



DHP12Q0662

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
WEICHAI 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。图册包含发动机详细的装机明细其中部分零件为不可销售配件如欲了解配件销售事宜可咨询潍柴备品公司。

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 listThe parts catalogue include detailed assembling parts list of diesel engine ,some parts can not be sold ,if you want to know selling part matters,please ask weichai power spare part resource CO.,LTD.

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>.

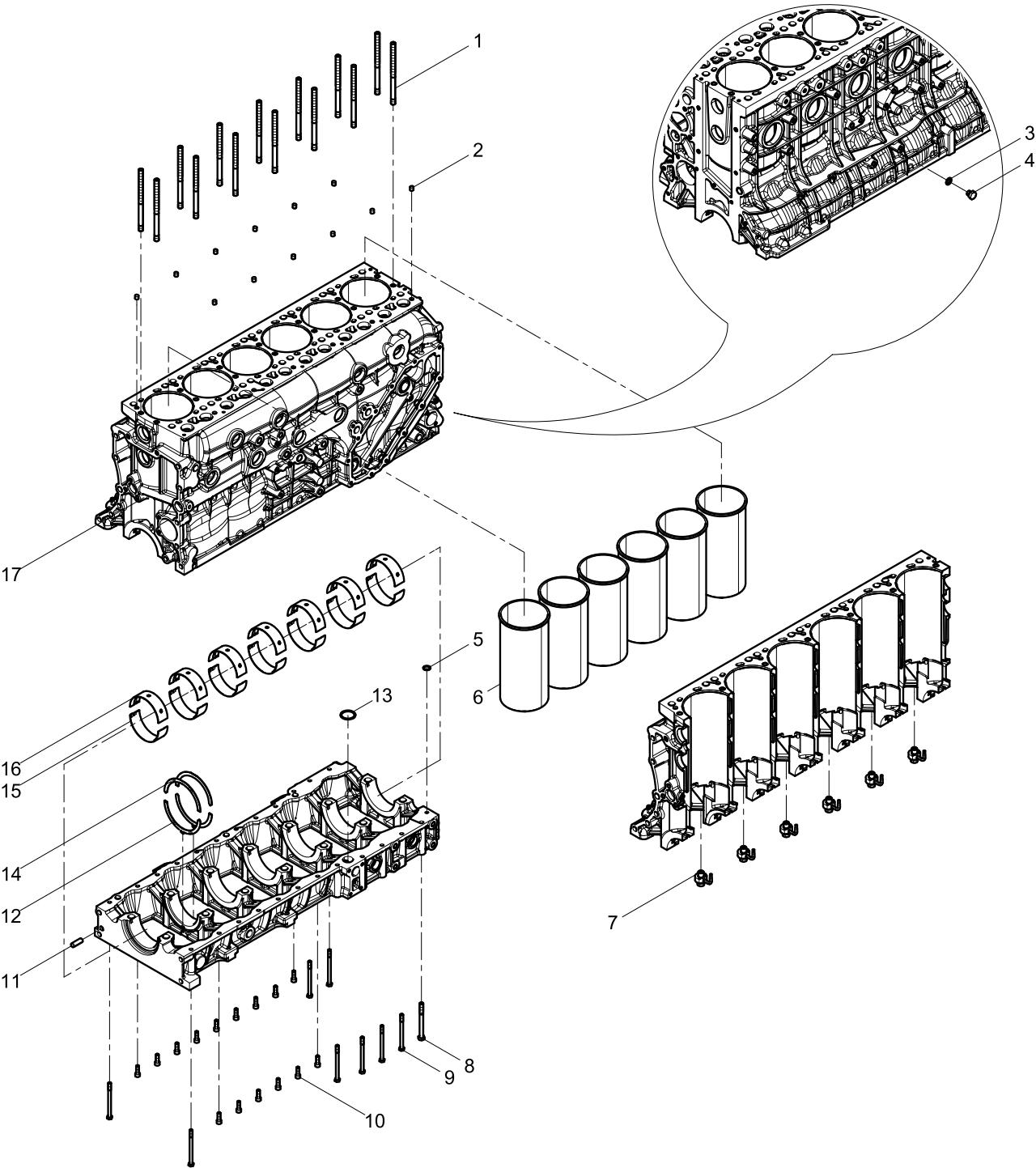
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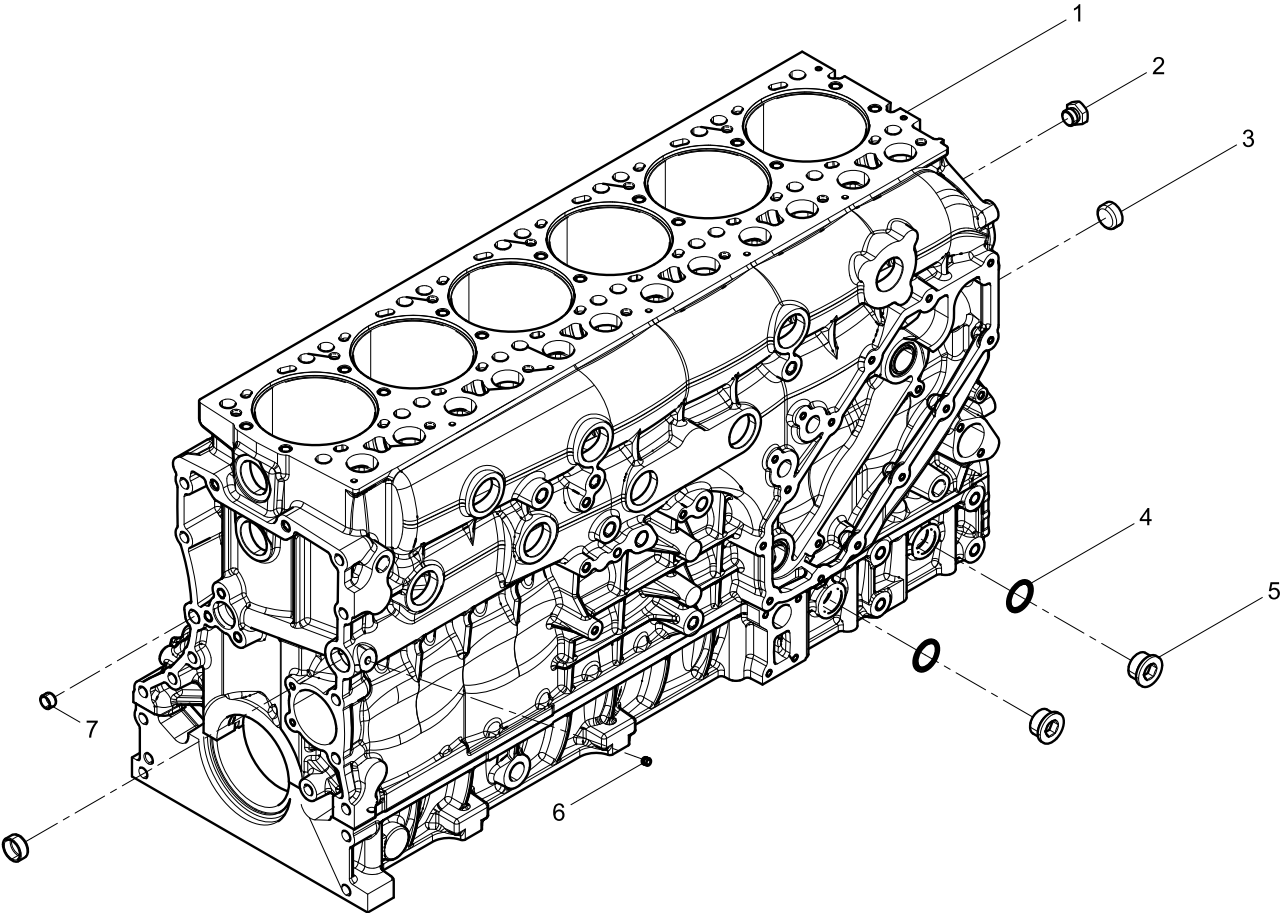
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机体结合组(Engine Block Group)



2

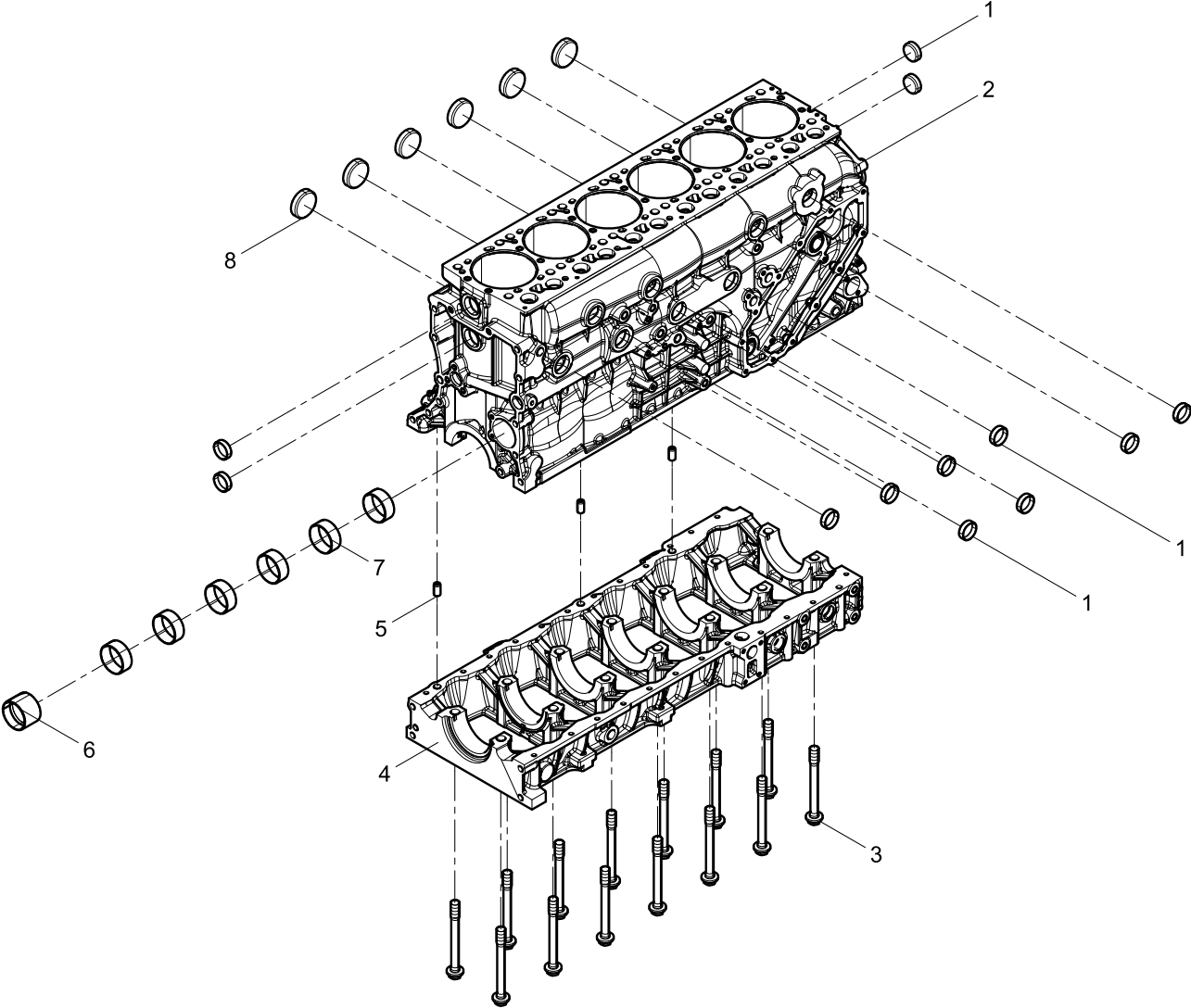
机体总成(crankcase assembly)



机体总成(crankcase assembly)

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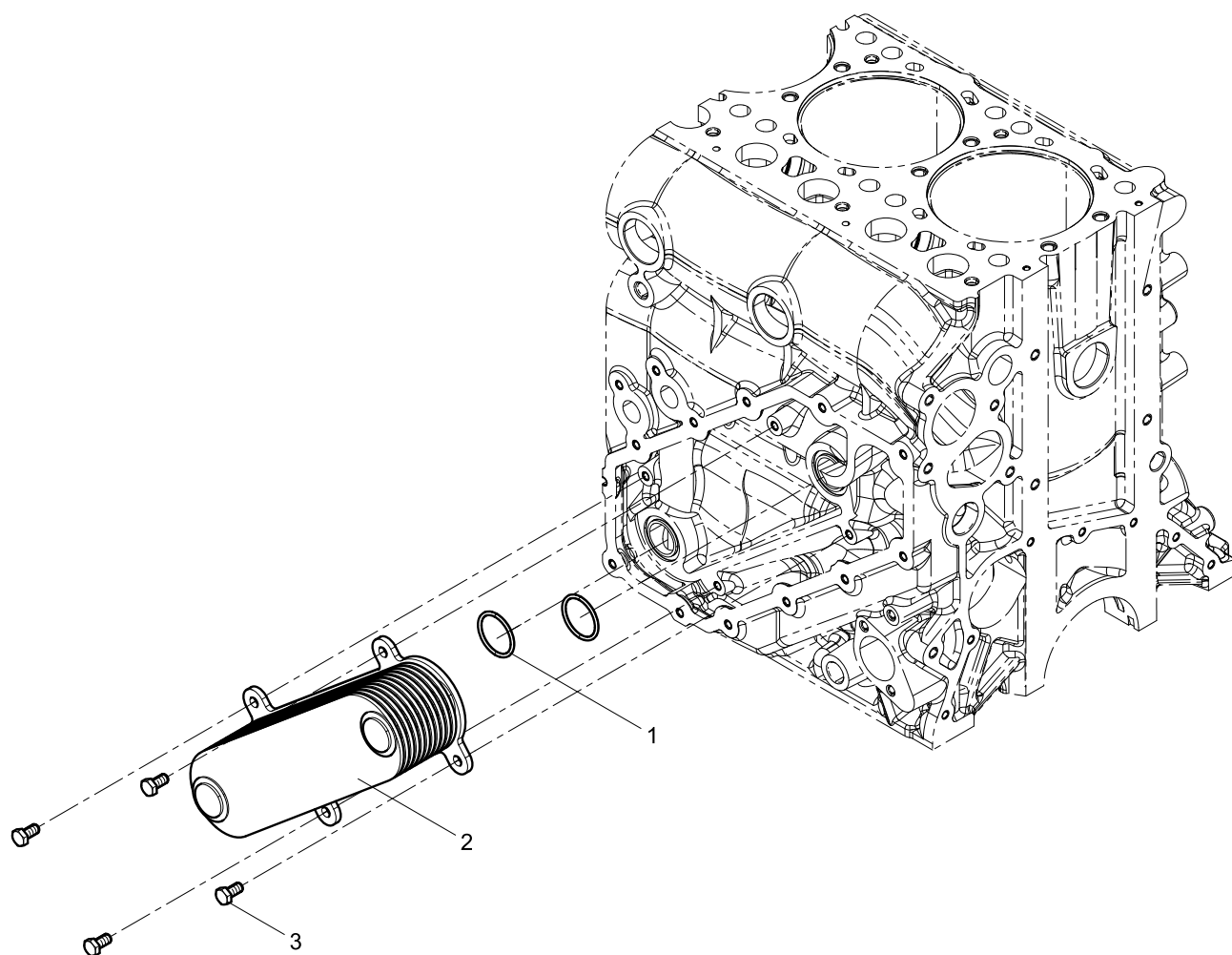
气缸体预装配(Cylinder Block Preassembly)



气缸体预装配(Cylinder Block Preassembly)

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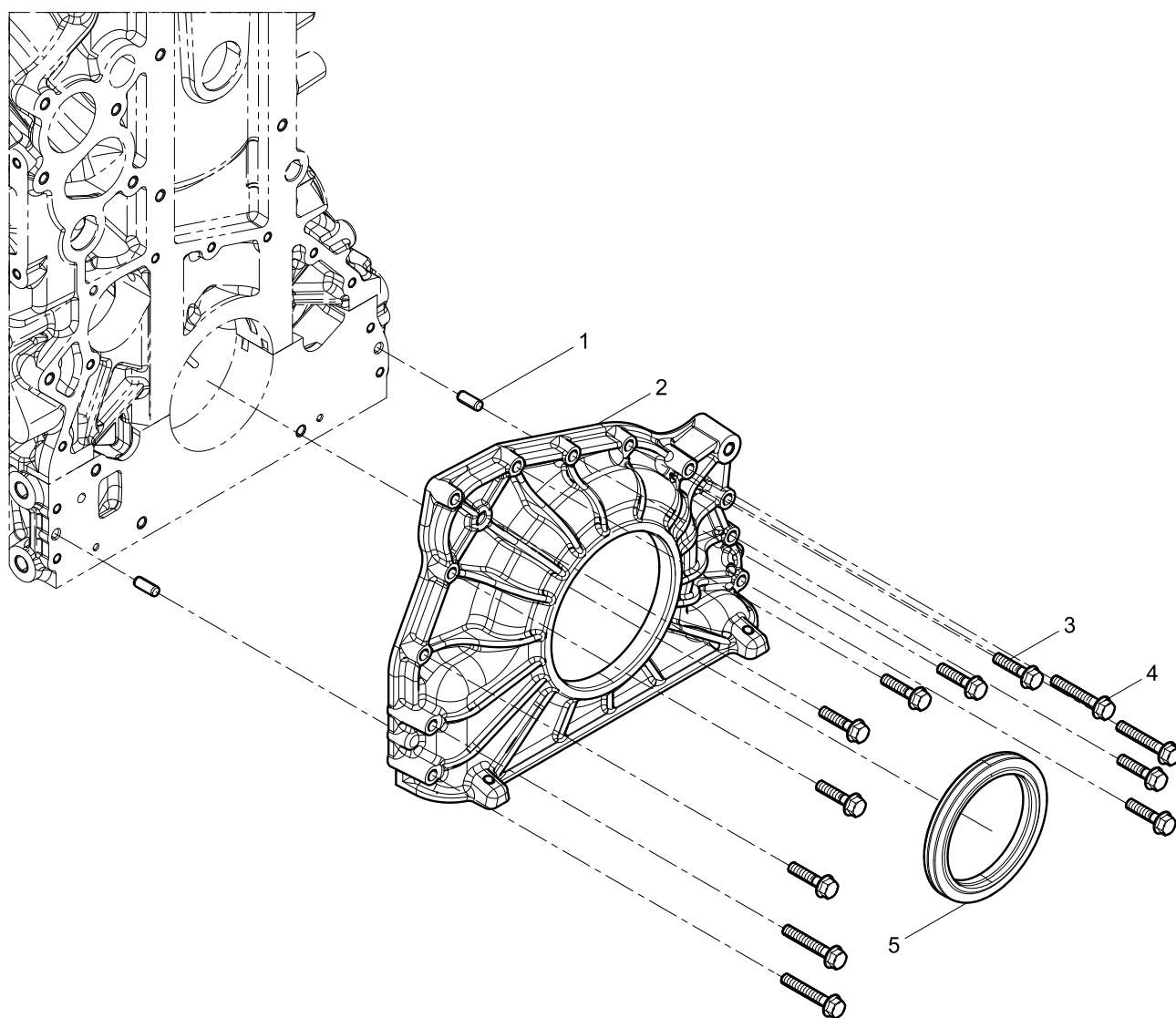
机油冷却器结合组(Oil Cooler Group)



机油冷却器结合组(Oil Cooler Group)

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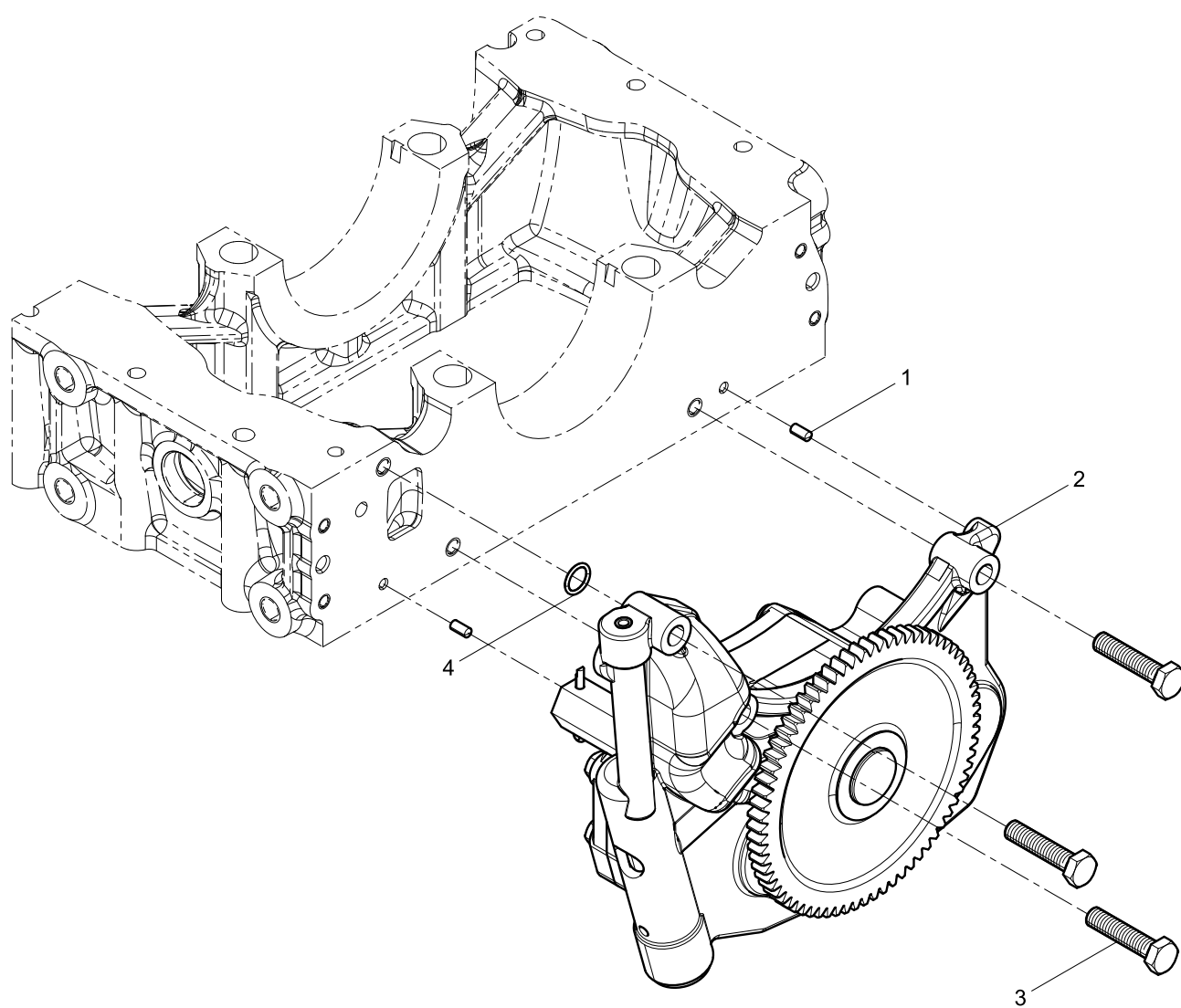
前端盖组件(Cylinder block front cover Set)



前端盖组件(Cylinder block front cover Set)

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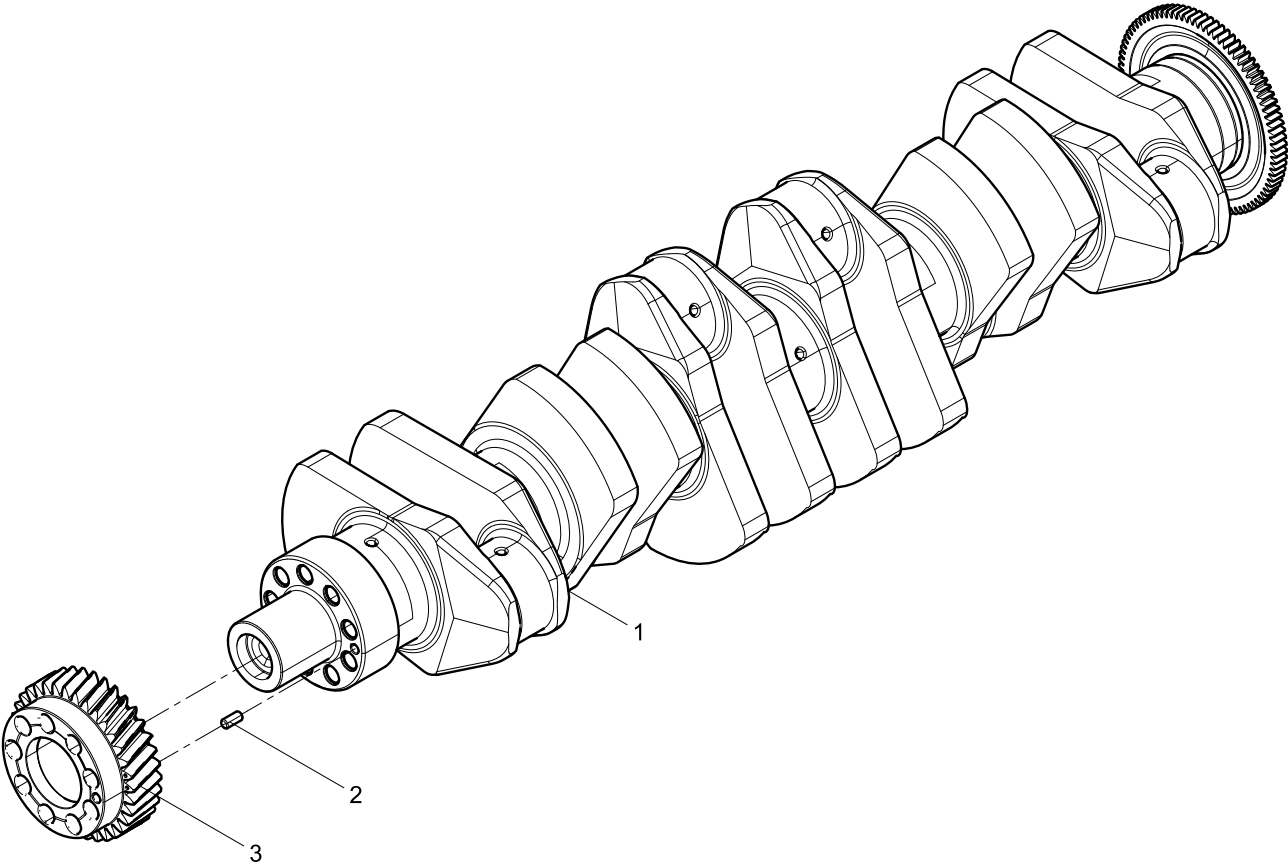
机油泵结合组(Oil Pump Group)



机油泵结合组(Oil Pump Group)

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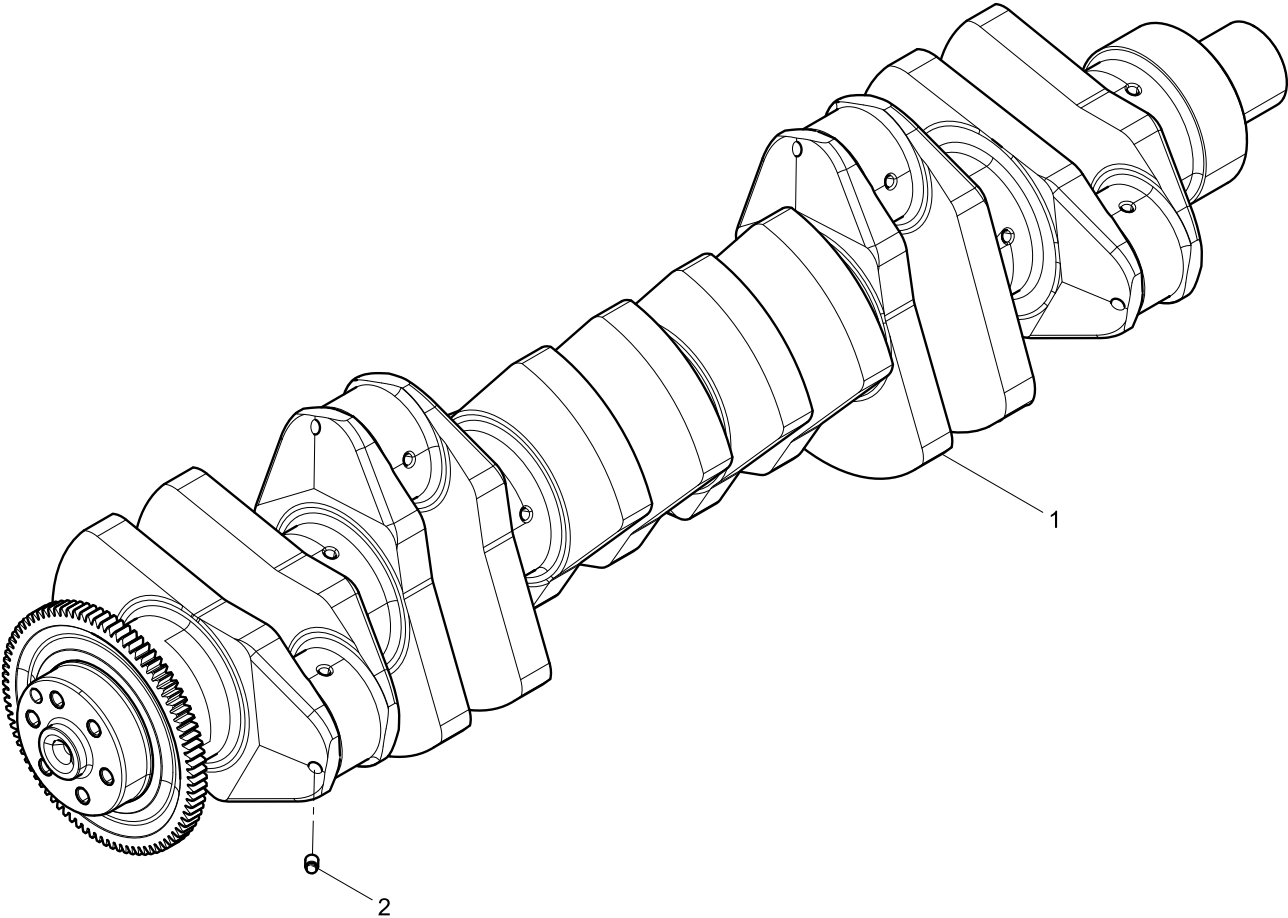
曲轴结合组(Crankshaft Group)



曲轴结合组(Crankshaft Group)

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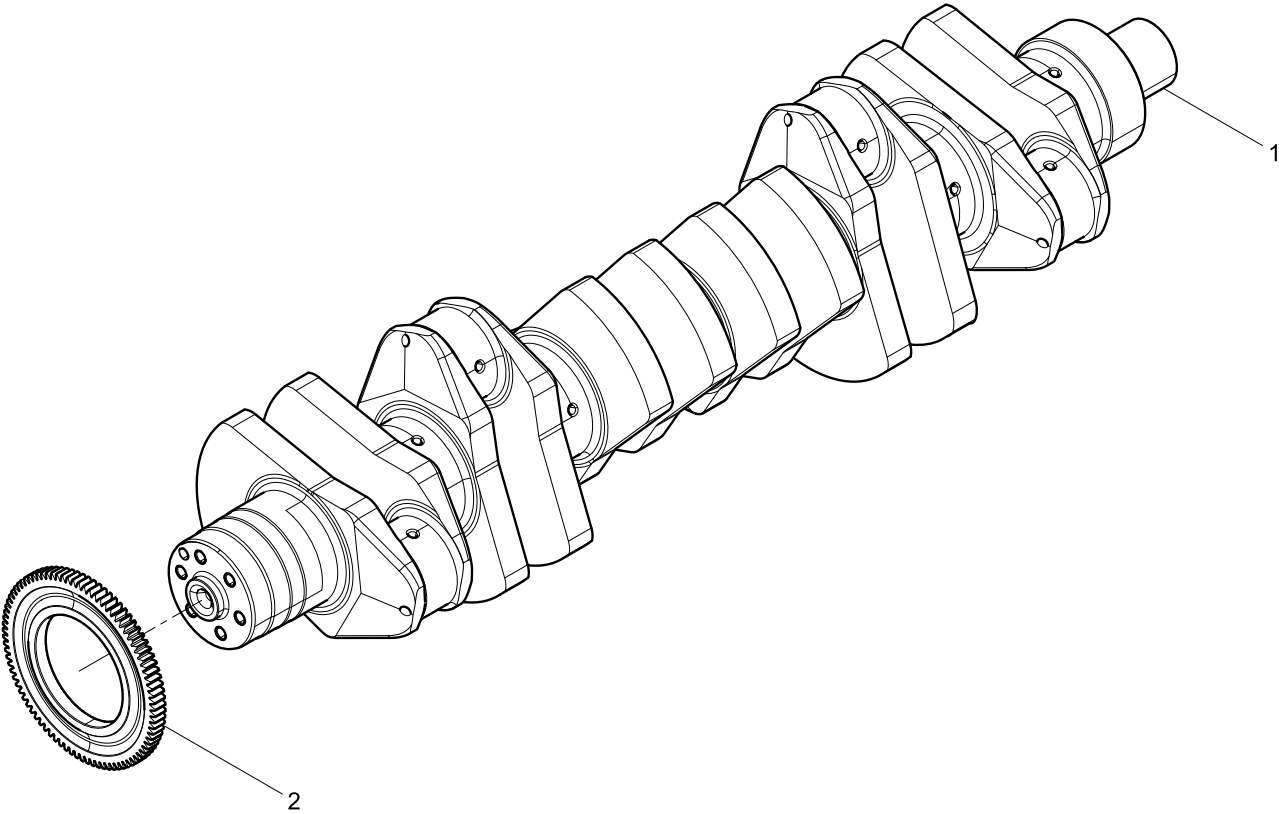
曲轴总成(Crankshaft Assembly)



曲轴总成(Crankshaft Assembly)

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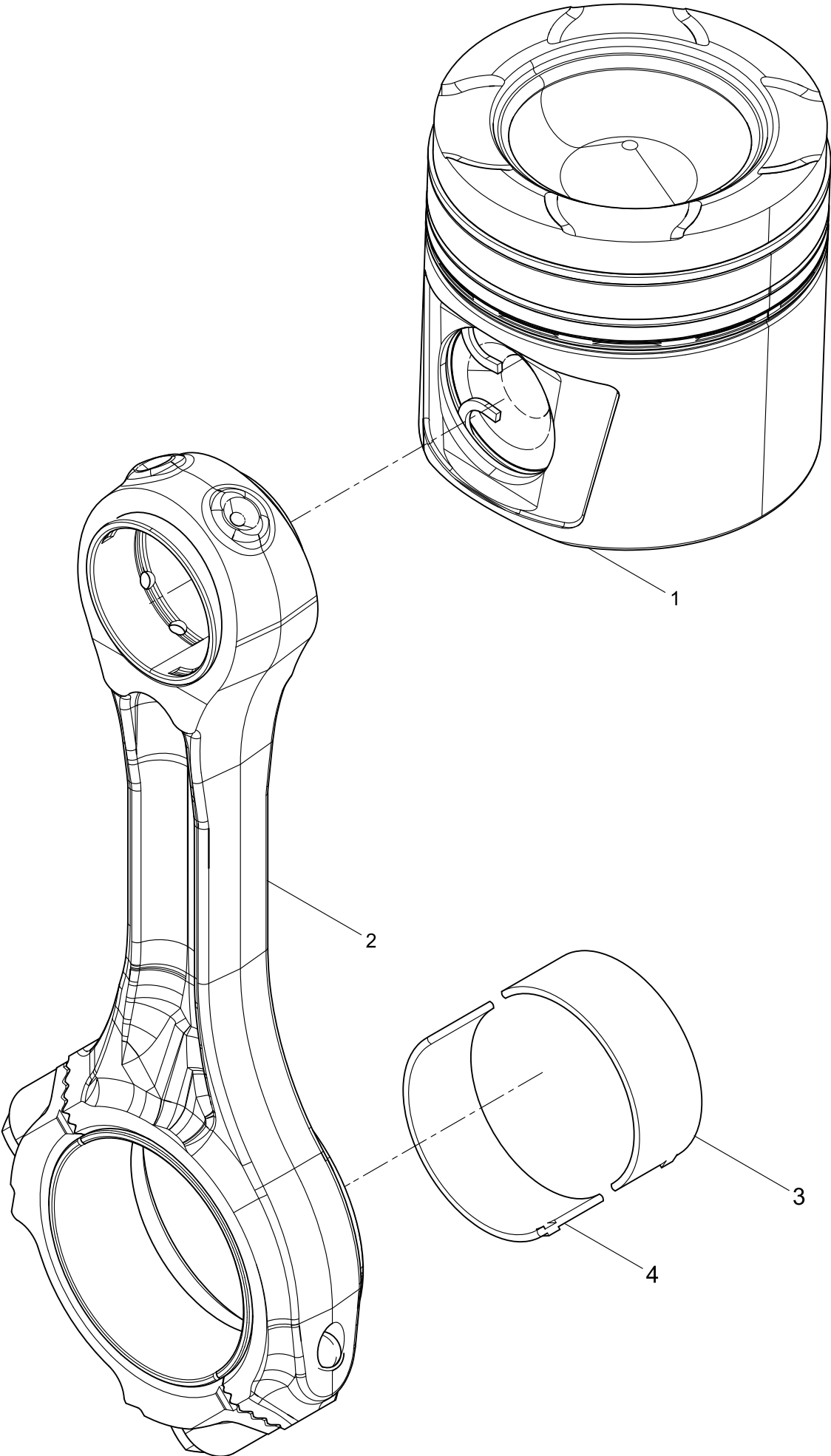
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曲轴分总成(Crankshaft Subassembly)

