



WEICHAI

DHP12Q2148

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装配关系。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。本产品的售后服务统一授权潍柴动力股份有限公司执行，用户可通过www.weichai.com网站访问获取相关产品信息。

FOREWORD

This illustrated parts manual is specially prepared for customers to facilitate the use of WP12 series diesel engine in operation and tenance.

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 . The 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.After service of this product is authorized to Weichai Power Co.,Ltd ,Consumers can acquire information of this product through www.weichai.com.

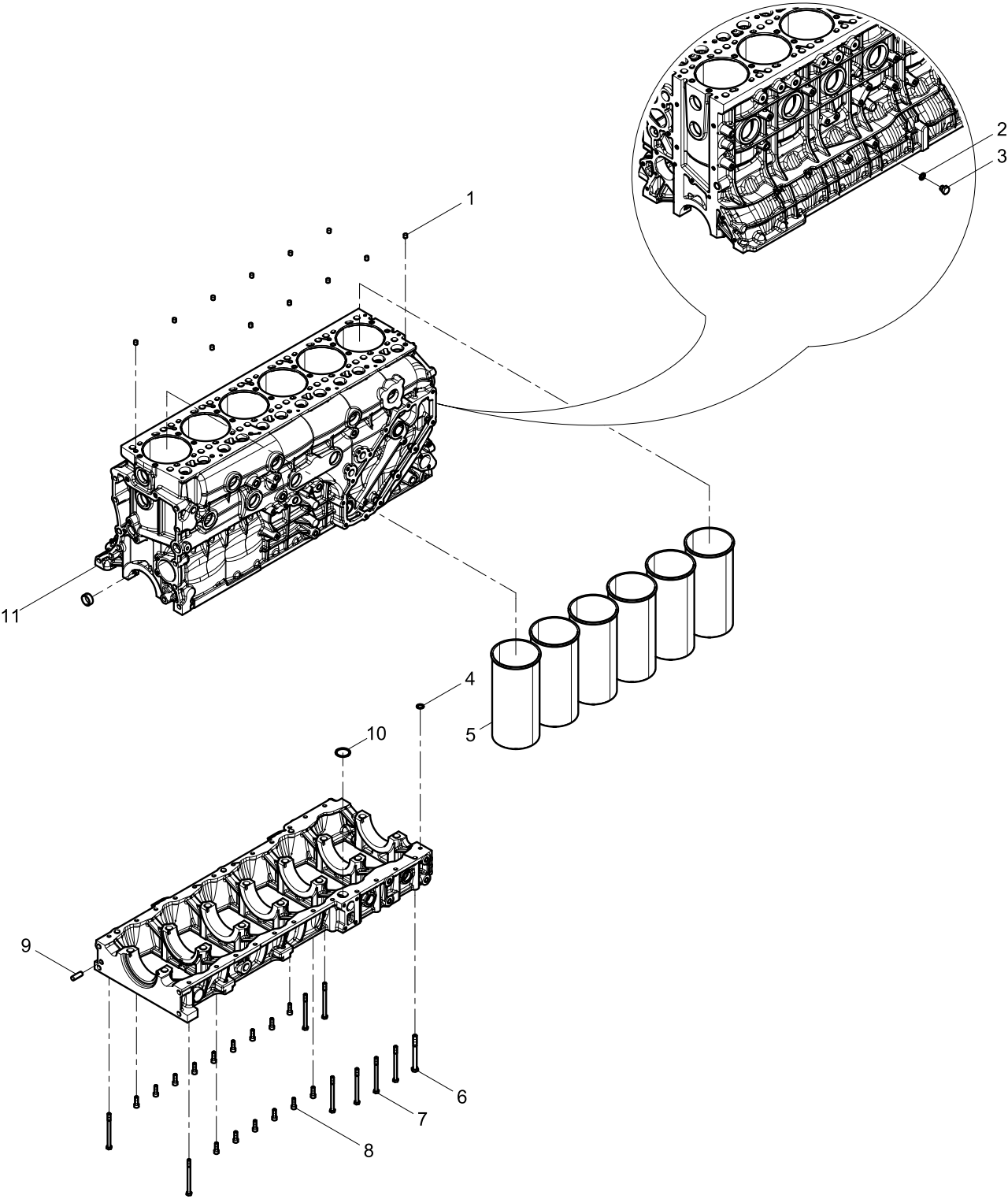
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机体结合组(Engine Block Group)

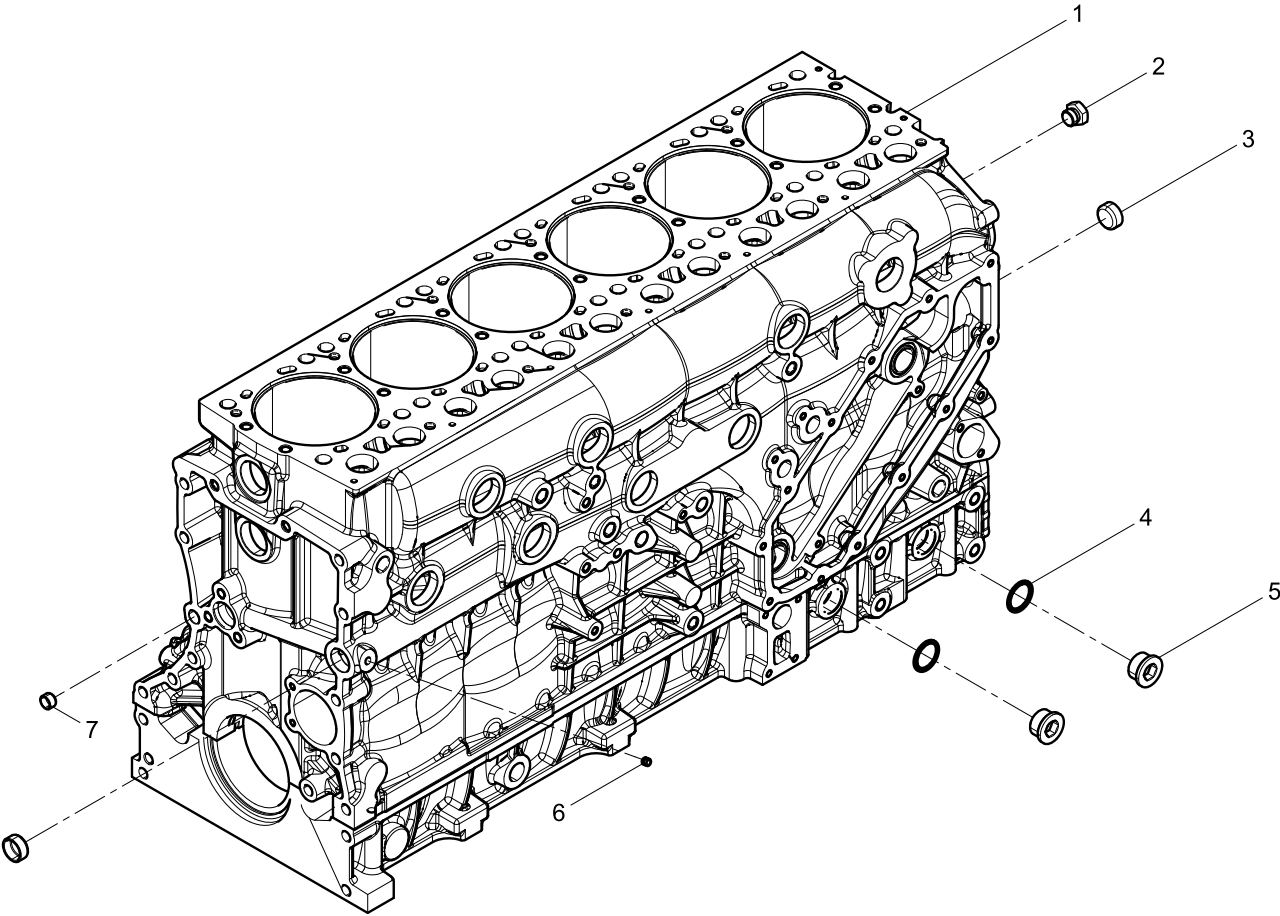




机体结合组(Engine Block Group)

[illegible]

机体总成(crankcase assembly)

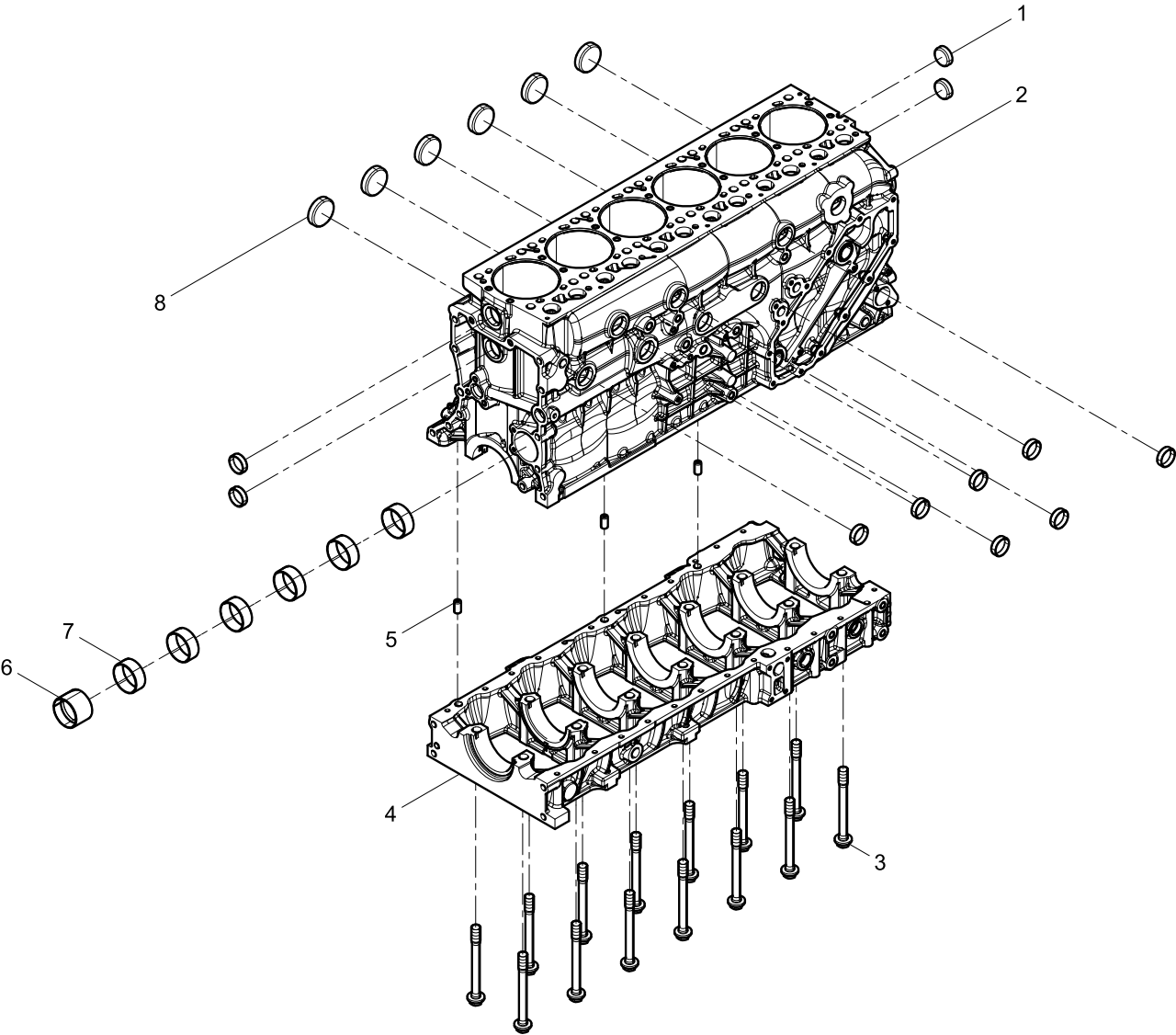




机体总成(crankcase assembly)

[illegible]

机体预装配(crankcase pre-assembly)

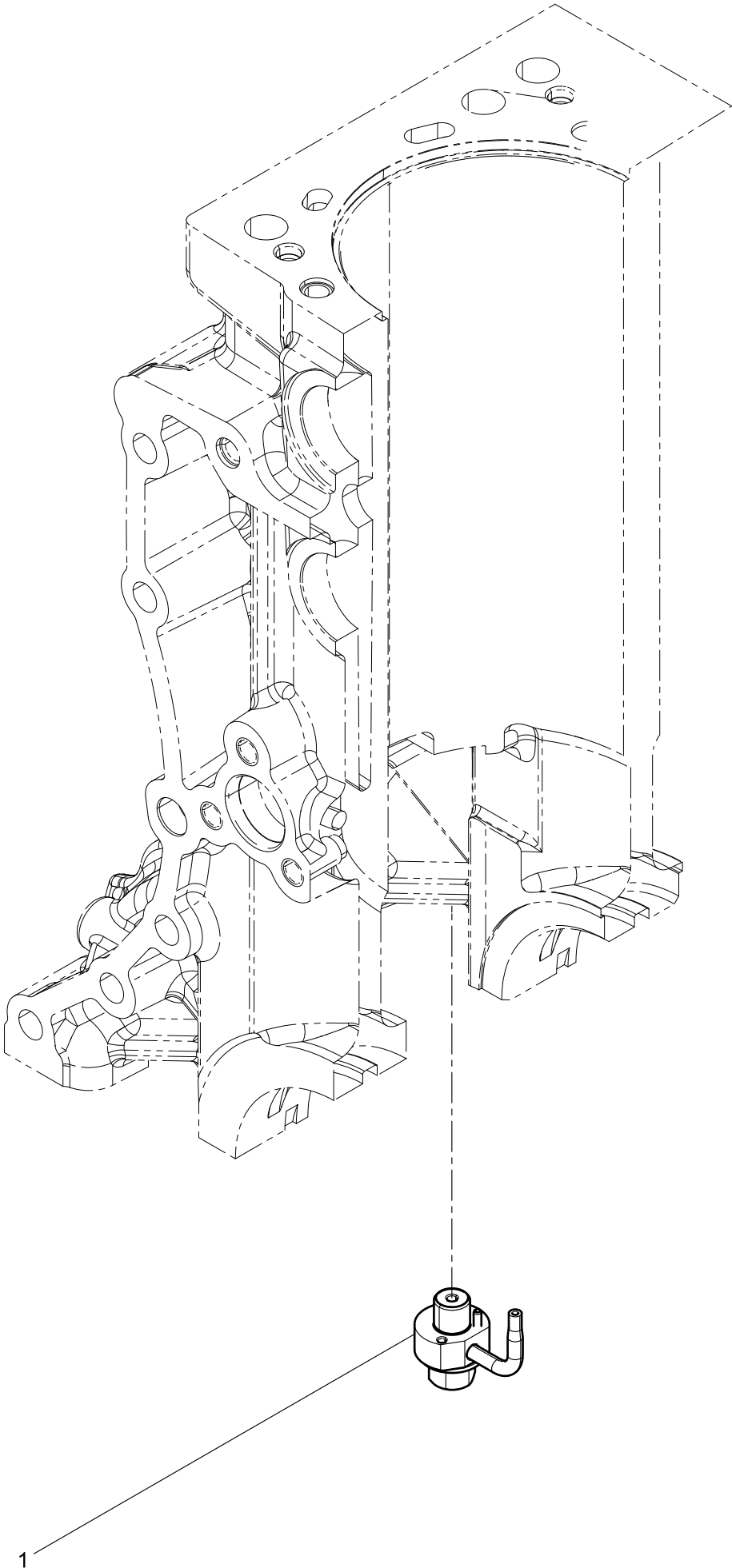




机体预装配(crankcase pre-assembly)

[illegible]

喷嘴组件(Nozzle Set)

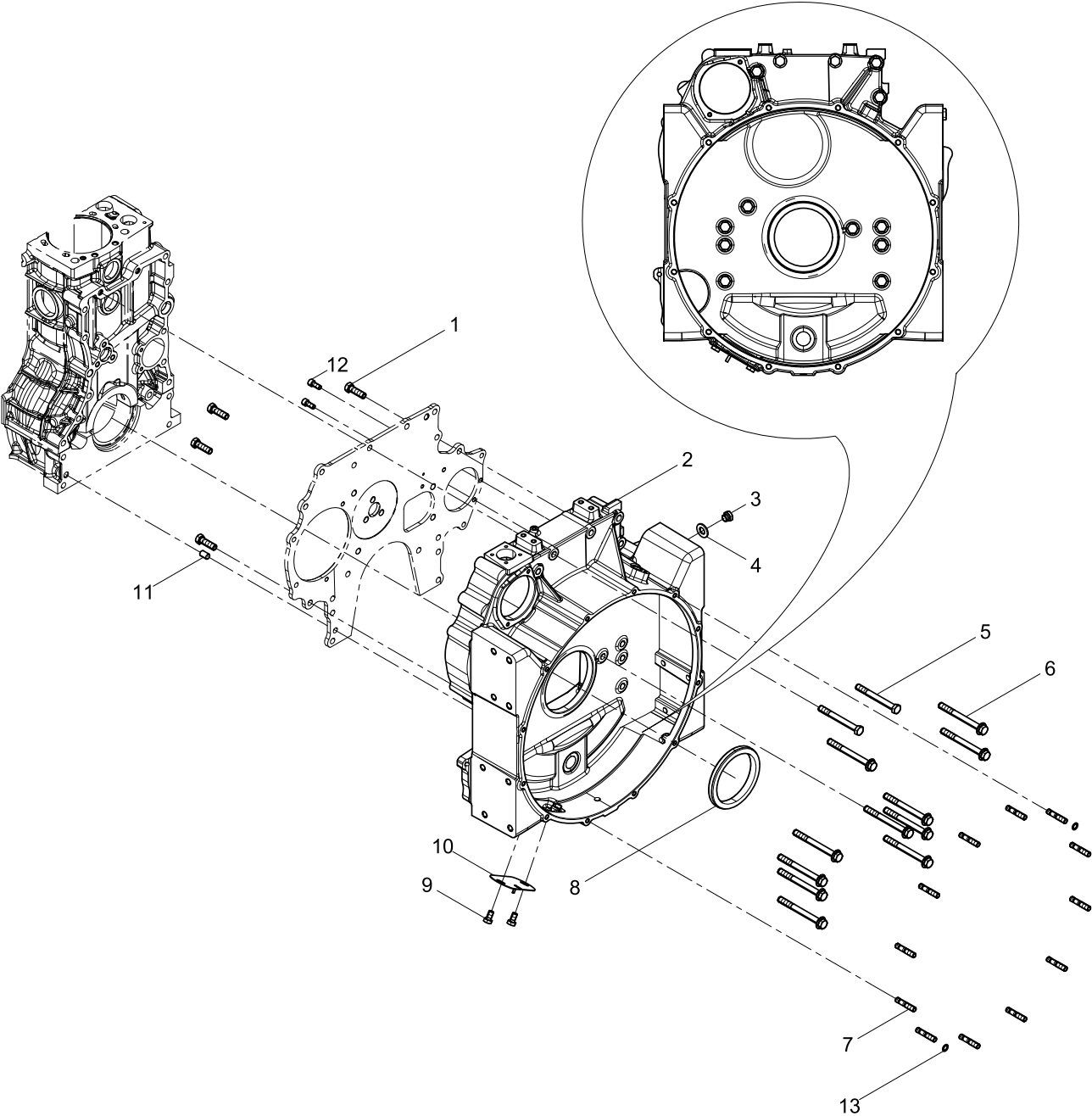




喷嘴组件(Nozzle Set)

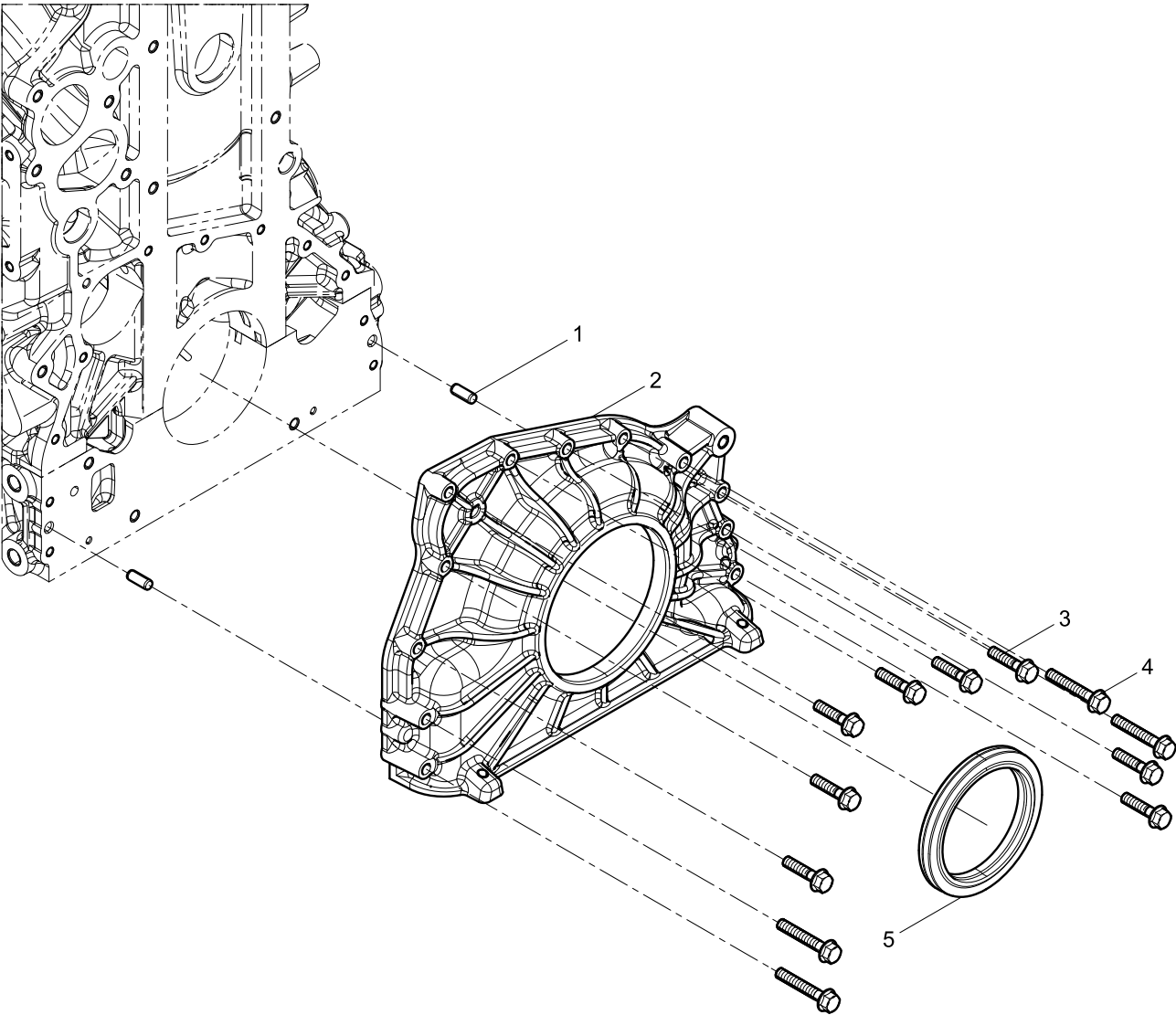
[illegible]

飞轮壳结合组(Flywheel Housing Group)



10

前端盖结合组(Front cover group)

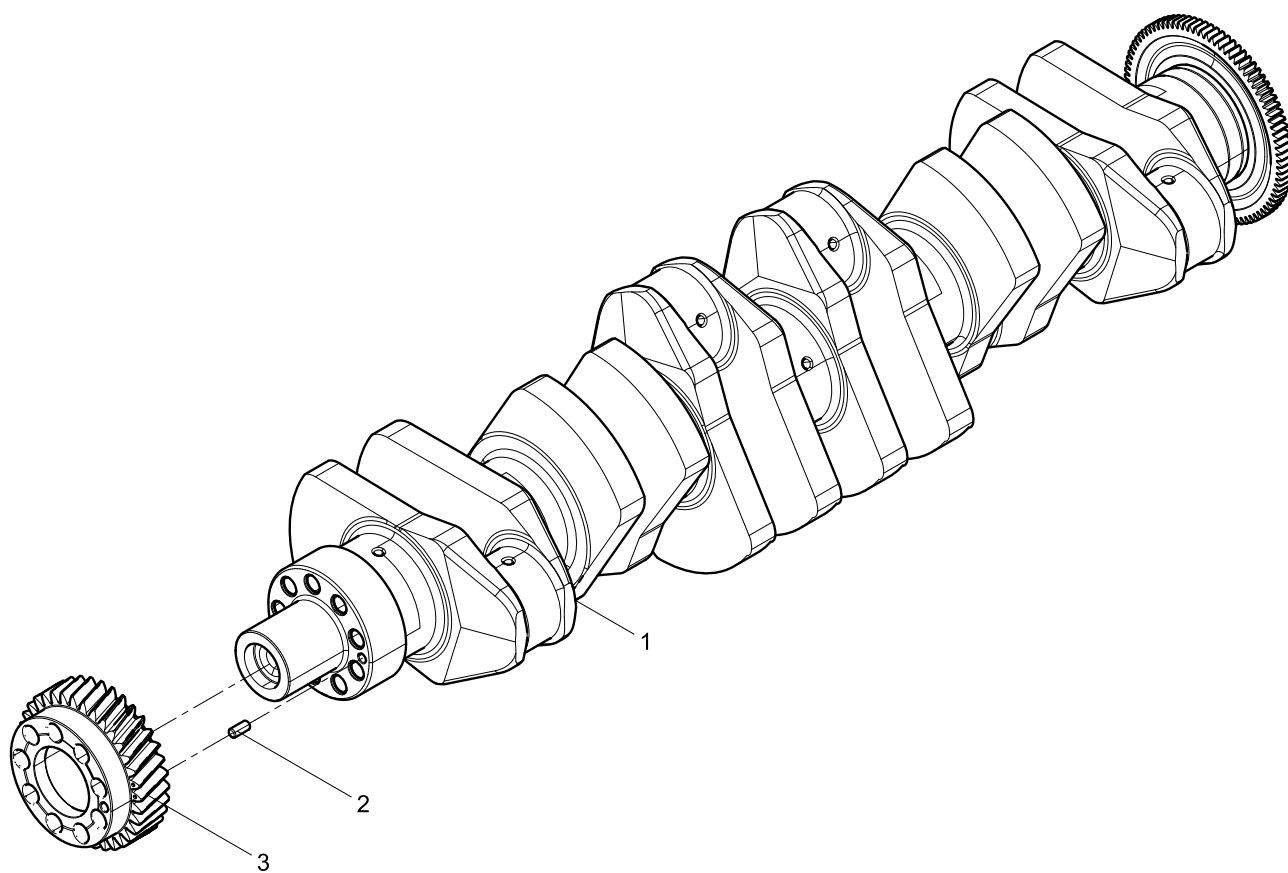




前端盖结合组(Front cover group)

[illegible]

曲轴结合组(Crankshaft Group)

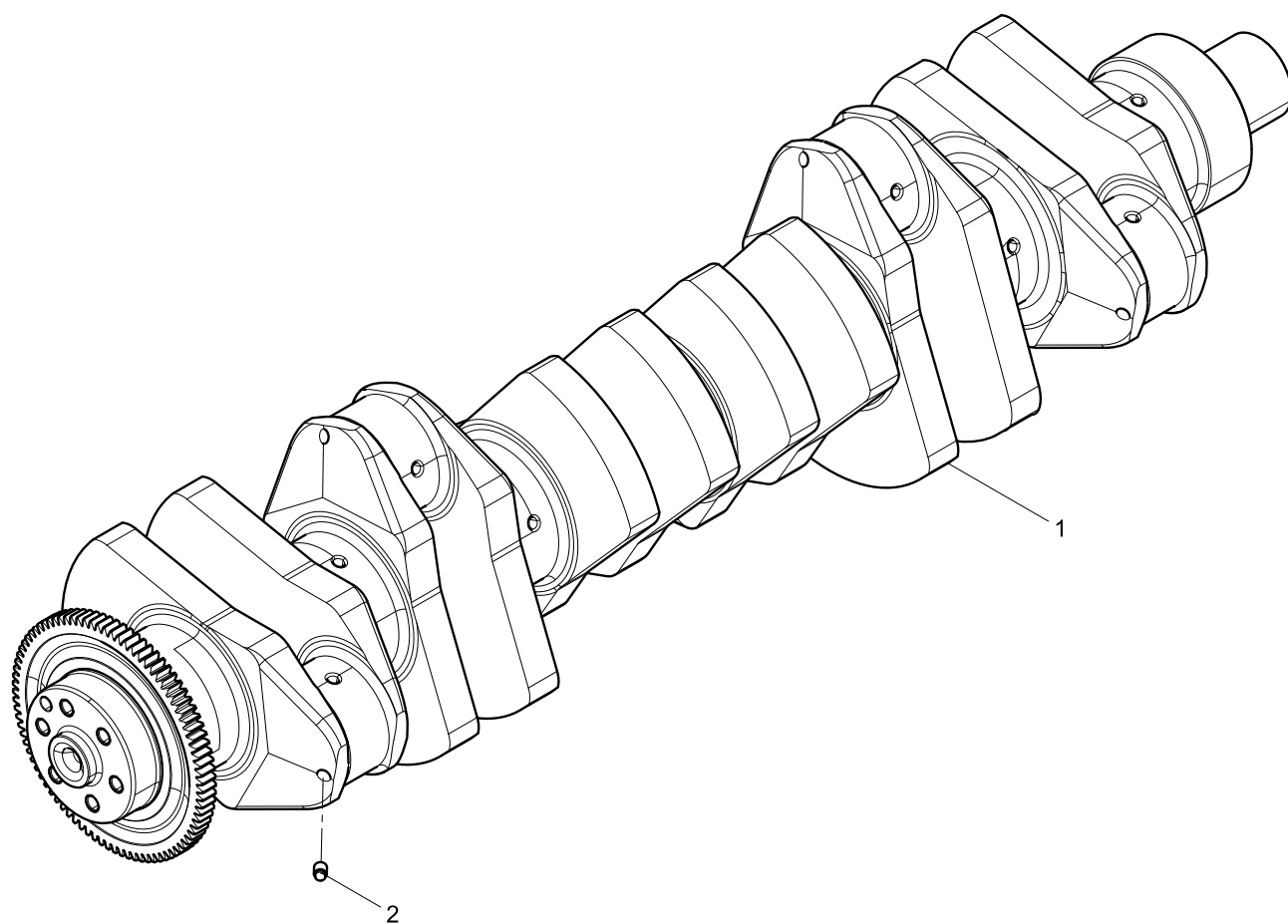




曲轴结合组(Crankshaft Group)

[illegible]

曲轴总成(Crankshaft Assembly)

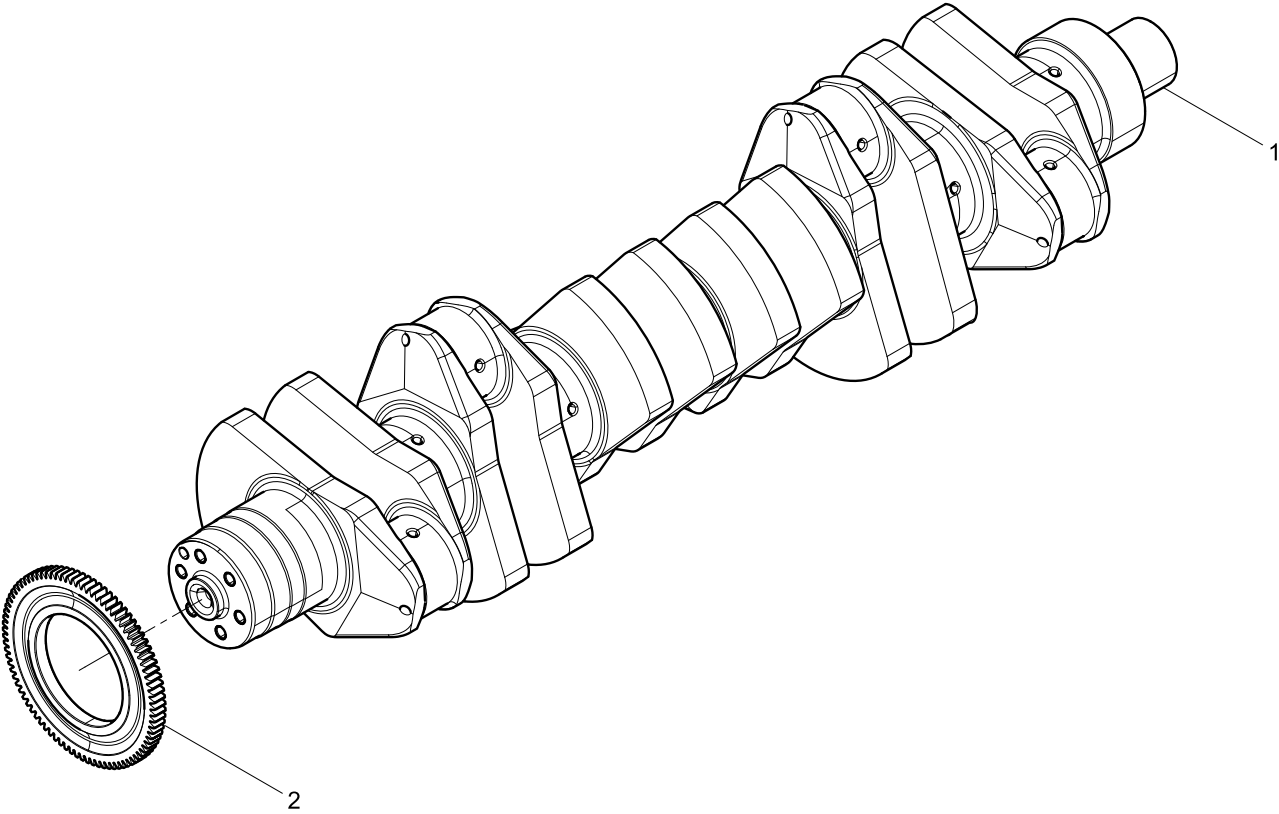




曲轴总成(Crankshaft Assembly)

[illegible]

曲轴分总成(Crankshaft Subassembly)

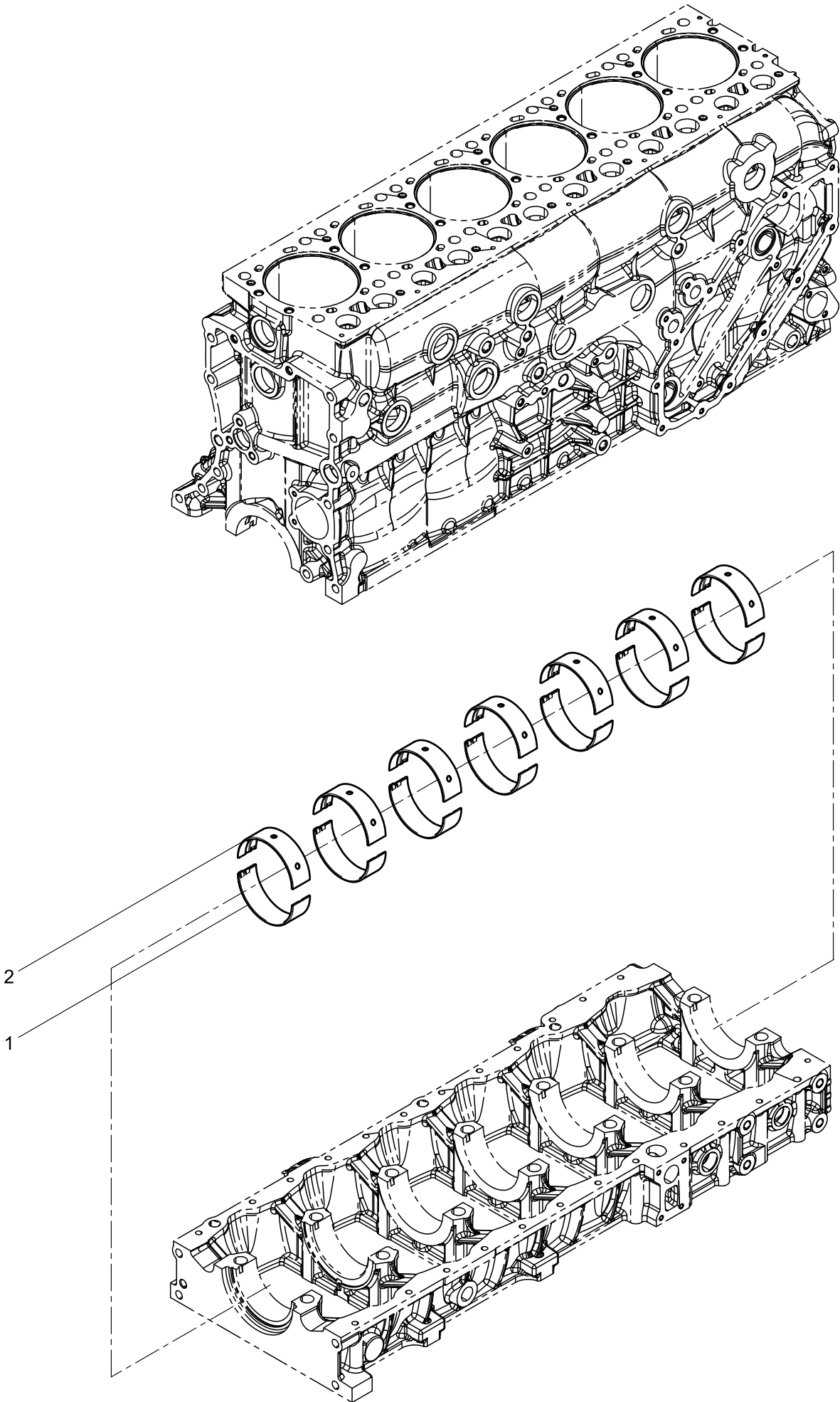




曲轴分总成(Crankshaft Subassembly)

[illegible]

主轴瓦结合组(Main Bearing Group)

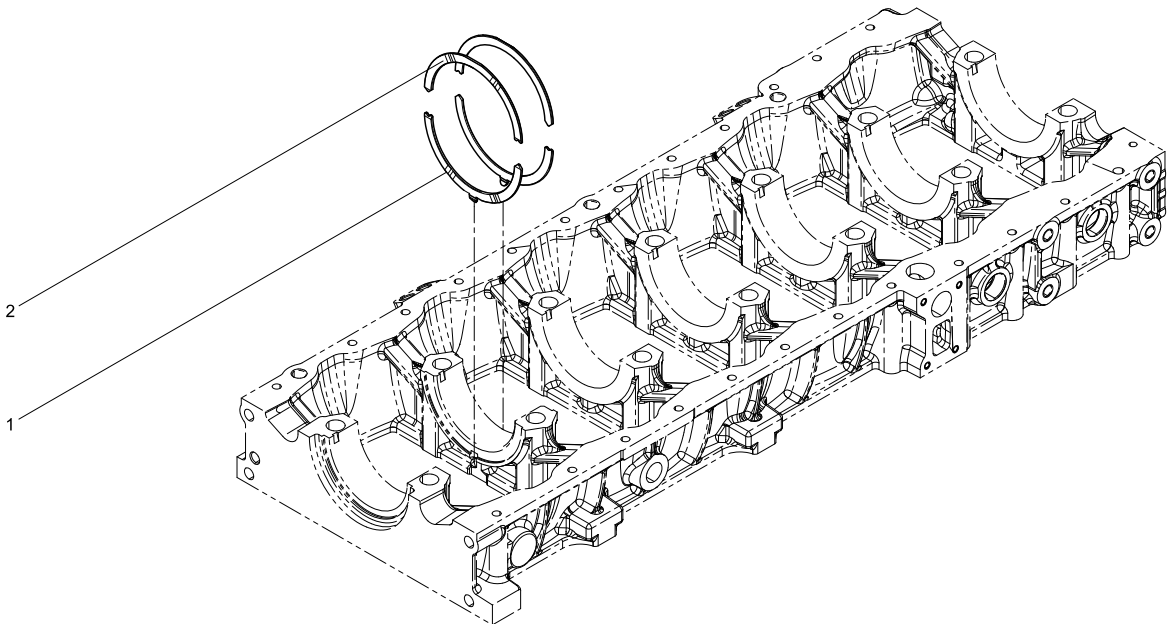
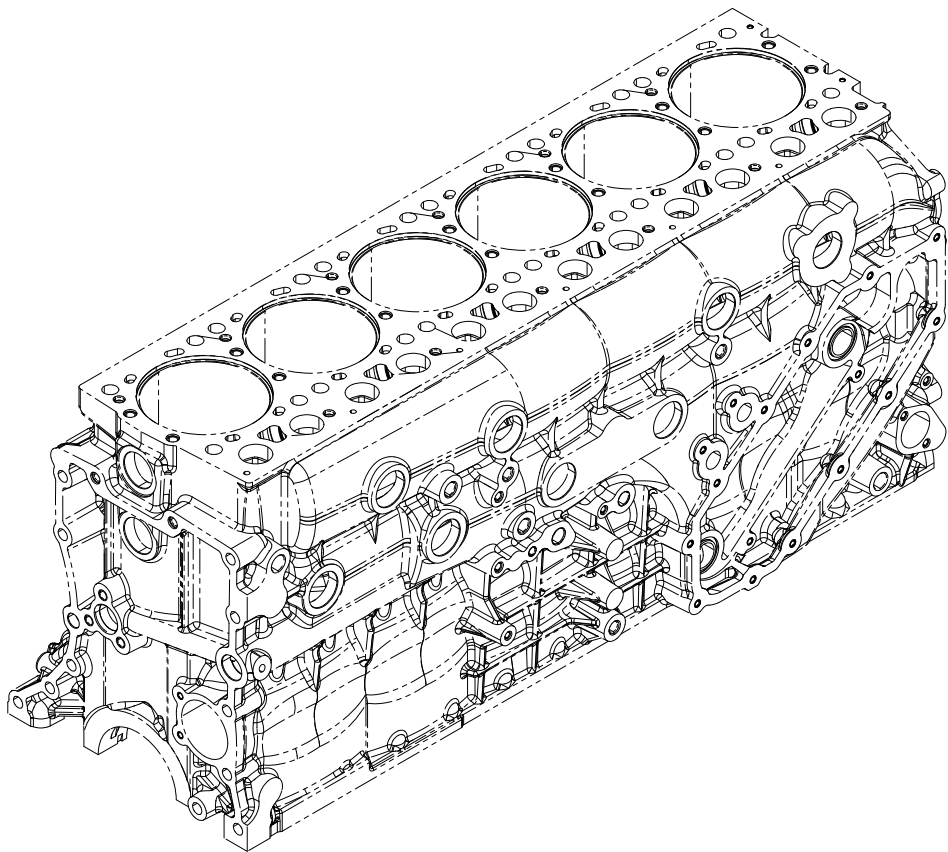




