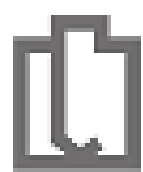




BAUDOUIN DIESEL PARTS CATALOGUE

6M16G250-5E3

 **MOTEURS**
Baudouin

PREFACE

This illustrated parts manual is specially prepared for customers to facilitate the use of 6M16 series diesel engine in operation and maintenance.

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 contact SHIG India.

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 SHIG India , Consumers can acquire information of this product through www.shigindia.com.

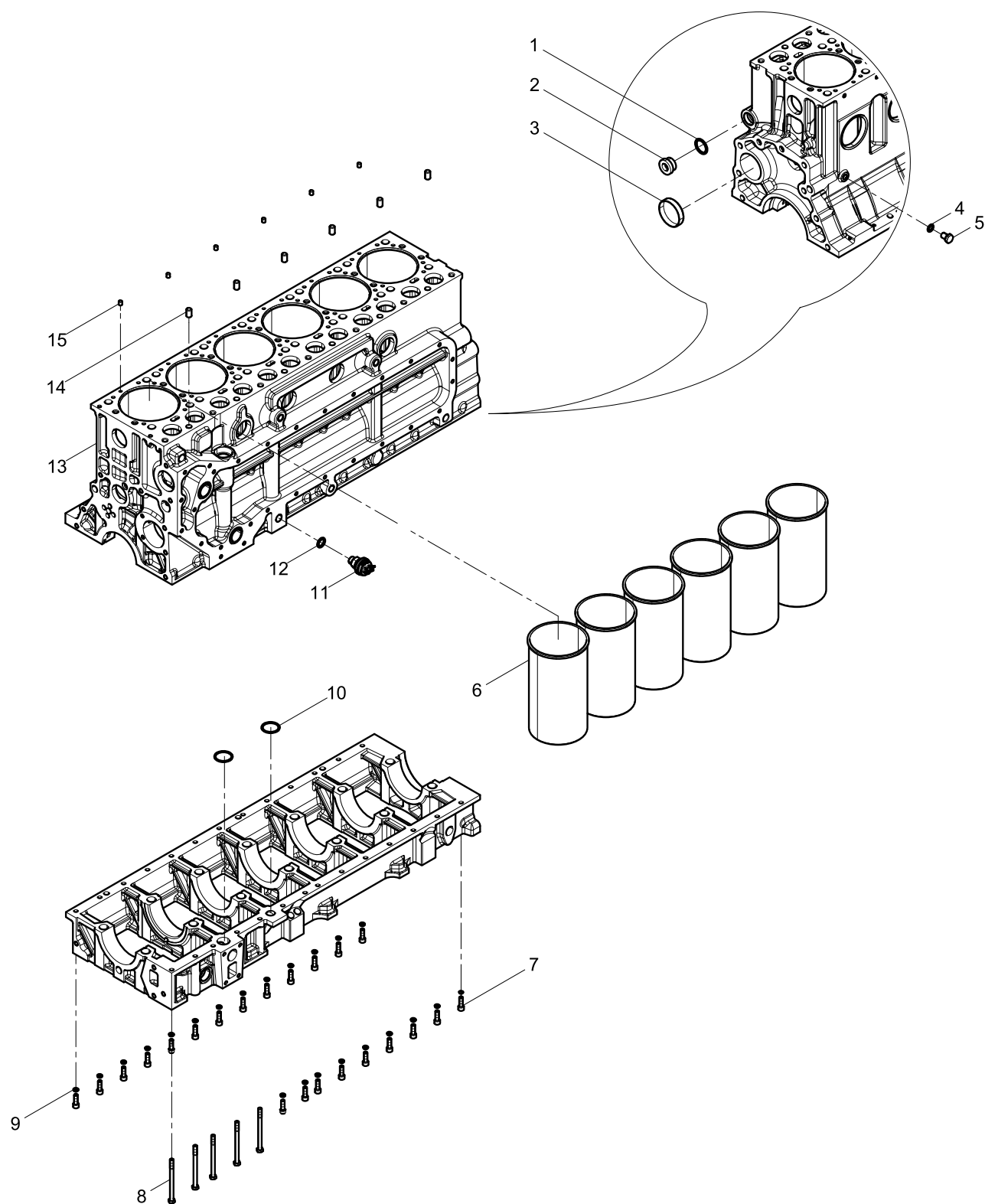
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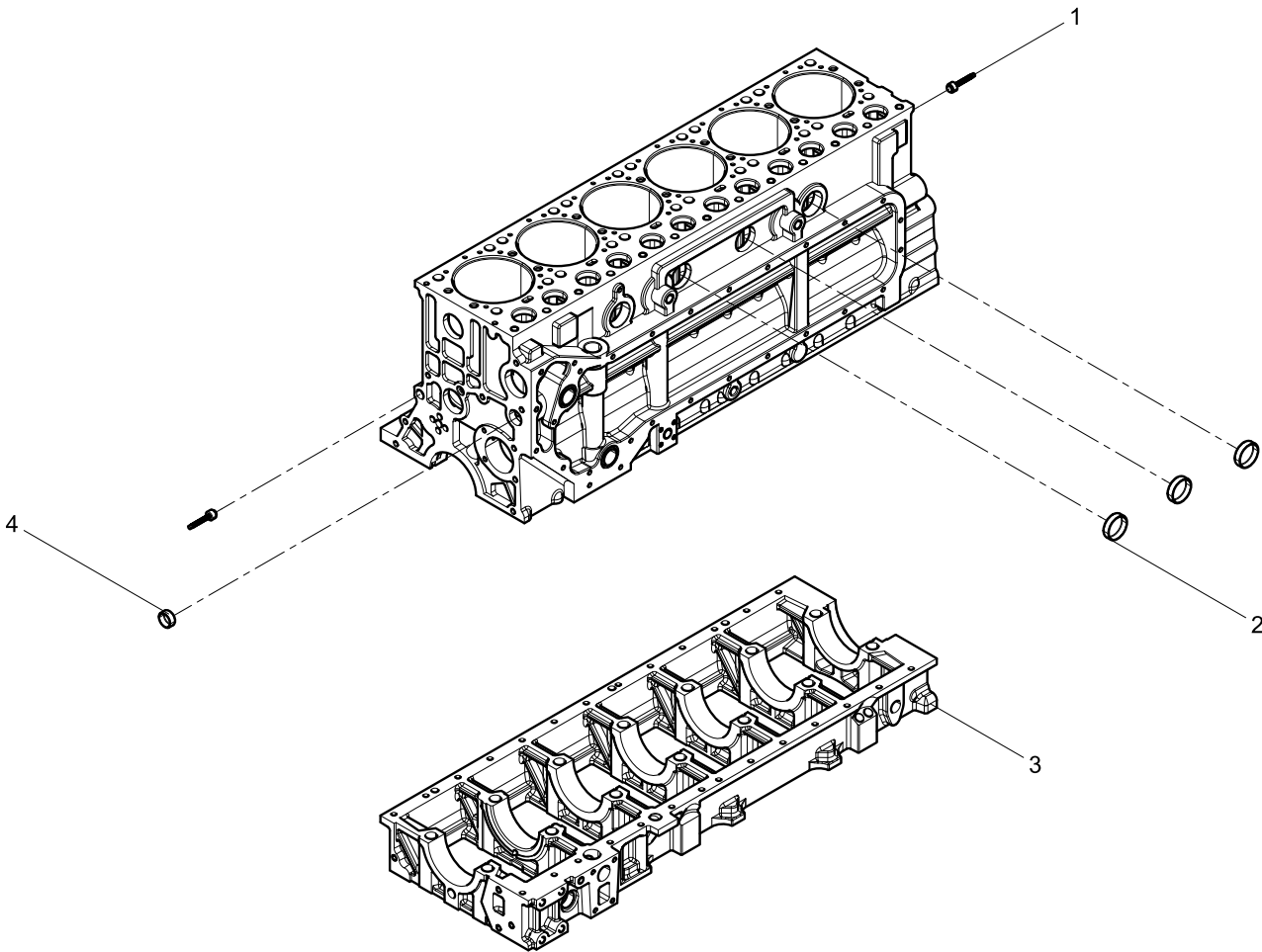
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Engine Block Group