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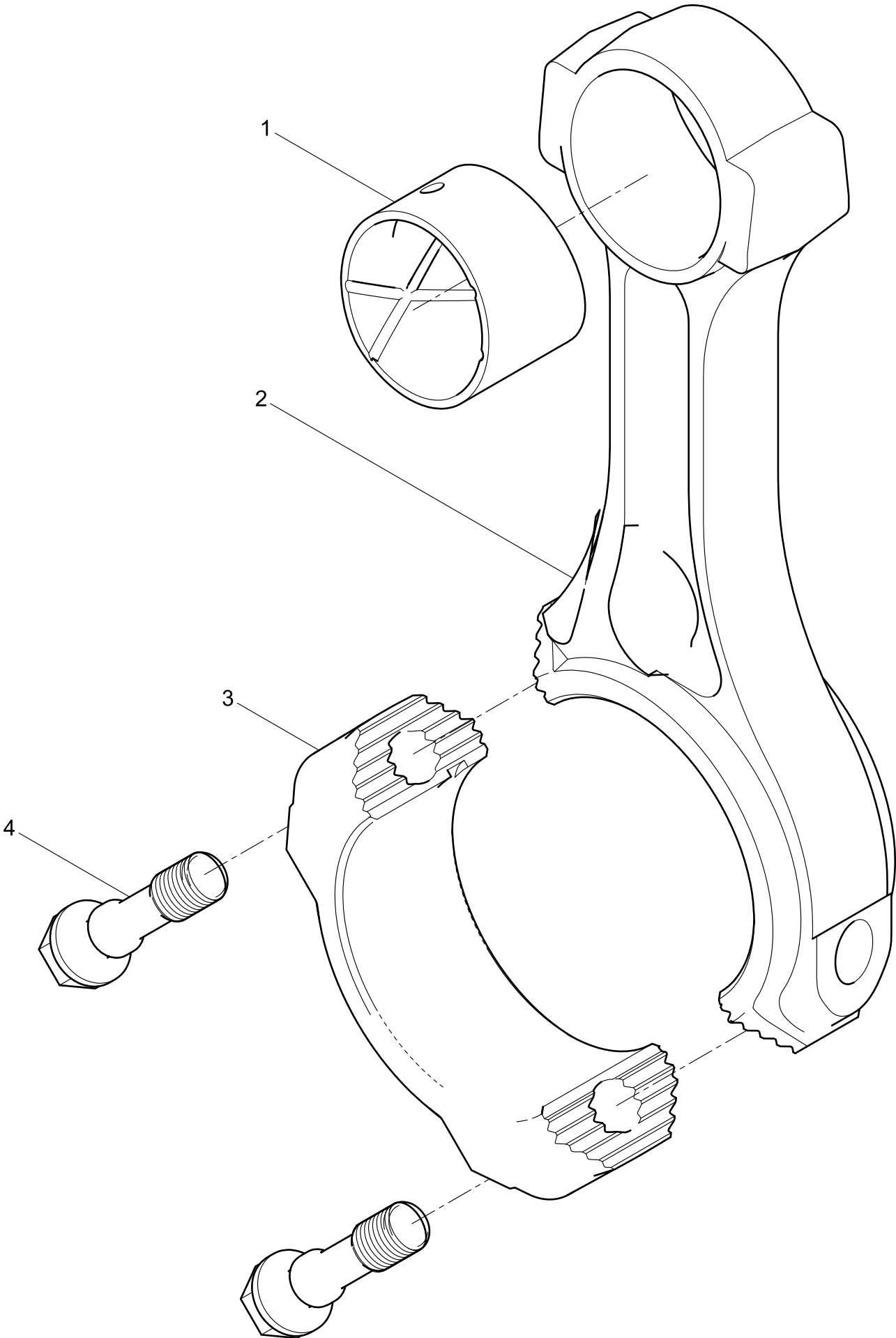
活塞连杆结合组(Piston and Connecting Rod Group)



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

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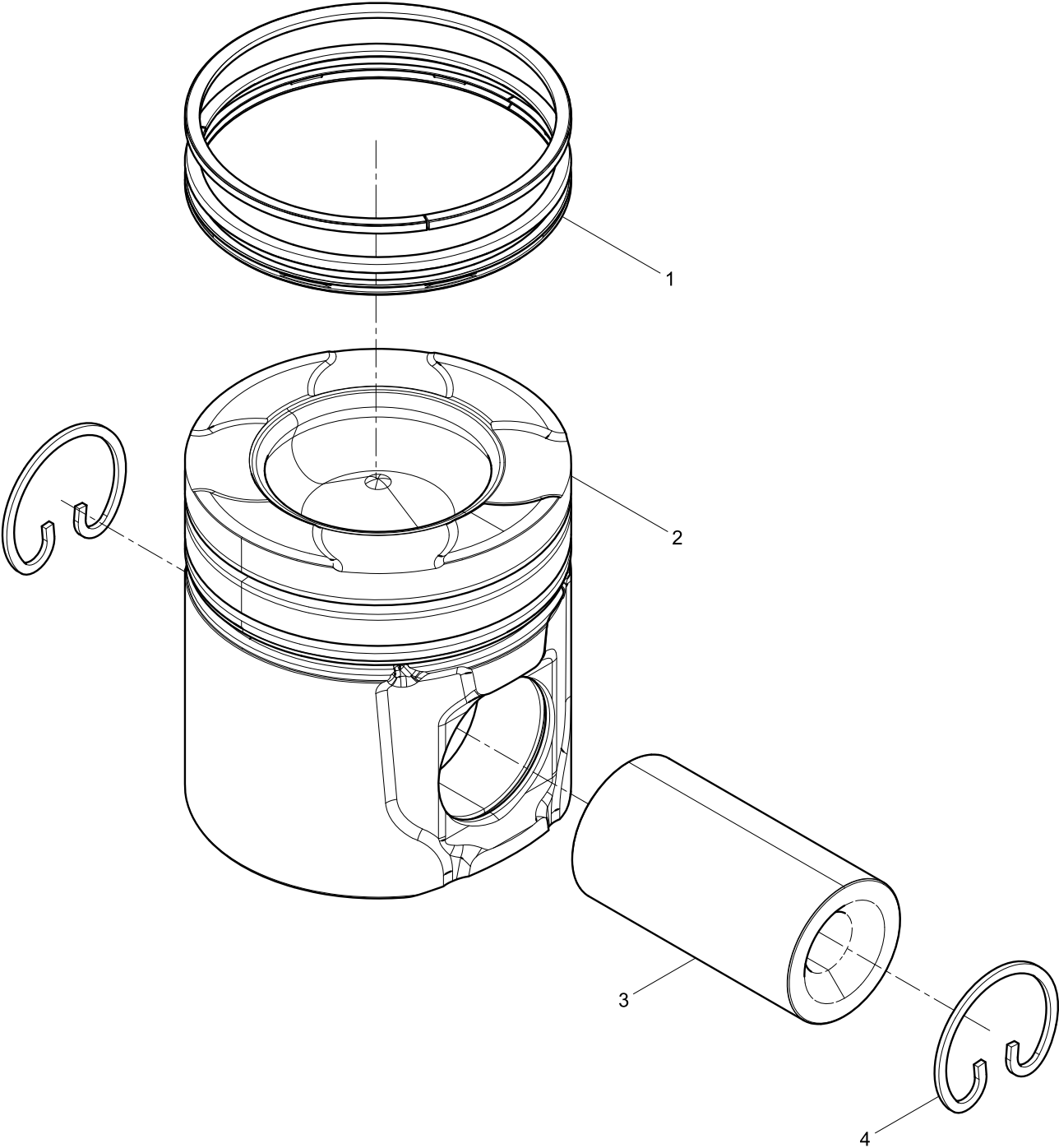
连杆总成(Connecting Rod Assembly)



连杆总成(Connecting Rod Assembly)

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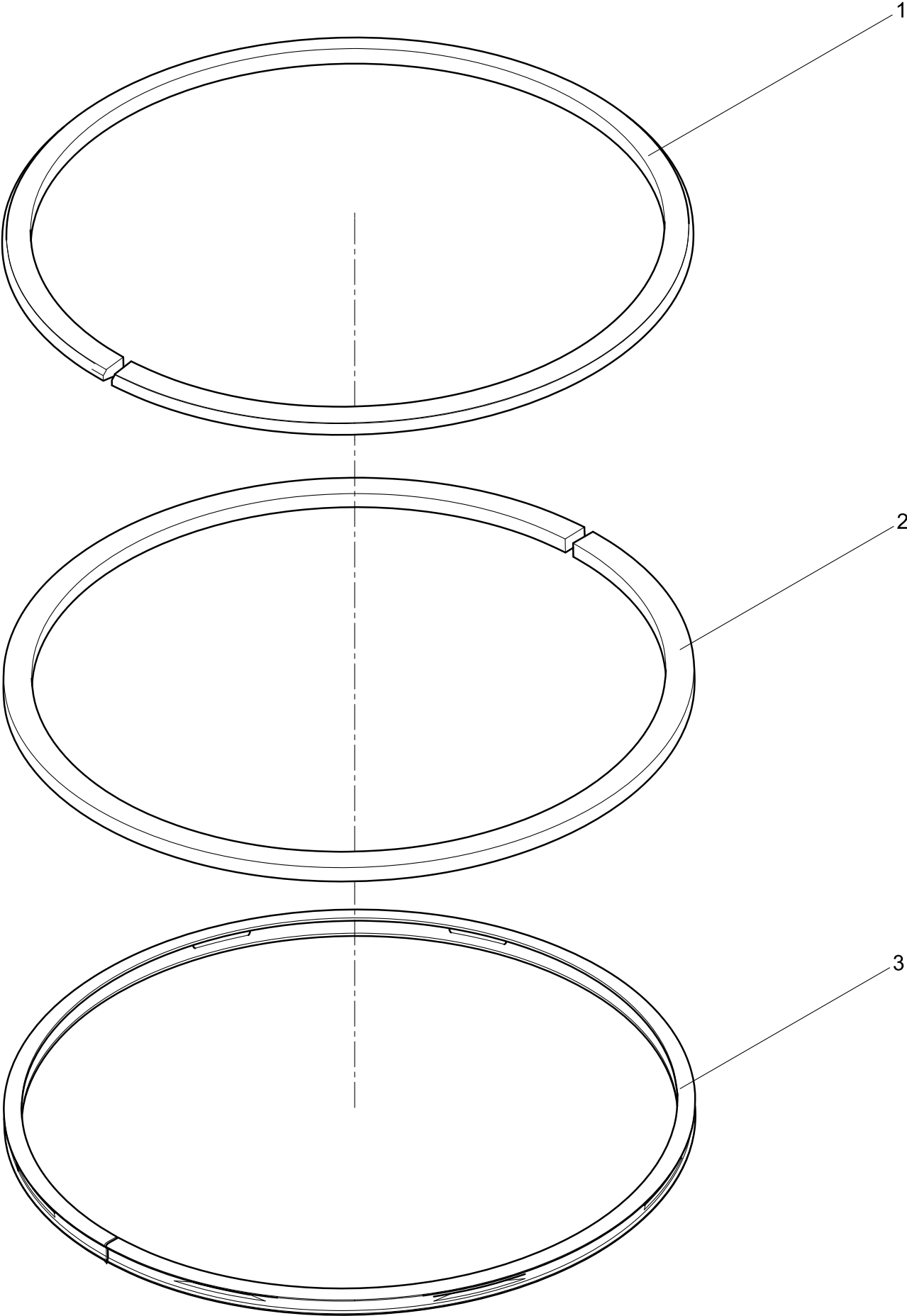
活塞总成(Piston Assembly)



活塞总成(Piston Assembly)

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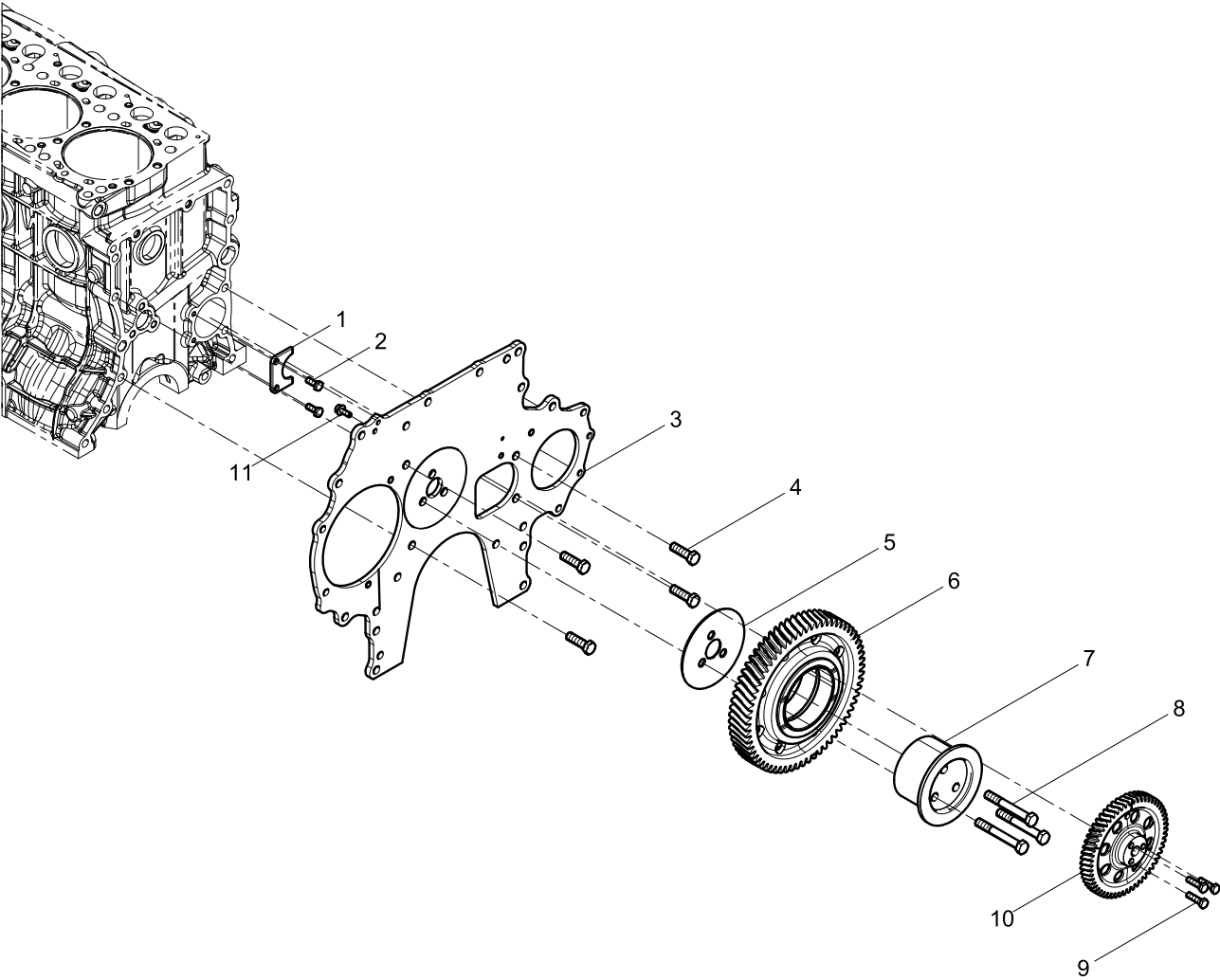
活塞环组件(Piston Ring Set)



活塞环组件(Piston Ring Set)

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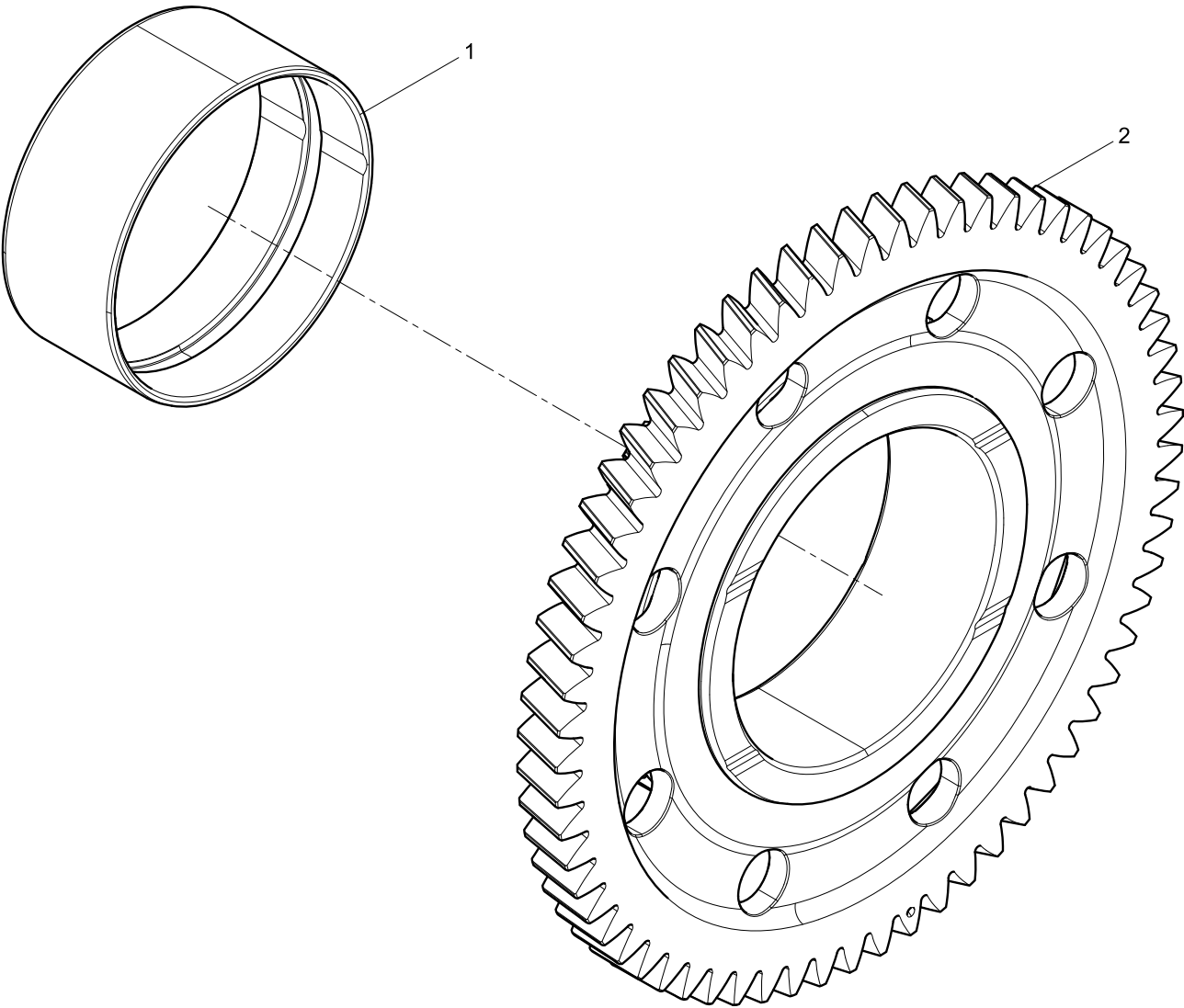
齿轮传动组件(Gear Drive Set)



齿轮传动组件(Gear Drive Set)

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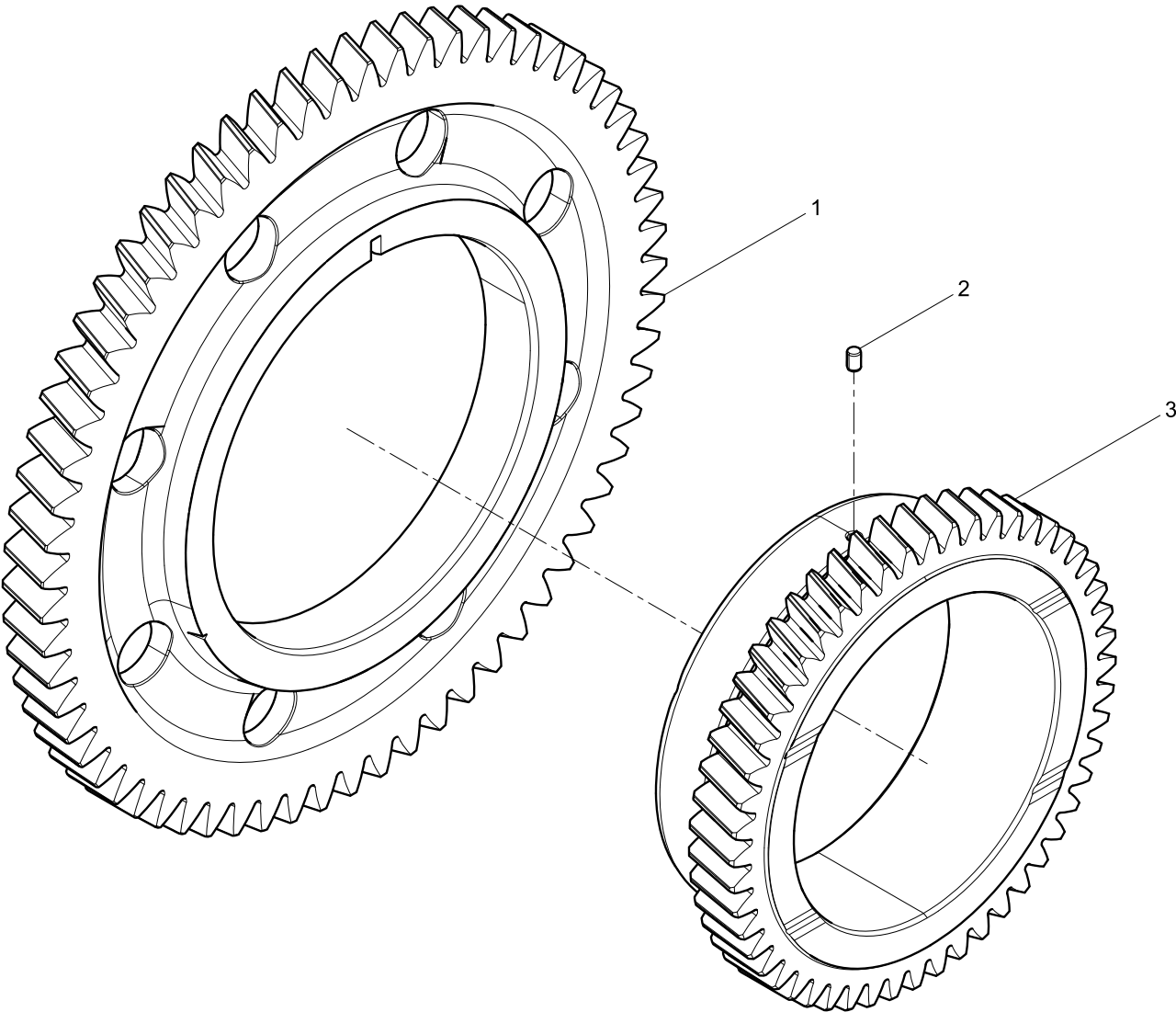
中间齿轮分总成()



中间齿轮分总成()

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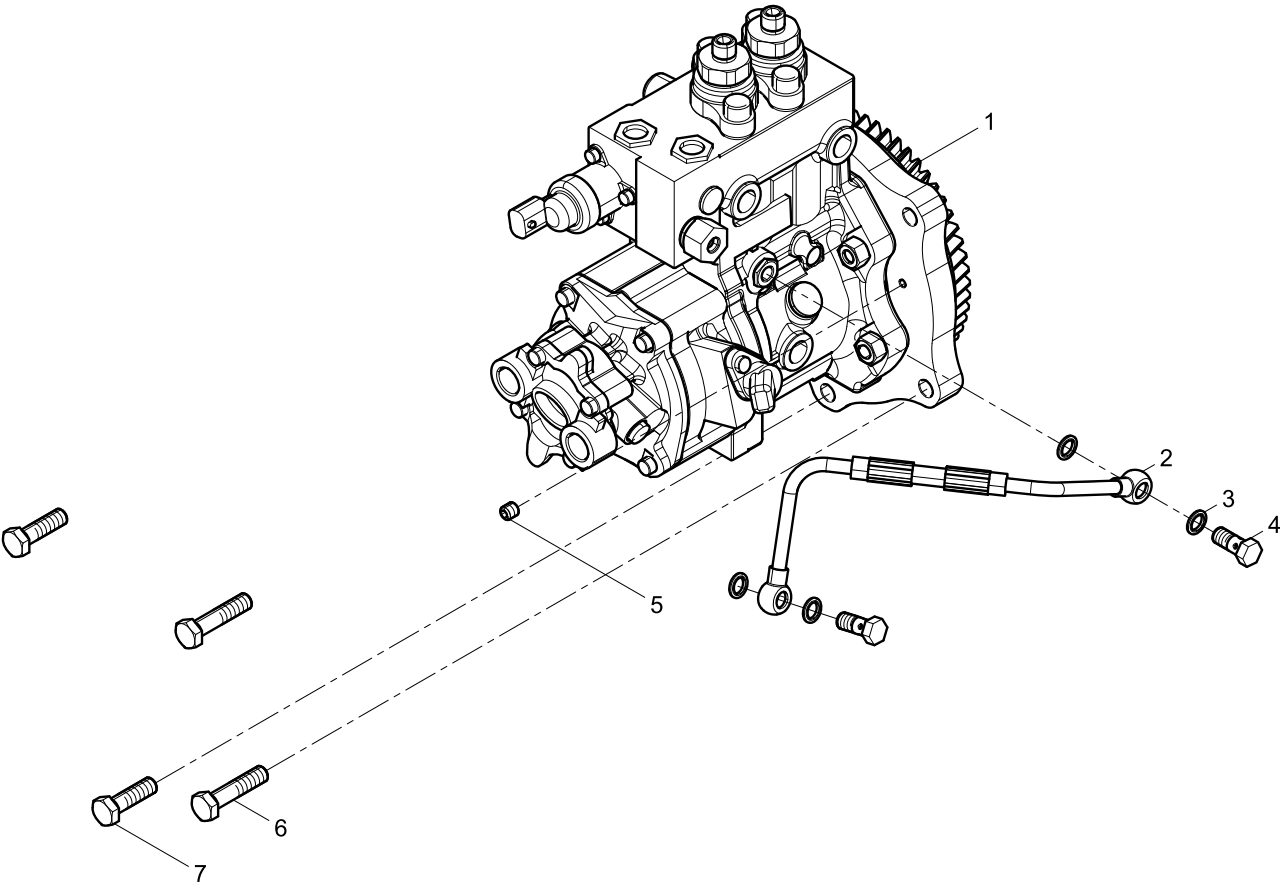
中间齿轮组件(Idler Gear Set)



中间齿轮组件(Idler Gear Set)

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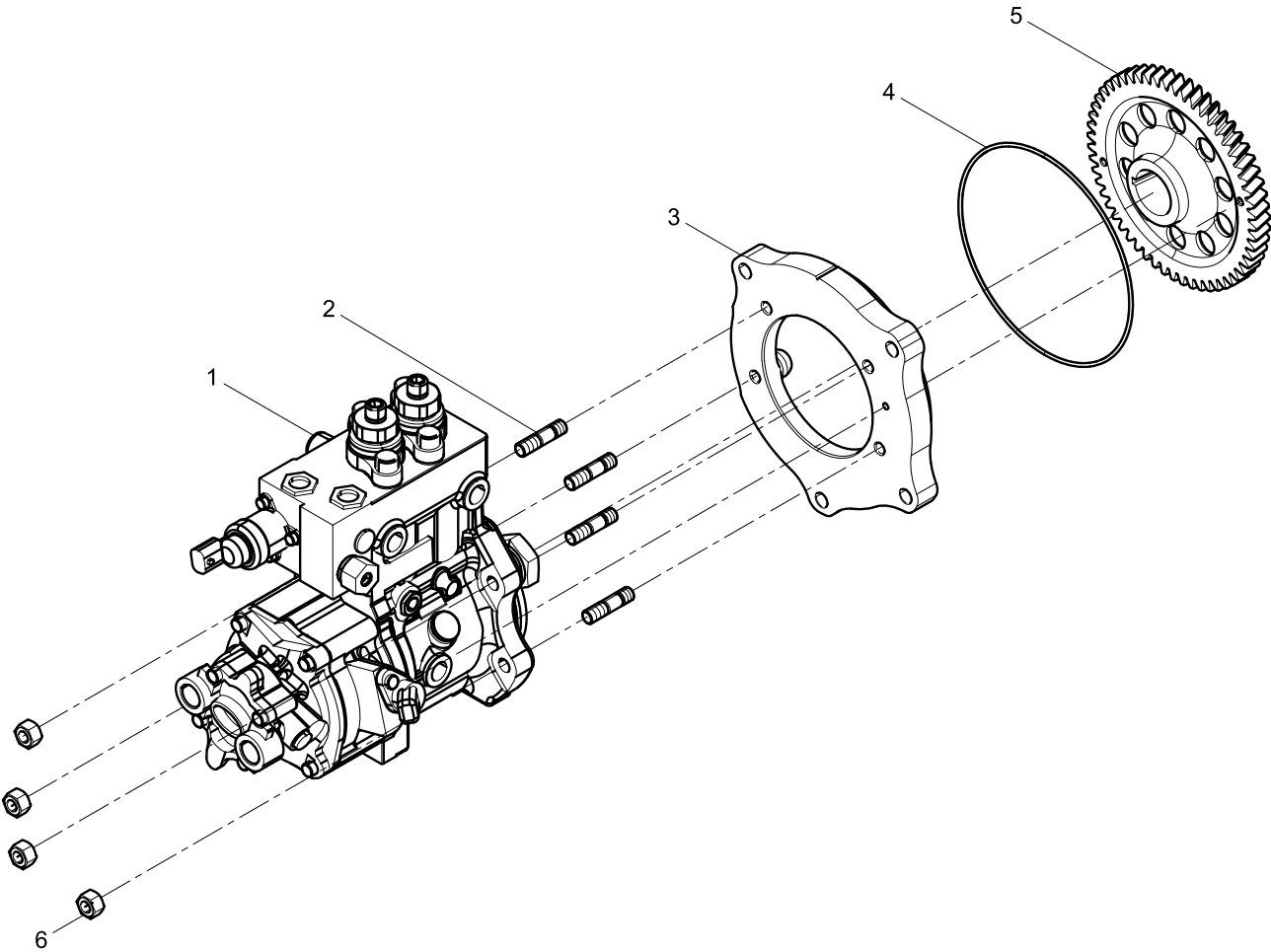
高压油泵结合组(High Pressure Pump Group)



高压油泵结合组(High Pressure Pump Group)

[illegible]

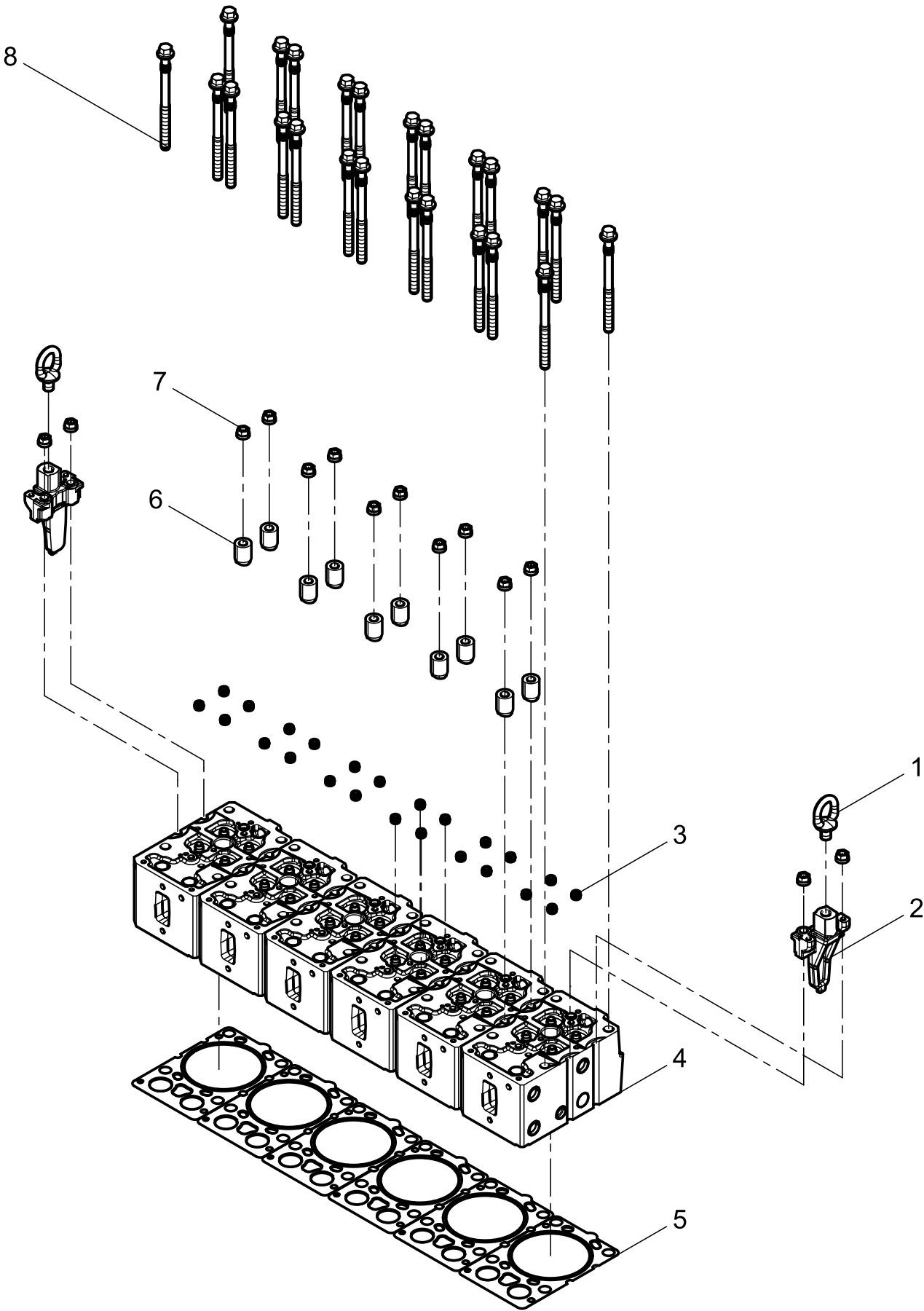
喷油泵组件(Fuel Injection Pump Set)



喷油泵组件(Fuel Injection Pump Set)

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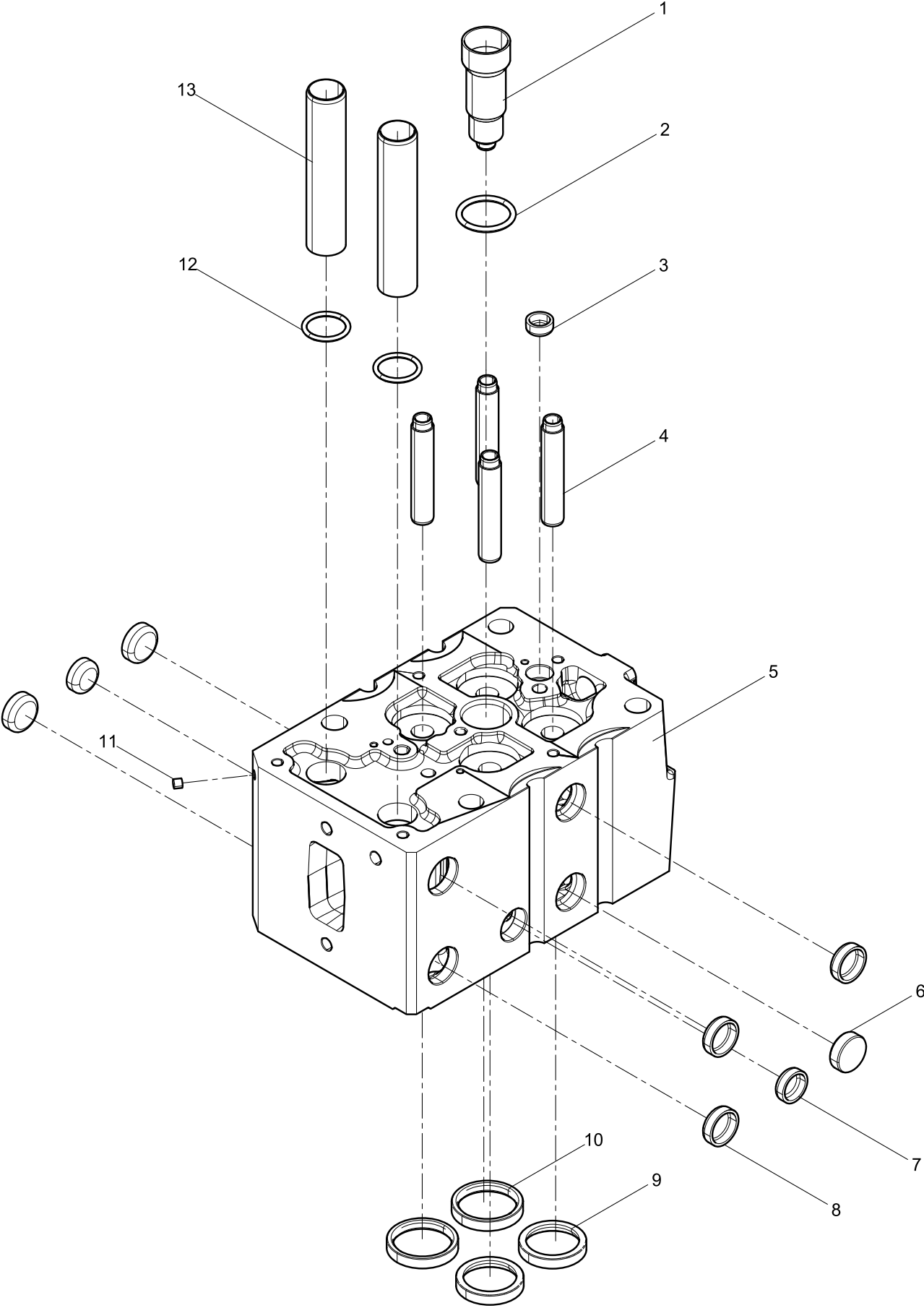
气缸盖结合组(Cylinder Head Group)