主轴瓦结合组(Main Bearing Group)

[illegible]

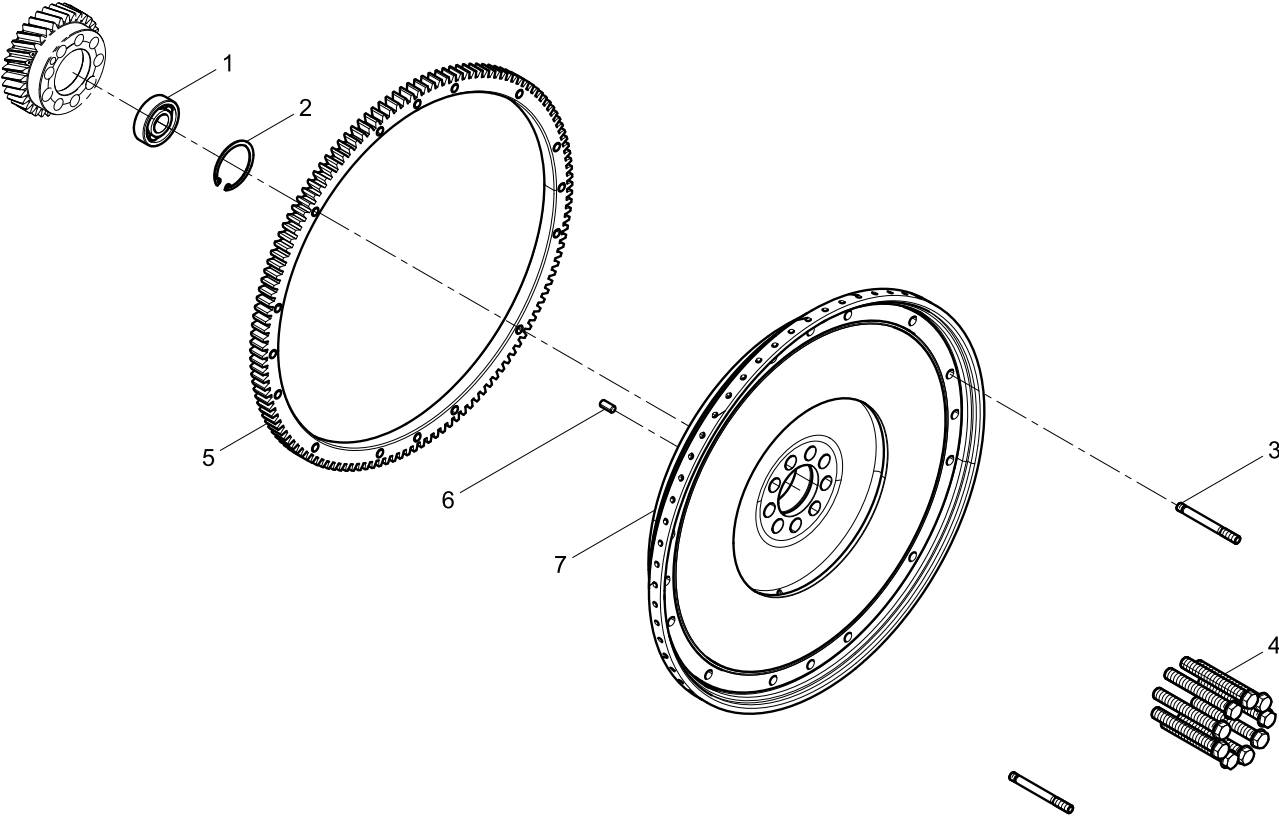
止推片组件(Thrust Plate Set)



止推片组件(Thrust Plate Set)

[illegible]

飞轮结合组(Flywheel Group)

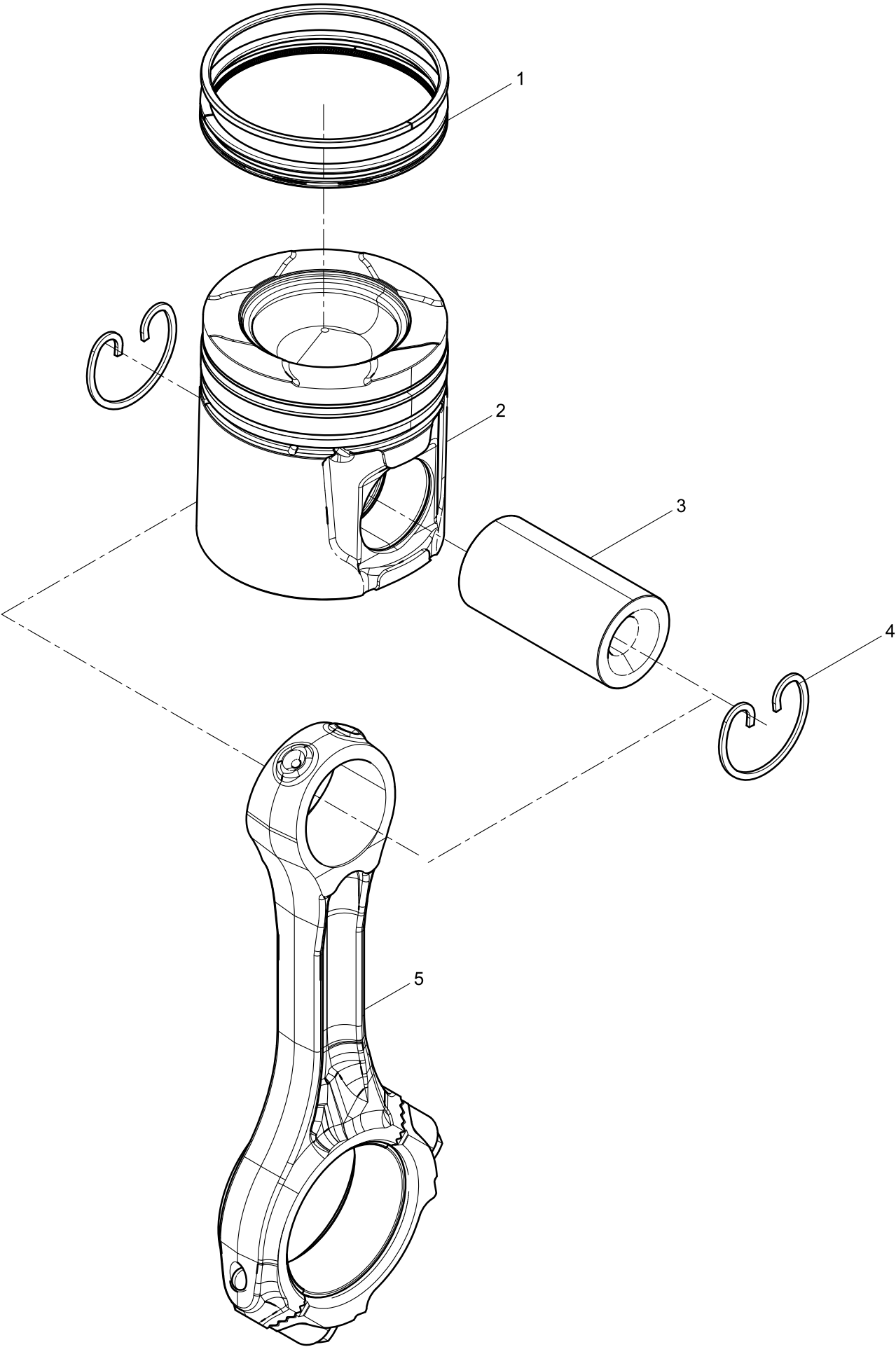




飞轮结合组(Flywheel Group)

[illegible]

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

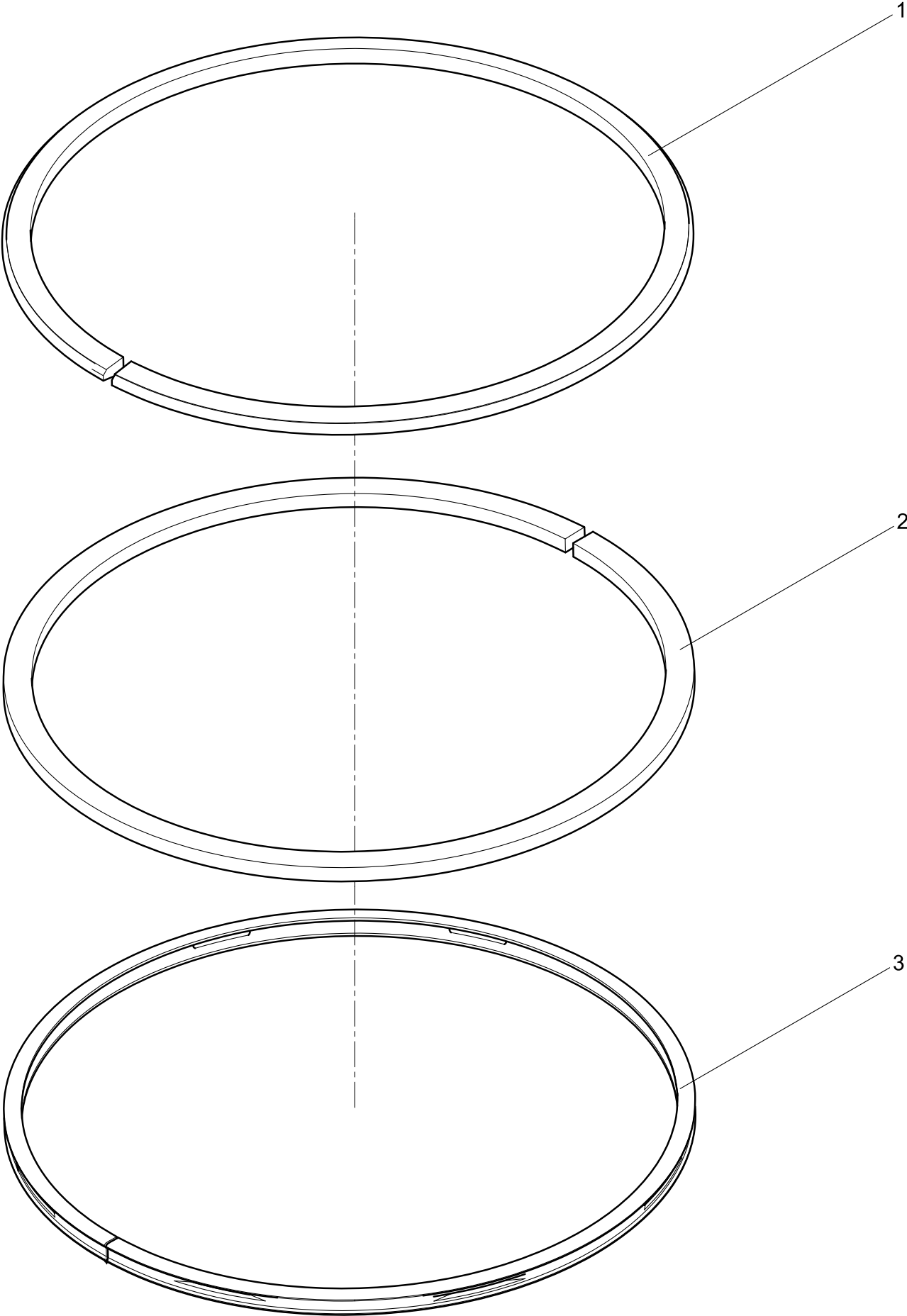




活塞连杆结合组(Piston and Connecting Rod Group)

[illegible]

活塞环组件(Piston Ring Set)

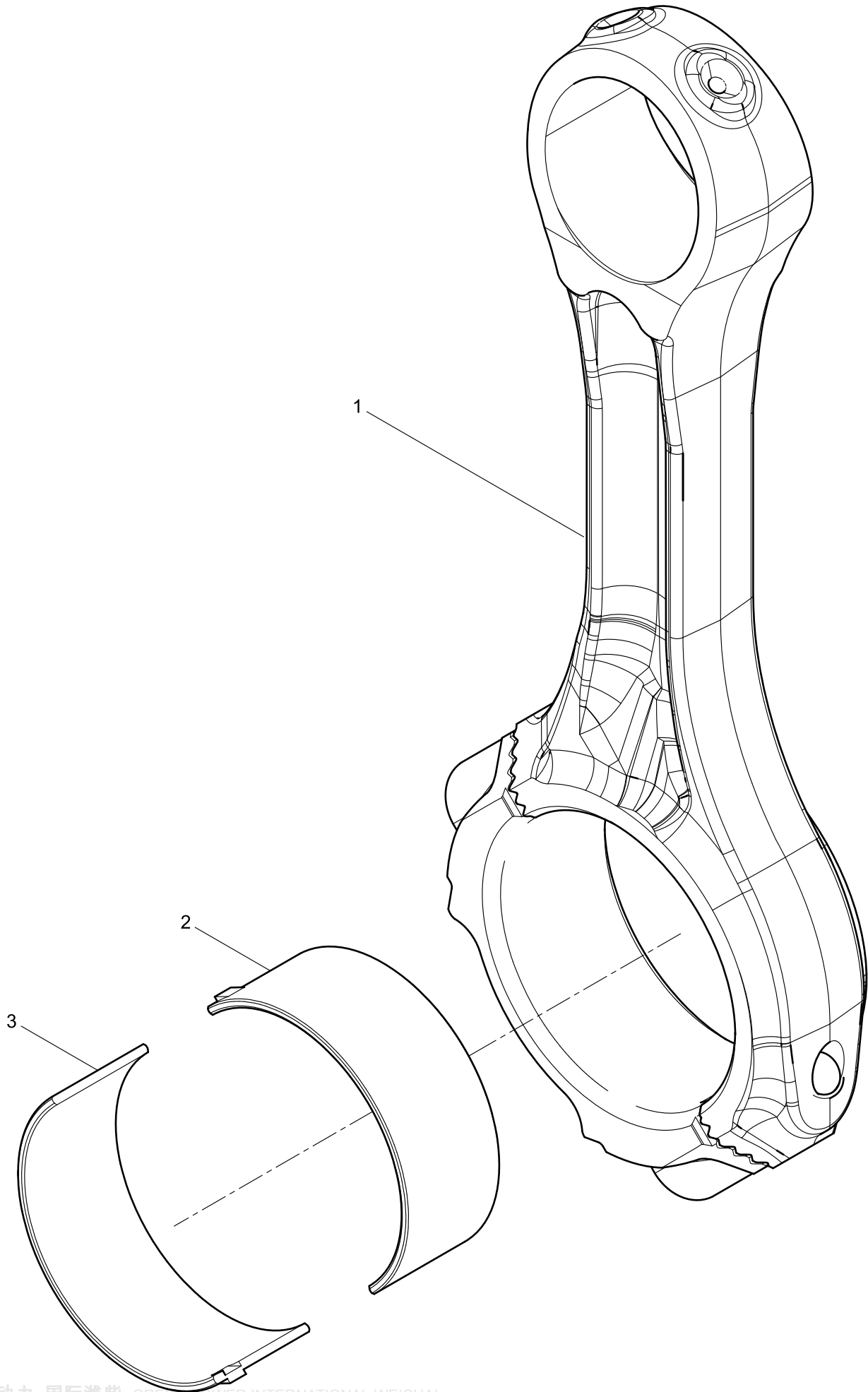




活塞环组件(Piston Ring Set)

[illegible]

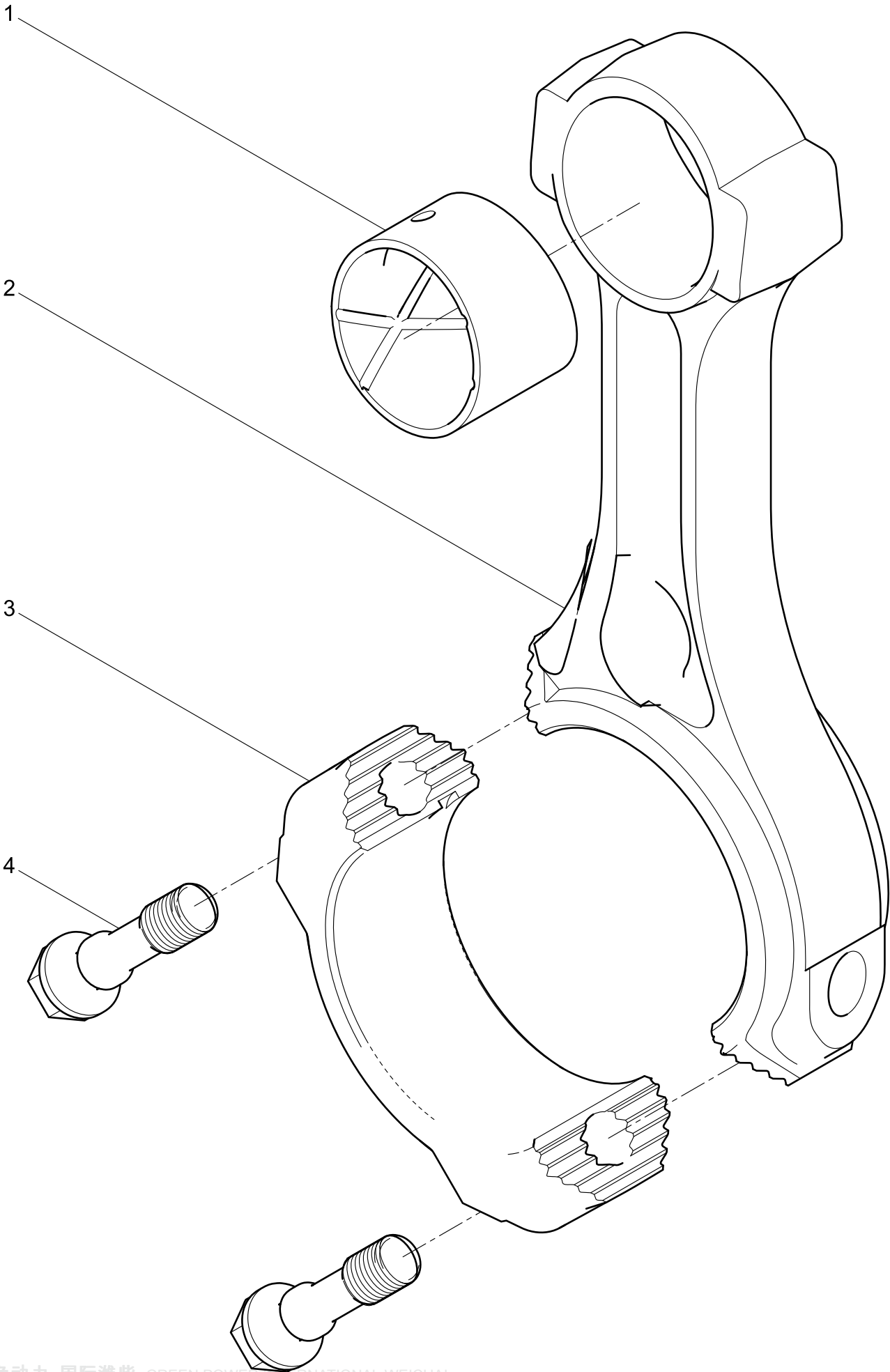
连杆总成(Connecting Rod Assembly)



连杆总成(Connecting Rod Assembly)

[illegible]

连杆总成(Connecting Rod Assembly)

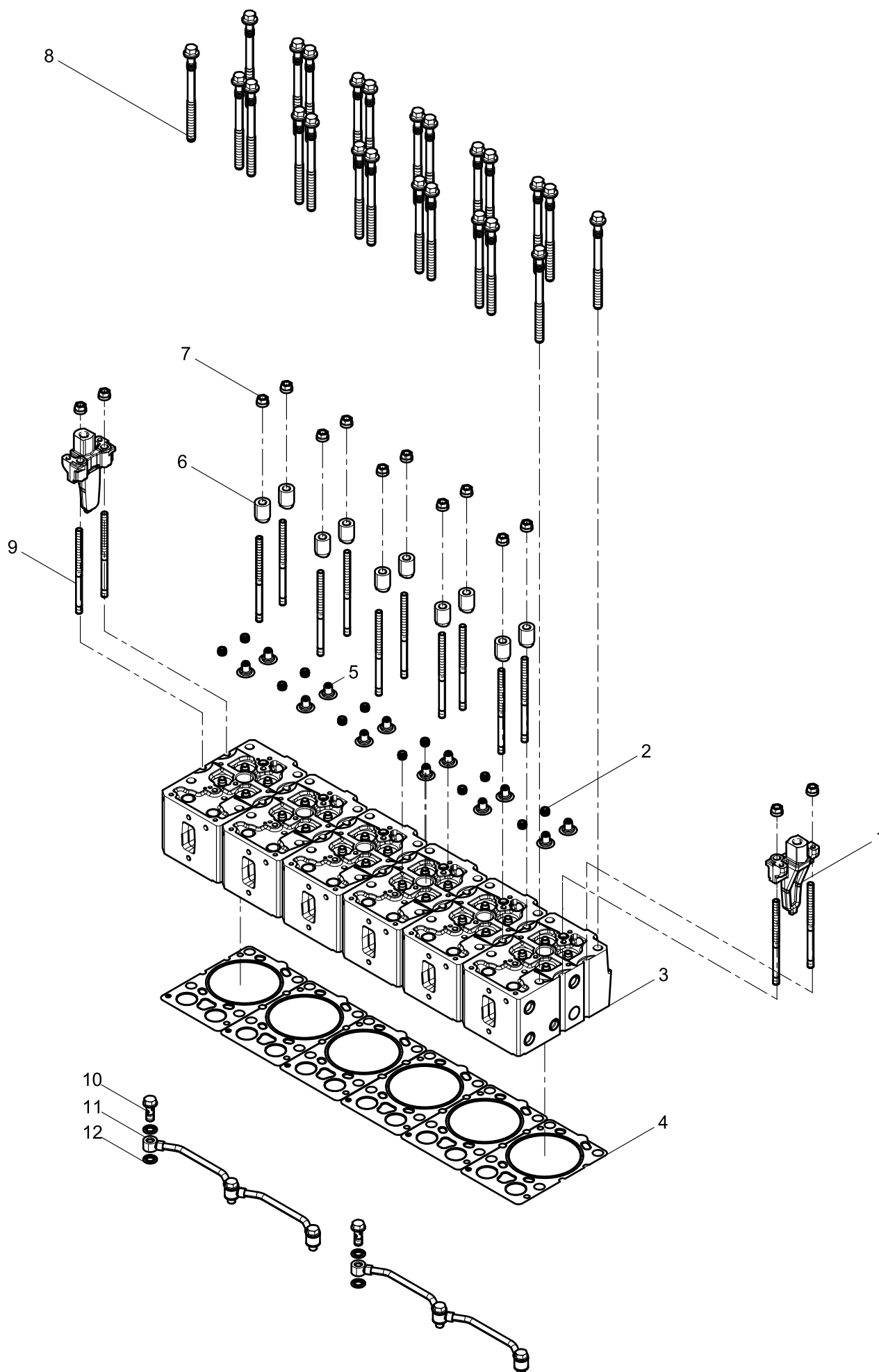




连杆总成(Connecting Rod Assembly)

[illegible]

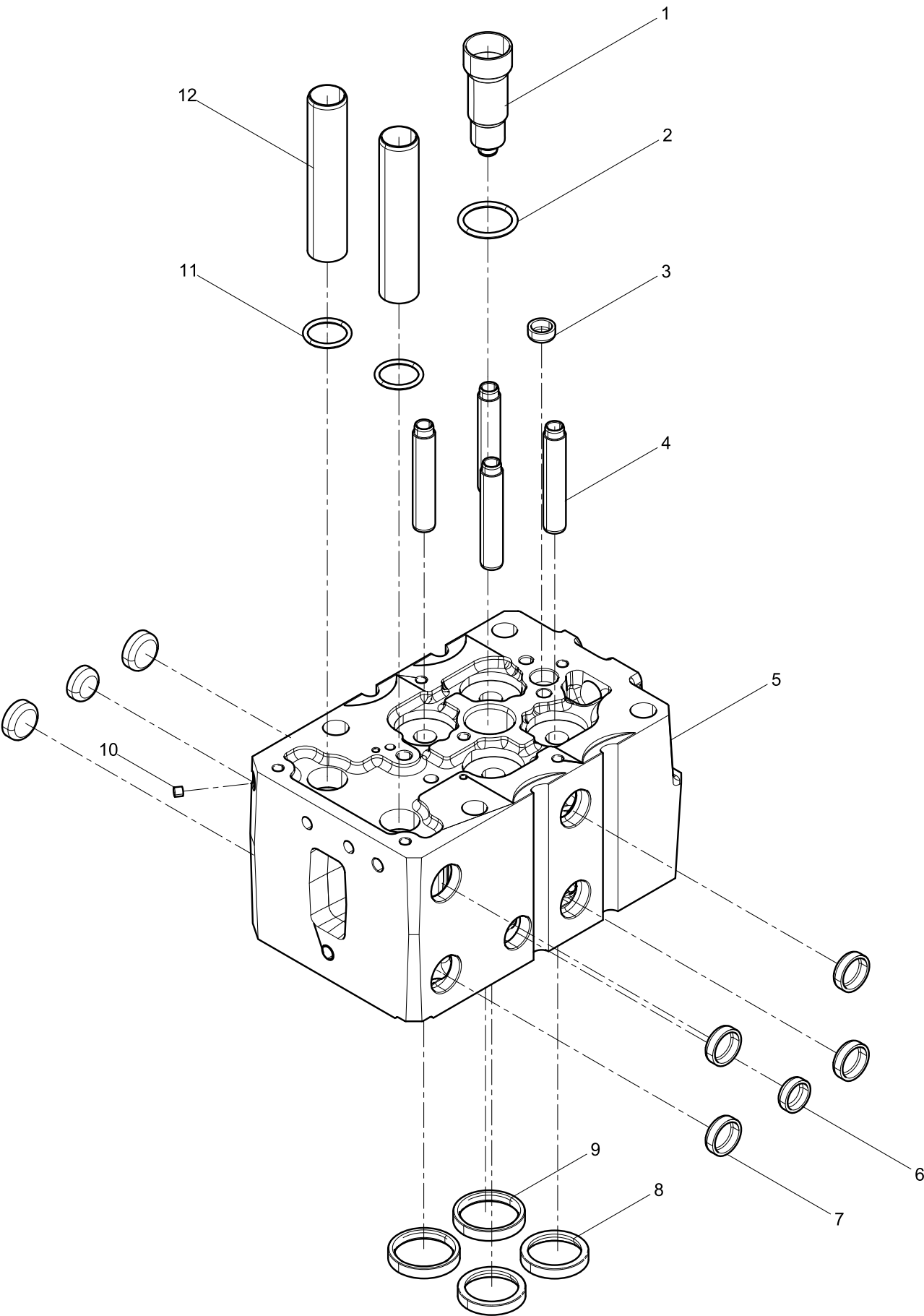
气缸盖结合组(Cylinder Head Group)



气缸盖结合组(Cylinder Head Group)

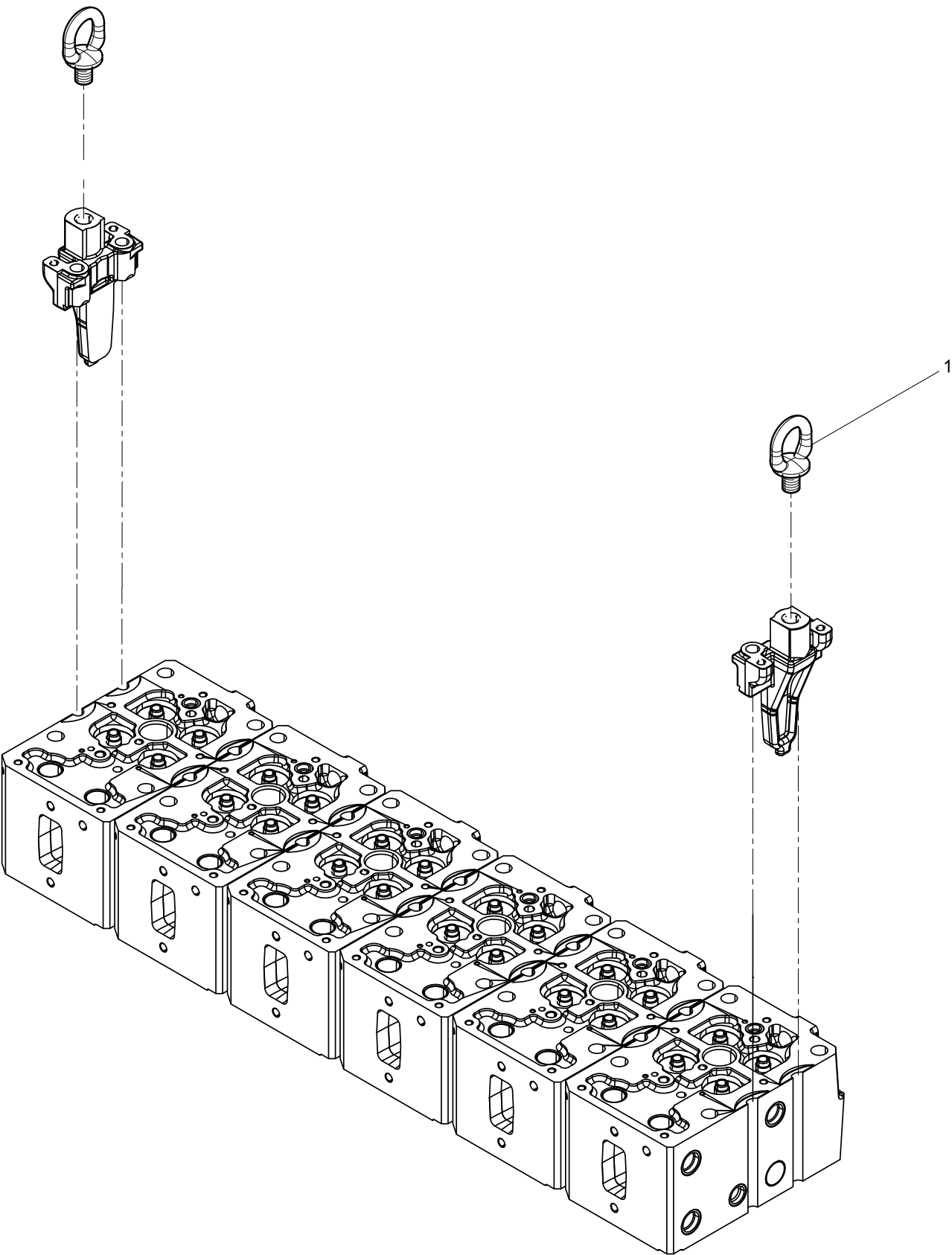
[illegible]

气缸盖分总成(Cylinder Head Subassembly)



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吊环结合组(Eye Ring Group)

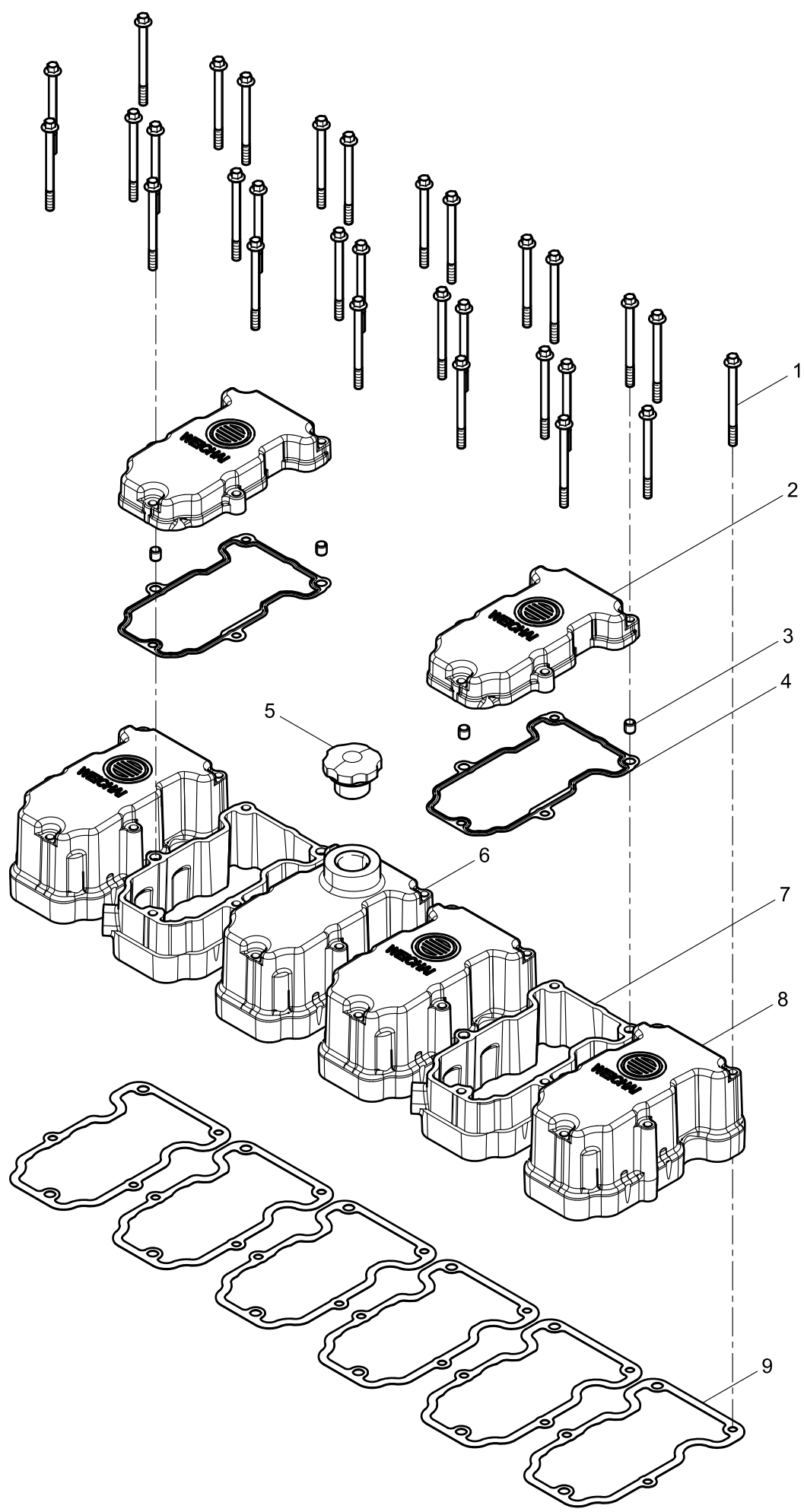




吊环结合组(Eye Ring Group)

[illegible]

气缸盖罩结合组(Cylinder Head Cover Group)

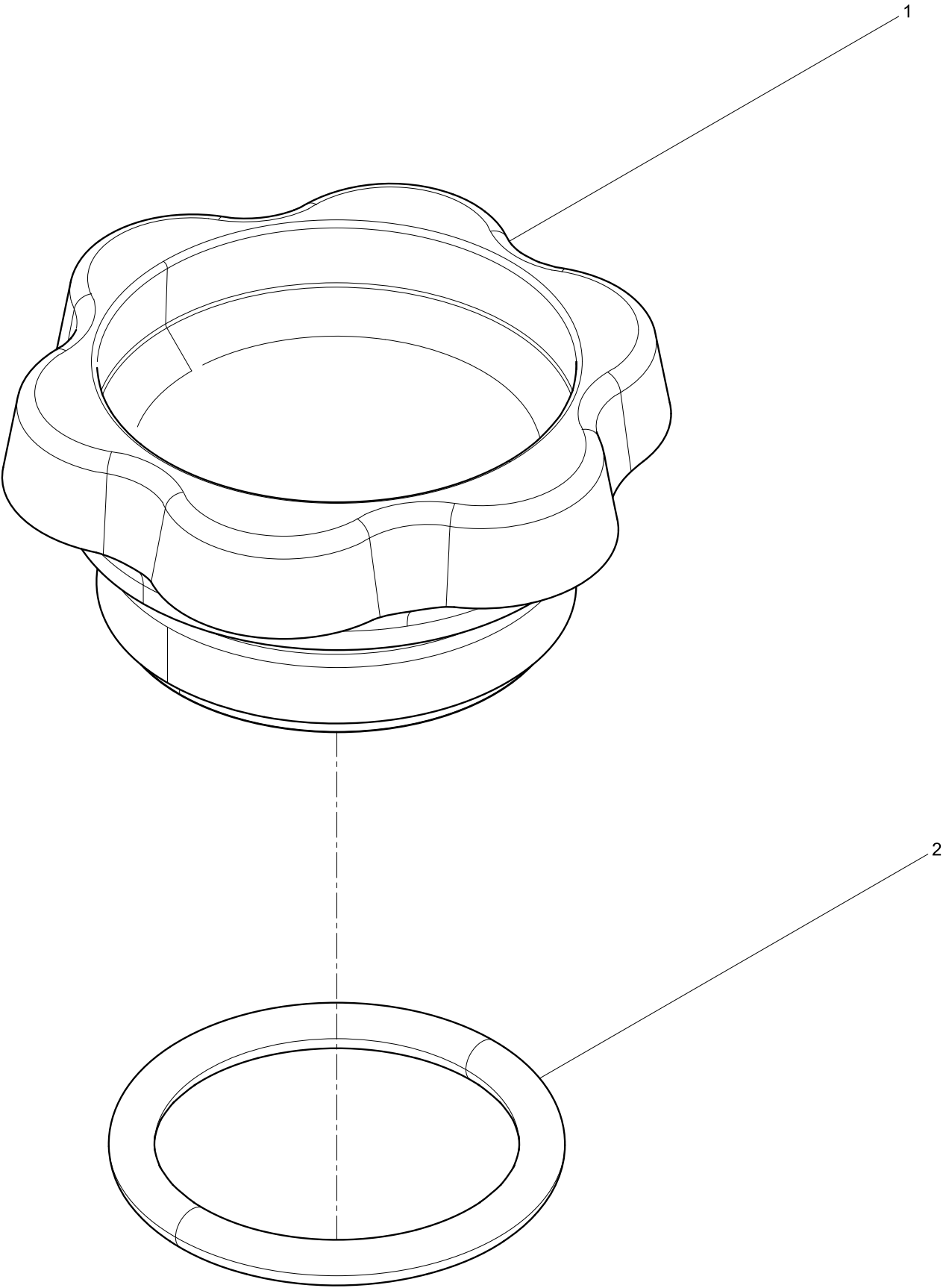




气缸盖罩结合组(Cylinder Head Cover Group)