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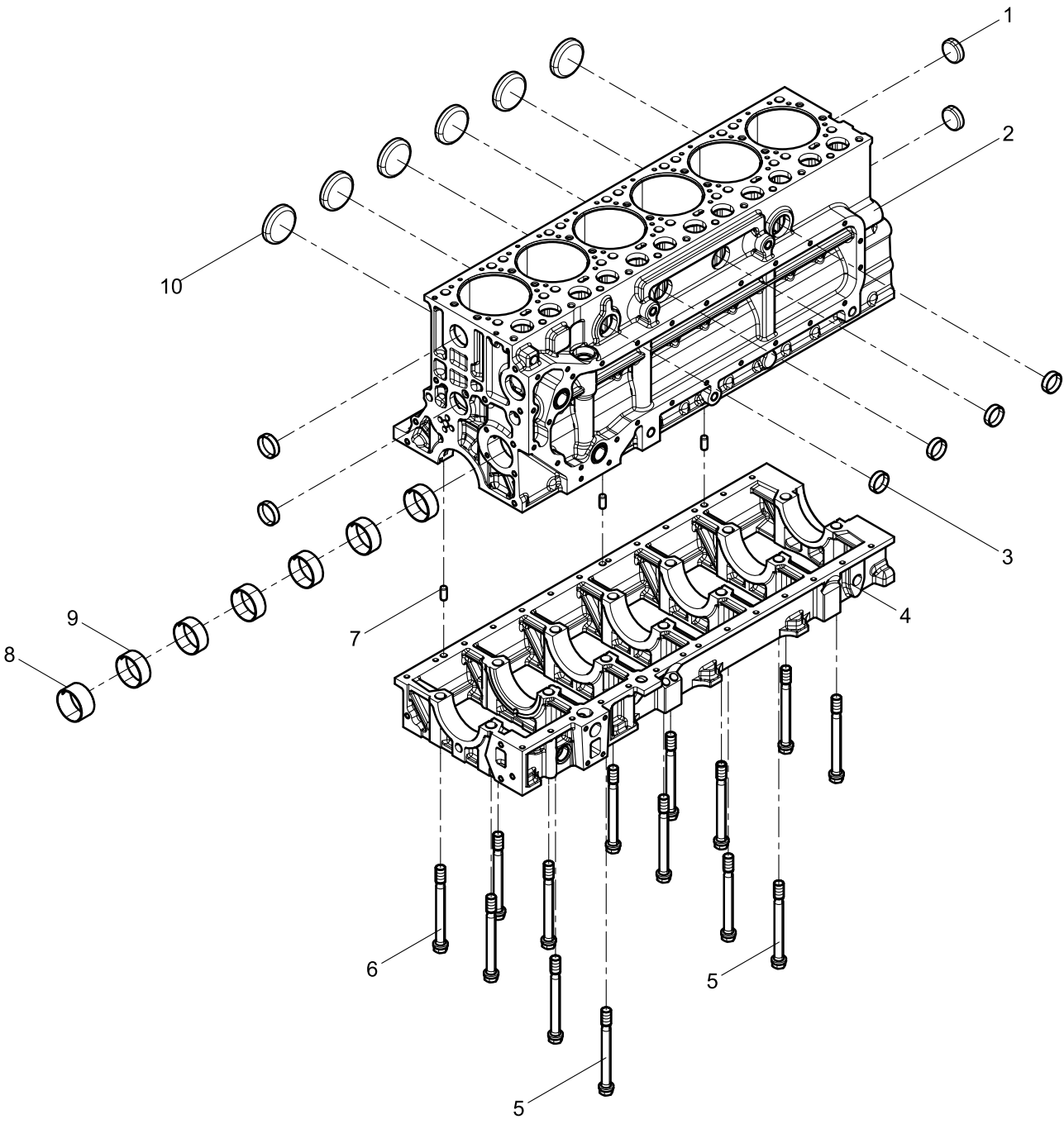
crankcase assembly



crankcase assembly

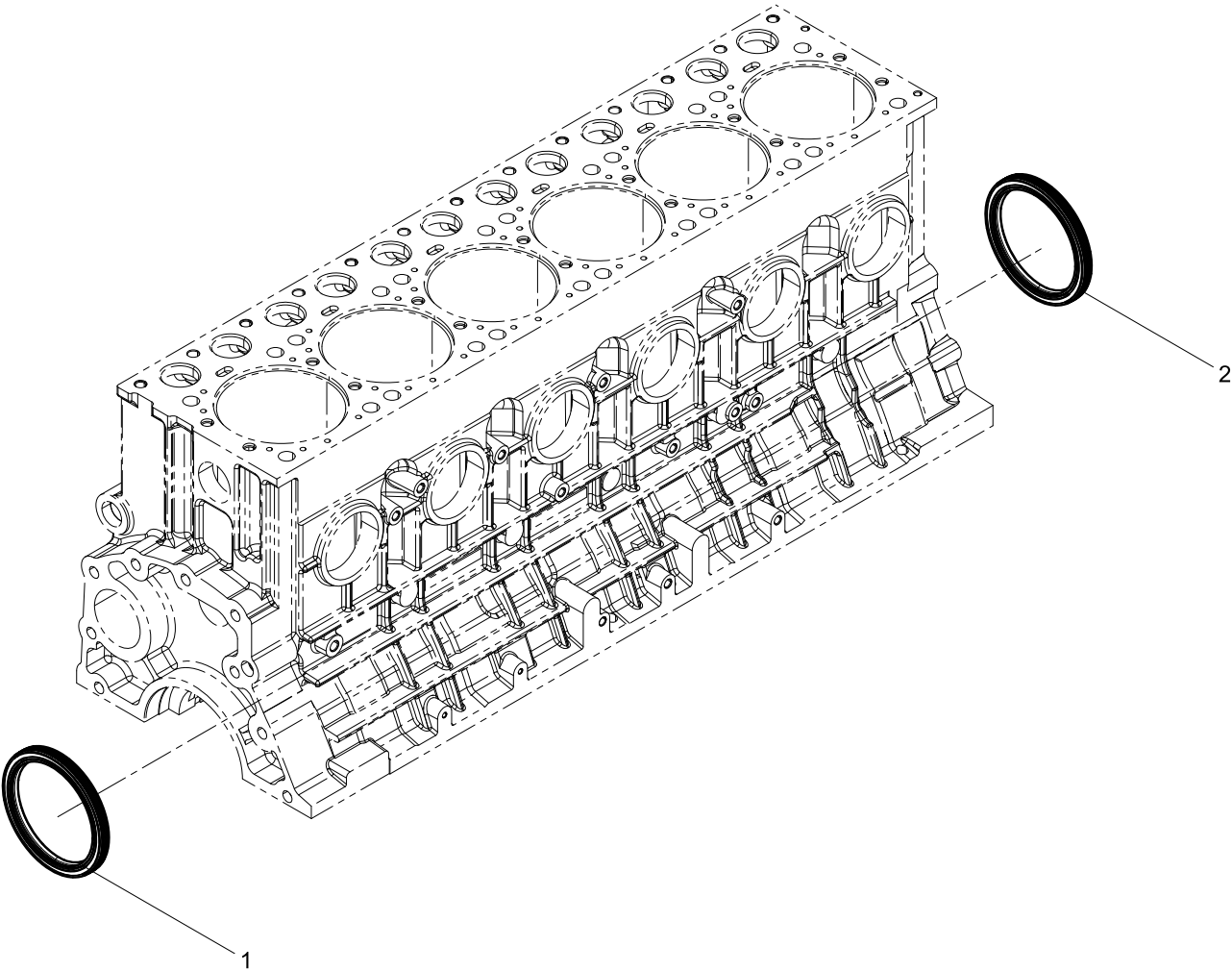
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Cylinder Block Preassembly