气缸盖结合组(Cylinder Head Group)

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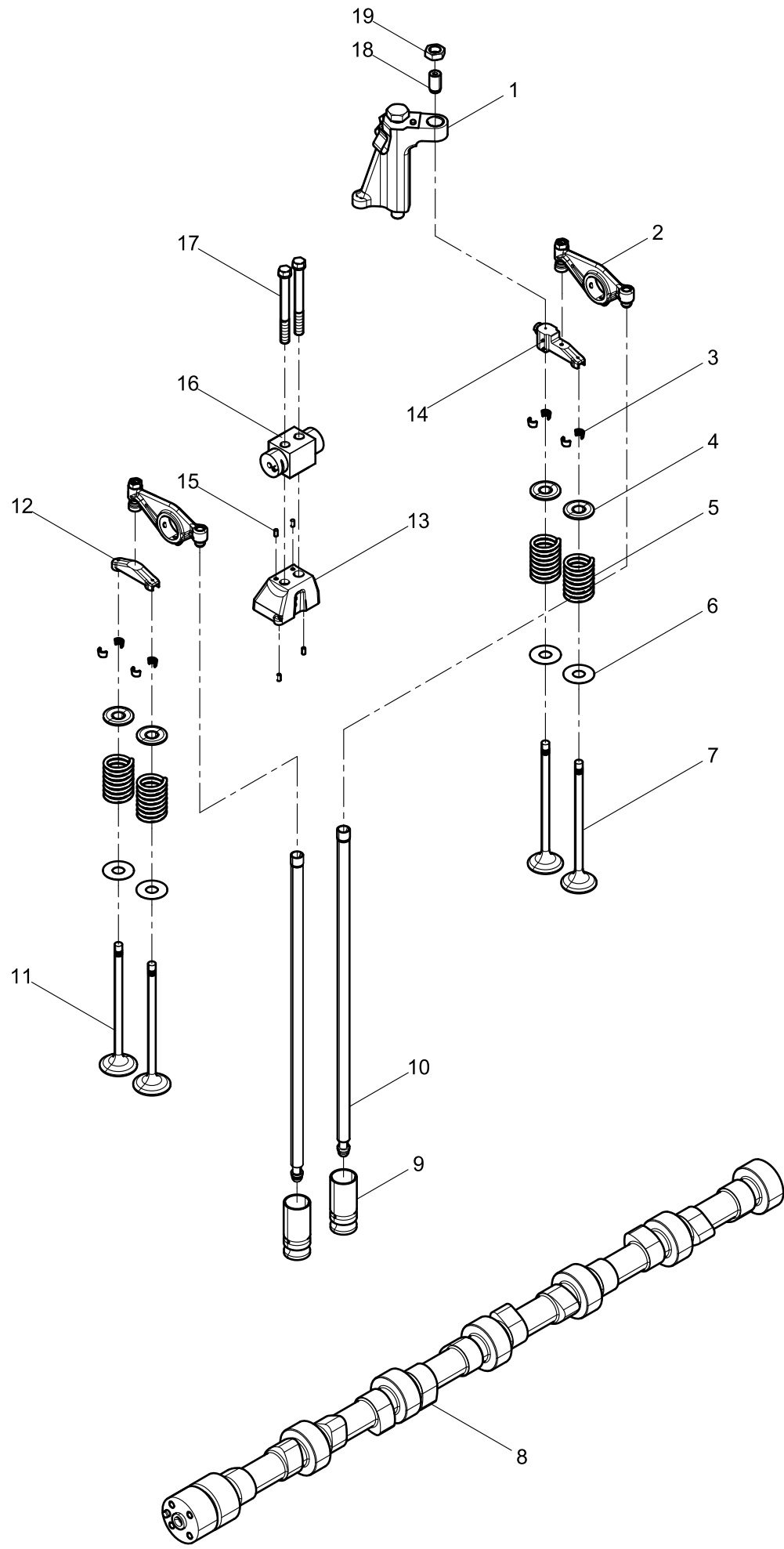
气缸盖分总成(Cylinder Head Subassembly)



气缸盖分总成(Cylinder Head Subassembly)

[illegible]

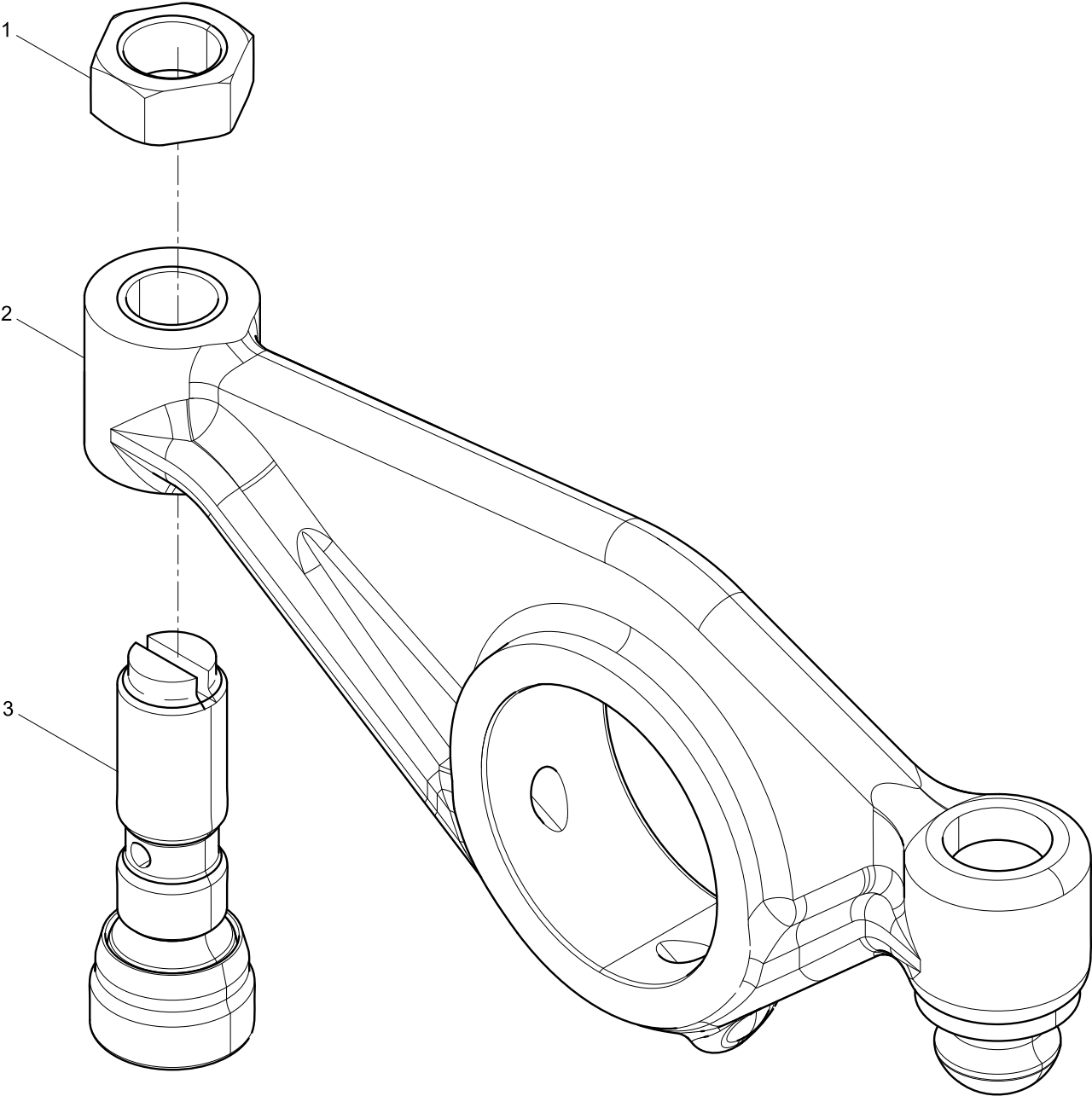
配气机构结合组(Valve Train Group)



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	612630050147	1	EVB支架总成	EVB Bracket Assembly
2	612630050016	12	摇臂组件	Rocker Arm Set
3	612630050015	48	气门锁夹	Valve Collet
4	612630050014	24	气门弹簧上座	Valve Spring Top Retainer
5	612630050005	24	气门弹簧	Valve Spring
6	612630050019	24	气门弹簧下座	Valve Spring Bottom Retainer
7	612630050002	12	排气门	Exhaust Valve
8	612630050061	1	凸轮轴总成	Camshaft Assembly
9	612630050007	12	挺柱	Tappet
10	612630050021	12	推杆	Push Rod
11	612630050001	12	进气门	Intake Valve
12	612630050009	6	气门桥	Valve Bridge
13	612630050013	6	摇臂座总成	Rocker Arm Bracket Assembly
14	612630050008	6	EVB气门桥总成	EVB Valve Bridge Assembly
15	612639000087	30	圆柱销	Parallel Pin
16	612630050018	6	摇臂轴组件	Rocker Arm Shaft Set
17	1000271249	12	六角头螺栓	Hexagon Head Bolt
18	612630050011	1	EVB调整螺钉	
19	612630050012	1	EVB锁紧螺母	

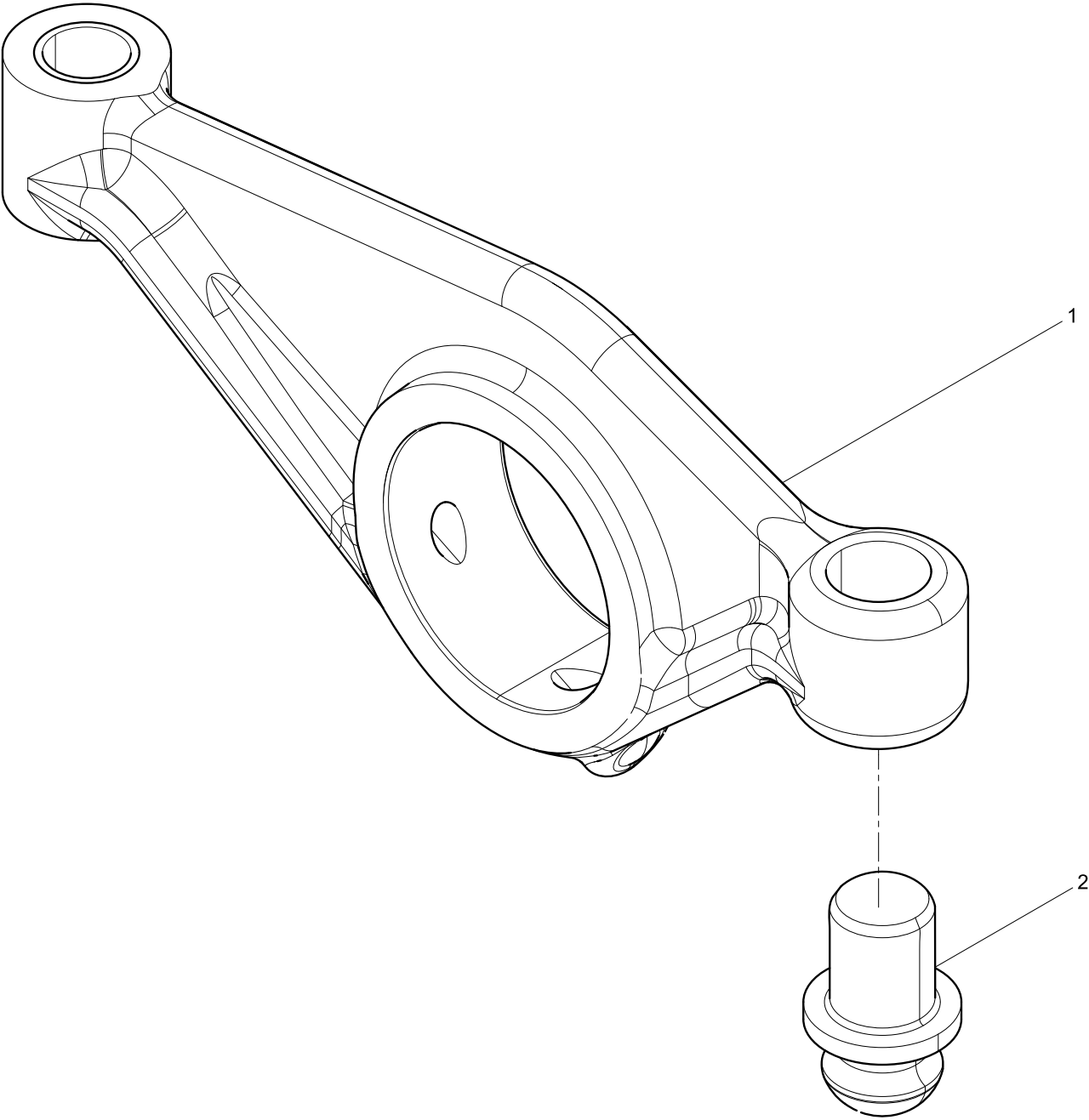
摇臂组件(Rocker Arm Set)



摇臂组件(Rocker Arm Set)

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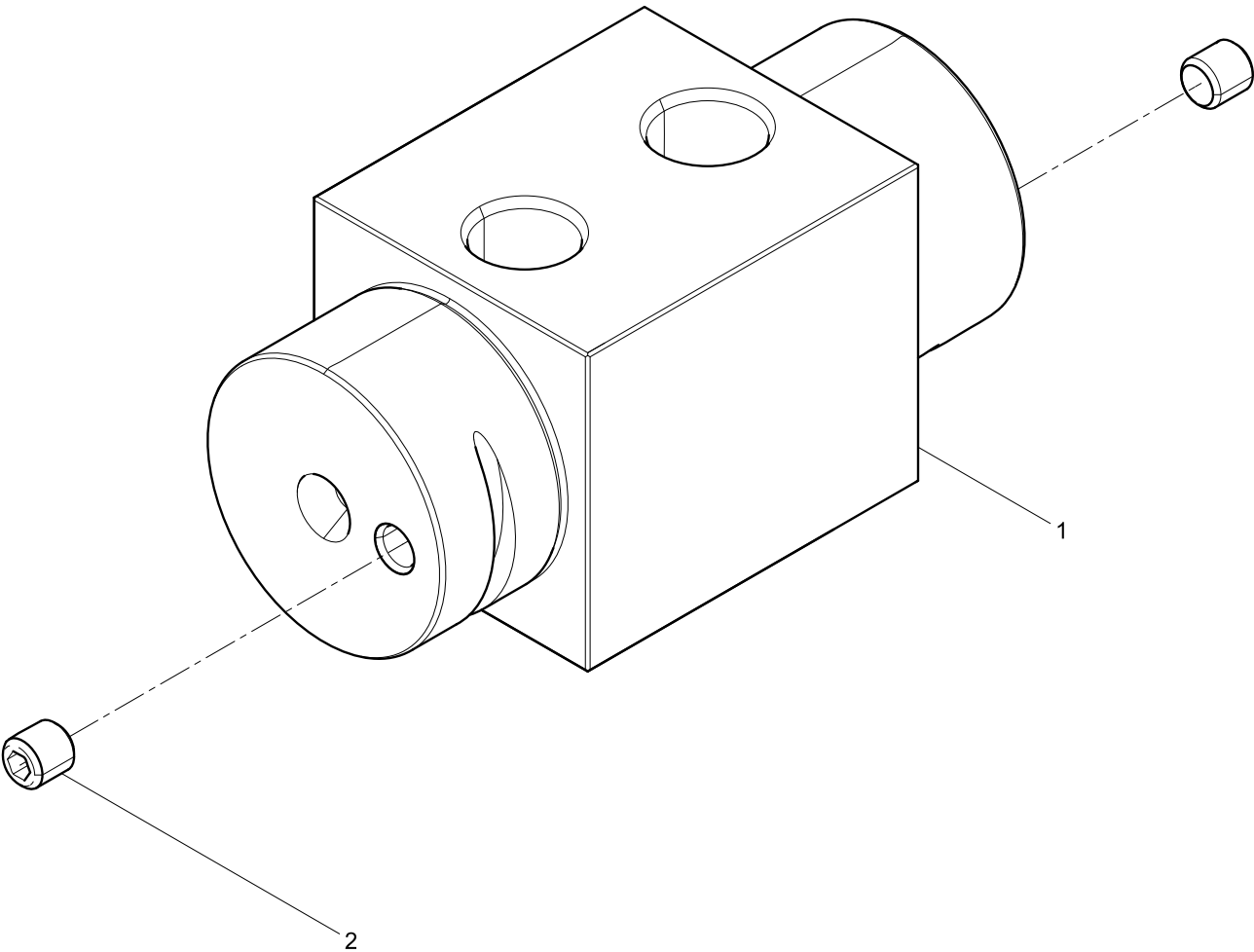
摇臂总成()



摇臂总成0

[illegible]

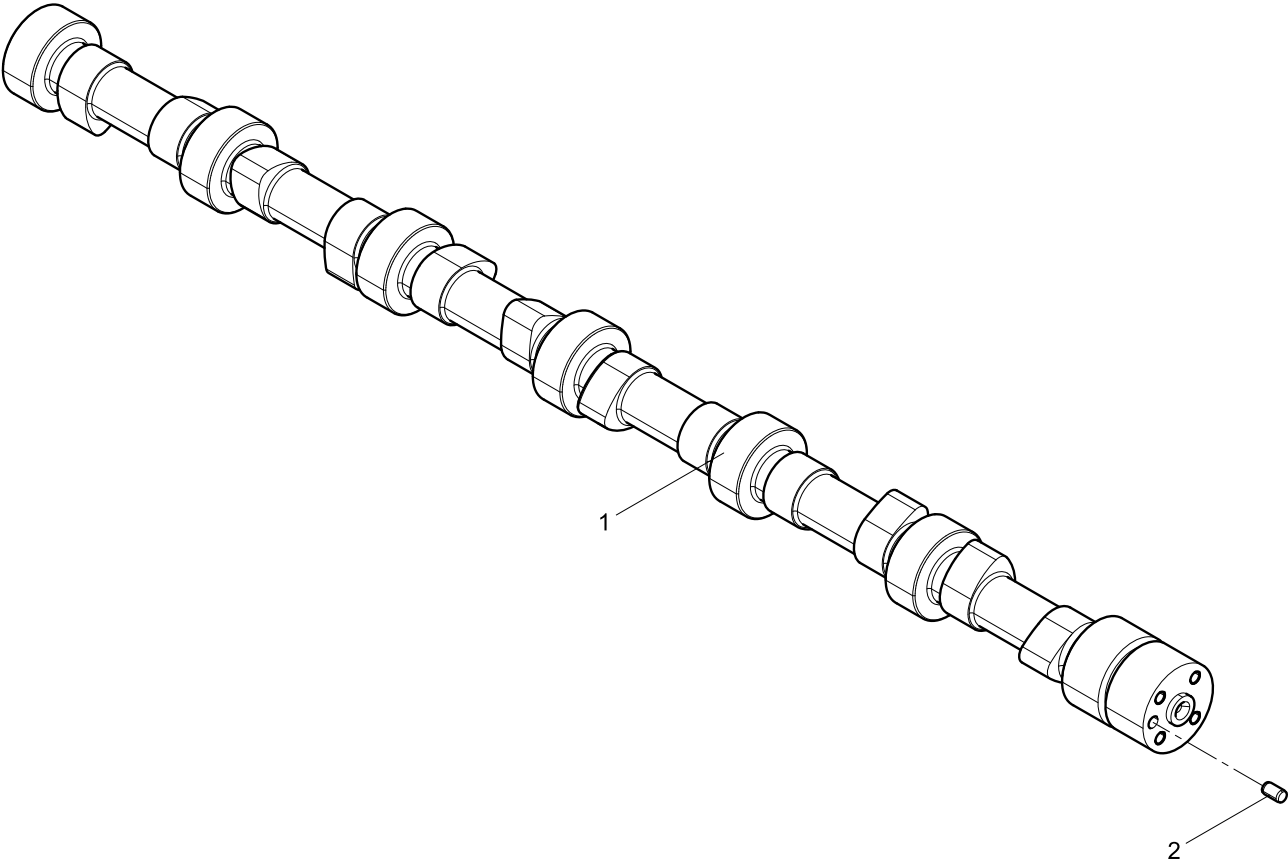
摇臂轴组件(Rocker Arm Shaft Set)



摇臂轴组件(Rocker Arm Shaft Set)

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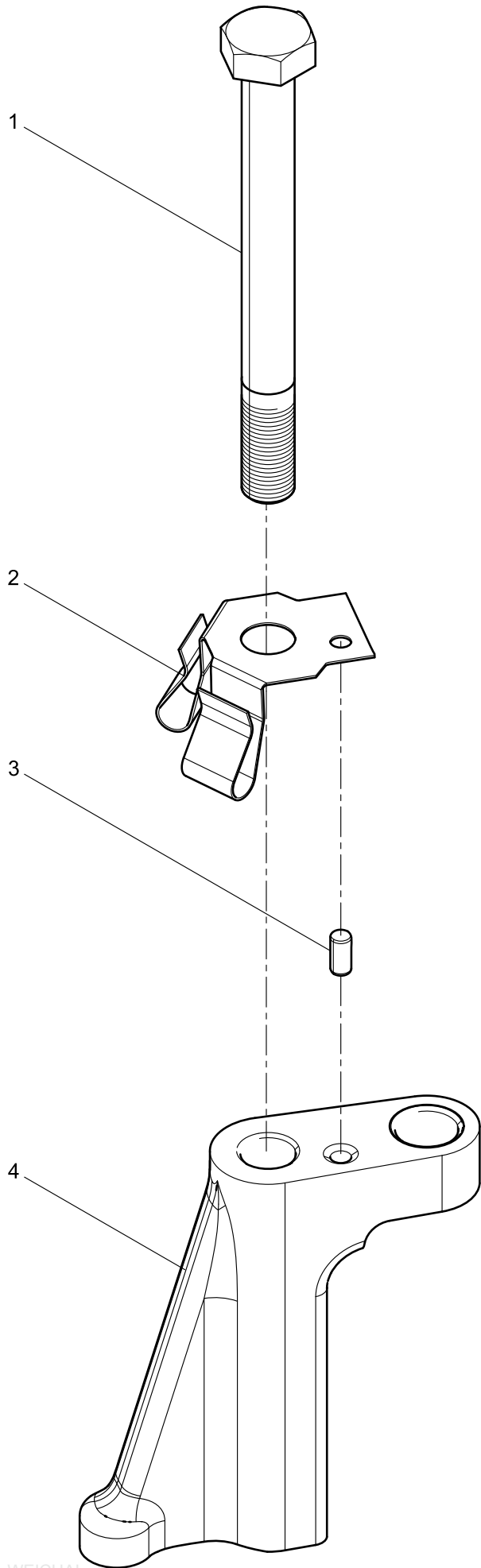
凸轮轴总成(Camshaft Assembly)



凸轮轴总成(Camshaft Assembly)

[illegible]

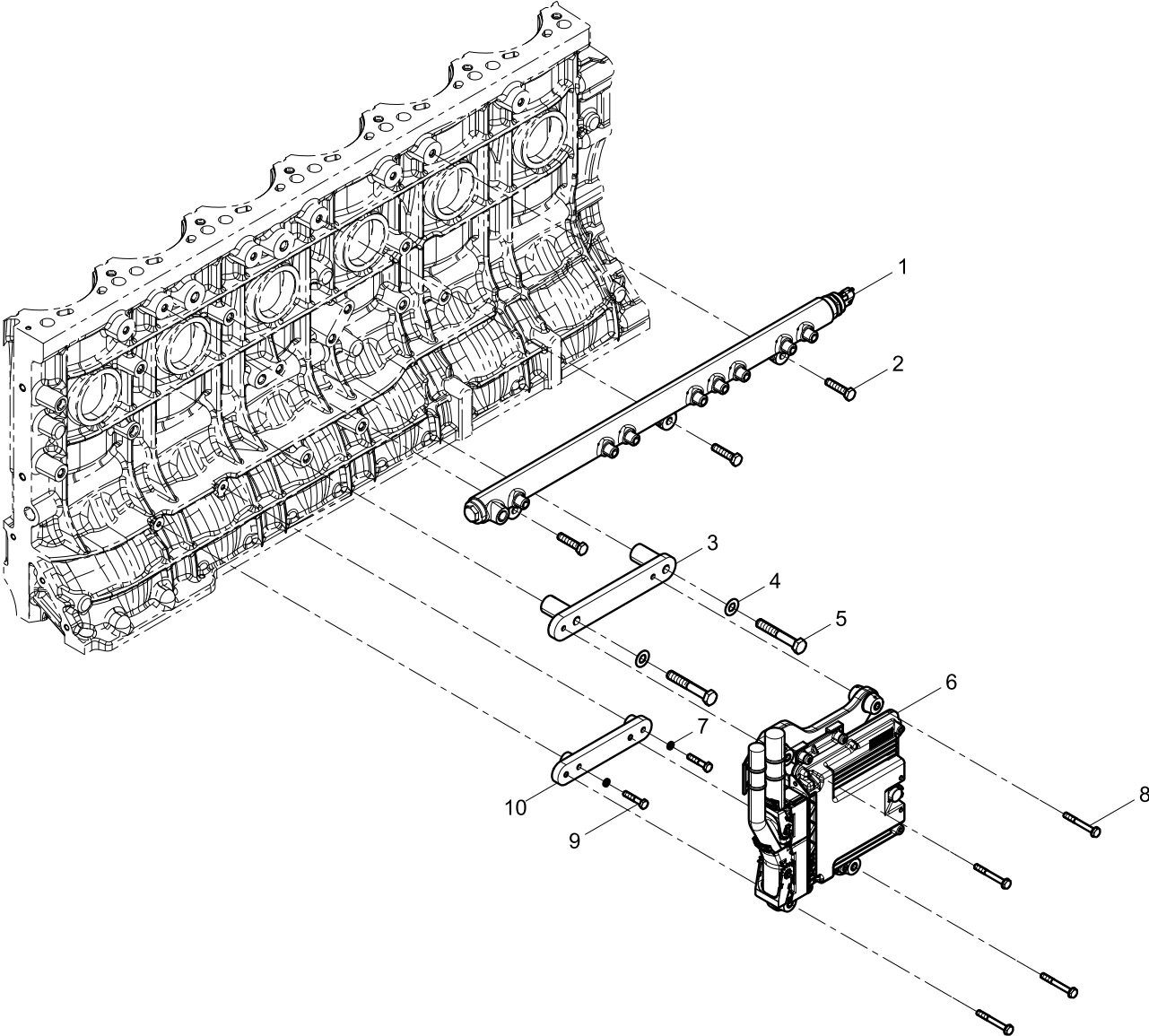
EVB 支架总成(EVB Bracket Assembly)



EVB 支架总成(EVB Bracket Assembly)

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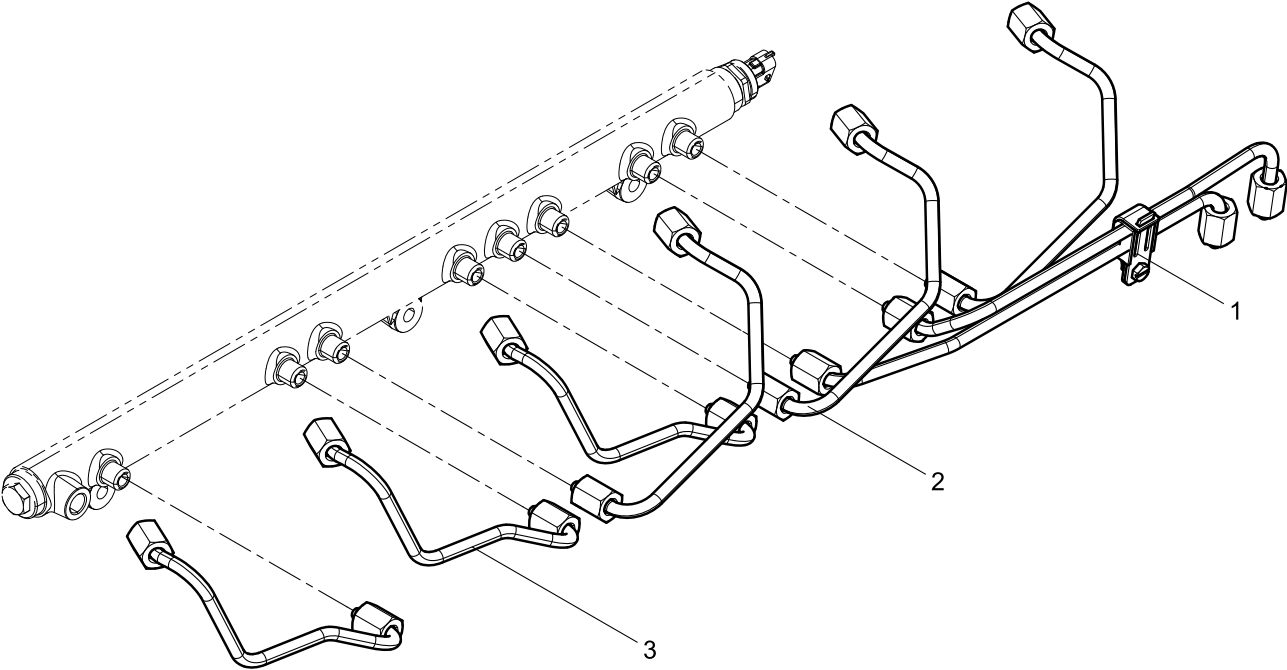
共轨系统结合组(Common Rail System Assembly)



共轨系统结合组(Common Rail System Assembly)

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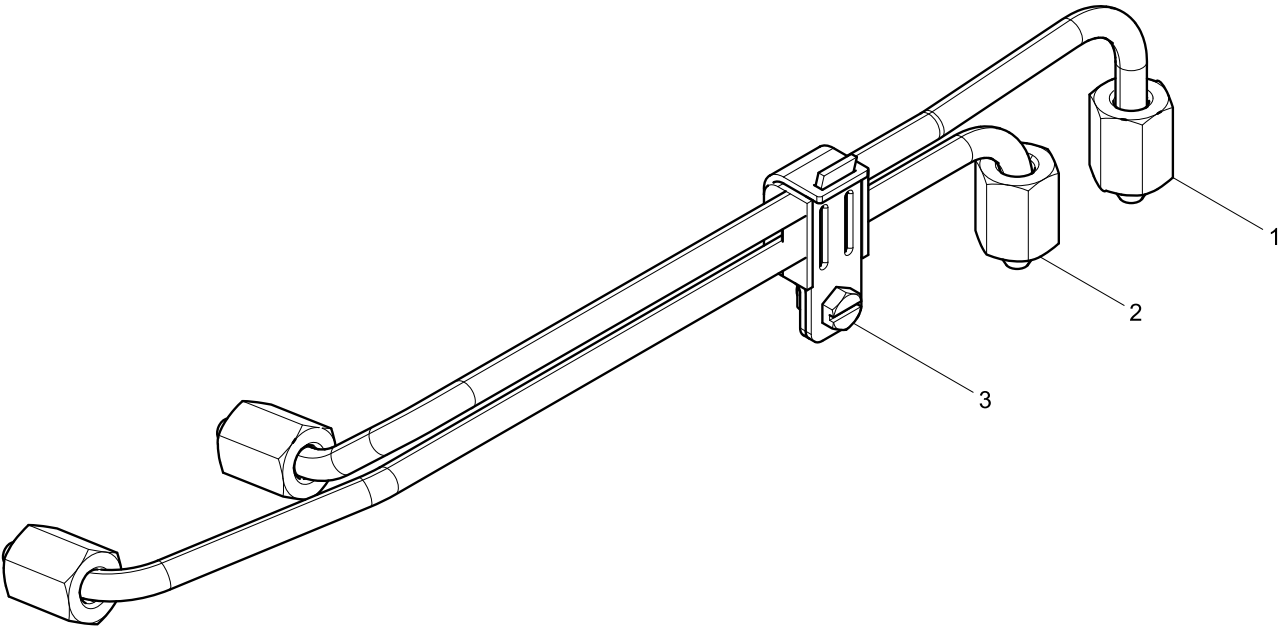
高压油管组件(High Pressure Pipe Set)



高压油管组件(High Pressure Pipe Set)

[illegible]

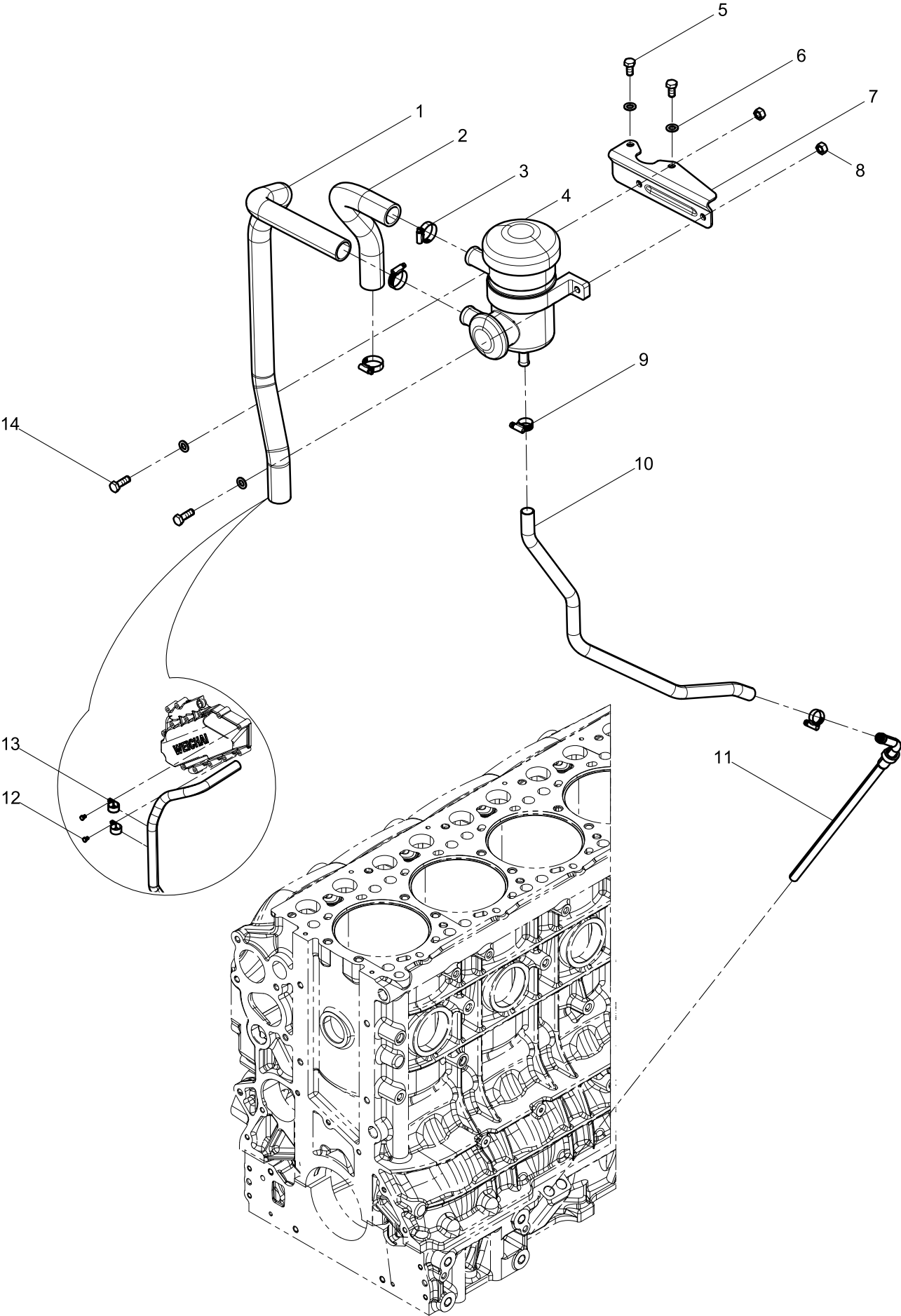
高压油管总成(High-pressure Fuel Pipe Assembly)



高压油管总成(High-pressure Fuel Pipe Assembly)

[illegible]

