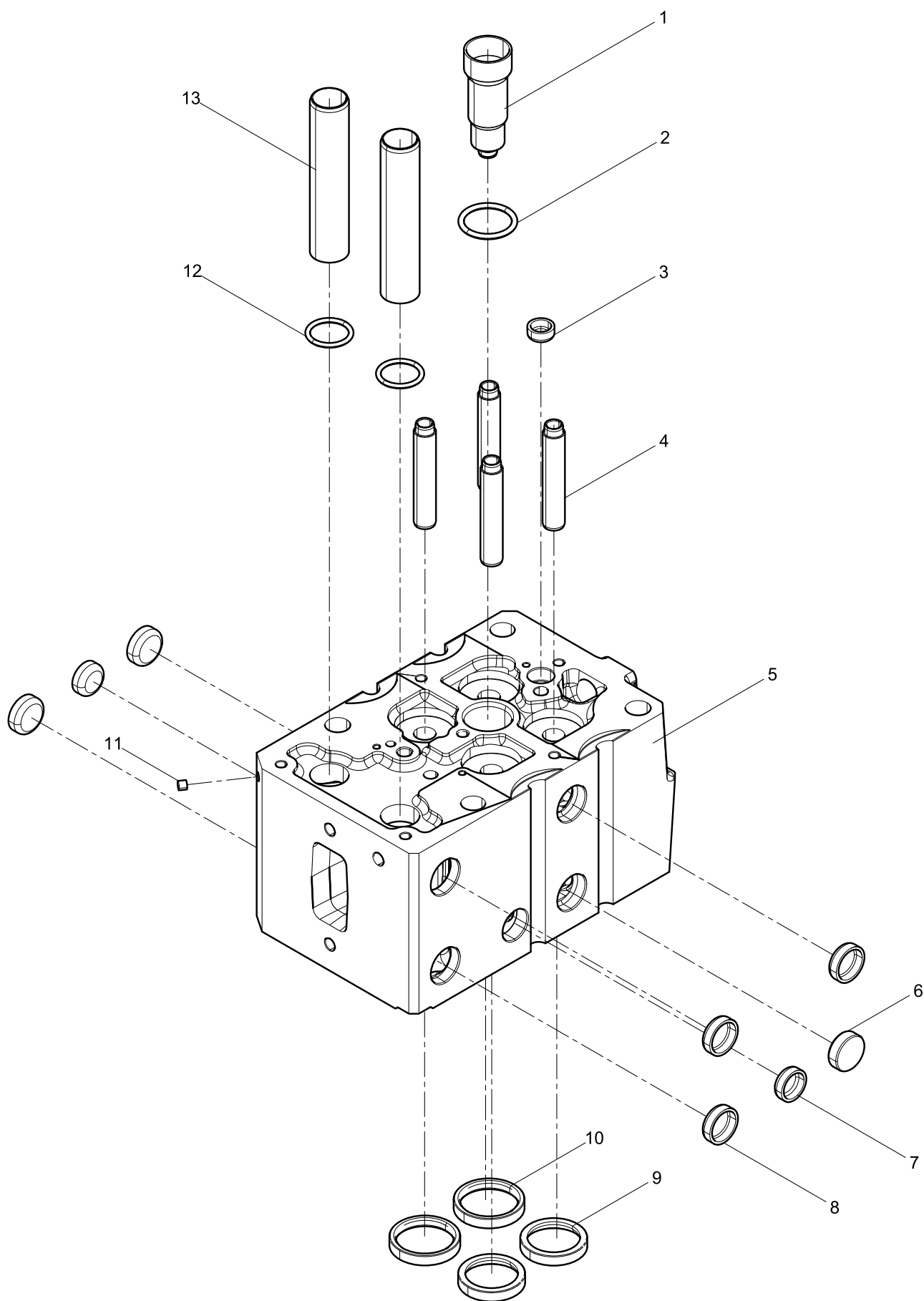
气缸盖结合组(Cylinder head assembly)



气缸盖结合组(Cylinder head assembly)

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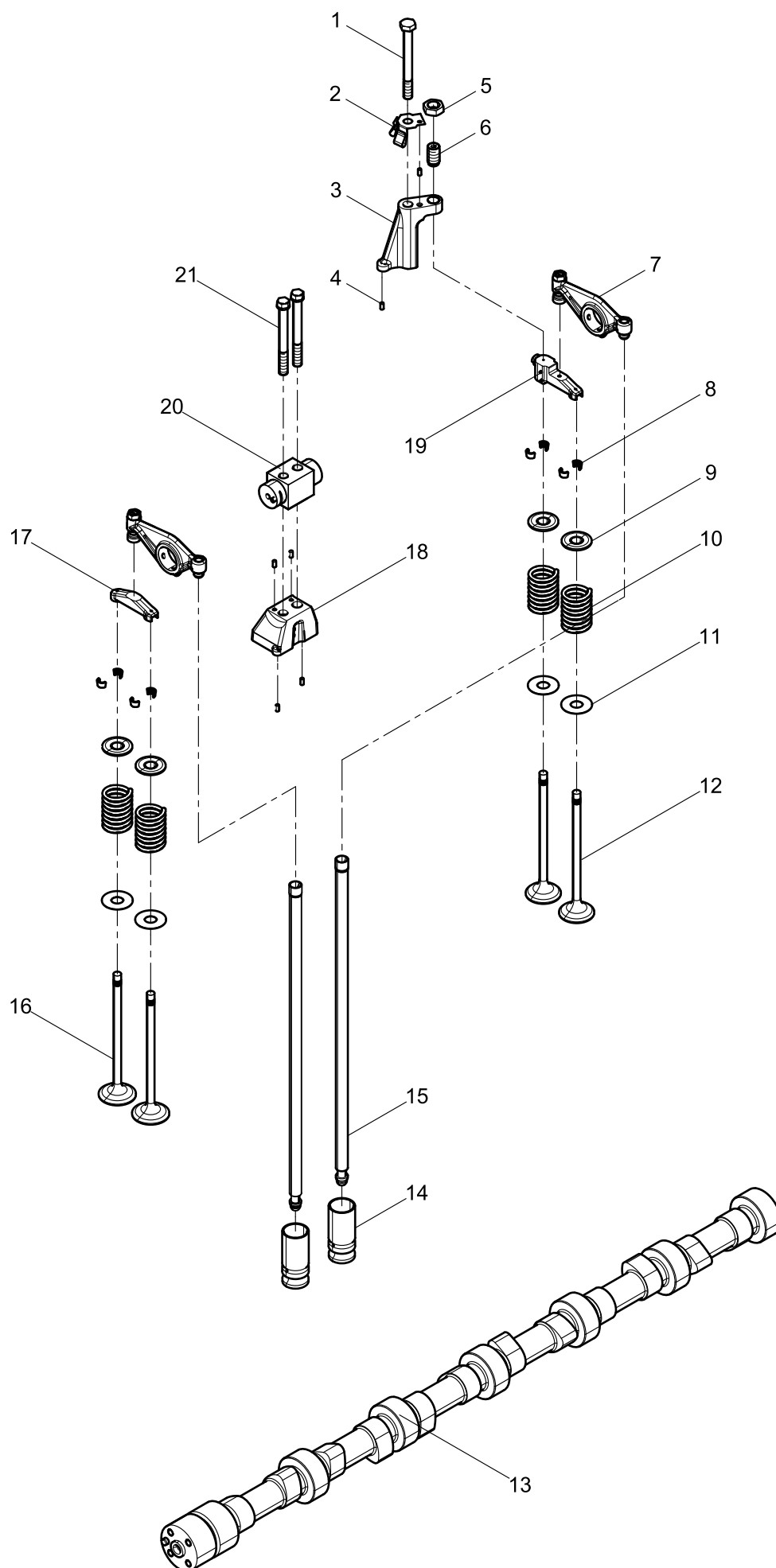
气缸盖分总成(Cylinder head subassembly)



气缸盖分总成(Cylinder head subassembly)

[illegible]

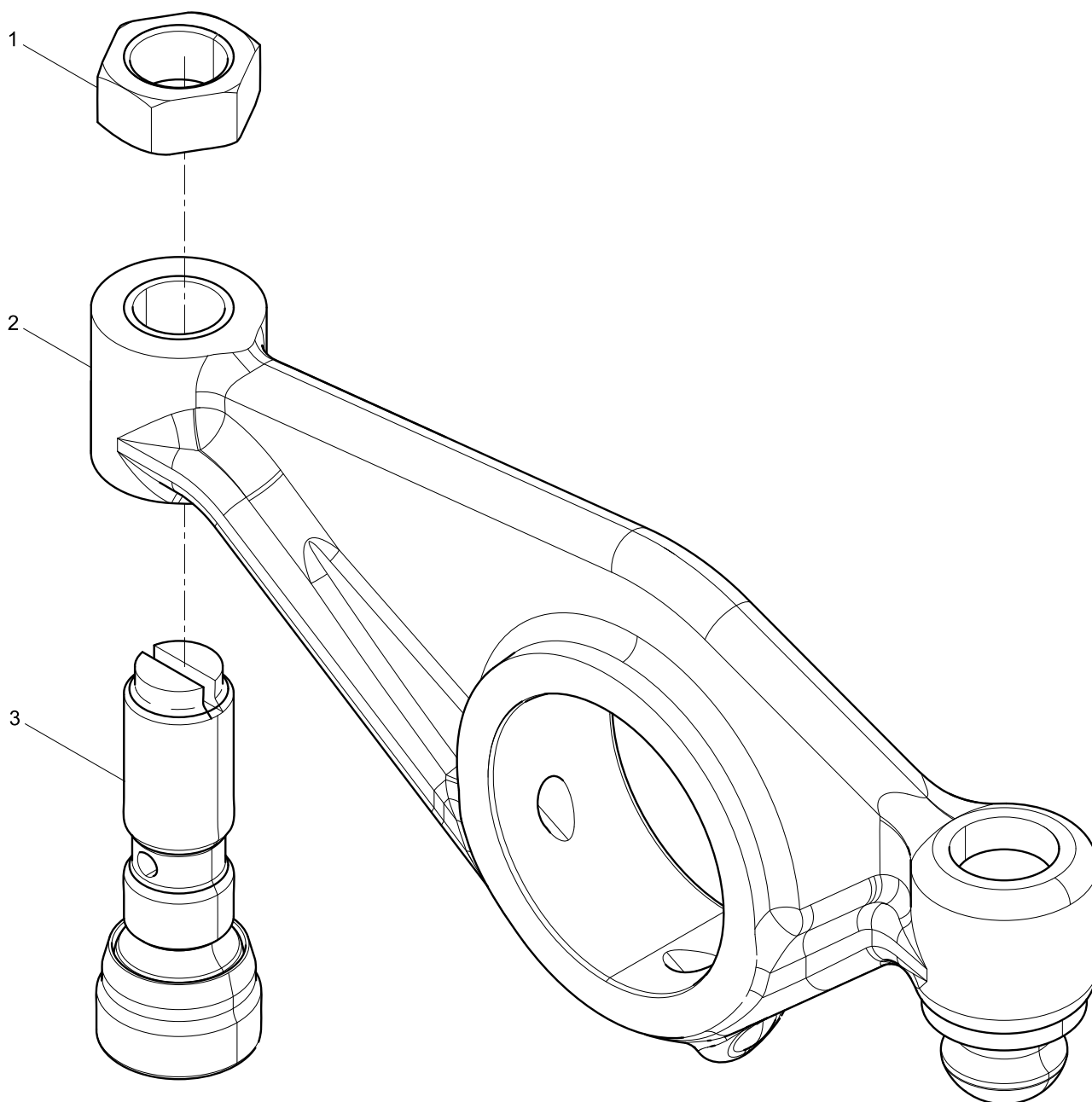
配气机构结合组(Valve Train Group)



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	Bolt
2	612630040052	6	喷油器线束支架	Wire harness bracket of injector
3	612630050010	6	EVb支架	EVb bracket
4	612639000087	36	圆柱销	Straight pin
5	612630050012	6	EVb锁紧螺母	EVb lock nut
6	612630050011	6	EVb调整螺钉	EVb adjusting screw
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 seat (upper)
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	Valve pusher assembly
16	612630050001	12	进气门	Intake valve
17	612630050009	6	气门桥	Valve bridge
18	612630050013	6	摇臂支架	Rocker armer bracket
19	612630050008	6	EVb气门桥结合子组	EVb valve subunit
20	612630050018	6	摇臂轴结合子组	
21	612639000095	12	六角头螺栓	Hexagon bolt

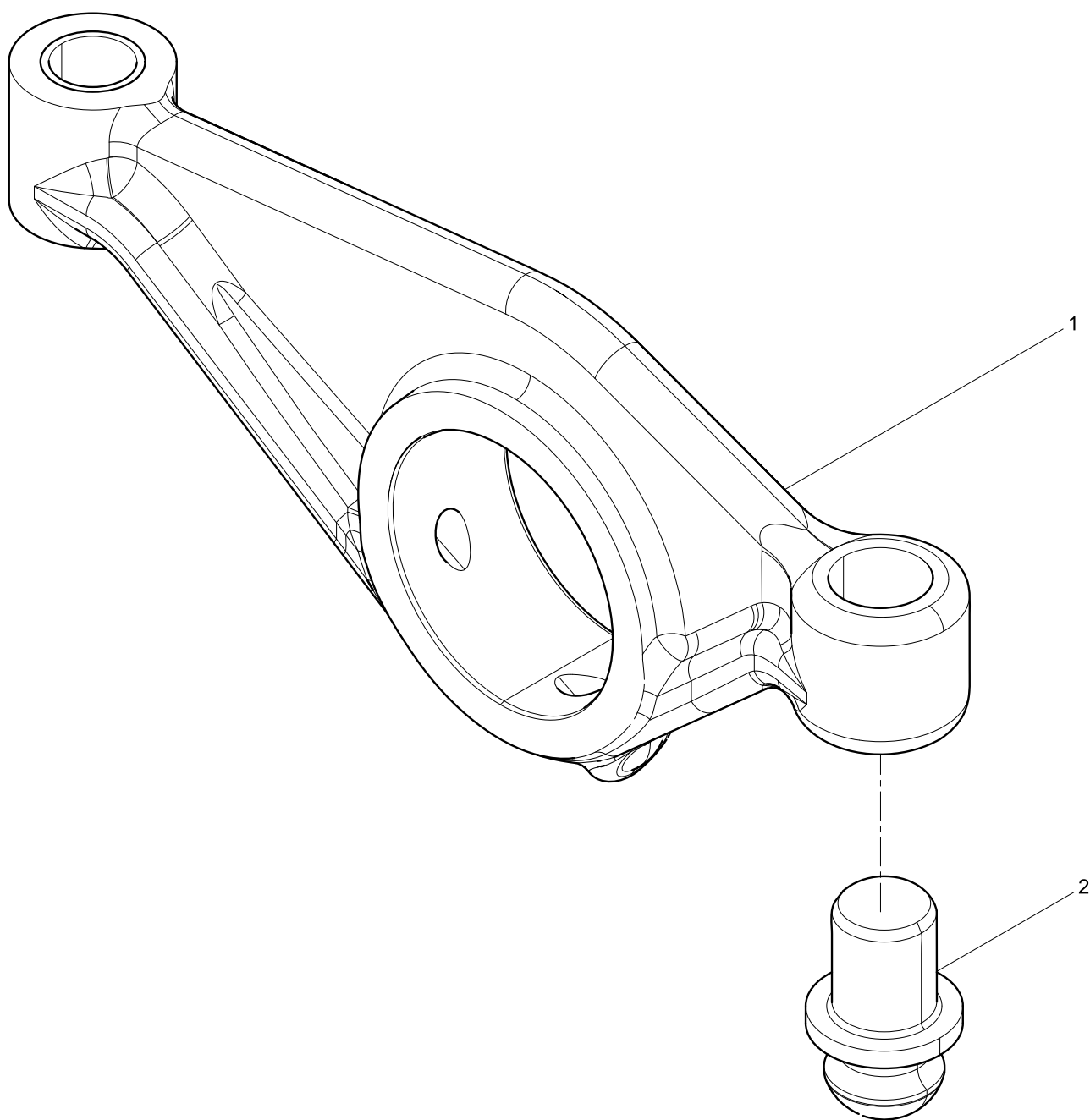
摇臂结合子组()



摇臂结合子组()

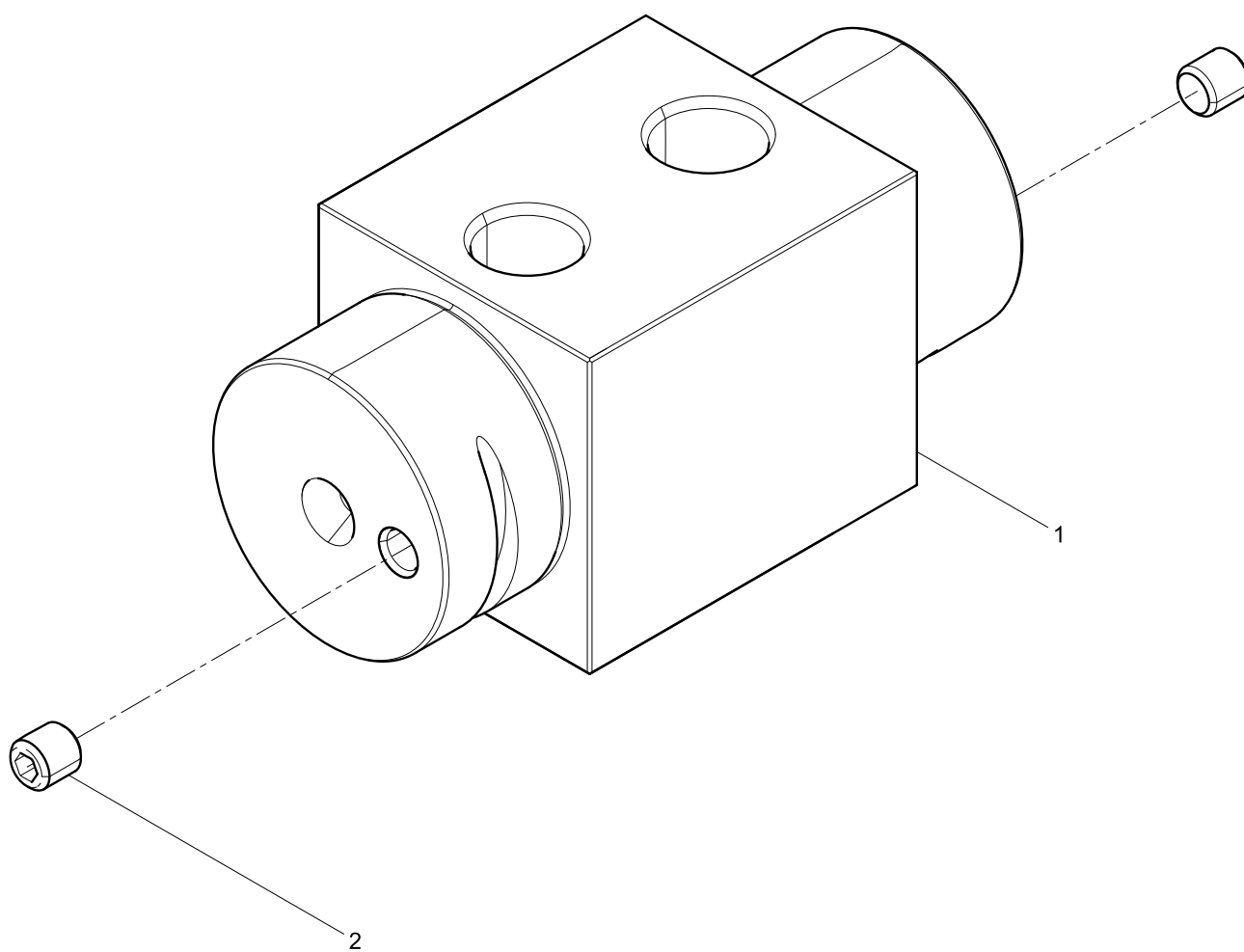
[illegible]

摇臂总成(Rocker arm assembly)



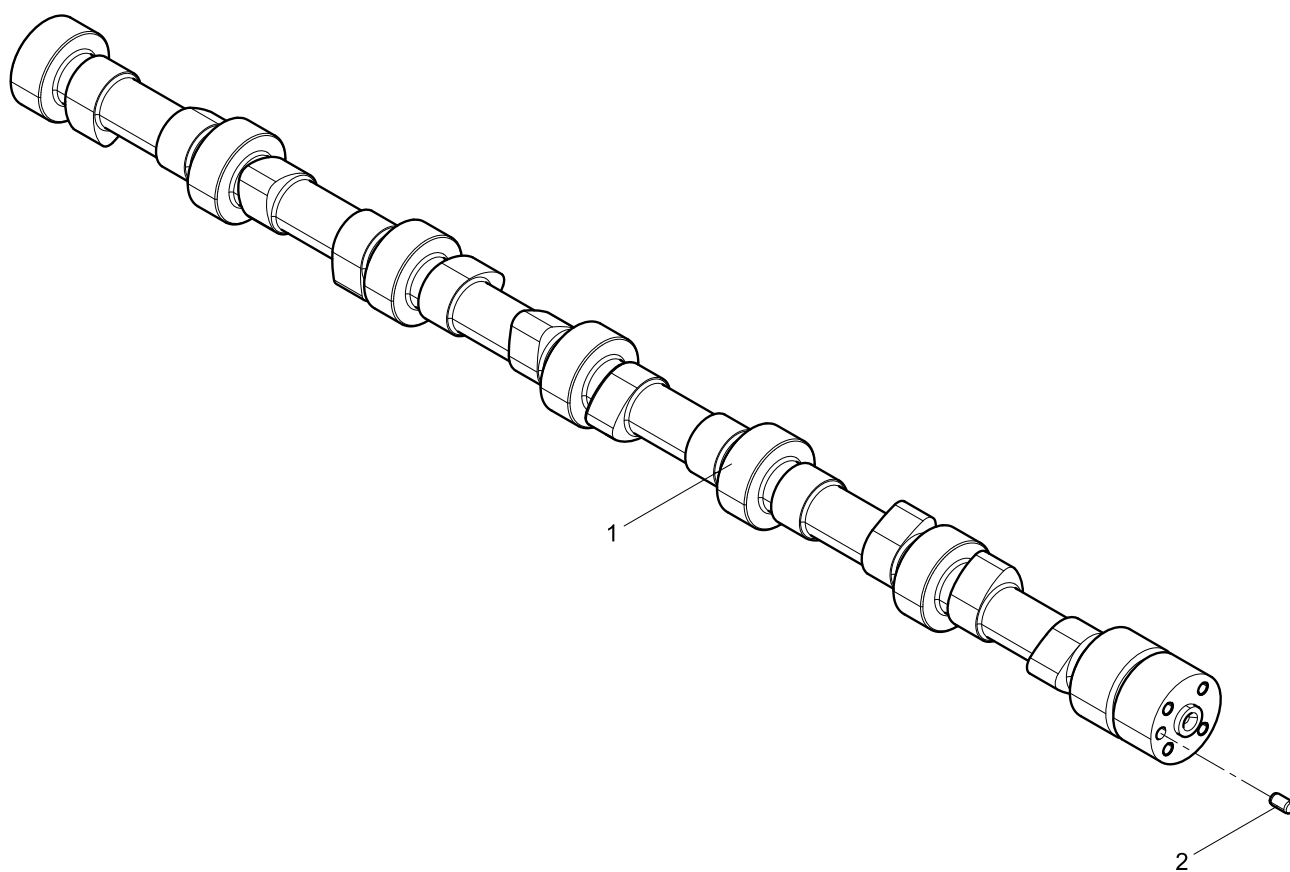
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摇臂轴结合子组()