[illegible]

加油口盖组件(Oil filling port cover assembly)

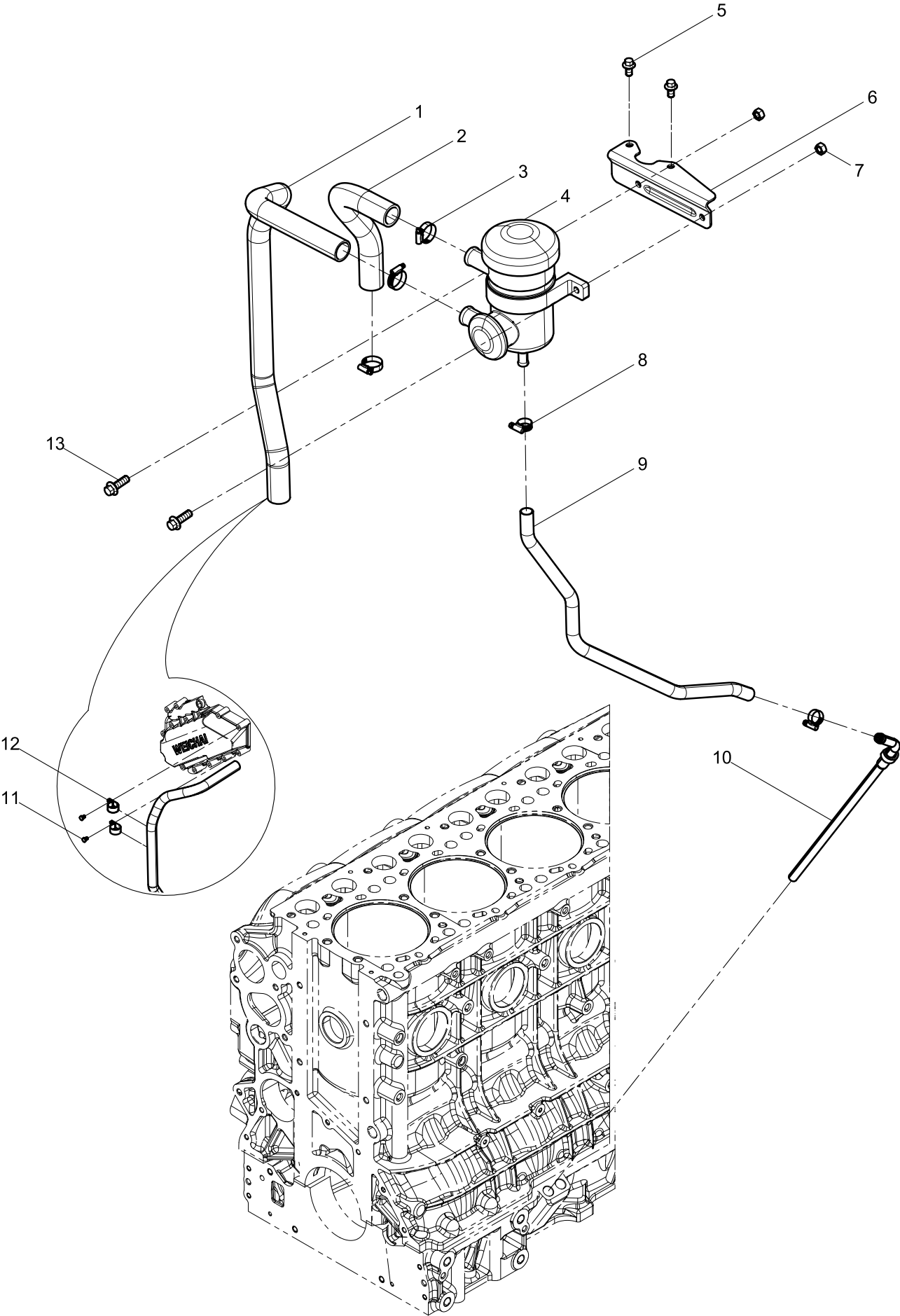




加油口盖组件(Oil filling port cover assembly)

[illegible]

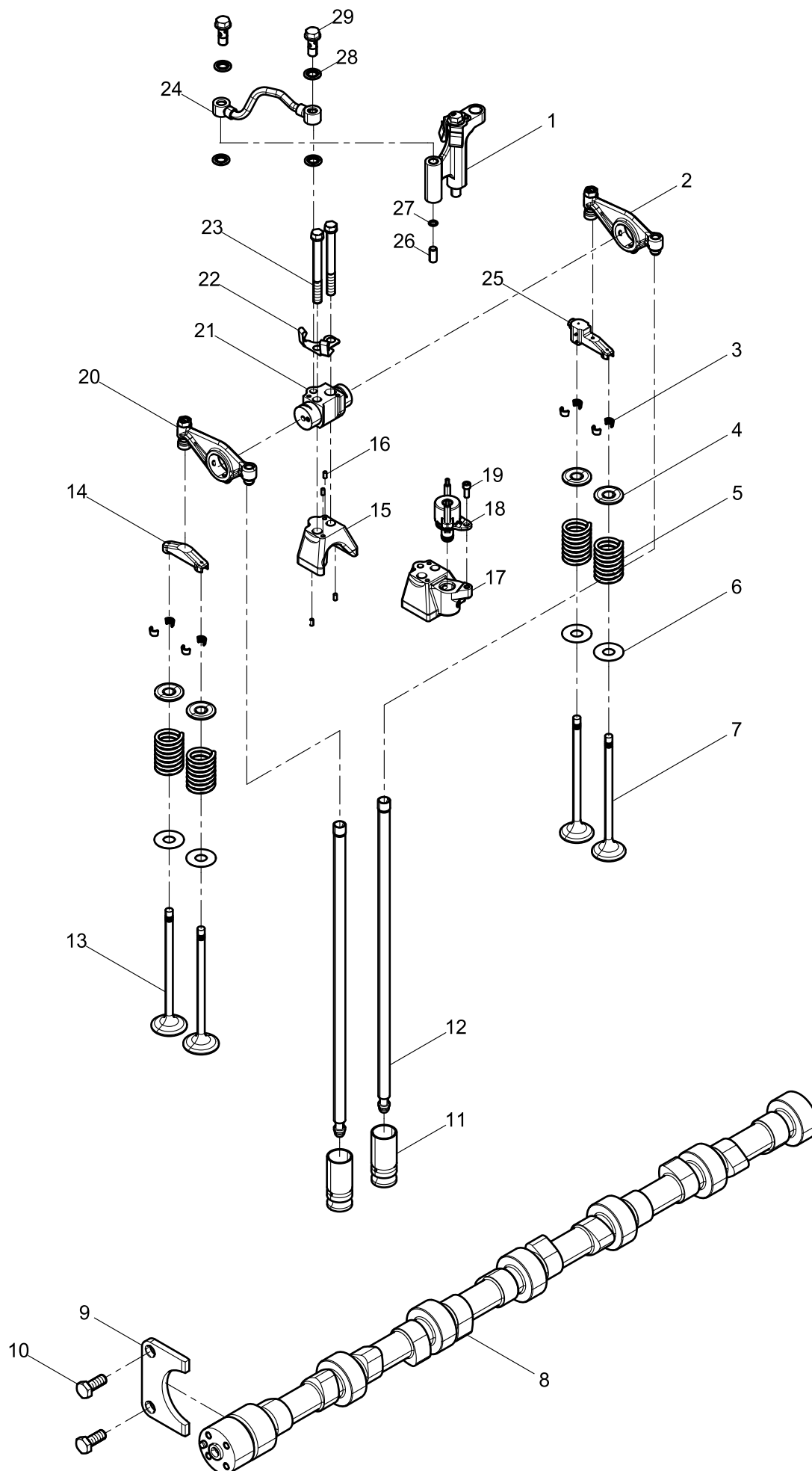
油气分离器结合组(Oil-gas Separator Group)



油气分离器结合组(Oil-gas Separator Group)

[illegible]

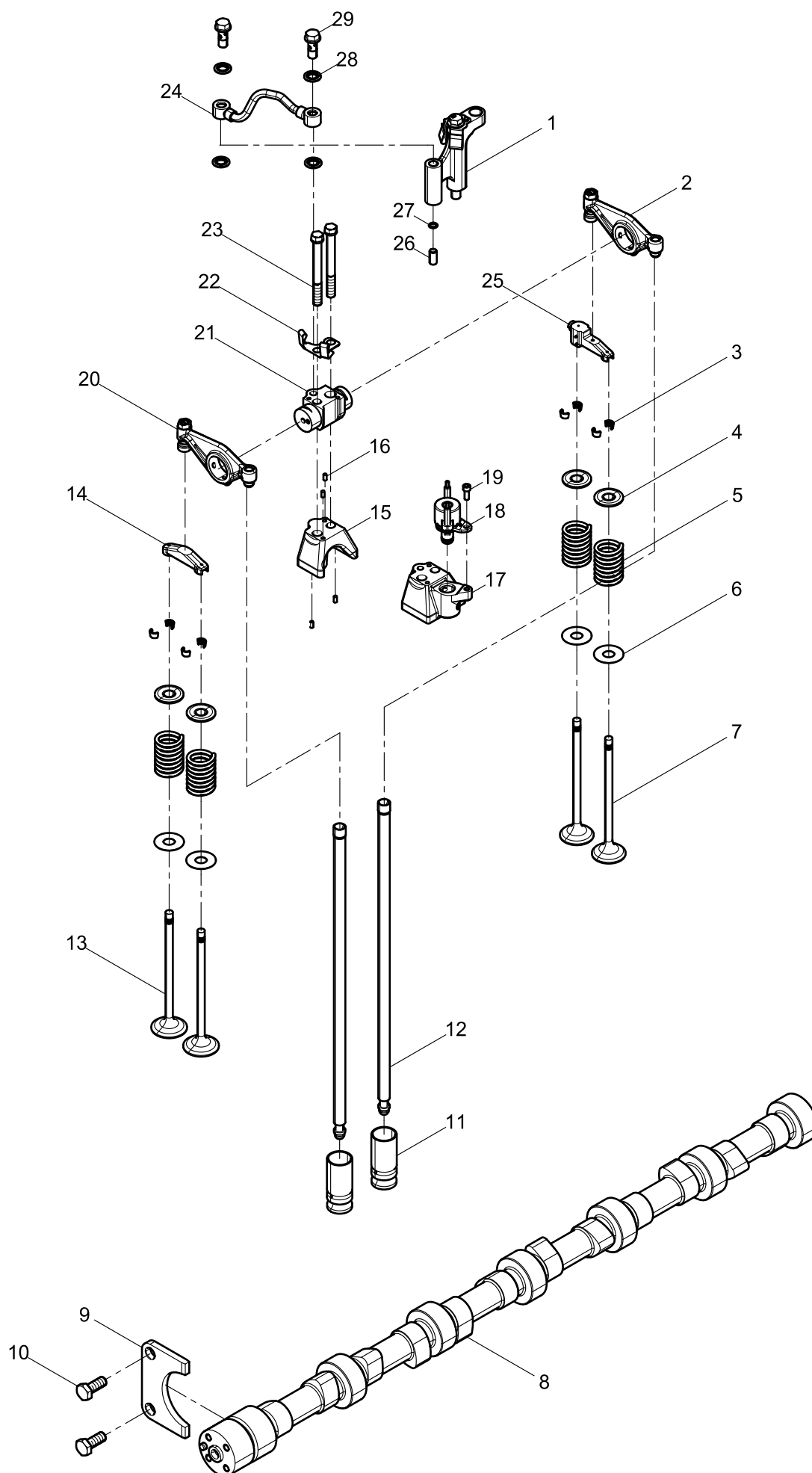
配气机构结合组(Valve Train Group)



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	1001421651	6	EVb支架总成	EVb Bracket Assembly
2	612630050109	6	排气摇臂总成	Exhaust Rocker Arm Assembly
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	12	气门弹簧下座	Valve Spring Bottom Retainer
7	612630050002	12	排气门	Exhaust Valve
8	1000053446	1	凸轮轴总成	Camshaft Assembly
9	612630030002	1	凸轮轴止推片	Camshaft Thrust Plate
10	90003802443S	2	六角头螺栓	Hexagon Head Bolt
11	612630050100	12	挺柱	Tappet
12	1000495066	12	推杆	Push Rod
13	612630050001	12	进气门	Intake Valve
14	612630050009	6	气门桥	Valve Bridge
15	1000570243	4	摇臂轴座	Rocker Arm Shaft Seat
16	612639000087	24	圆柱销	Parallel Pin
17	1000570245	2	摇臂轴座总成	Rocker Arm Shaft Seat Assembly
18	612630190017	2	电磁阀总成	Electromagnetic Valve Assembly
19	90013050006S	2	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
20	1000881645	6	摇臂组件	Rocker Arm Set
21	1000570248	6	摇臂轴组件	Rocker Arm Shaft Set
22	1000719455	2	线束支架	Harness Bracket
23	612639000102	12	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
24	1000721163	6	EVb润滑油管总成	EVb Oil-inlet Pipe Assembly
25	1000195591	6	排气门桥组件	Exhaust Valve Bridge Set
26	612630040249	6	定位套	Dowel Pin
27	90017510083	6	O型橡胶密封圈	O-ring

配气机构结合组(Valve Train Group)

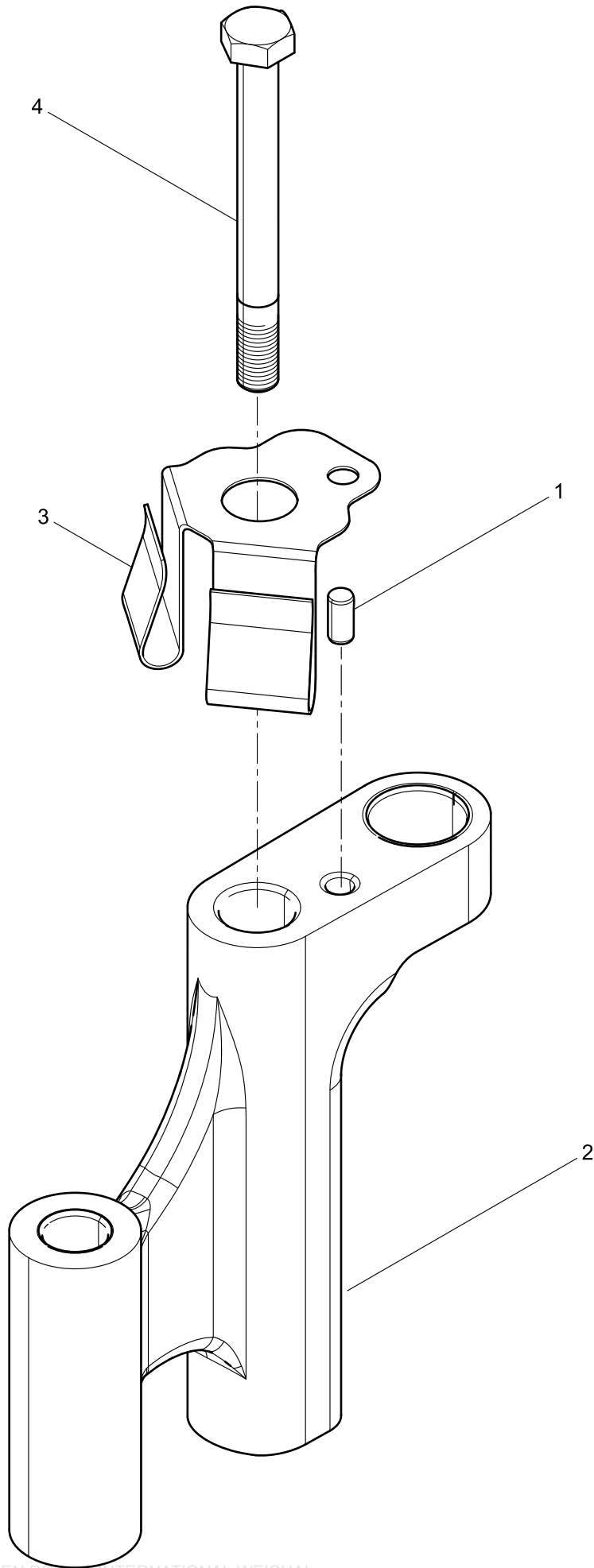




配气机构结合组(Valve Train Group)

[illegible]

EVB支架总成(EVB Bracket Assembly)

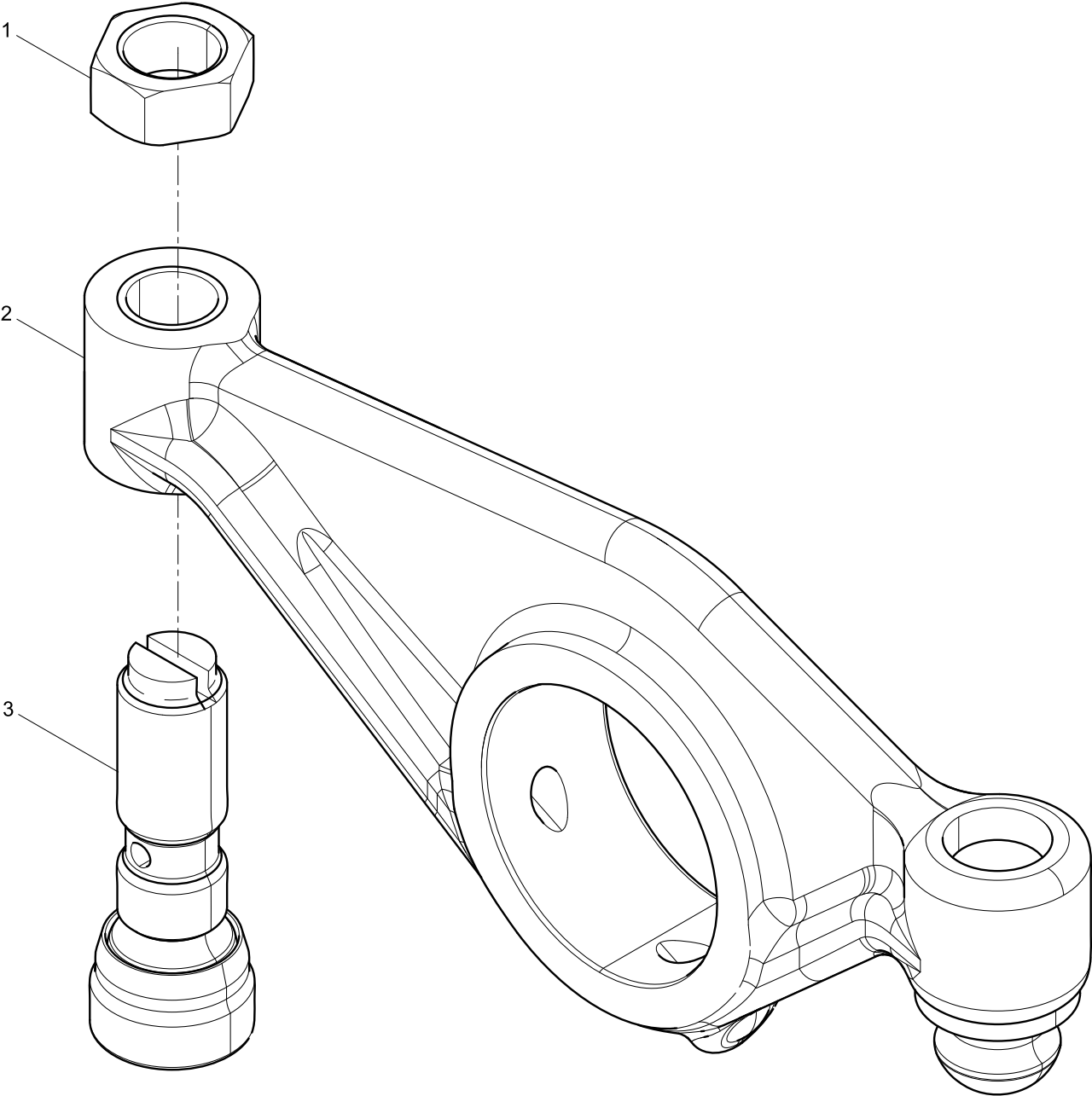




EVB 支架总成(EVB Bracket Assembly)

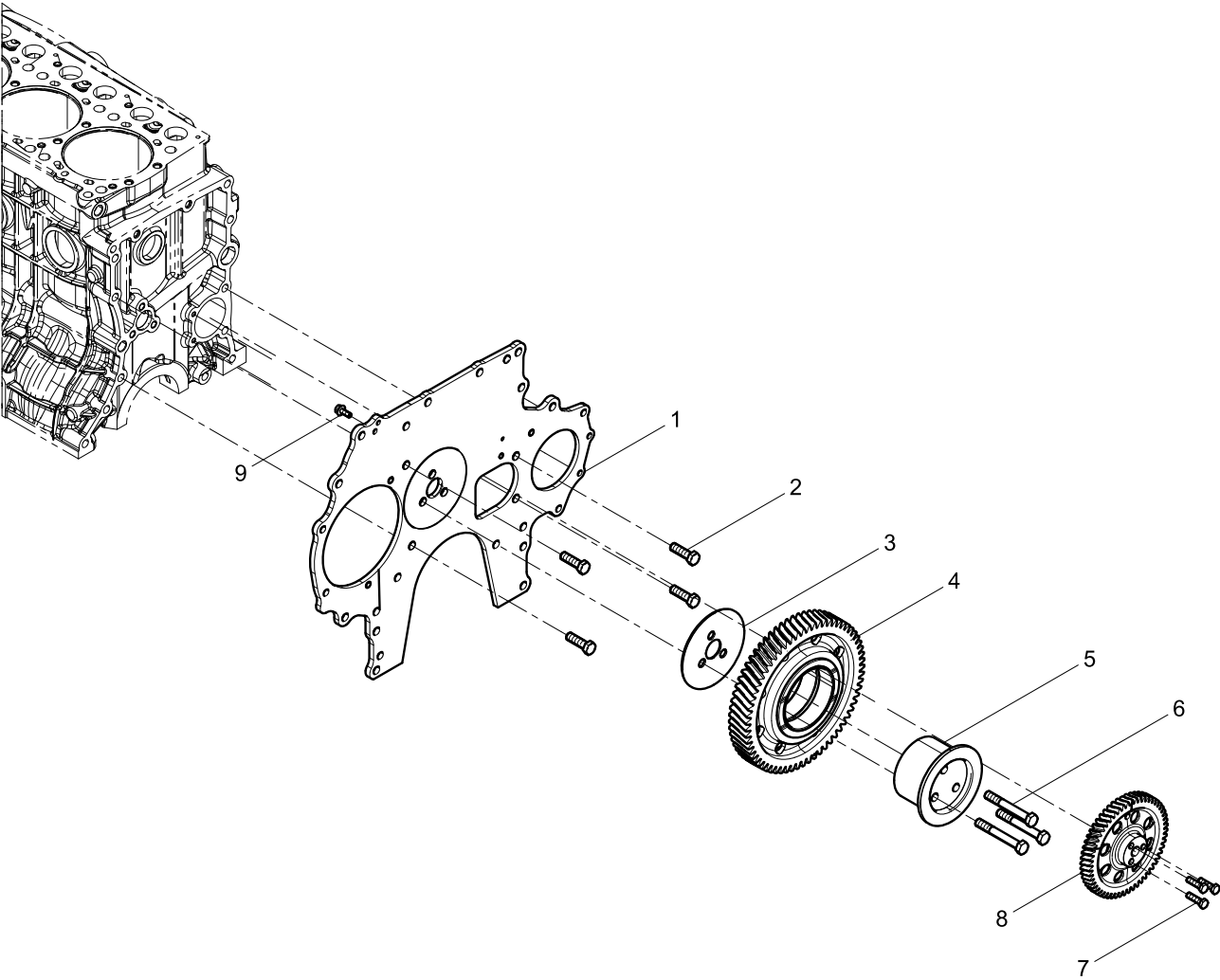
[illegible]

摇臂组件(Rocker Arm Set)



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齿轮传动结合组(Gear Drive Group)

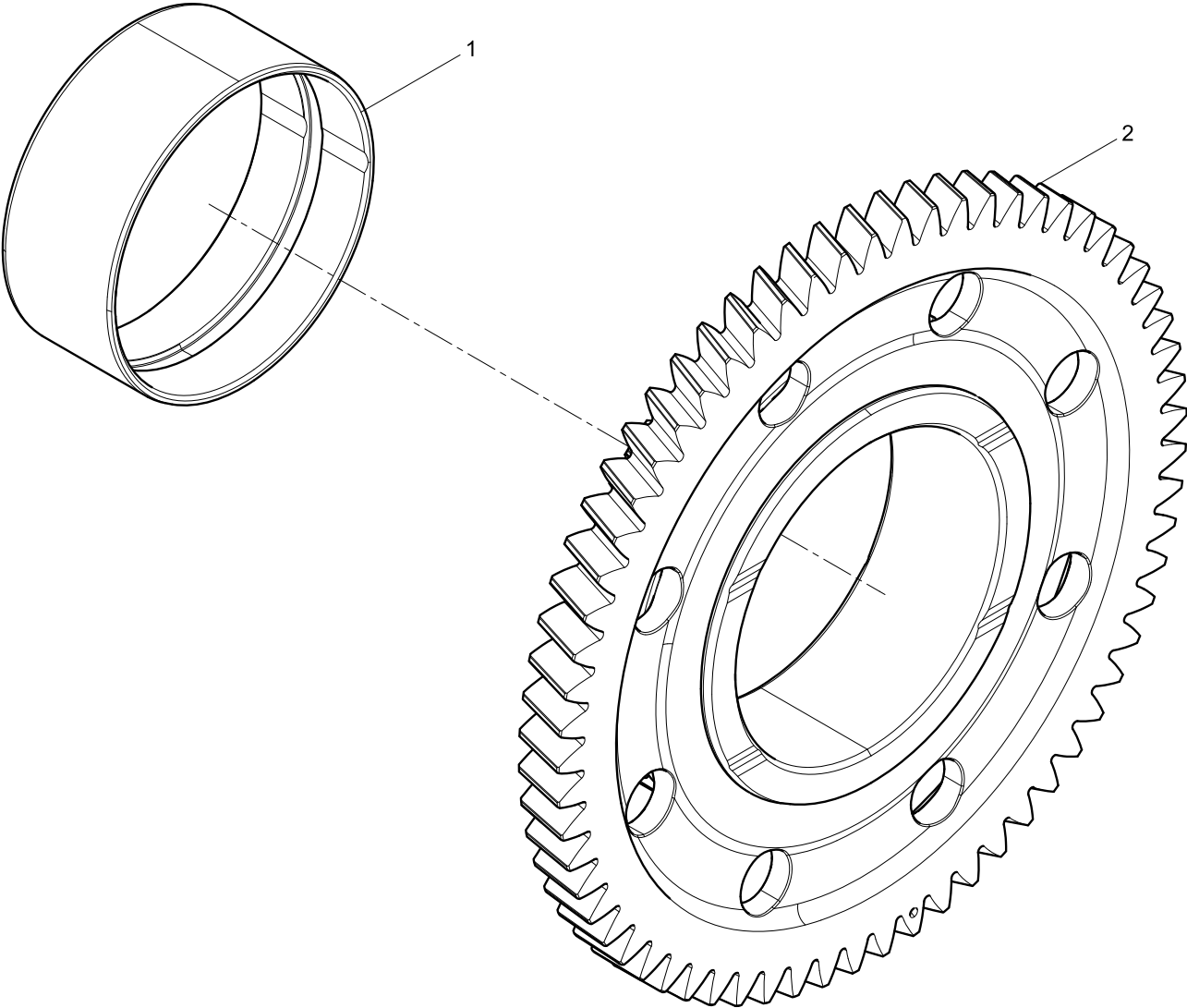




齿轮传动结合组(Gear Drive Group)

[illegible]

中间齿轮组件(Idler Gear Set)

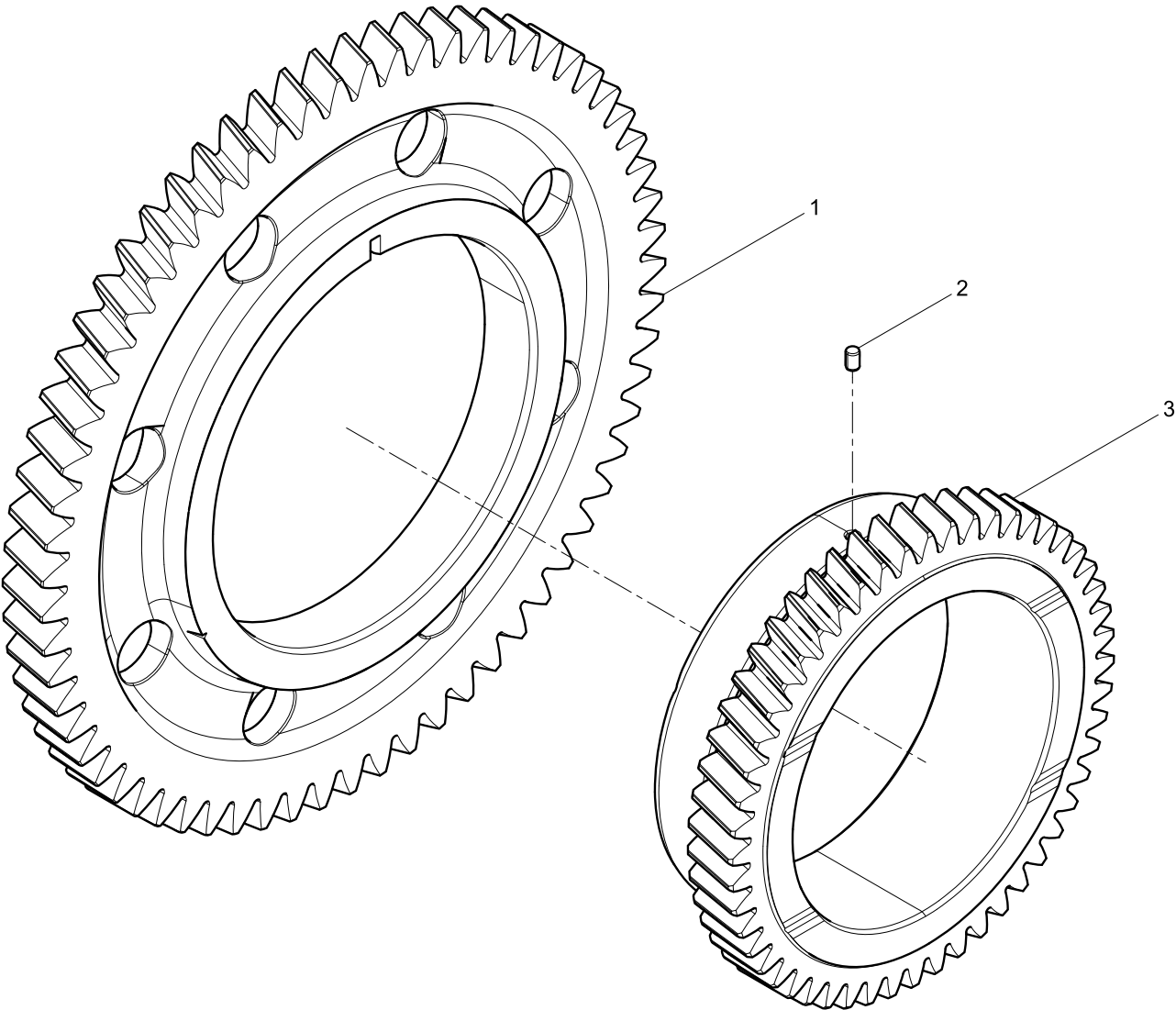




中间齿轮组件(Idler Gear Set)

[illegible]

中间齿轮组件(Idler Gear Set)

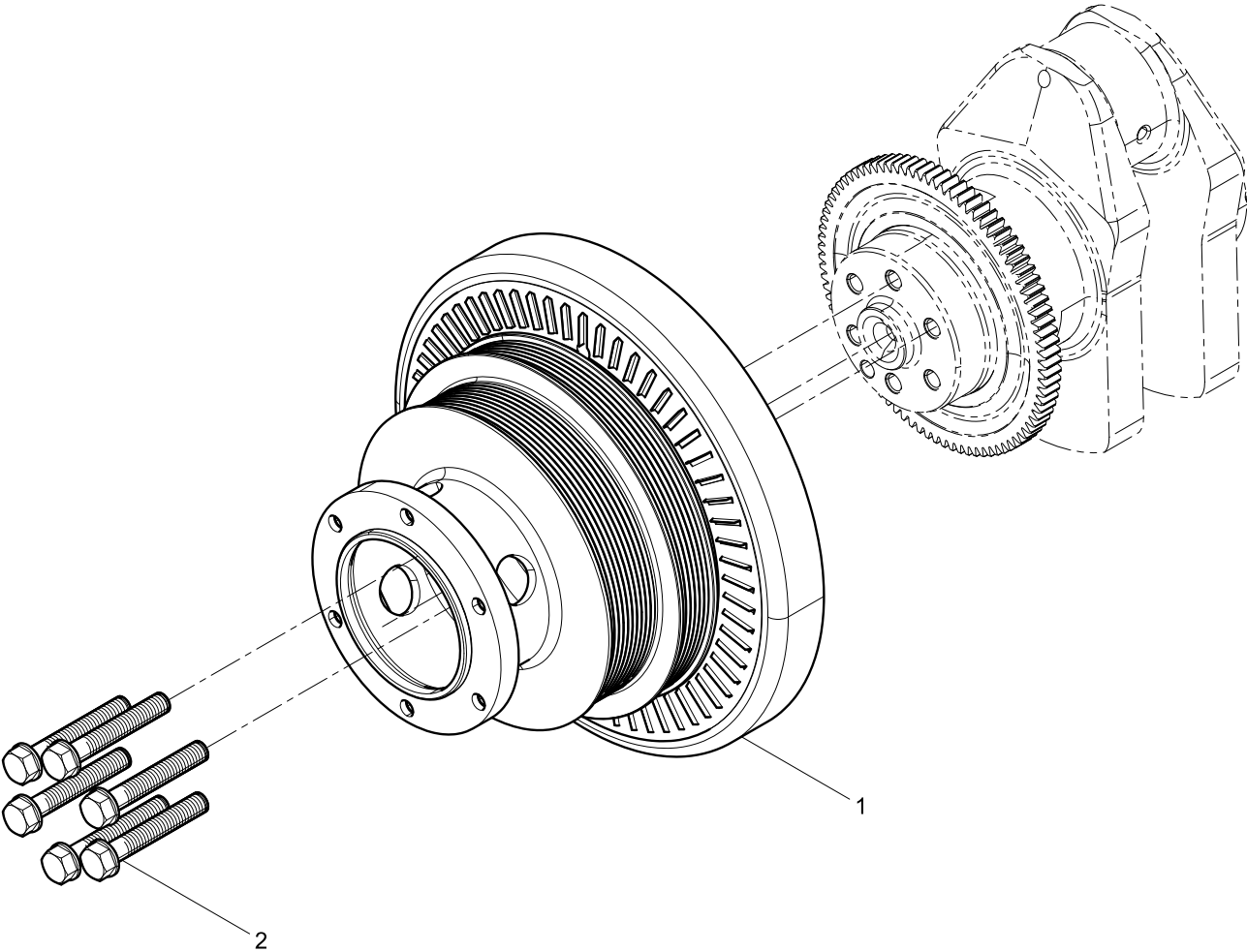




中间齿轮组件(Idler Gear Set)

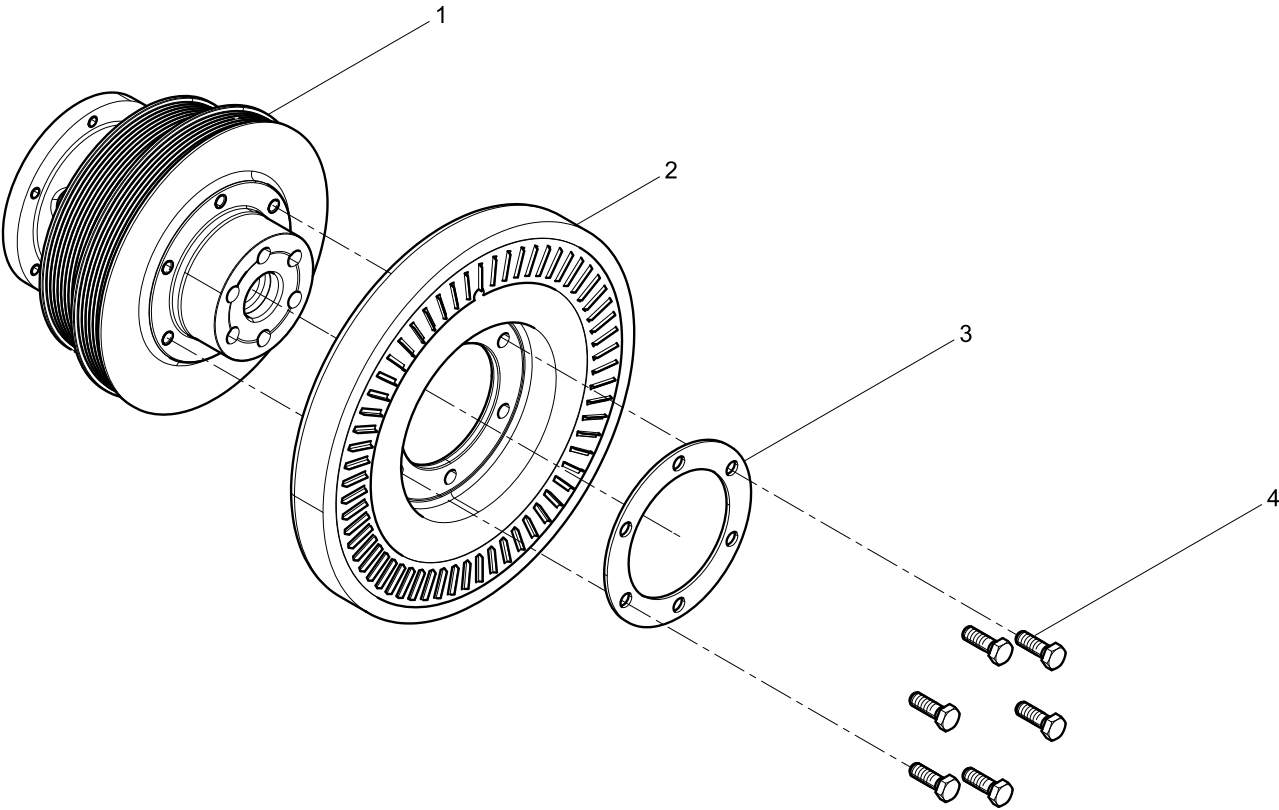
[illegible]

曲轴皮带轮结合组(Crankshaft Pulley Group)



[illegible]