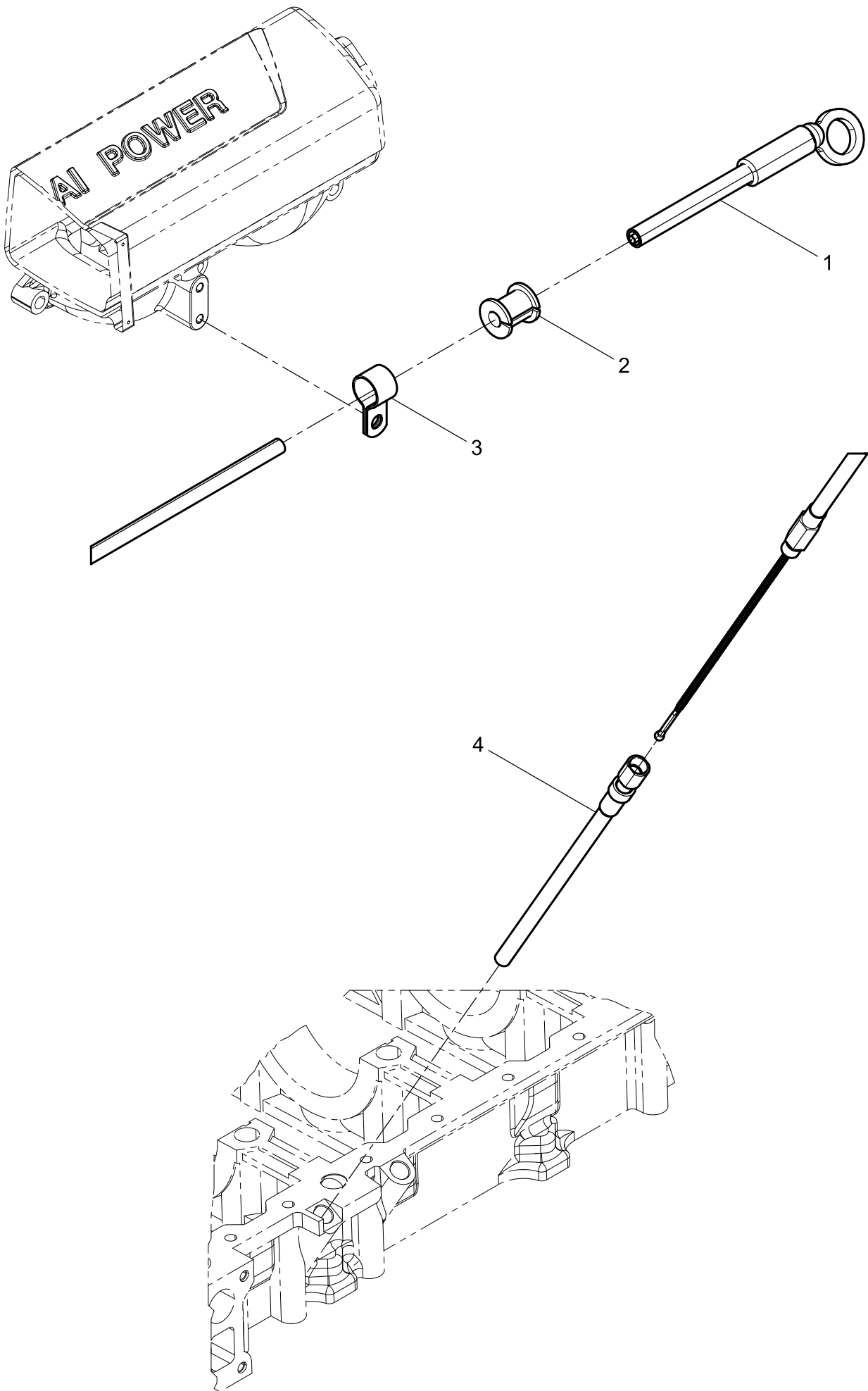
油气分离器结合组(Oil-gas Separator Group)



油气分离器结合组(Oil-gas Separator Group)

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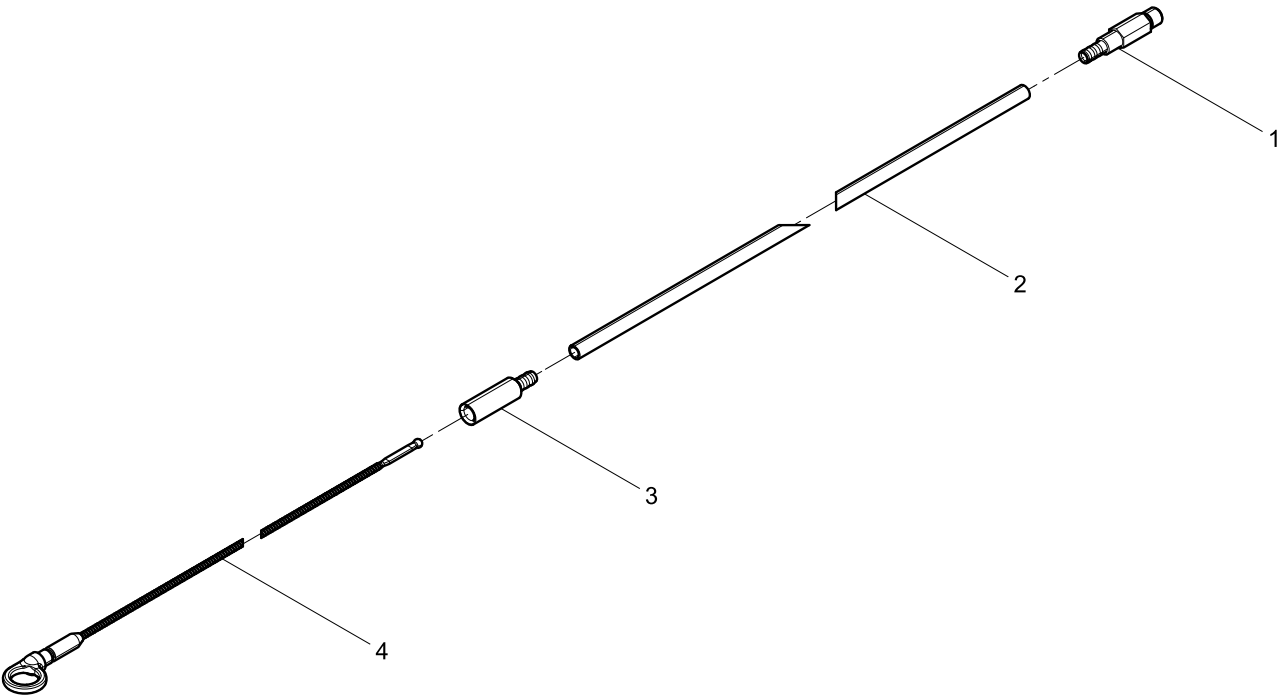
油尺结合组0



油尺结合组0

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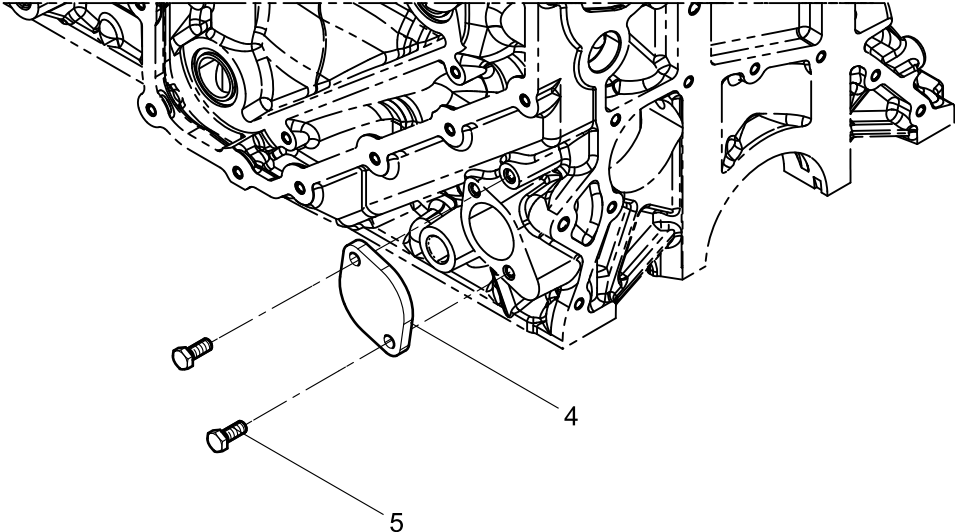
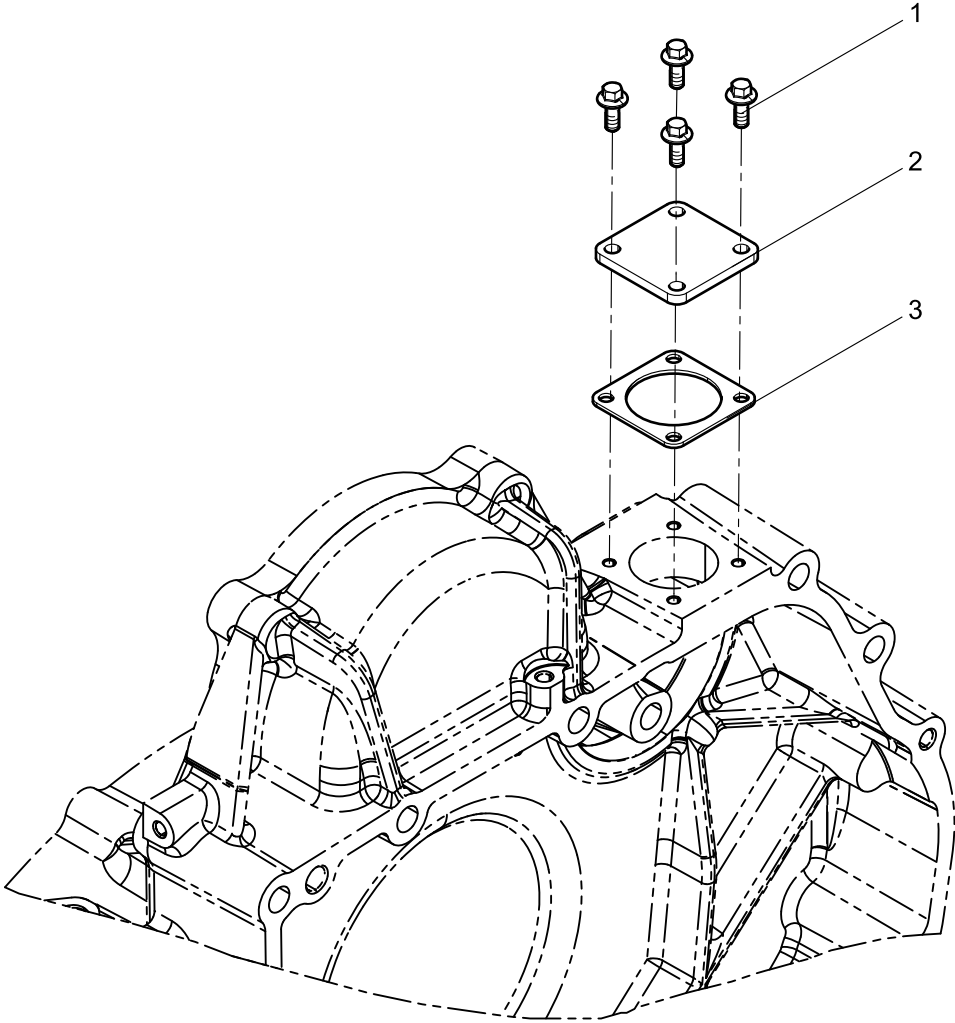
油标尺总成(Dipstick Assembly)



油标尺总成(Dipstick Assembly)

[illegible]

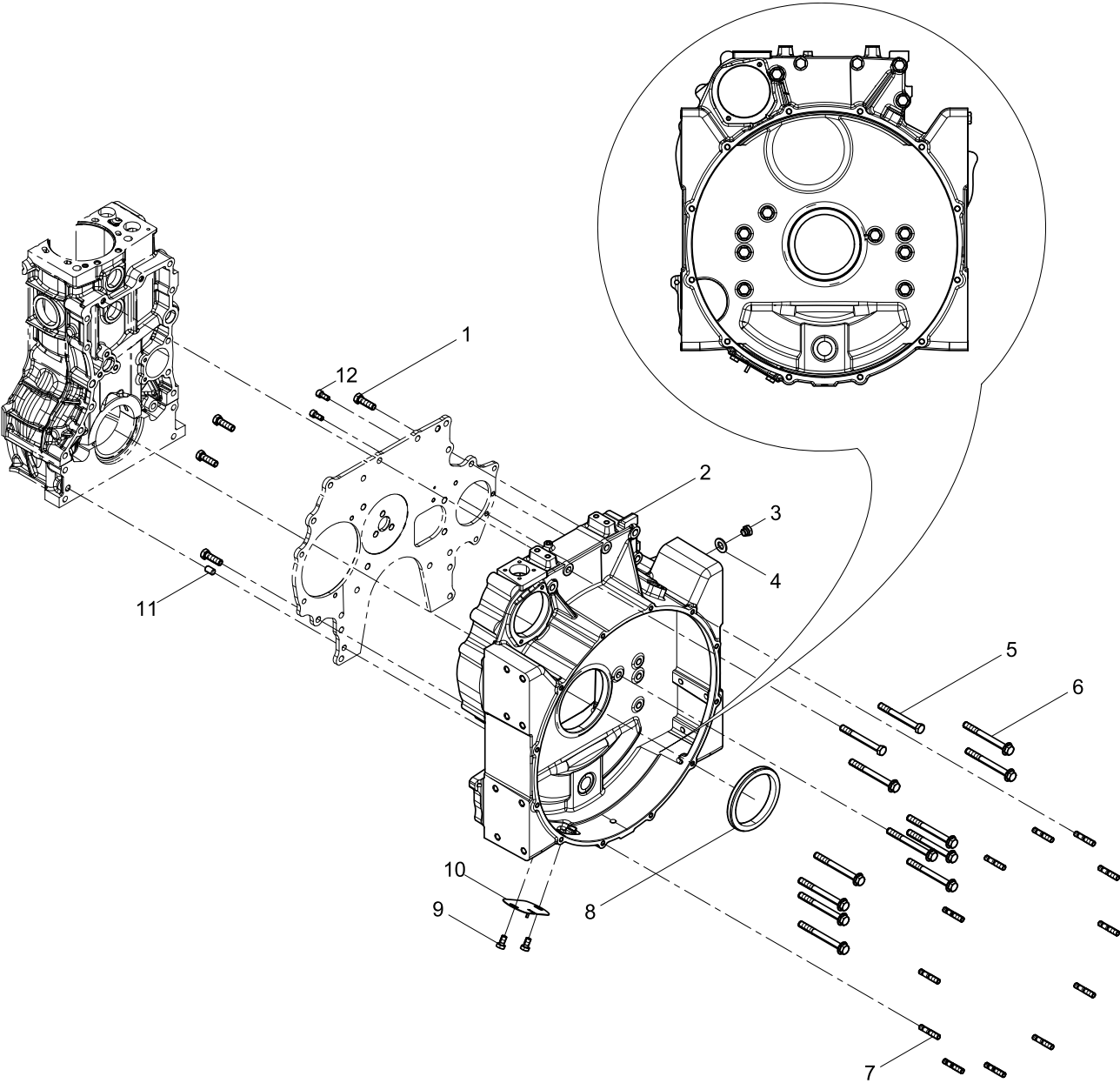
加油管结合组(Oil Filling Pipe Group)



加油管结合组(Oil Filling Pipe Group)

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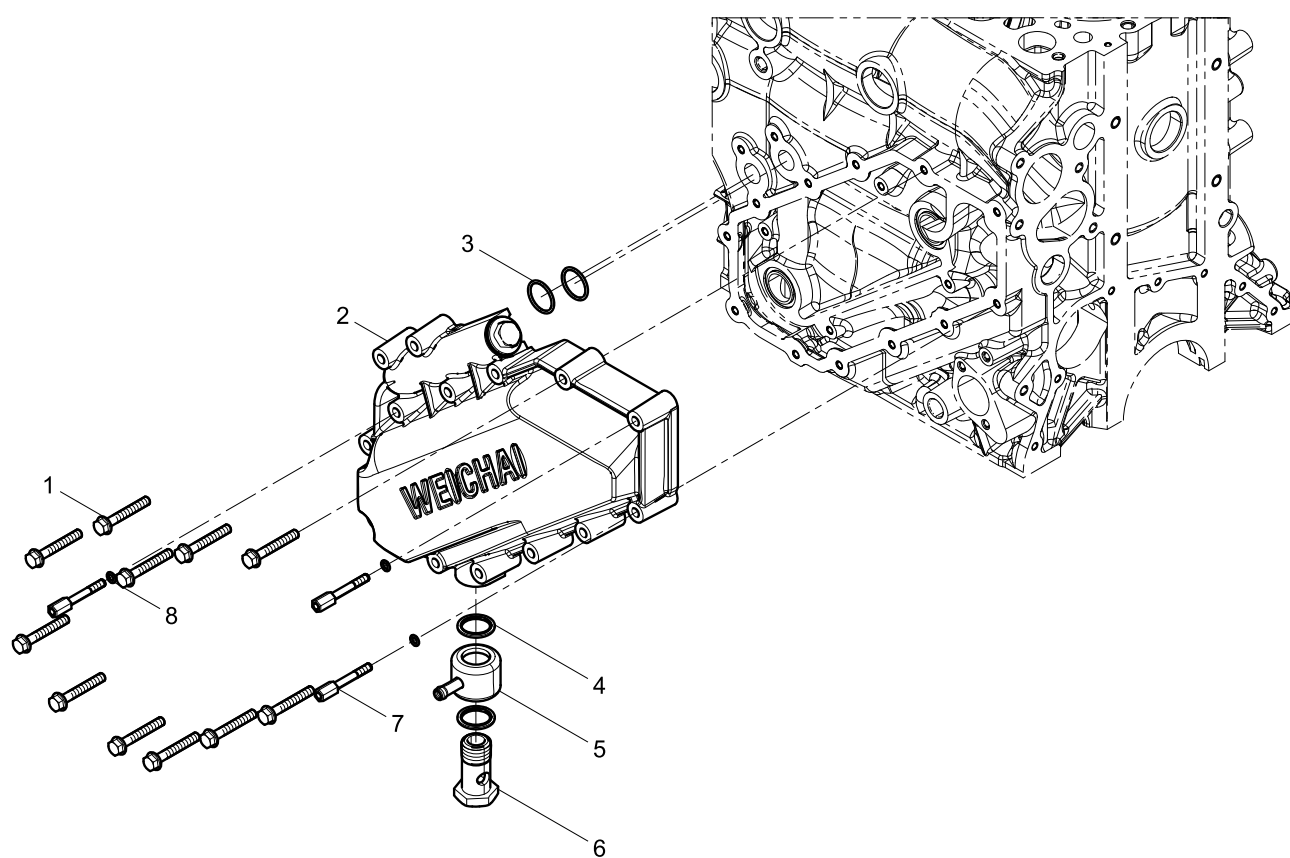
飞轮壳结合组(Flywheel Housing Group)



飞轮壳结合组(Flywheel Housing Group)

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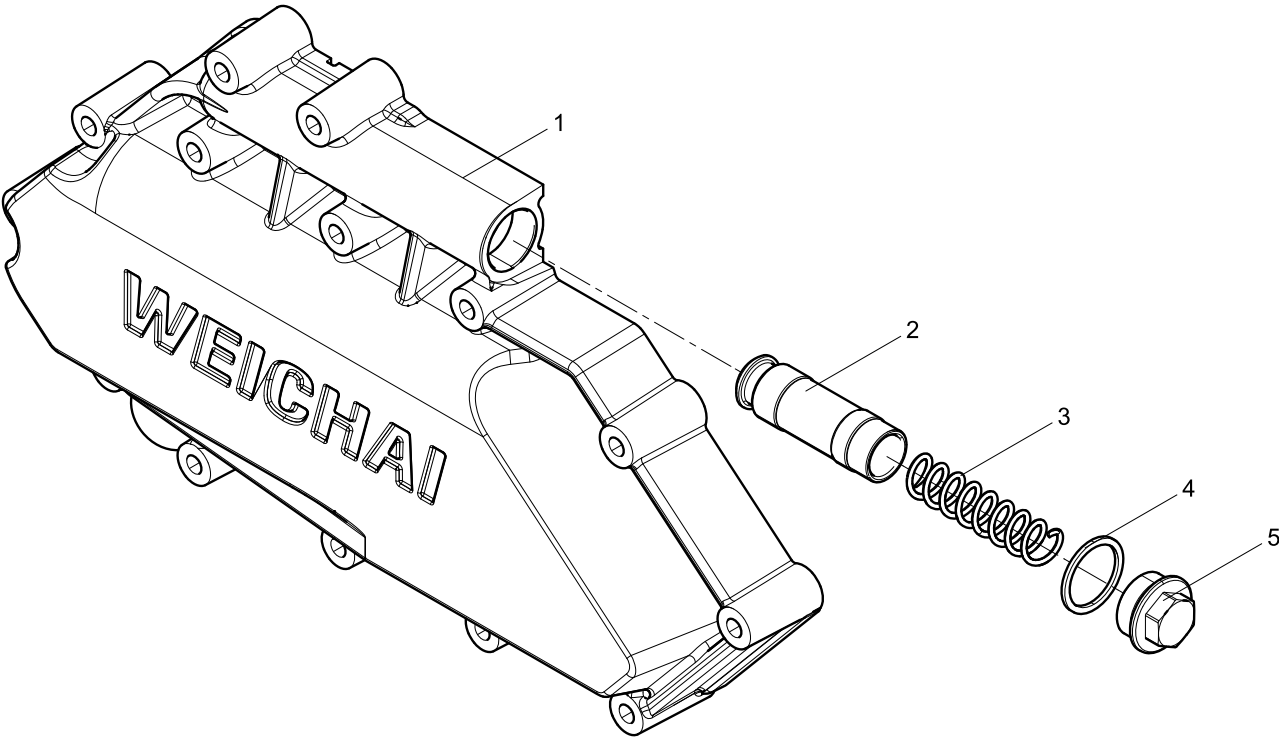
机油冷却器盖结合组(Oil cooler cap Group)



机油冷却器盖结合组(Oil cooler cap Group)

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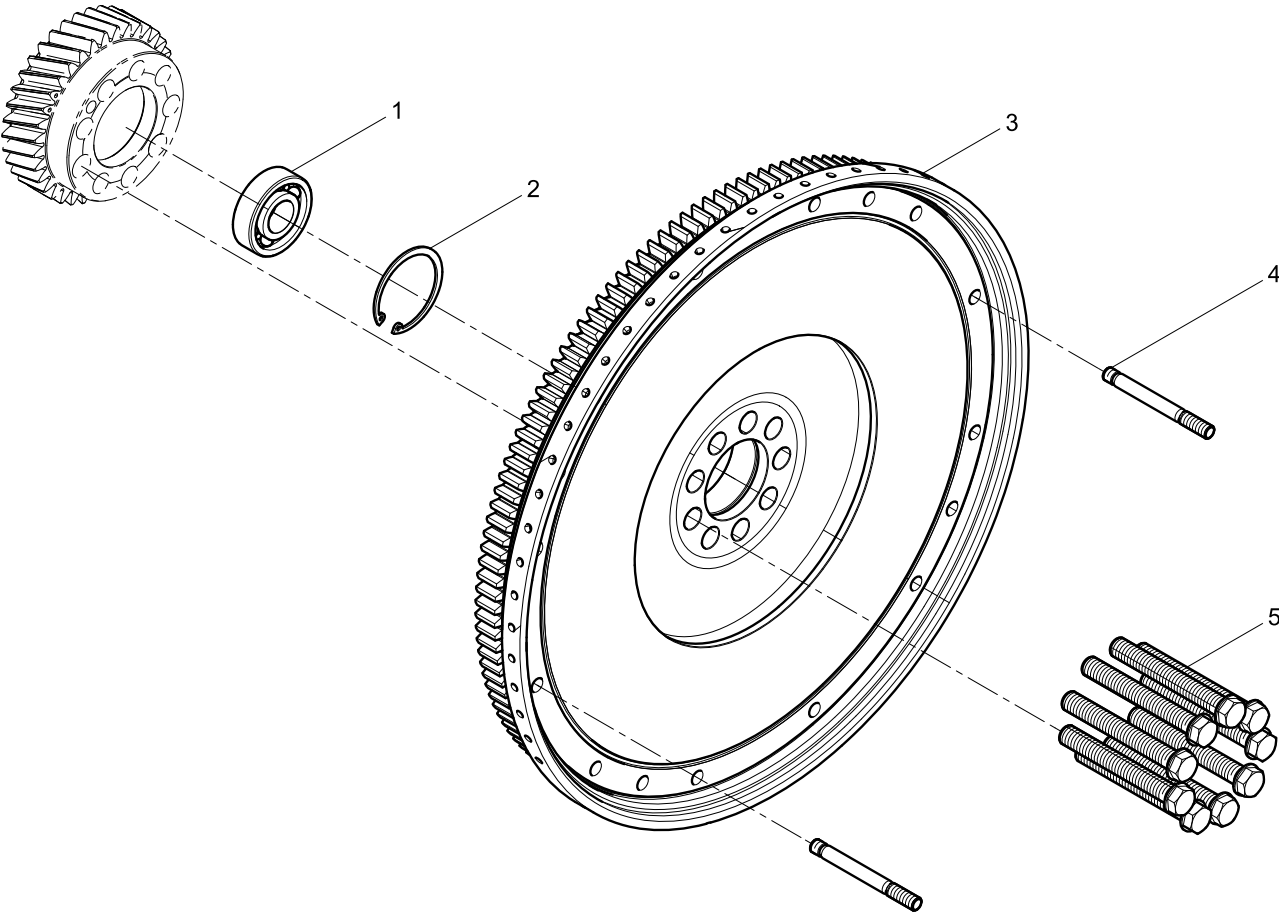
机油冷却器盖总成(Oil Cooler Cap Assembly)



机油冷却器盖总成(Oil Cooler Cap Assembly)

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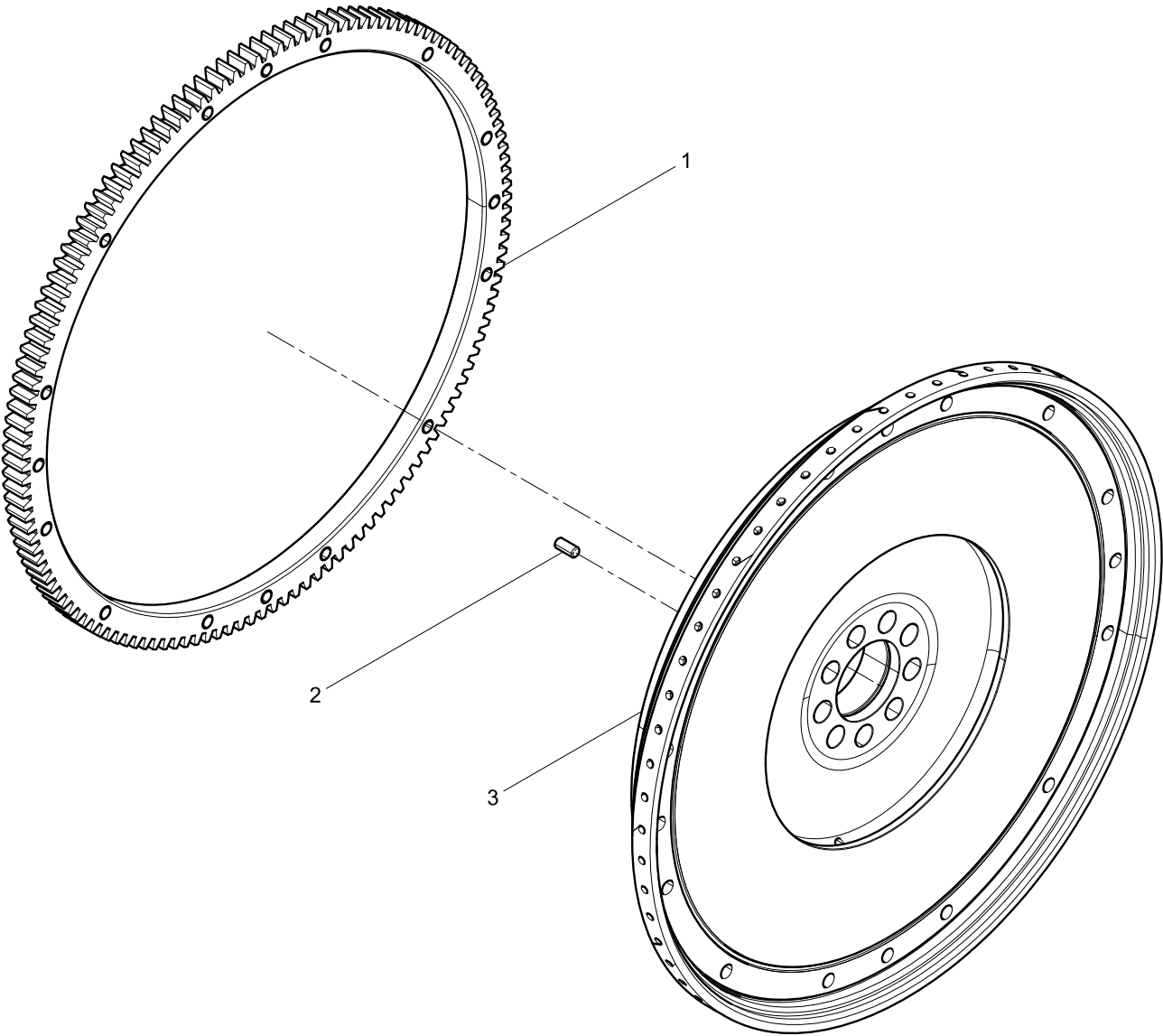
飞轮结合组(Flywheel Group)



飞轮结合组(Flywheel Group)

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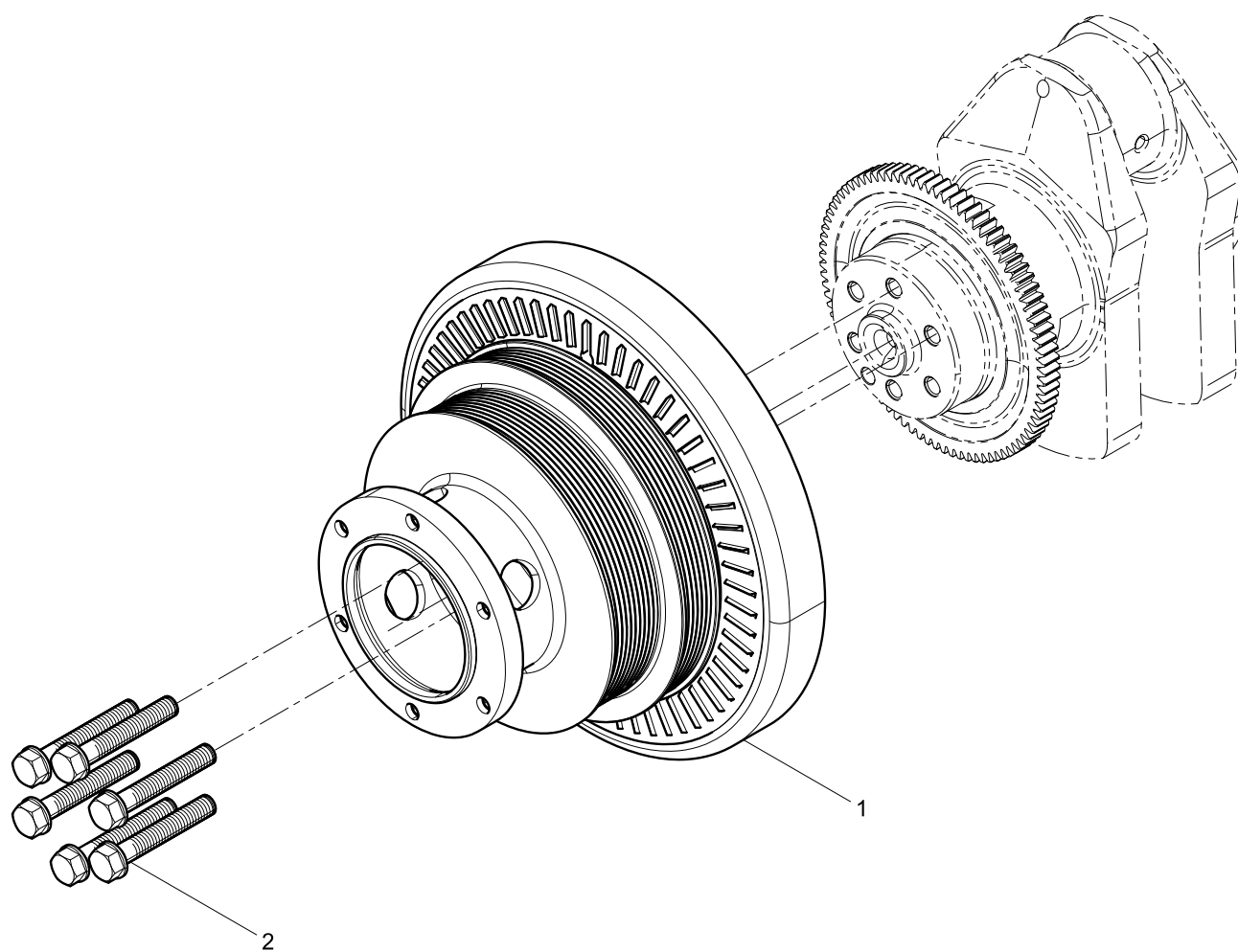
飞轮总成(Flywheel Assembly)



飞轮总成(Flywheel Assembly)

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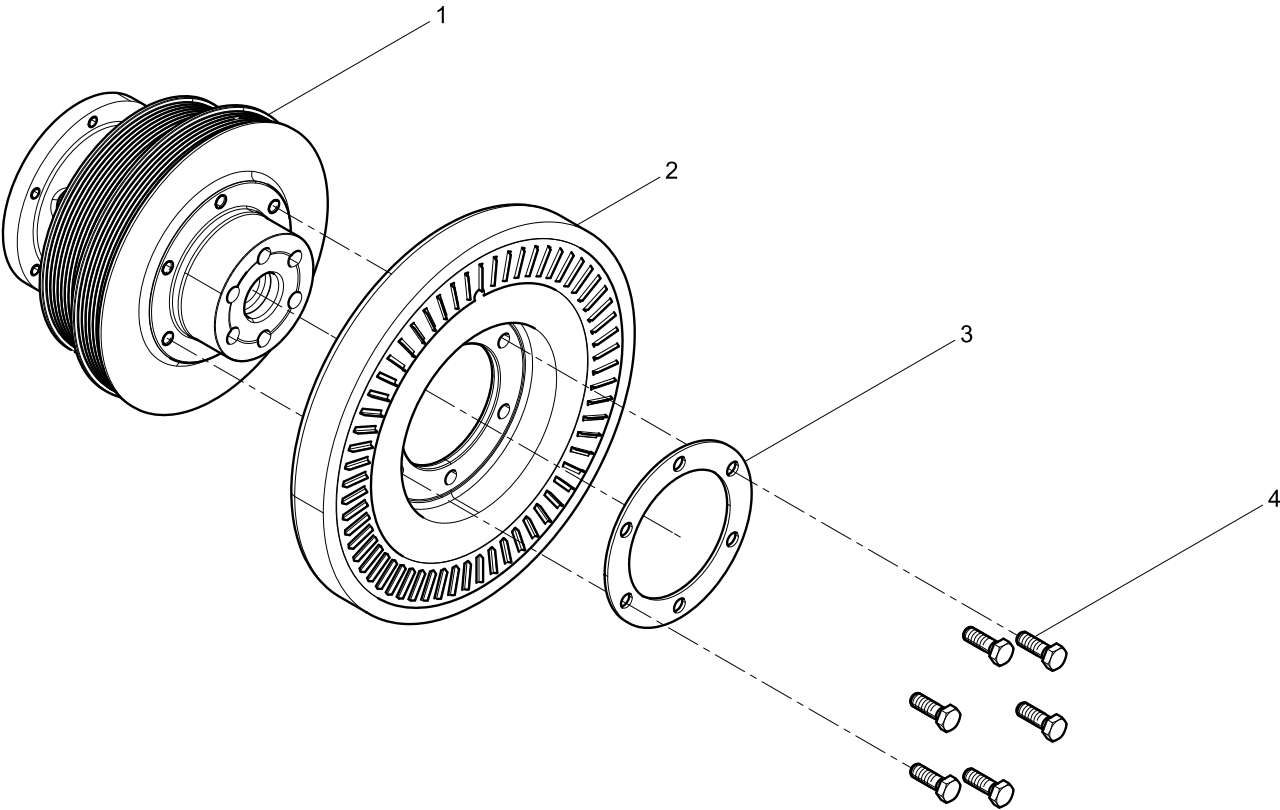
曲轴皮带轮结合组(Crankshaft Pulley Group)



曲轴皮带轮结合组(Crankshaft Pulley Group)