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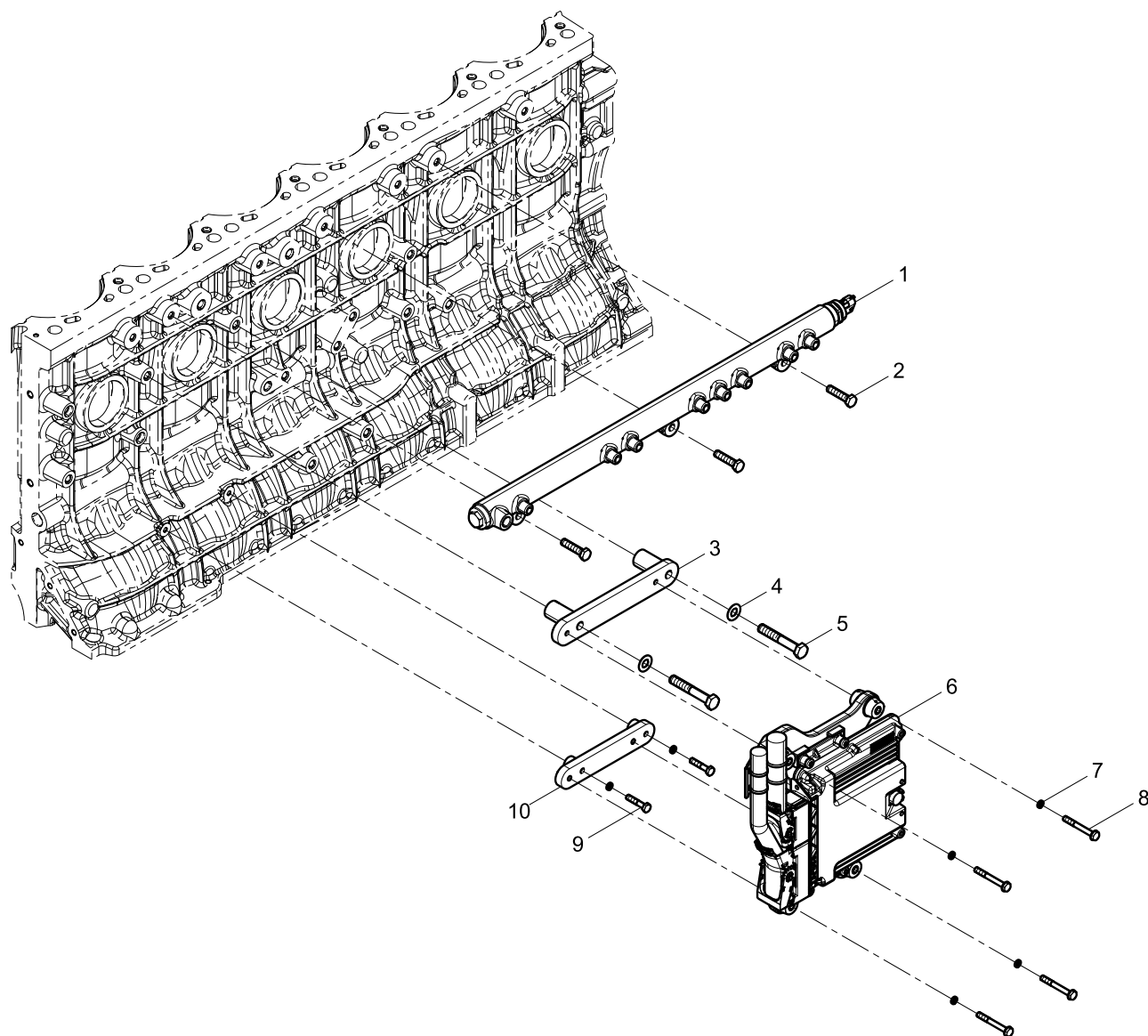
凸轮轴总成(Camshaft assembly)



凸轮轴总成(Camshaft assembly)

[illegible]

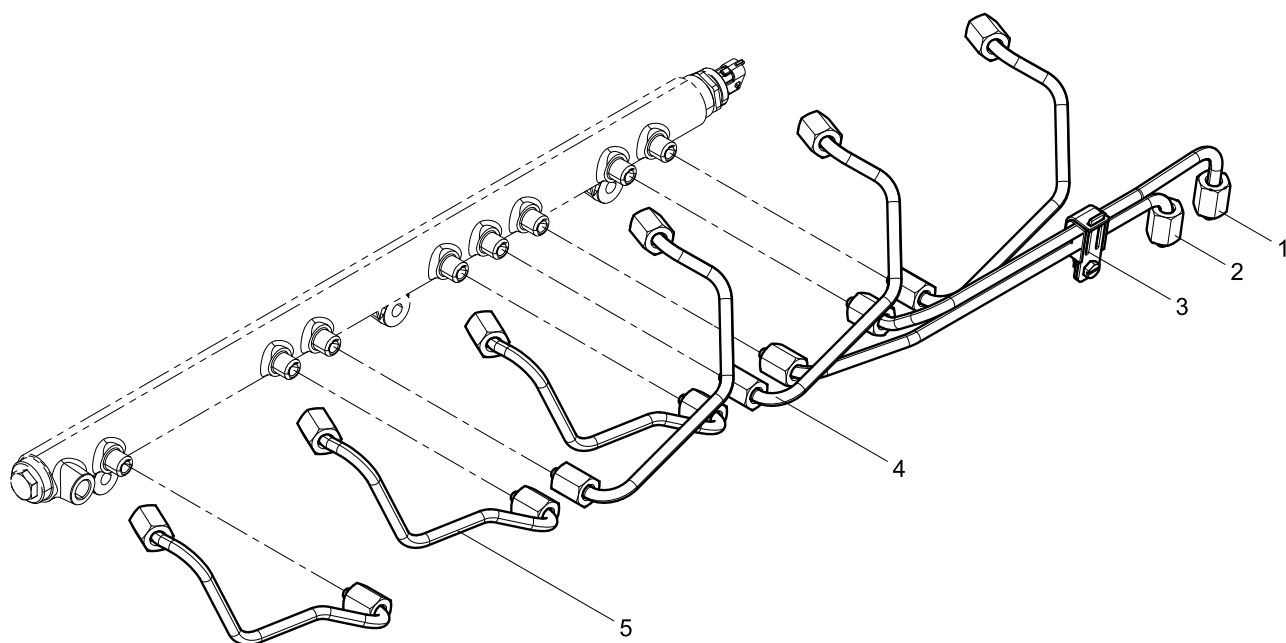
共轨系统结合组()



共轨系统结合组()

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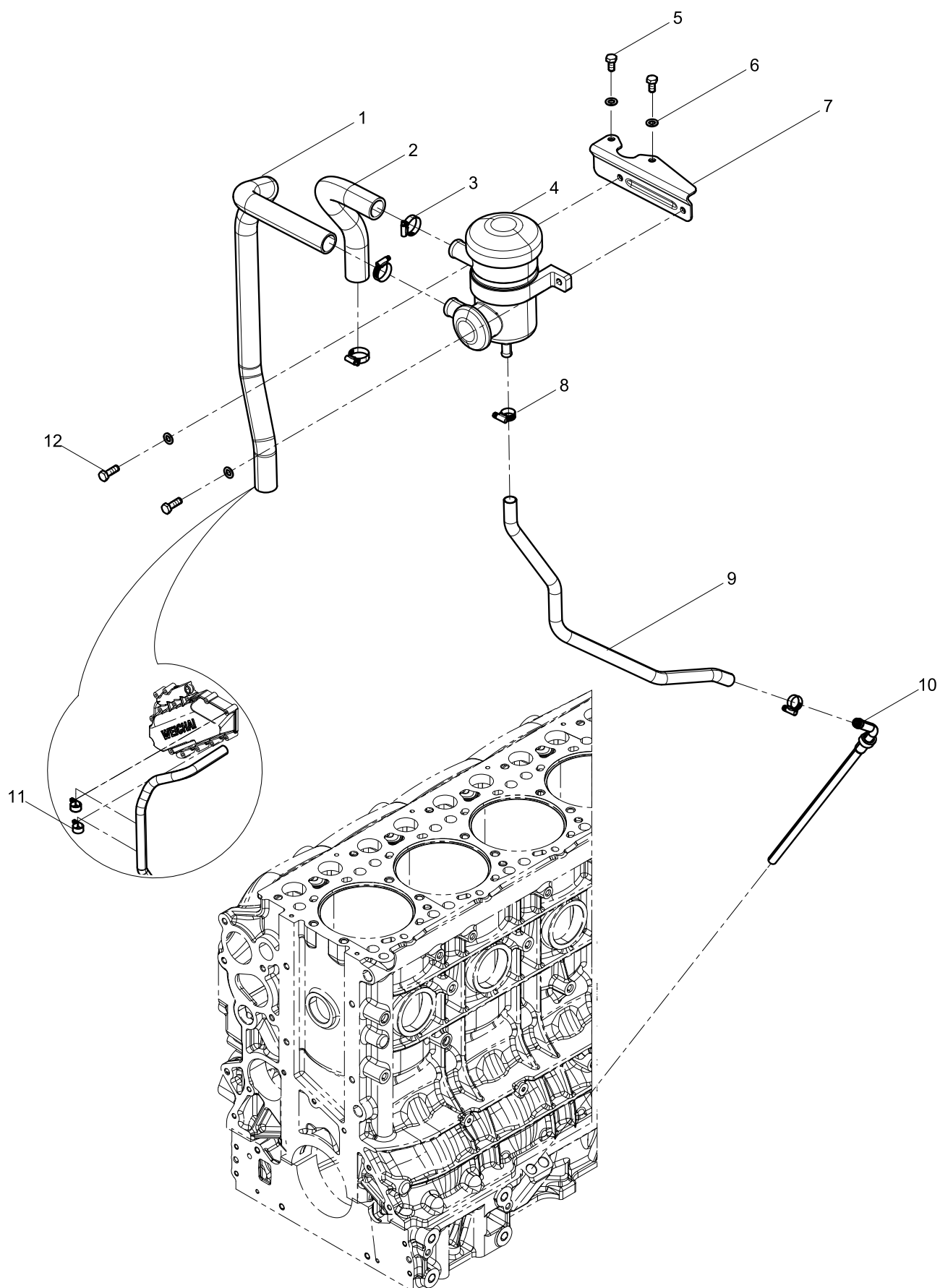
高压油管组件(High pressure pipe assembly)



高压油管组件(High pressure pipe assembly)

[illegible]

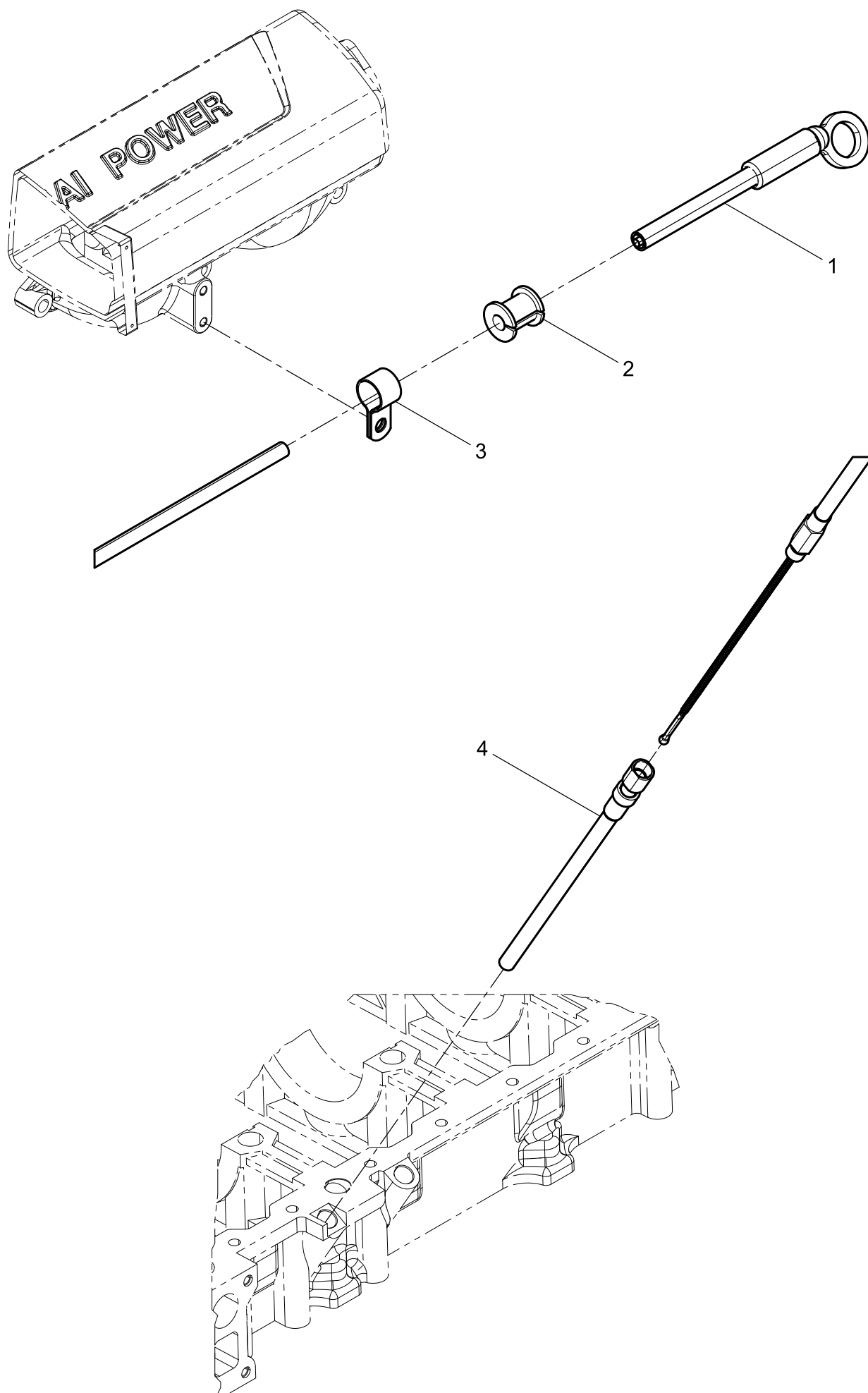
油气分离器结合组(Oil-gas Separator Group)



油气分离器结合组(Oil-gas Separator Group)

[illegible]

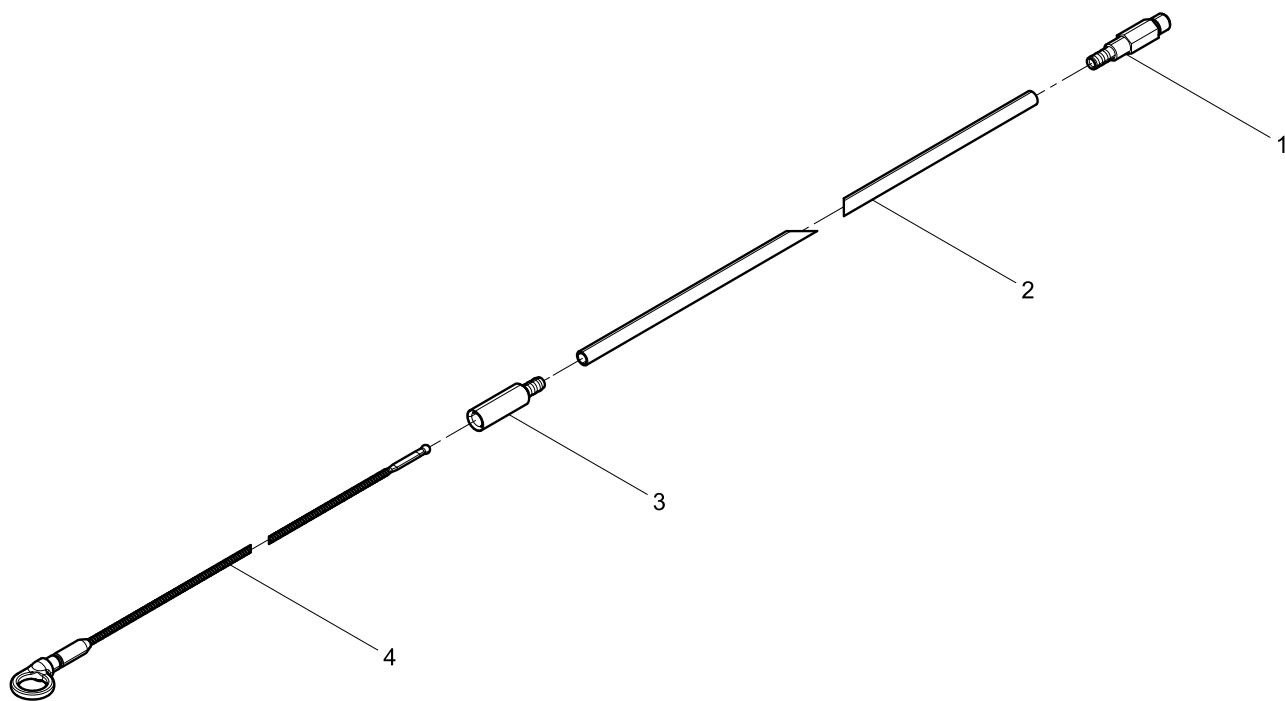
油尺结合组(Dipstick Group)



油尺结合组(Dipstick Group)

[illegible]

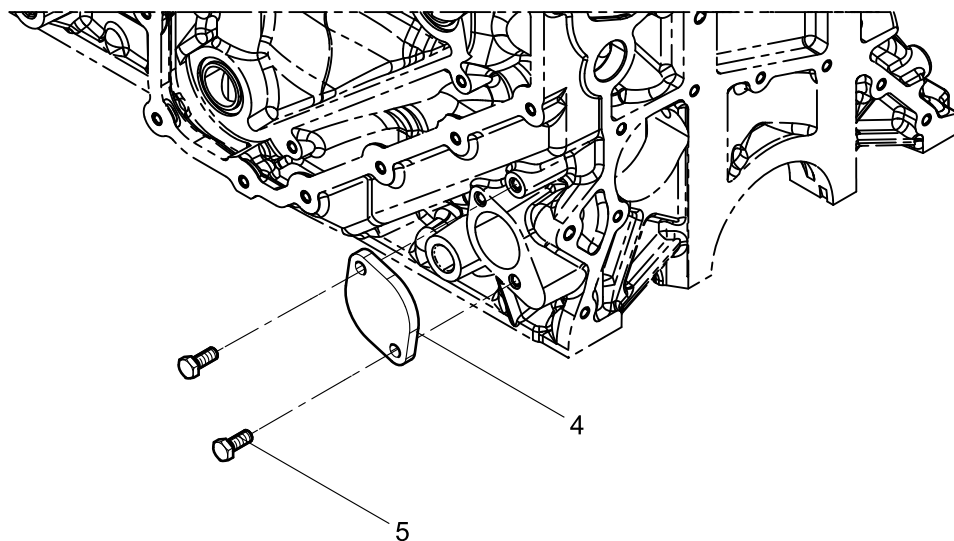
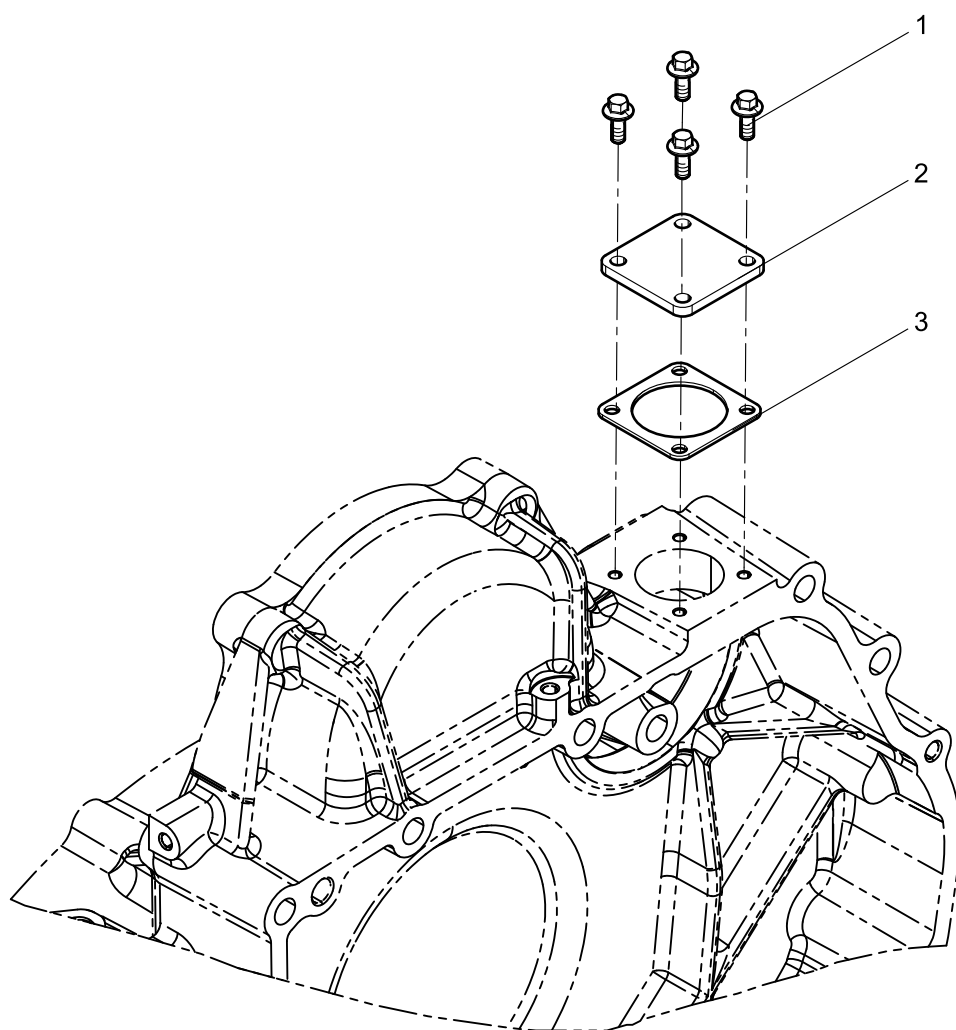
油标尺总成(Oil dipstick assembly)



油标尺总成(Oil dipstick assembly)

[illegible]

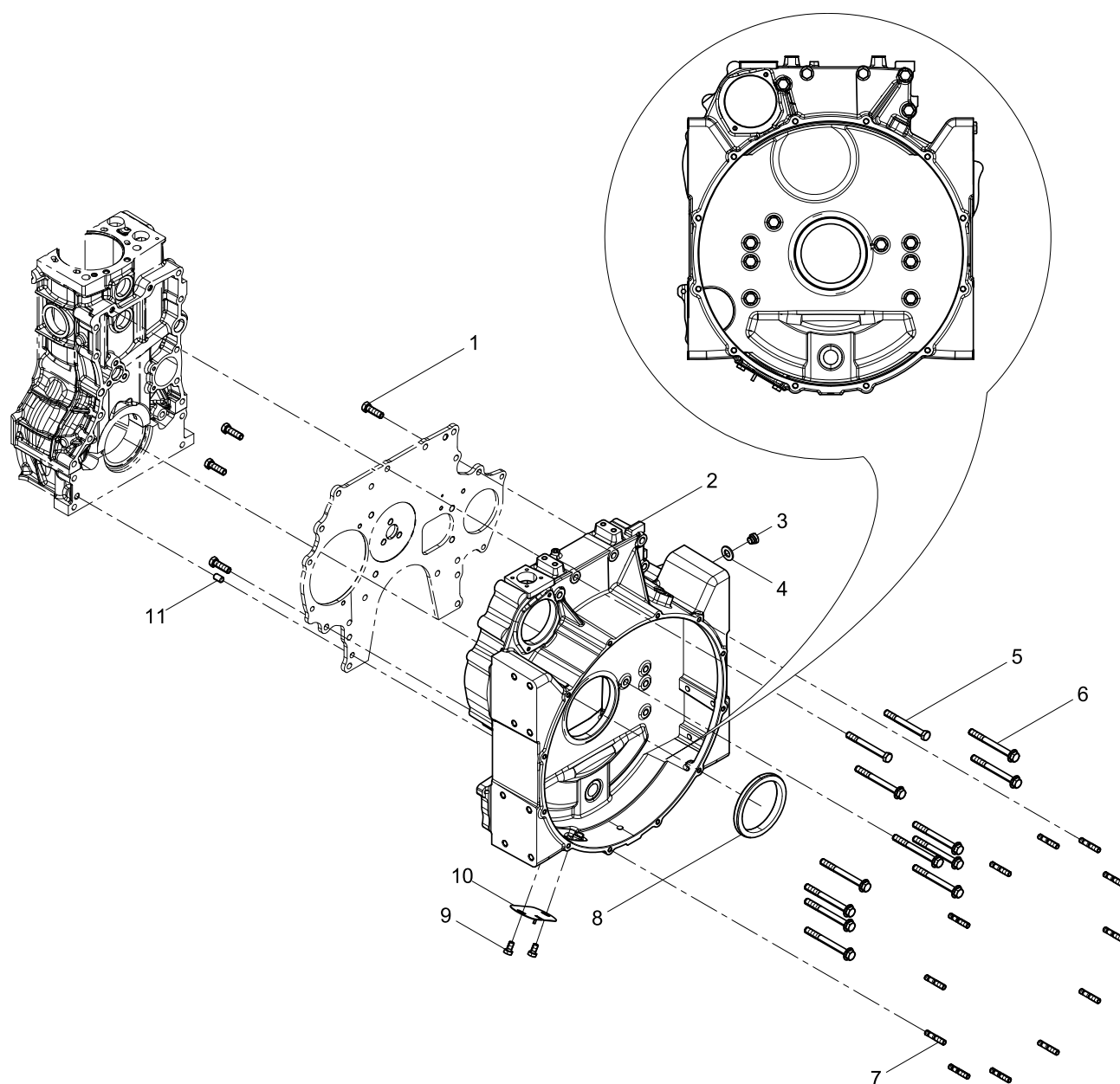
加油管结合组(Oil Tilling Tube Group)



加油管结合组(Oil Tilling Tube Group)

[illegible]