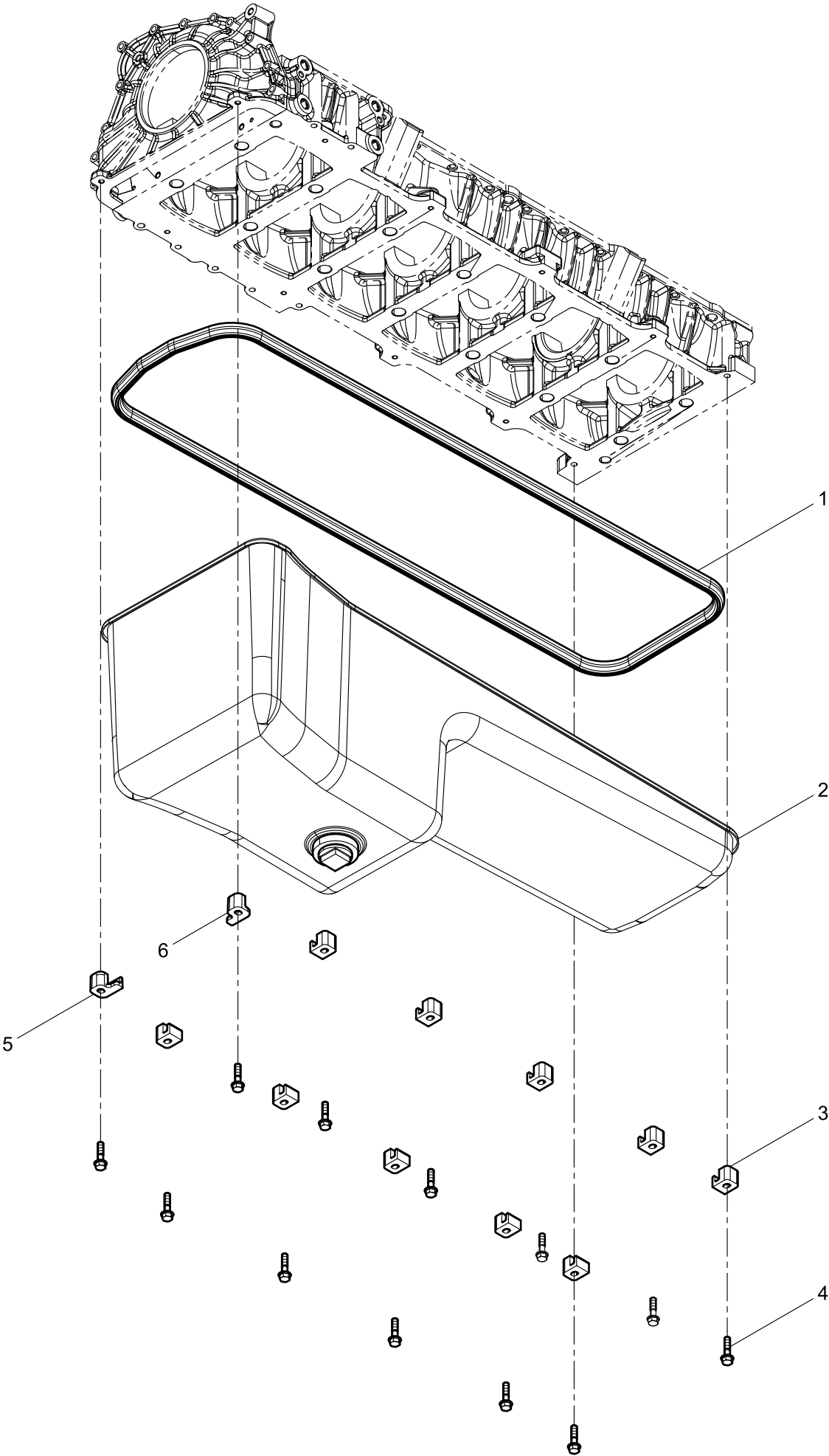
曲轴皮带轮总成(Crankshaft Pulley Assembly)



曲轴皮带轮总成(Crankshaft Pulley Assembly)

[illegible]

油底壳结合组(Oil Pan Group)

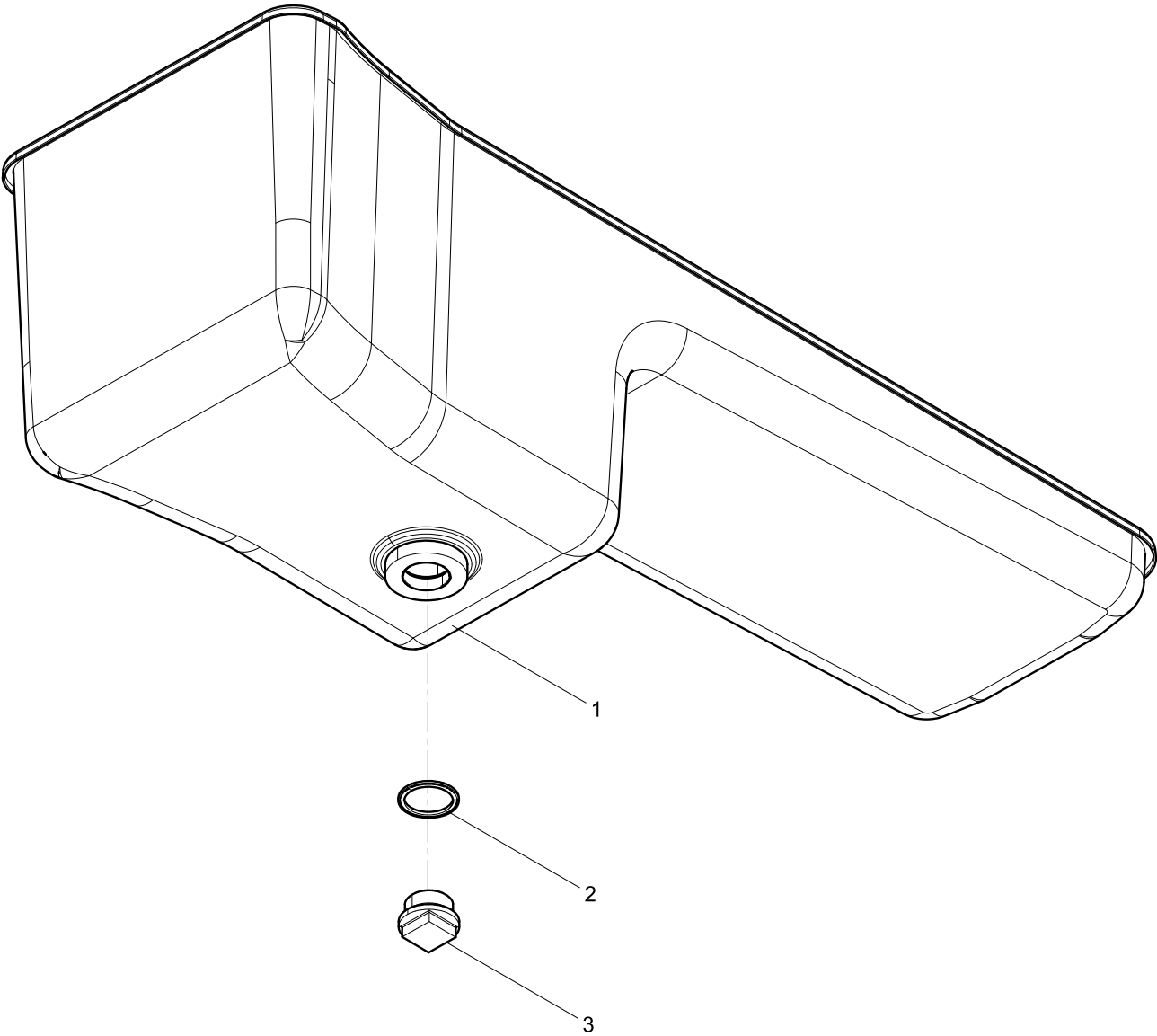




油底壳结合组(Oil Pan Group)

[illegible]

油底壳总成(Oil Pan Assembly)

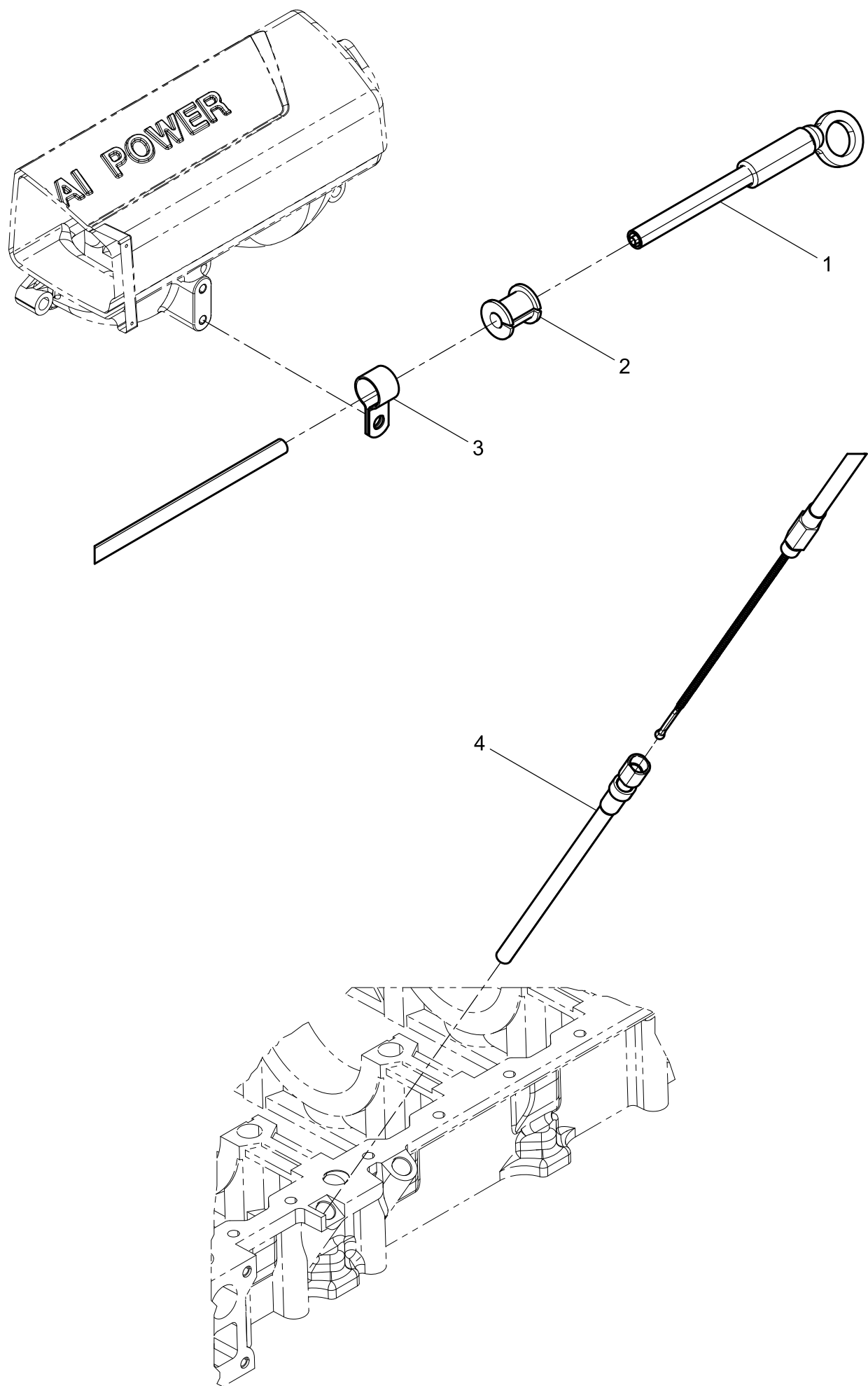




油底壳总成(Oil Pan Assembly)

[illegible]

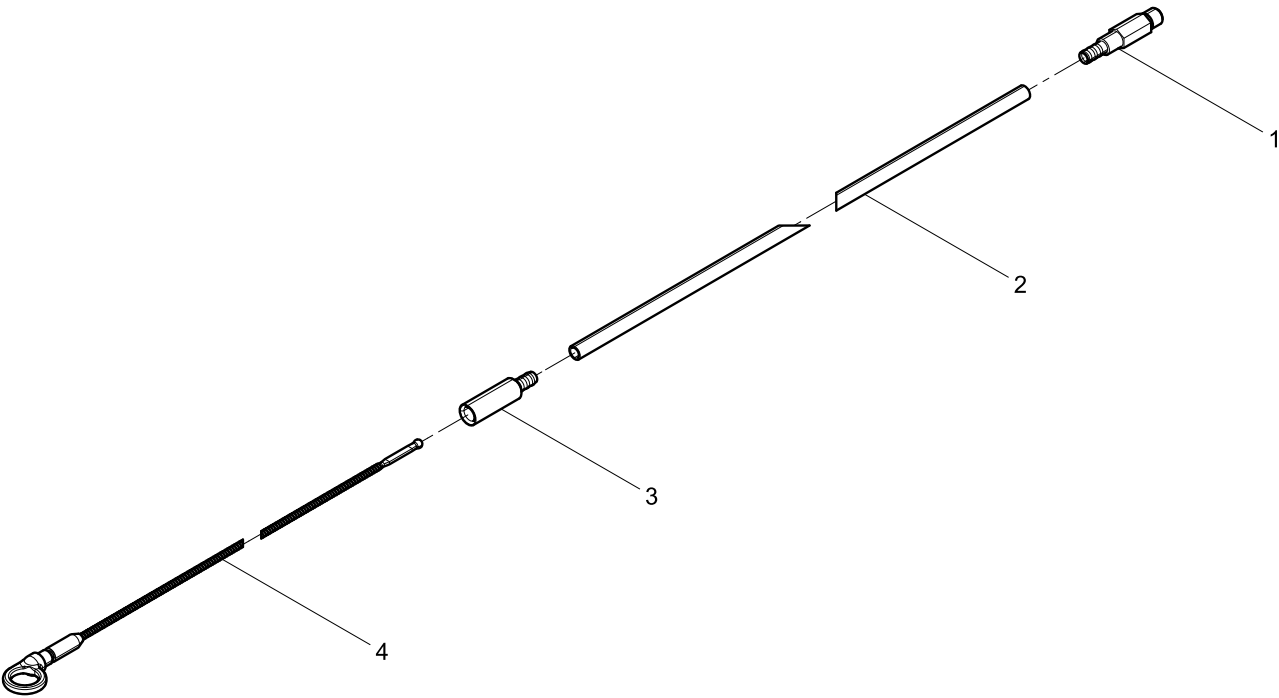
油尺结合组(Dipstick Group)



油尺结合组(Dipstick Group)

[illegible]

油标尺总成(Dipstick Assembly)

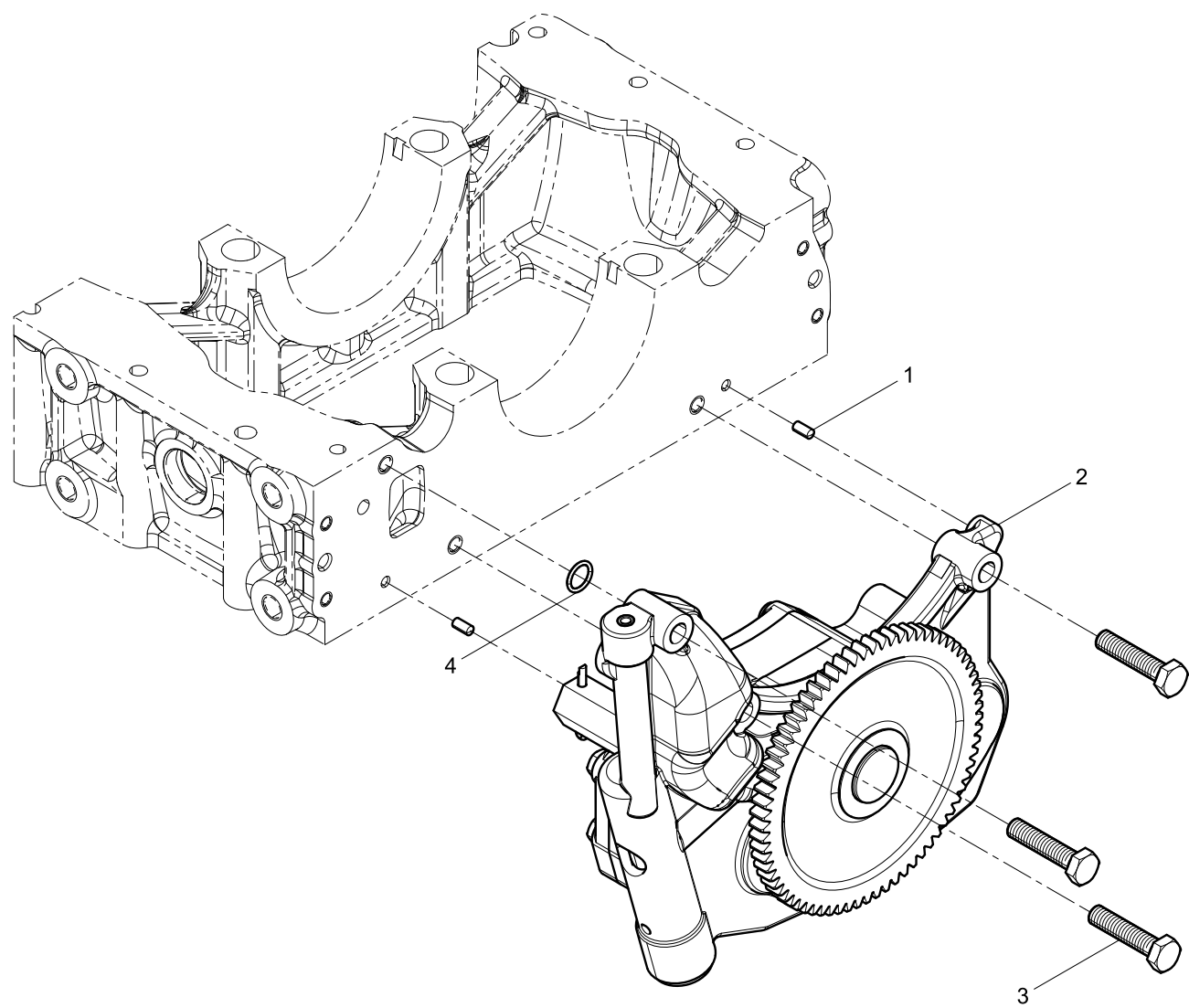




油标尺总成(Dipstick Assembly)

[illegible]

机油泵结合组(Oil Pump Group)

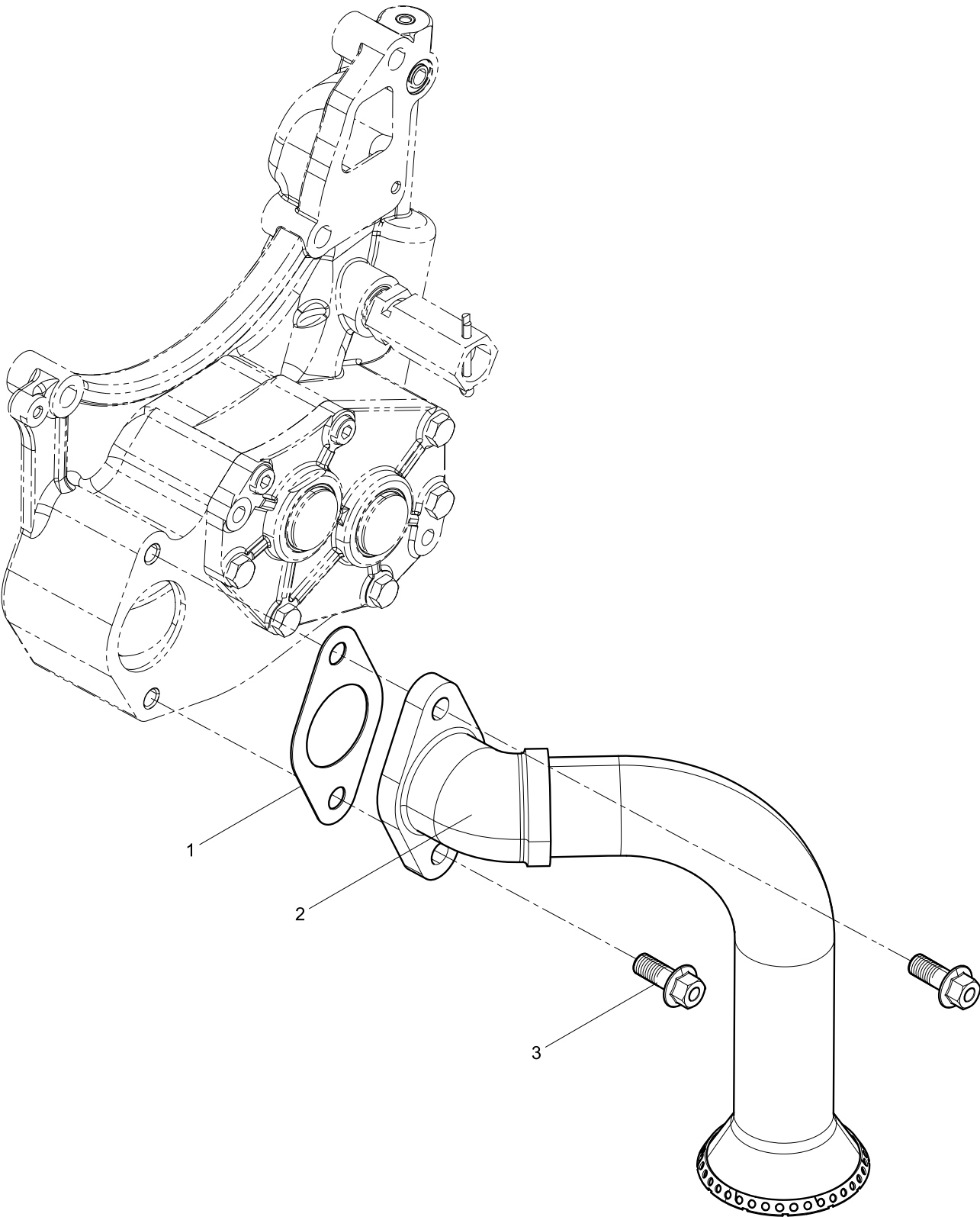




机油泵结合组(Oil Pump Group)

[illegible]

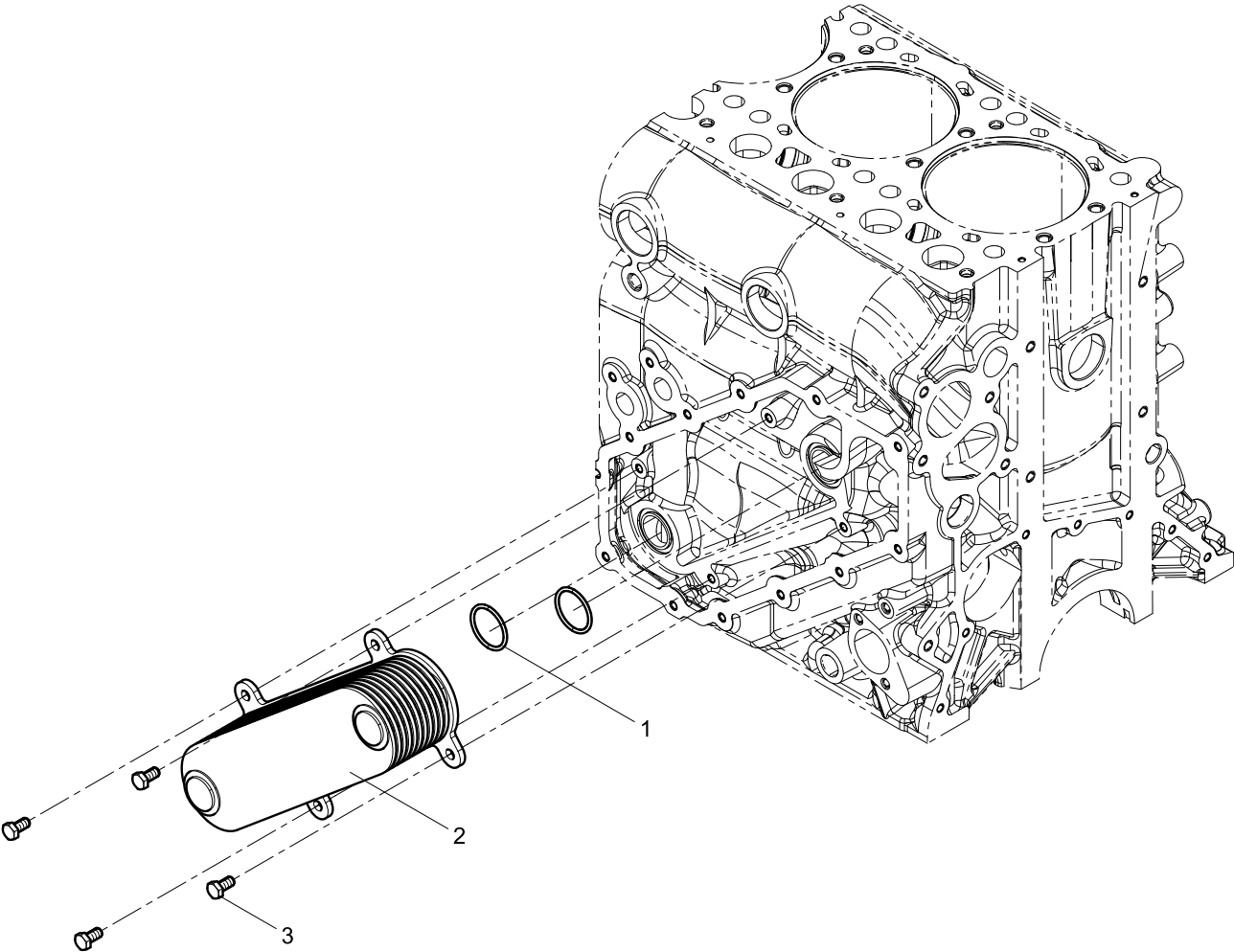
机油集滤器结合组(Oil Strainer Group)



机油集滤器结合组(Oil Strainer Group)

[illegible]

机油冷却器结合组(Oil Cooler Group)

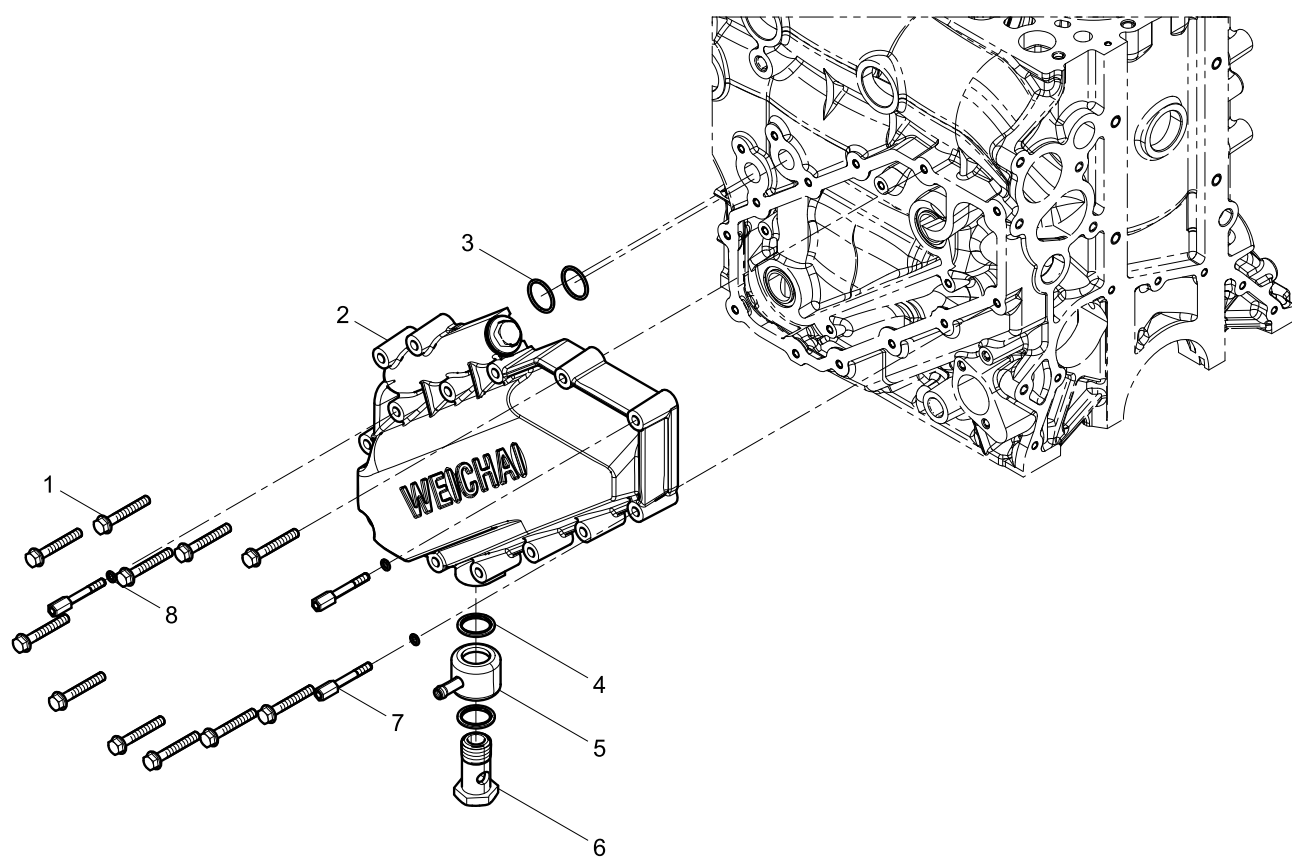




机油冷却器结合组(Oil Cooler Group)

[illegible]

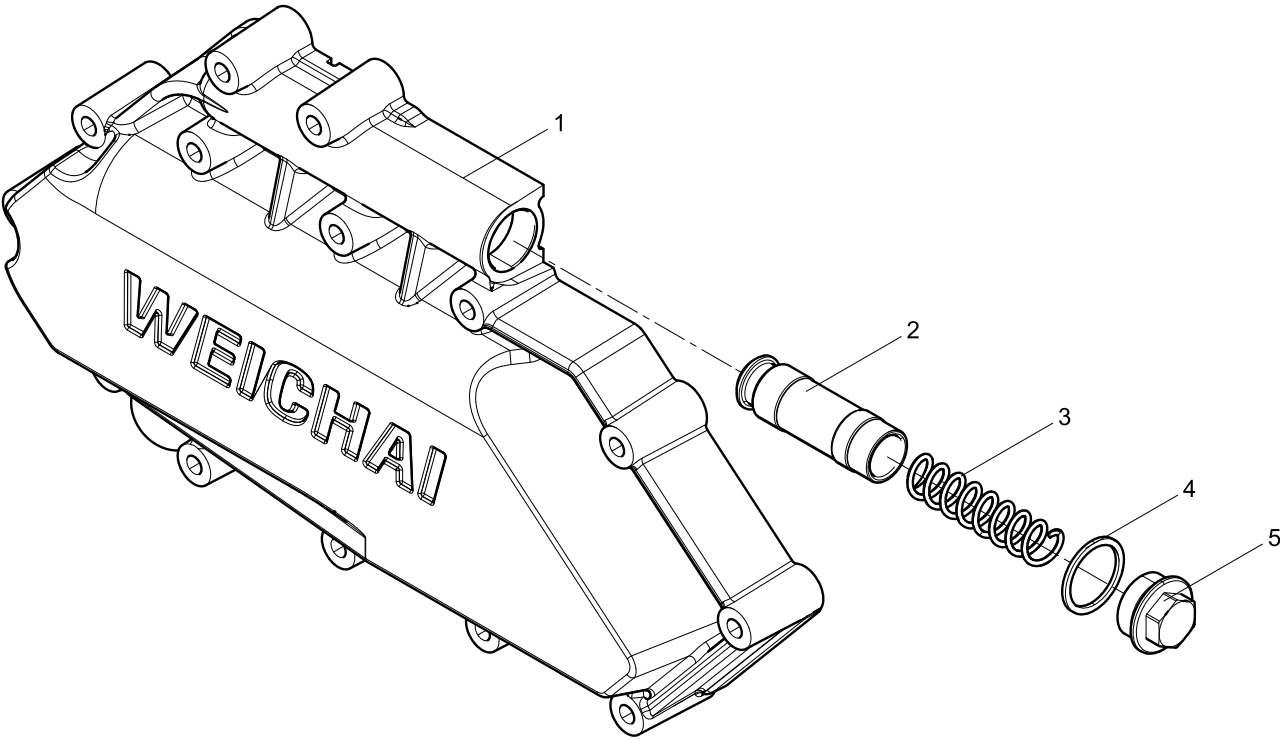
机油冷却器盖结合组(Oil cooler cap Group)



机油冷却器盖结合组(Oil cooler cap Group)

[illegible]

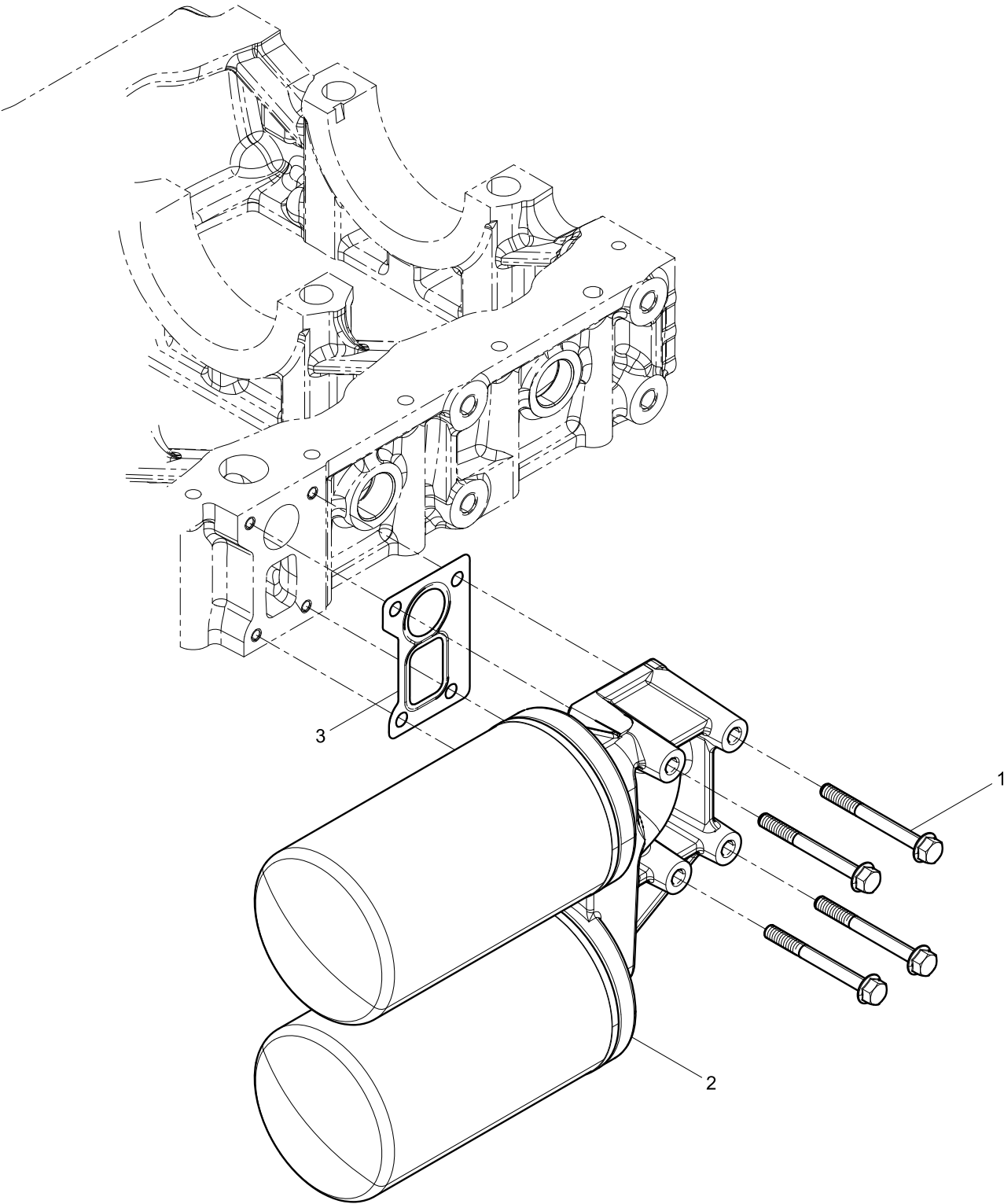
机油冷却器盖总成(Oil Cooler Cap Assembly)



机油冷却器盖总成(Oil Cooler Cap Assembly)

[illegible]

机油滤清器结合组(Oil Filter Group)

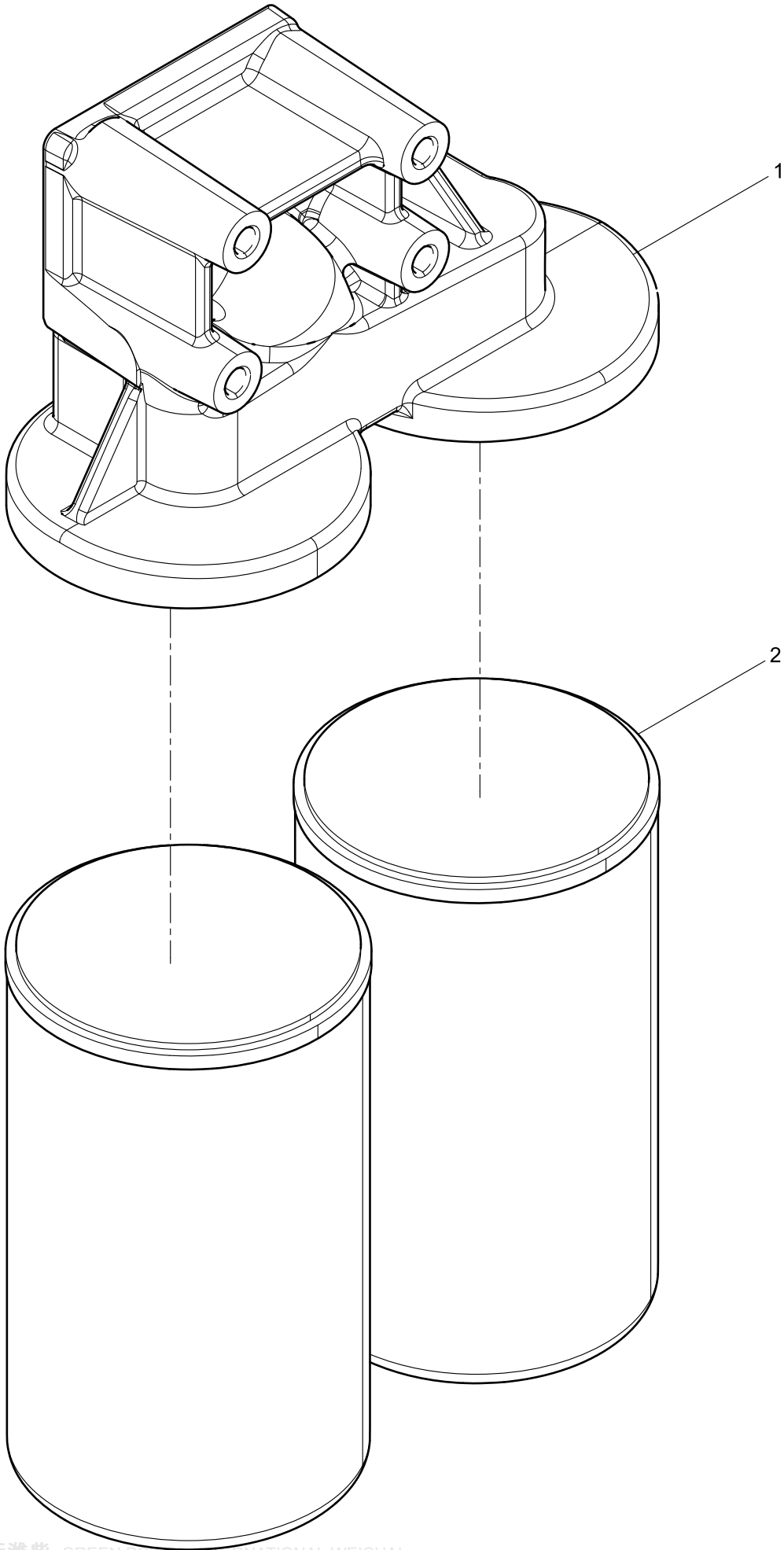




机油滤清器结合组(Oil Filter Group)

[illegible]

机油滤清器(Oil Filter)