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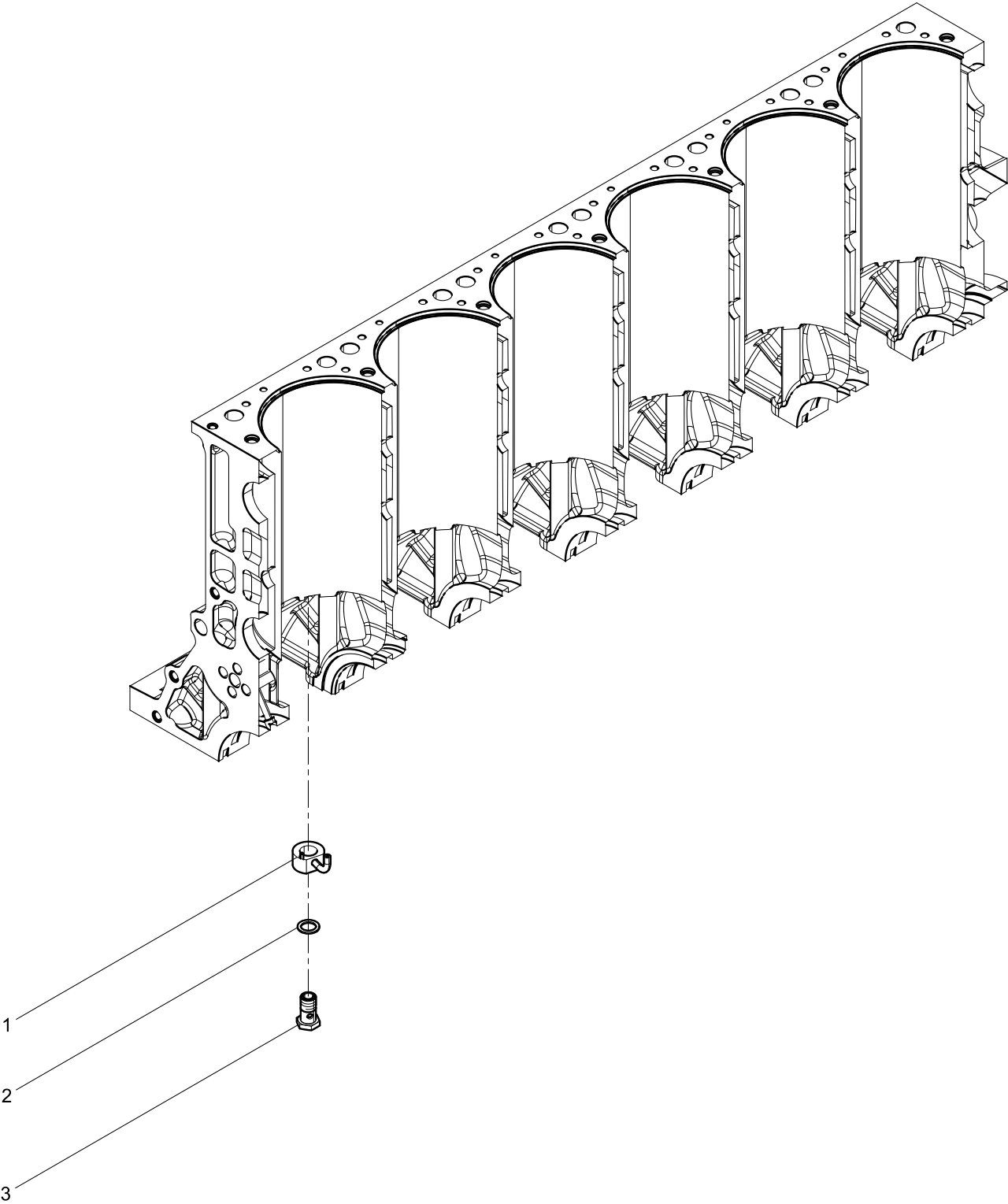
Oil Seal Set



Oil Seal Set

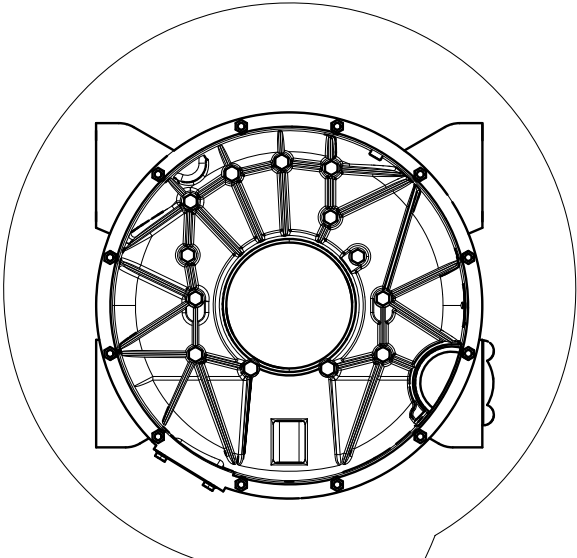
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Nozzle Set