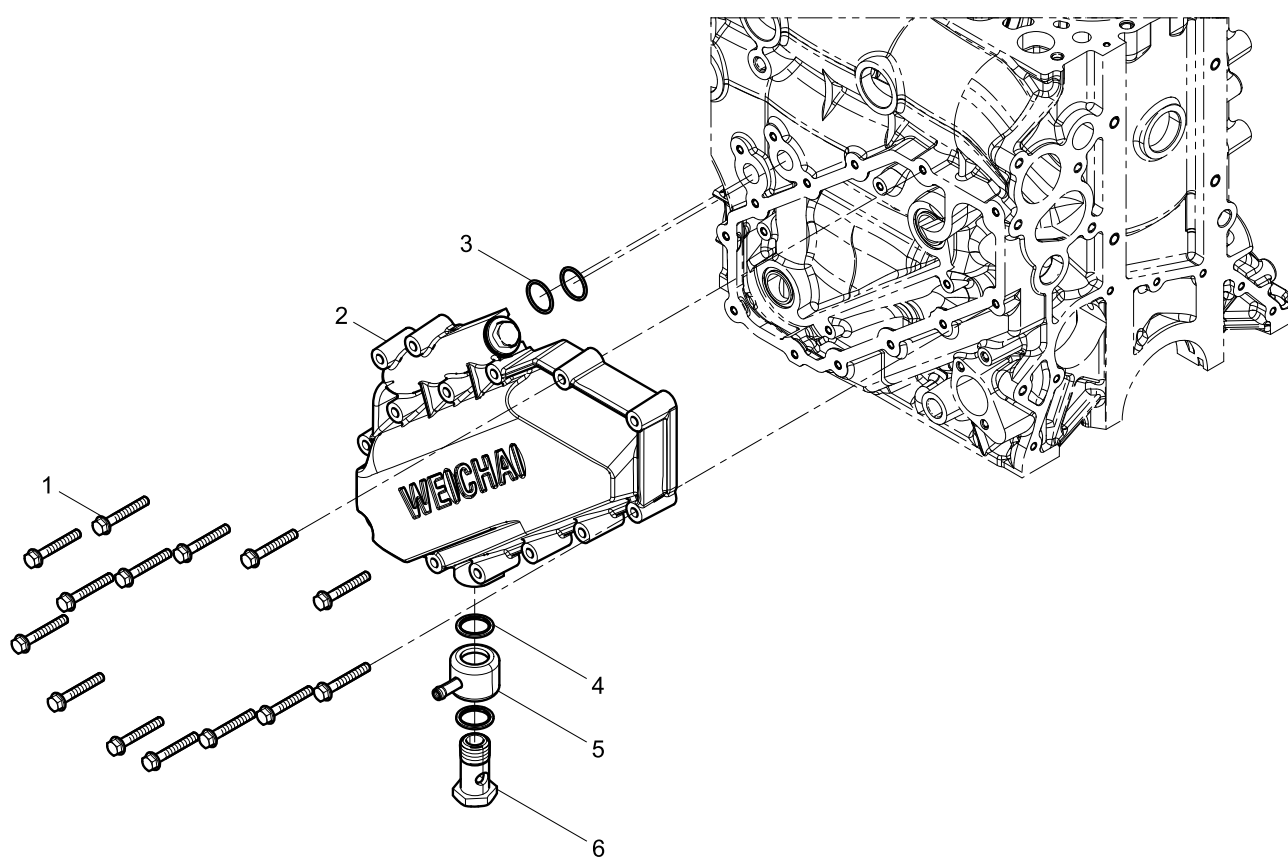
飞轮壳结合组(Flywheel Housing Group)



飞轮壳结合组(Flywheel Housing Group)

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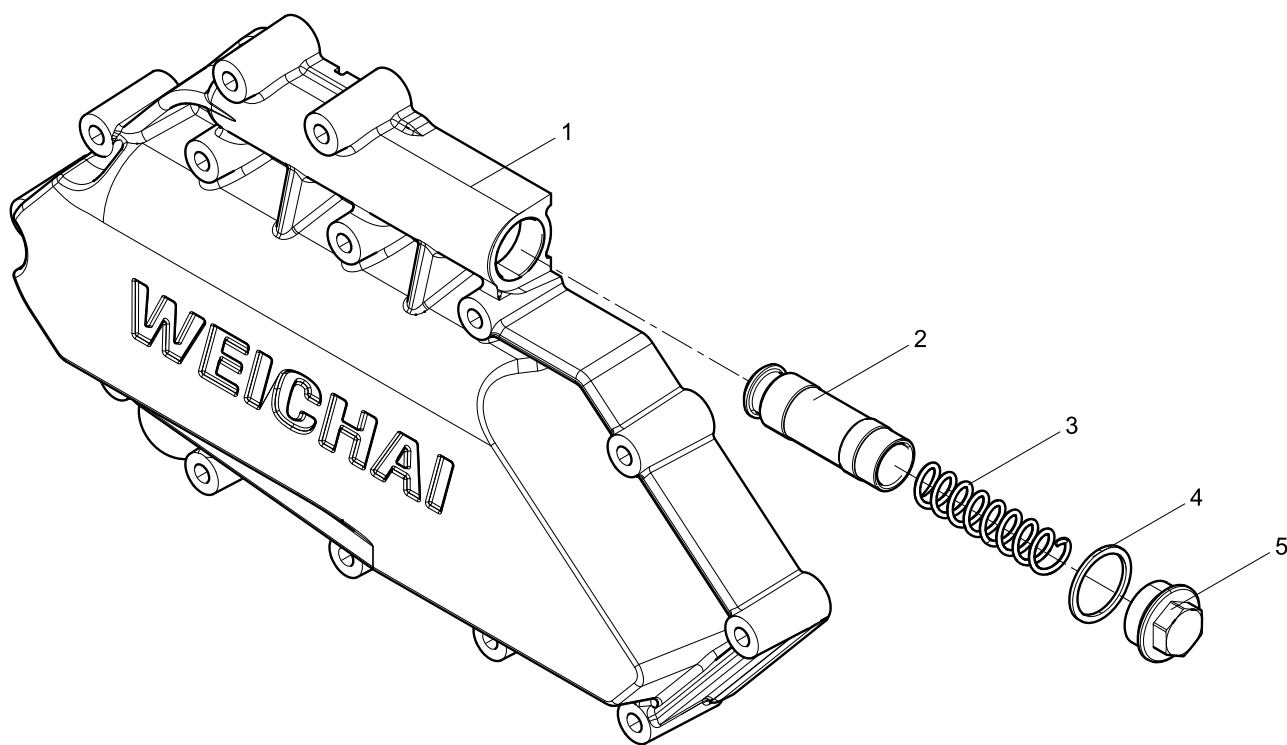
机油冷却器盖组件()



机油冷却器盖组件()

[illegible]

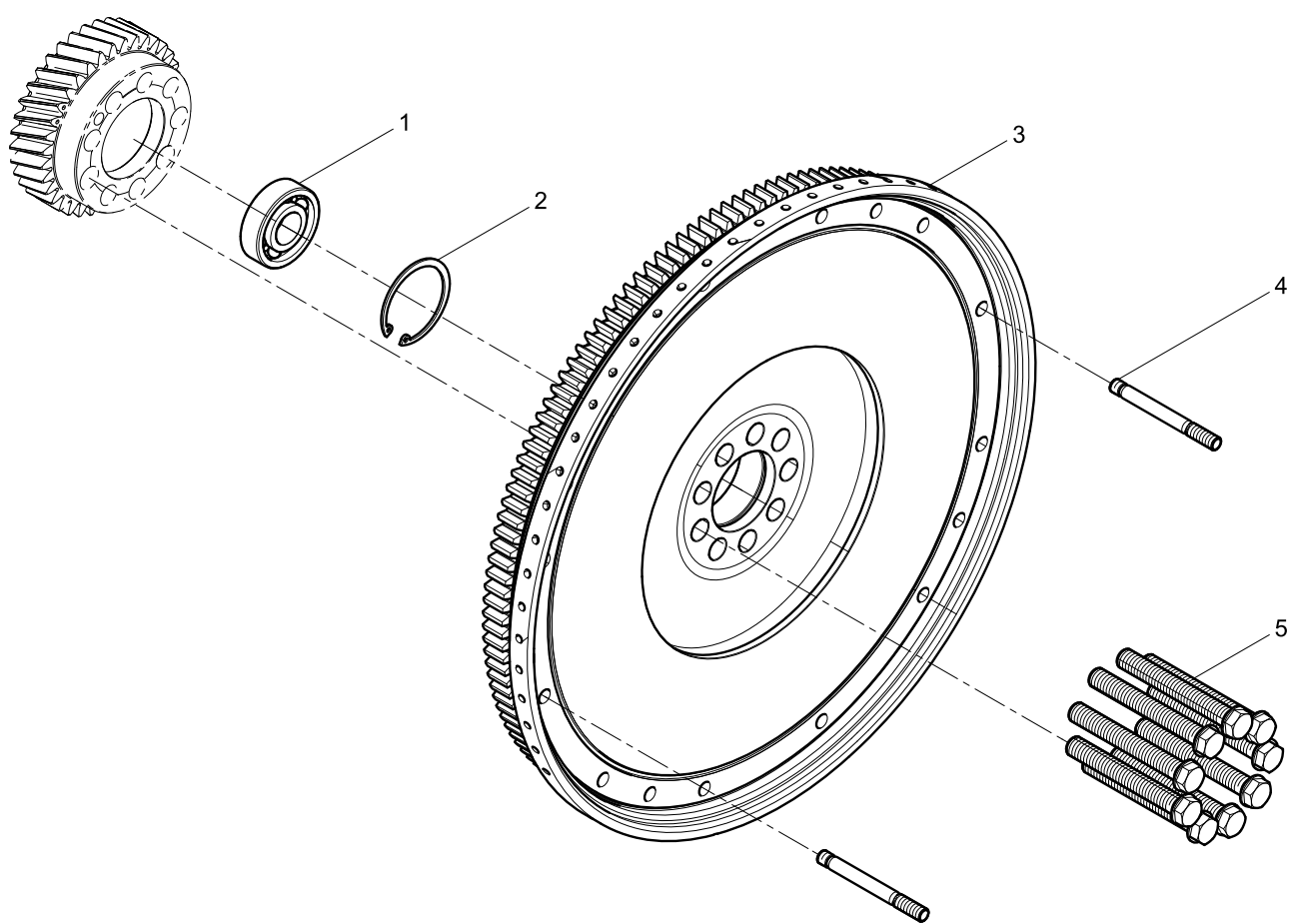
机油冷却器盖总成(Oil cooler cover assembly)



机油冷却器盖总成(Oil cooler cover assembly)

[illegible]

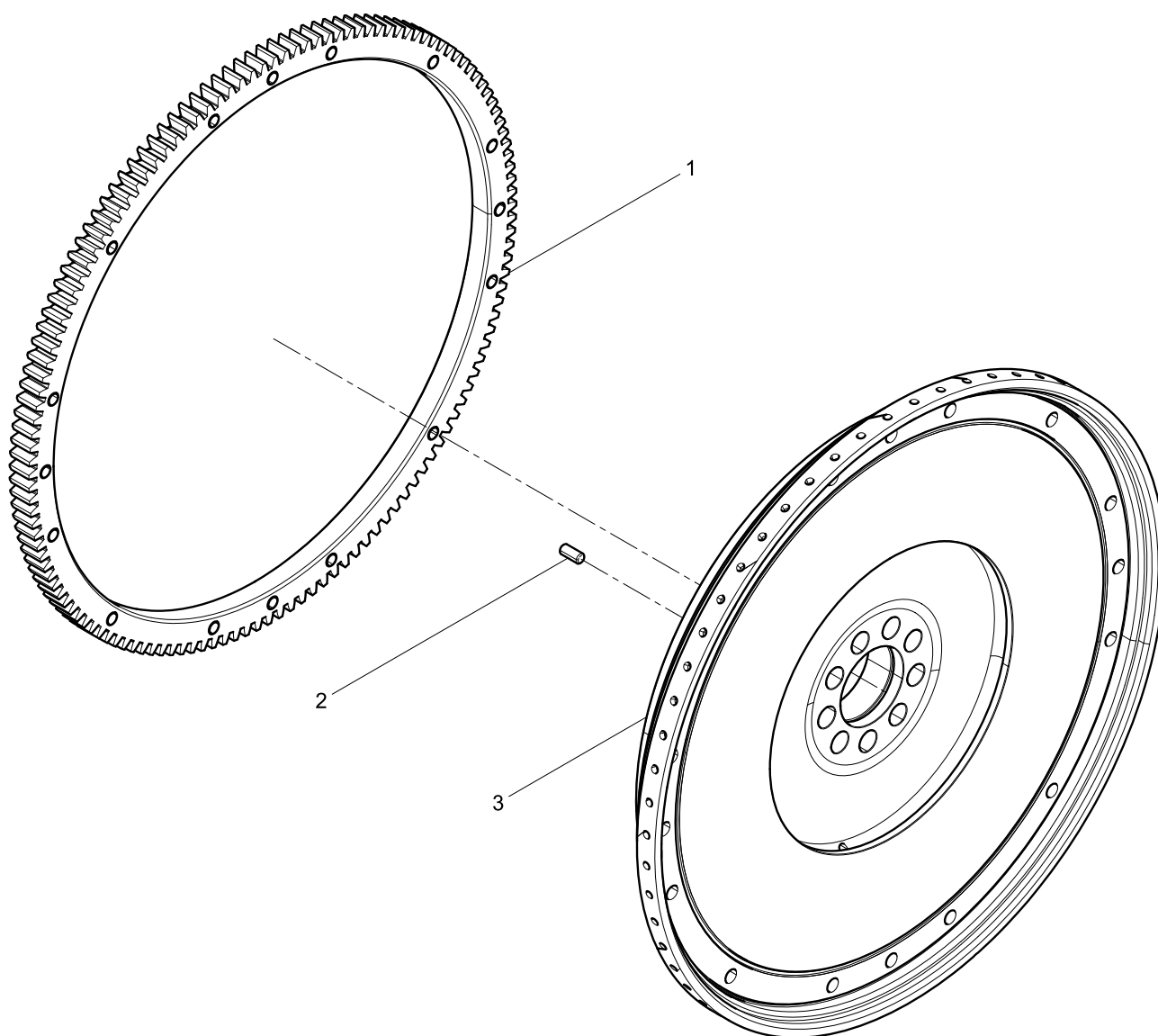
飞轮结合组(Flywheel Group)



飞轮结合组(Flywheel Group)

[illegible]

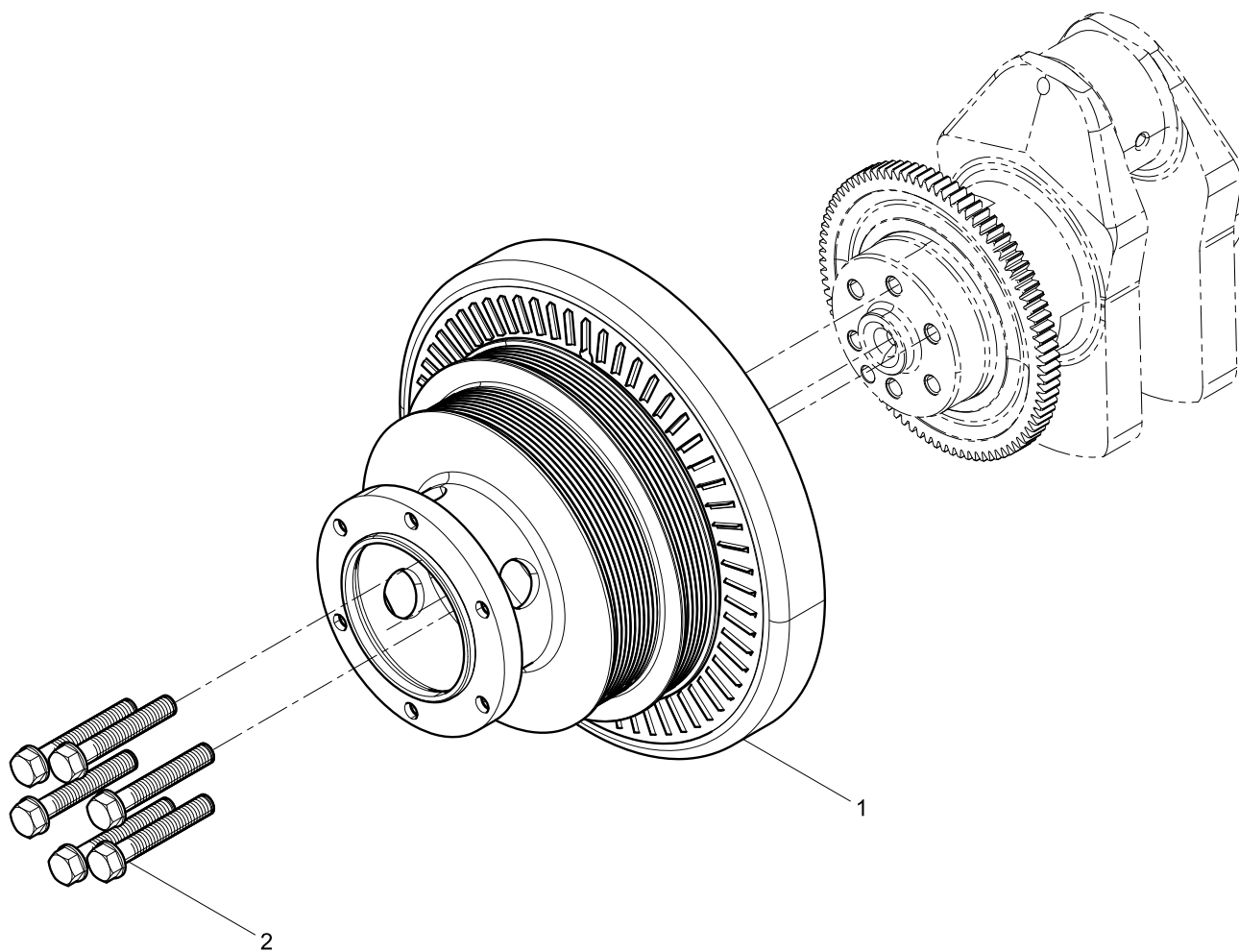
飞轮总成(Flywheel assembly)



飞轮总成(Flywheel assembly)

[illegible]

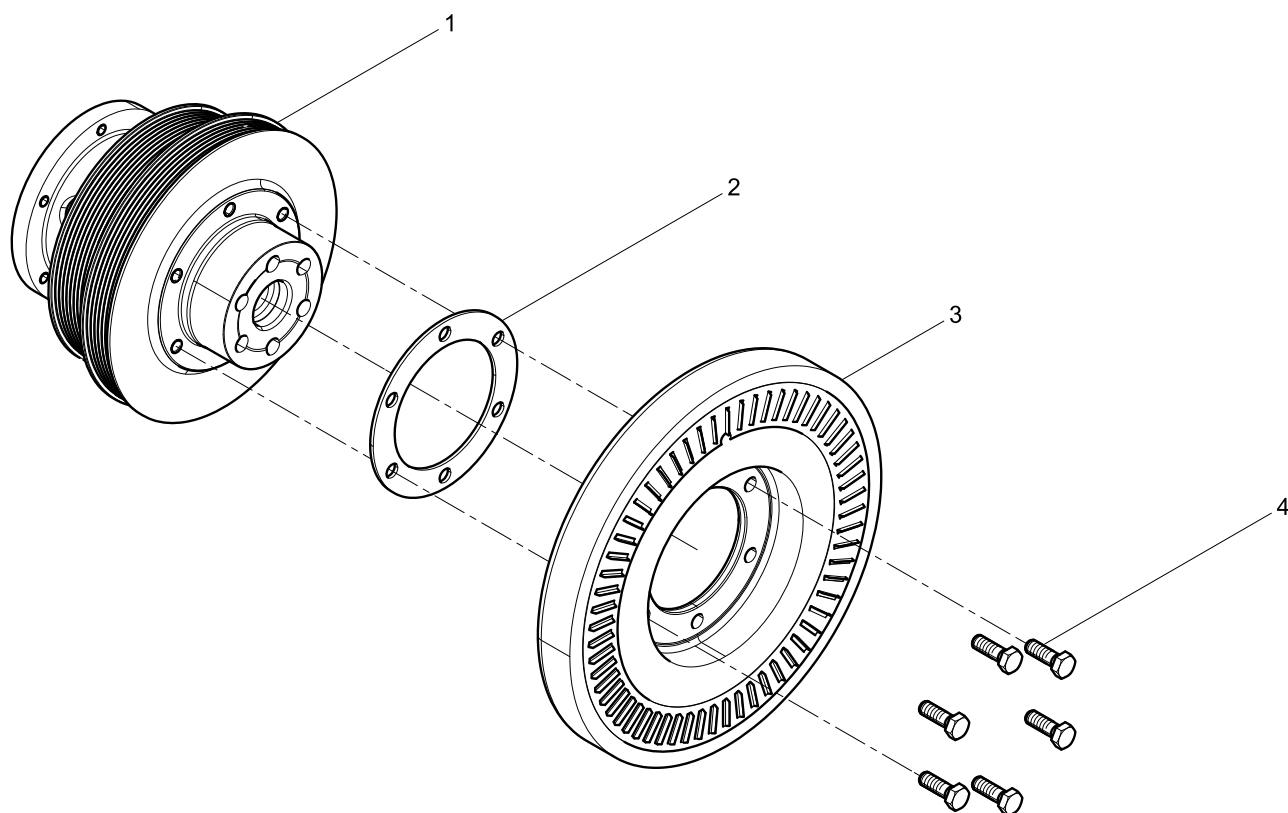
曲轴皮带轮结合组(Crankshaft Pulley Group)



曲轴皮带轮结合组(Crankshaft Pulley Group)

[illegible]

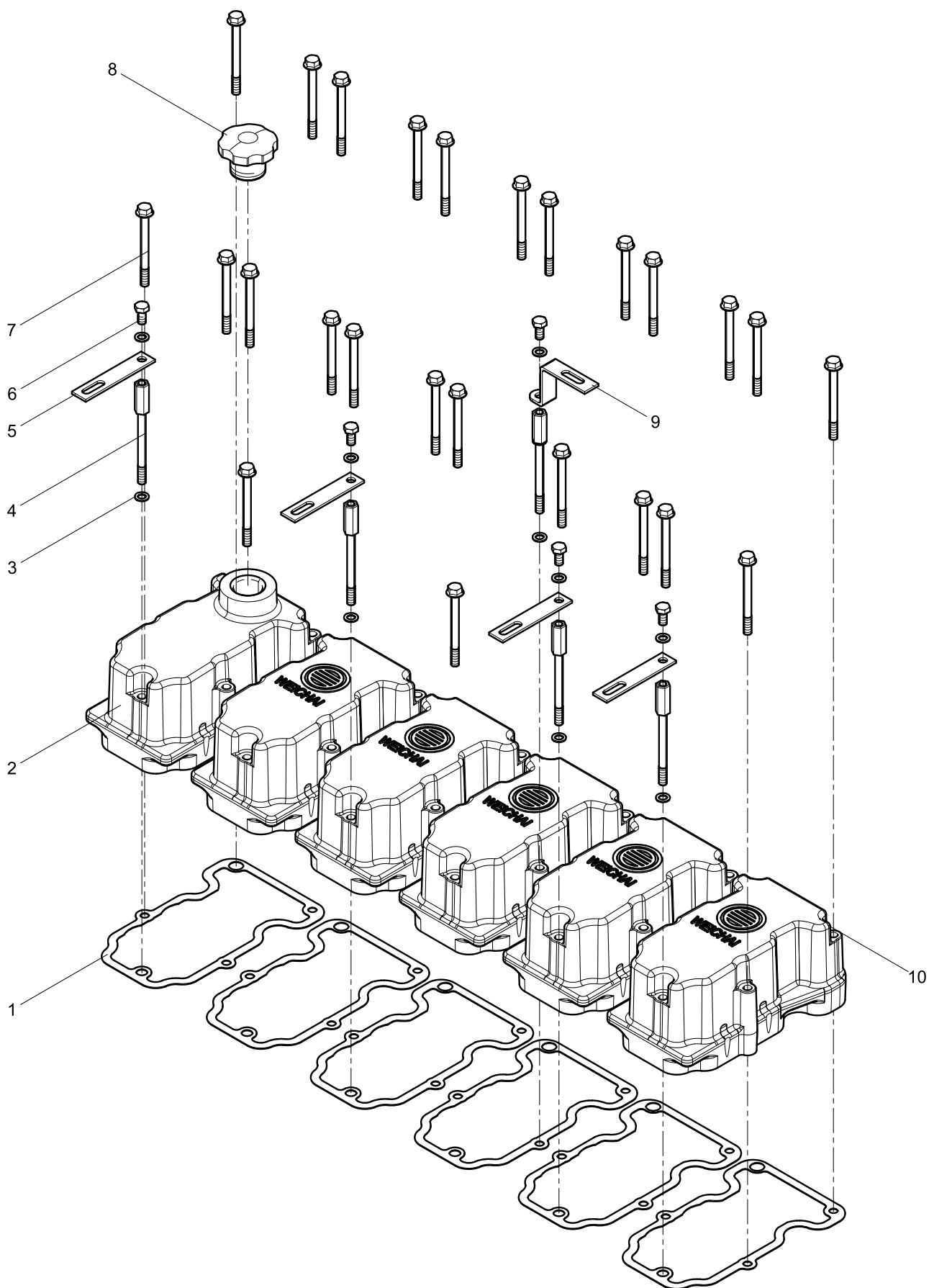
皮带轮总成(Belt pulley assembly)