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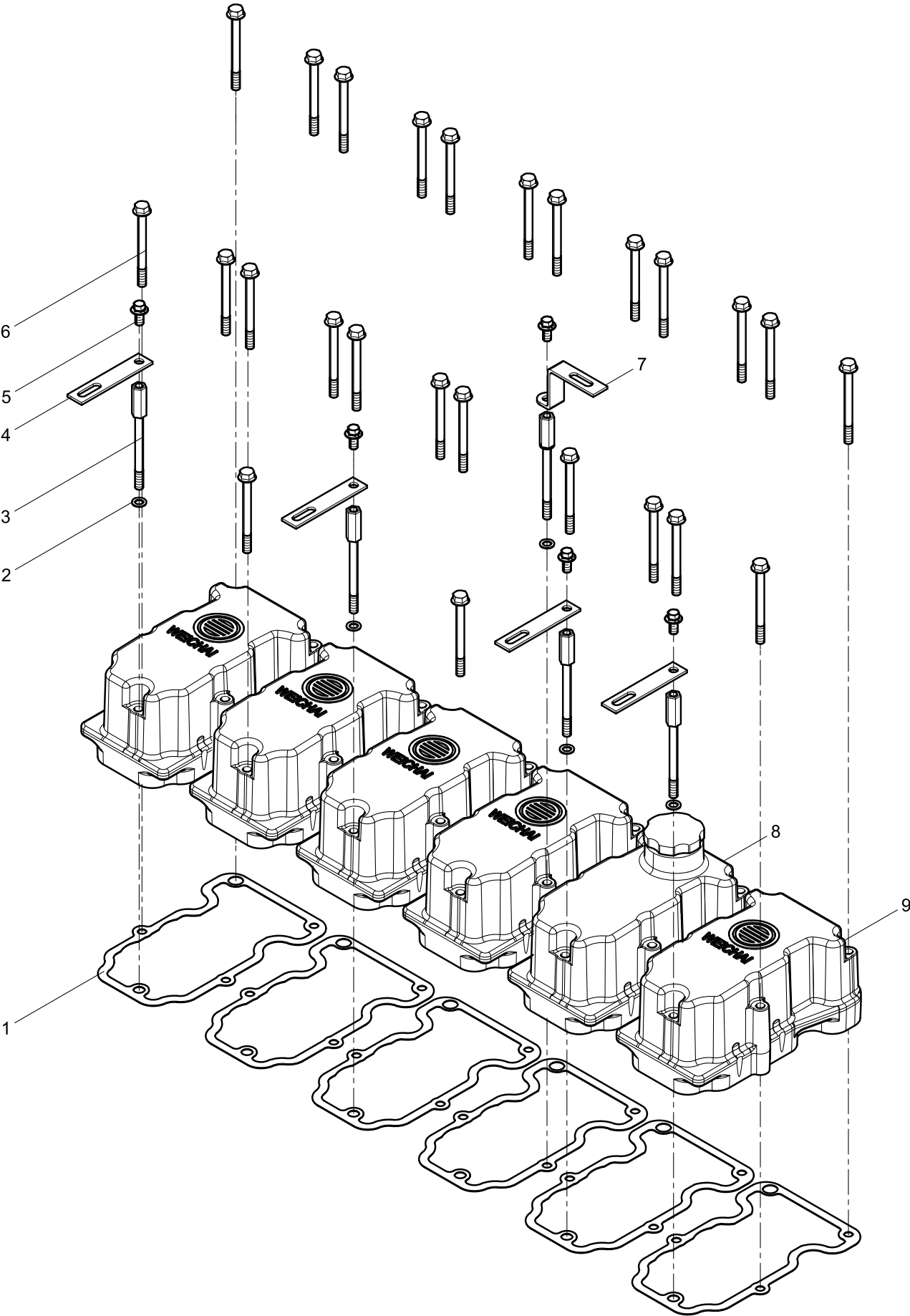
曲轴皮带轮总成(Crankshaft Pulley Assembly)



曲轴皮带轮总成(Crankshaft Pulley Assembly)

[illegible]

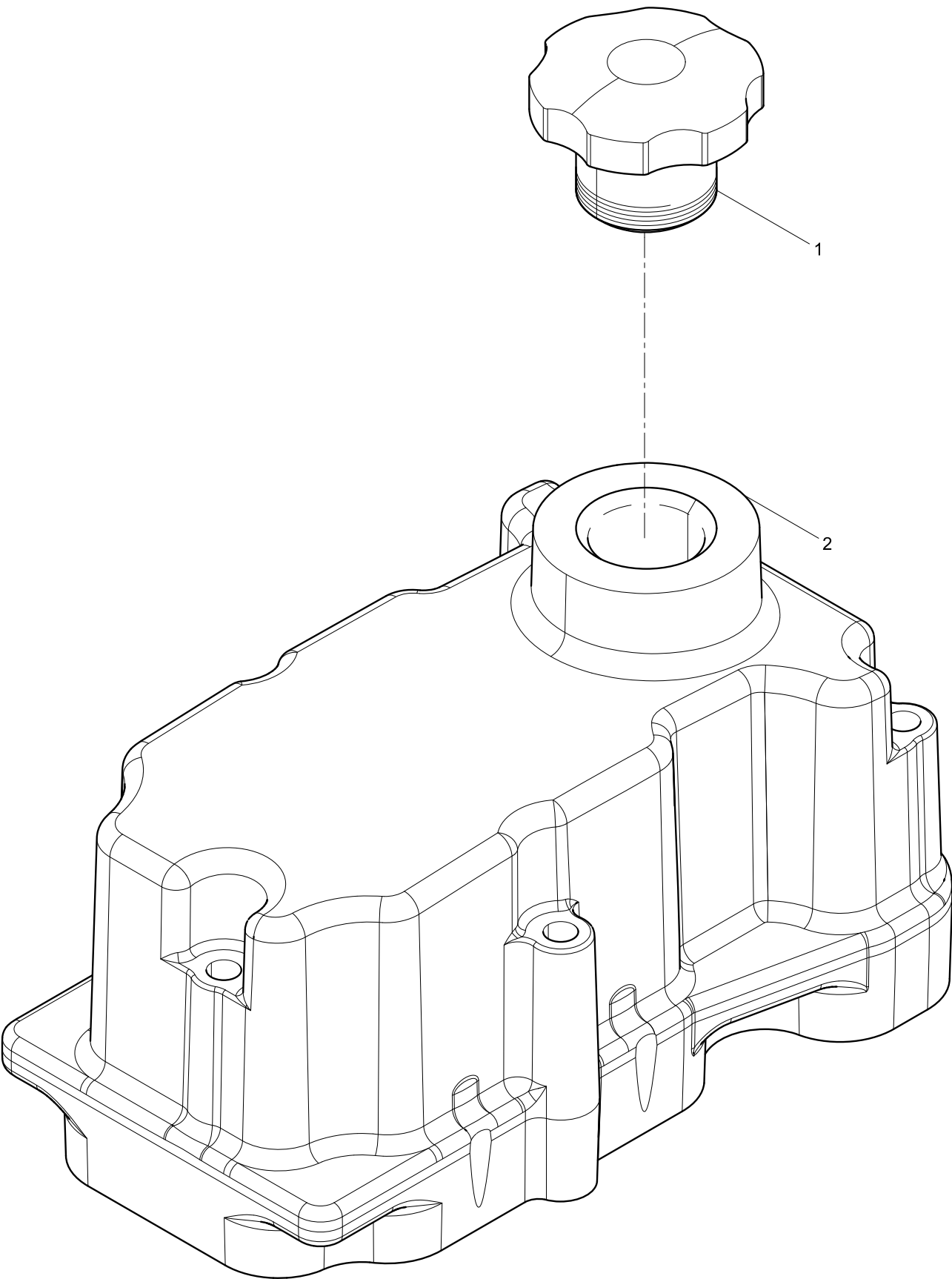
气缸盖罩组件(Cylinder head cover set)



气缸盖罩组件(Cylinder head cover set)

[illegible]

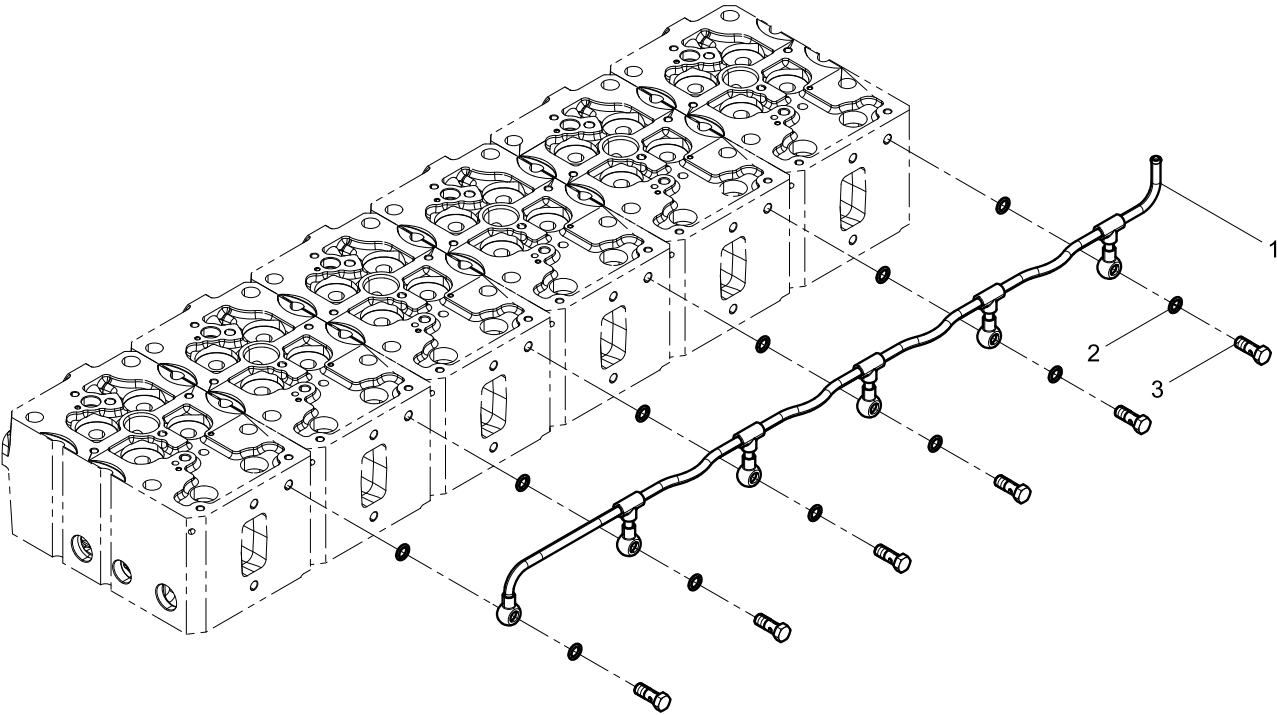
气缸盖罩总成(Cylinder Head Cover Assembly)



气缸盖罩总成(Cylinder Head Cover Assembly)

[illegible]

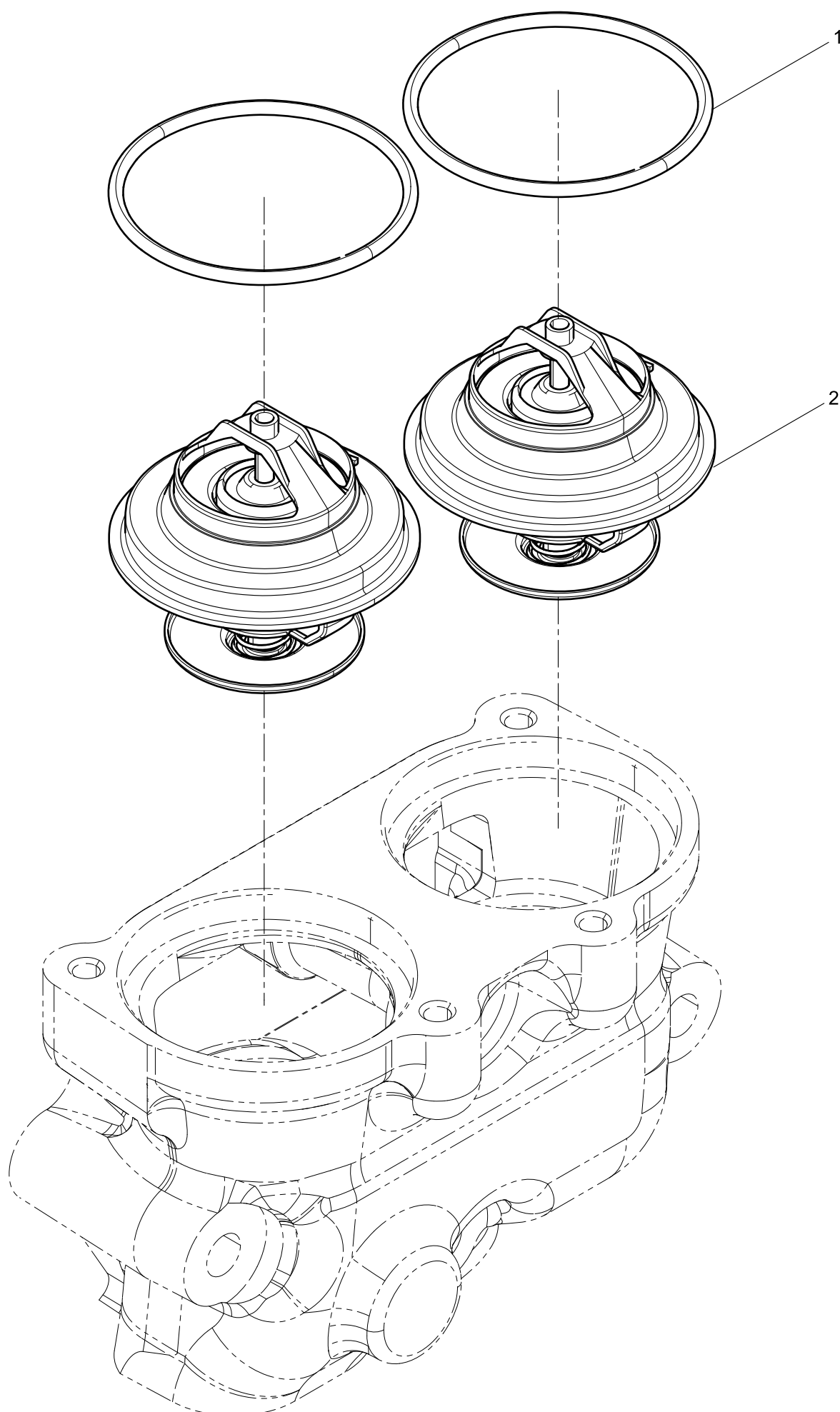
放气管结合组(Venting Pipe Group)



放气管结合组(Venting Pipe Group)

[illegible]

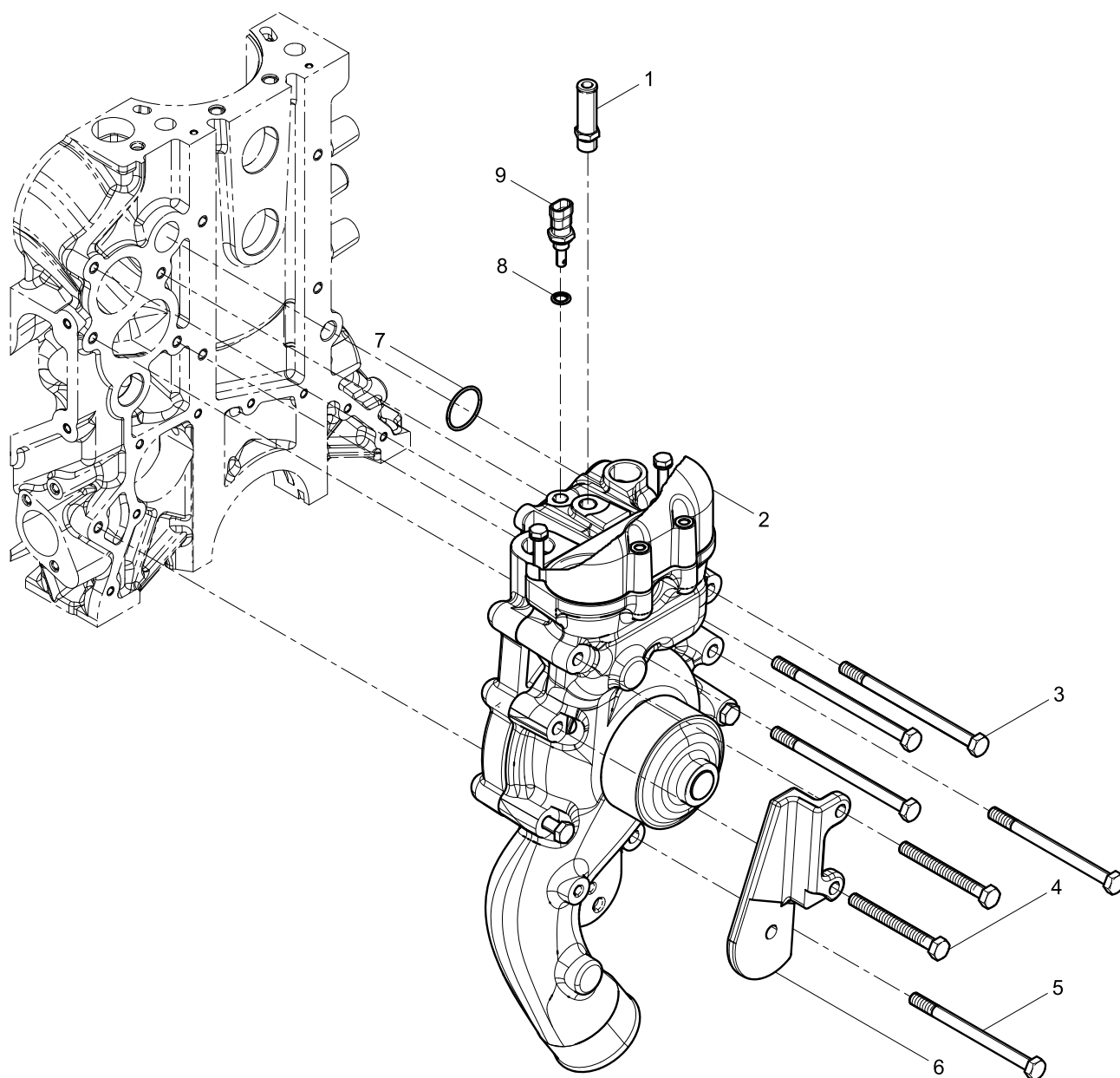
节温器结合组(Thermostat Group)



节温器结合组(Thermostat Group)

[illegible]

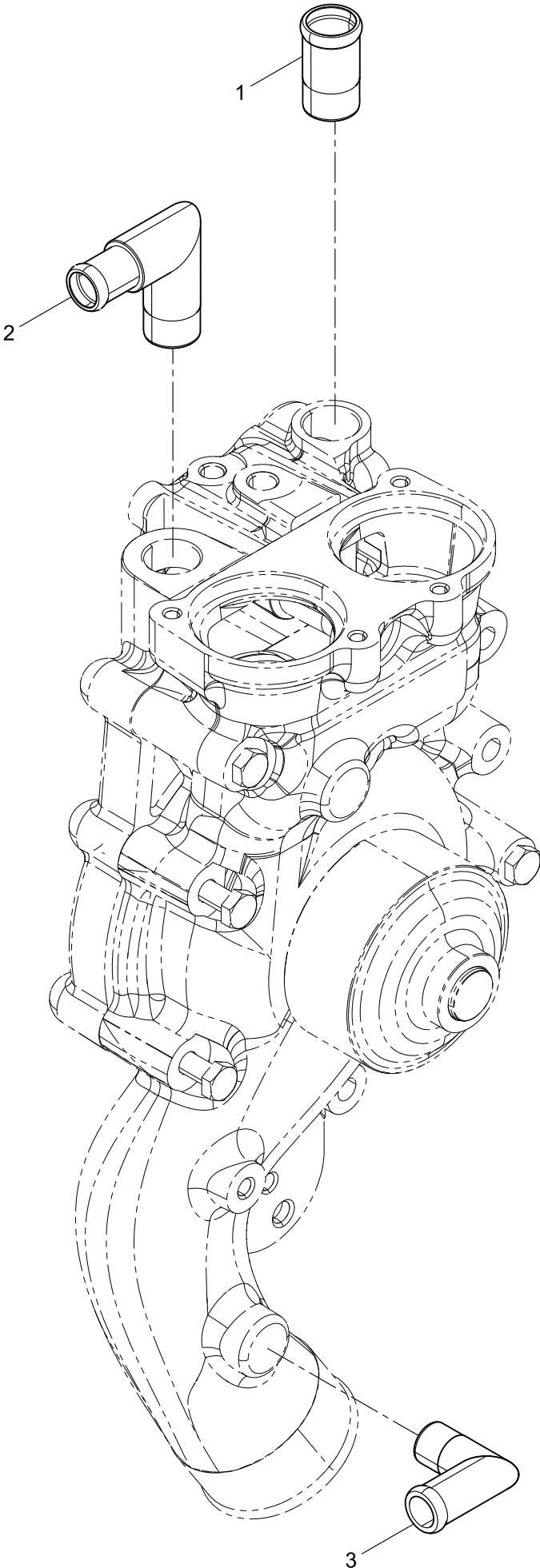
水泵结合组(Water Pump Group)



水泵结合组(Water Pump Group)

[illegible]

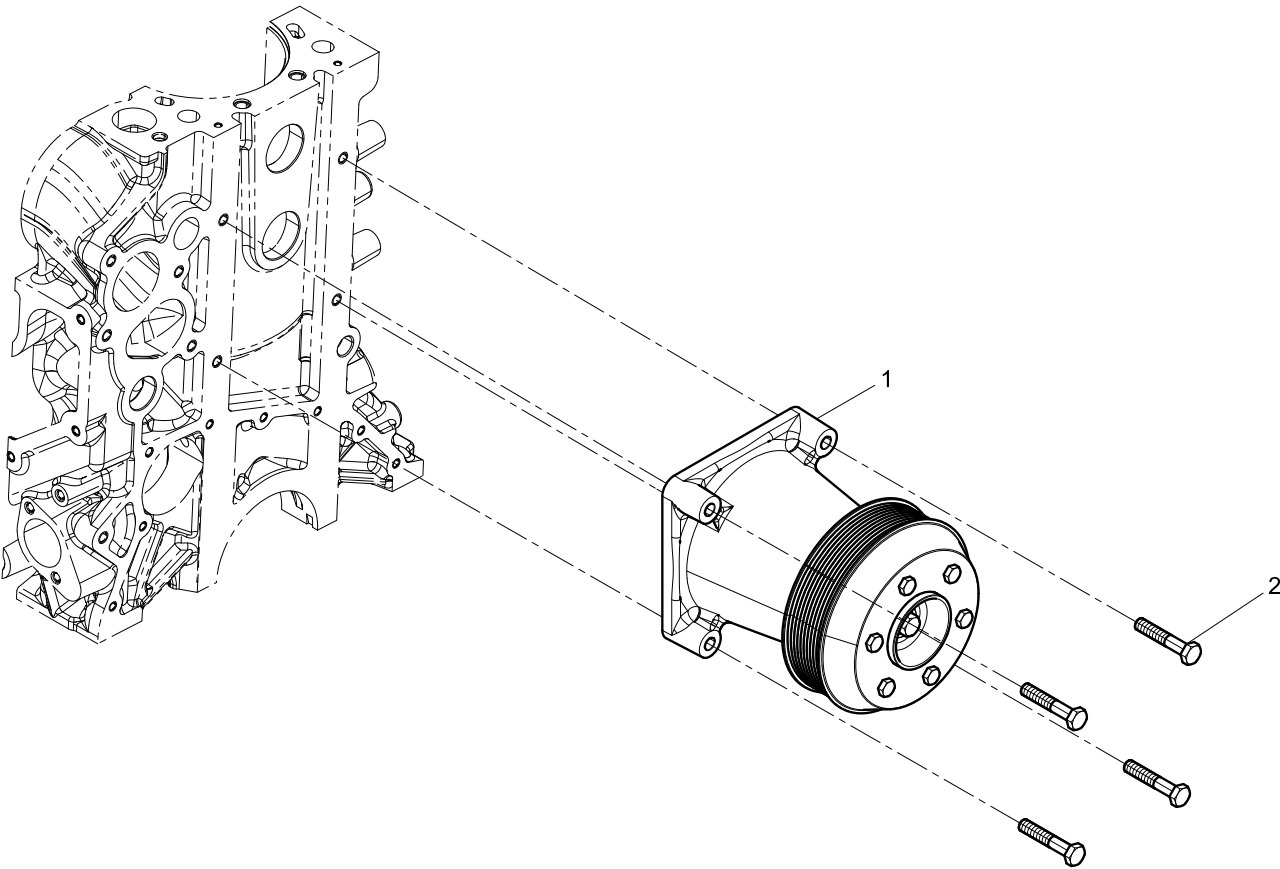
水管接头结合组(Water Pipe Connector Group)



水管接头结合组(Water Pipe Connector Group)

[illegible]

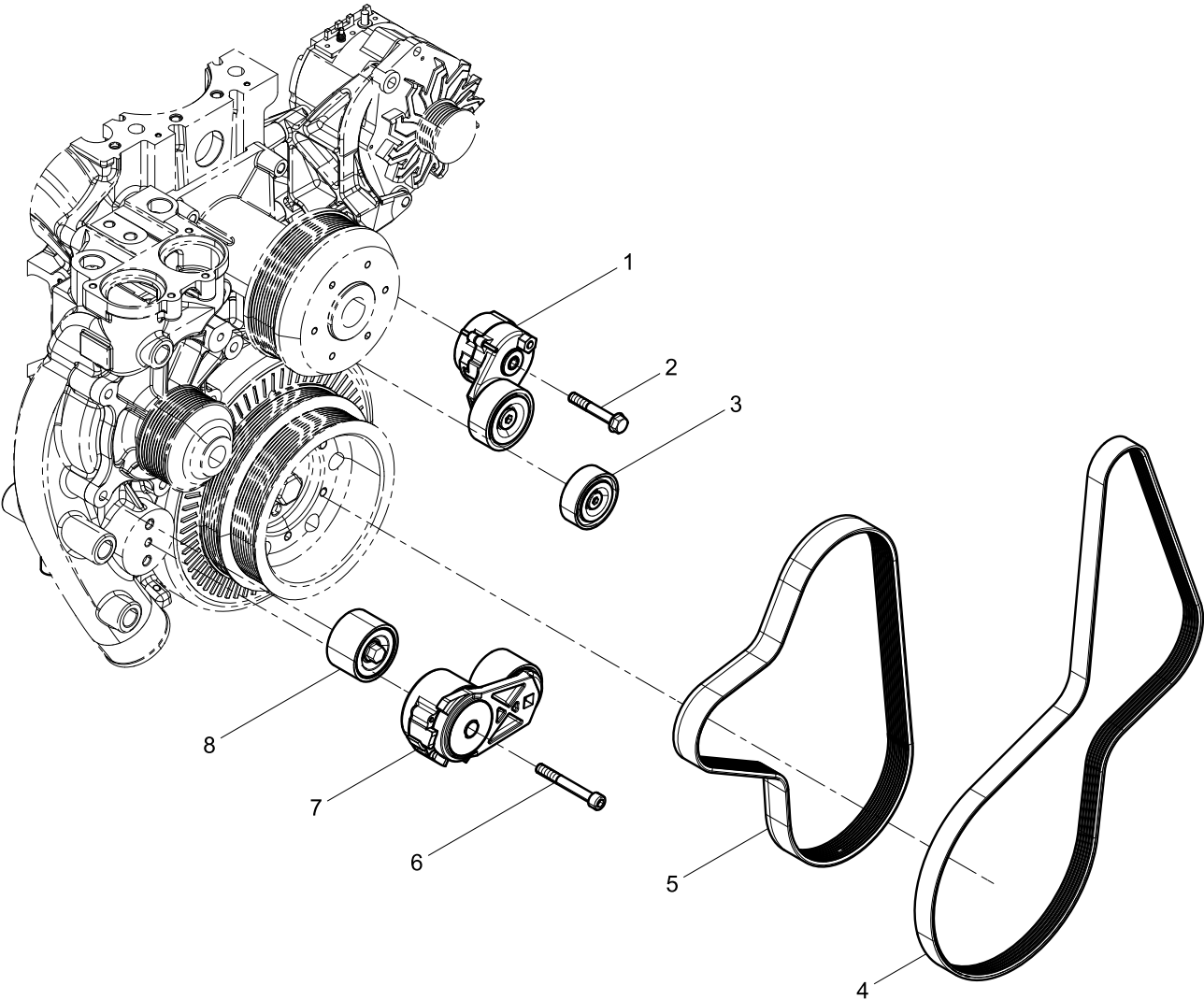
风扇托架结合组(Fan Bracket Group)



风扇托架结合组(Fan Bracket Group)

[illegible]

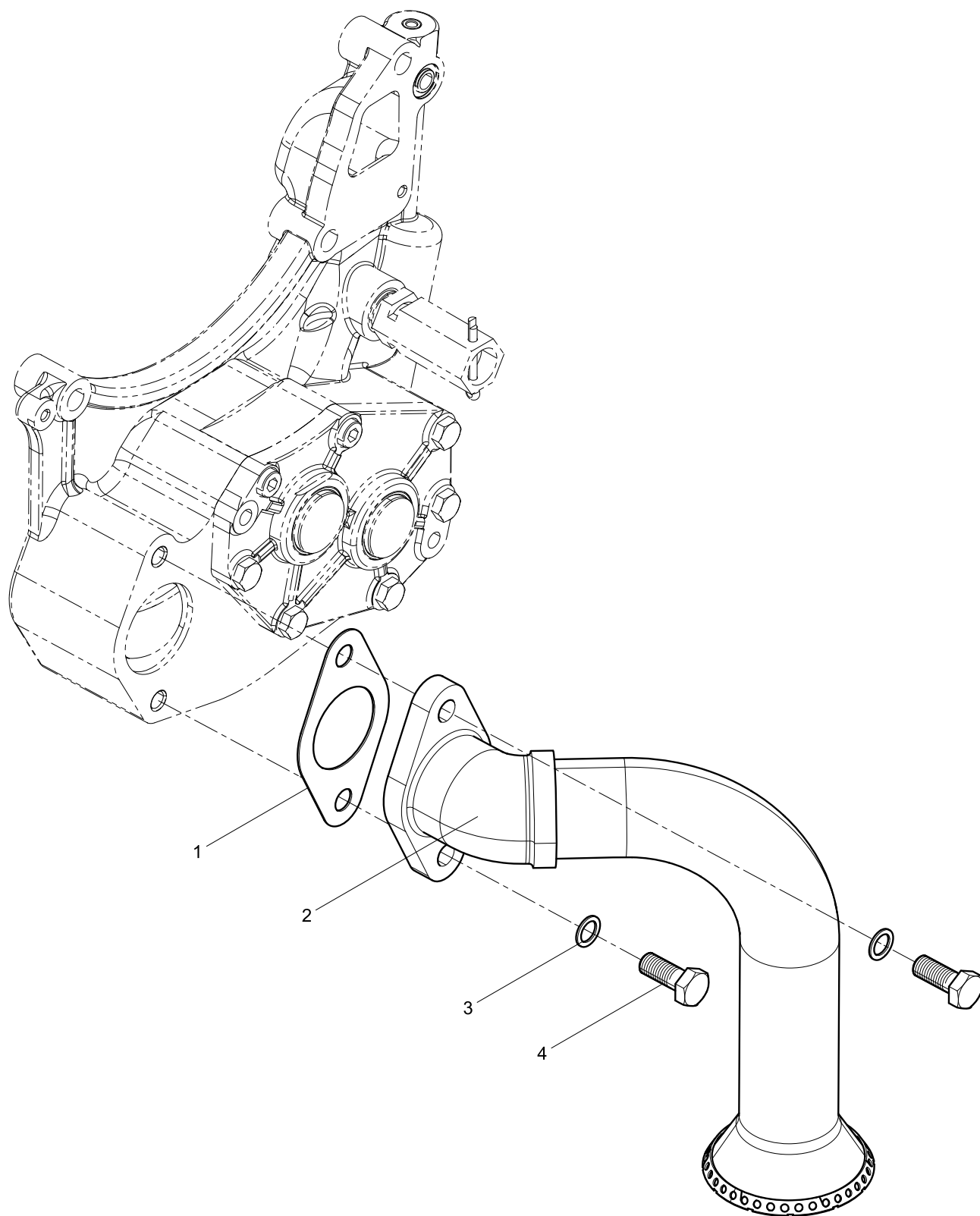
张紧轮及皮带结合组(Tensioner And Belt Group)



张紧轮及皮带结合组(Tensioner And Belt Group)

[illegible]

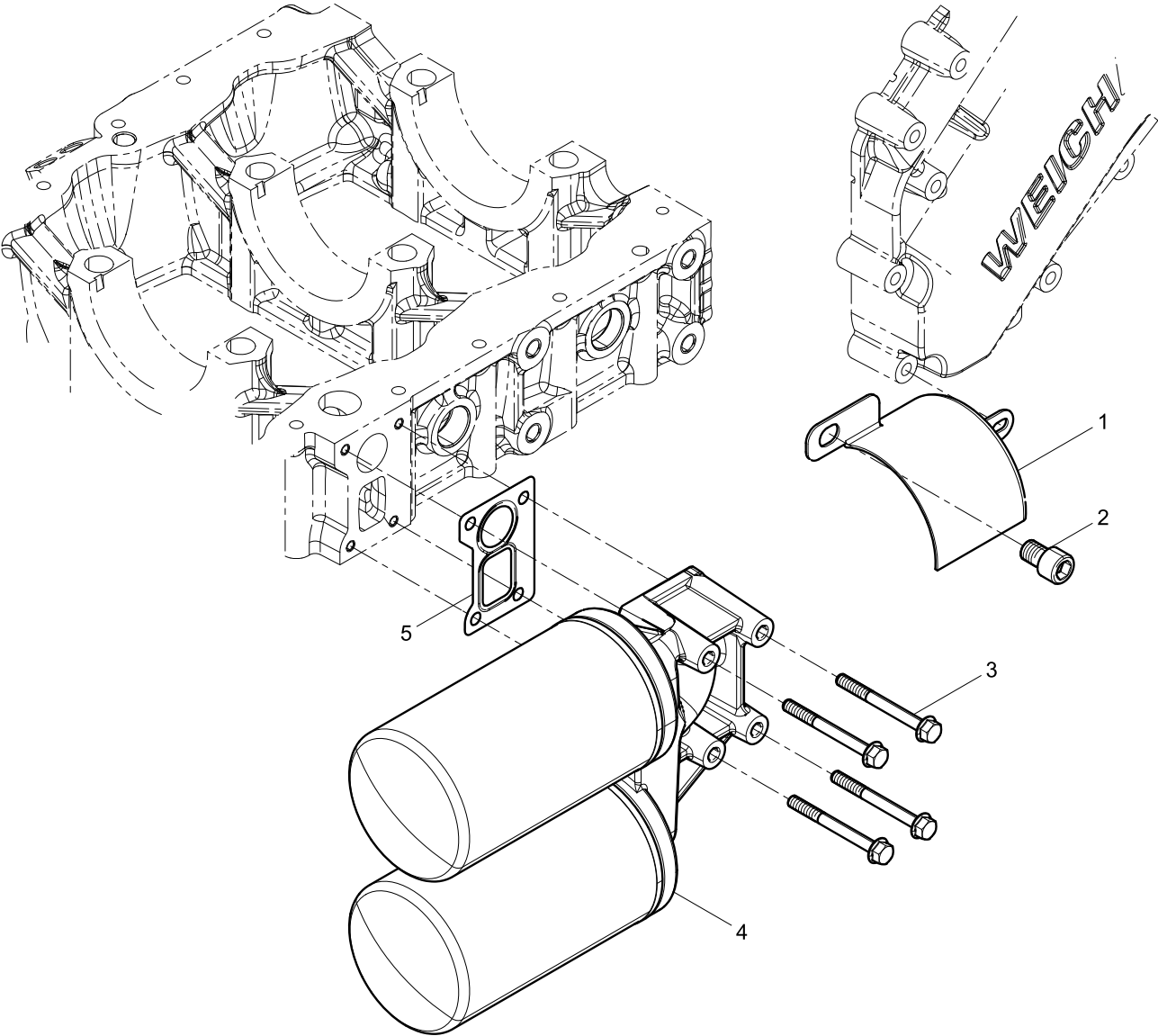
机油集滤器结合组(Oil Strainer Group)



机油集滤器结合组(Oil Strainer Group)

[illegible]

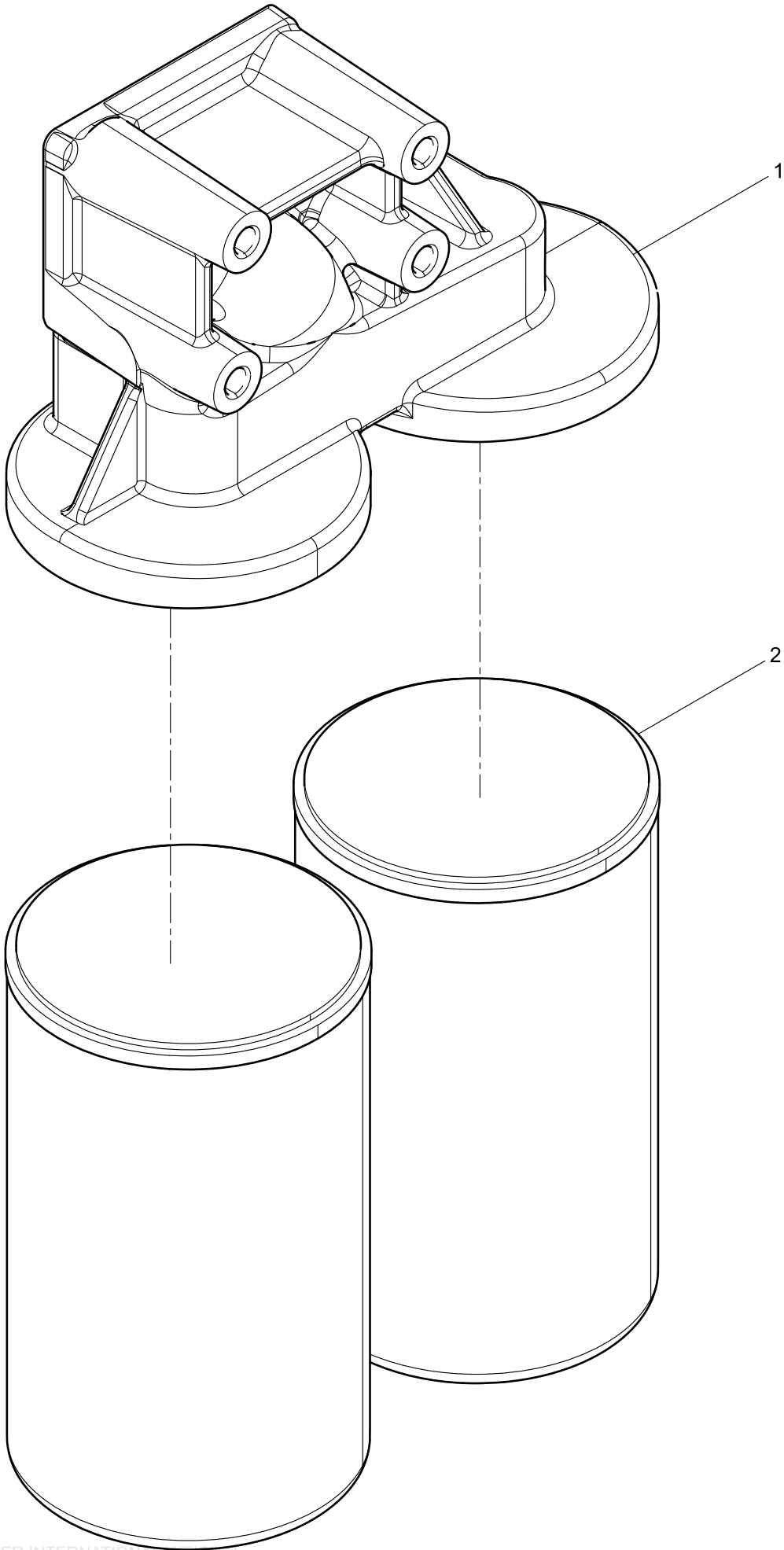
机油滤清器结合组(Oil Filter Group)