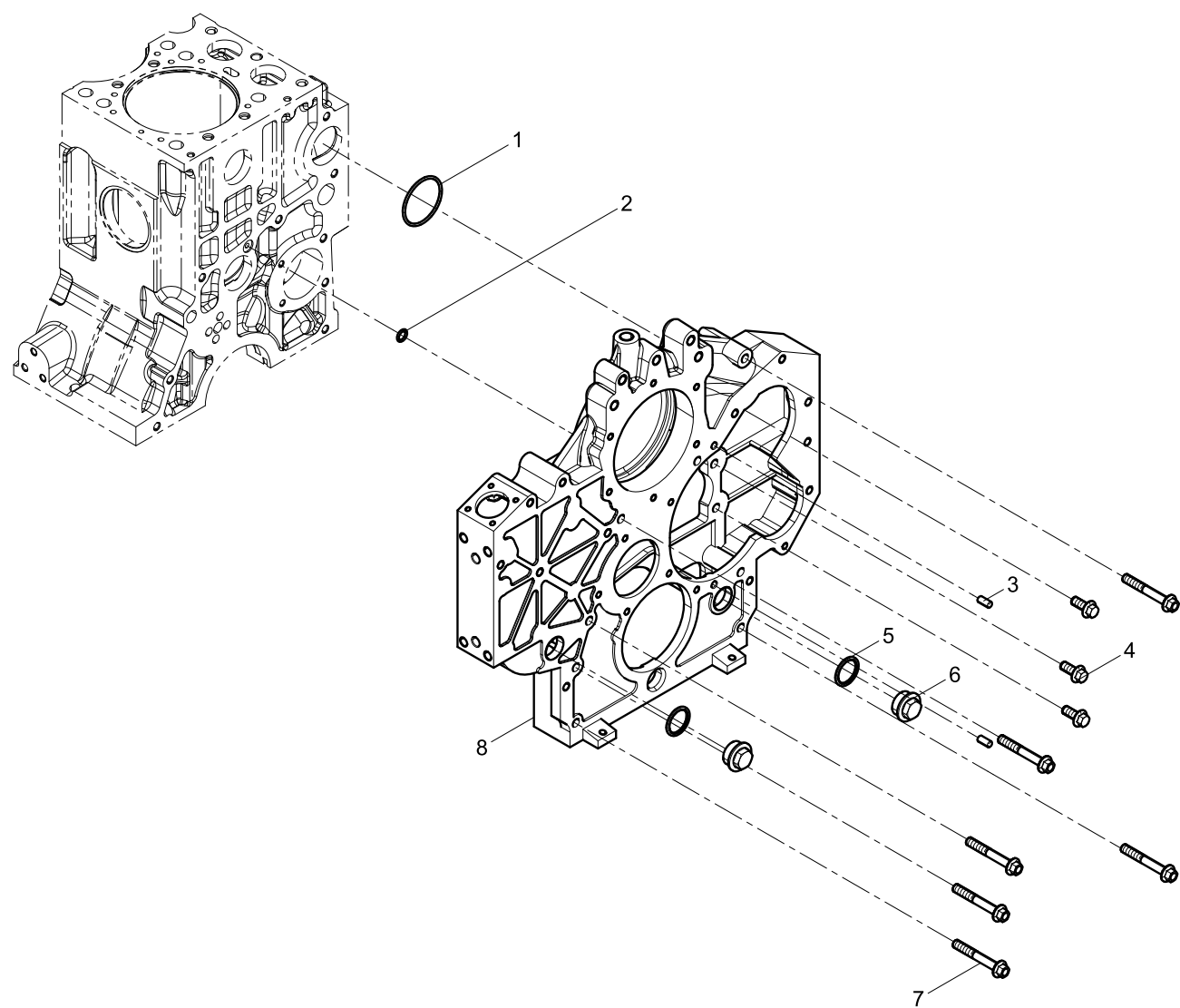
Nozzle Set

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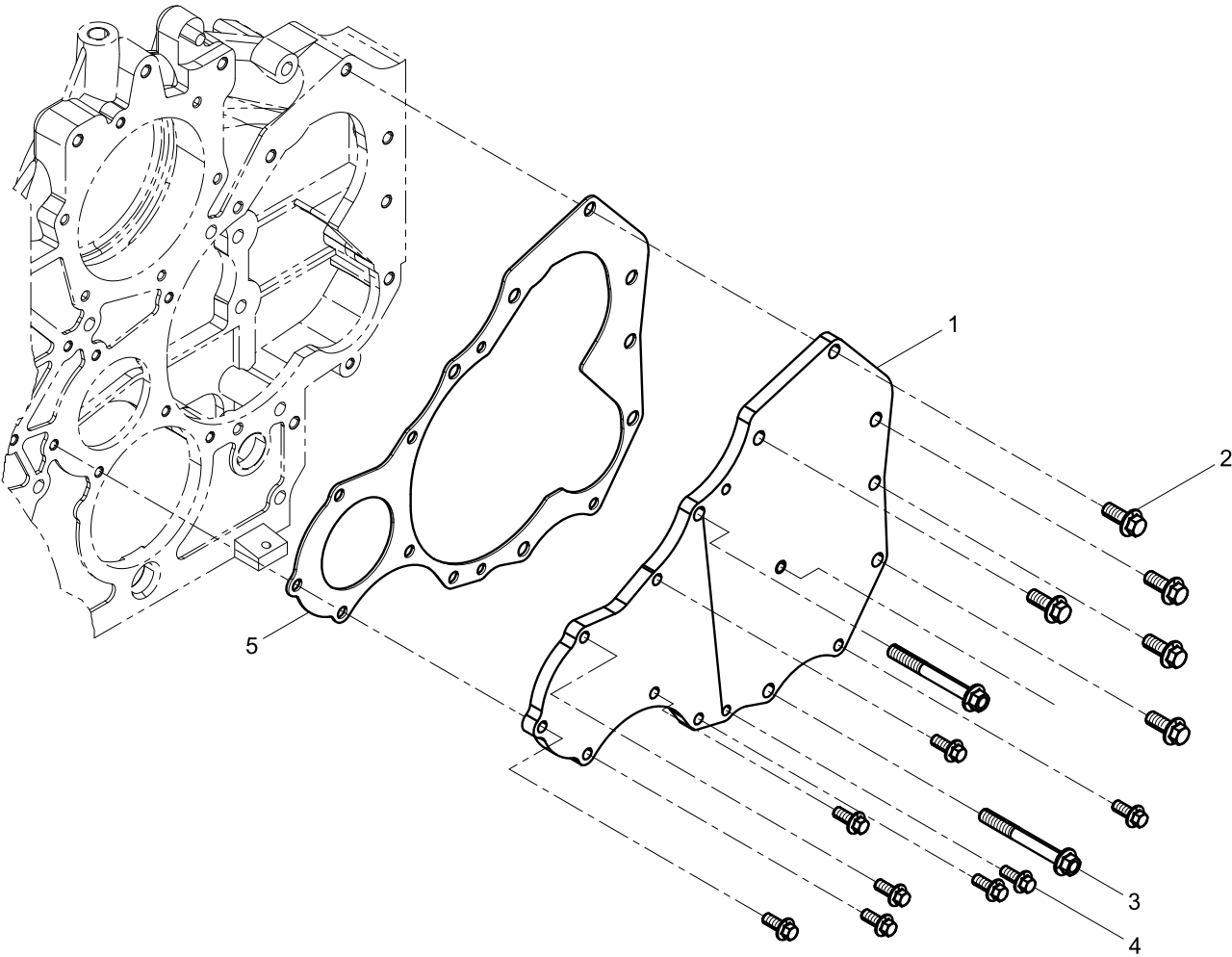
Timing Gear Housing Group



Timing Gear Housing Group

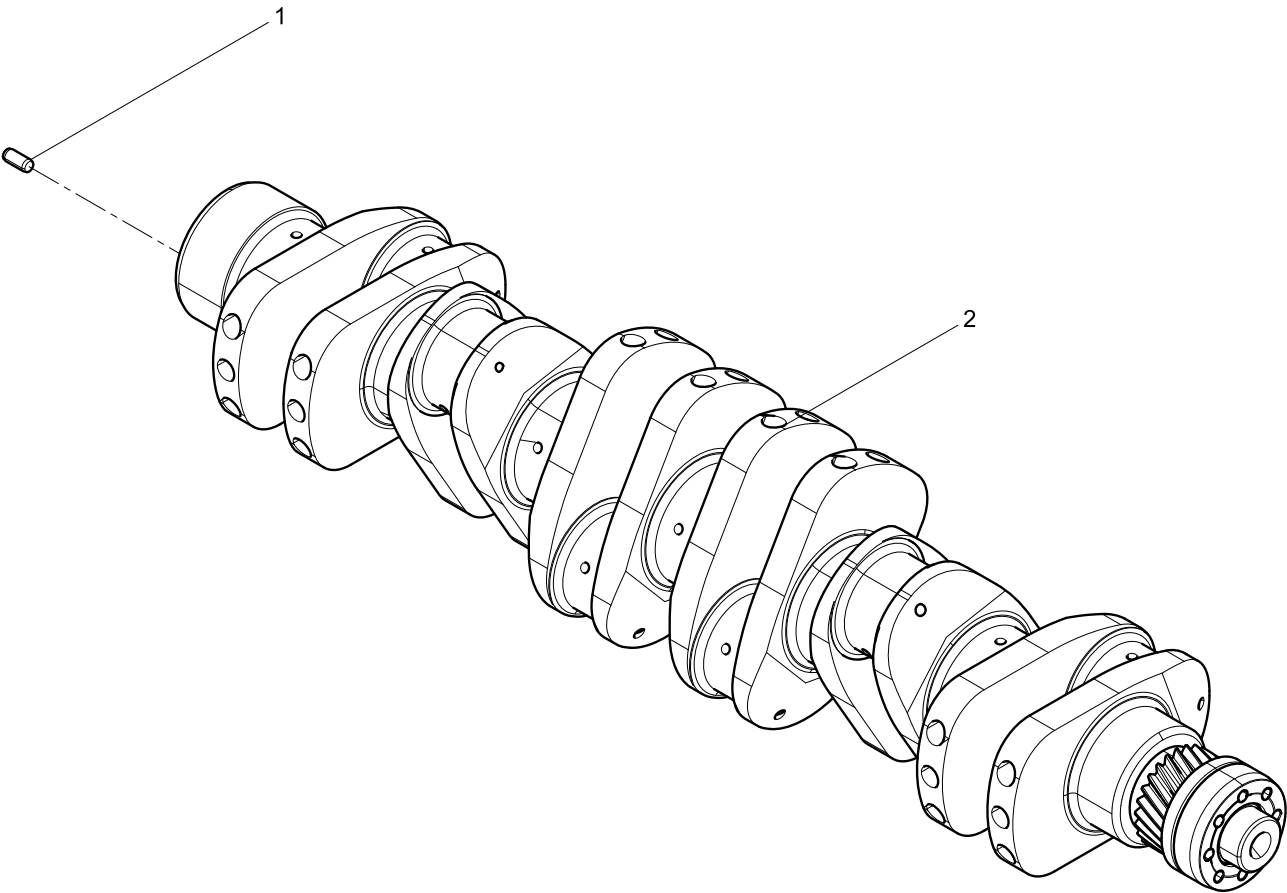
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Front cover group