皮帶輪总成(Belt pulley assembly)

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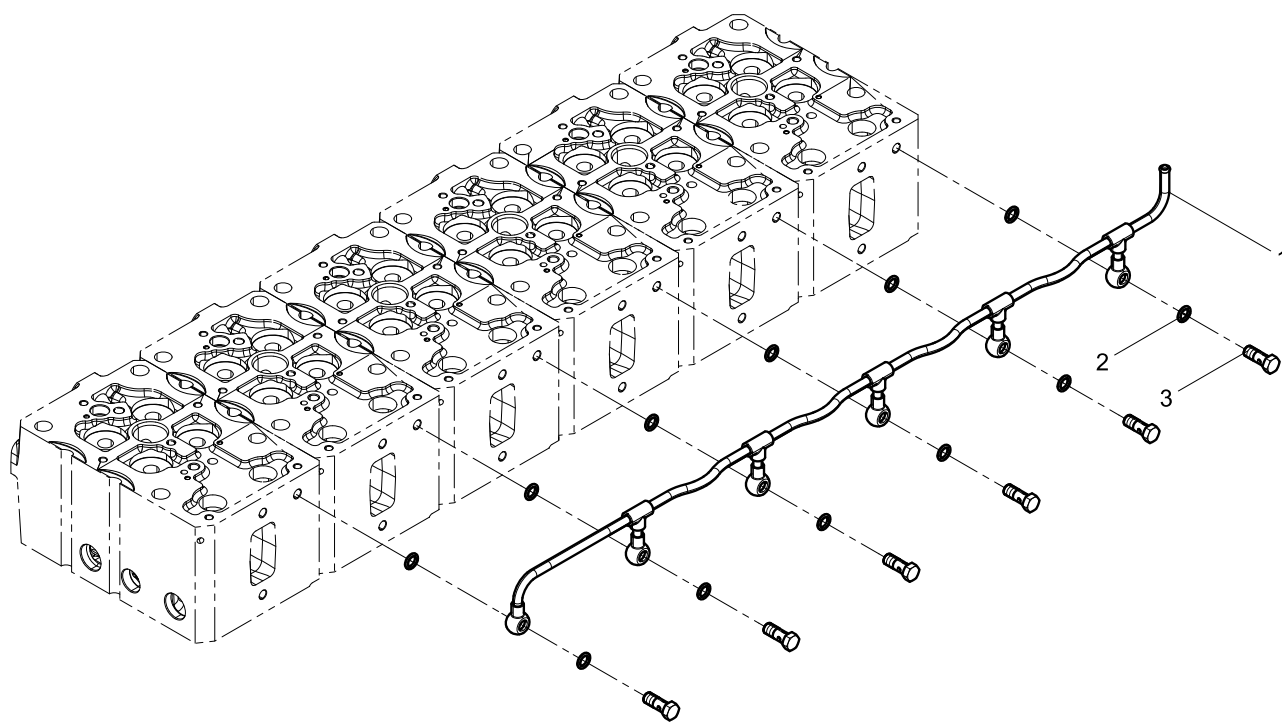
气缸盖罩组件()



气缸盖罩组件0

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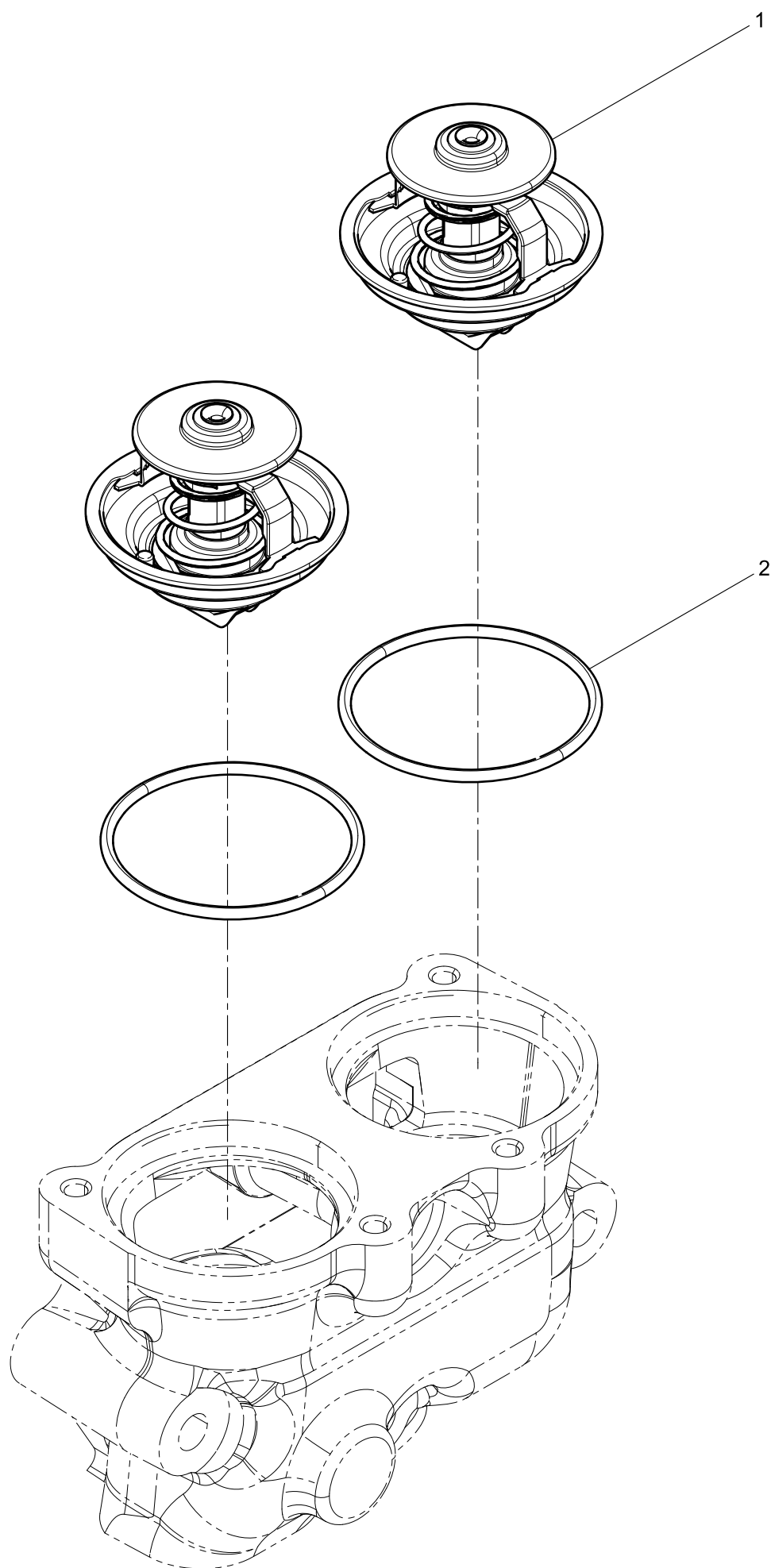
放气管结合组(Air Discharging Pipe Group)



放气管结合组(Air Discharging Pipe Group)

[illegible]

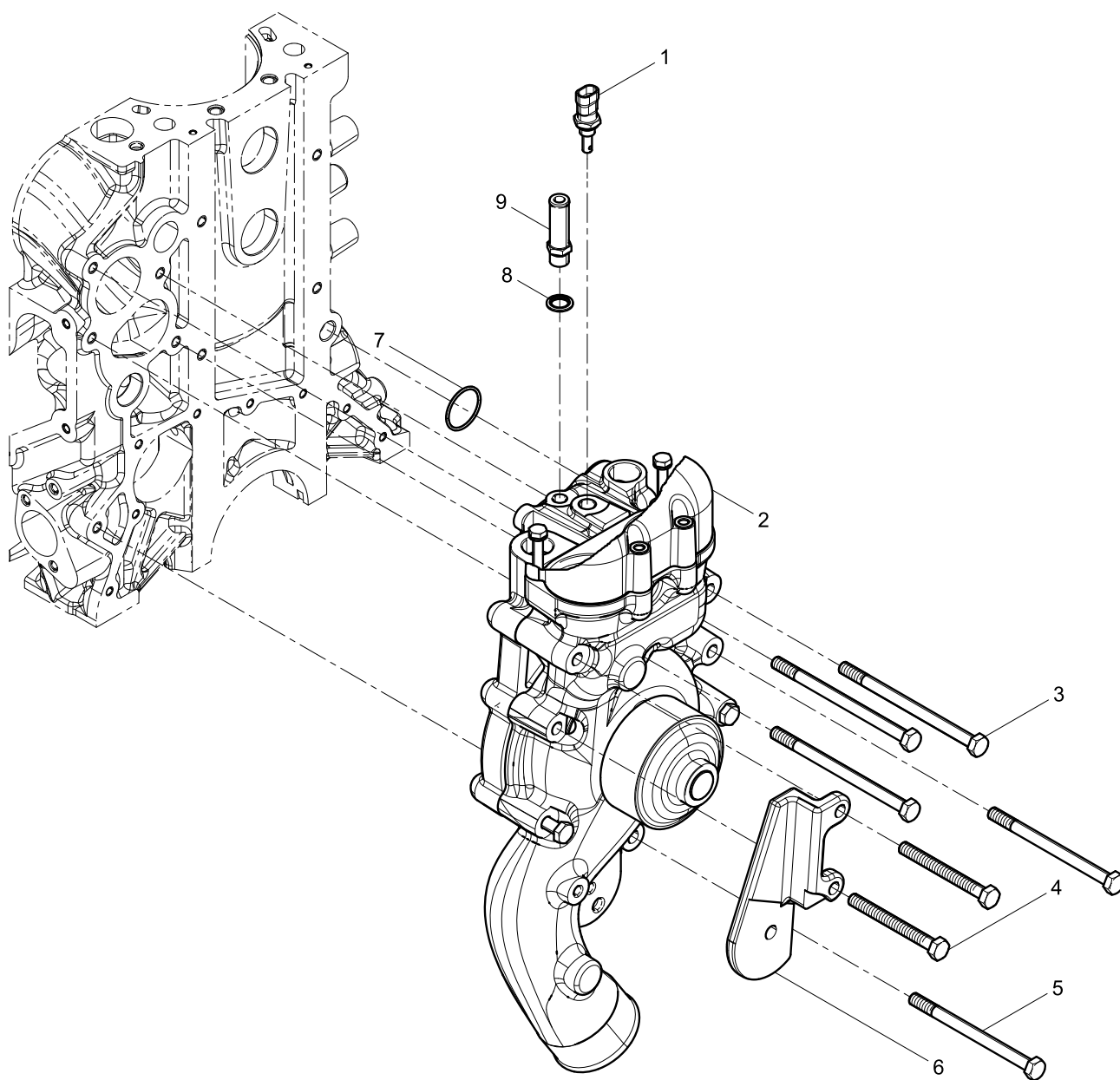
节温器结合组(Thermostat Group)



节温器结合组(Thermostat Group)

[illegible]

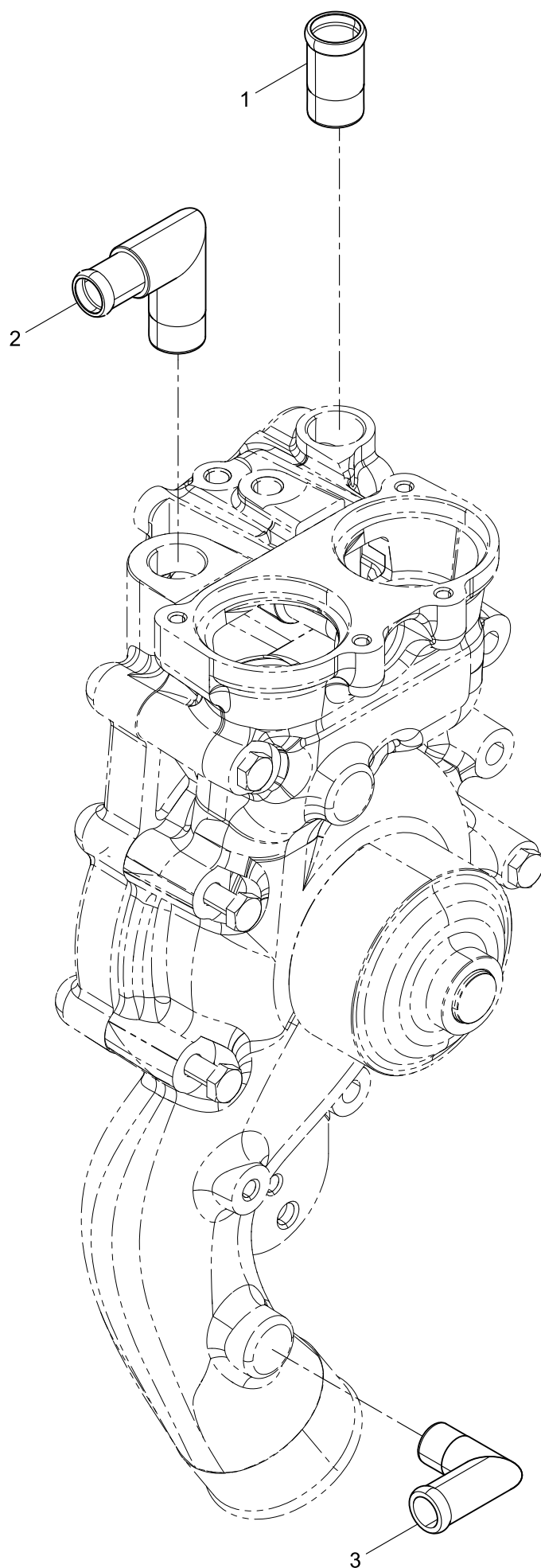
水泵结合组(Water pump assembly)



水泵结合组(Water pump assembly)

[illegible]

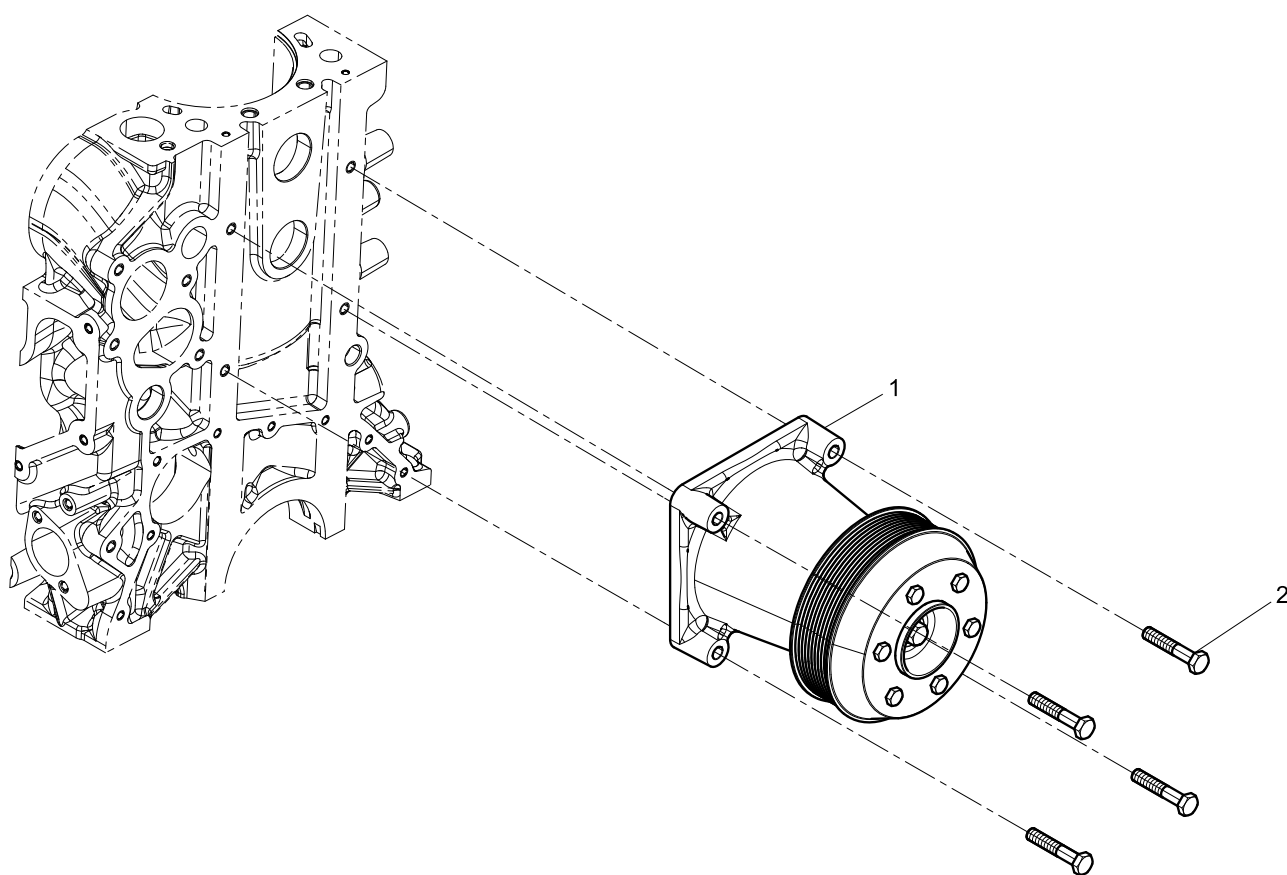
水管接头结合组(Water Pipe Connector Group)



水管接头结合组(Water Pipe Connector Group)

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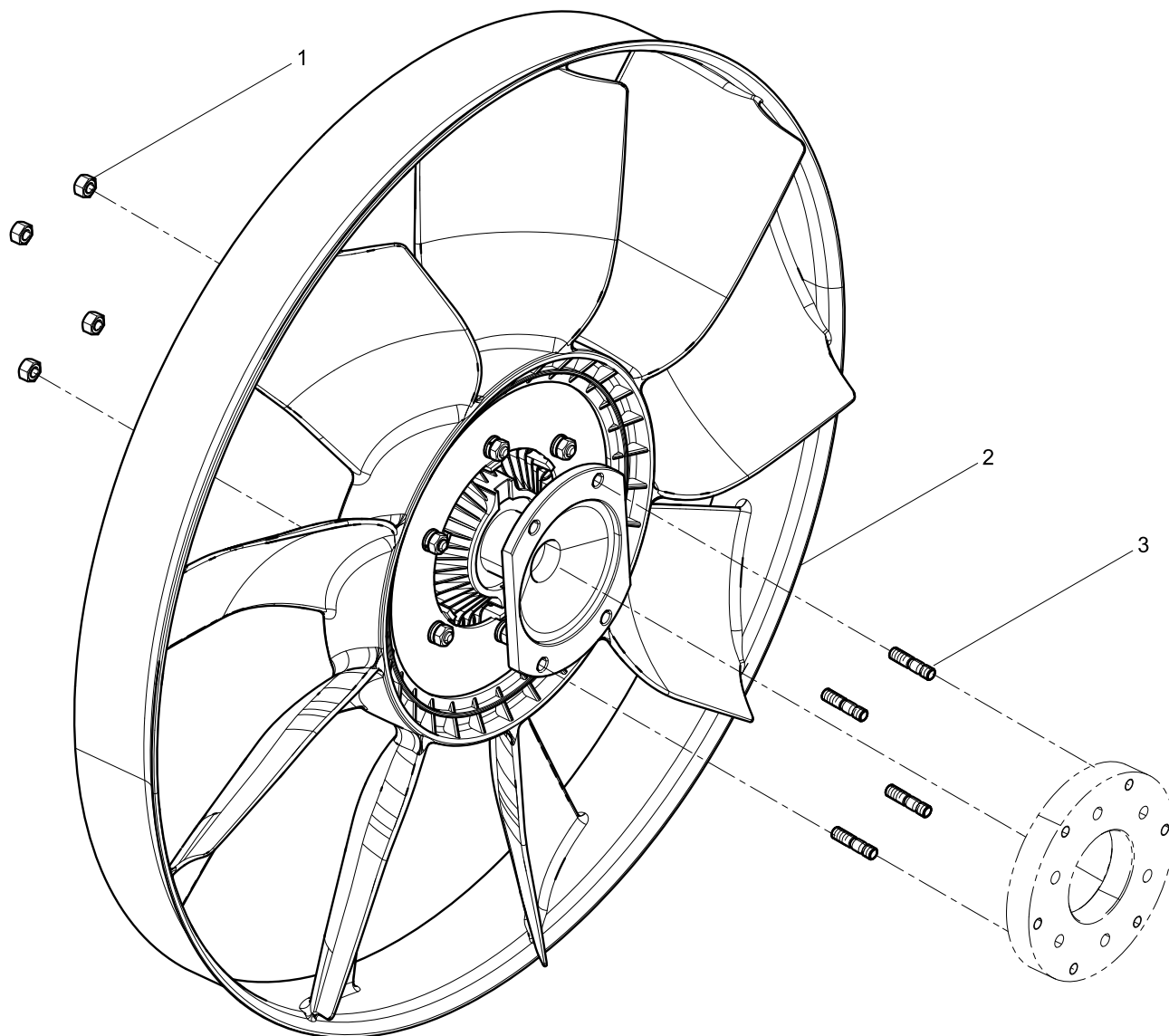
风扇托架结合组(Fan Bracket Group)



风扇托架结合组(Fan Bracket Group)

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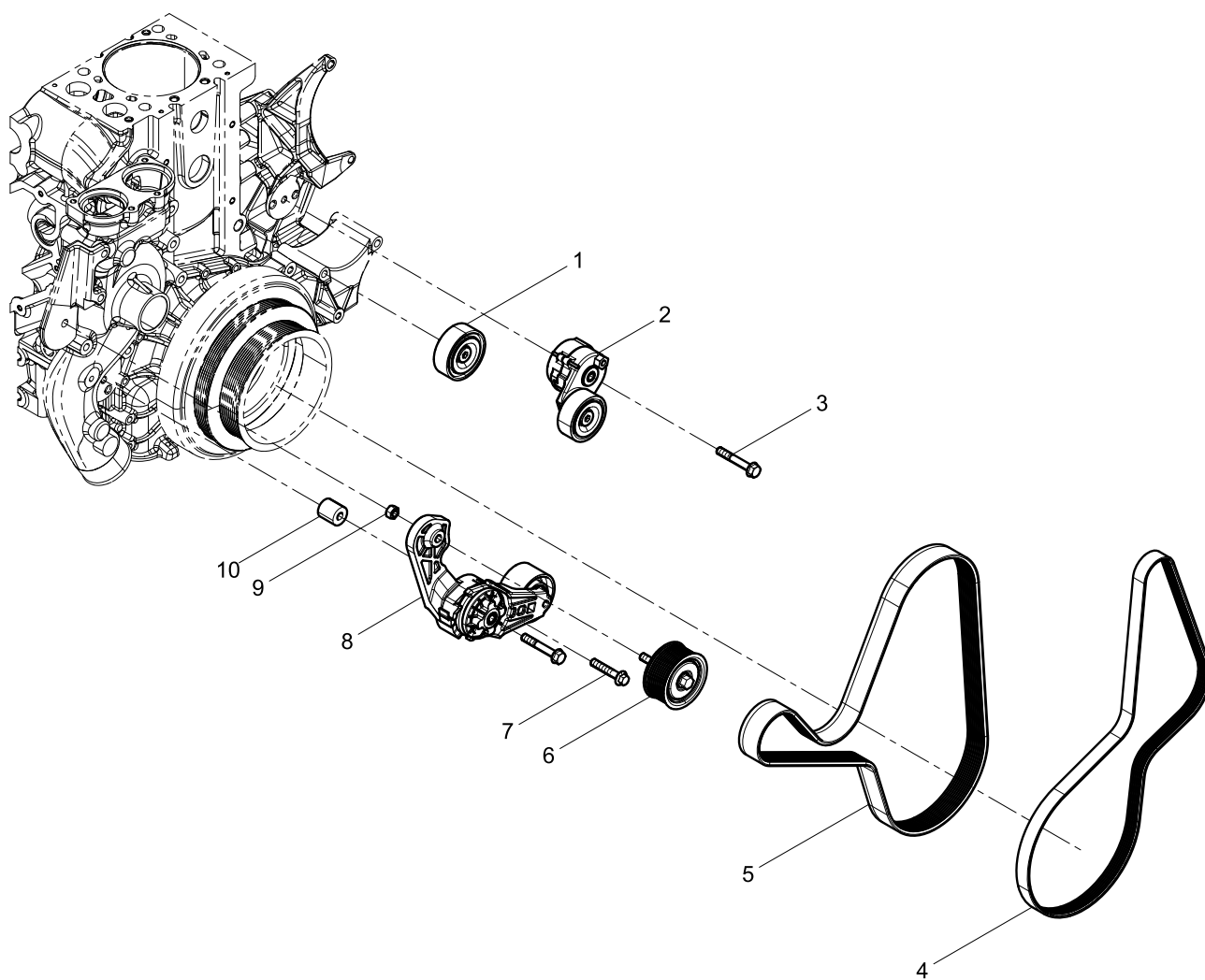
风扇及轮毂结合组(Fan and Hub Group)