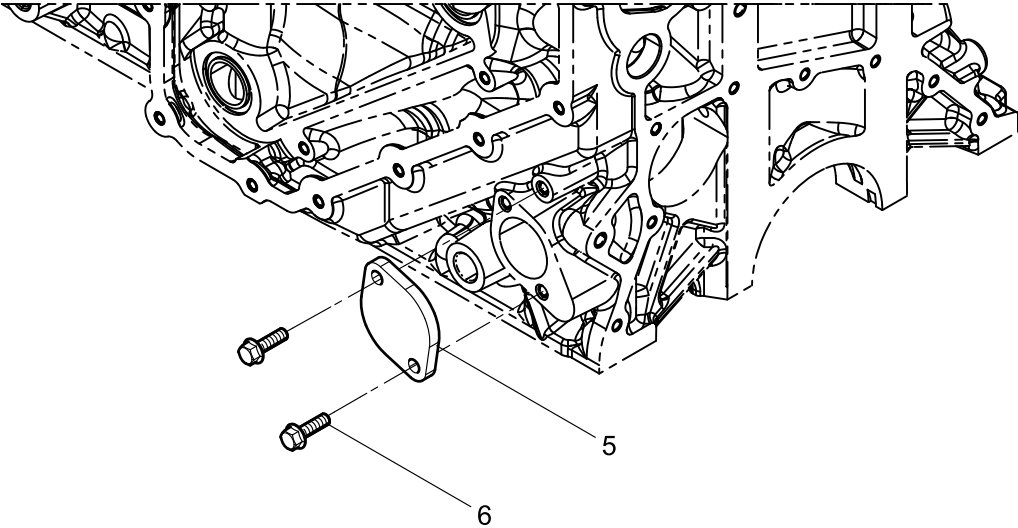
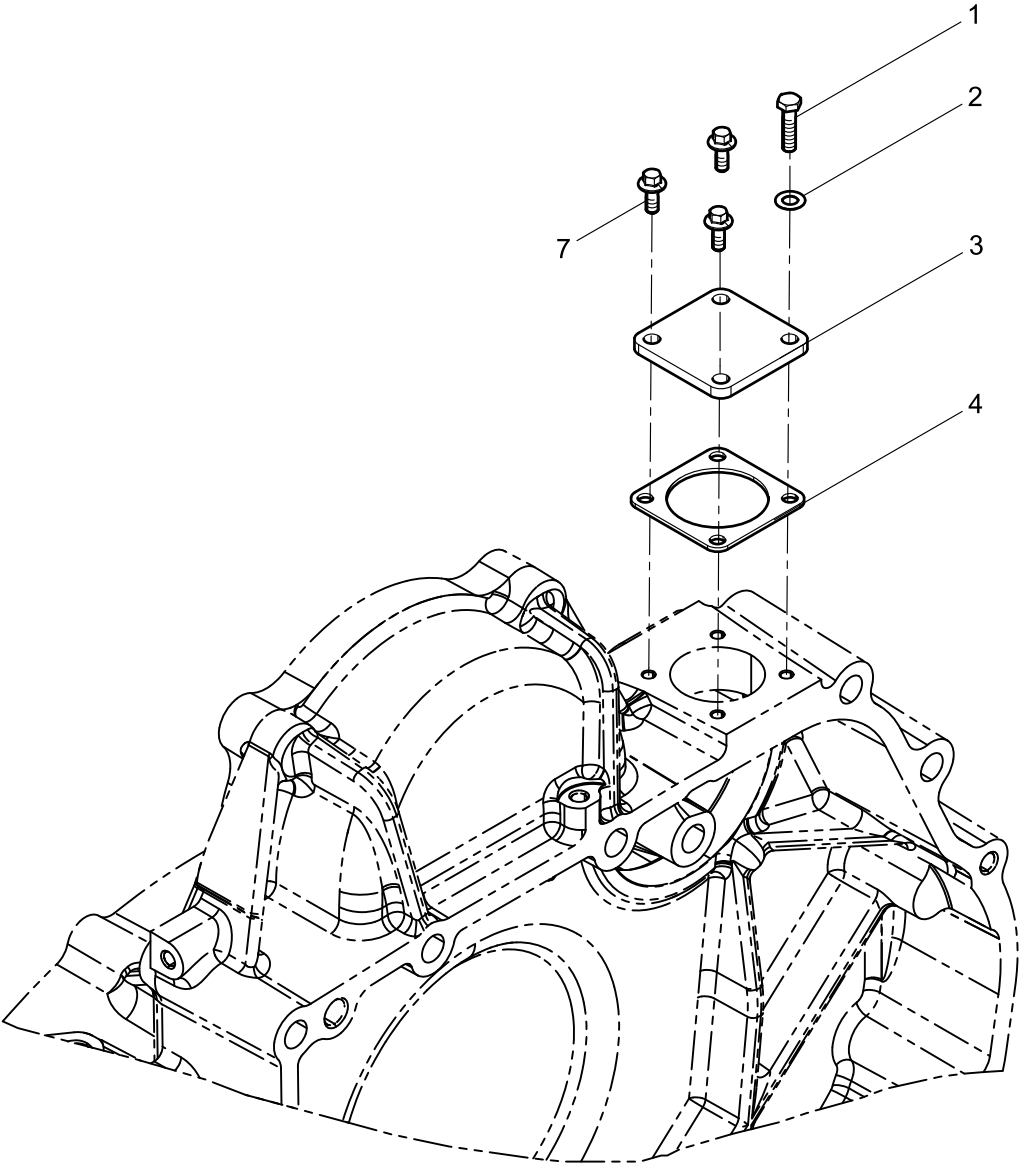




机油滤清器(Oil Filter)

[illegible]

加机油管结合组(Oil Filling Tube Group)

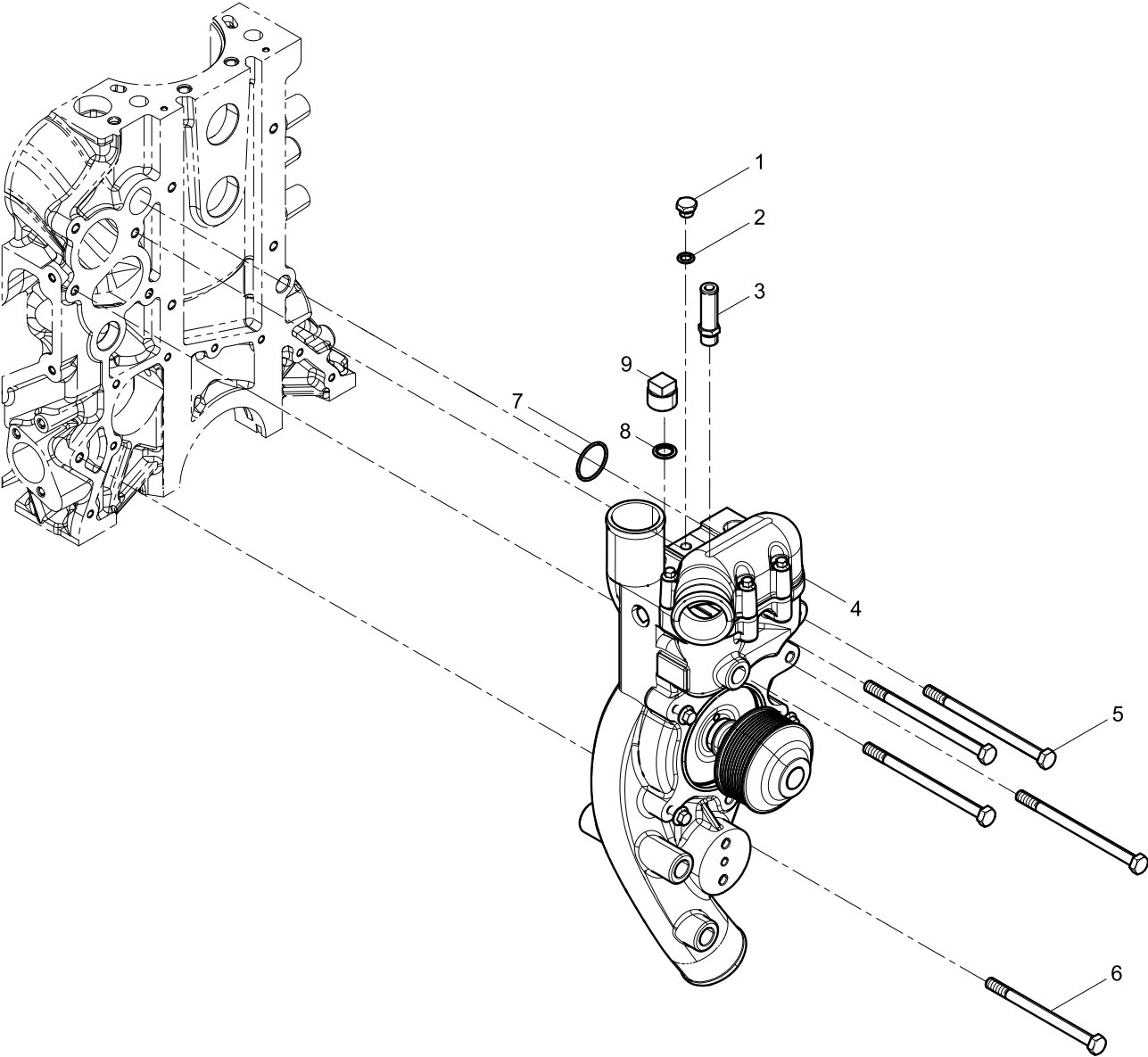




加机油管结合组(Oil Filling Tube Group)

[illegible]

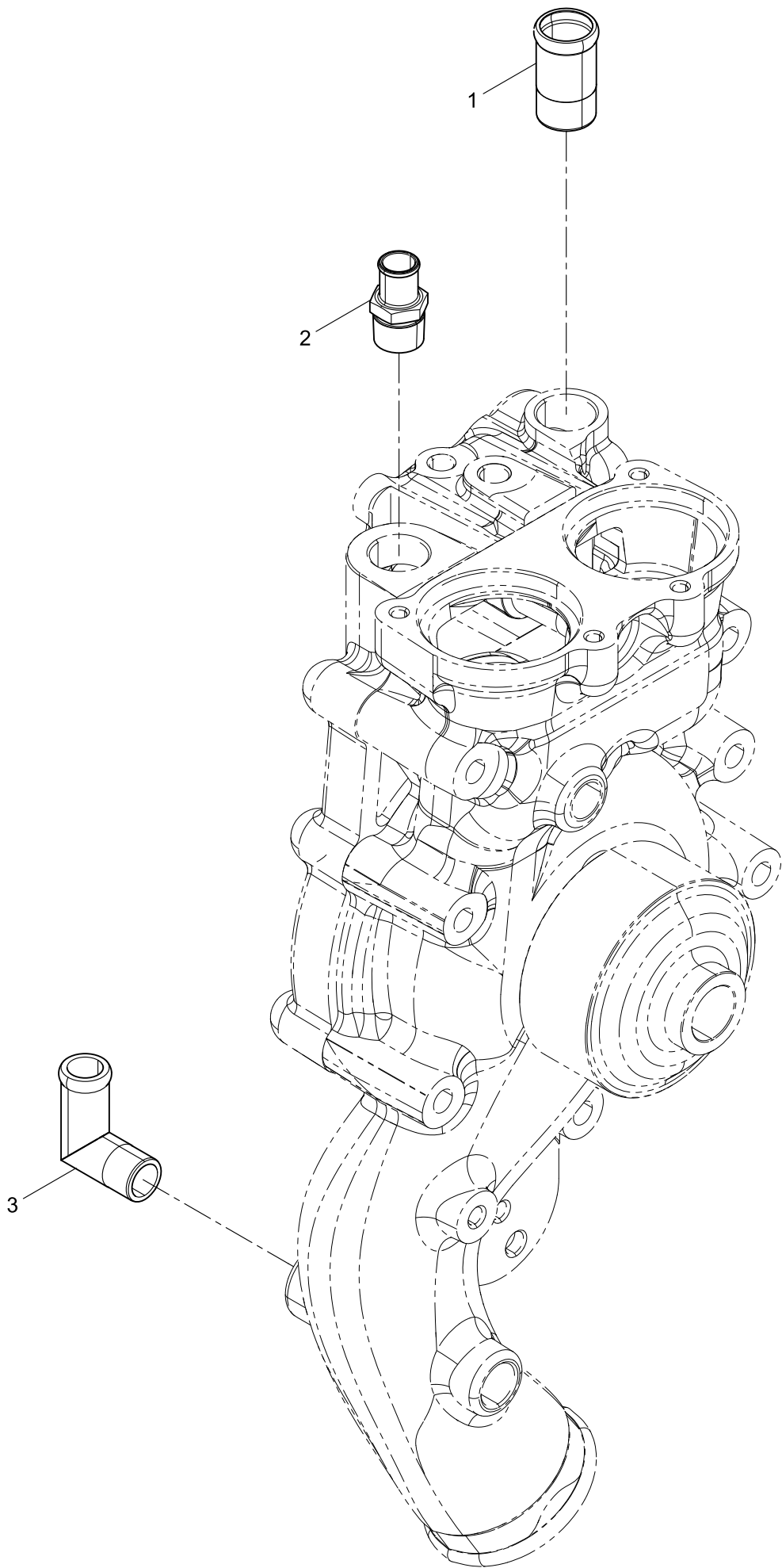
水泵结合组(Water Pump Group)



水泵结合组(Water Pump Group)

[illegible]

水泵进水管接头结合组(Water Pump Inlet Pipe Joint Group)

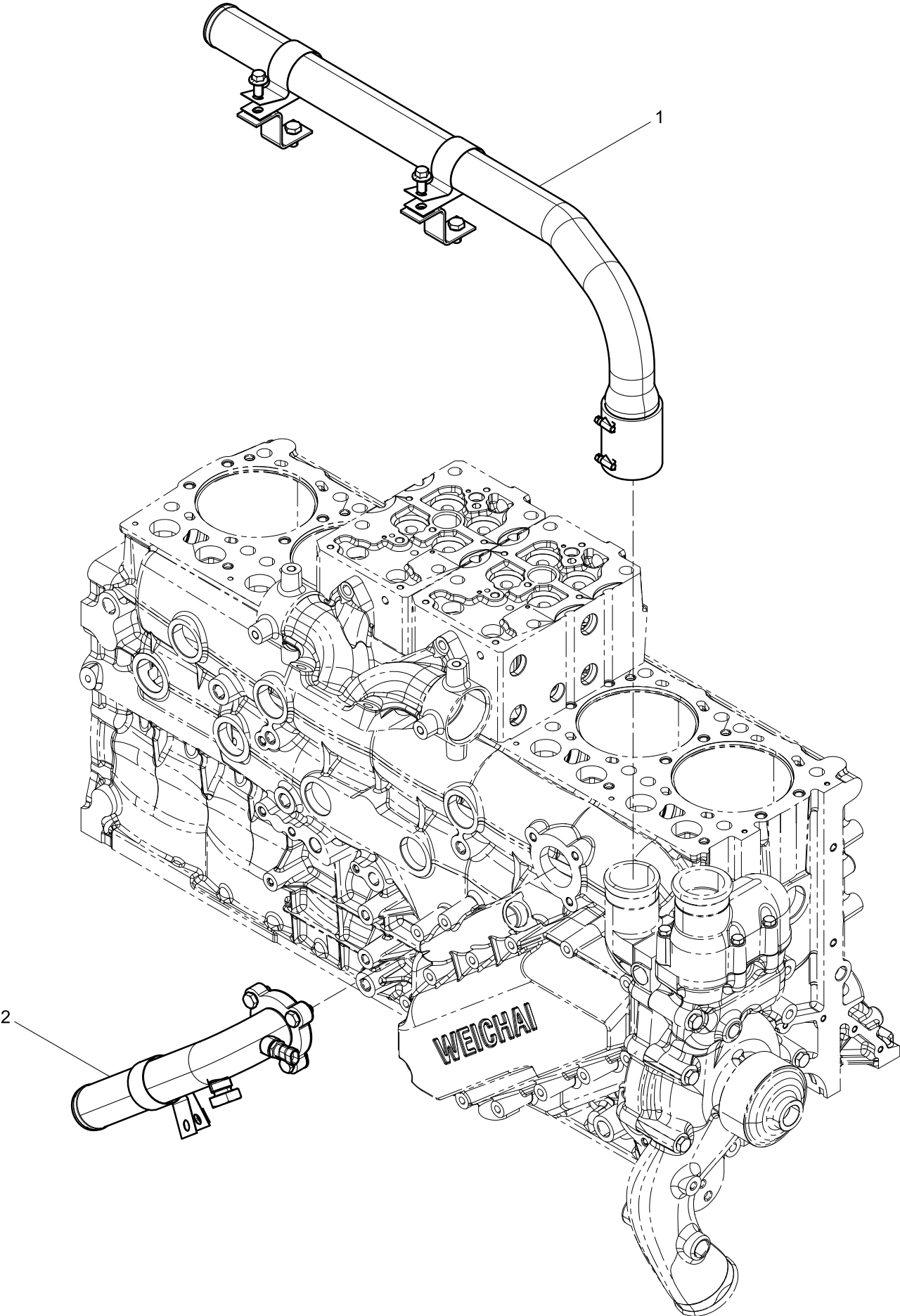




水泵进水管接头结合组(Water Pump Inlet Pipe Joint Group)

[illegible]

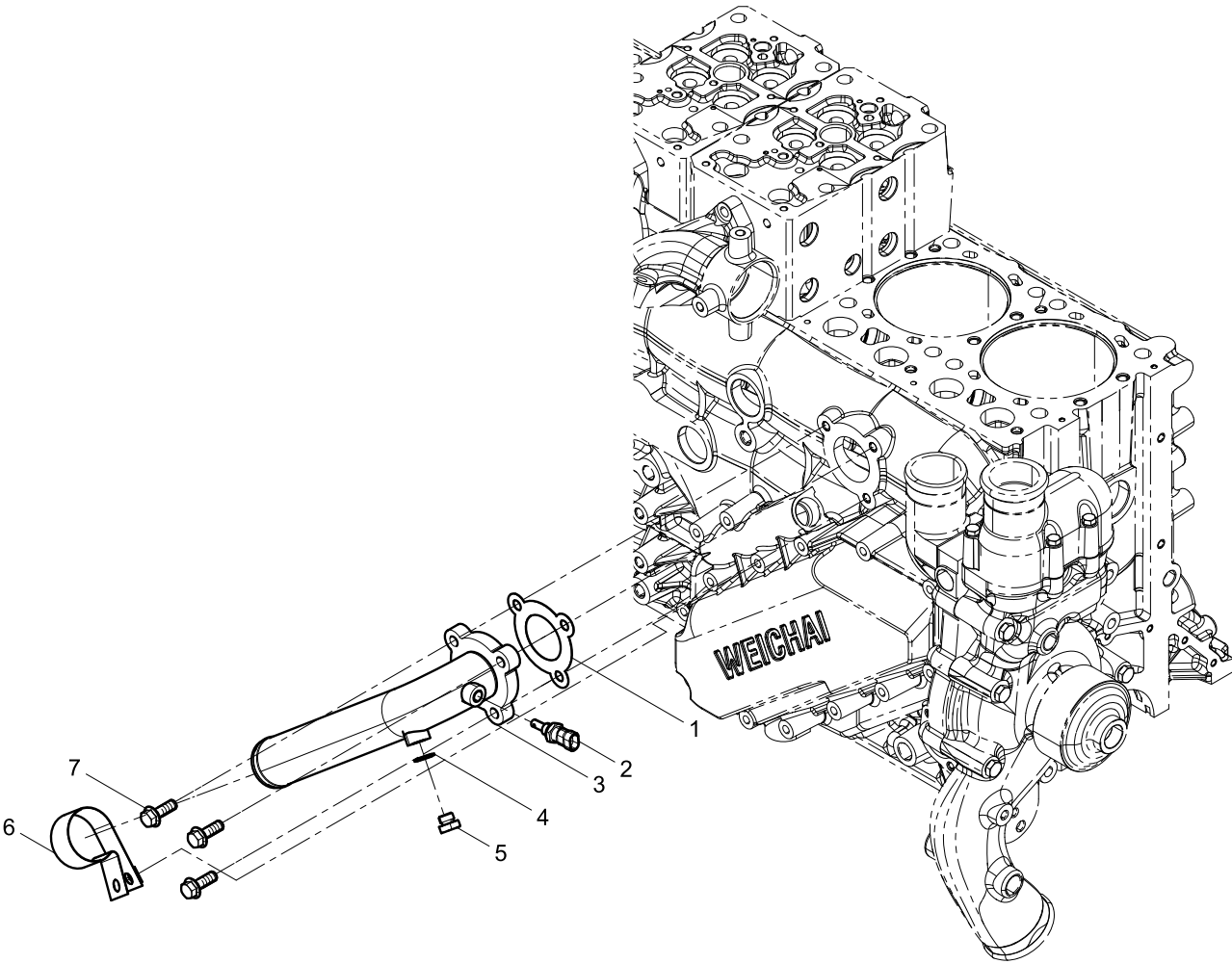
水管结合组(Water Pipe Group)



水管结合组(Water Pipe Group)

[illegible]

出水管组件(Water-outlet Pipe Set)

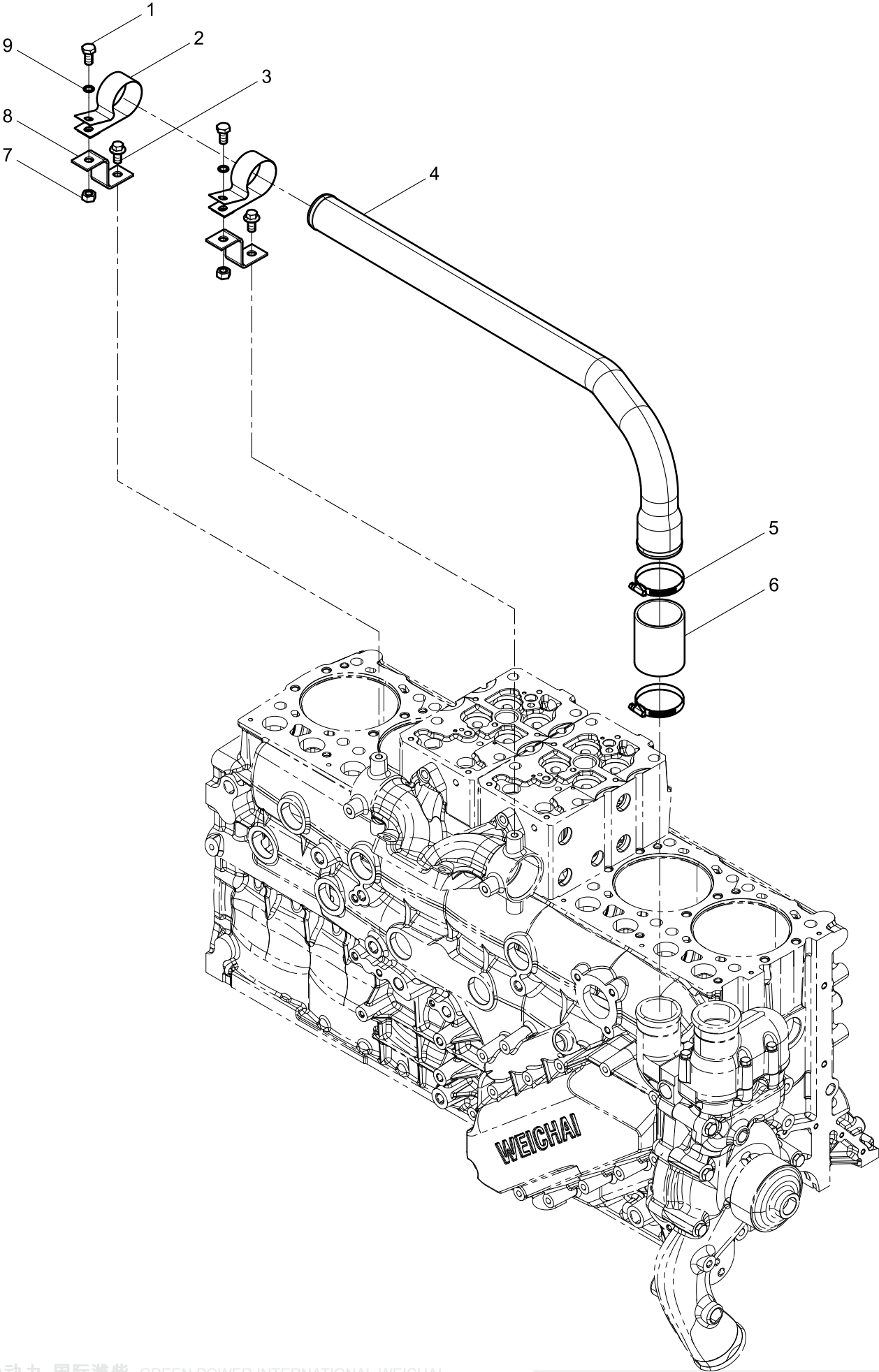




出水管组件(Water-outlet Pipe Set)

[illegible]

回水管总成()

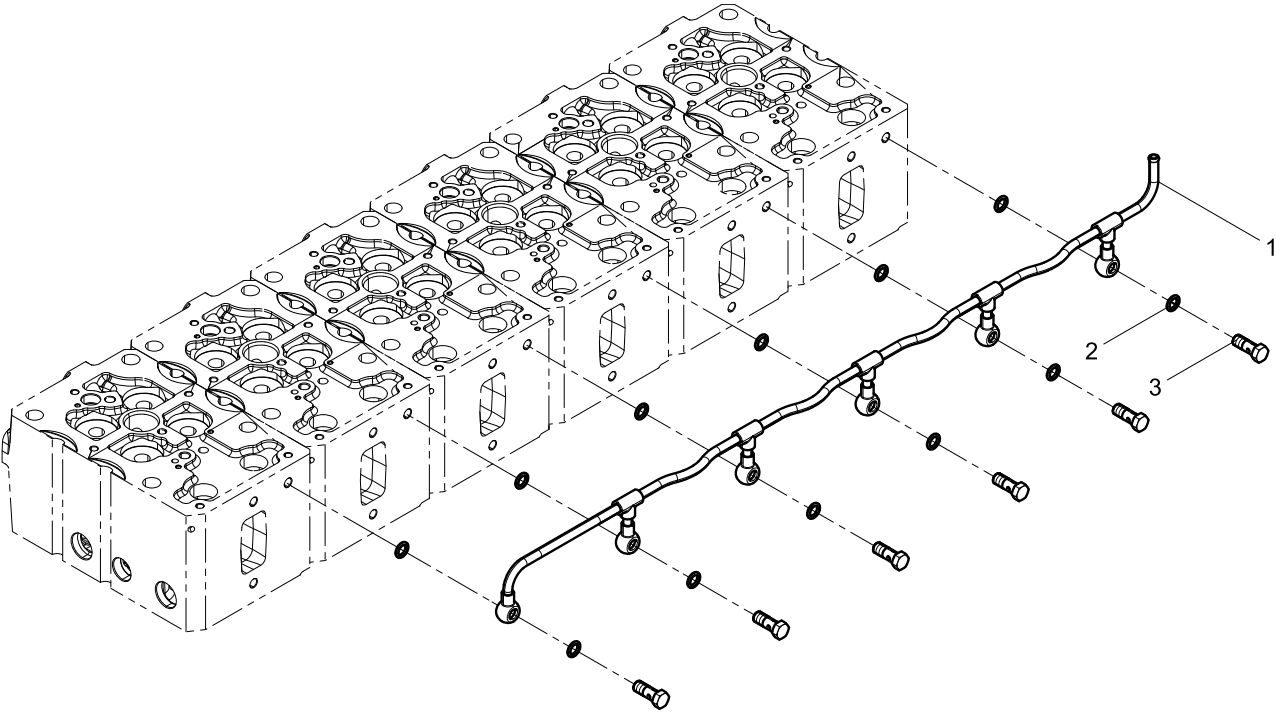




回水管总成()

[illegible]

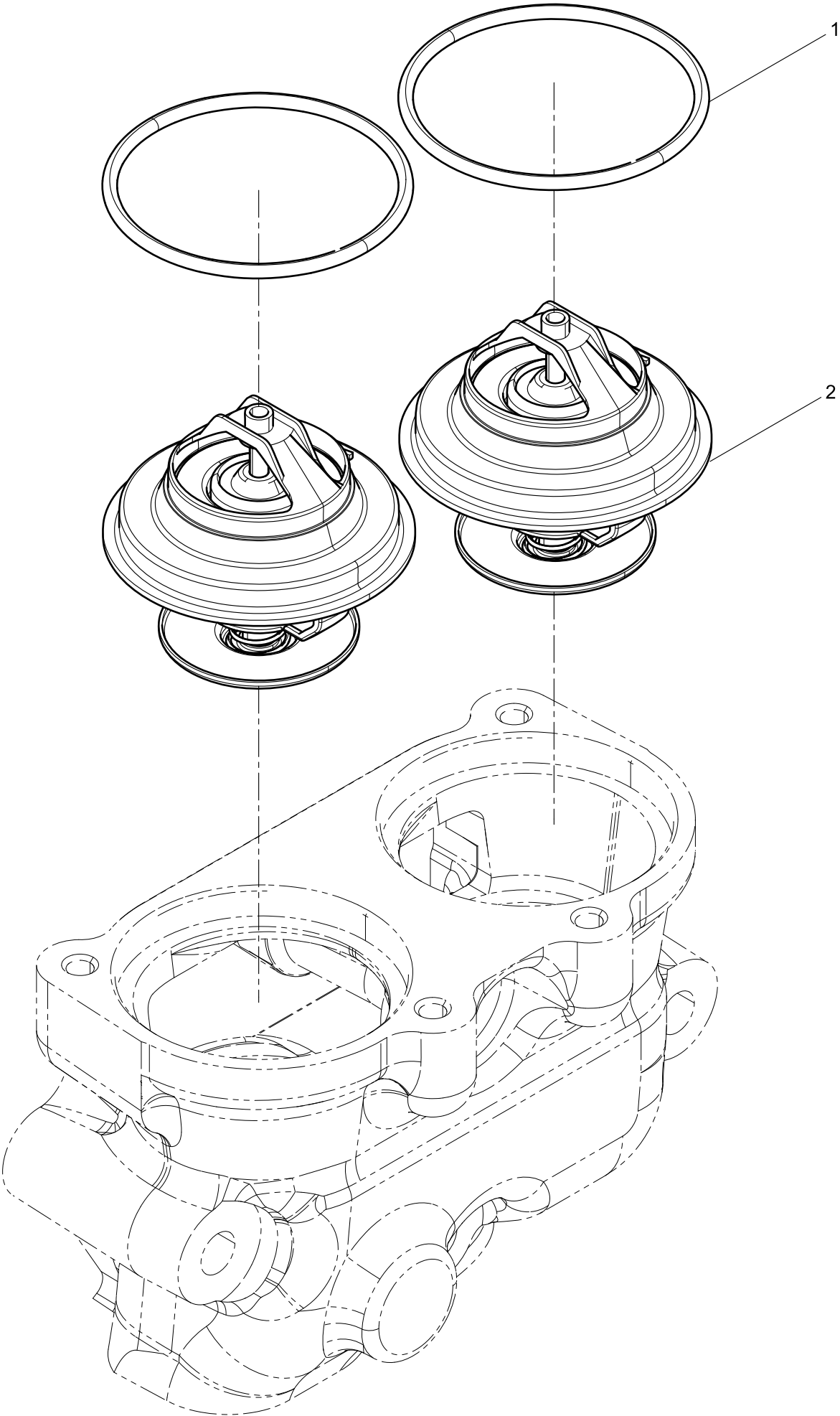
放气管结合组(Venting Pipe Group)



放气管结合组(Venting Pipe Group)

[illegible]

节温器结合组(Thermostat Group)

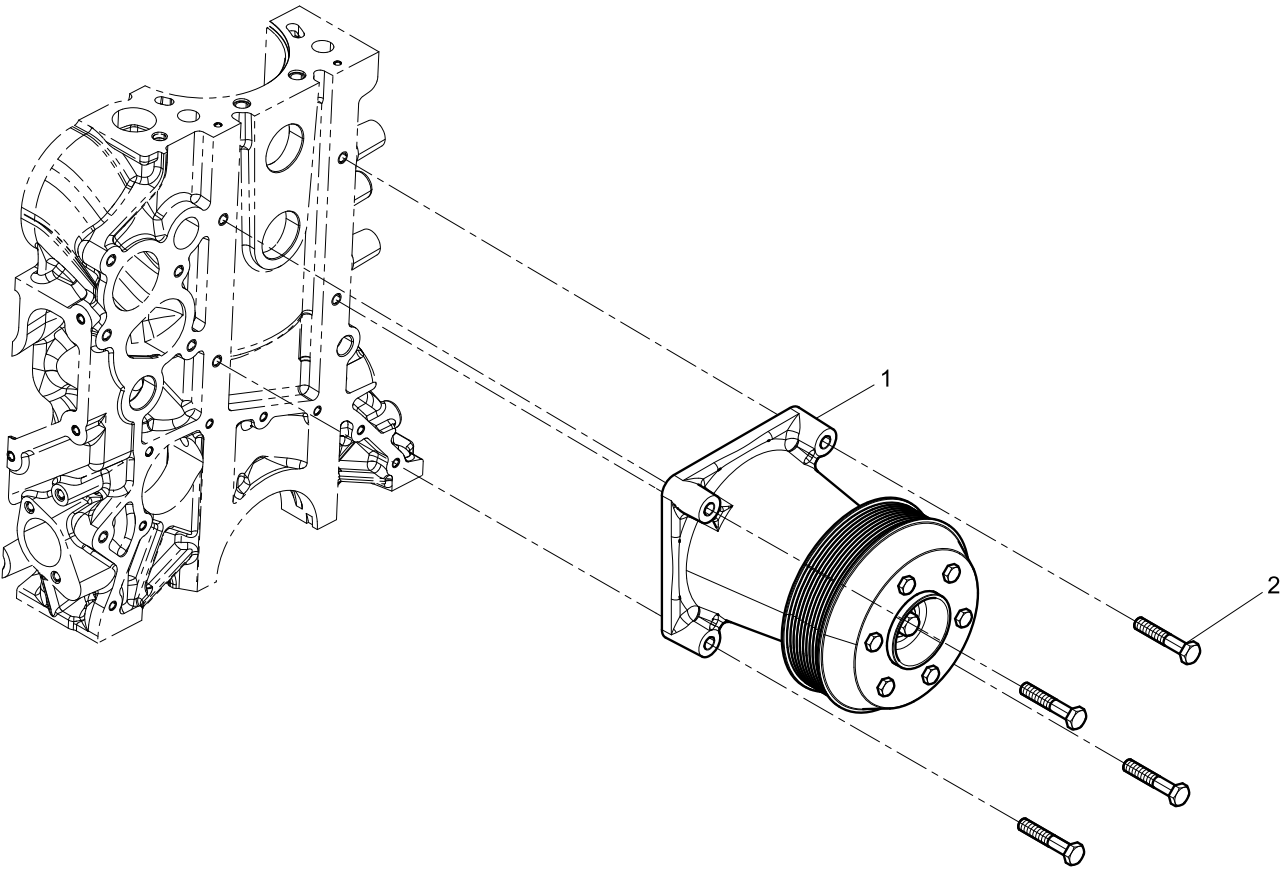




节温器结合组(Thermostat Group)

[illegible]

风扇托架结合组(Fan Bracket Group)

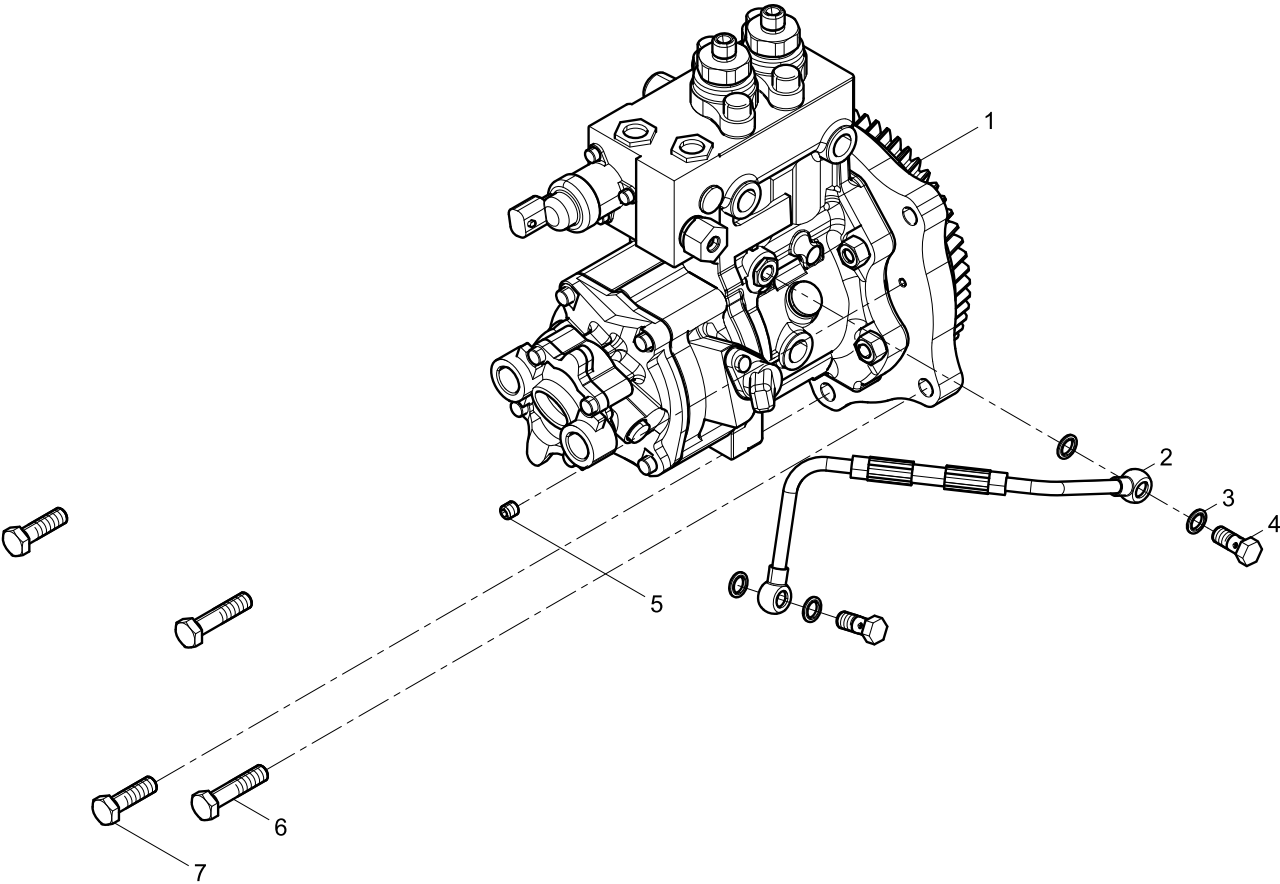




风扇托架结合组(Fan Bracket Group)

[illegible]

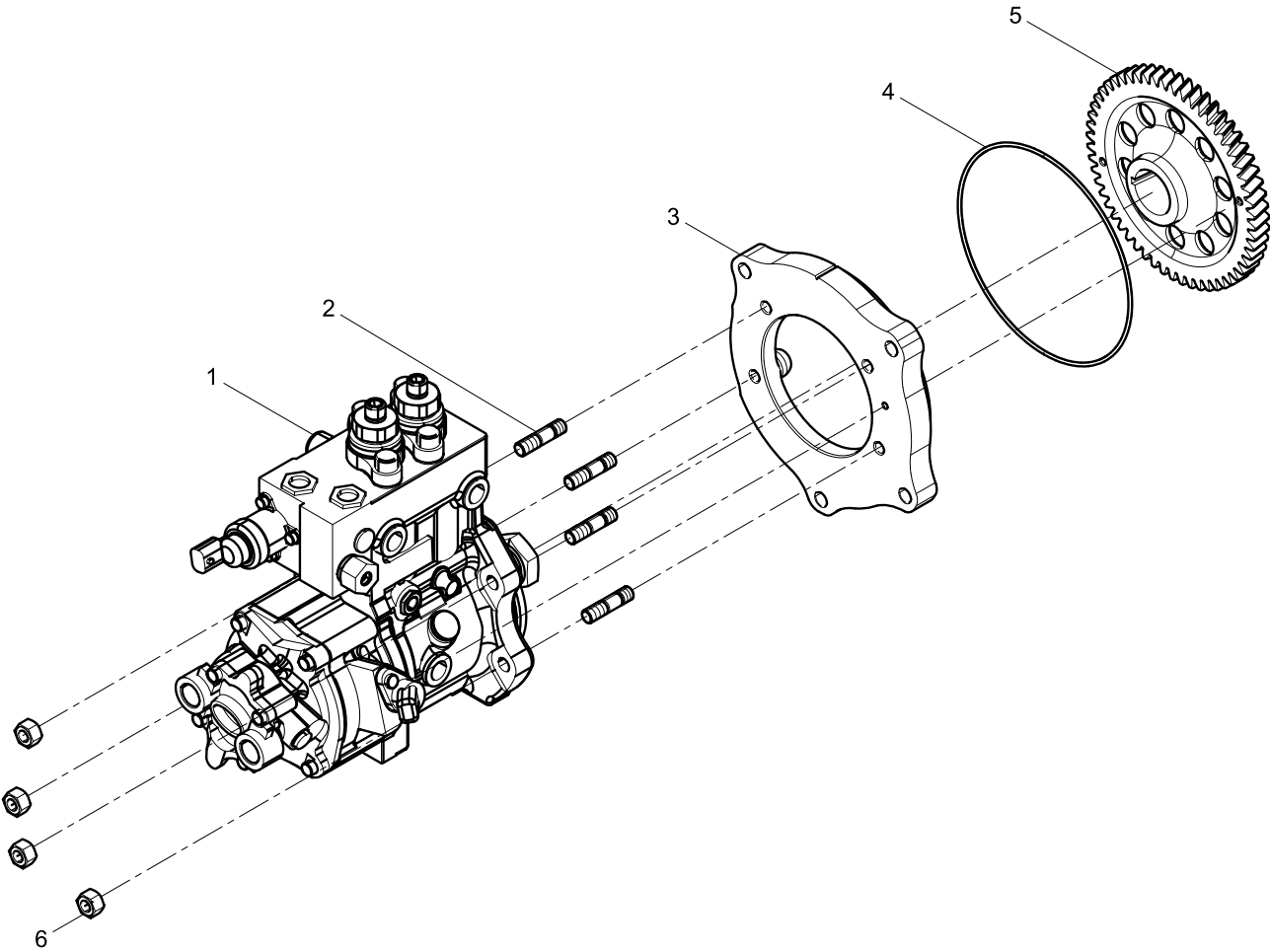
高压油泵结合组(High Pressure Pump Group)