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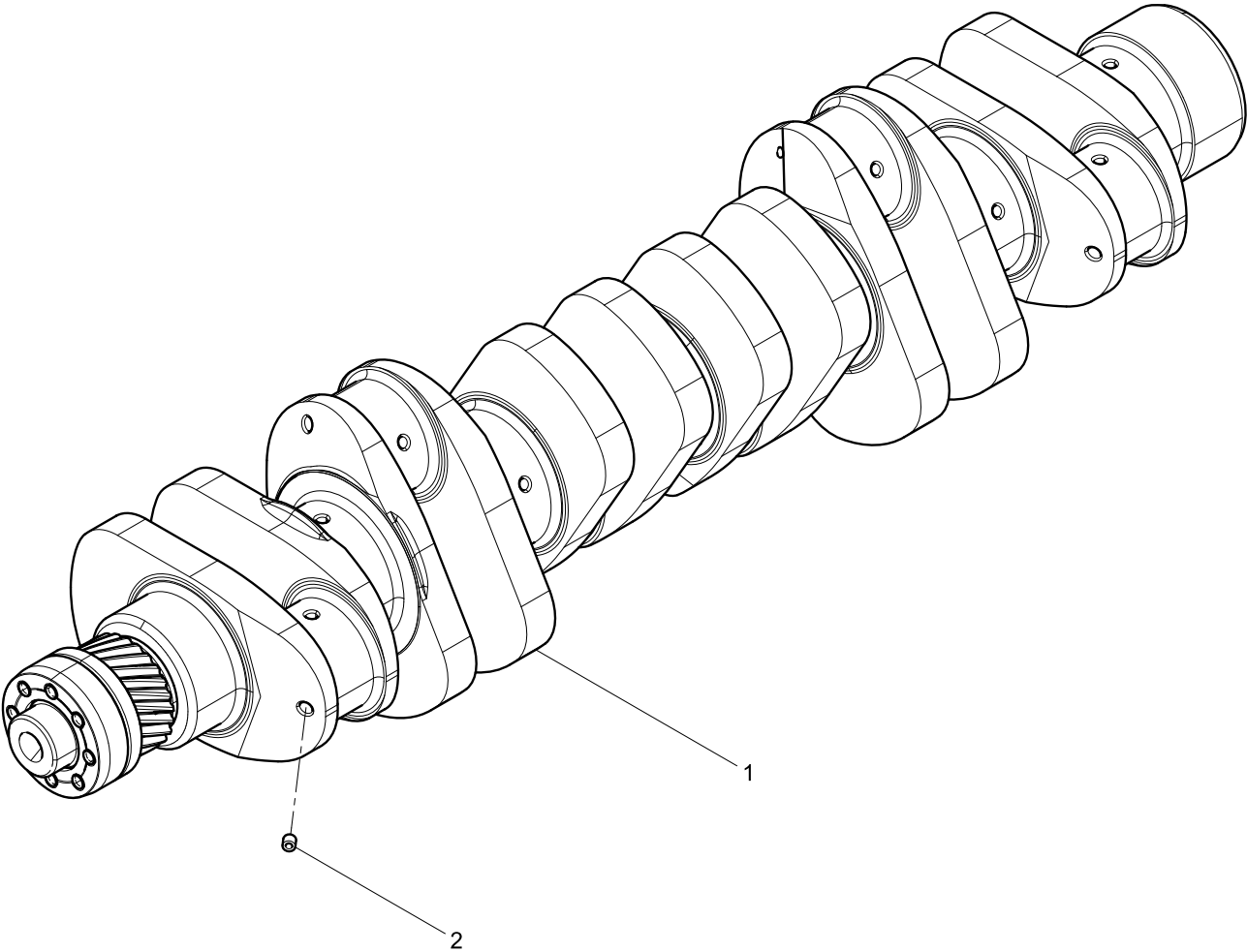
Crankshaft Subassembly



Crankshaft Subassembly

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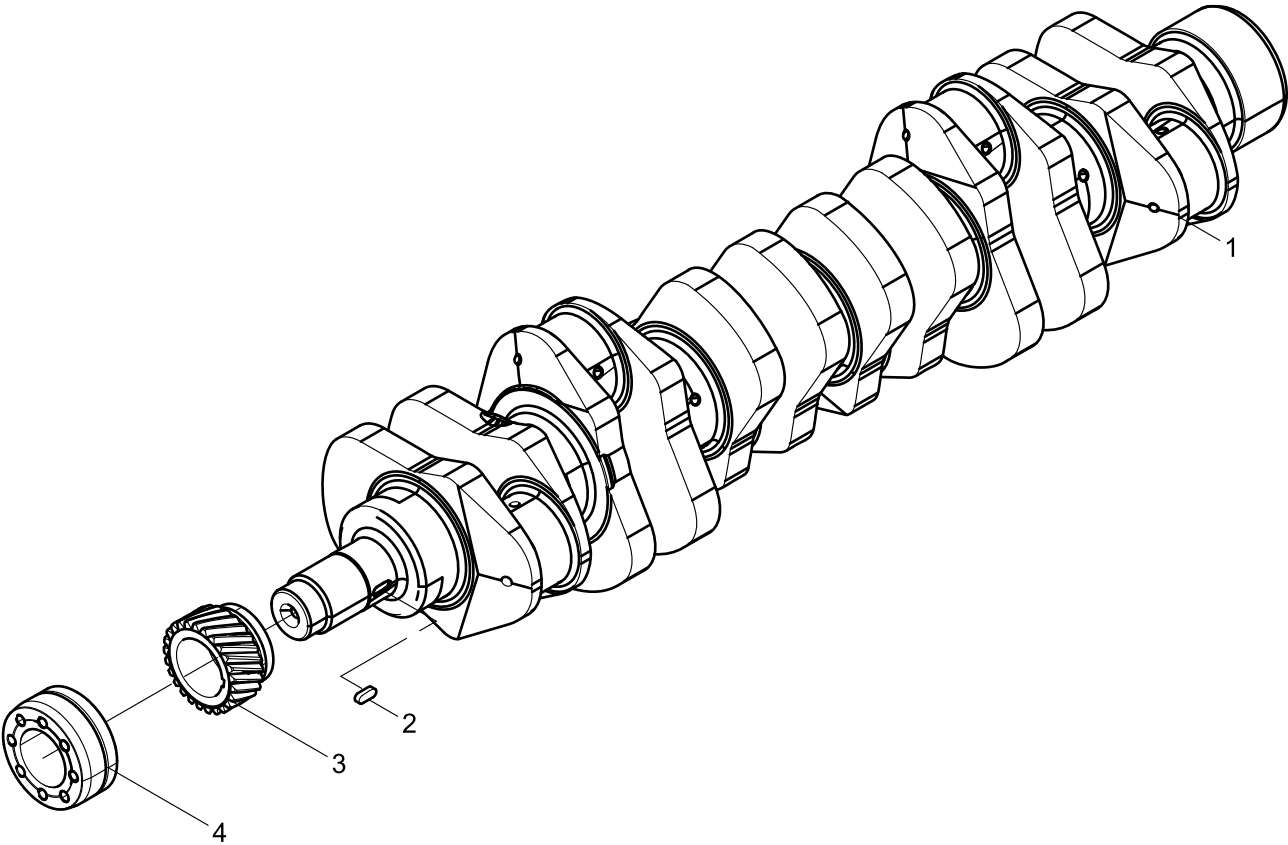
Crankshaft Assembly