机油滤清器结合组(Oil Filter Group)

[illegible]

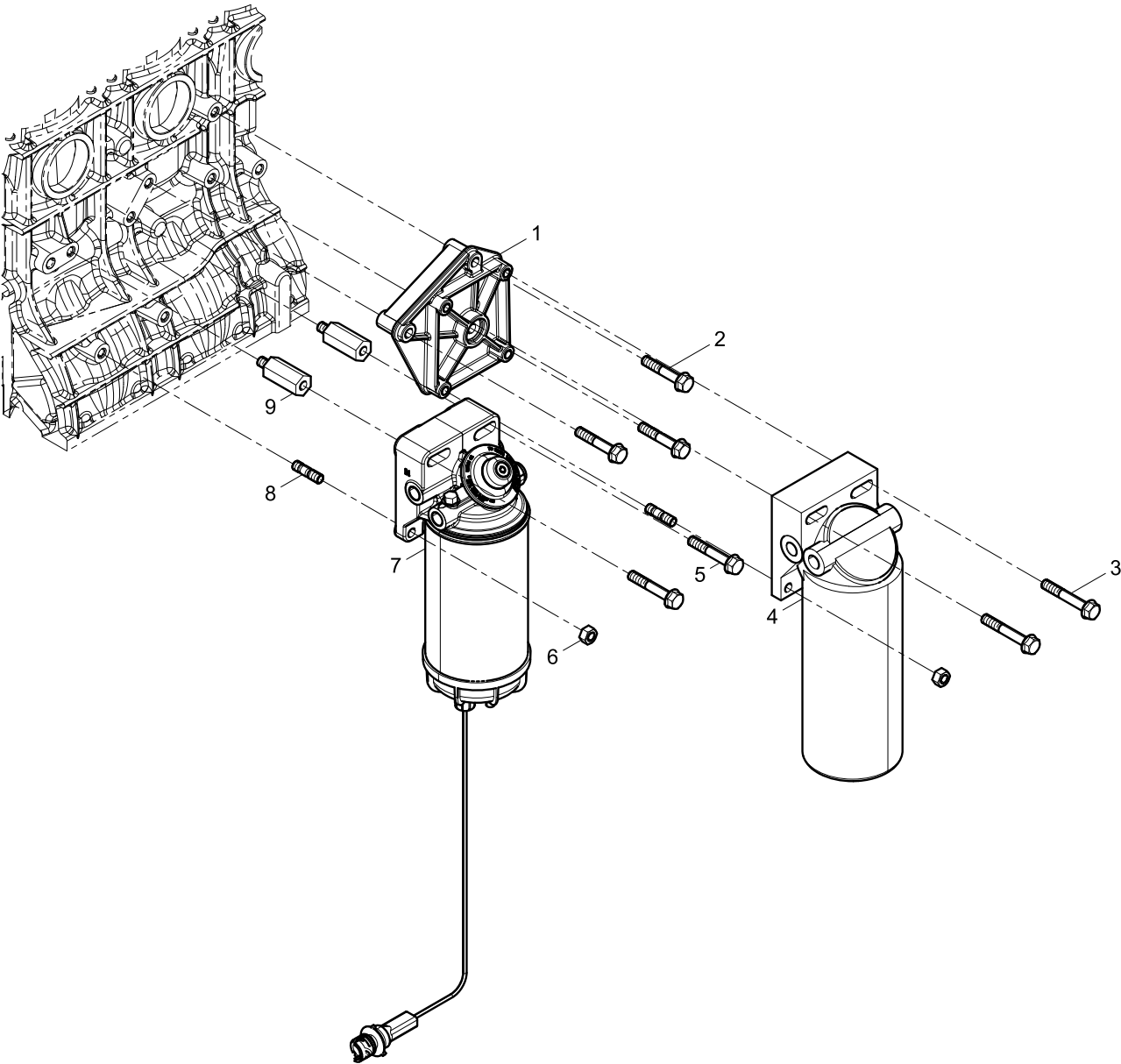
机油滤清器(Oil Filter)



机油滤清器(Oil Filter)

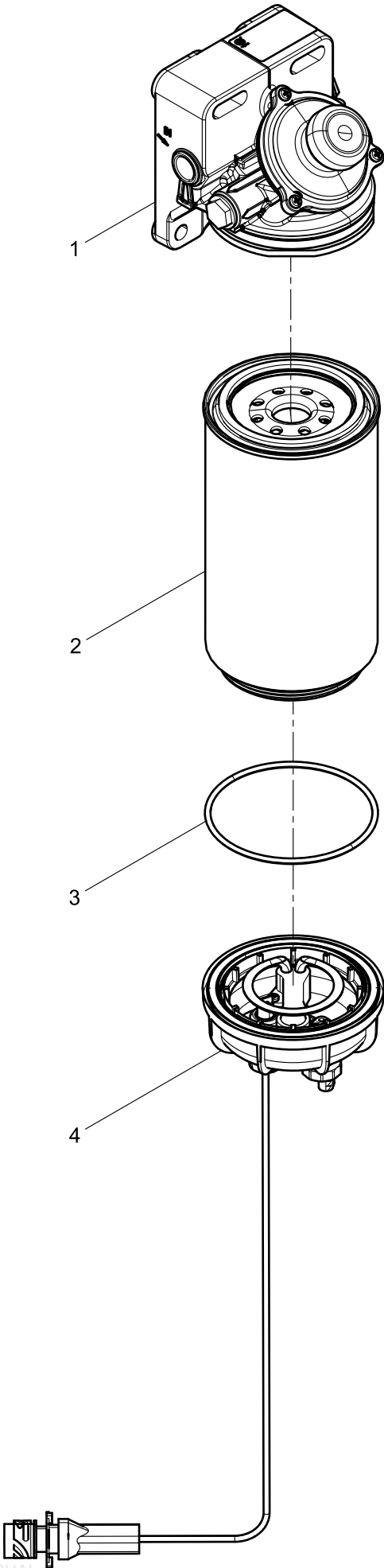
[illegible]

燃油滤清器结合组(Fuel Filter Group)



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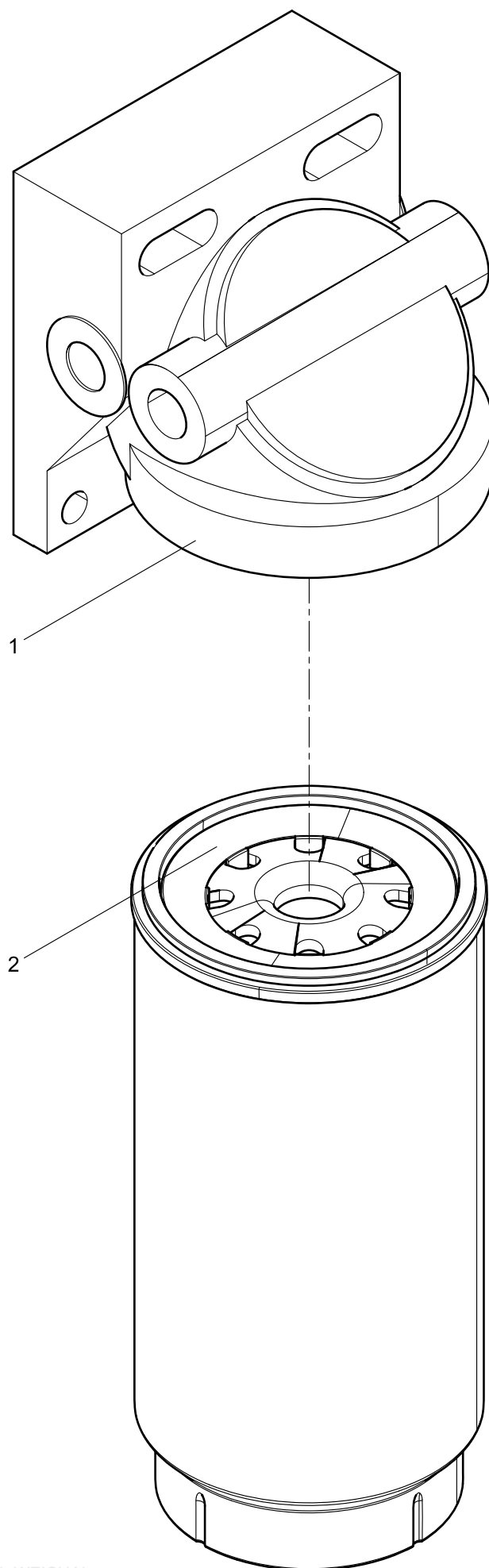
燃油粗滤器(Fuel Coarse Filter)



燃油粗滤器(Fuel Coarse Filter)

[illegible]

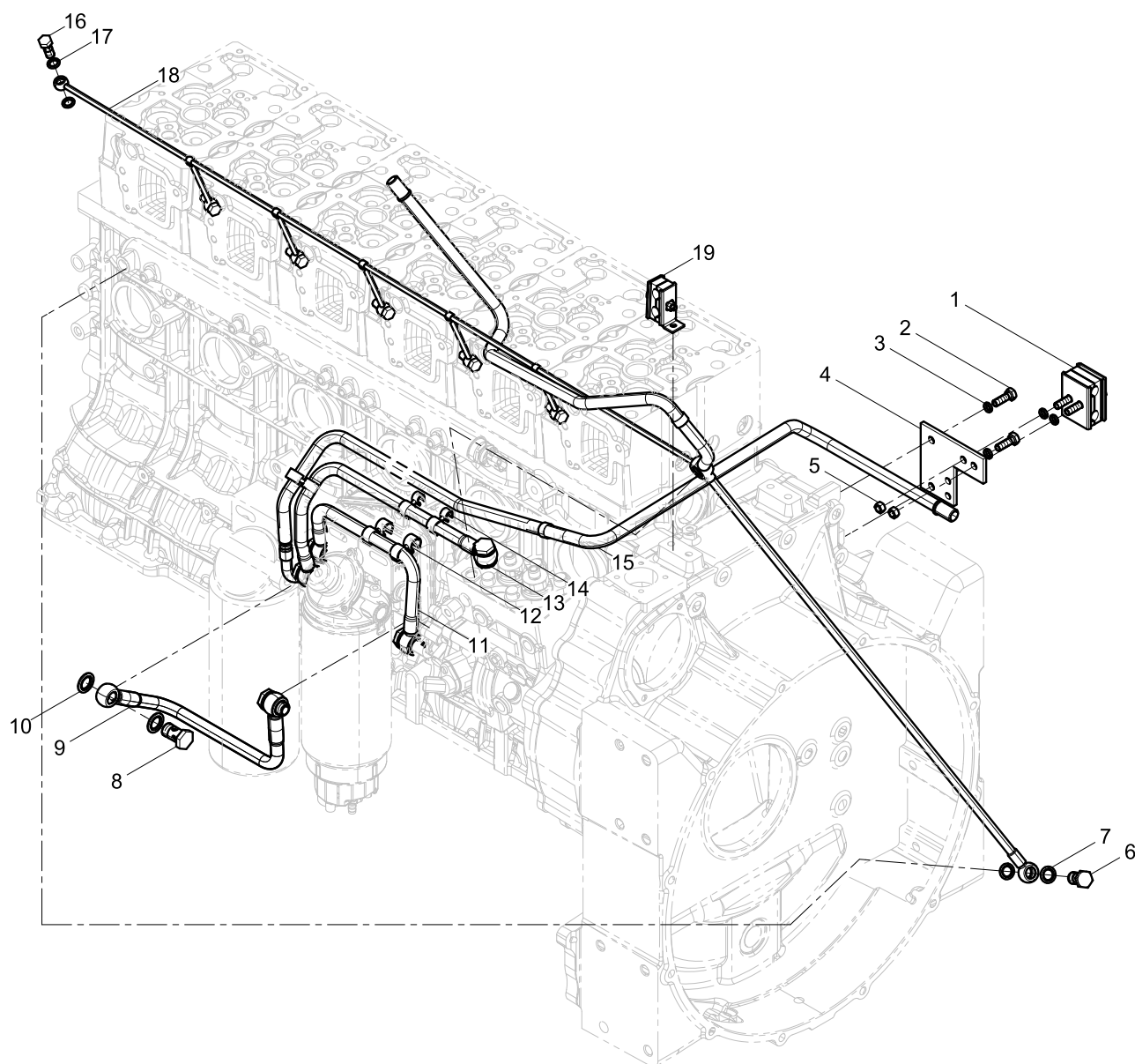
精滤器(Fine filter)



精濾器(Fine filter)

[illegible]

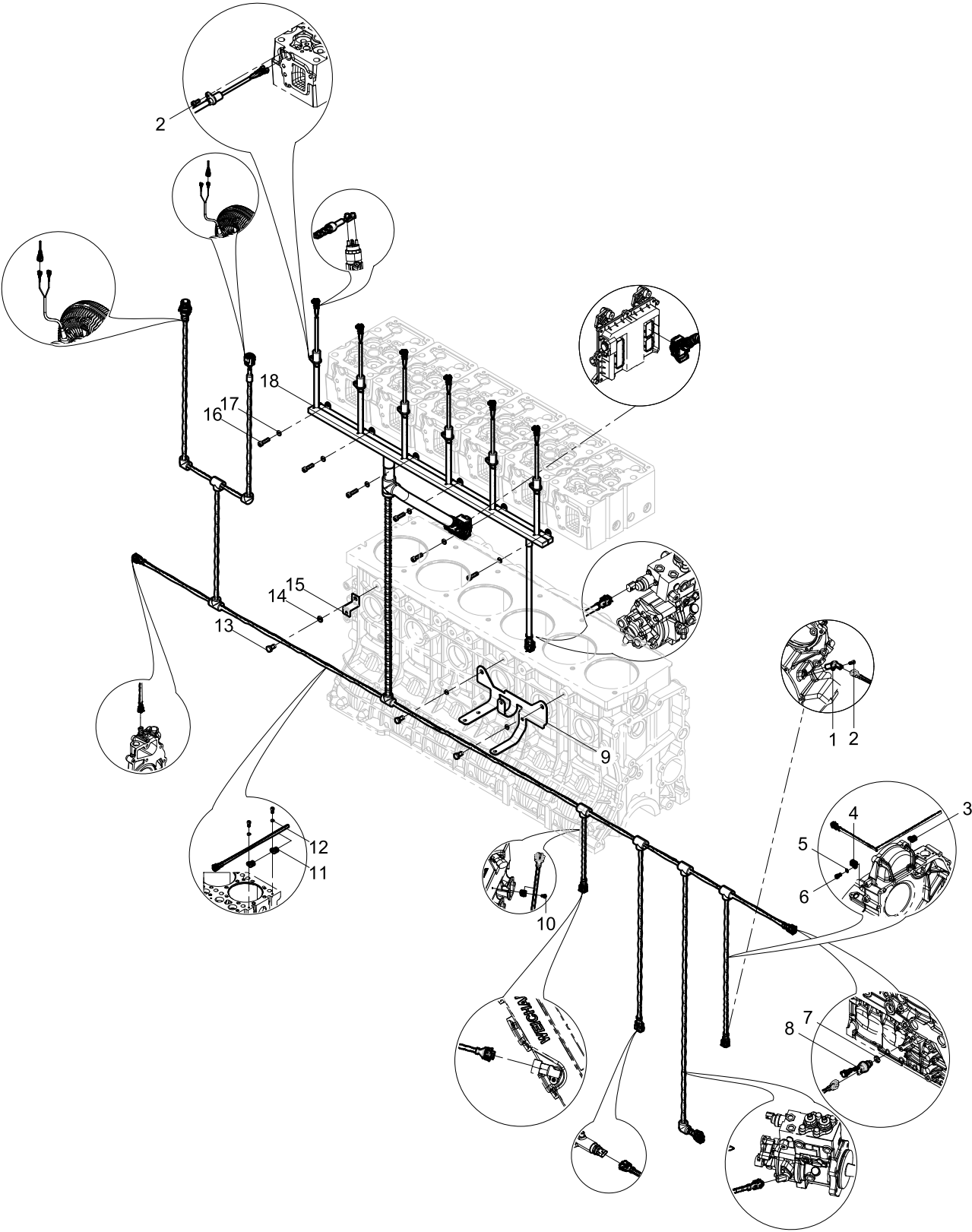
低压油管结合组(Low Pressure Fuel Pipe Group)



低压油管结合组(Low Pressure Fuel 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	Pipe Clamp
2	90011270075	2	六角头螺栓 全螺纹	Hexagon head bolt
3	90014010013	2	标准型弹簧垫圈	Single Coil Spring Lock Washer, Normal Type
4	612630110672	1	支架	Bracket
5	90012700003	2	2型六角螺母	
6	90003962621	1	空心螺栓	Hollow screw
7	612600080200	2	组合密封垫圈	Assembled Sealing Washer
8	612639000049	7	空心螺栓	Hollow screw
9	612640080070	1	燃油管总成	Fuel Pipe Assembly
10	13023361	14	组合密封垫圈	Assembled Sealing Washer
11	612630080013	1	燃油管总成	Fuel Pipe Assembly
12	612600080948	3	管夹总成	Pipe Clamp Assembly
13	612630080014	1	燃油管总成	Fuel Pipe Assembly
14	612600080949	2	管卡	Clip
15	612640080169	1	燃油进油管总成	Fuel-inlet Pipe Assembly
16	612639000047	6	空心螺栓	Hollow screw
17	612600080246	12	组合密封垫圈	Assembled Sealing Washer
18	612630080460	1	喷油器回油管组件	Injector Fuel-return Pipe Set
19	612600082181	1	管夹	Pipe Clamp

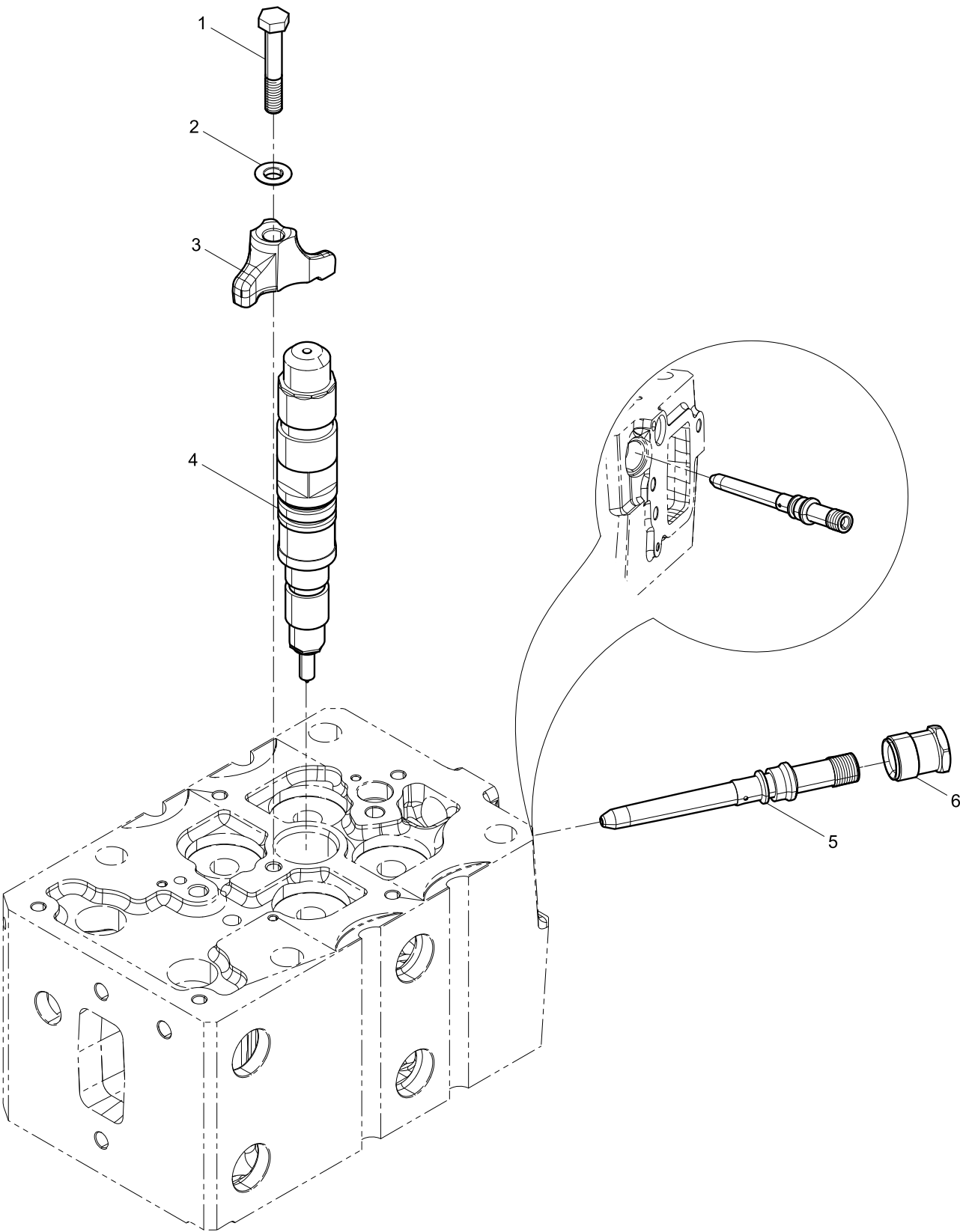
电控线束及传感器结合组(Electronic Control System Harness and Sensor Group)



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	90013050006S	9	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
3	612600081630	1	管夹总成	Pipe Clamp Assembly
4	612600081629	1	管夹总成	Pipe Clamp Assembly
5	90003931102	1	弹簧垫圈	Spring Washer
6	90003862419	1	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
7	612600080275	1	密封垫圈	Sealing Washer
8	612600090766	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 Head 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 Head Bolt
14	90003932023	3	波形弹性垫圈	Wave Spring Washer
15	612630080102	1	小支架	
16	90003862327S	6	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
17	90003930251	6	小垫圈	Small Series, Plain Washer,
18	612640080061	1	发动机线束	Engine Harness

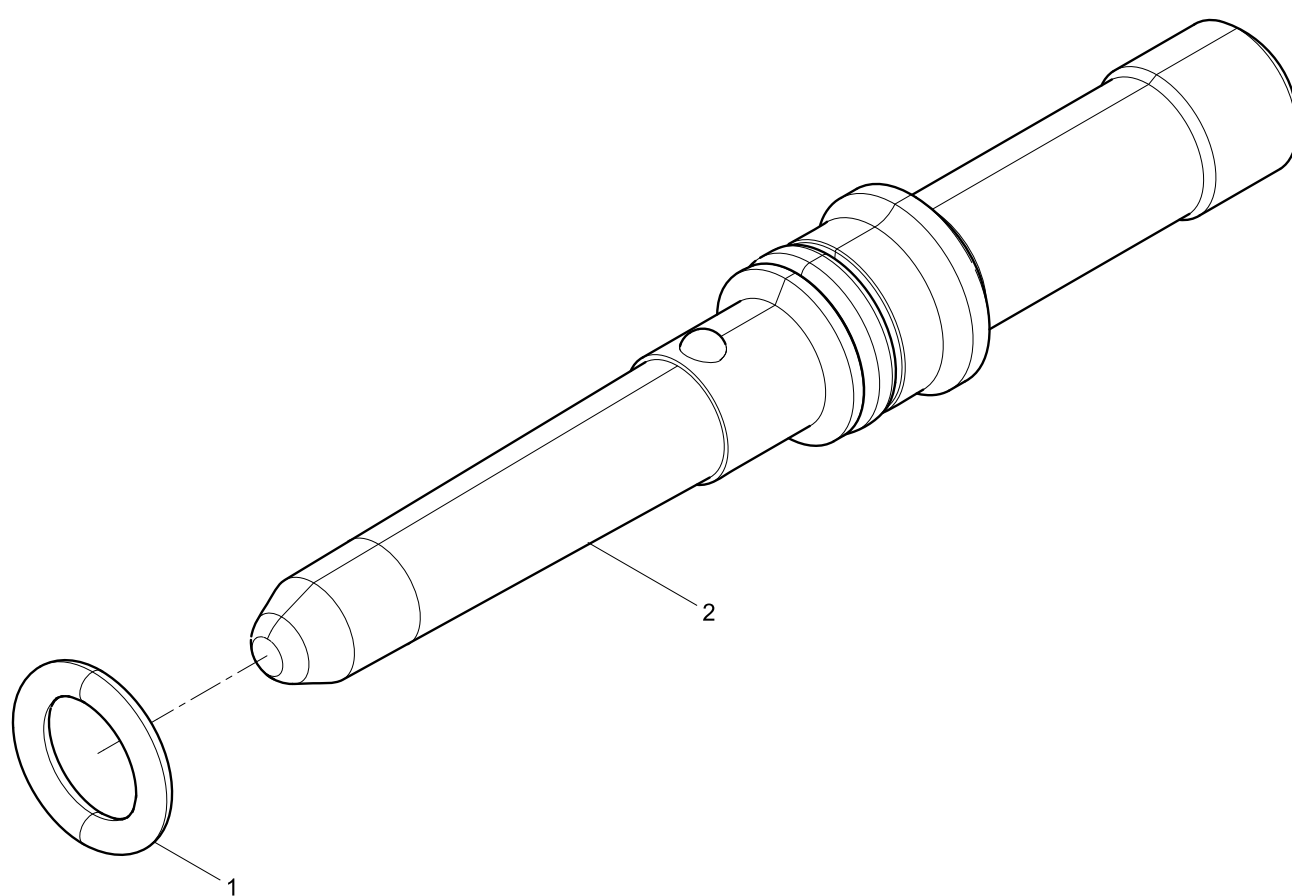
喷油器结合组(Fuel Injector Group)



喷油器结合组(Fuel Injector Group)

[illegible]

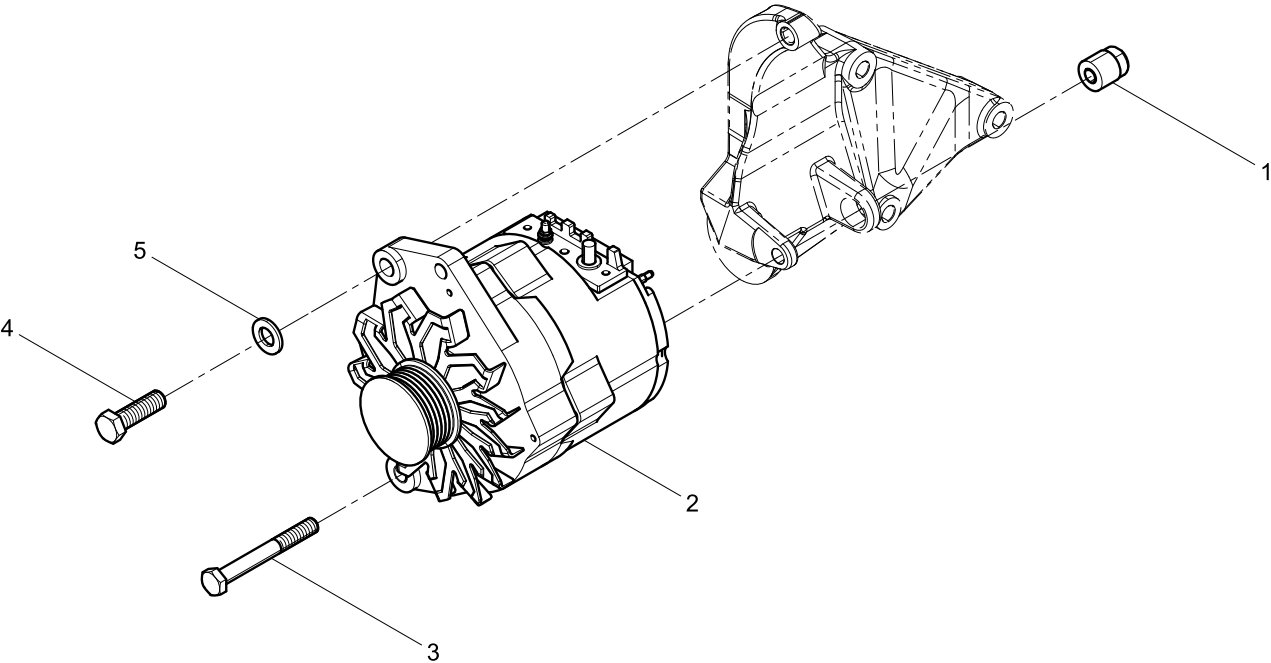
高压油管接头(Adapter of High Pressure Pipe)



高压油管接头(Adapter of High Pressure Pipe)

[illegible]

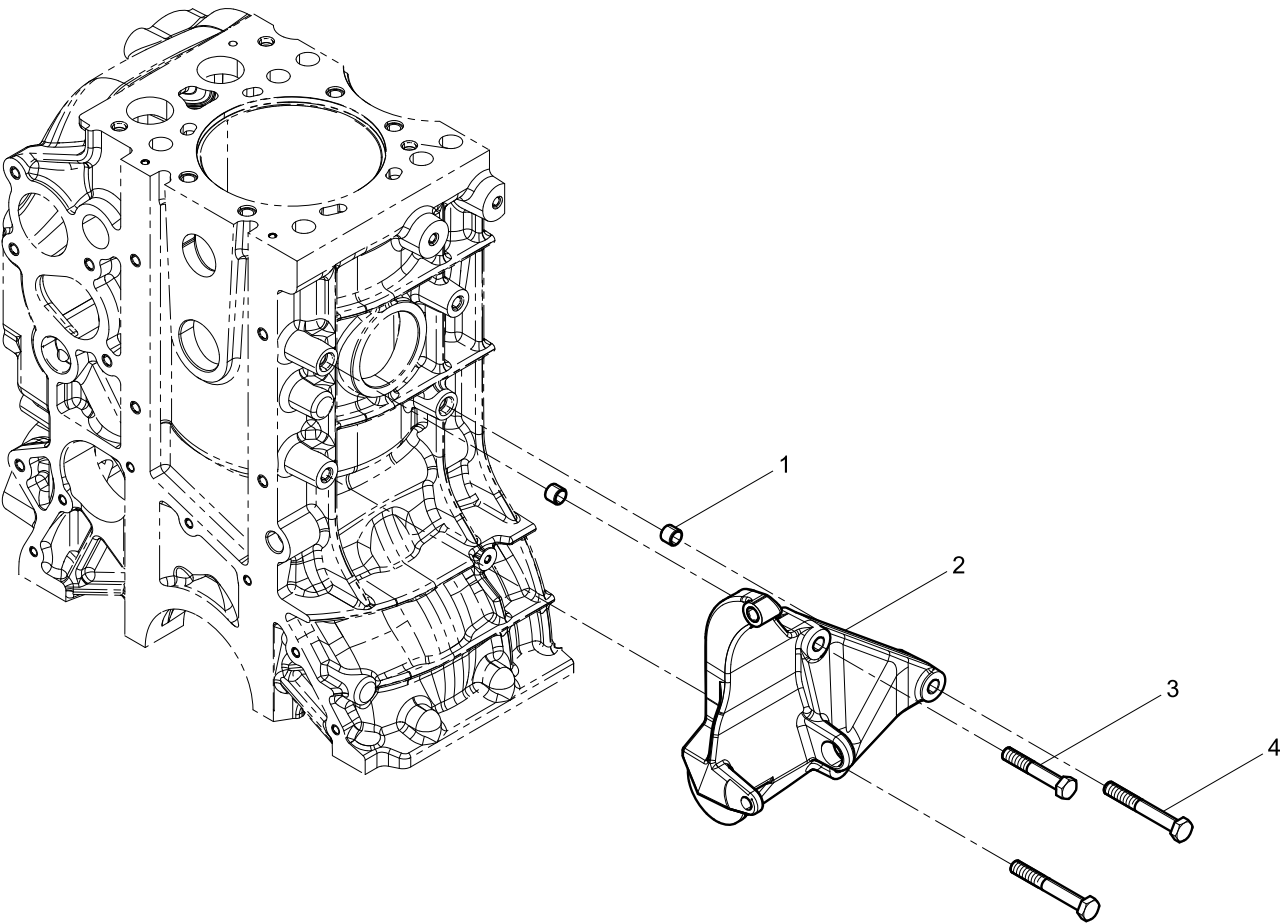
发电机结合组(Alternator Group)



发电机结合组(Alternator Group)

[illegible]

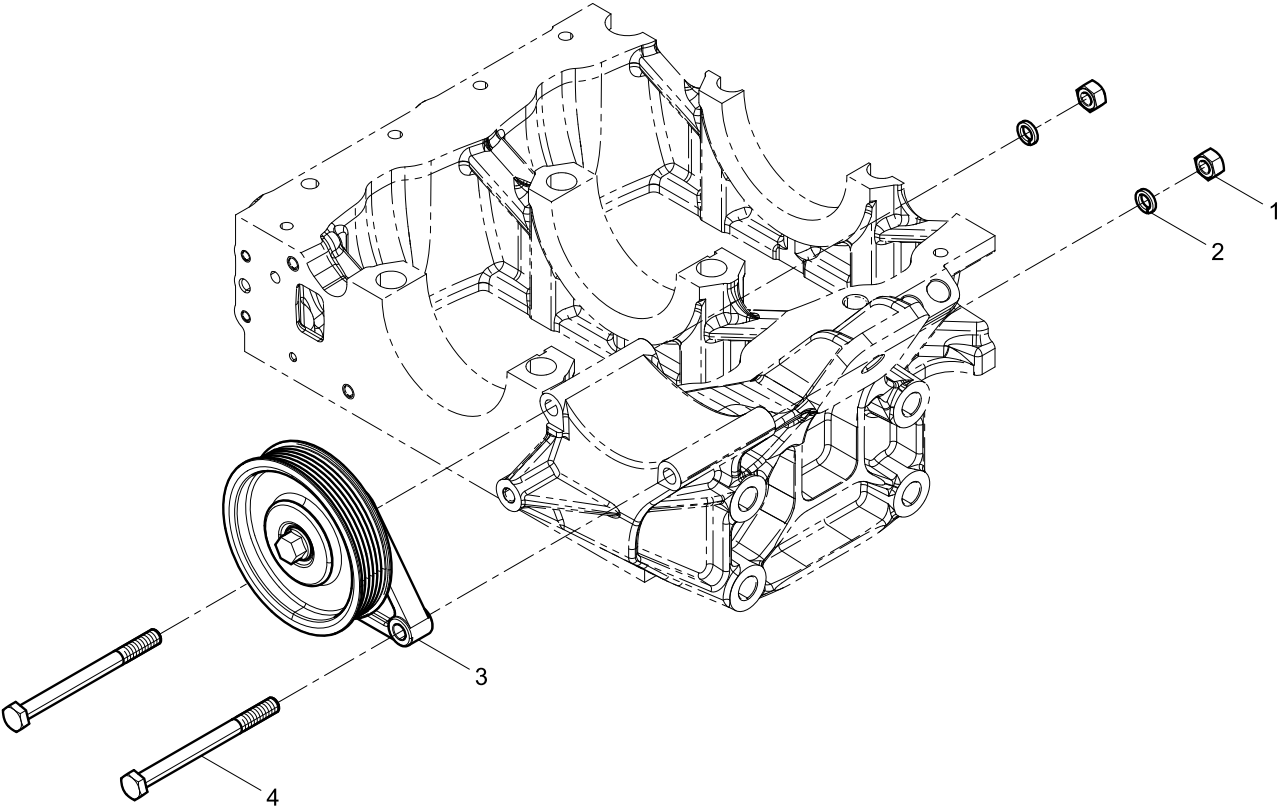
发电机支架结合组(Alternator Bracket Group)



发电机支架结合组(Alternator Bracket Group)