风扇及轮毂结合组(Fan and Hub Group)

[illegible]

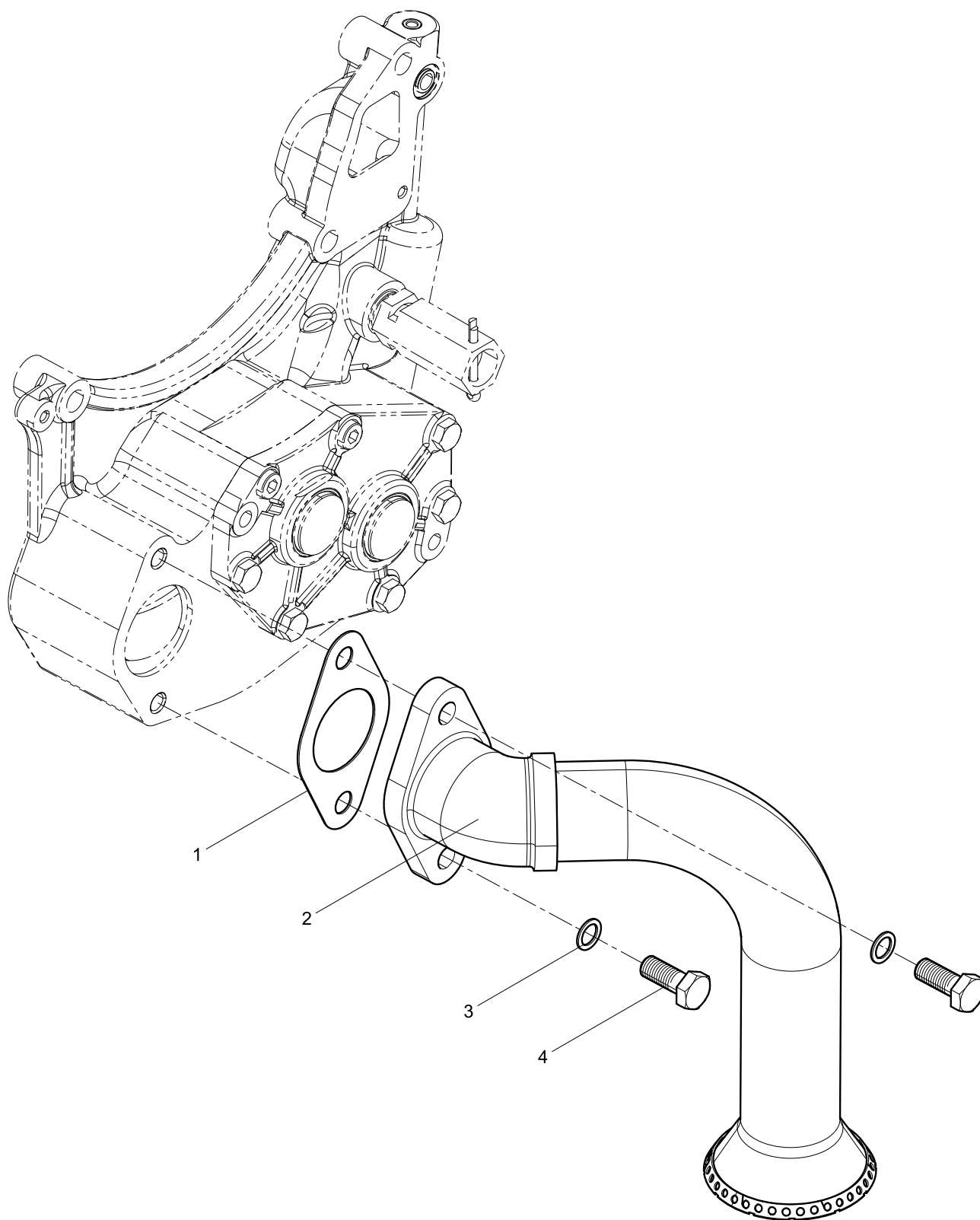
张紧轮及皮带结合组(Tensioner and Belt Assembly)



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

[illegible]

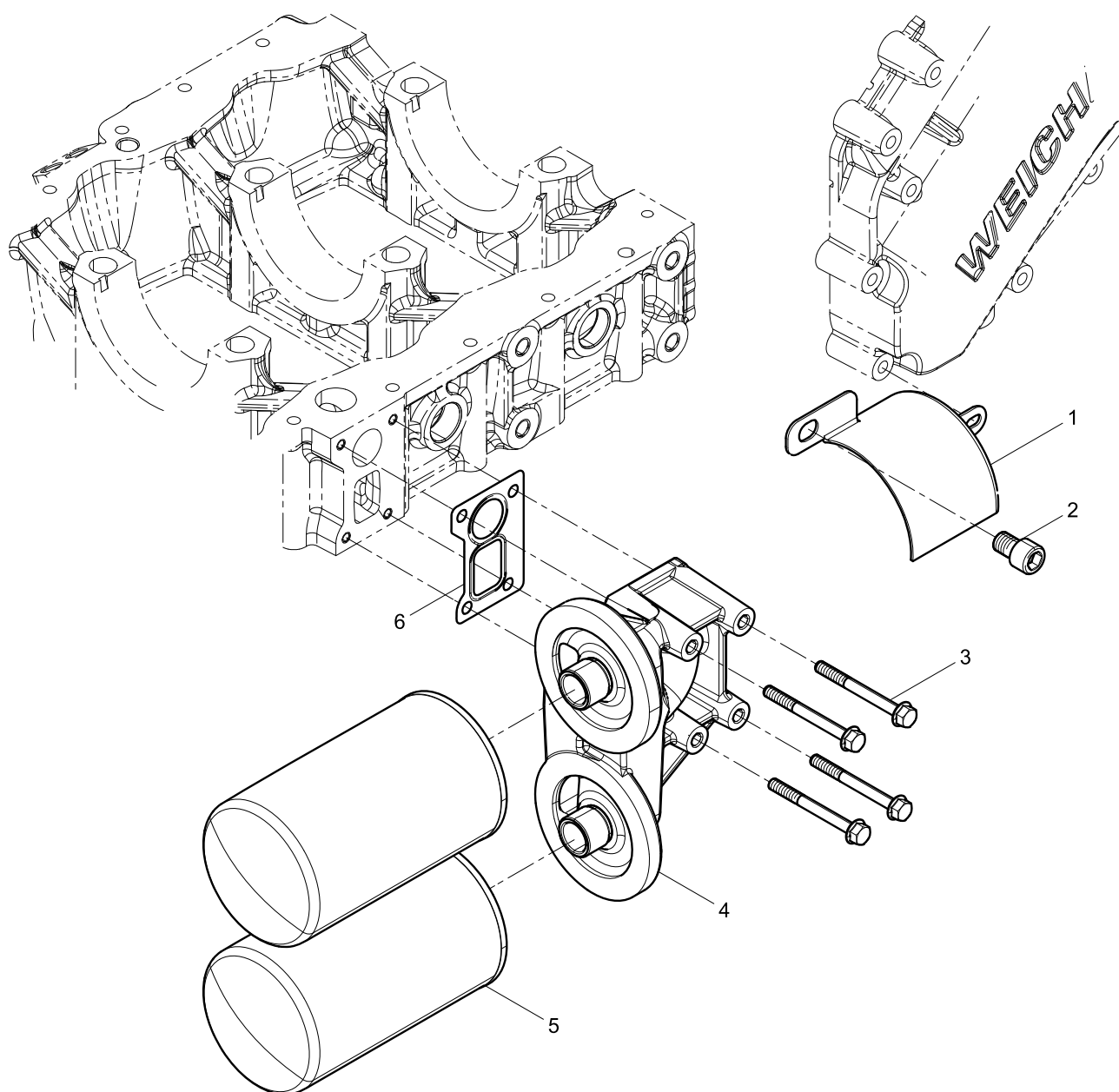
机油集滤器结合组(Oil Suction Strainer Group)



机油集滤器结合组(Oil Suction Strainer Group)

[illegible]

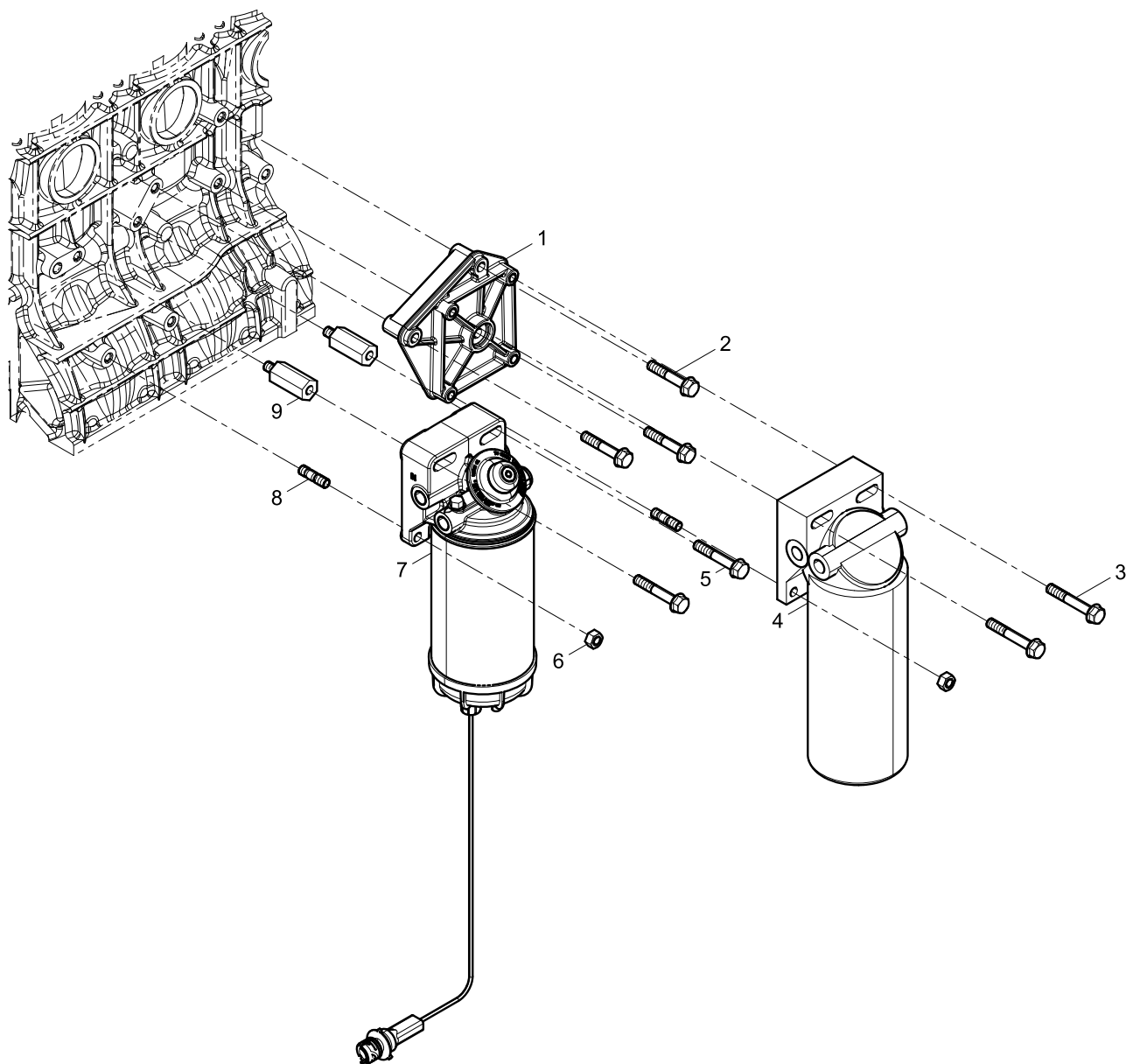
机油滤清器结合组(Oil filter assembly)



机油滤清器结合组(Oil filter assembly)

[illegible]

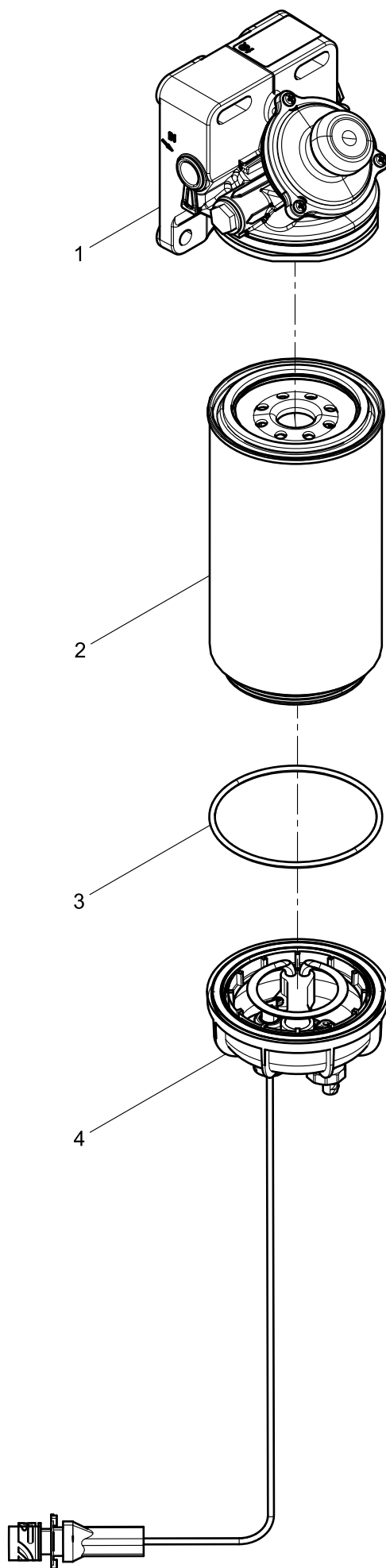
燃油滤清器结合组(Fuel Filter Group)



燃油滤清器结合组(Fuel Filter Group)

[illegible]

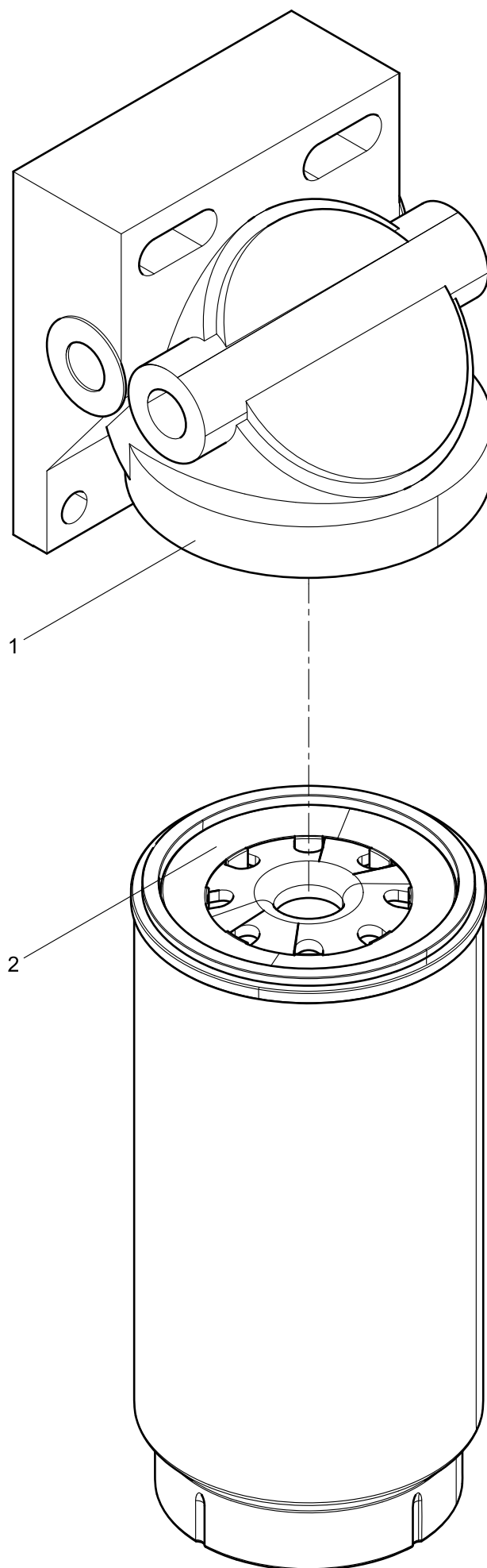
燃油粗滤器(Primary fuel filter)



燃油粗滤器(Primary fuel filter)

[illegible]

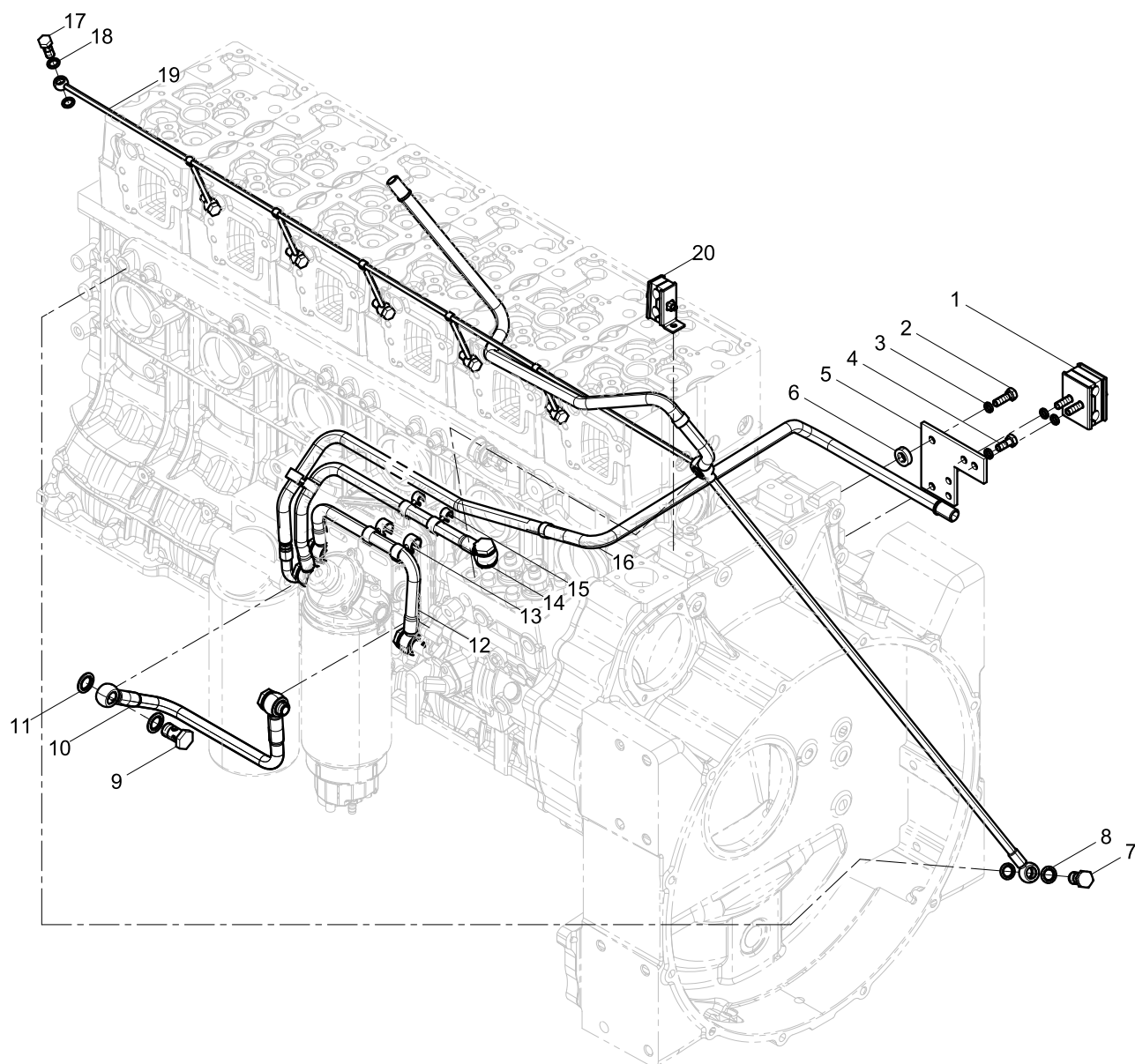
精滤器(Fine filter)



精滤器(Fine filter)

[illegible]

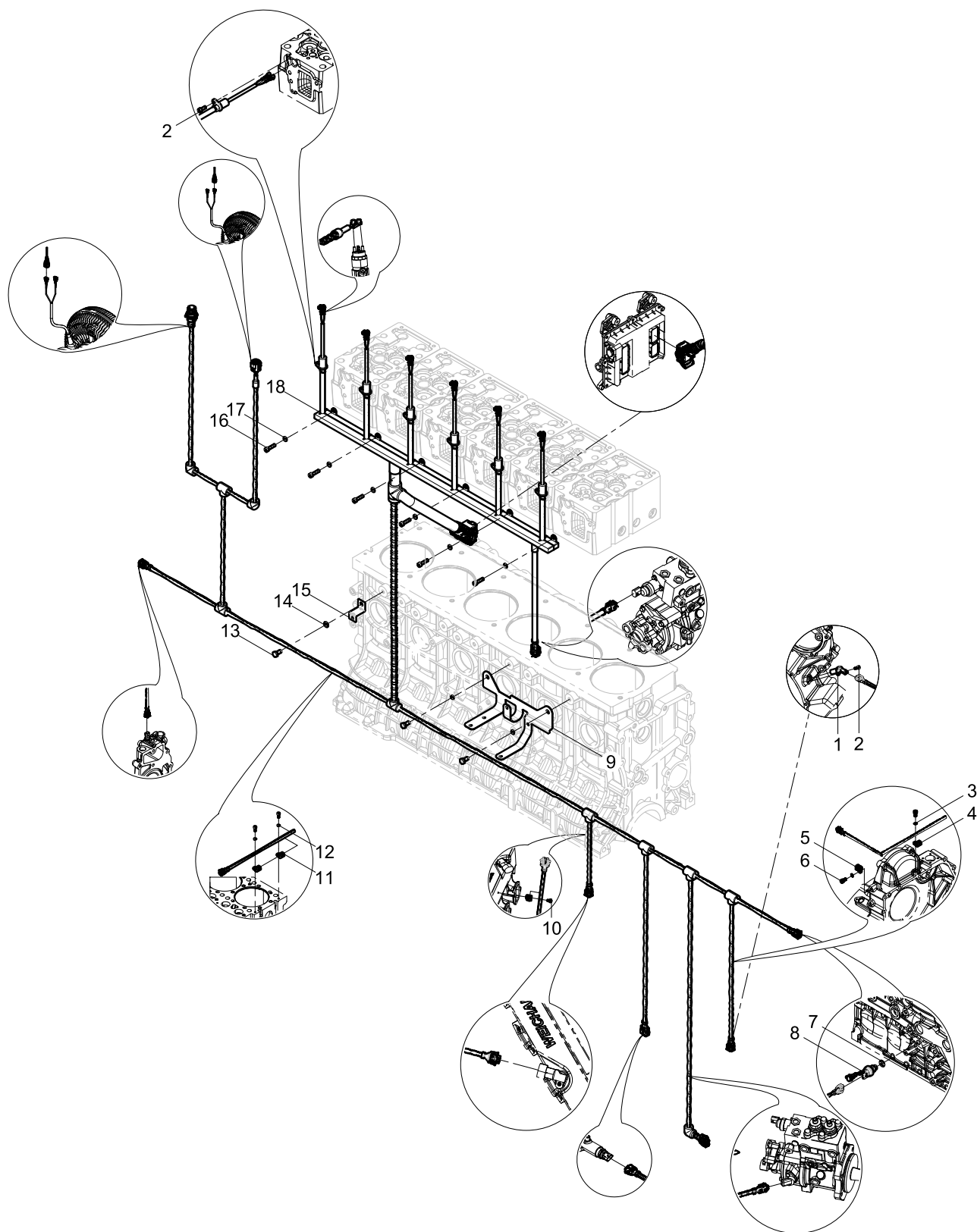
低压油管结合组(Low Pressure Oil pipe Group)



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	Pipe Clip
14	612630080014	1	燃油管总成	Fuel pipe assembly
15	612600080949	2	管卡	Pipe Clip
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