Crankshaft Assembly

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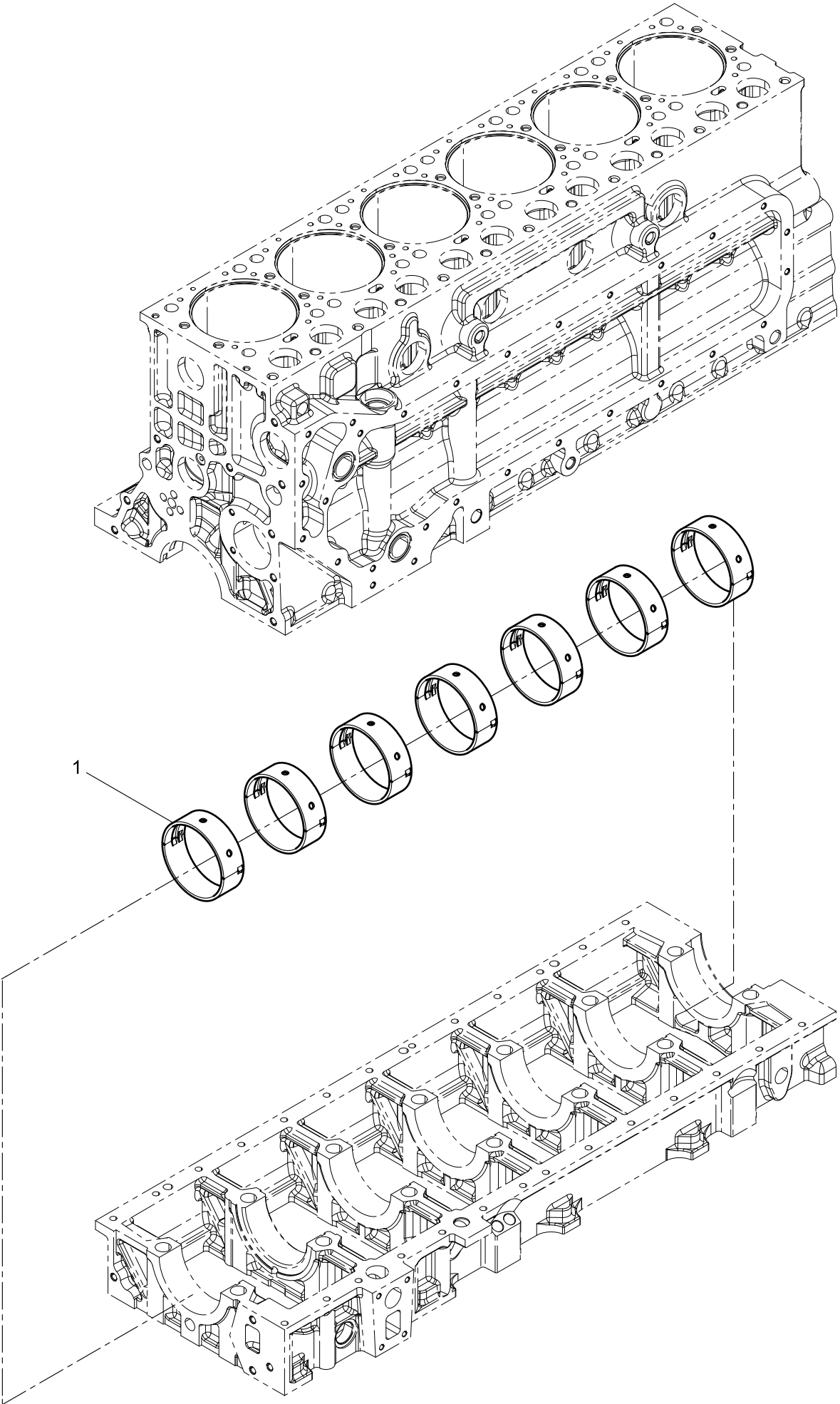
Crankshaft Subassembly



Crankshaft Subassembly

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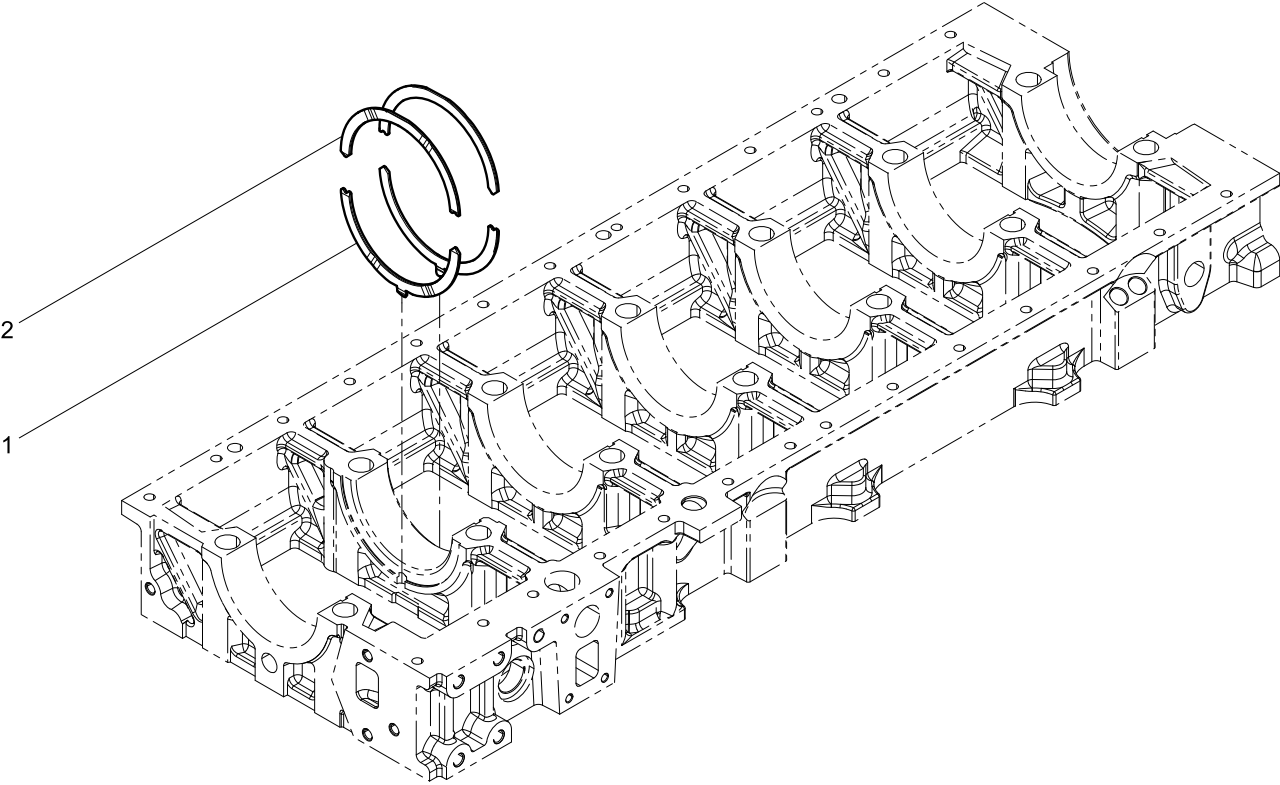
Main Bearing Group