高压油泵结合组(High Pressure Pump Group)

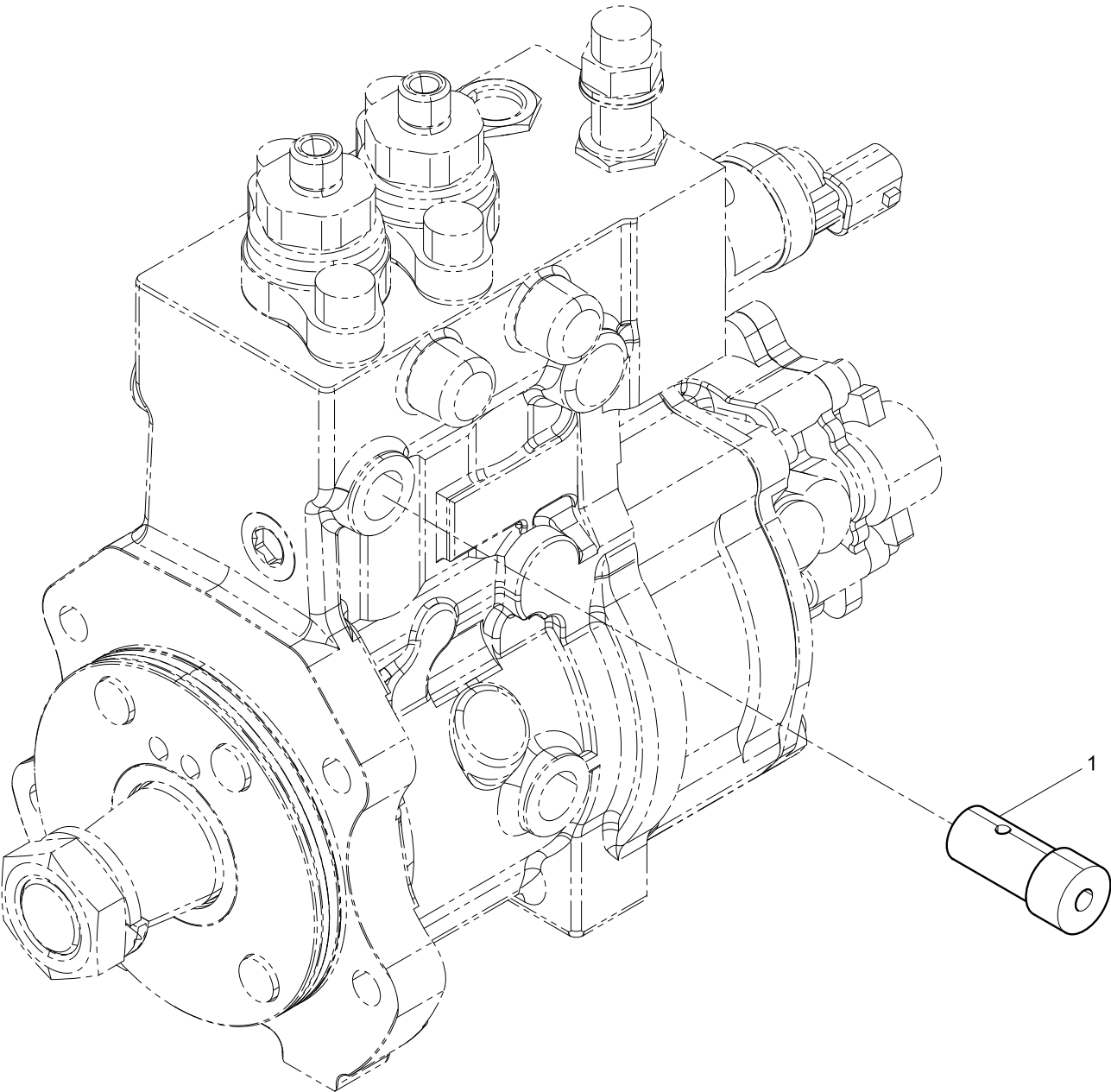
[illegible]

喷油泵组件(Fuel Injection Pump Set)



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喷油泵总成(Fuel Injection Pump Assembly)

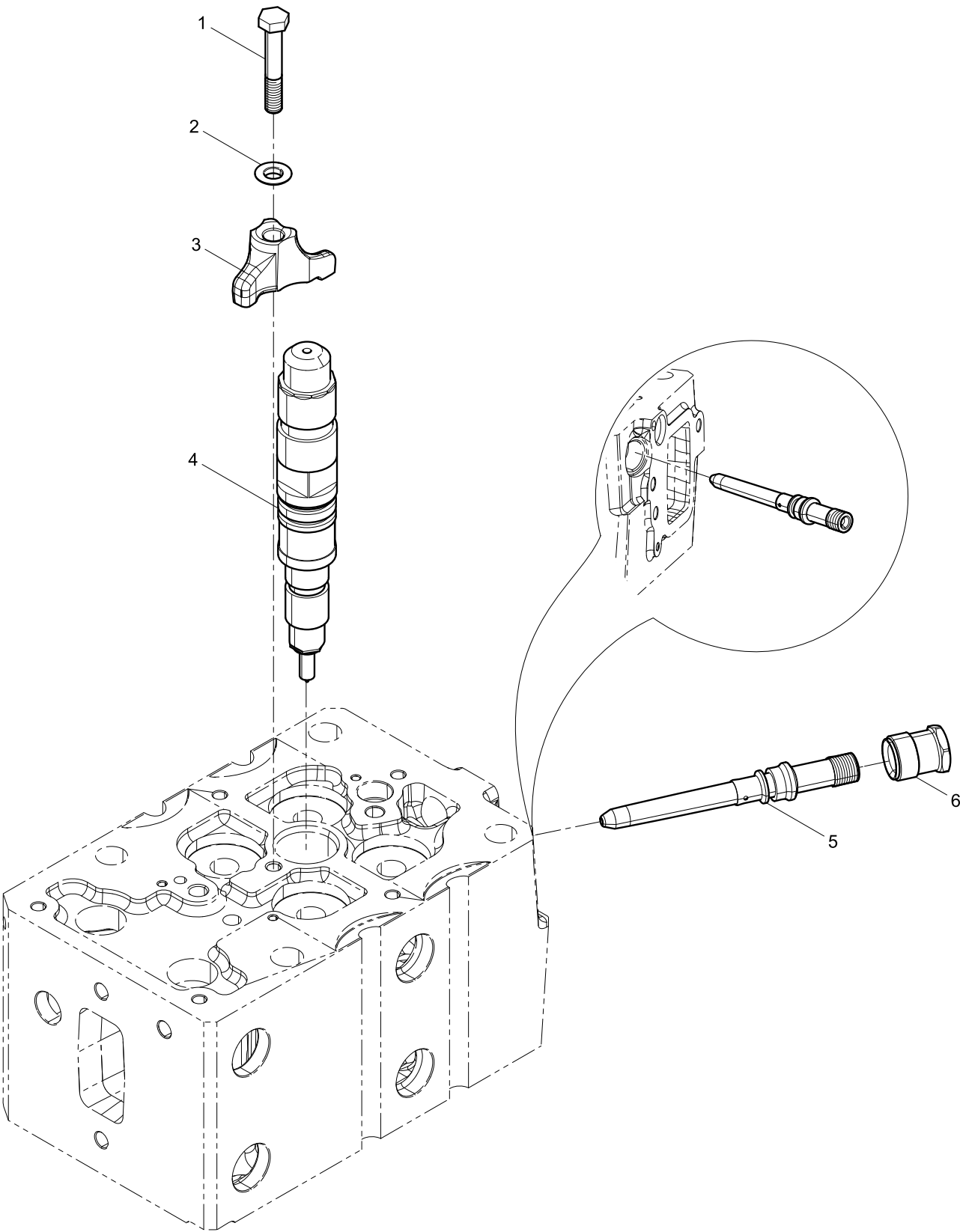




喷油泵总成(Fuel Injection Pump Assembly)

[illegible]

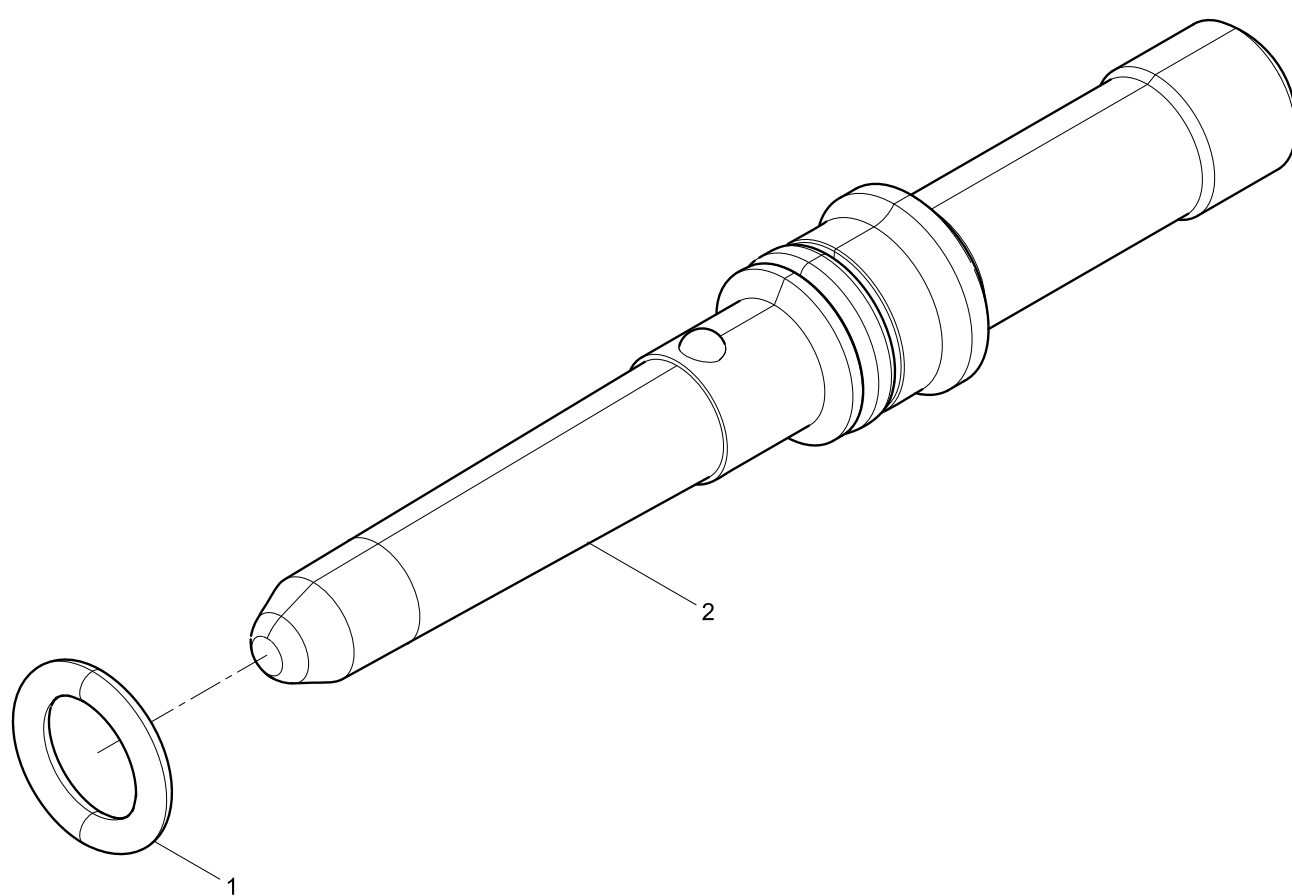
喷油器结合组(Fuel Injector Group)



喷油器结合组(Fuel Injector Group)

[illegible]

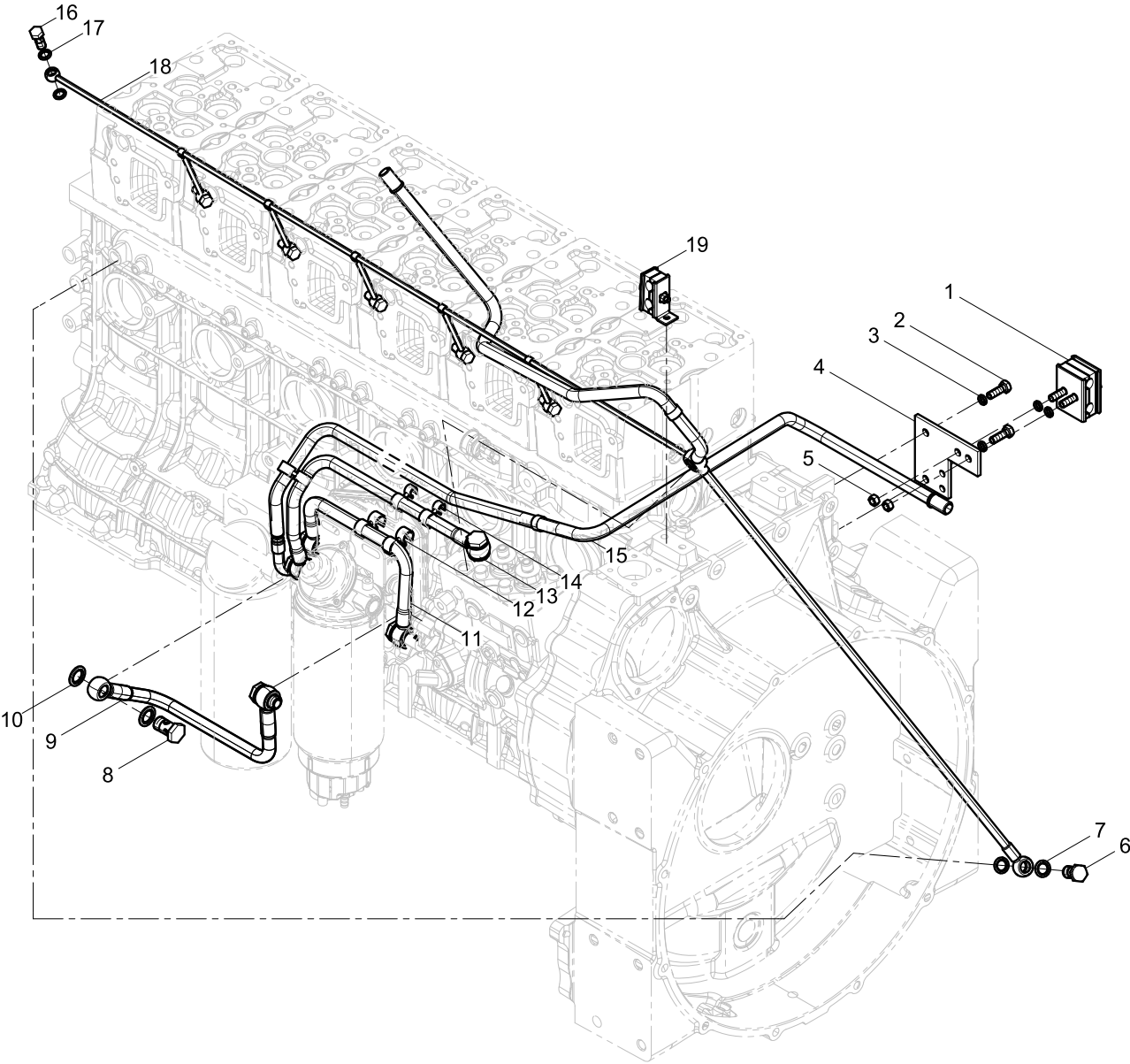
高压油管接头(Adapter of High Pressure Pipe)



高压油管接头(Adapter of High Pressure Pipe)

[illegible]

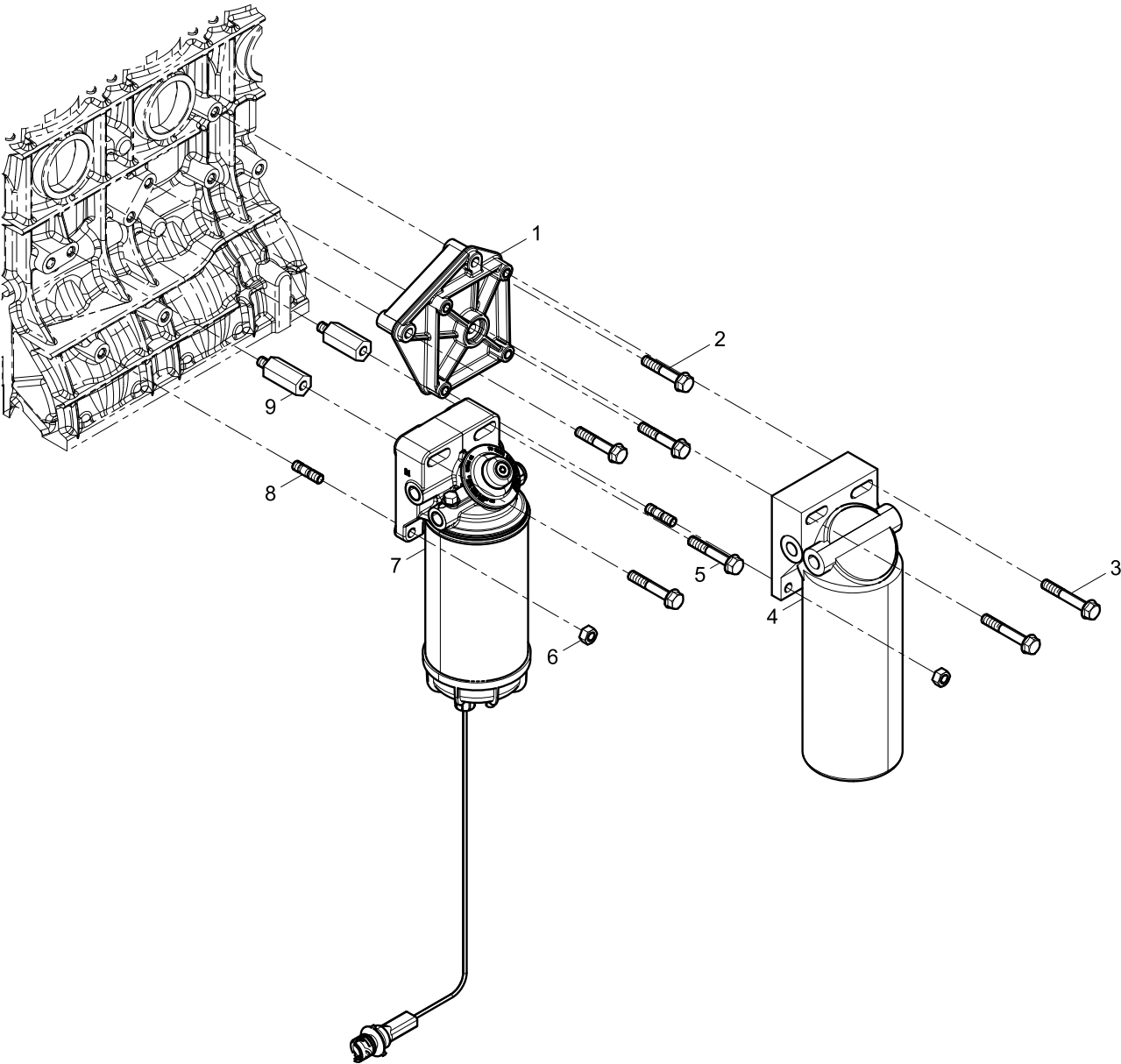
低压油管结合组(Low Pressure Fuel Pipe Group)



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	90003802419	2	六角头螺栓	Hexagon Head Bolt
3	90003931102	2	弹簧垫圈	Spring Washer
4	1000585610	1	燃油管支架	Fuel Pipe Bracket
5	90003888451	2	2型全金属六角锁紧螺母	Prevailing Torque Type All-metal Hexagon Nut,
6	90003962621	1	空心螺栓	Hollow screw
7	612600080200	2	垫圈	Washer
8	612639000049	7	螺栓	Bolt
9	612640080070	1	燃油回油管总成	Fuel Return Pipe Assembly
10	13023361	14	组合密封垫圈	Assembled Sealing Washer
11	612630080013	1	燃油回油管总成	Fuel Return Pipe Assembly
12	612600080948	3	管夹总成	Pipe Clamp Assembly
13	612630080014	1	燃油回油管总成	Fuel Return Pipe Assembly
14	612600080949	2	管卡	Clip
15	612640080170	1	燃油进油管	Fuel-inlet Pipe
16	612639000047	6	螺栓	Bolt
17	612600080246	12	垫圈	Washer
18	1000622600	1	燃油回油管总成	Fuel Return Pipe Assembly
19	612600082181	1	管夹	Pipe Clamp

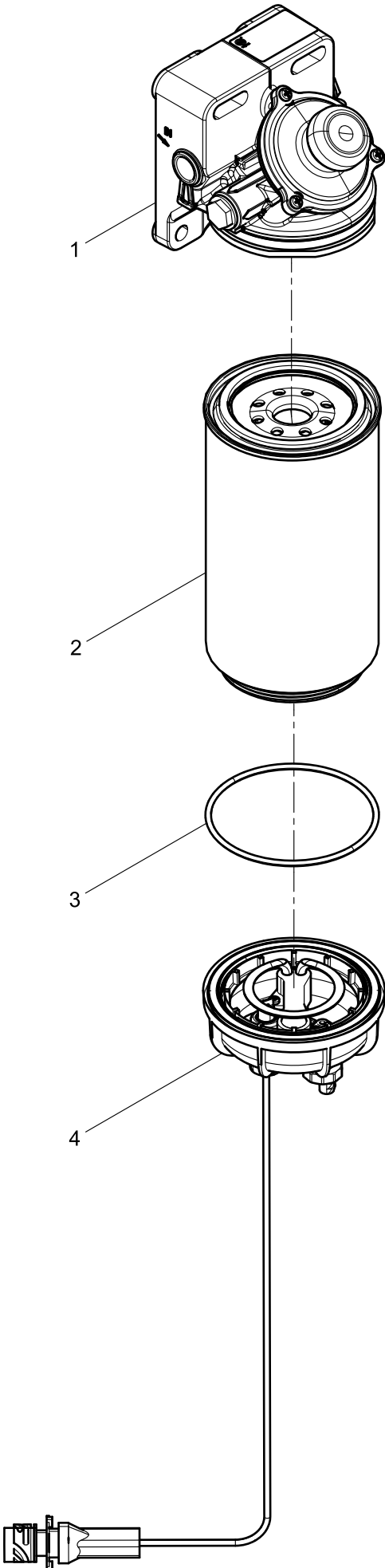
燃油滤清器结合组(Fuel Filter Group)



燃油滤清器结合组(Fuel Filter Group)

[illegible]

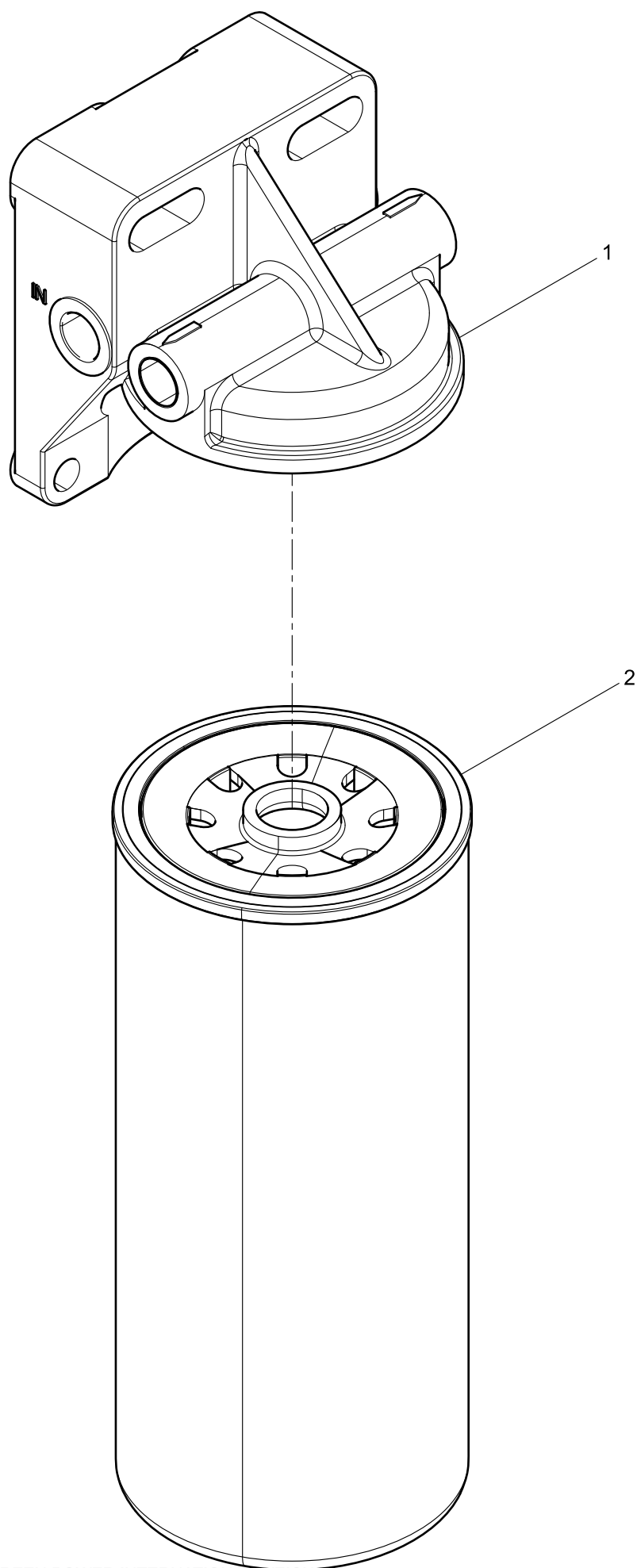
燃油粗滤器(Fuel Coarse Filter)



燃油粗滤器(Fuel Coarse Filter)

[illegible]

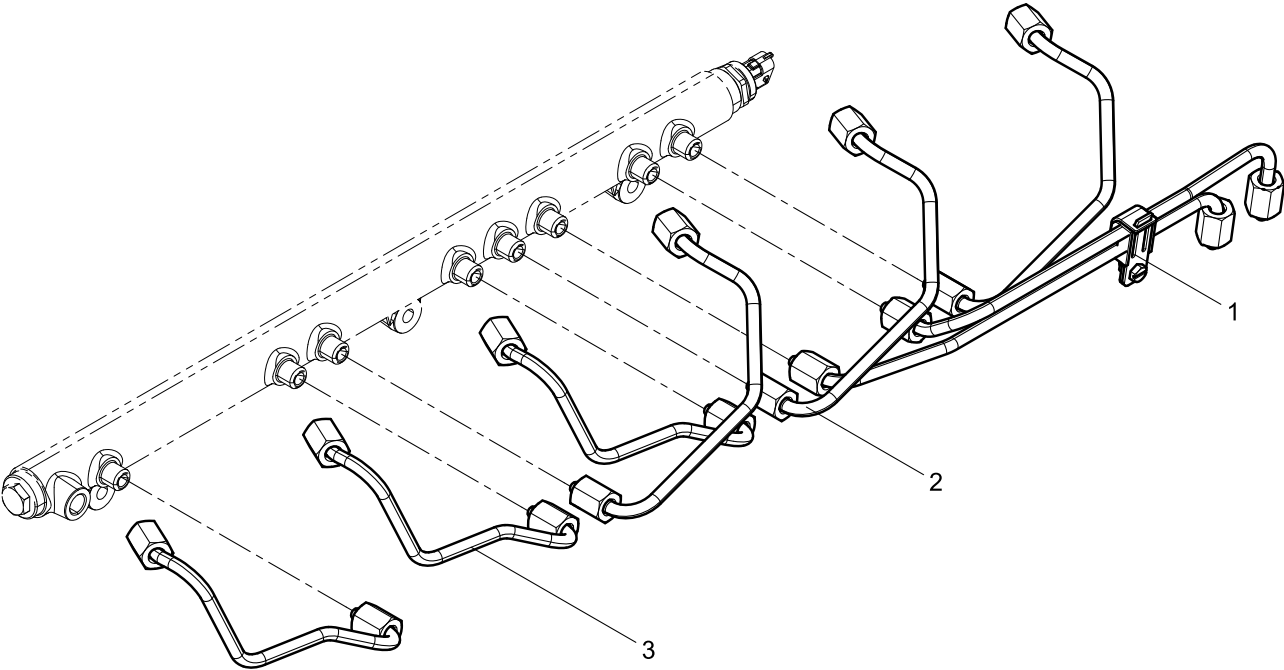
燃油精滤器(Fuel Fine Filter)



燃油精滤器(Fuel Fine Filter)

[illegible]

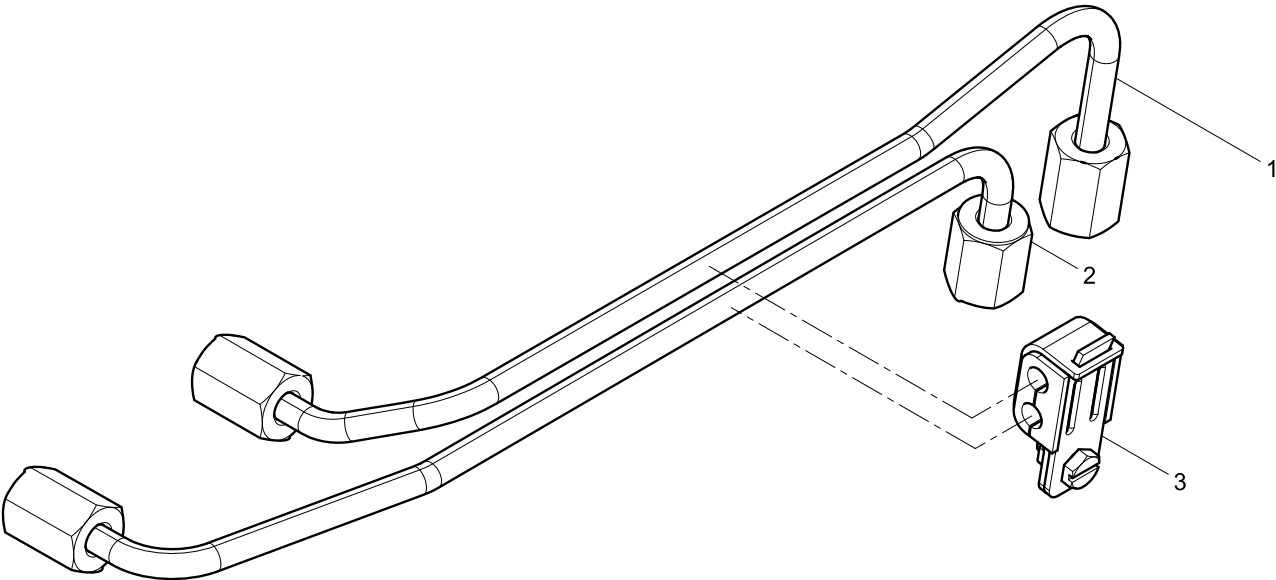
高压油管组件(High Pressure Pipe Set)



高压油管组件(High Pressure Pipe Set)

[illegible]

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

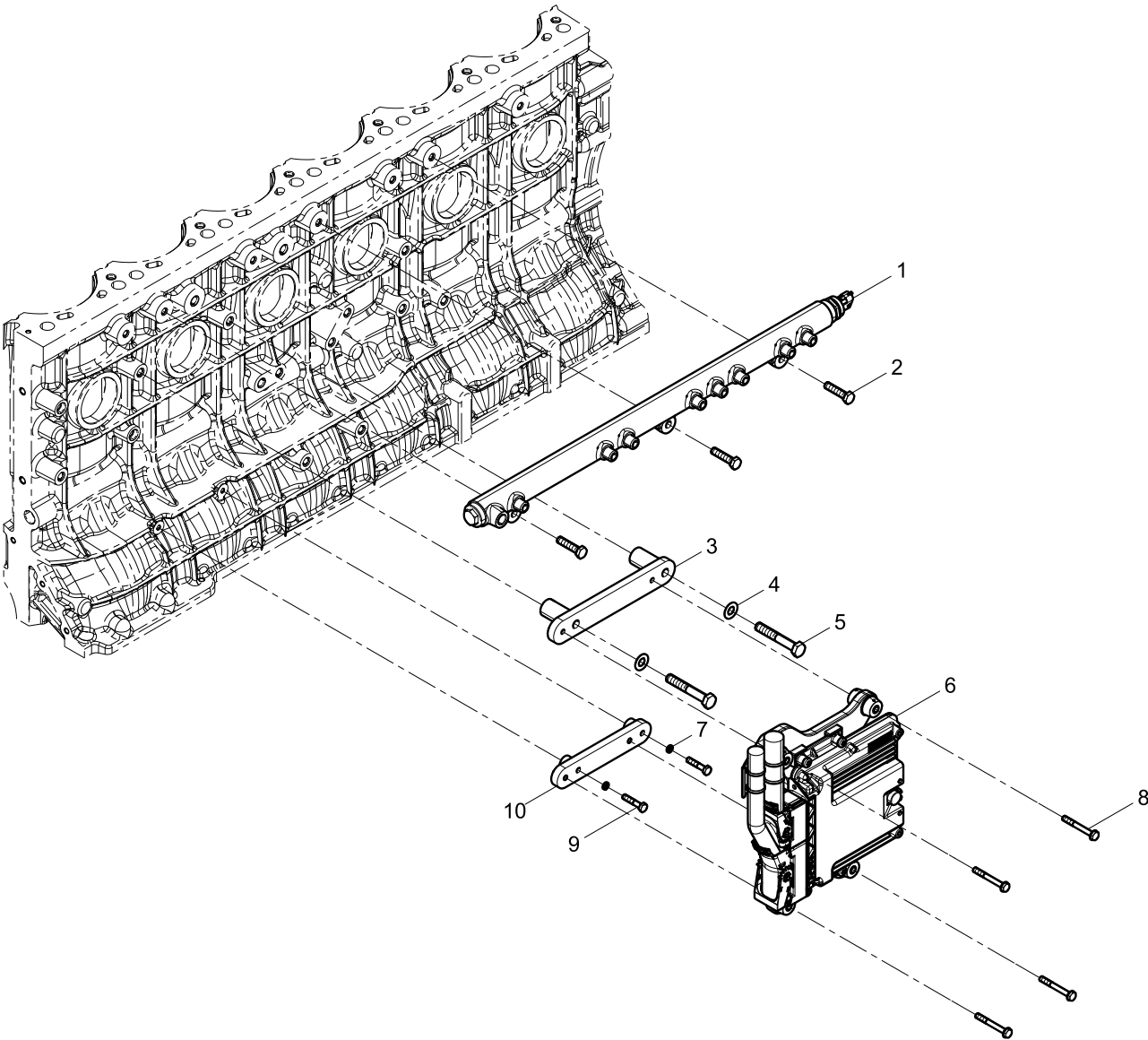




高压油管总成(High-pressure Fuel Pipe Assembly)

[illegible]

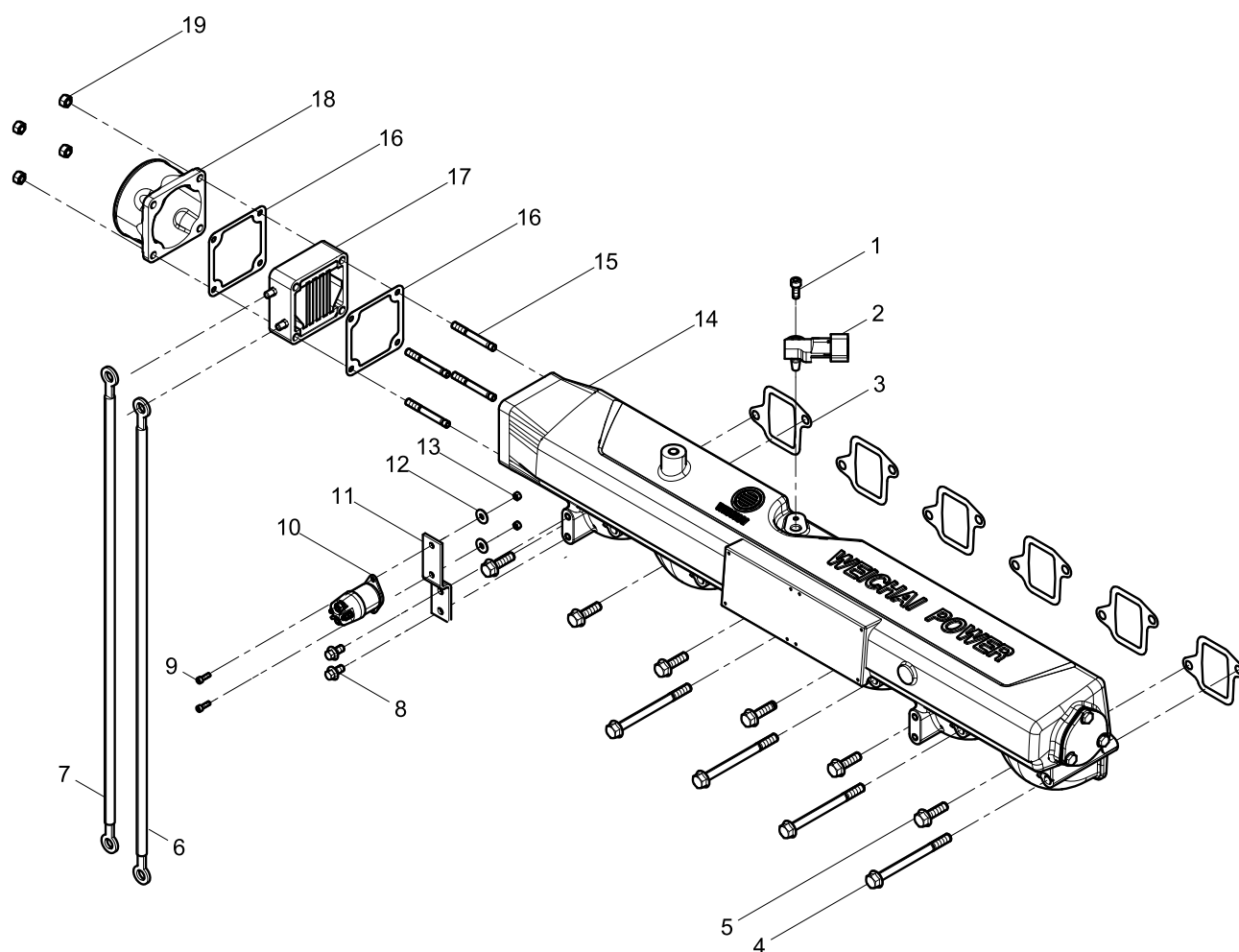
共轨系统结合组(Common Rail System Assembly)



共轨系统结合组(Common Rail System Assembly)

[illegible]