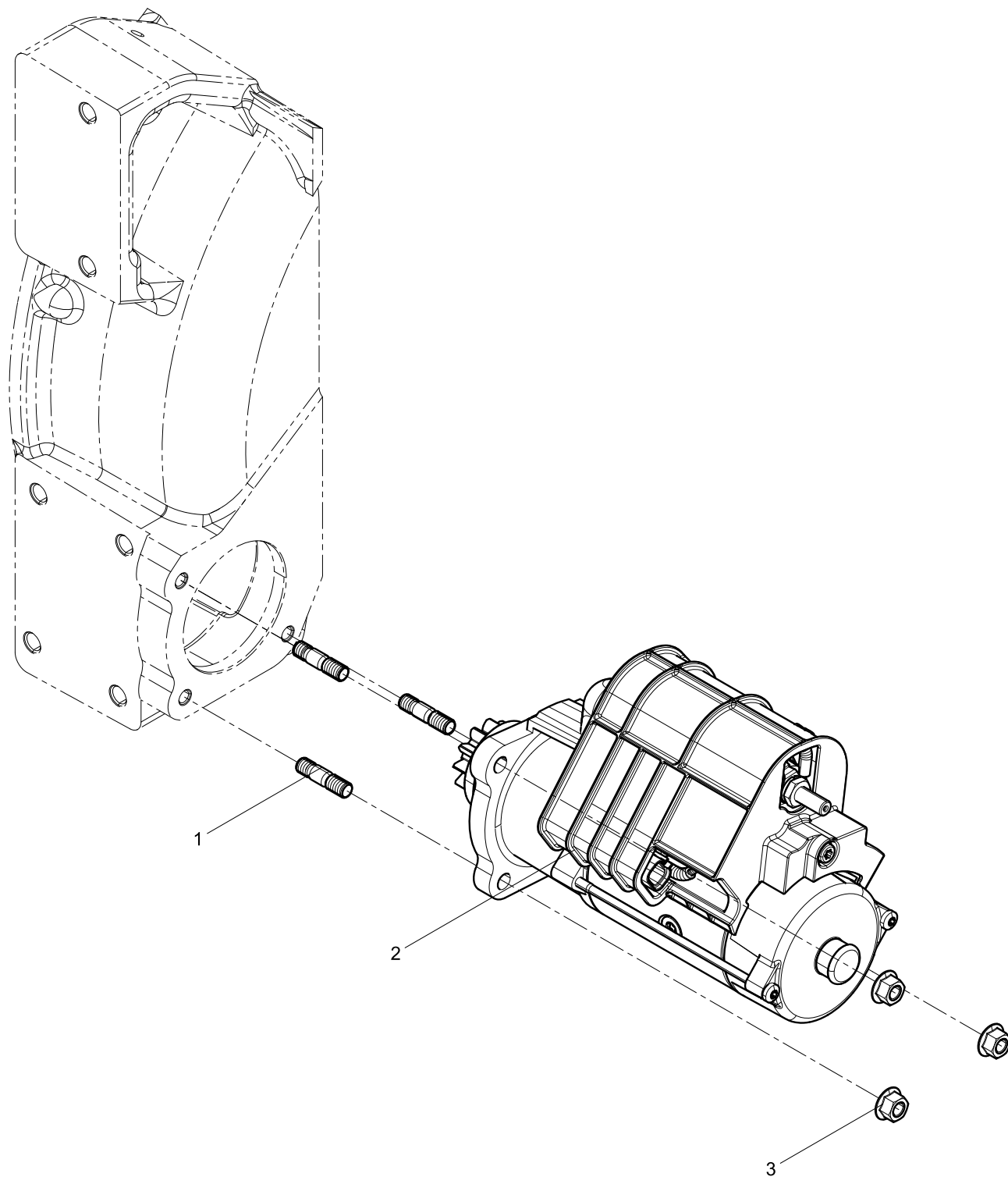
[illegible]

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



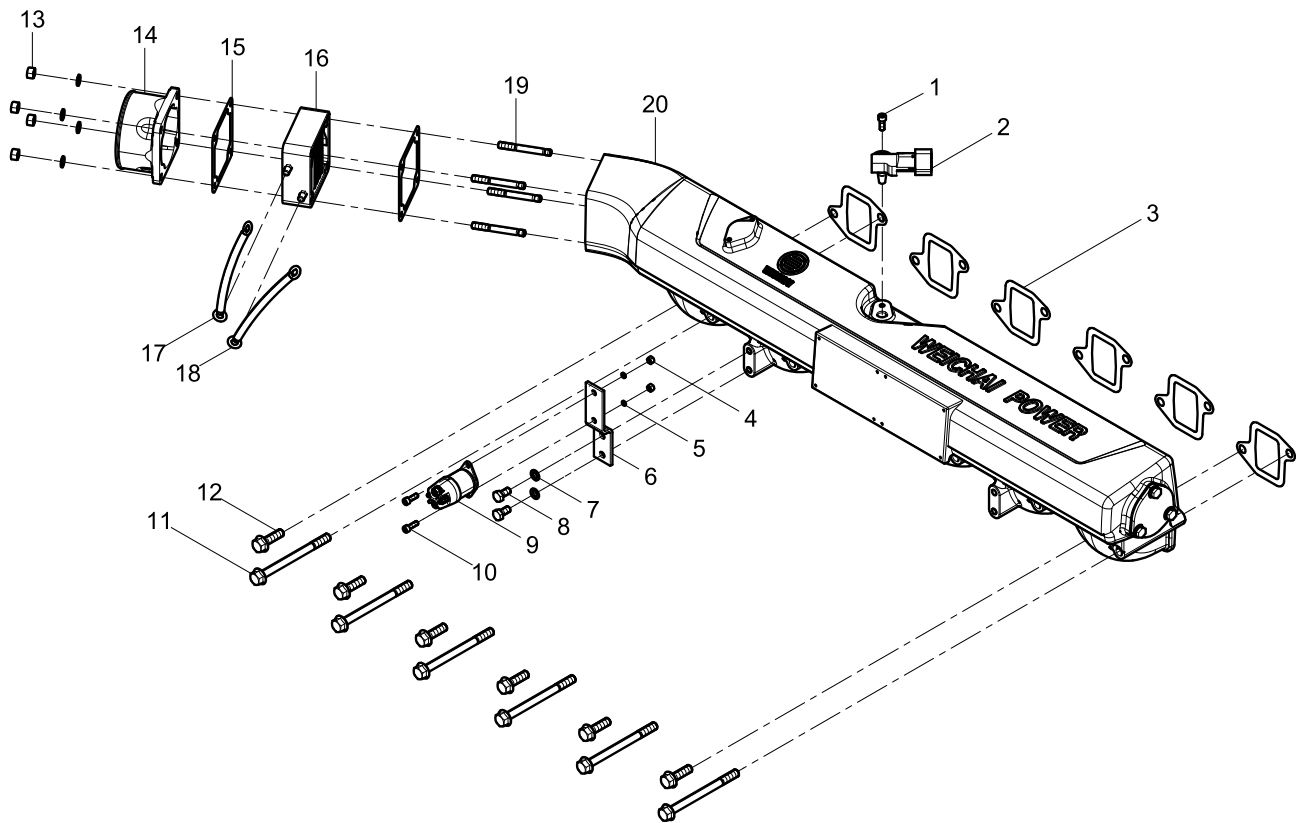
空调压缩机结合组(Air Conditioning Compressor Group)

起动机结合组(Starter Motor Group)



起动机结合组(Starter Motor Group)

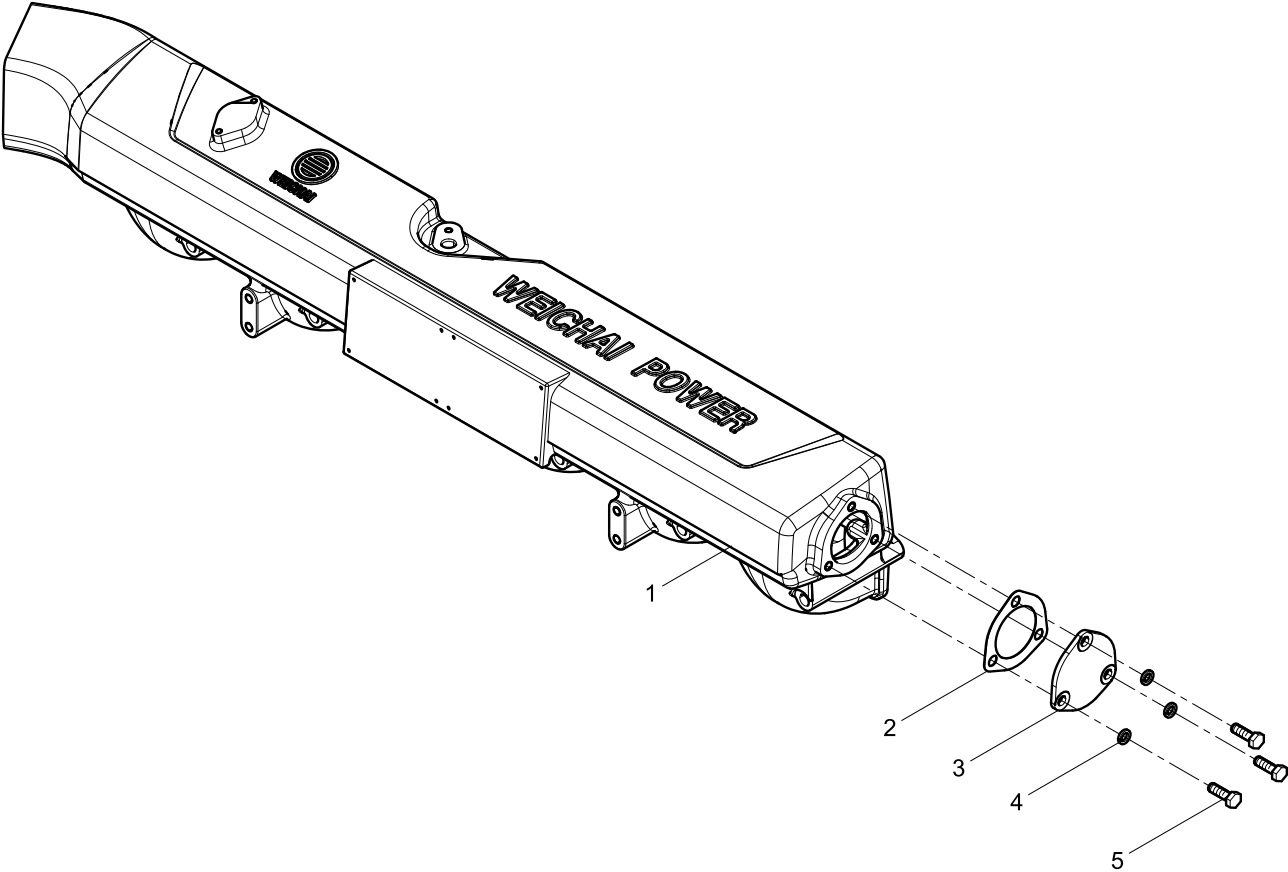
进气管结合组(Intake Manifold Group)



进气管结合组(Intake Manifold Group)

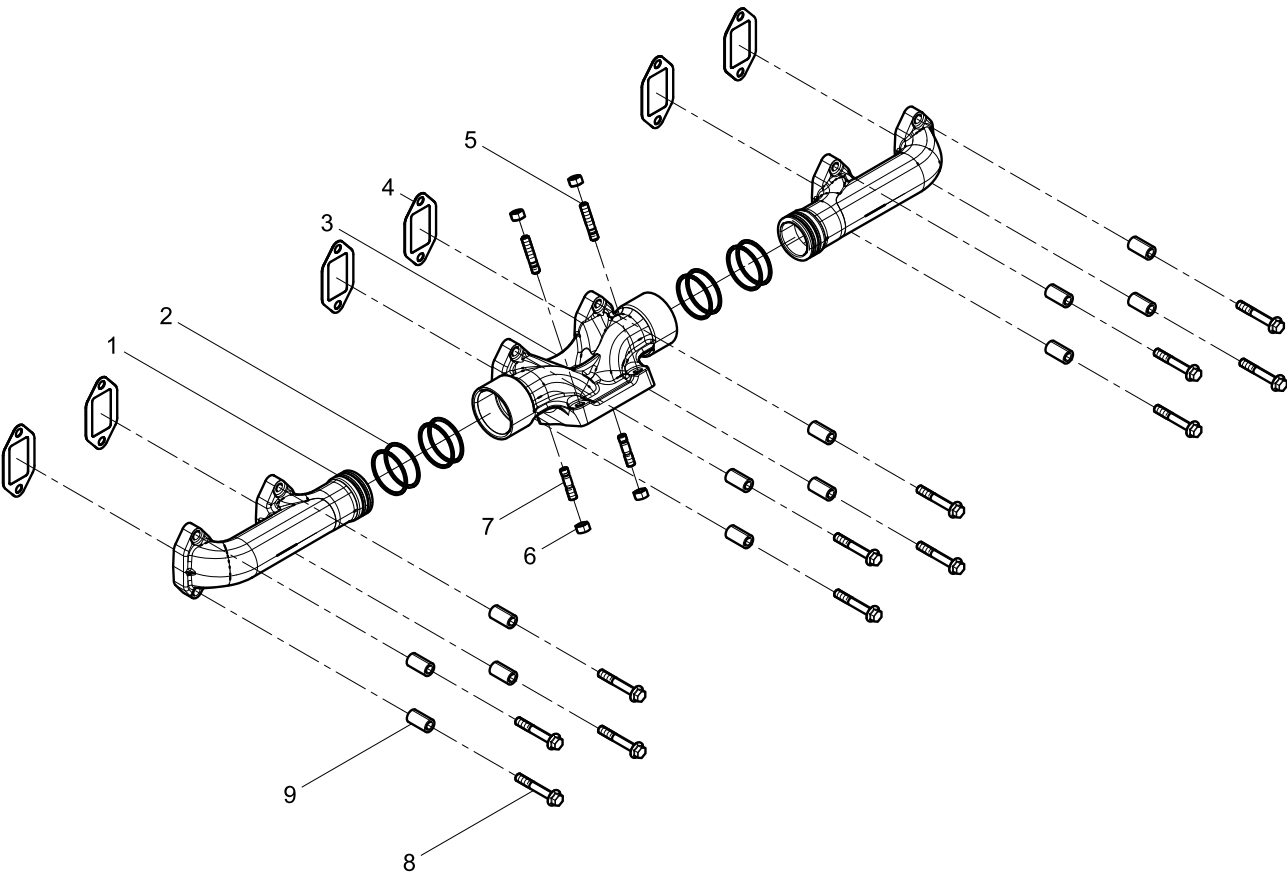
图序号 Pos.	件号 Teile.Number	数量 Amount	中文名称 Denomination	英文名称 Designation
1	612639000004	1	六角头螺栓	Hexagon Head Bolt
2	612630120004	1	压力温度传感器	Pressure and Temperature Sensor
3	612630120005	6	垫片	Gasket
4	90012210018	2	1型六角螺母	
5	90003936101	2	垫圈	Washer
6	612630120205	1	支架	Bracket
7	90003932023	6	波形弹性垫圈	Wave Spring Washer
8	90003802411	2	六角头螺栓	Hexagon Head Bolt
9	612630080076	1	进气加热继电器	Intake Air Heater Function
10	90013050033	2	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
11	612639000003	6	六角头螺栓	Hexagon Head Bolt
12	612639000002	6	六角头螺栓	Hexagon Head Bolt
13	90003888451	4	2型全金属六角锁紧螺母	
14	612600111755	1	进气接管	Intake Connecting 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	Earth wire
18	612600090661	1	预热系统线束	Preheating Harness
19	90003813470	4	双头螺柱	Double End Stud
20	612630120220	1	进气管总成	Intake Manifold Assembly

进气管总成(Intake Manifold Assembly)



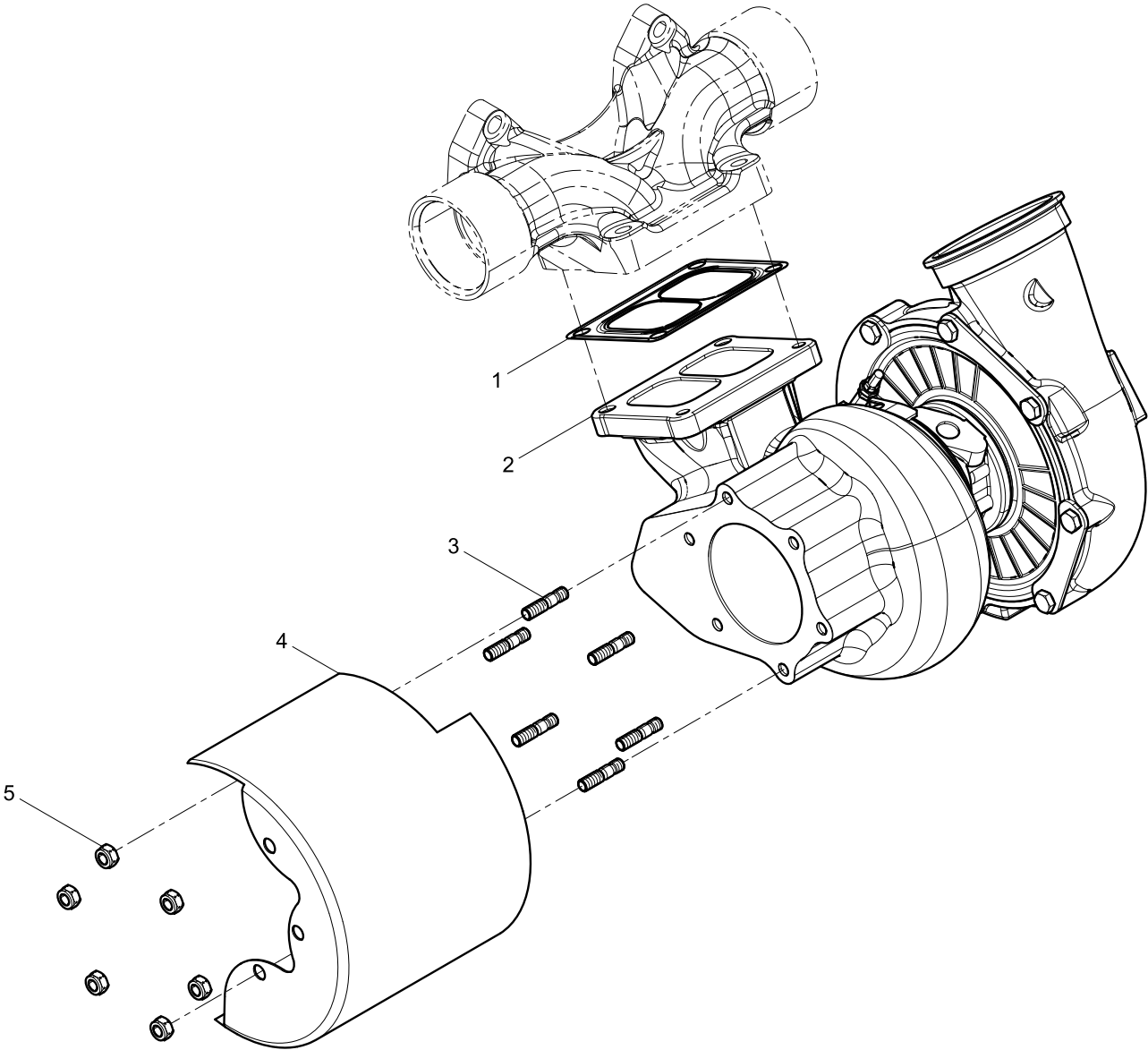
进气管总成(Intake Manifold Assembly)

排气管结合组(Exhaust Manifold Group)



排气管结合组(Exhaust Manifold Group)

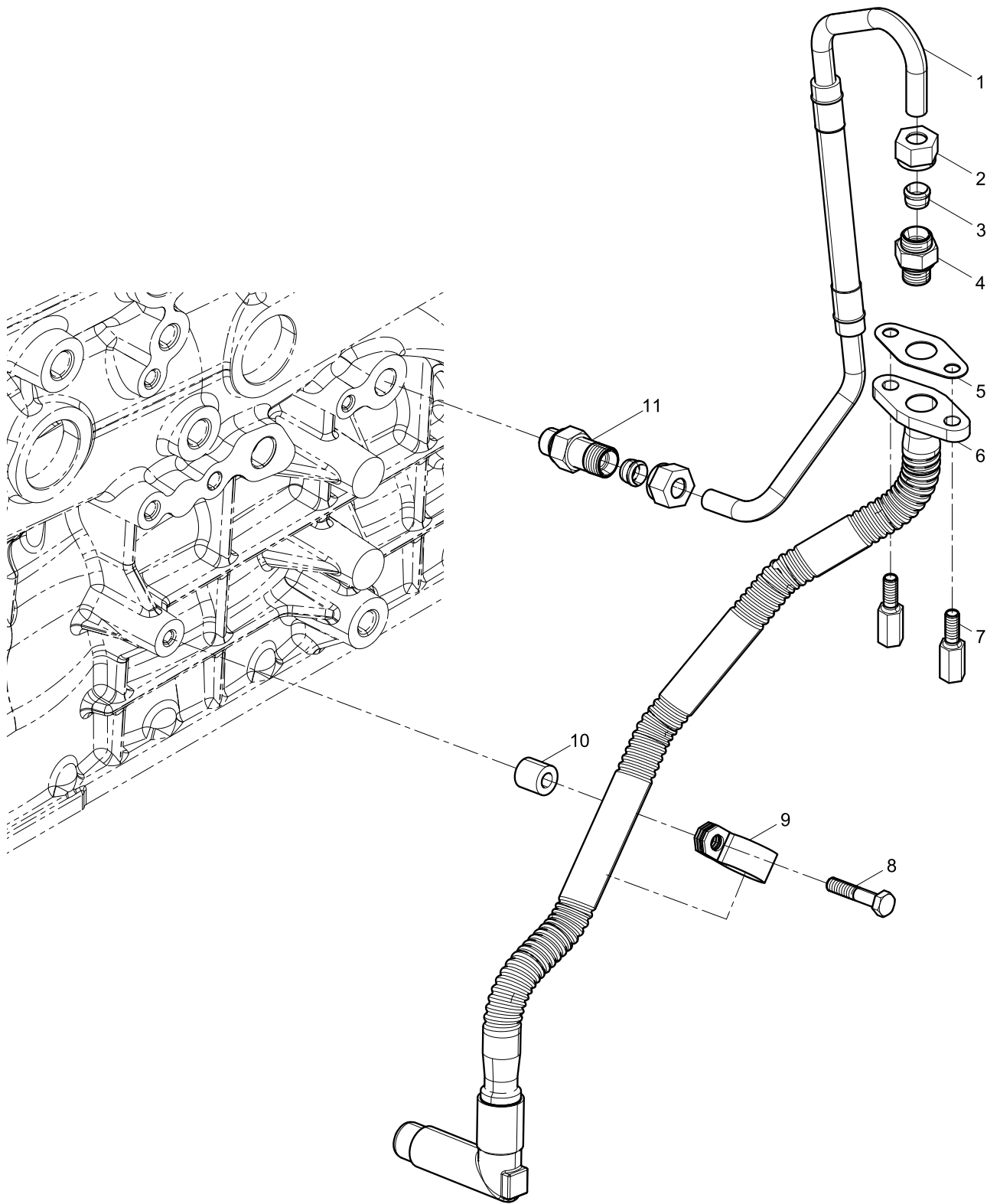
增压器结合组(Turbocharger Group)



增压器结合组(Turbocharger Group)

[illegible]

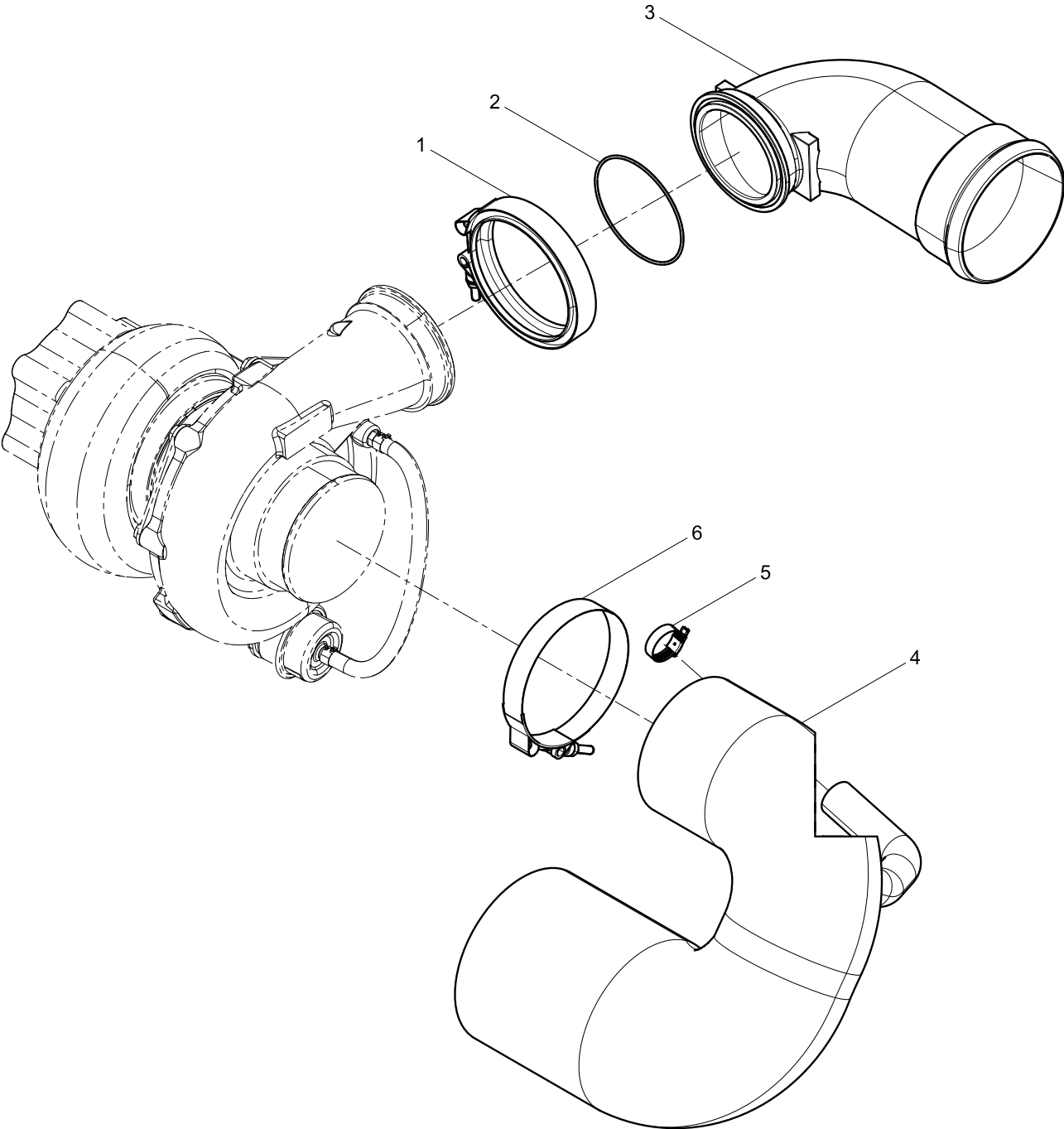
增压器润滑油管结合组(Turbocharger Oil Pipe Group)



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

[illegible]

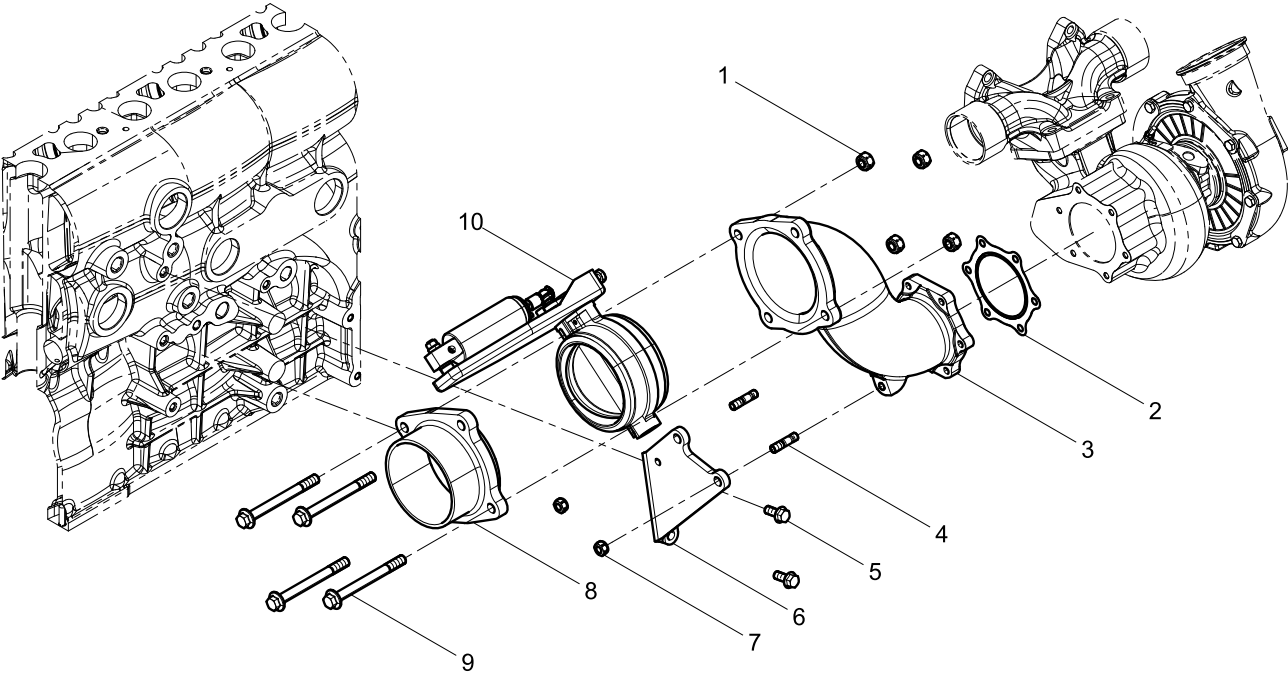
压气机管路结合组(Compressor Pipe Group)



压气机管路结合组(Compressor Pipe Group)

[illegible]

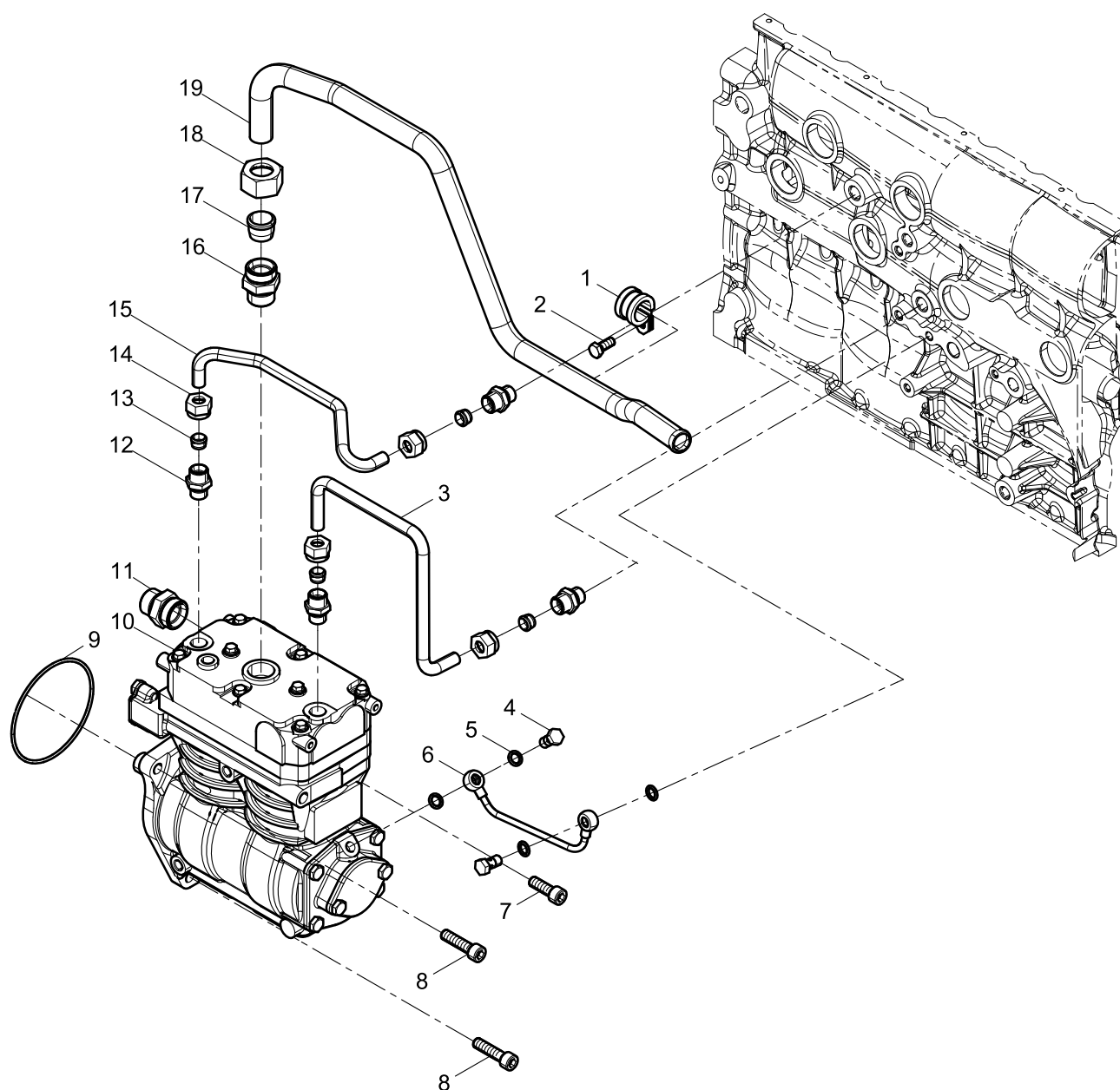
后排气管结合组(Rear Exhaust Manifold Group)



后排气管结合组(Rear Exhaust Manifold Group)

[illegible]

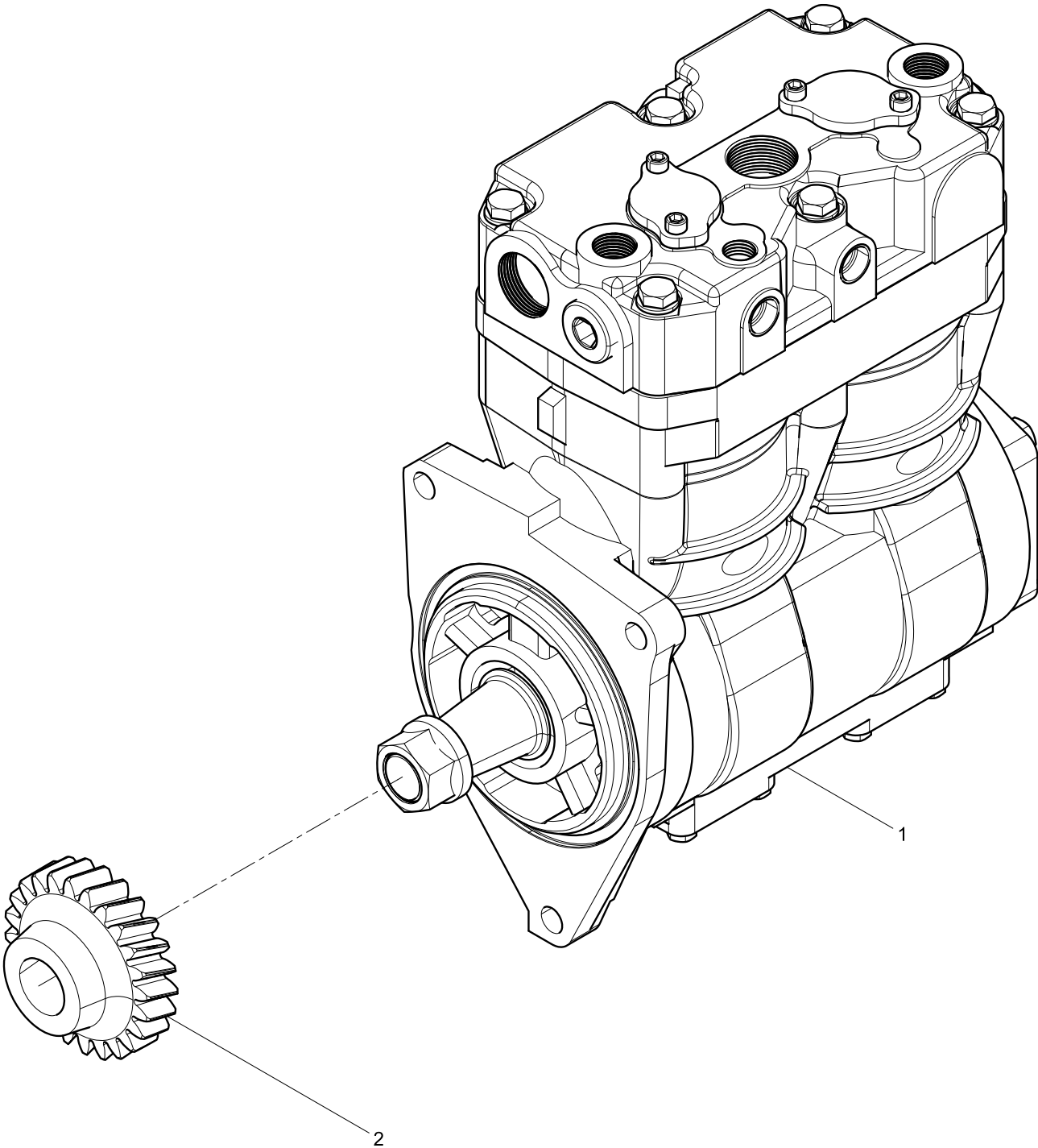
空压机结合组(Air Compressor Group)



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 Head Bolt
3	612630030036	1	空压机水管	Air Compressor Water Pipe
4	612630030055	2	空心螺栓	Hollow screw
5	612600080246	4	组合密封垫圈	Assembled Sealing Washer
6	612630030037	1	空压机润滑油管	Air Compressor Oil Pipe
7	90003862532S	1	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
8	90013550004S	2	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
9	612639000039	1	O型密封圈	
10	612630030405	1	空压机总成	Air Compressor Assembly
11	612600130275	1	气管接头	Air Pipe Connector
12	612639000057	4	双管接头	Joint
13	90003559563	4	卡套	Ferrule
14	612639000022	4	联接螺母	Coupling nut
15	612630030034	1	空压机水管	Air Compressor Water Pipe
16	612639000060	1	双管接头	Joint
17	612639000082	1	卡套	Ferrule
18	612639000041	1	管接螺母	Connector Nut
19	612630030033	1	空压机进气管	Air compressor Air-inlet Pipe