Main Bearing Group

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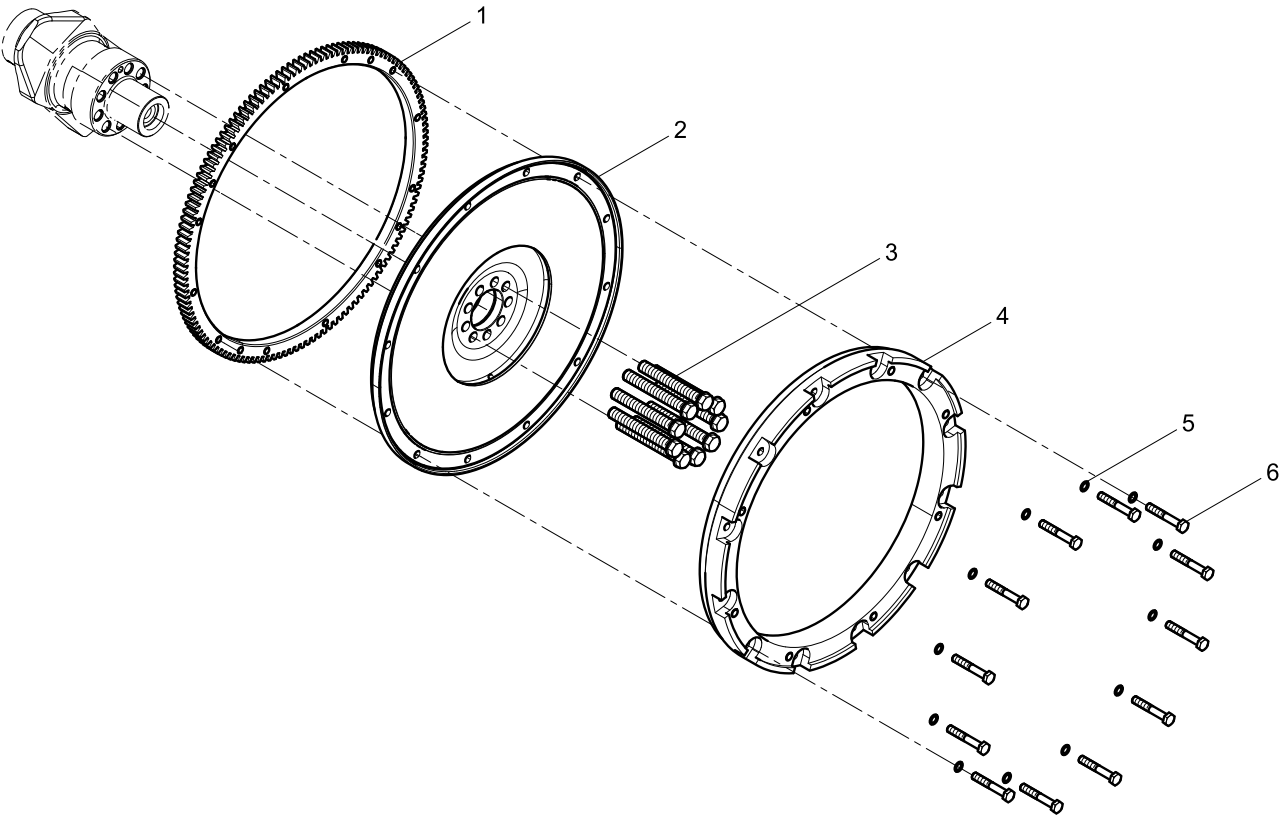
Thrust Plate Group



Thrust Plate Group

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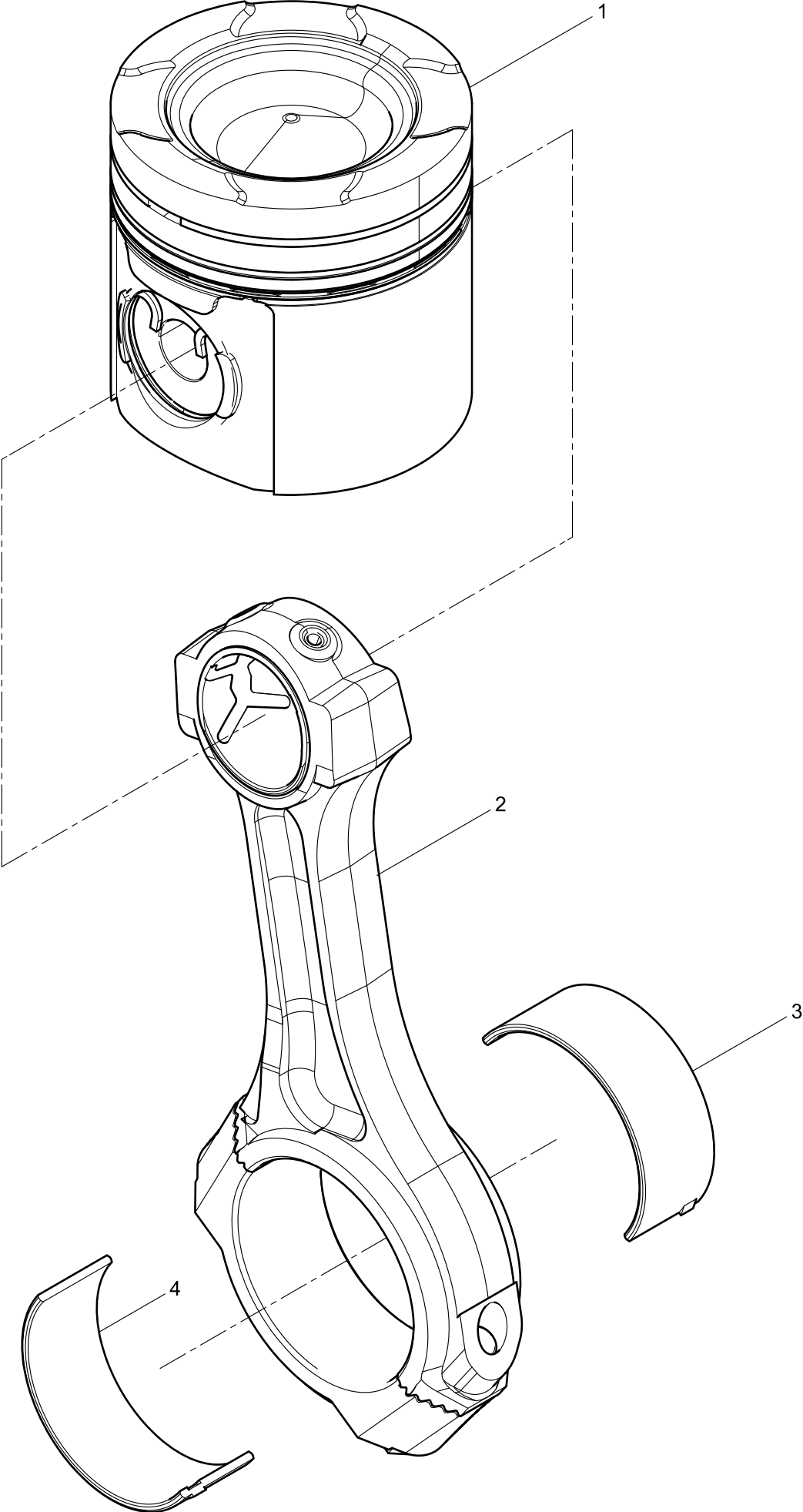
Flywheel Group