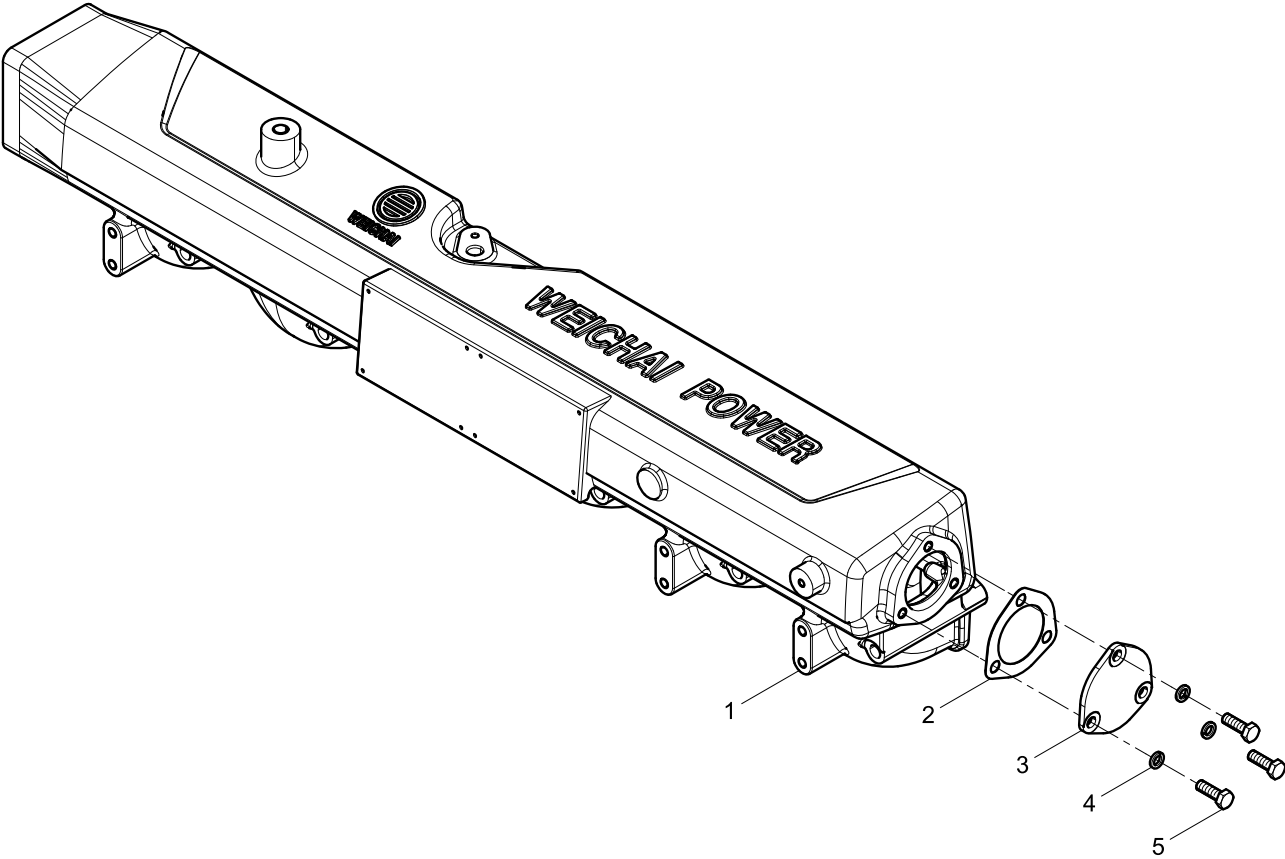
进气管结合组(Intake Manifold Group)



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 Socket Head Cap Screw
2	612630120004	1	压力温度传感器	Pressure and Temperature Sensor
3	612600116551	6	进气管垫片	Intake Manifold Gasket
4	612639000003	6	六角头螺栓	Hexagon Head Bolt
5	612639000002	6	六角头螺栓	Hexagon Head Bolt
6	612600090661	1	预热系统线束	Preheating Harness
7	612600081782	1	预热系统线束	Preheating Harness
8	90011430040	2	六角法兰面承面带齿螺栓	Hexagon Flange with Tooth Bolt
9	90013050033	2	内六角圆柱头螺钉	Inner Hexagon Socket Head Cap Screw
10	612630080076	1	继电器	Relay
11	612630120205	1	支架	Bracket
12	90003936101	2	垫圈	Washer
13	90003871222	2	1型六角螺母	Hexagon Nuts, Style 1
14	612630120423	1	进气管总成	Intake Manifold Assembly
15	90003813470	4	双头螺柱	Double End Stud
16	612630120002	2	垫片	Gasket
17	612630120003	1	加热器	Heater
18	612600111755	1	进气接管	Intake Connecting Pipe
19	90003888451	4	2型全金属六角锁紧螺母	Prevailing Torque Type All-metal Hexagon Nut,

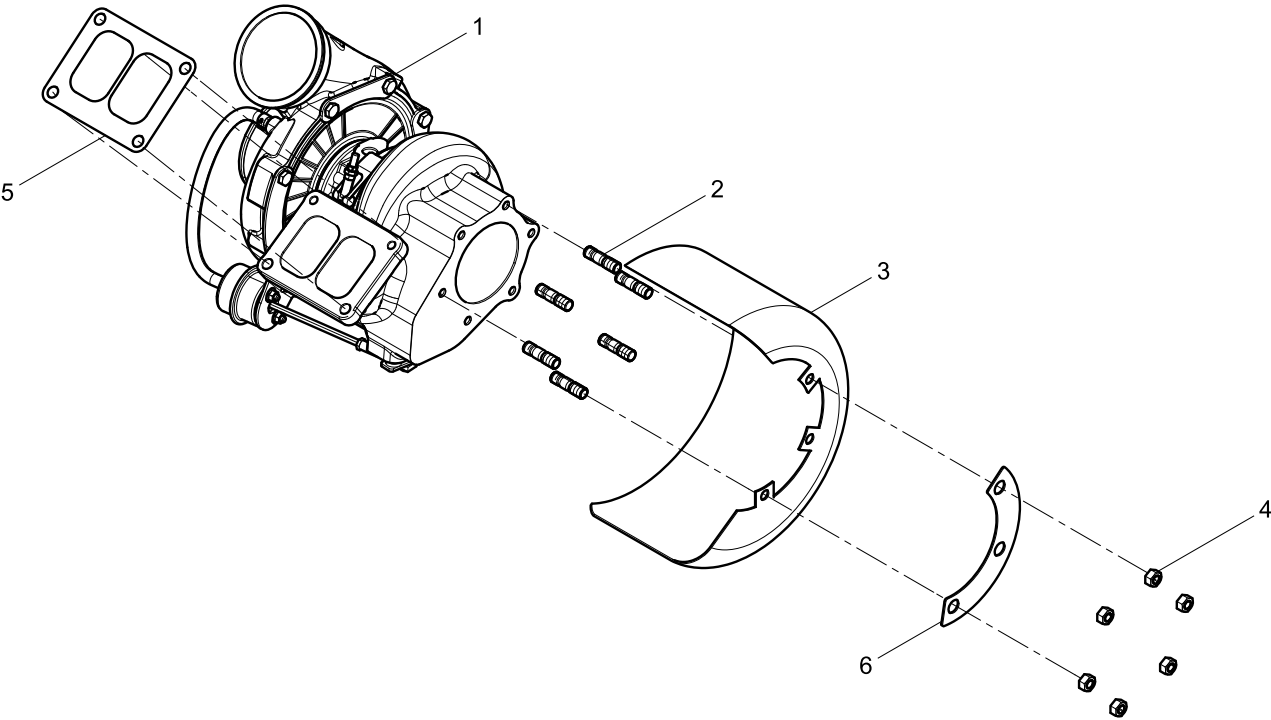
进气管总成(Intake Manifold Assembly)



进气管总成(Intake Manifold Assembly)

[illegible]

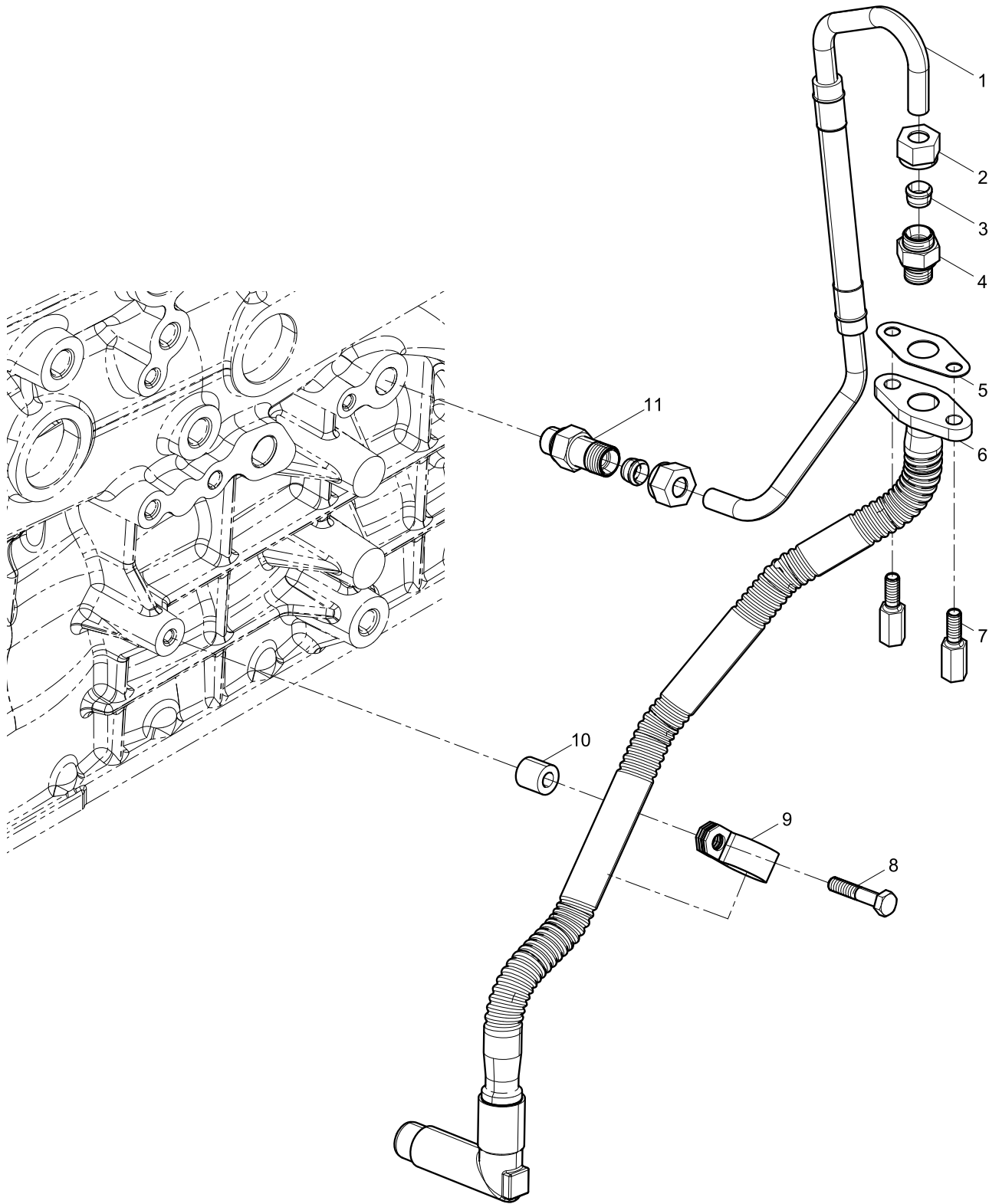
增压器结合组(Turbocharger Group)



增压器结合组(Turbocharger Group)

[illegible]

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

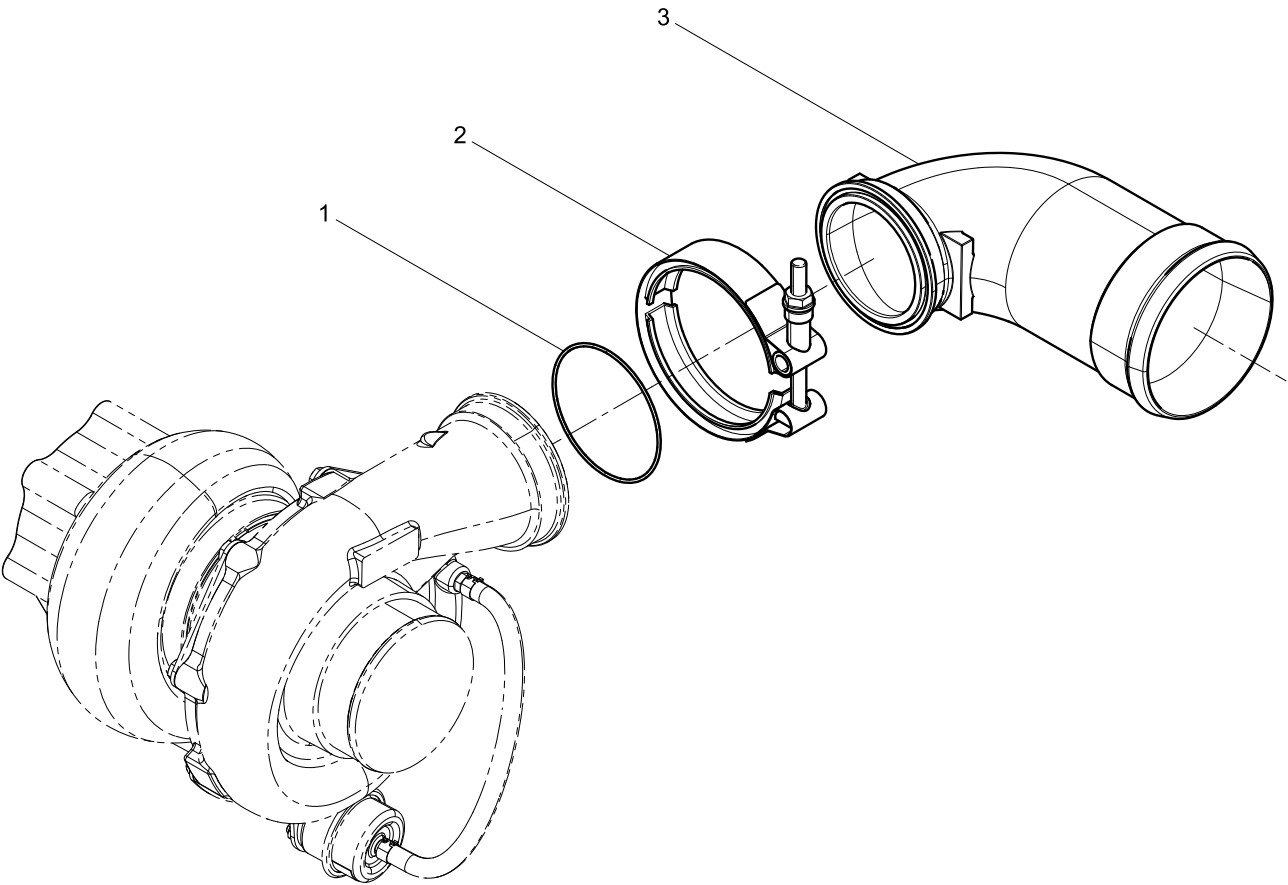




增压器润滑油管结合组(Turbocharger Oil Pipe Group)

[illegible]

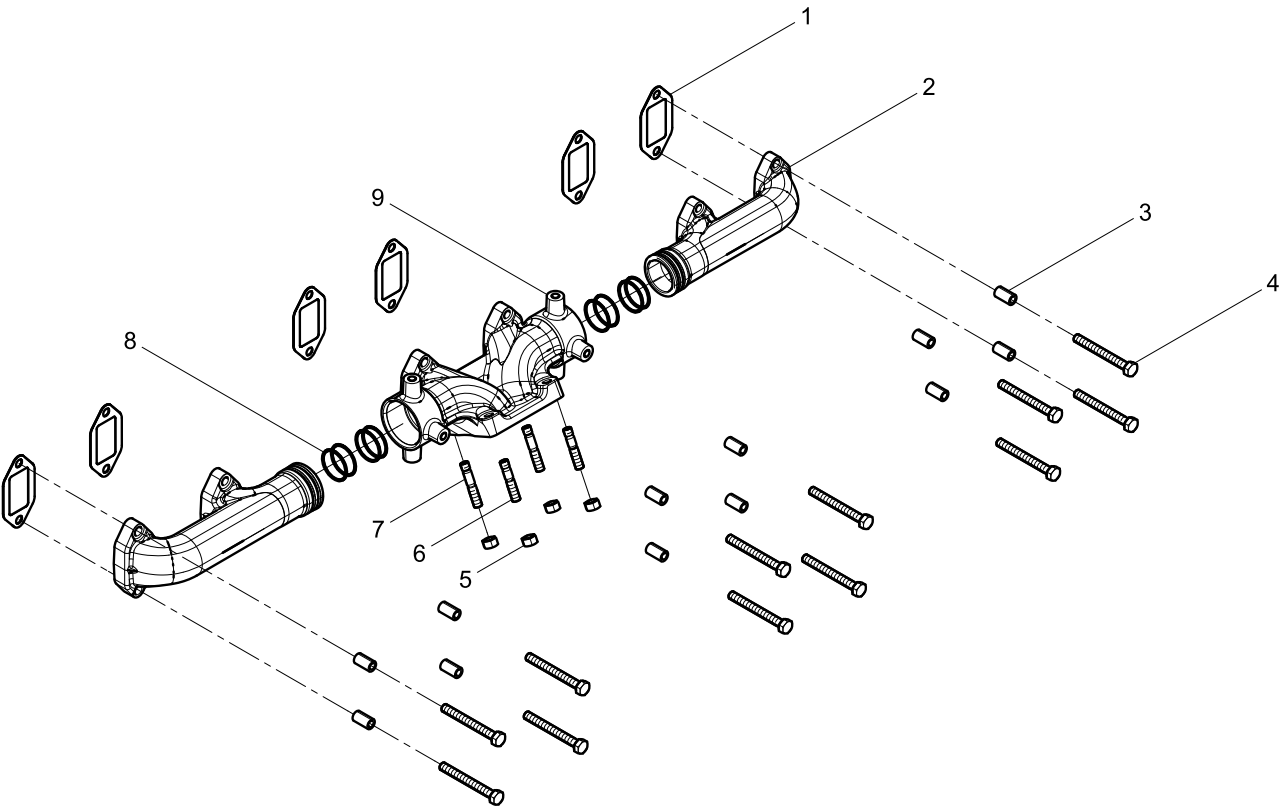
压气机管路结合组(Compressor Pipe Group)



压气机管路结合组(Compressor Pipe Group)

[illegible]

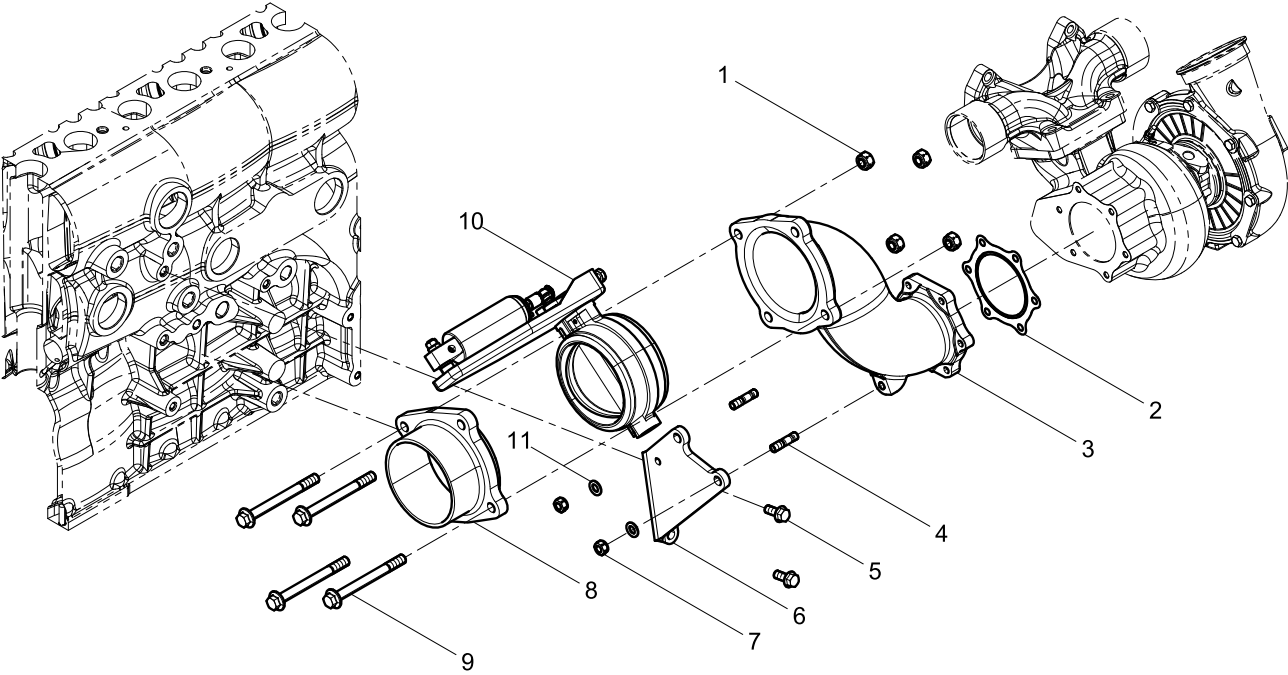
排气管结合组(Exhaust Manifold Group)



排气管结合组(Exhaust Manifold Group)

[illegible]

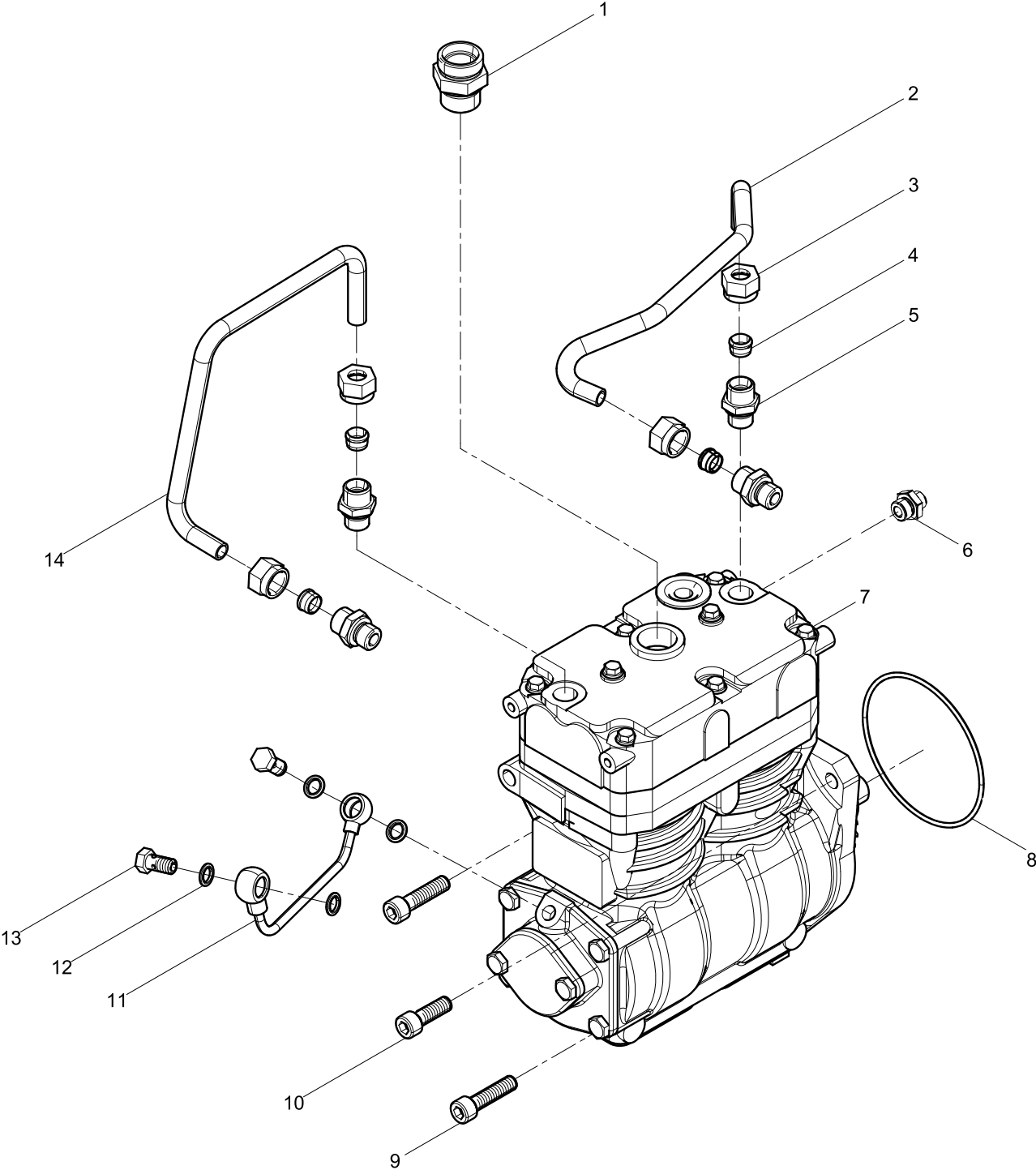
后排气歧管结合组(Rear Exhaust Manifold Group)



后排气歧管结合组(Rear Exhaust Manifold Group)

[illegible]

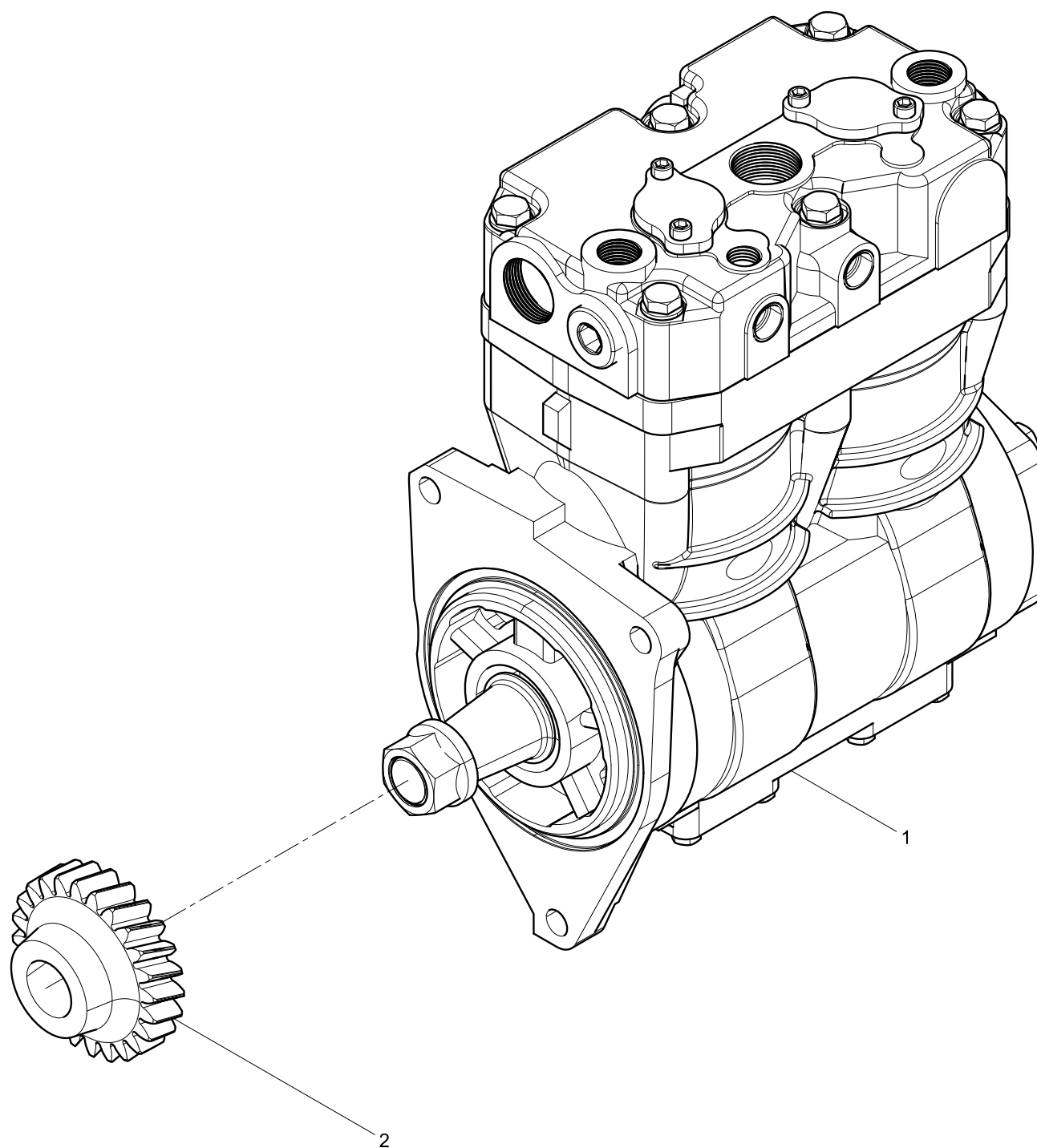
空压机结合组(Air Compressor Group)



空压机结合组(Air Compressor Group)

[illegible]

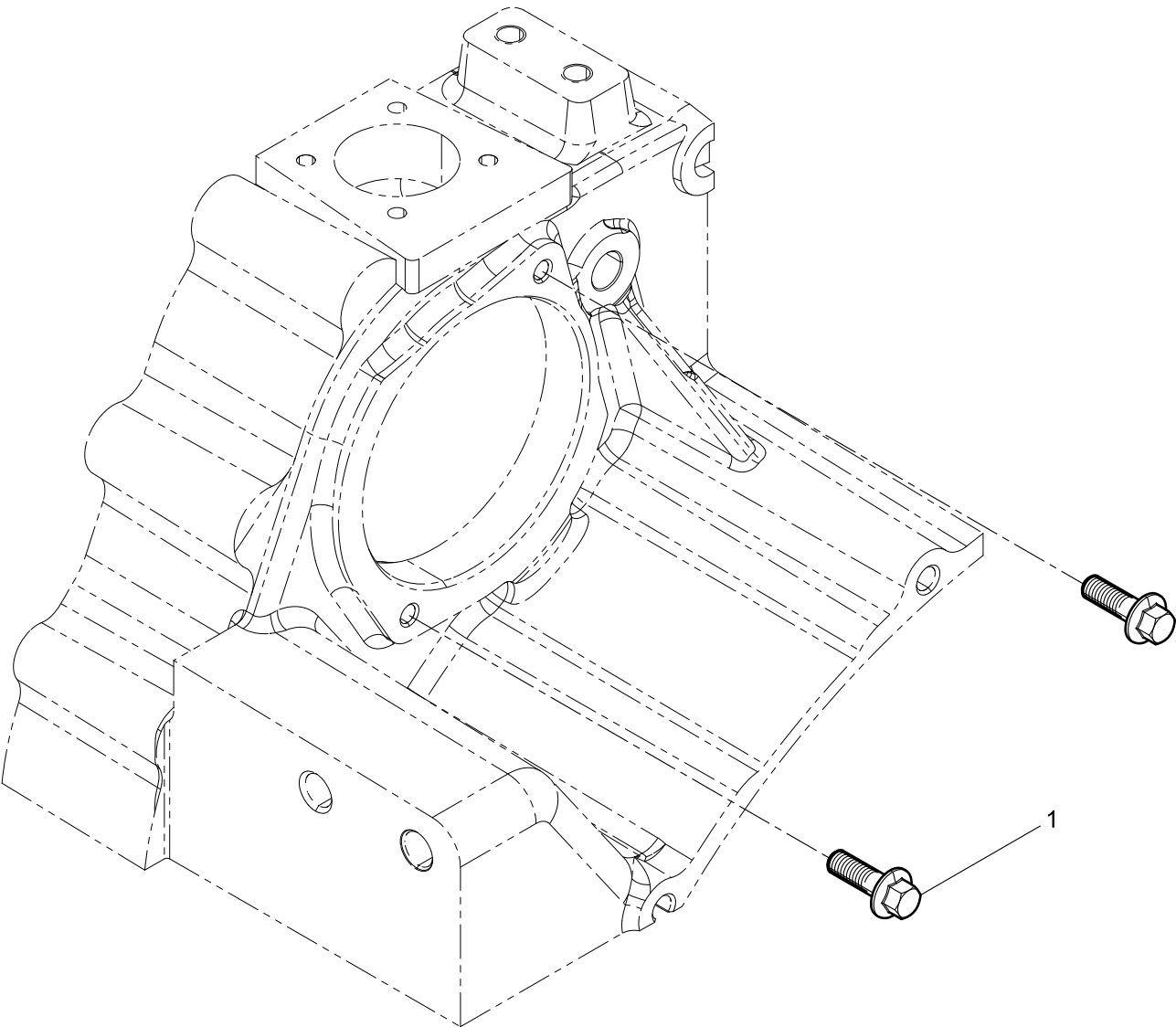
空压机总成(Air Compressor Assembly)



空压机总成(Air Compressor Assembly)

[illegible]

液压泵结合组(Hydraulic Pump Group)

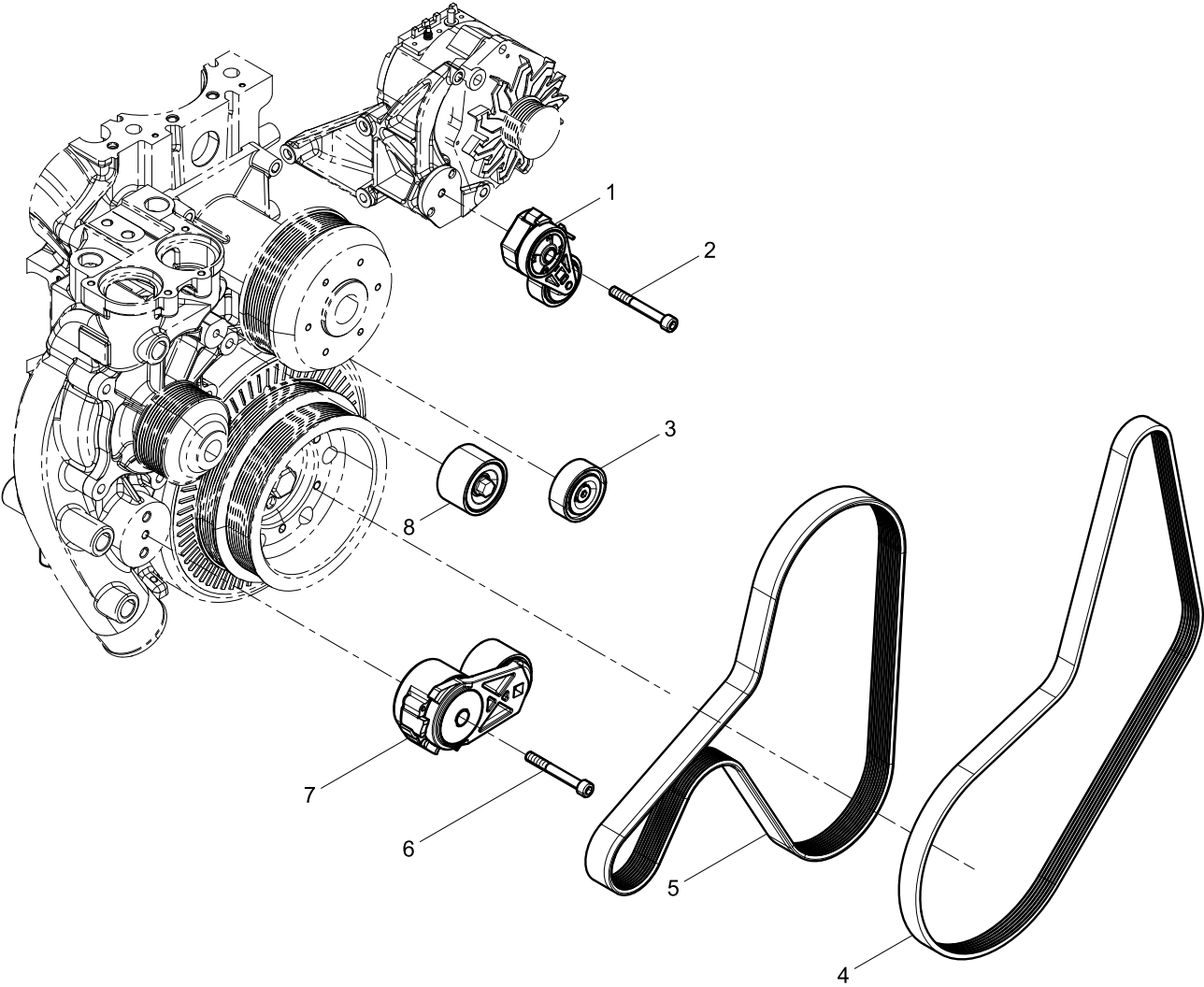




液压泵结合组(Hydraulic Pump Group)

[illegible]

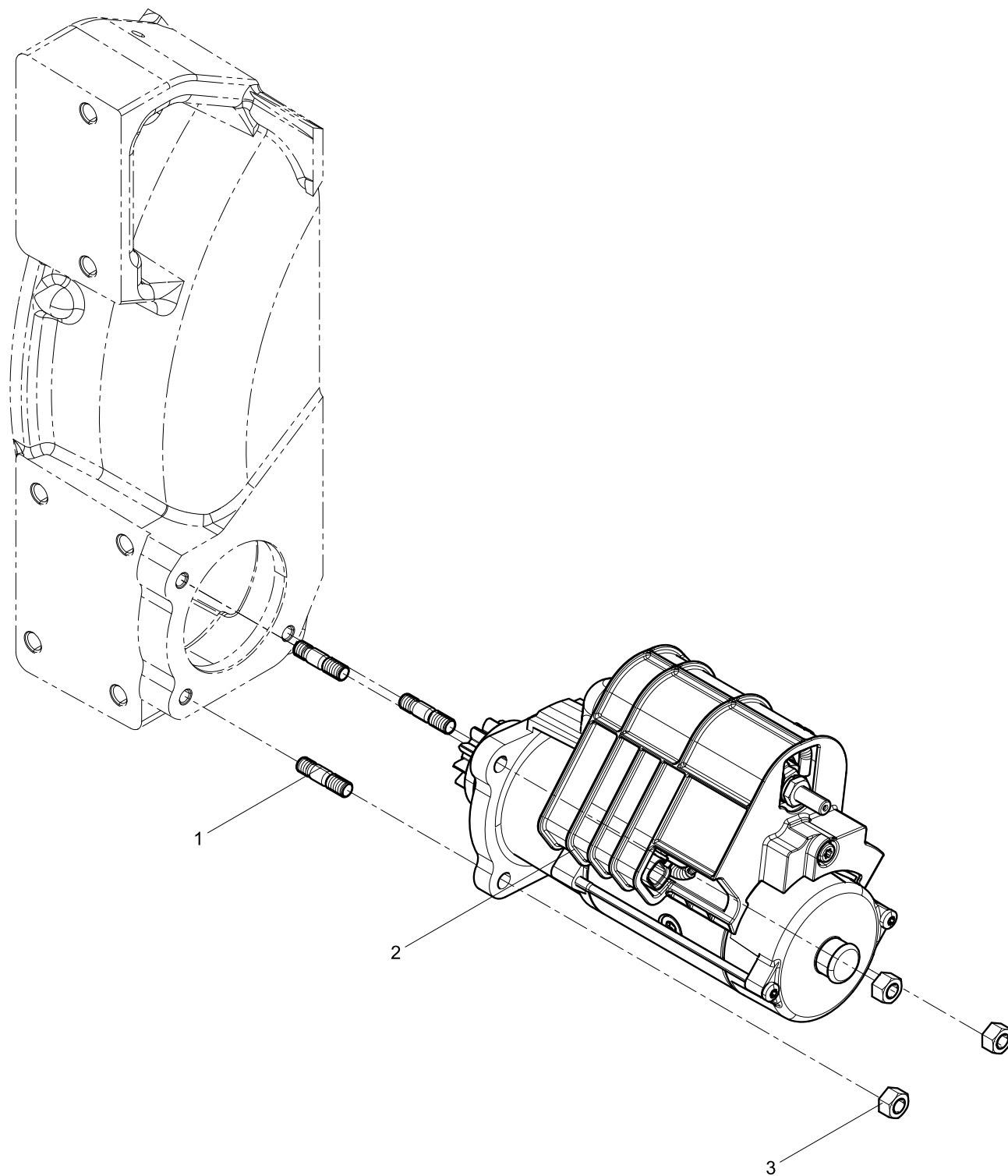
张紧轮及皮带结合组(Tensioner And Belt Group)



张紧轮及皮带结合组(Tensioner And Belt Group)

[illegible]

起动机结合组(Starter Motor Group)