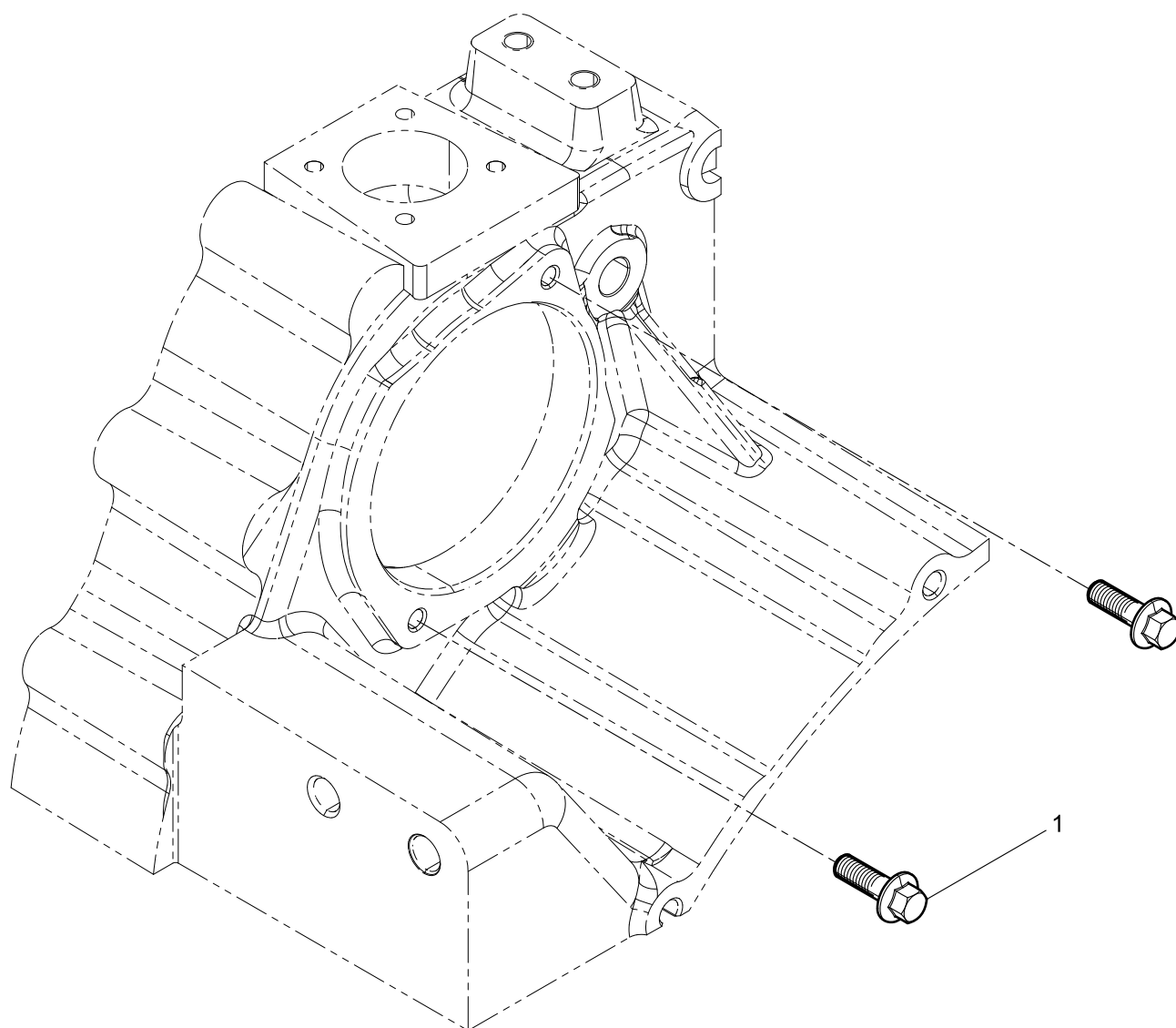
空压机总成(Air Compressor Assembly)



空压机总成(Air Compressor Assembly)

[illegible]

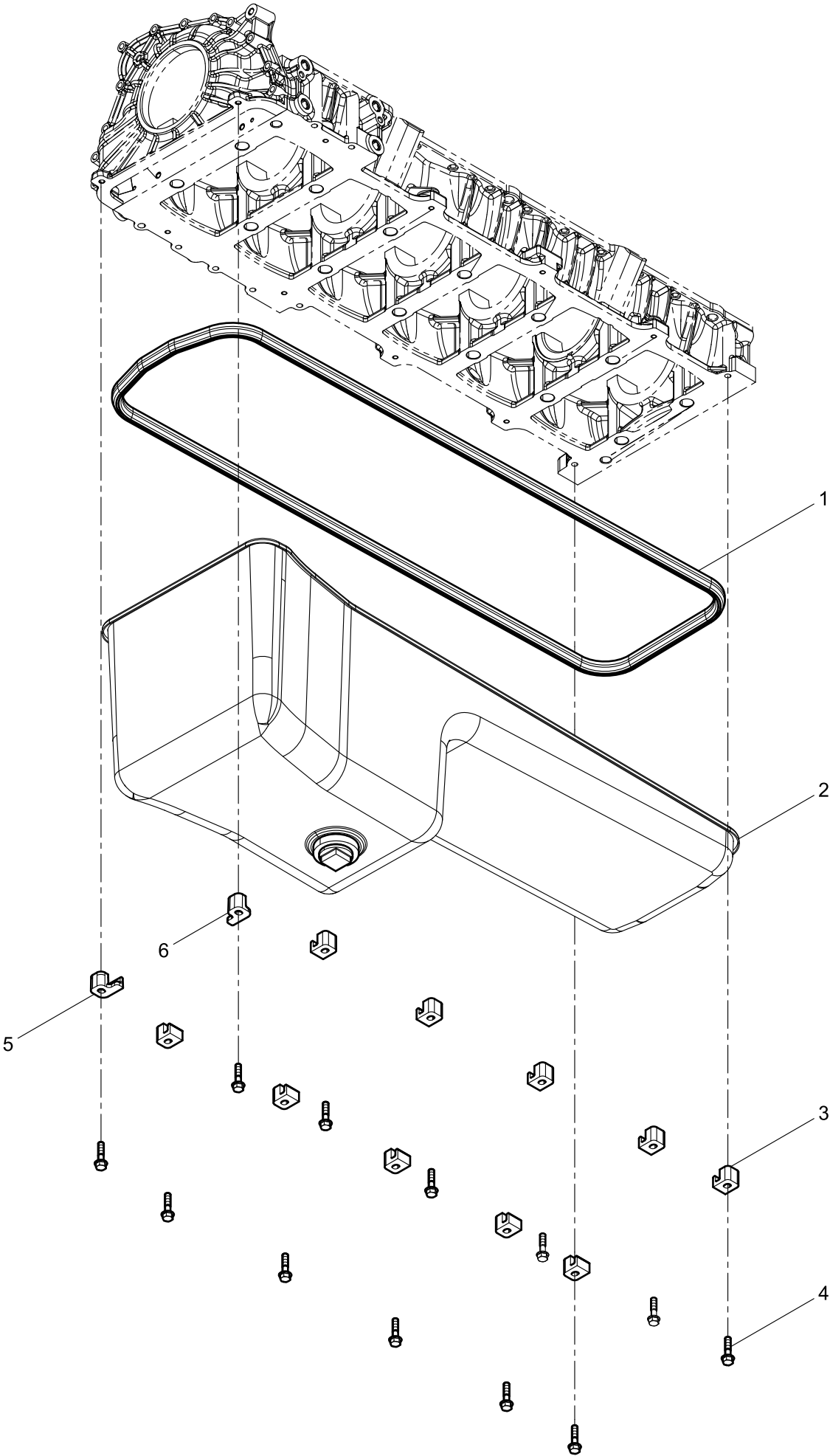
液压泵结合组(Hydraulic Pump Group)



液压泵结合组(Hydraulic Pump Group)

[illegible]

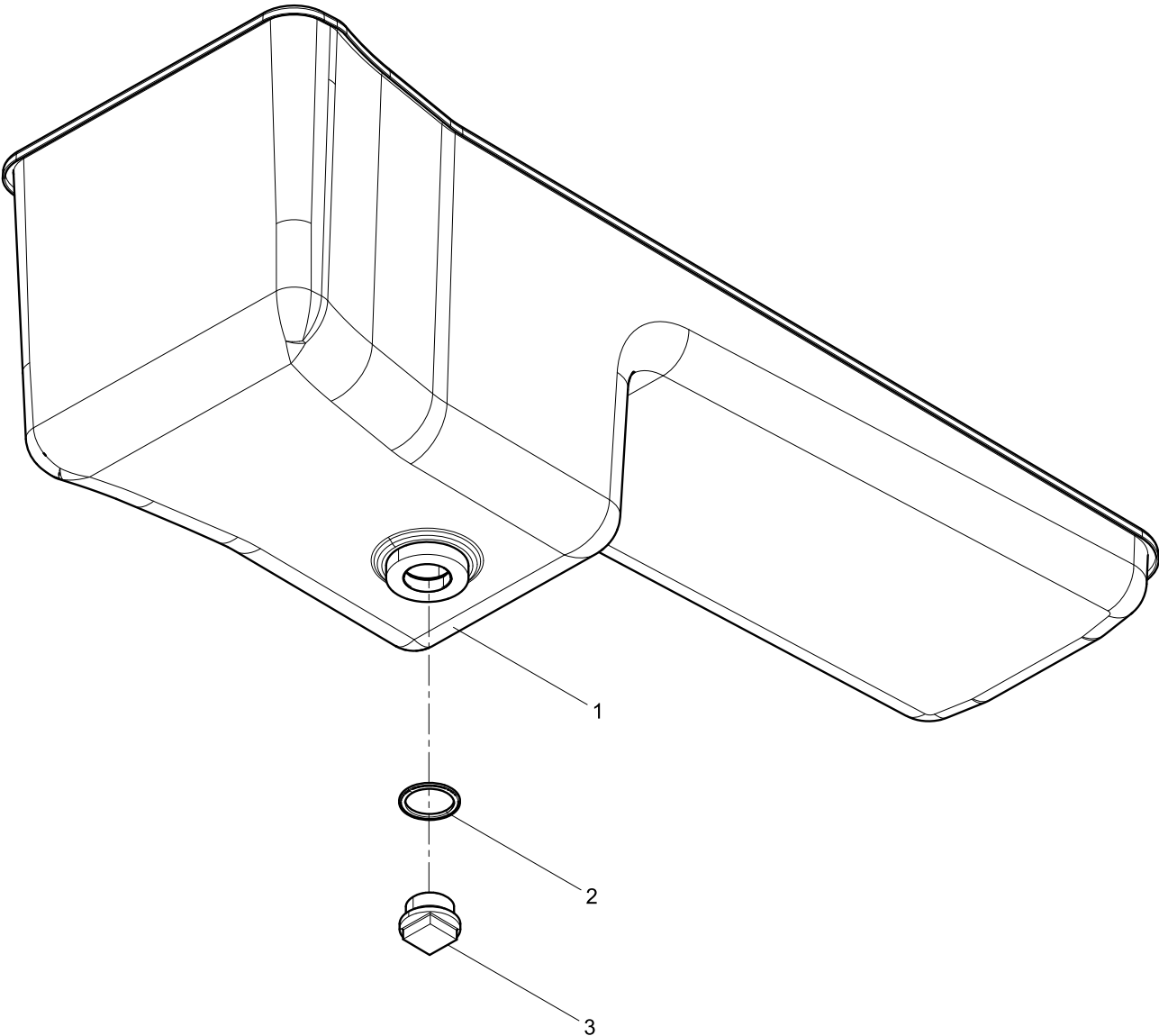
油底壳结合组(Oil Pan Group)



油底壳结合组(Oil Pan Group)

[illegible]

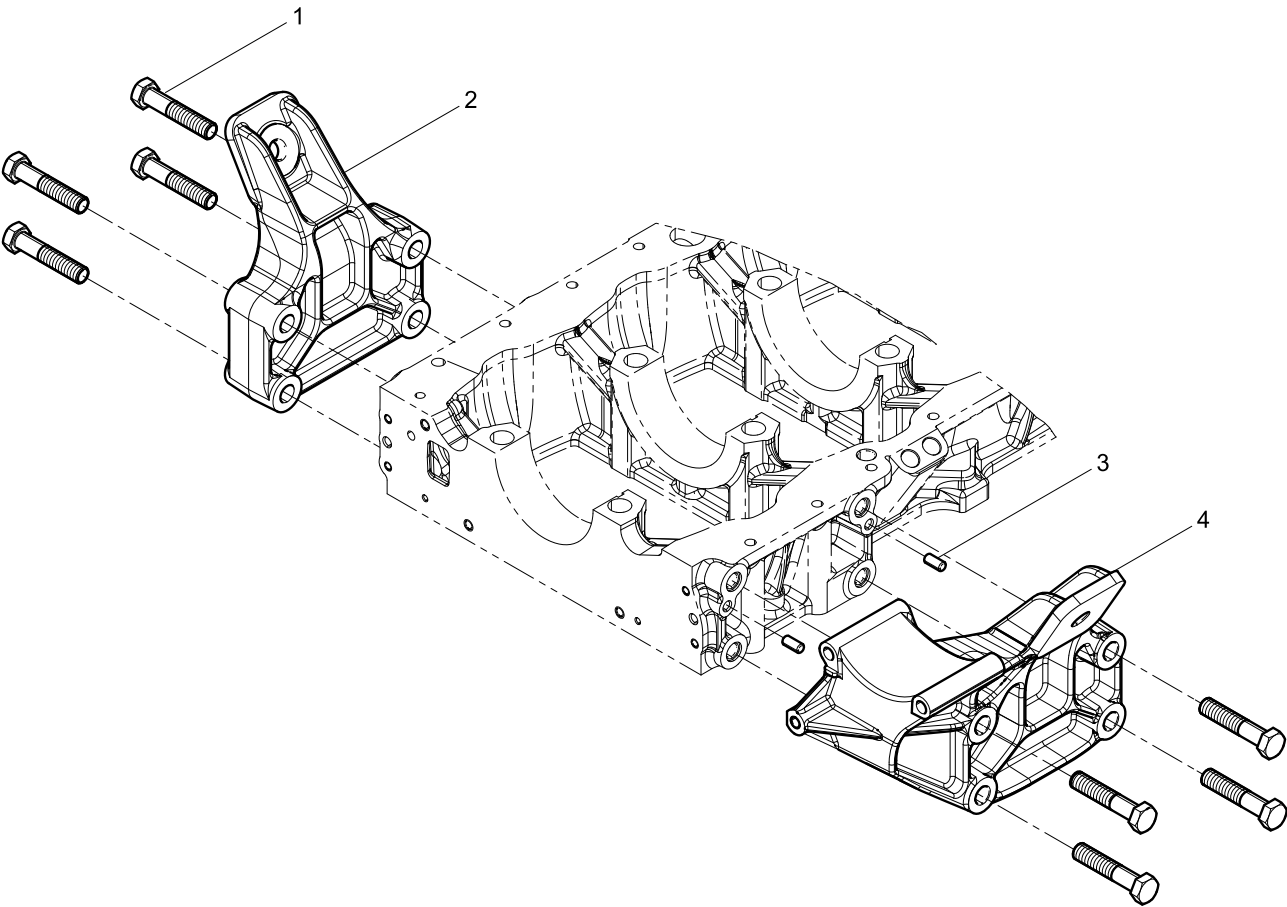
油底壳总成(Oil Pan Assembly)



油底壳总成(Oil Pan Assembly)

[illegible]

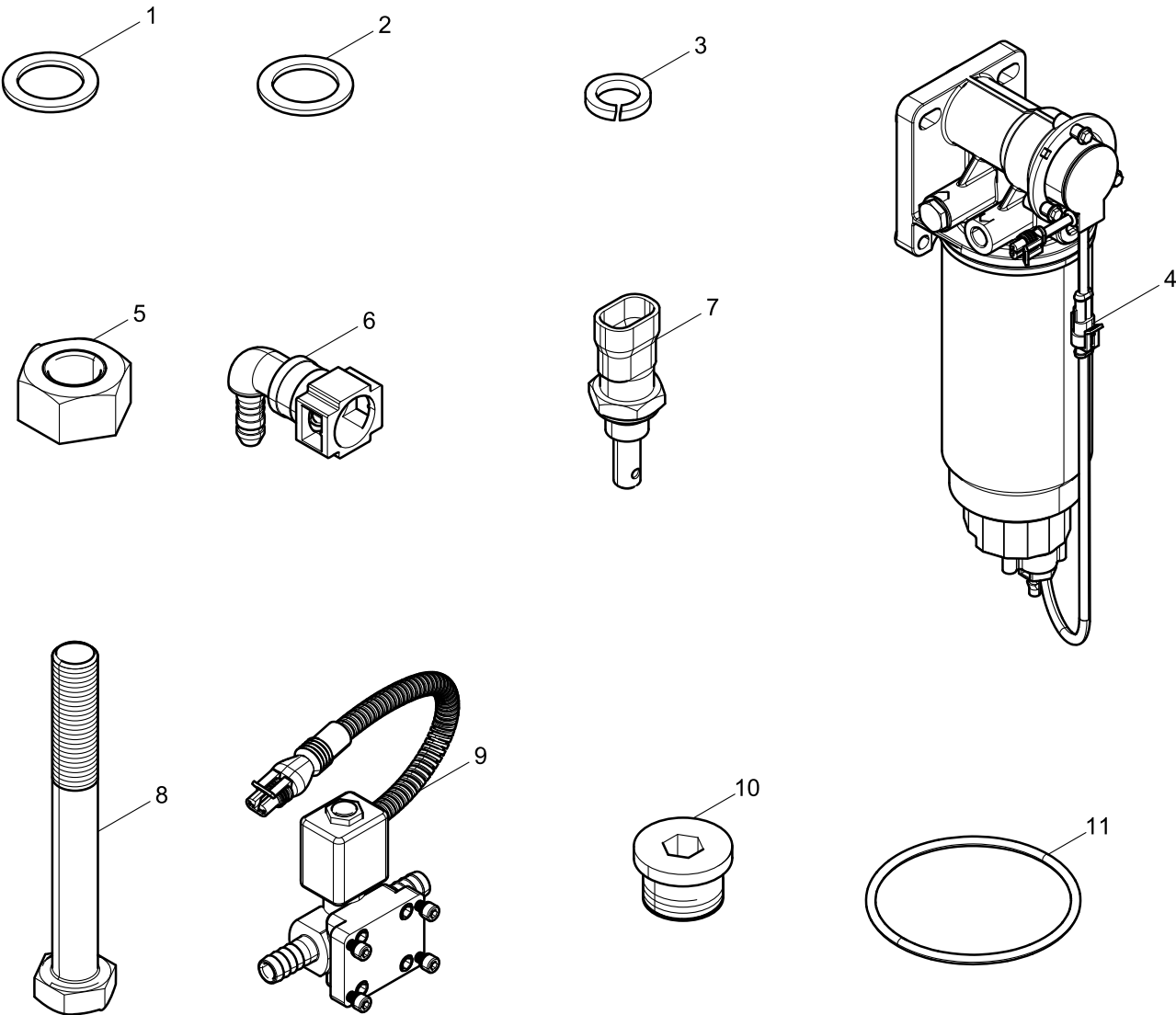
发动机支架结合组(Engine Bracket Group)



发动机支架结合组(Engine Bracket Group)

[illegible]

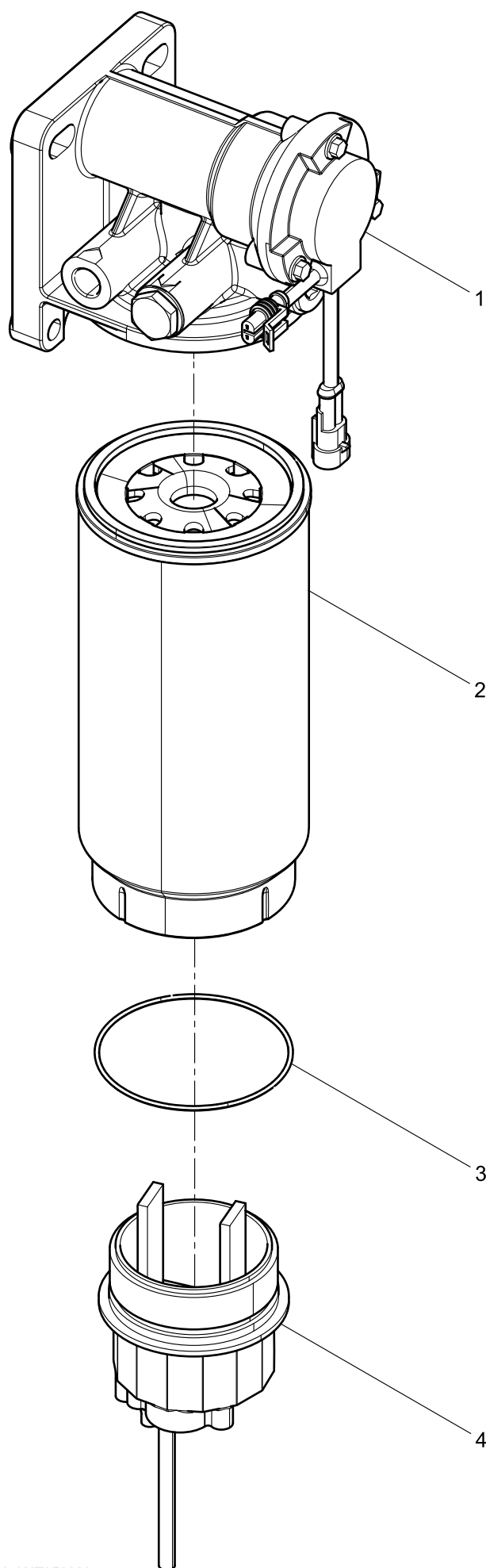
零件箱总成(Parts Box Assembly)



零件箱总成(Parts Box Assembly)

[illegible]

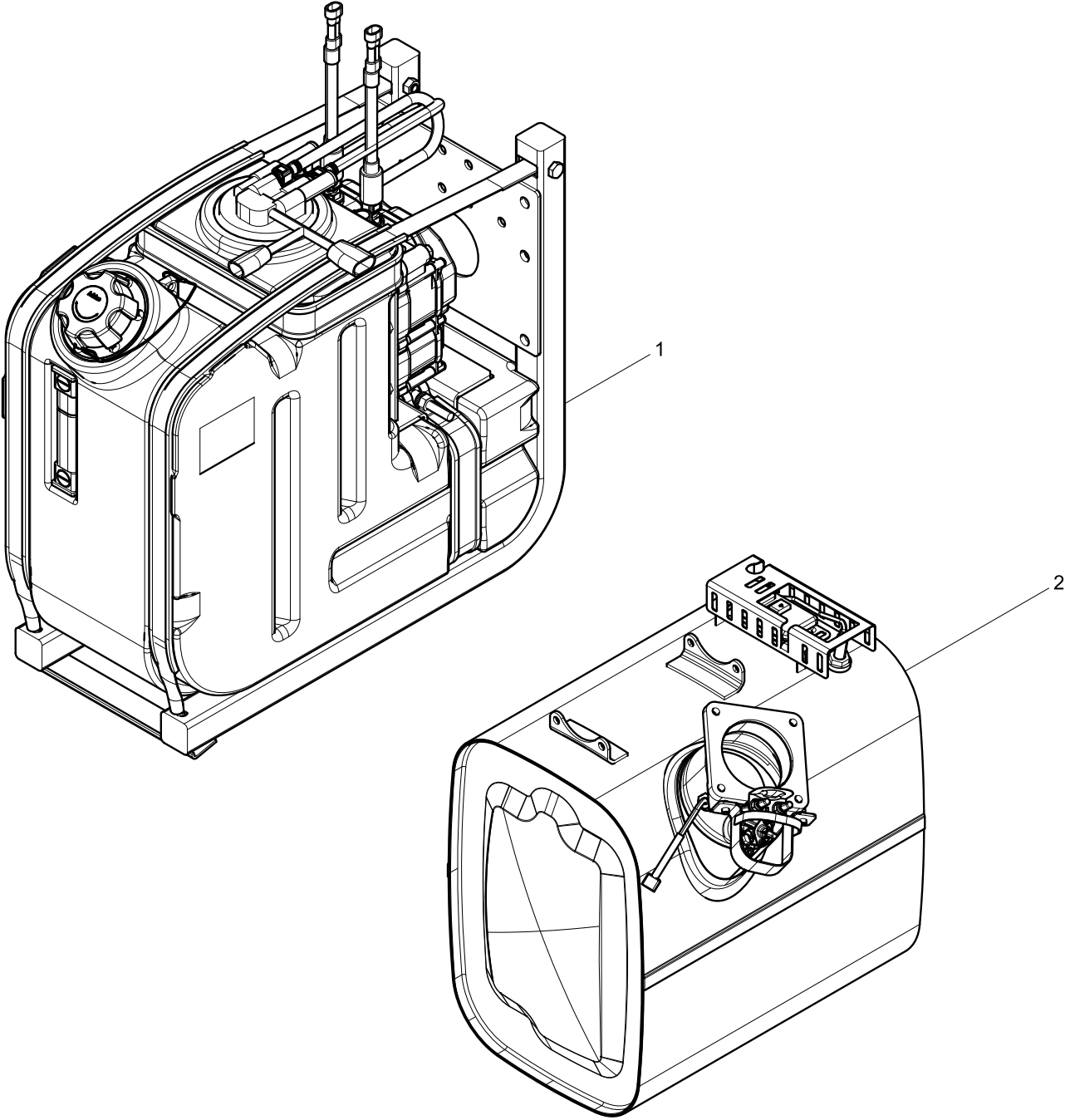
燃油水寒宝(Fuel System Protector)



燃油水寒宝(Fuel System Protector)

[illegible]

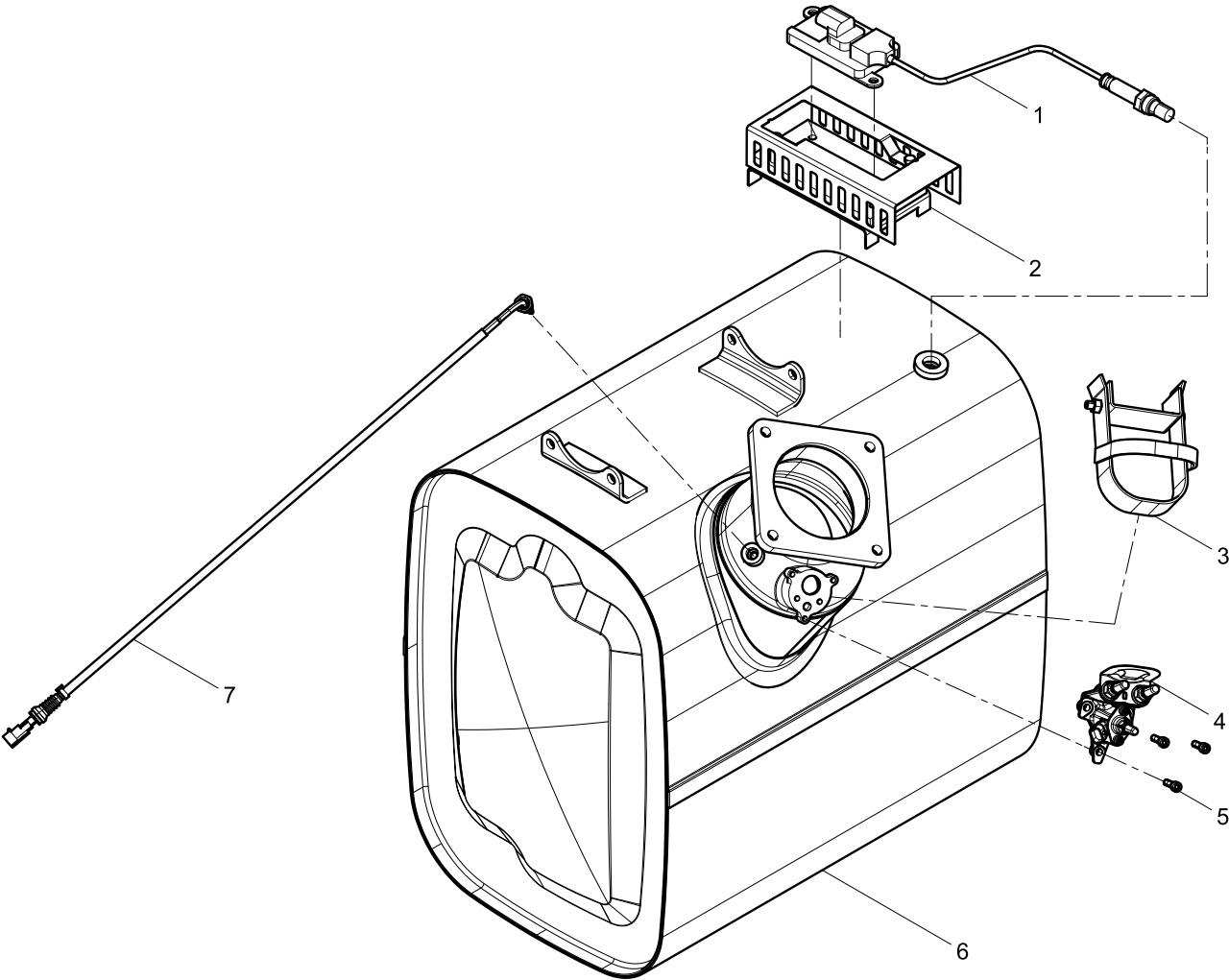
随机单发零件结合组(Seperate Delivery Parts Group Attached to Engine)



随机单发零件结合组(Separate Delivery Parts Group Attached to Engine)

[illegible]

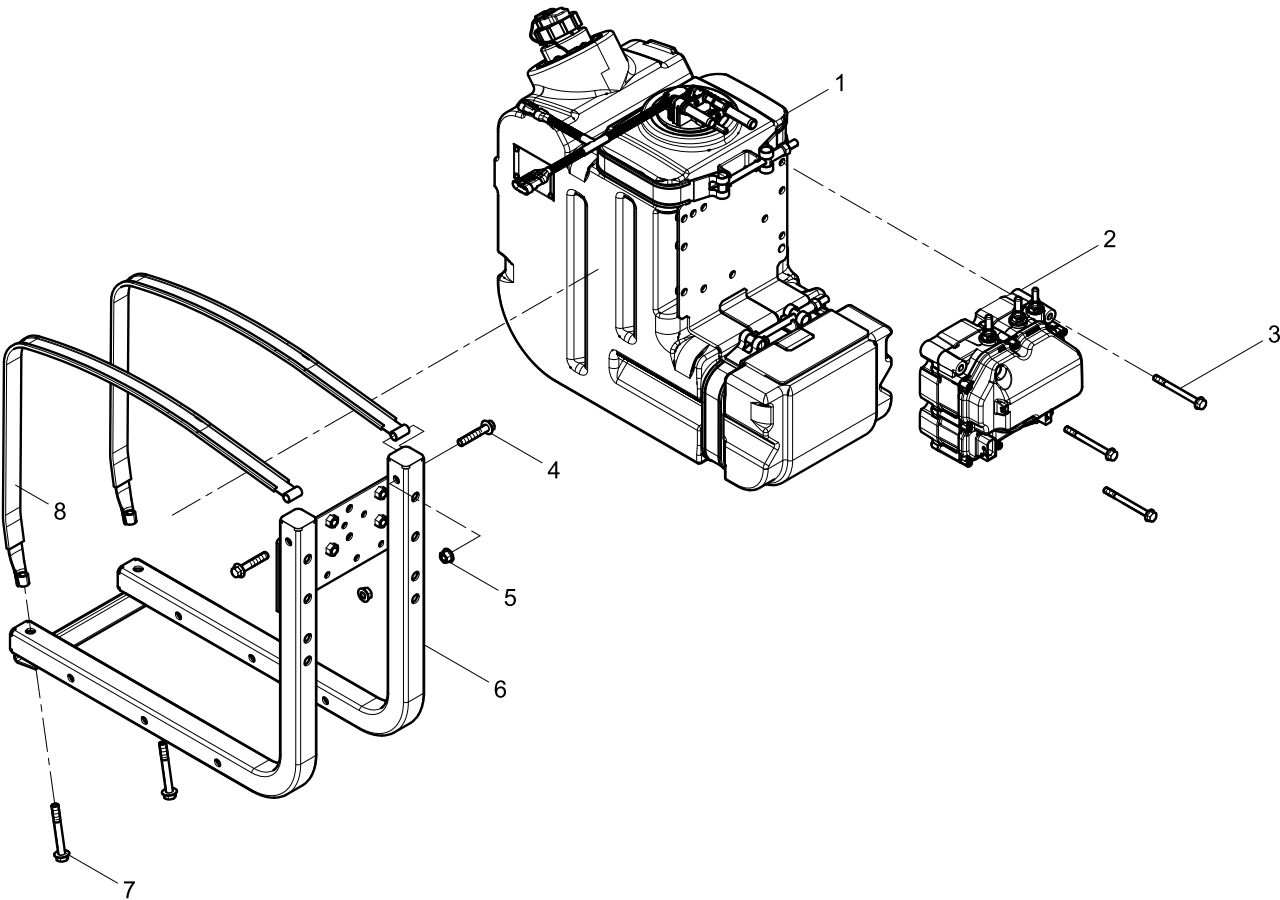
SCR箱总成(SCR Box Assembly)



SCR箱总成(SCR Box Assembly)

[illegible]

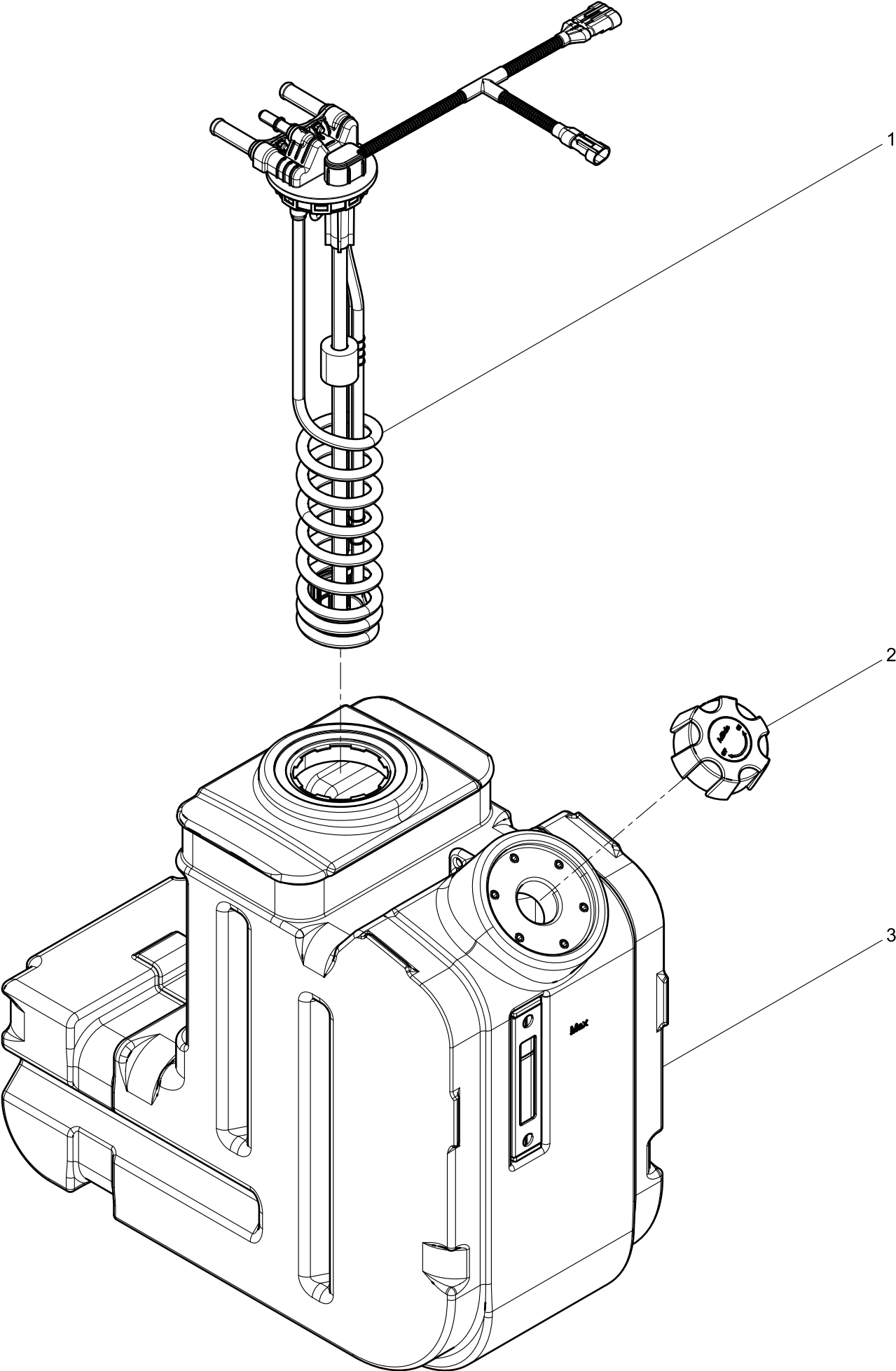
集成式尿素箱总成(Integrated Urea Tank Assembly)



集成式尿素箱总成(Integrated Urea Tank Assembly)

[illegible]

尿素箱总成(Urea Tank Assembly)



尿素箱总成(Urea Tank Assembly)

[illegible]

潍柴动力股份有限公司
WEICHAI POWER CO., LTD.

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产品参数如有变更恕不另行通知
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