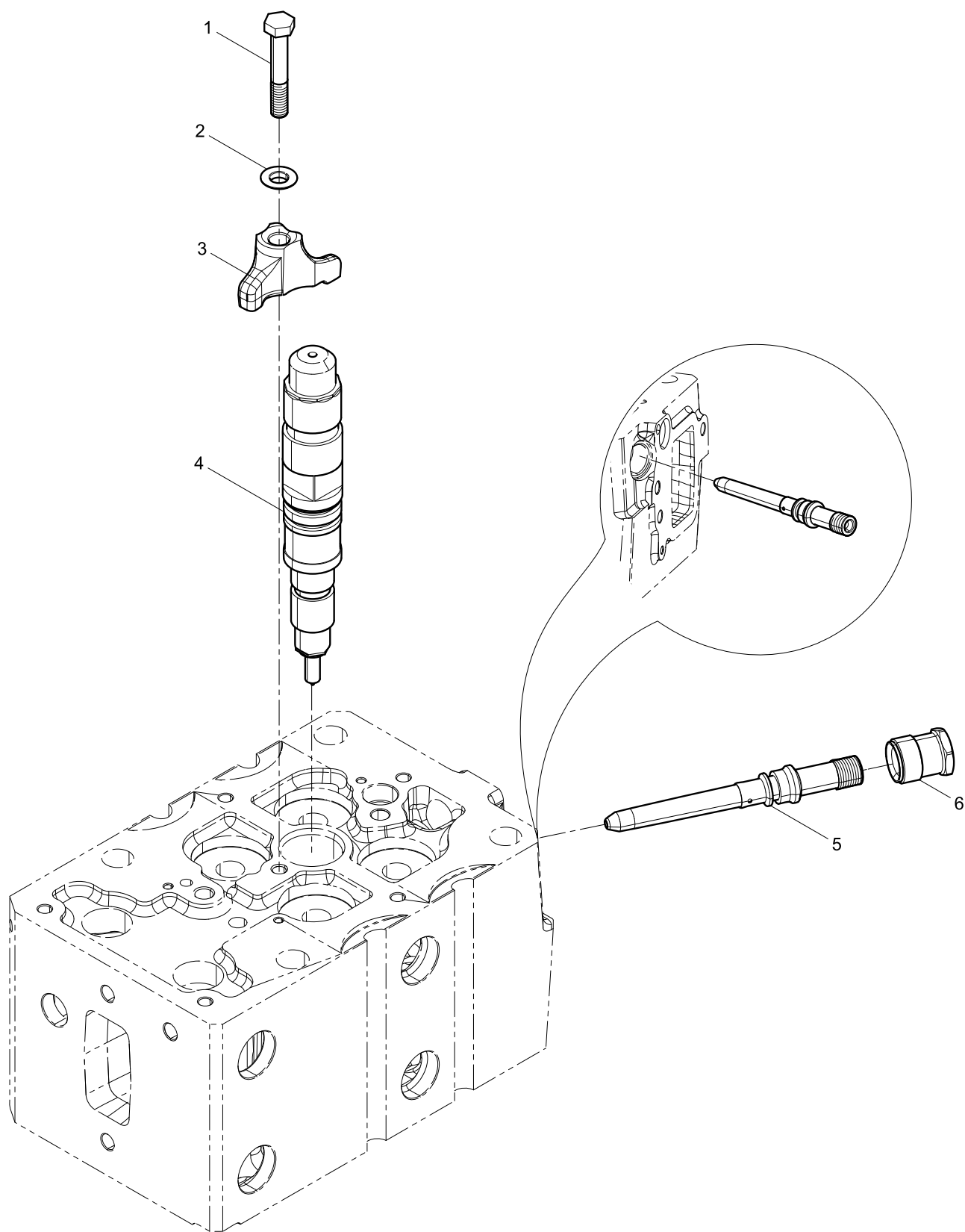
电控线束及传感器结合组(Electronic Control System Harness and Sensor Group)



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	612600090766	1	机油压力传感器	Oil pressure 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	Bracket
16	90003862327	6	内六角圆柱头螺钉	Inner hexagon screw
17	90003930251	6	小垫圈	Small washer
18	612640080061	1	发动机线束总成	Engine Harness Assembly

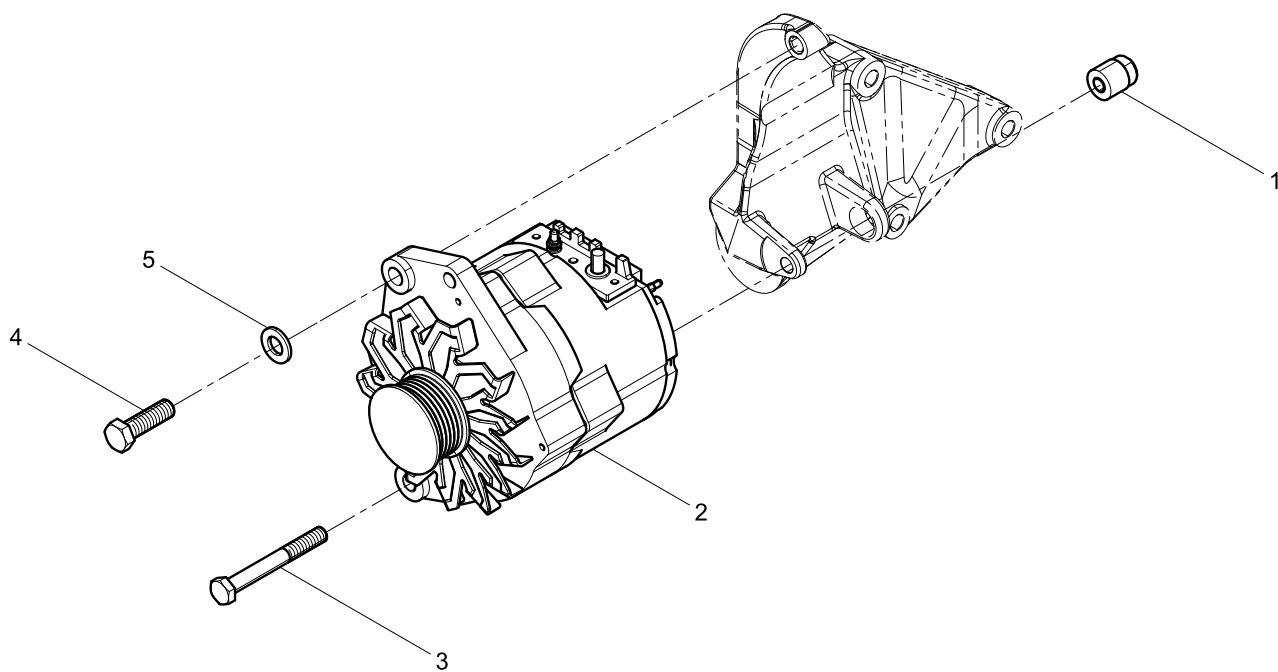
喷油器结合组(Injector assembly)



喷油器结合组(Injector assembly)

[illegible]

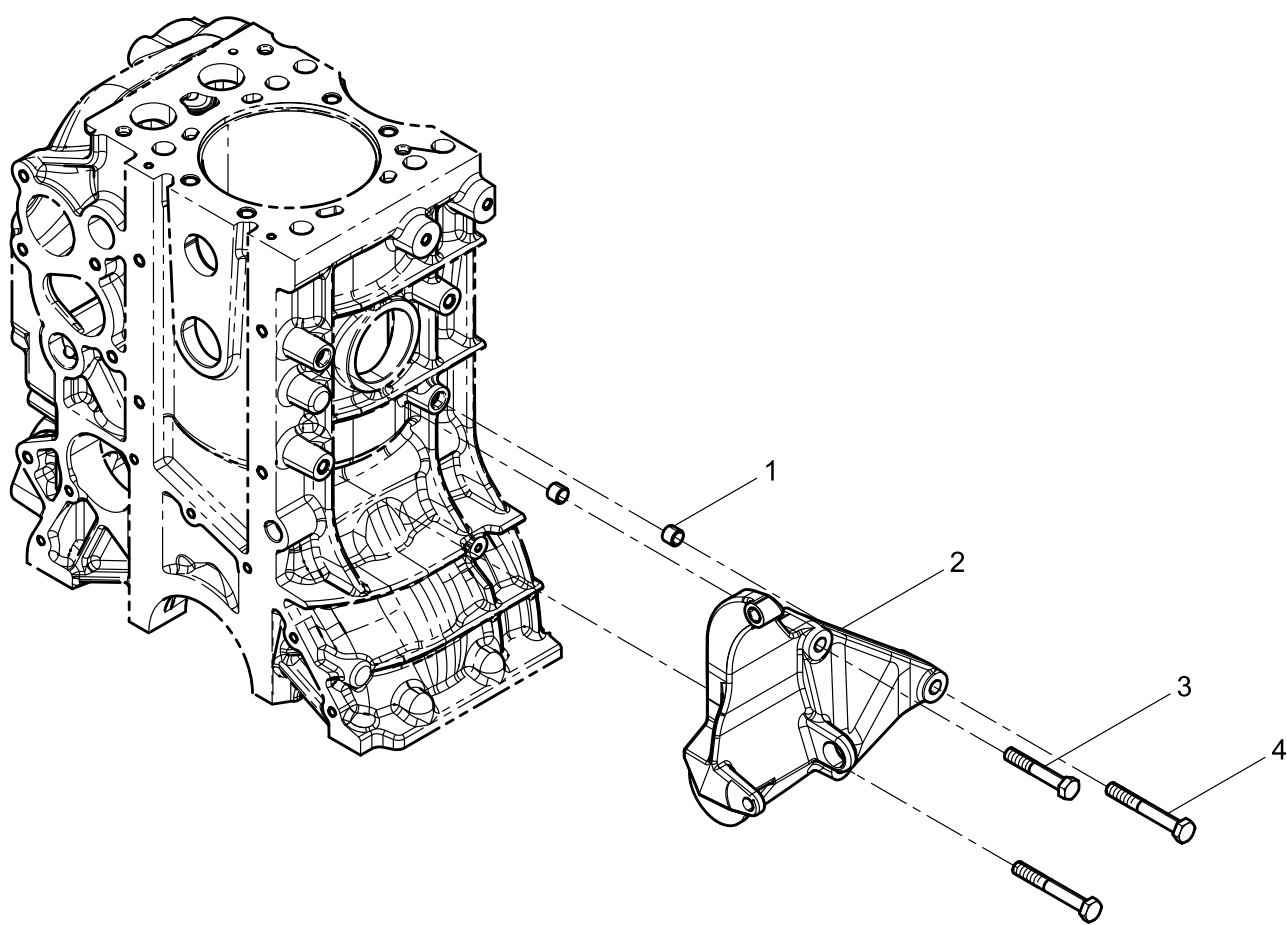
发电机结合组(Generator Group)



发电机结合组(Generator Group)

[illegible]

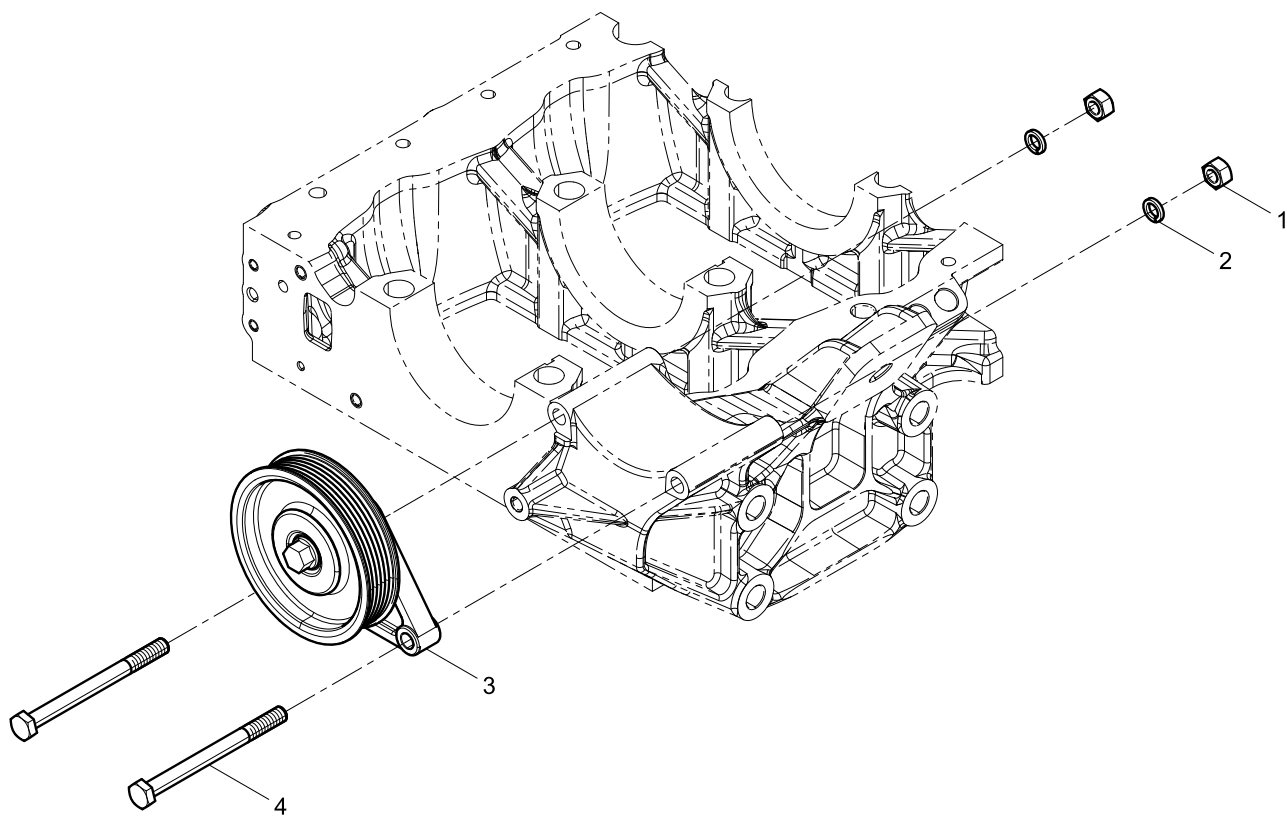
发电机支架结合组(Generator Bracket Group)



发电机支架结合组(Generator Bracket Group)

[illegible]

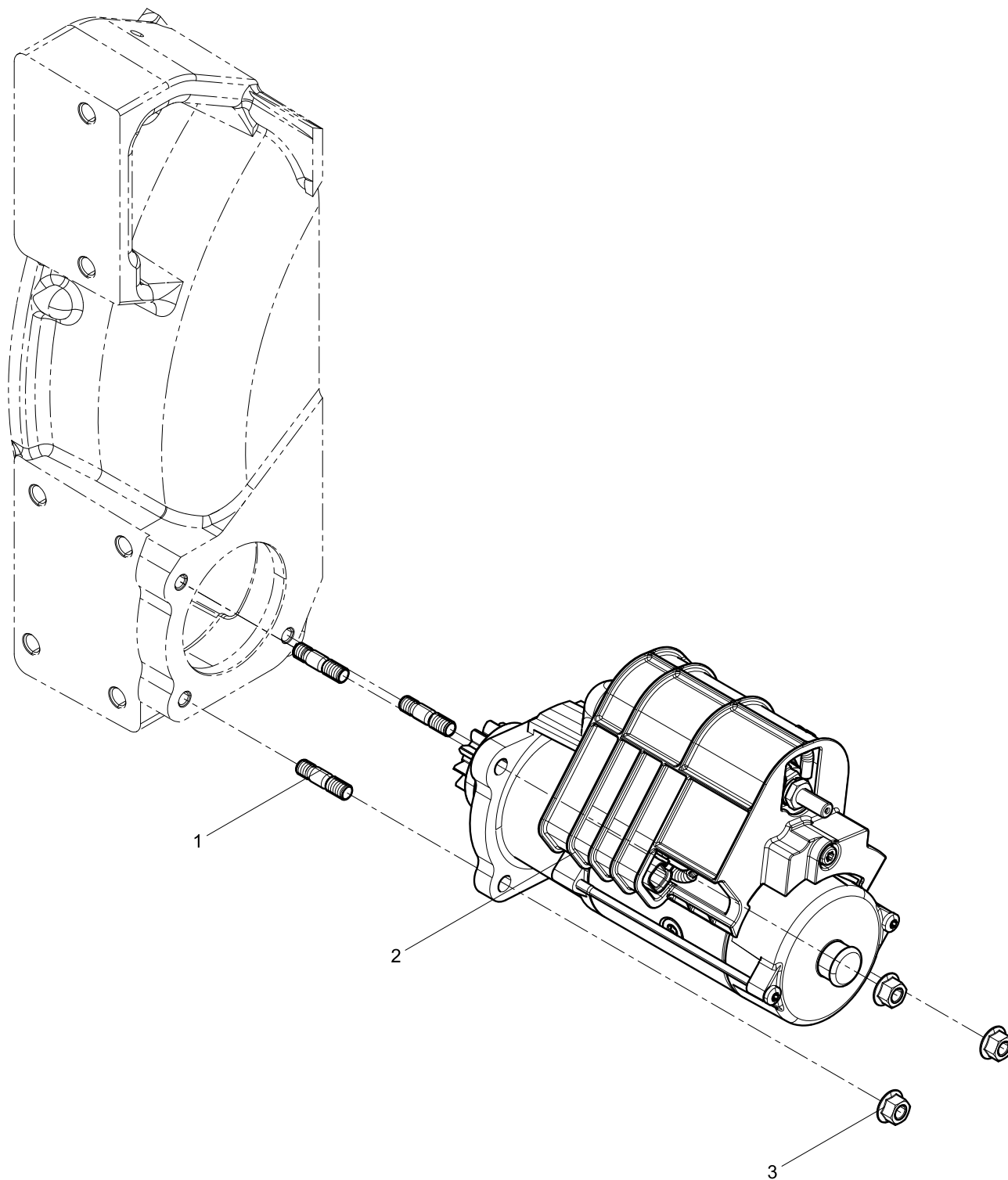
空调压缩机结合组(Air Conditionning Compressor Group)



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

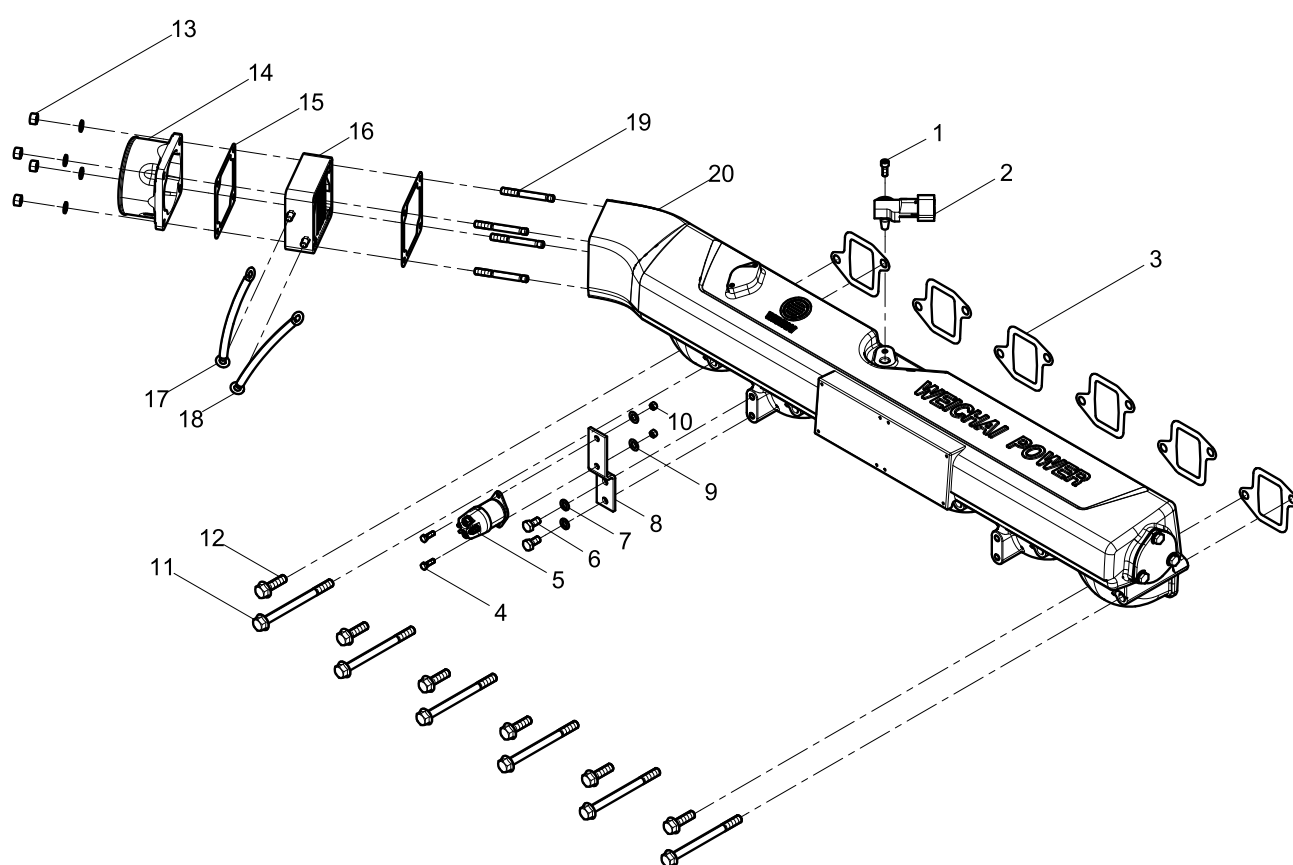
[illegible]

起动机结合组(Starter Motor Group)



[illegible]

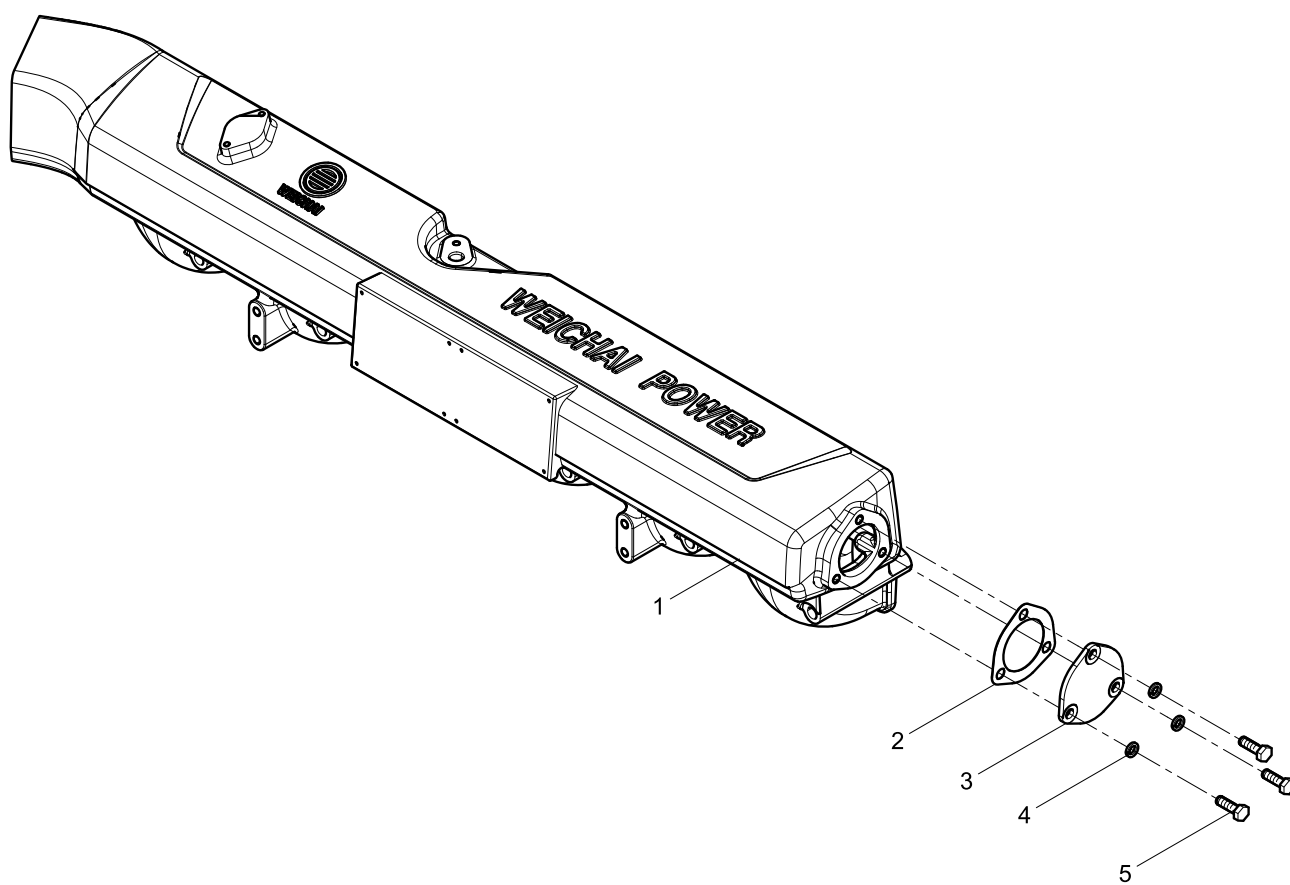
进气管结合组(Intake Manifold Group)