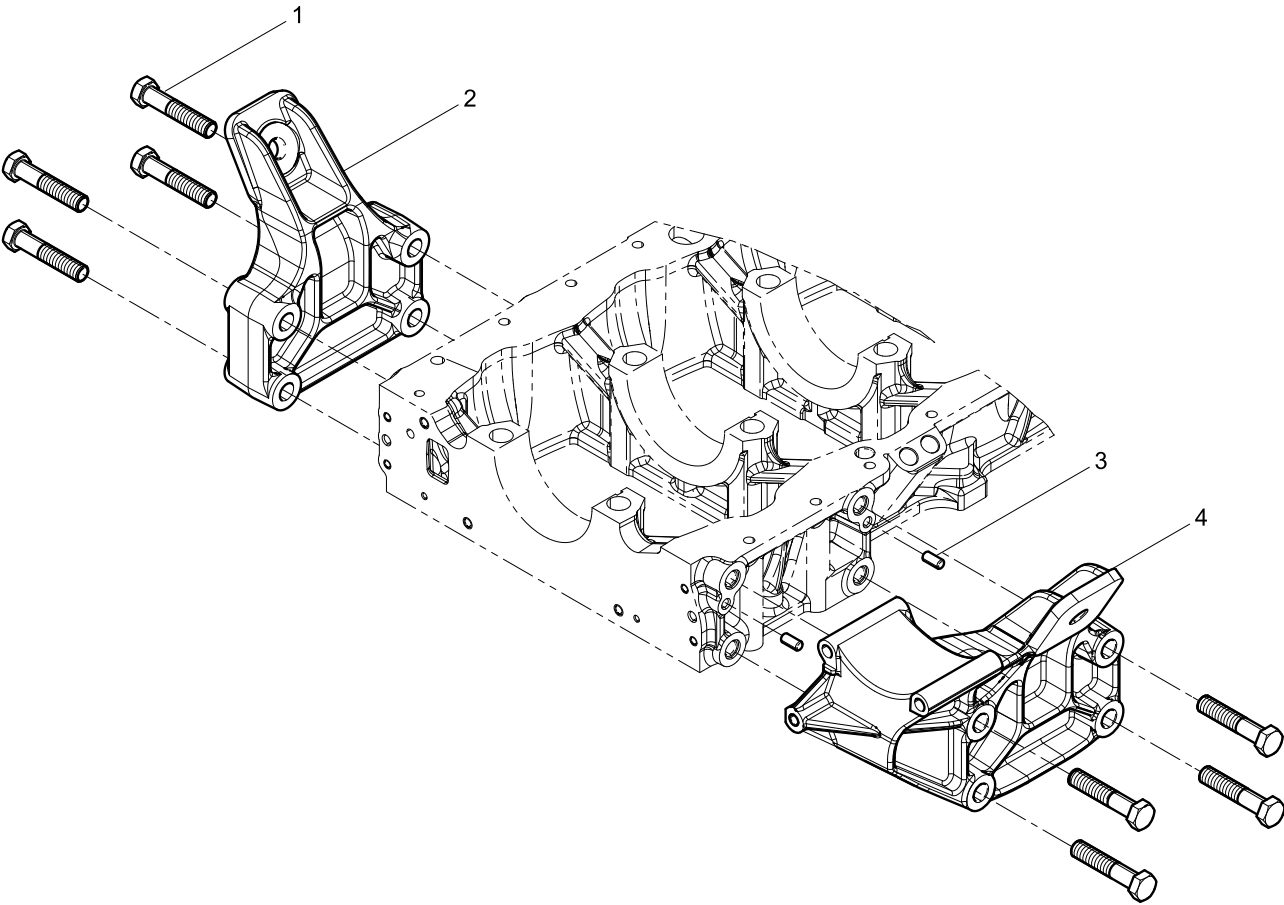




起动机结合组(Starter Motor Group)

[illegible]

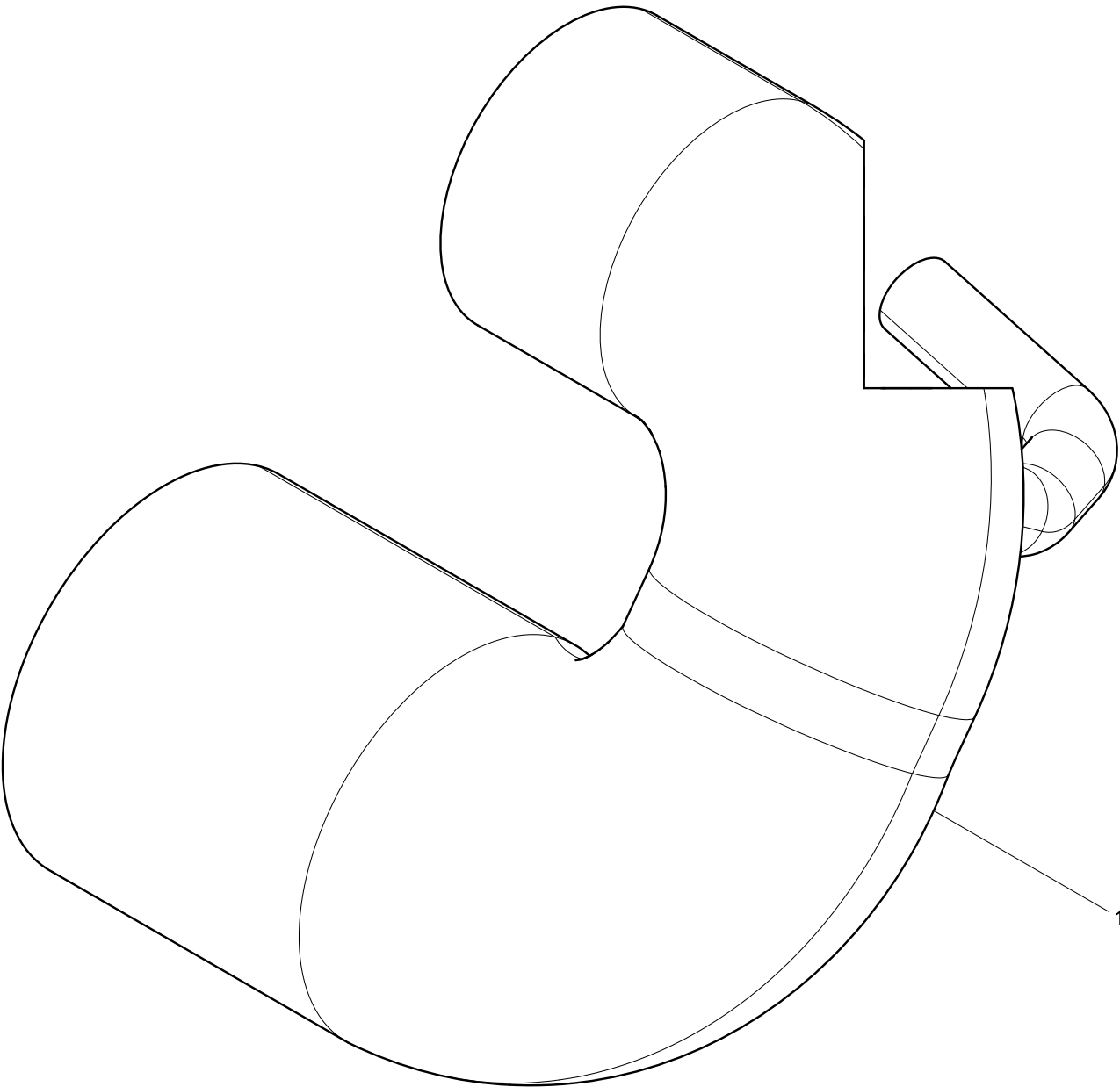
发动机支架结合组(Engine Bracket Group)



发动机支架结合组(Engine Bracket Group)

[illegible]

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

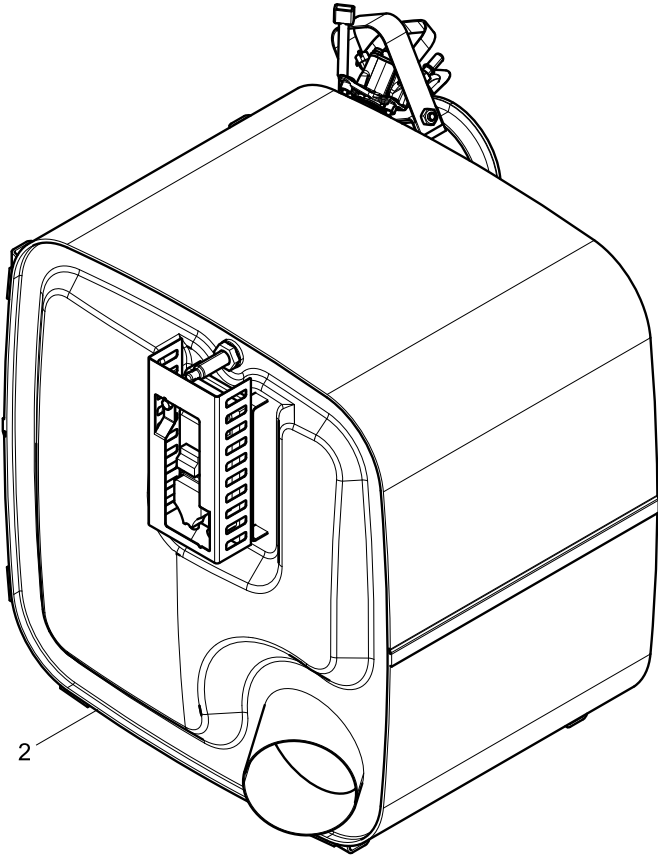
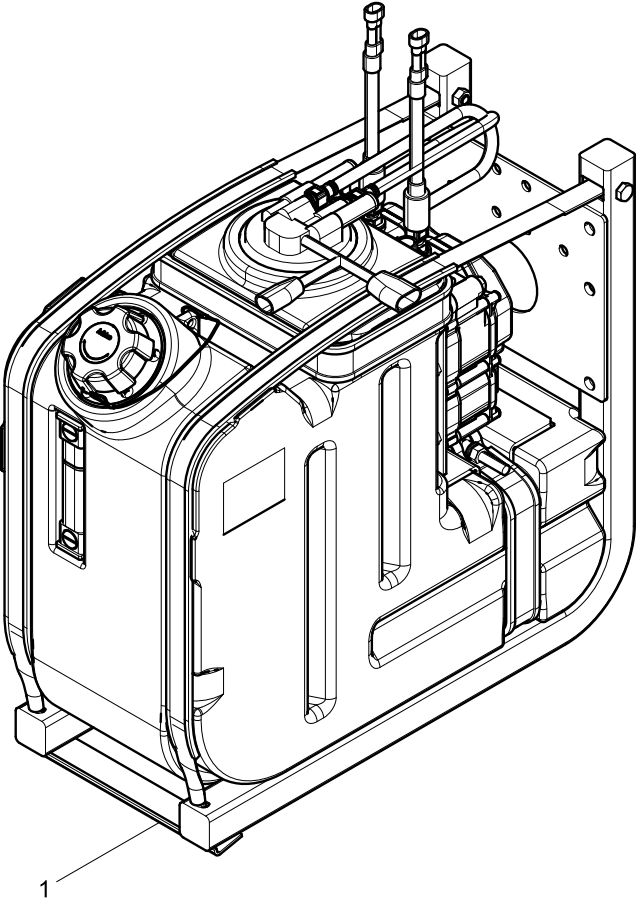




包装箱底盘零件结合组(Packing Box Chassis Parts Group)

[illegible]

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

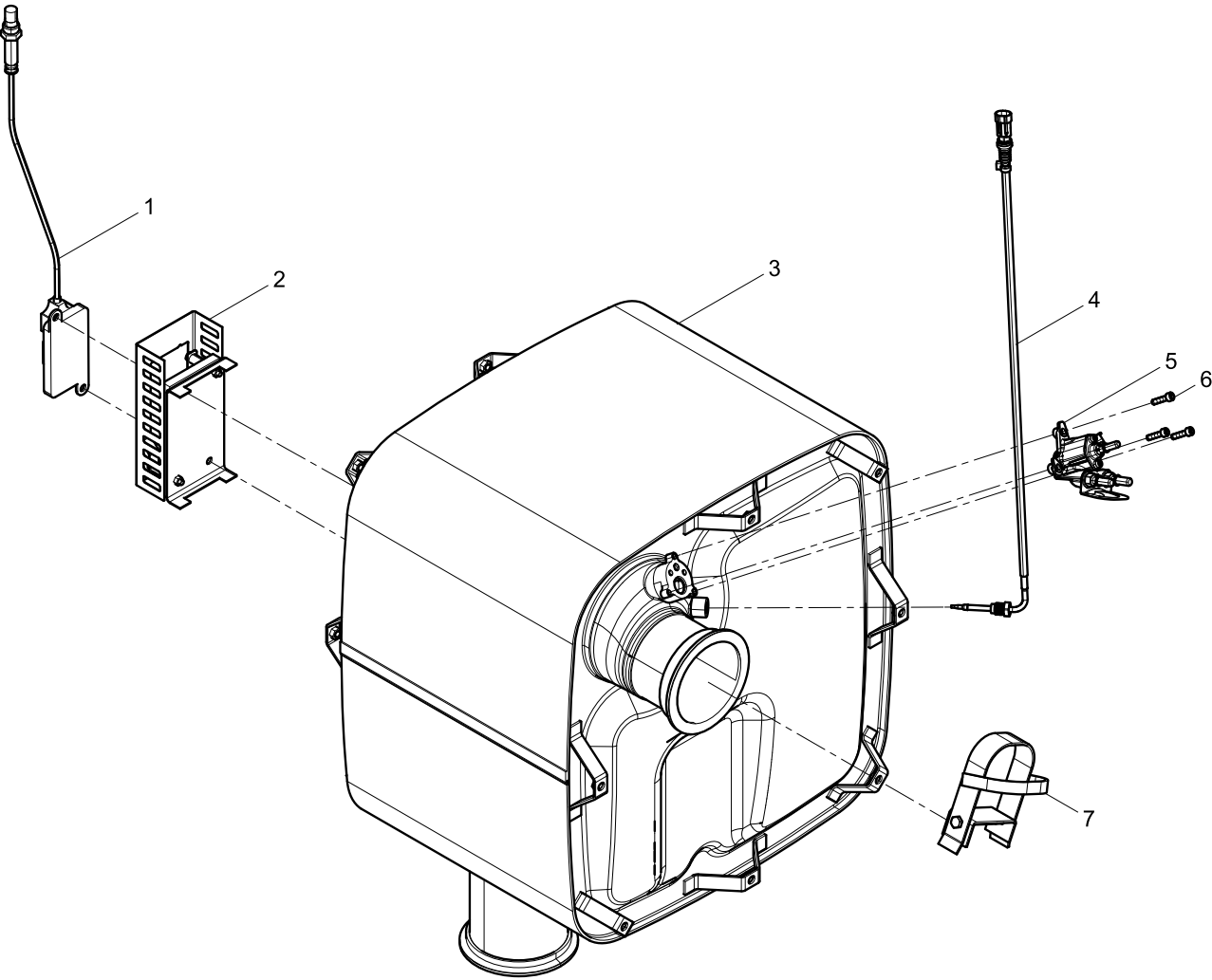




随机单发零件结合组(Separate Delivery Parts Group Attached to Engine)

[illegible]

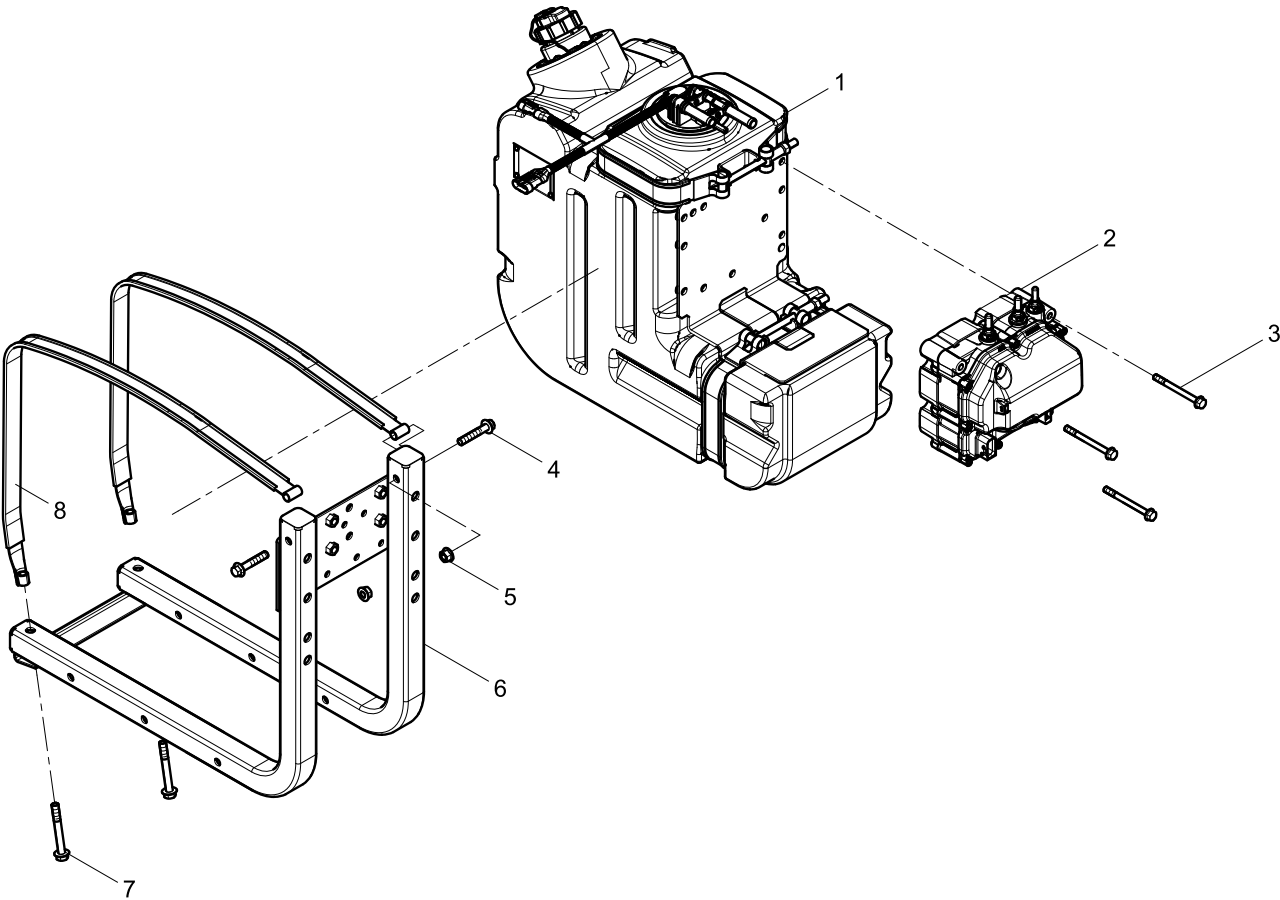
SCR箱总成(SCR Box Assembly)



SCR箱总成(SCR Box Assembly)

[illegible]

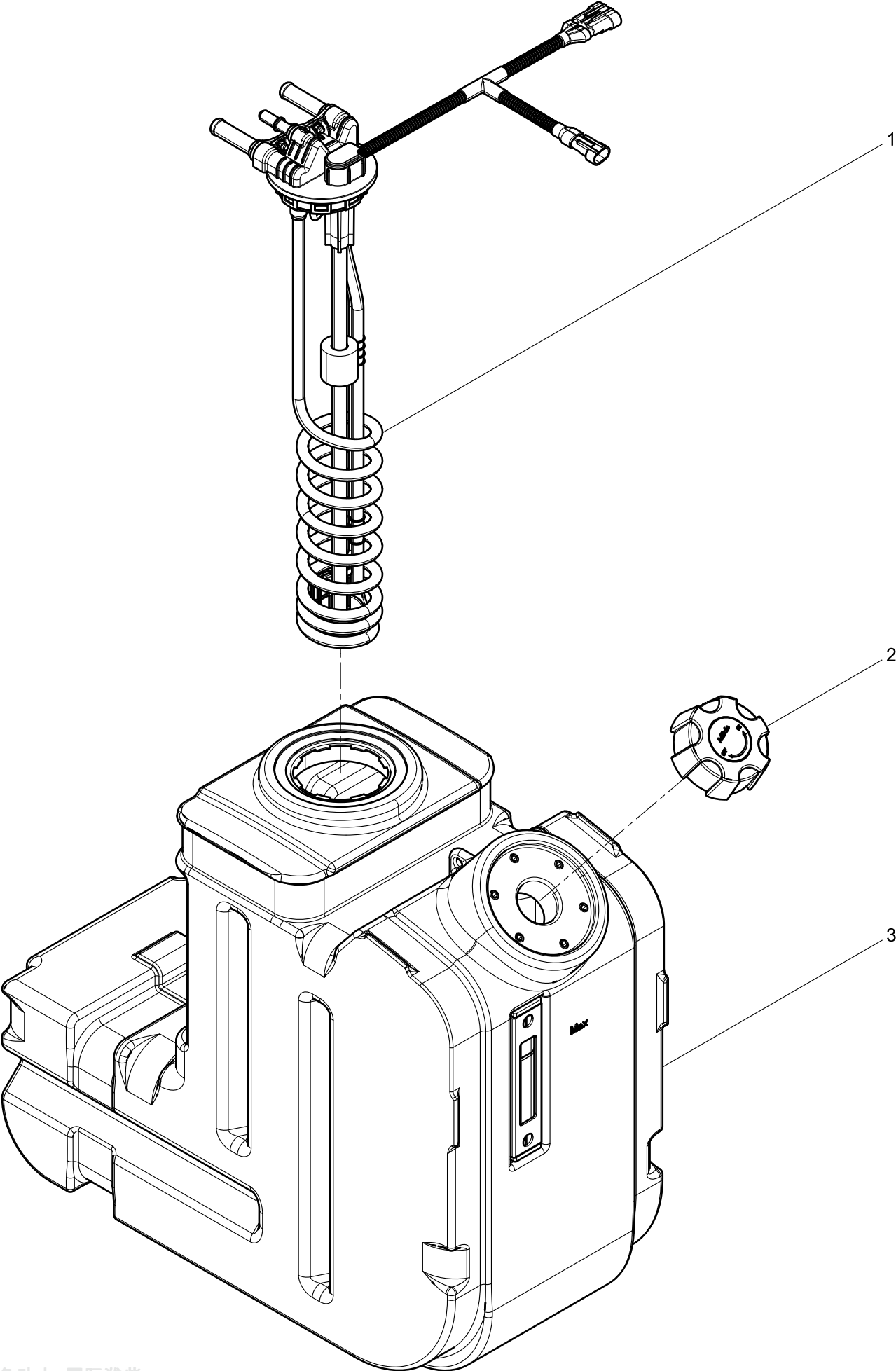
集成式尿素箱总成(Integrated Urea Tank Assembly)



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

[illegible]

尿素箱总成(Urea Tank Assembly)

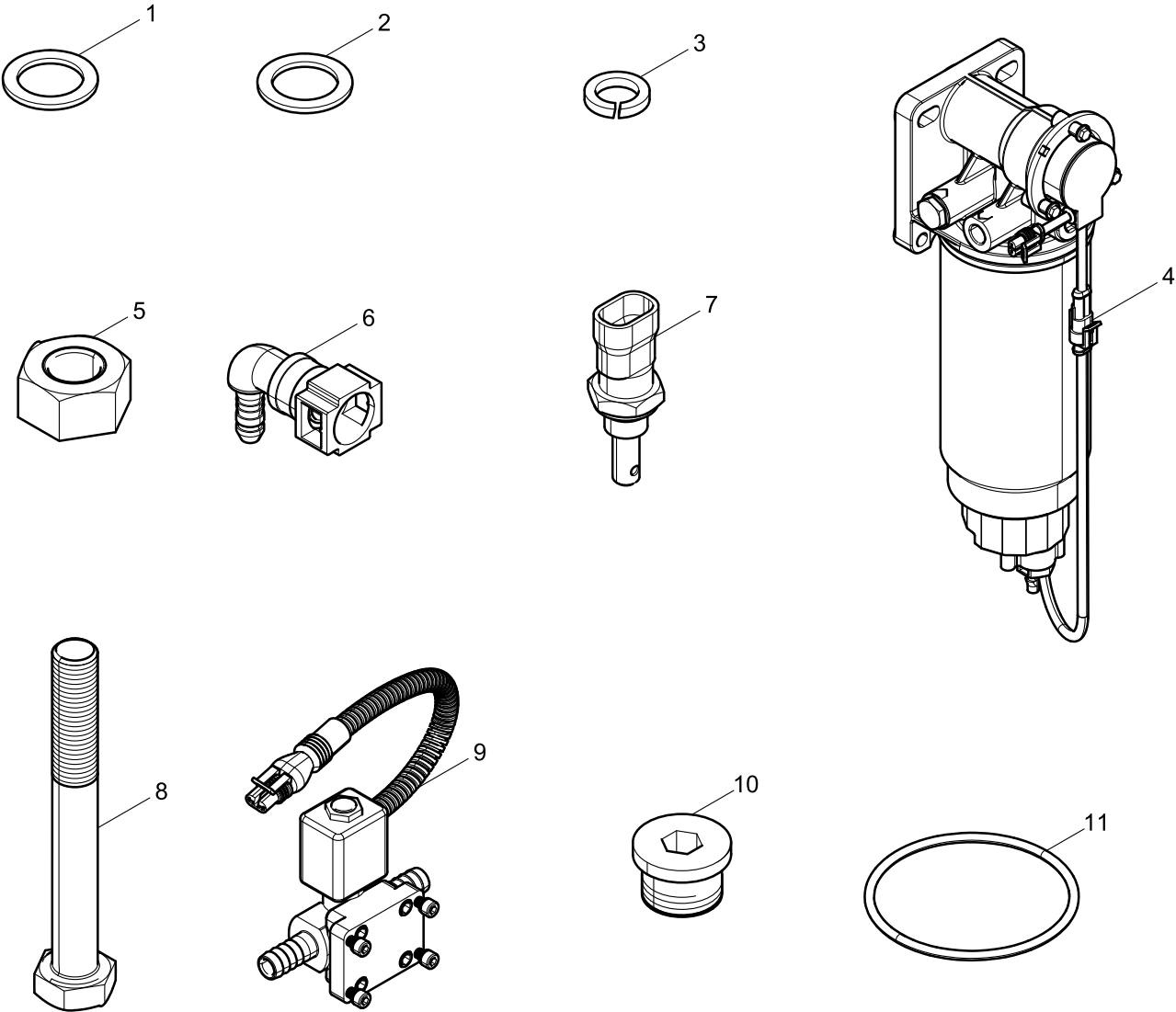




尿素箱总成(Urea Tank Assembly)

[illegible]

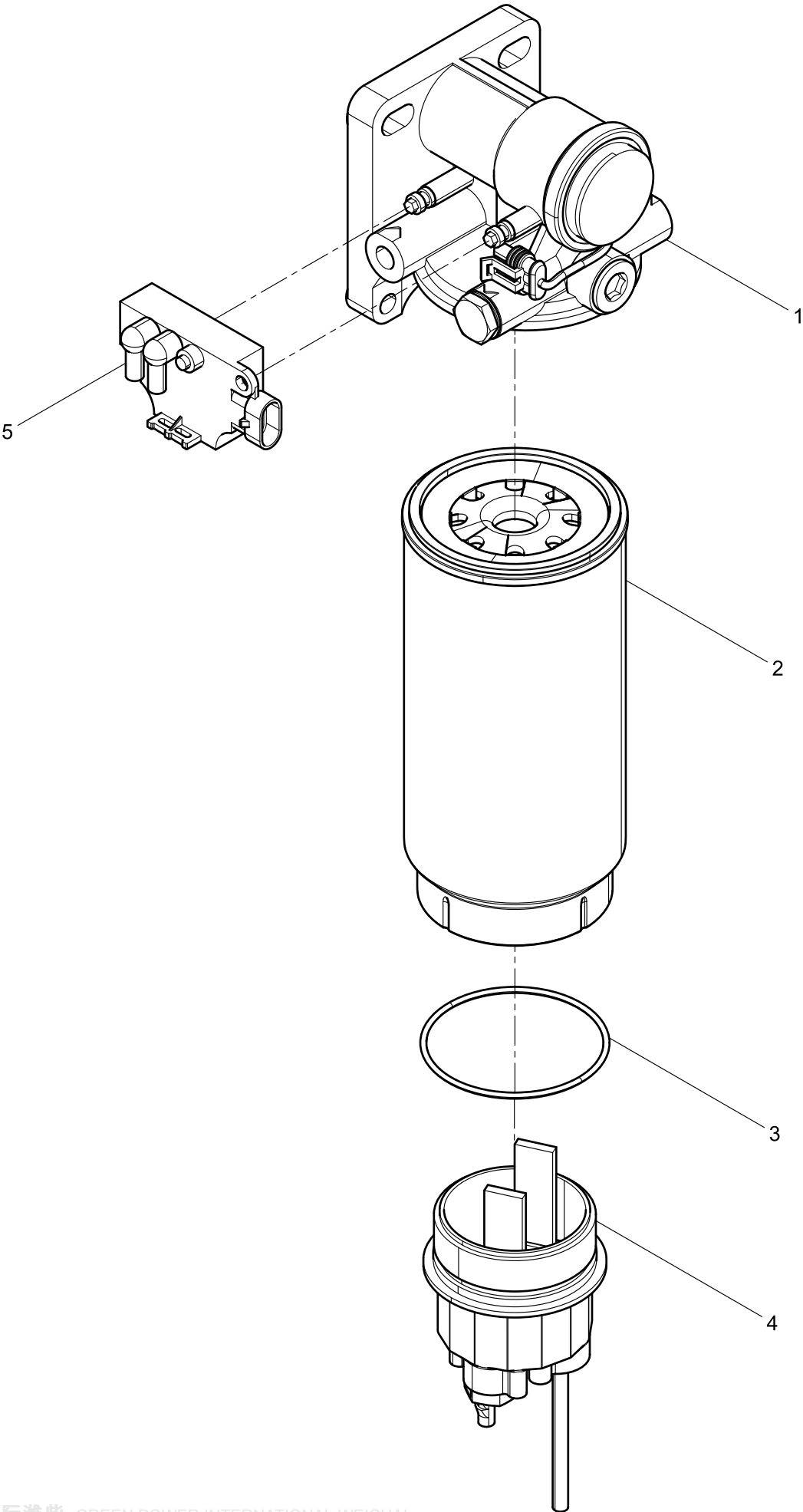
零件箱总成(Parts Box Assembly)



零件箱总成(Parts Box Assembly)

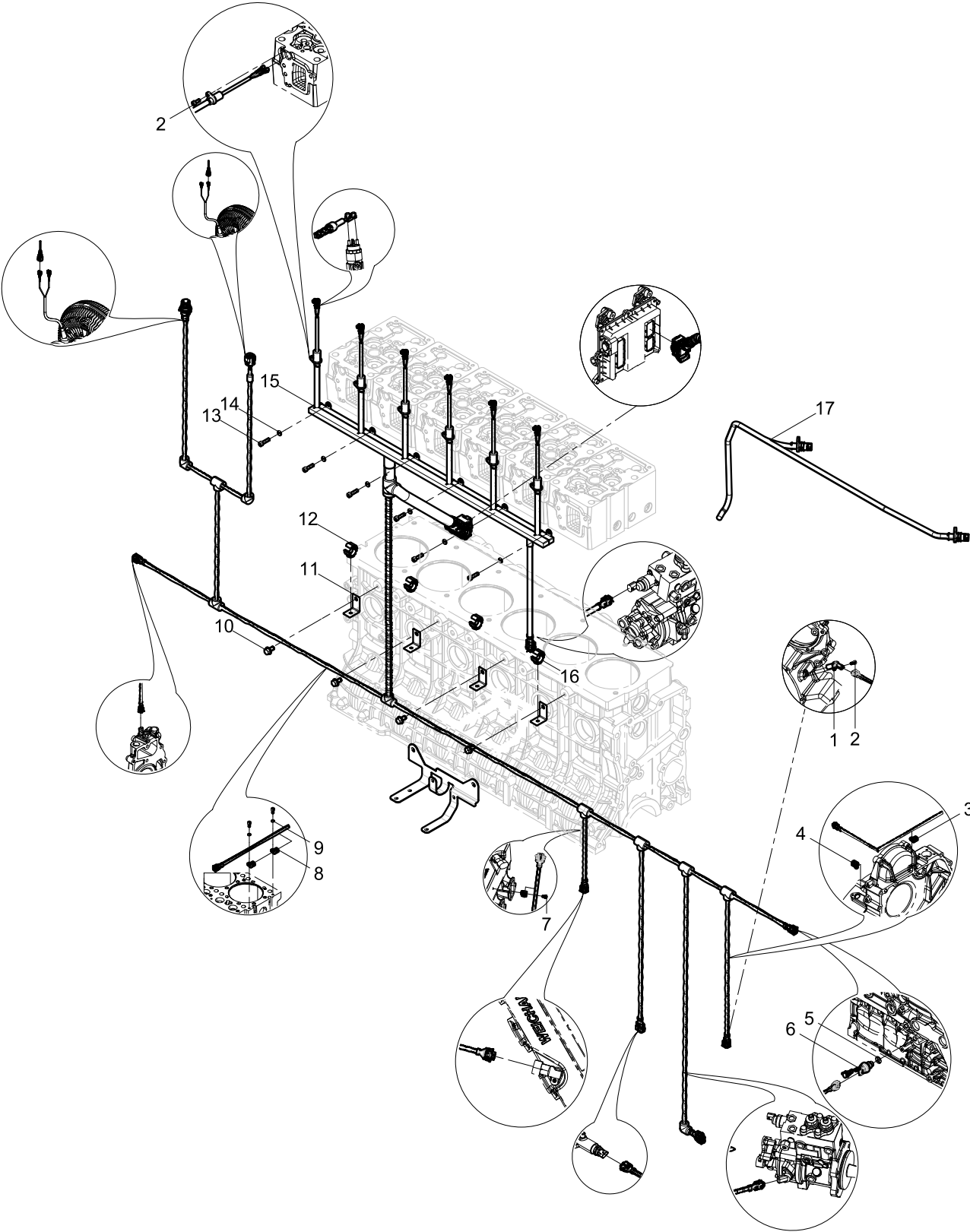
[illegible]

燃油水寒宝(Fuel System Protector)



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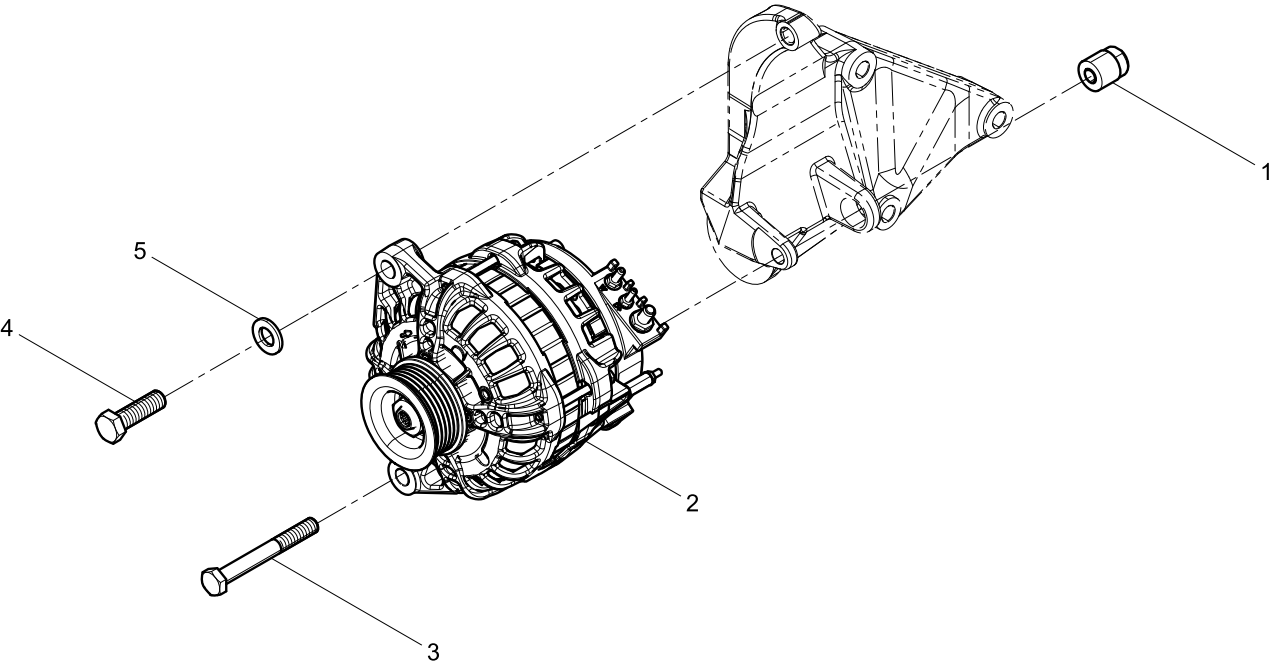
电控系统线束结合组(Electronic Control System Harness Group)



电控系统线束结合组(Electronic Control System Harness Group)

[illegible]

发电机结合组(Alternator Group)

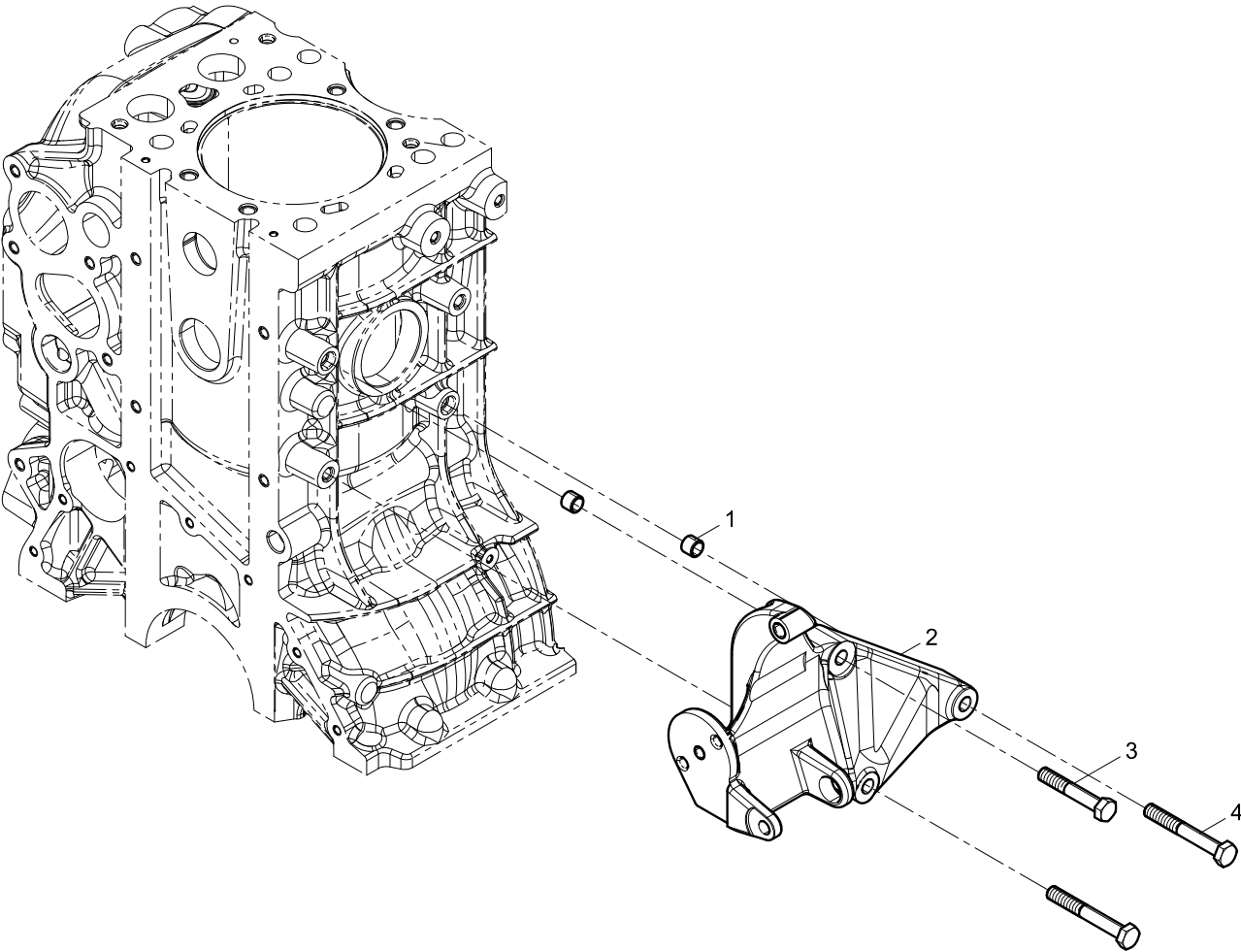




发电机结合组(Alternator Group)

[illegible]

发电机支架结合组(Alternator Bracket Group)



发电机支架结合组(Alternator Bracket Group)

[illegible]

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。

This manual is for reference only,
product parameters are subject to alteration
without notice,
whichever is the physical product.