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	90011270061	2	六角头螺栓 全螺纹	
5	612630080076	1	进气加热继电器	
6	90003802411	2	六角头螺栓	Hexagon bolt
7	90003932023	6	波形弹性垫圈	Wave spiral washer
8	612630120205	1	支架	Bracket
9	90014040007	2	平垫圈	Flat washer
10	90012210018	2	1型六角螺母	Hexagon nut (I)
11	612639000003	6	六角头螺栓	Hexagon bolt
12	612639000002	6	六角头螺栓	Hexagon bolt
13	90003888451	4	2型全金属六角锁紧螺母	Prevailing Torque Type All-metal Hexagon Nut,
14	612600111755	1	进气接管	Air intake joint pipe
15	612630120002	2	垫片	Gasket
16	612630120003	1	加热器	Heater
17	612600081782	1	进气加热器负极搭铁线	
18	612600090661	1	加热系统线束	
19	90003813470	4	双头螺柱	Stud
20	612630120220	1	进气管总成	Air inlet pipe assembly

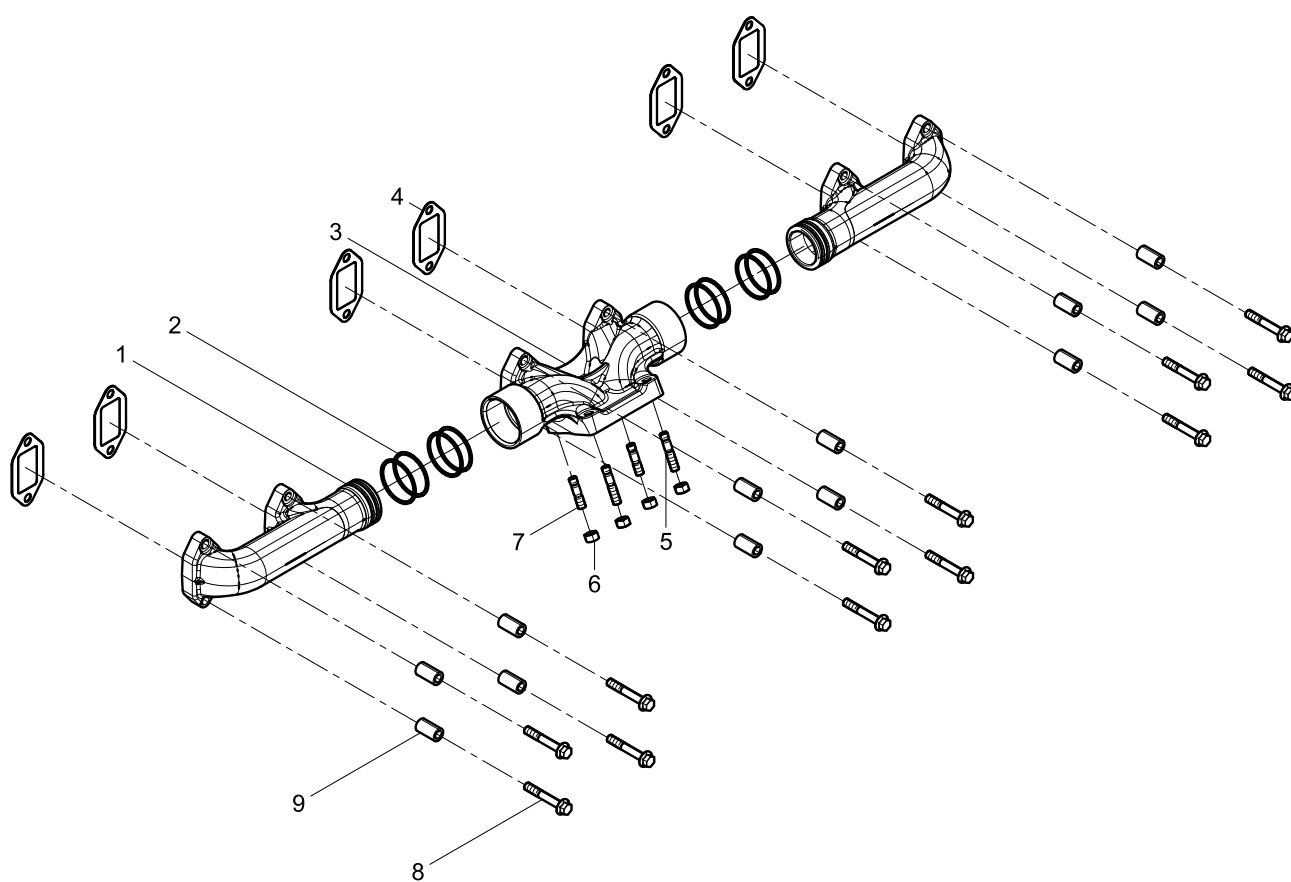
进气管总成(Air inlet pipe assembly)



进气管总成(Air inlet pipe assembly)

[illegible]

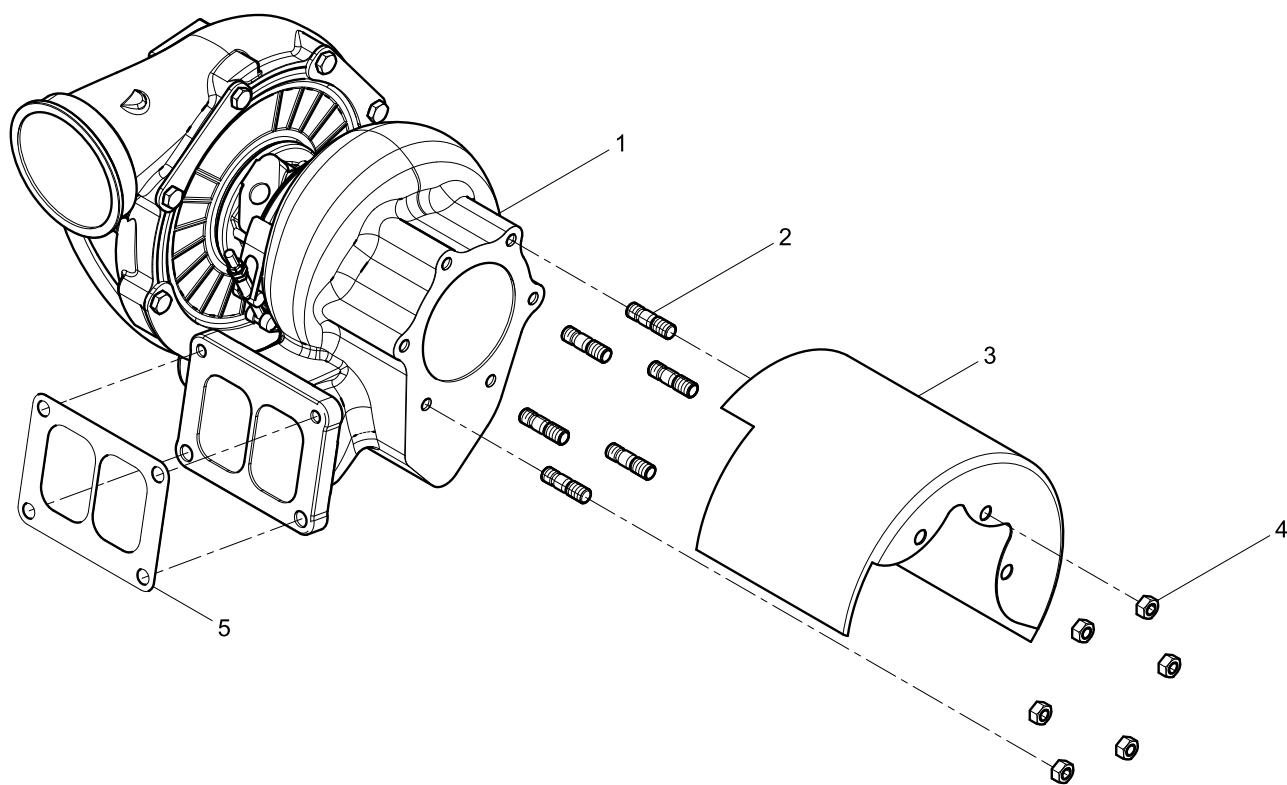
排气管结合组(Exhaust Manifold Group)



排气管结合组(Exhaust Manifold Group)

[illegible]

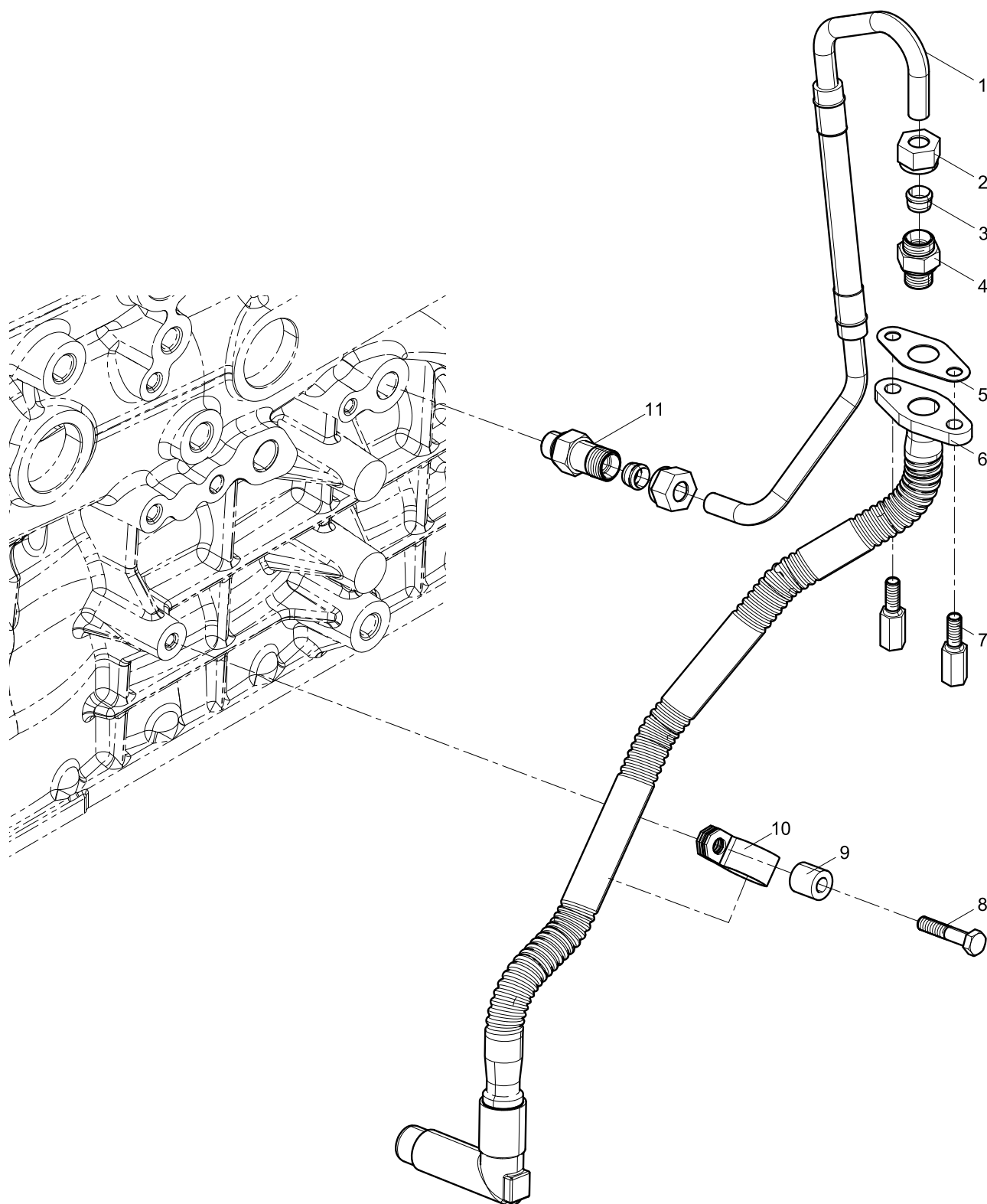
增压器结合组(Turbocharger assembly)



增压器结合组(Turbocharger assembly)

[illegible]

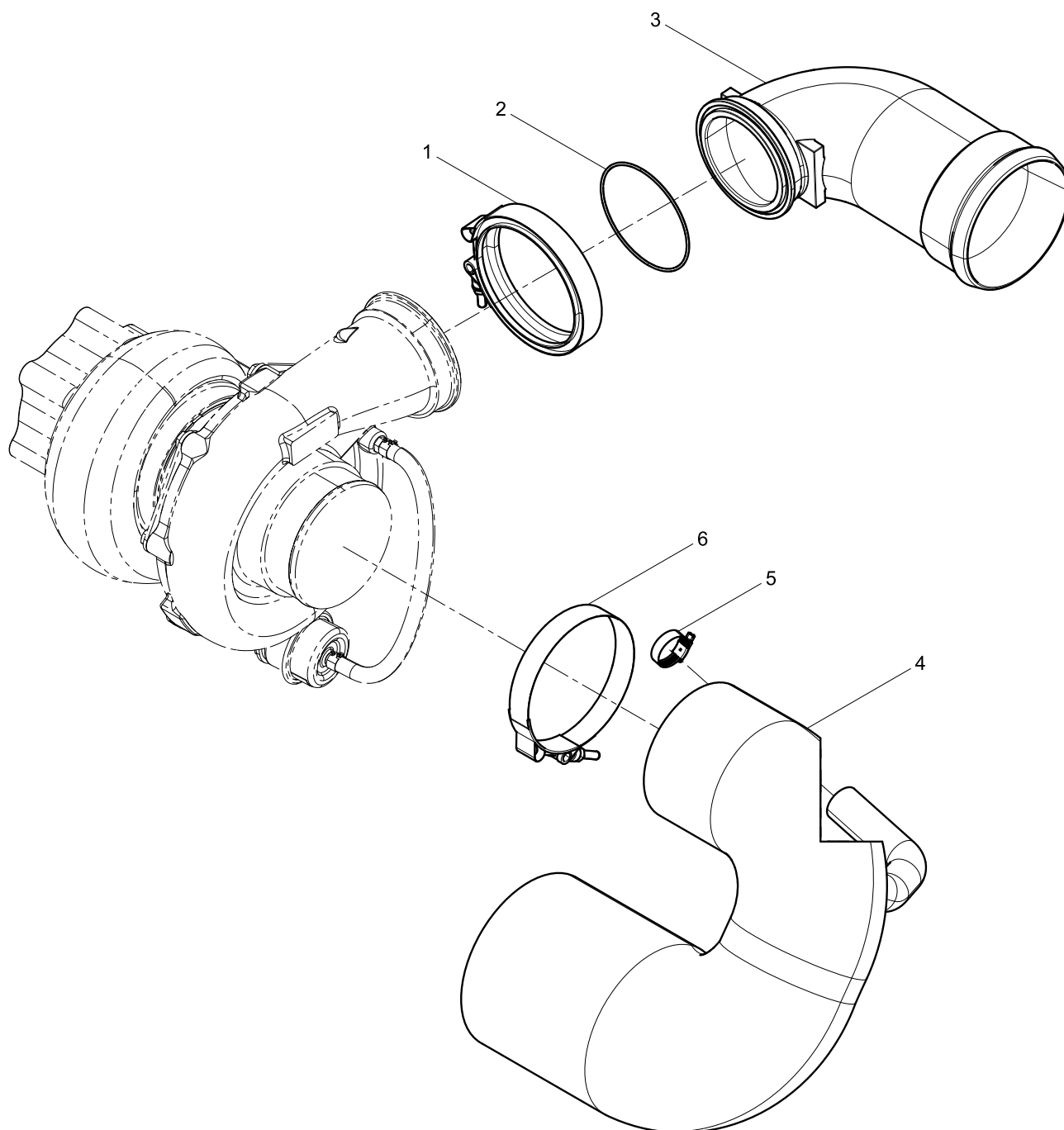
增压器润滑油管结合组(Turbocharger Oil pipe Group)



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

[illegible]

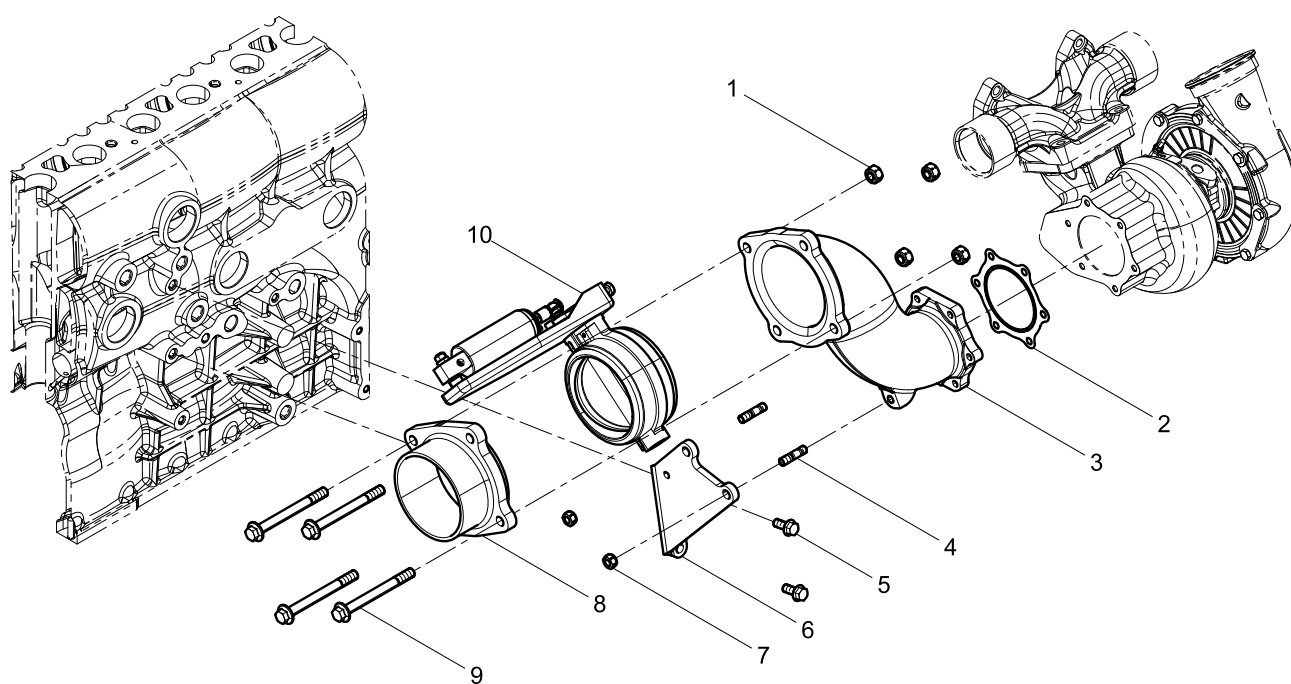
压气机管路结合组(Compressor Pipeline Group)



压气机管路结合组(Compressor Pipeline Group)

[illegible]

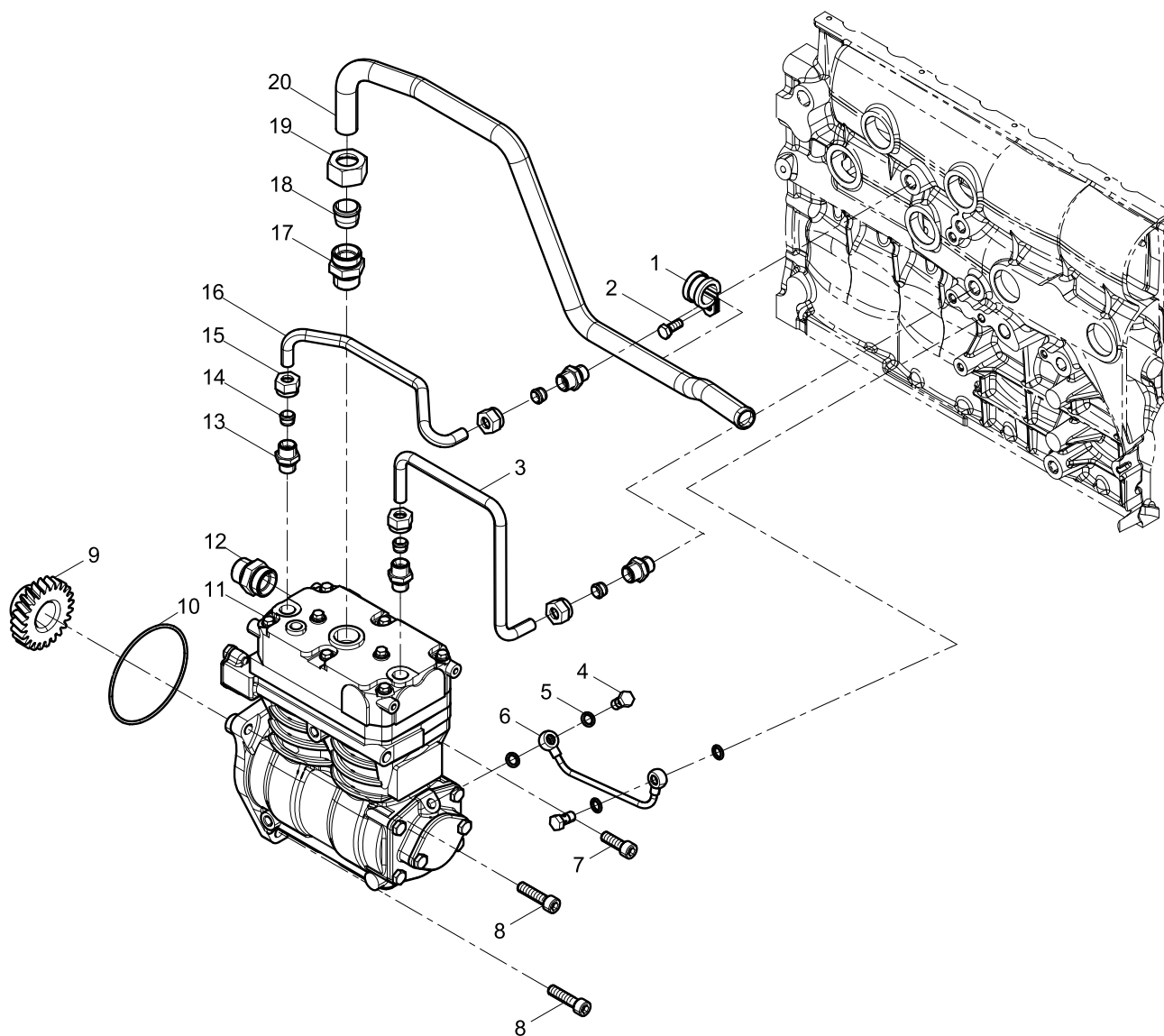
后排气管结合组(Rear Exhaust Manifold Group)



后排气管结合组(Rear Exhaust Manifold Group)

[illegible]

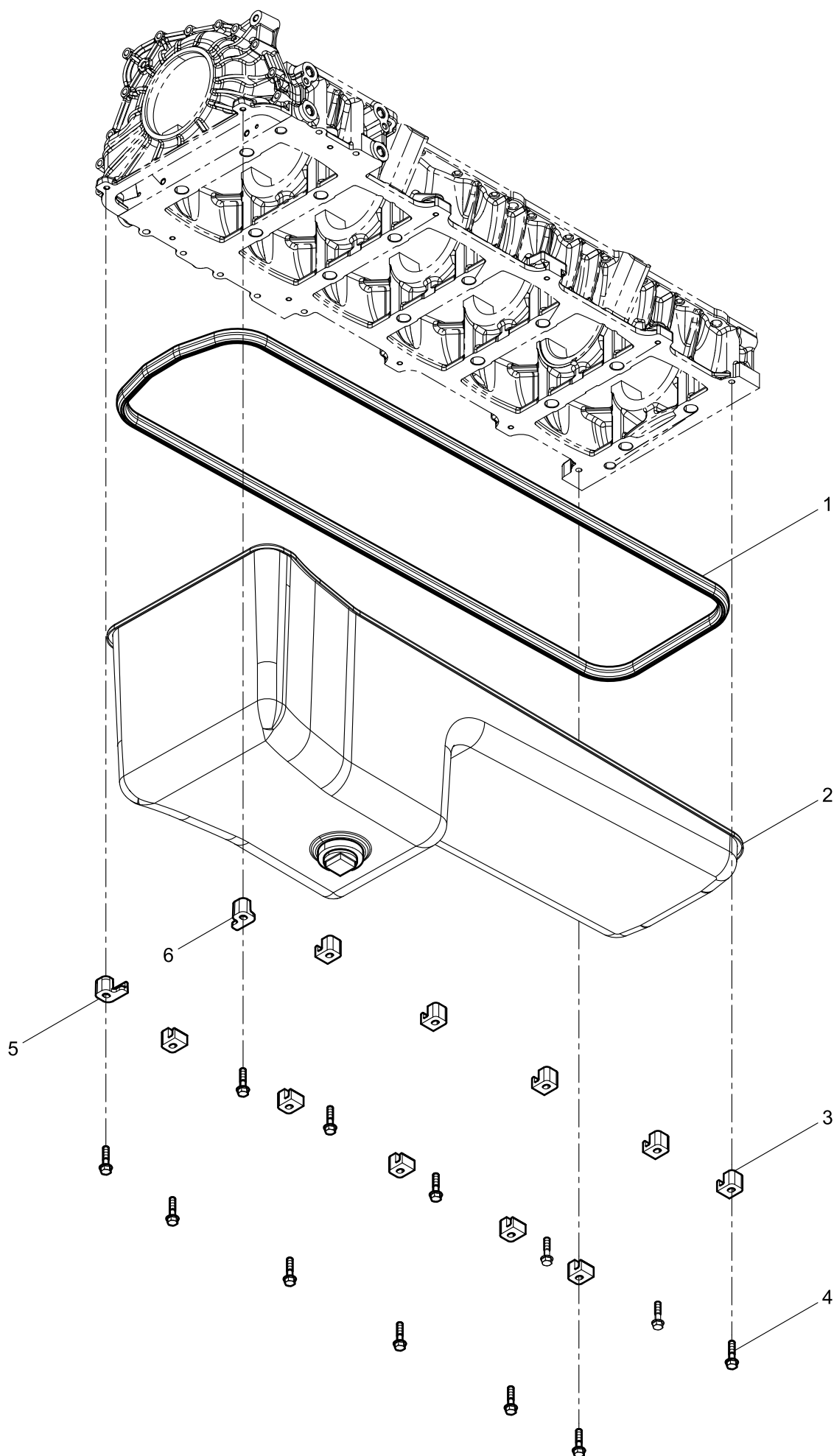
空压机结合组(Air Compressor Group)



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	Oil pipe
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	Air compressor
12	612600130275	1	空压机出气接头	Air outlet nipple of air compressor
13	612639000057	4	双管接头	Adapter
14	90003559563	4	卡套	Cutting sleeve
15	612639000022	4	联接螺母	Coupling nut
16	612630030034	1	空压机出水管	Water outlet pipe of air compressor
17	612639000060	1	双管接头	Adapter
18	612639000082	1	卡套	Cutting sleeve
19	612639000041	1	管接螺母	Nut
20	612630030033	1	空压机进气管	Air inlet pipe of air compressor

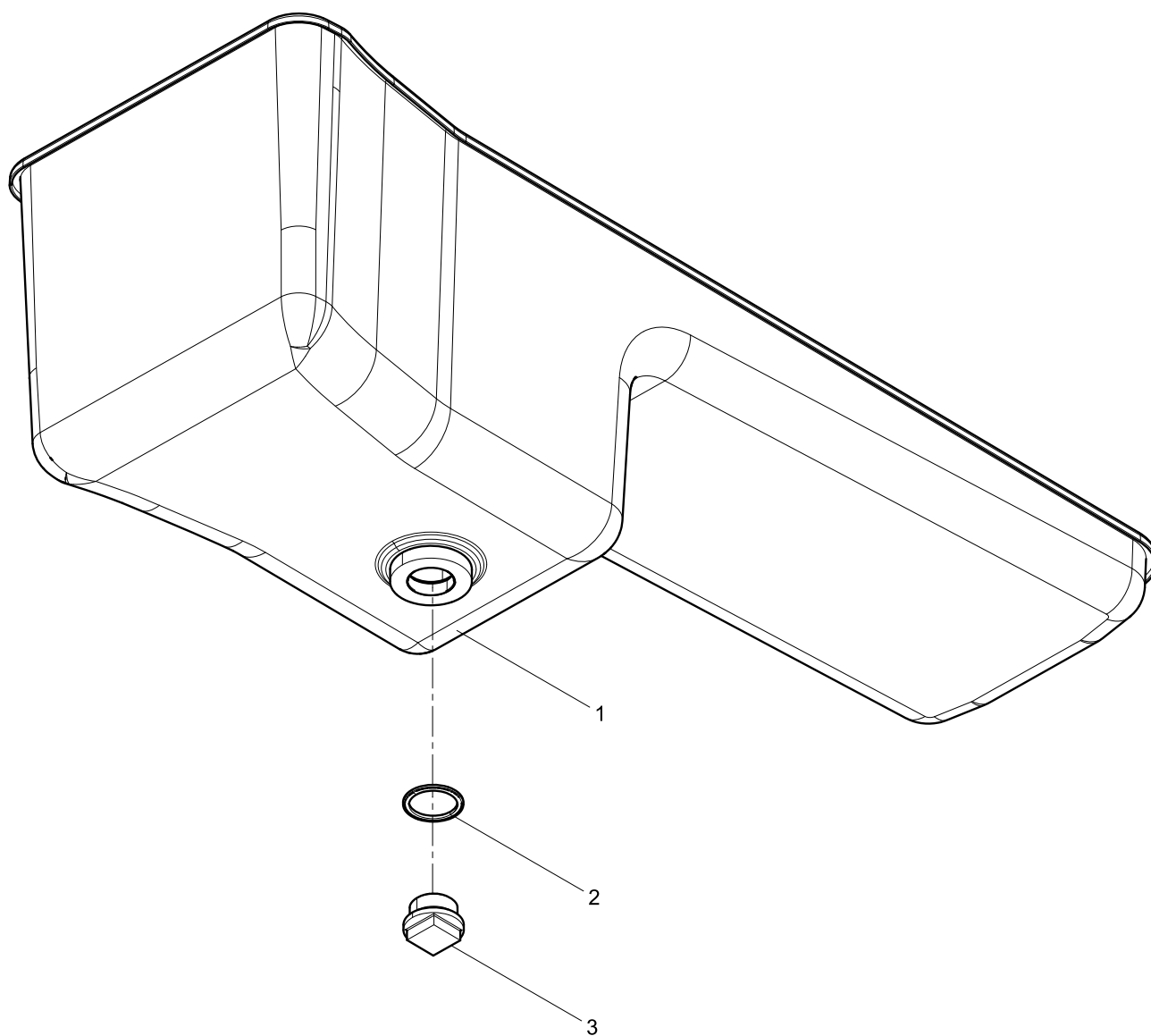
油底壳结合组(Oil Pan Group)



油底壳结合组(Oil Pan Group)

[illegible]

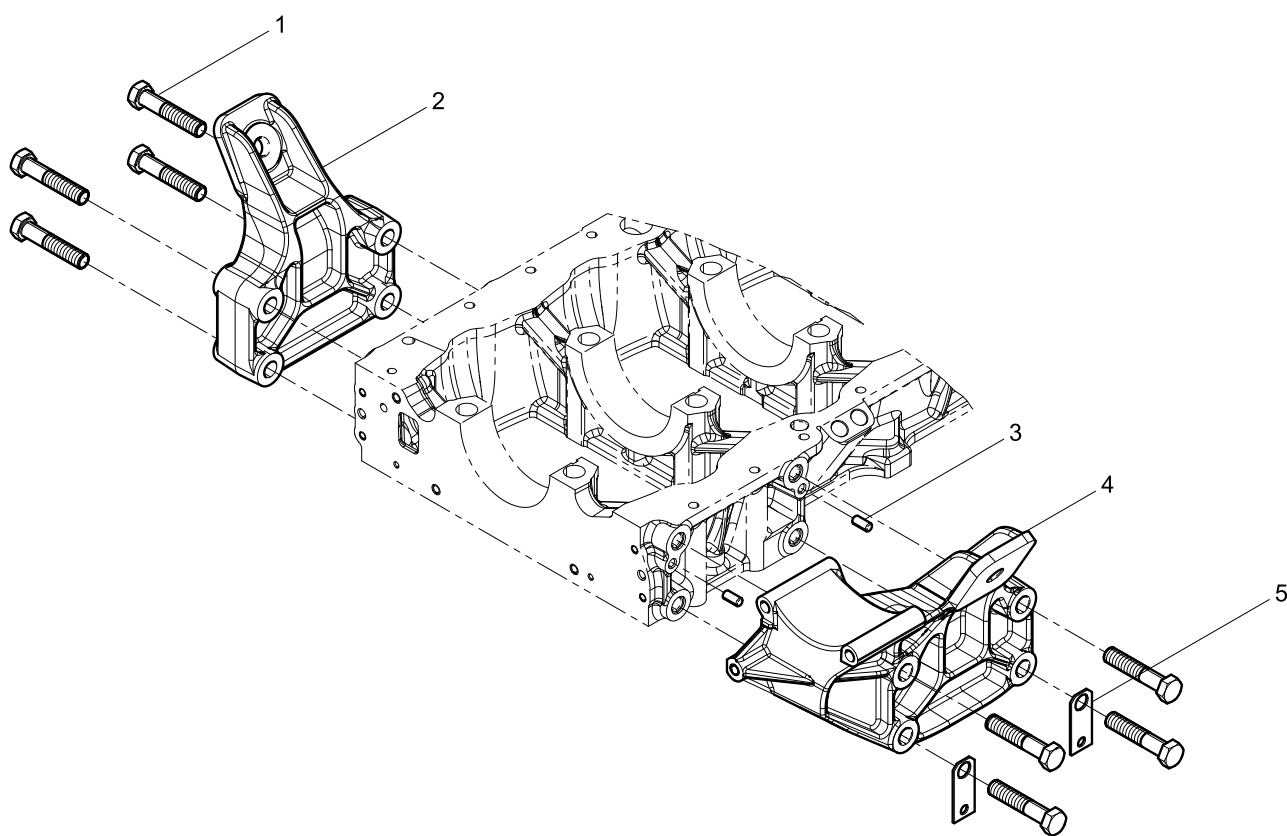
油底壳总成(Oil pan assembly)



油底壳总成(Oil pan assembly)

[illegible]

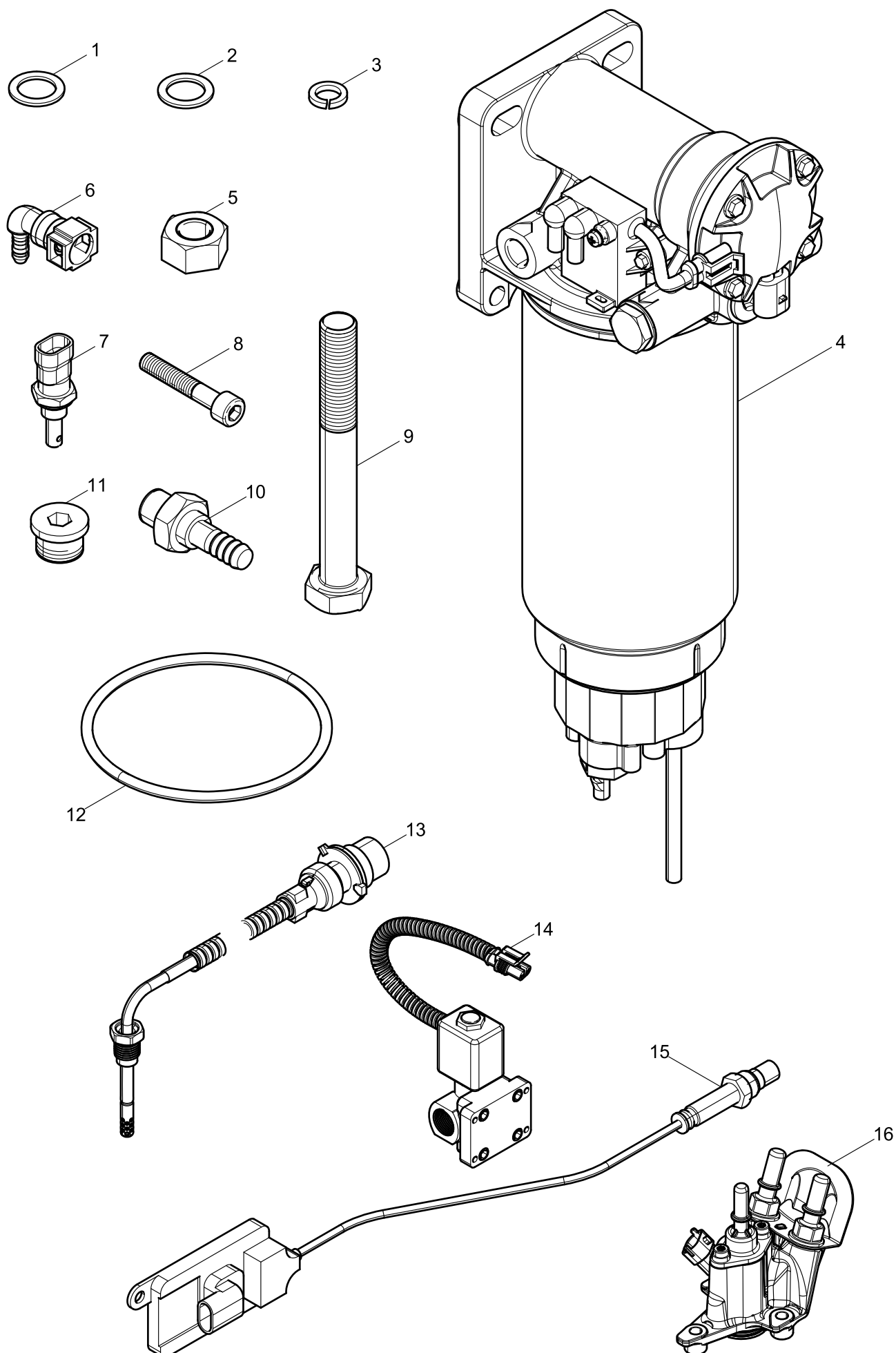
发动机支架结合组(Engine Bracket Group)



发动机支架结合组(Engine Bracket Group)

[illegible]

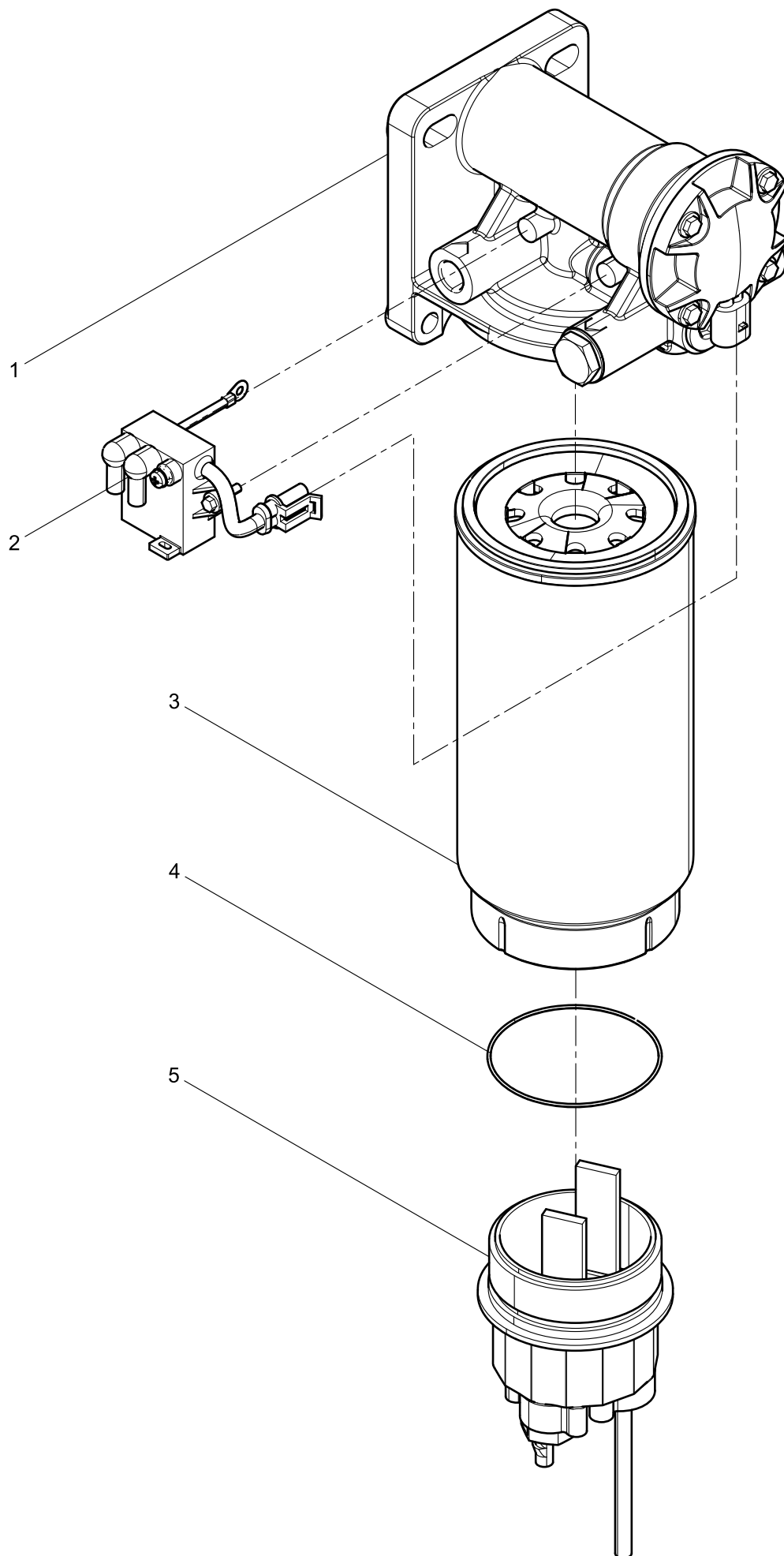
零件箱总成(Parts Kit Assembly)



零件箱总成(Parts Kit Assembly)

[illegible]

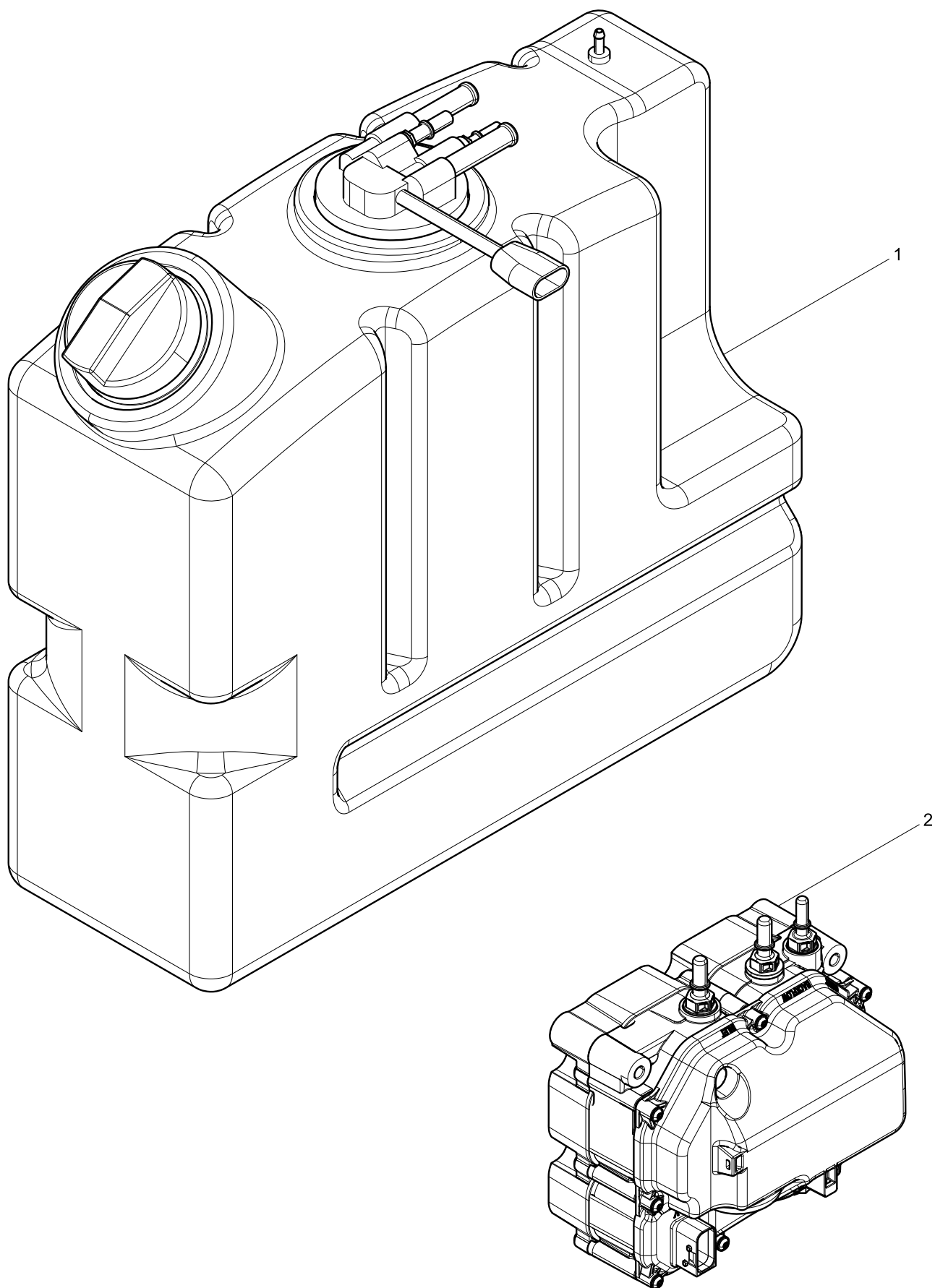
燃油水寒宝(Fuel System Protector)



燃油水寒宝(Fuel System Protector)

[illegible]

包装箱底盘零件结合组(Packing Box Chassis Parts Group)



包装箱底盘零件结合组(Packing Box Chassis Parts Group)

[illegible]

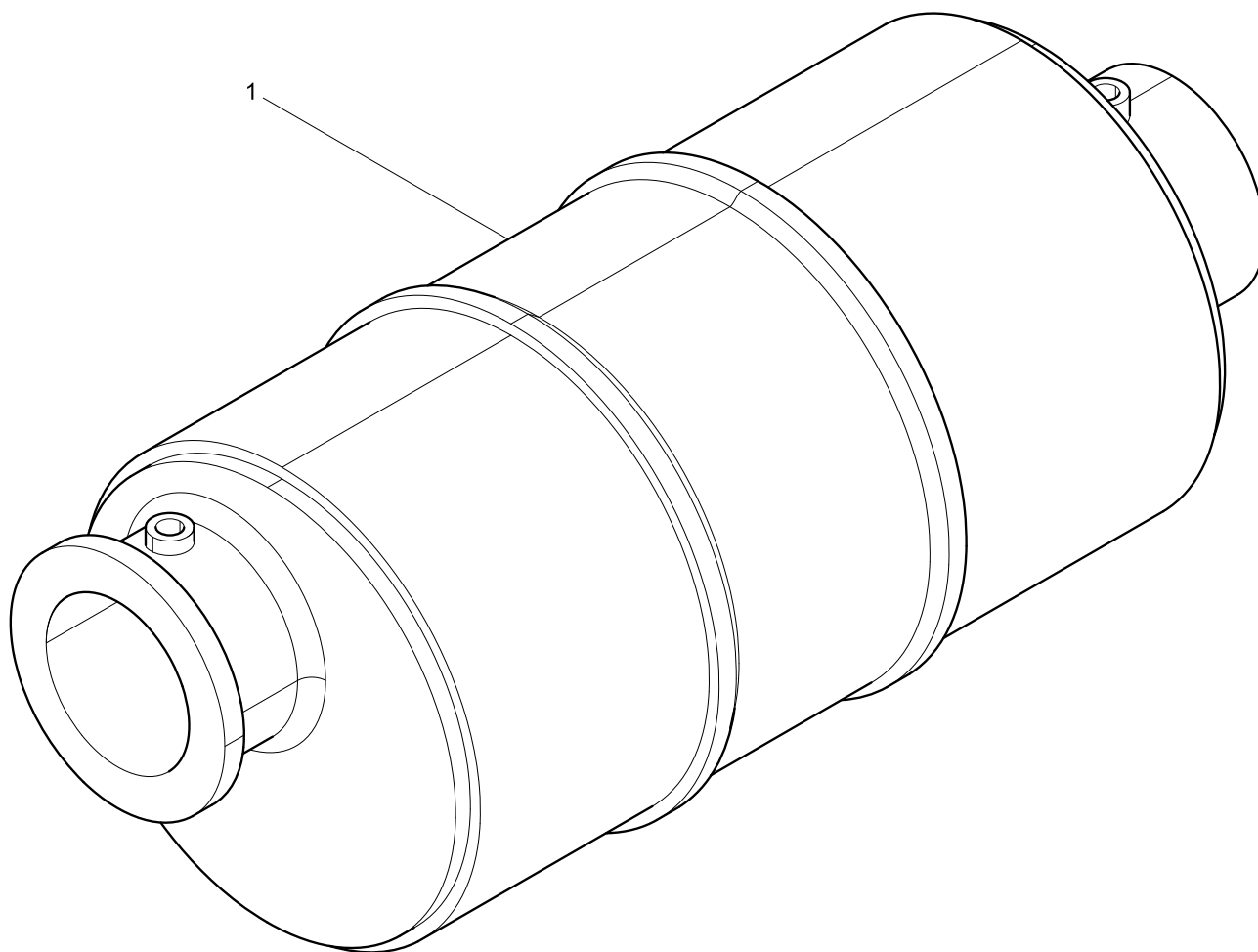
随机单发零件结合组(Single Transport Parts Attached to Engine Group)(*01)



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

[illegible]

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



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

[illegible]

潍柴动力股份有限公司
WEICHAI POWER CO., LTD.

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请以产品实物为准。

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