Flywheel Group

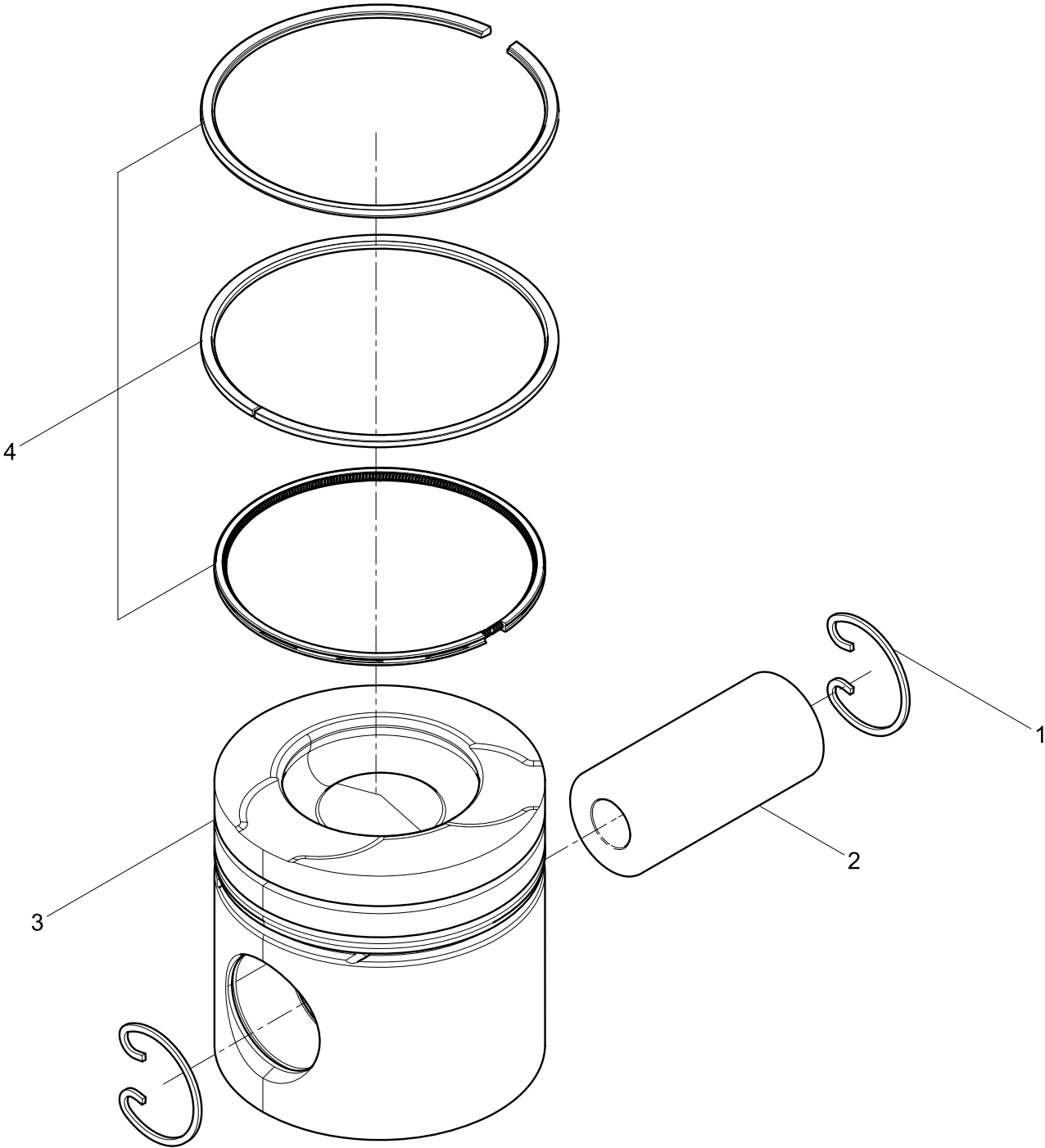
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Piston and Connecting Rod Group



30

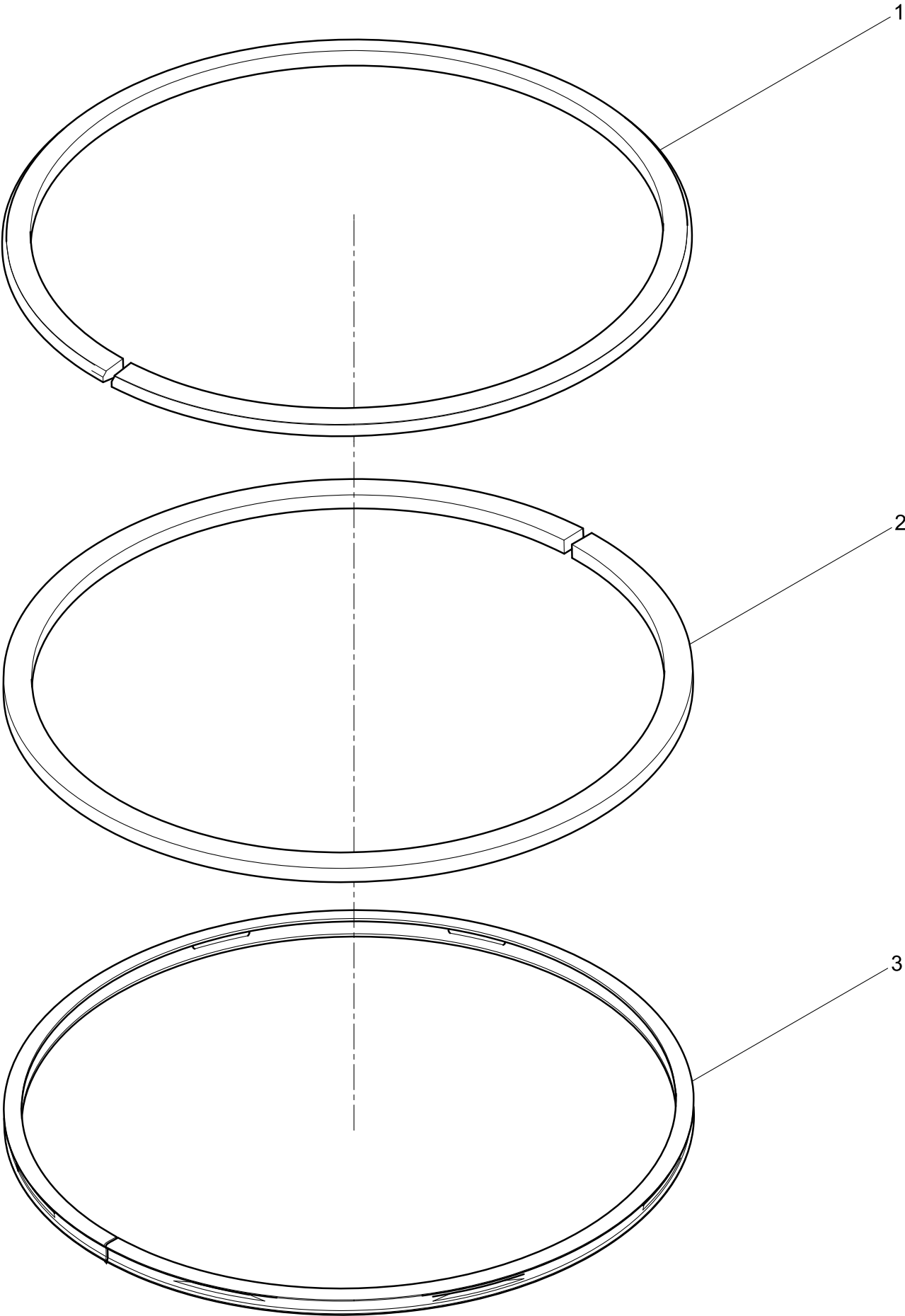
Piston Assembly



Piston Assembly

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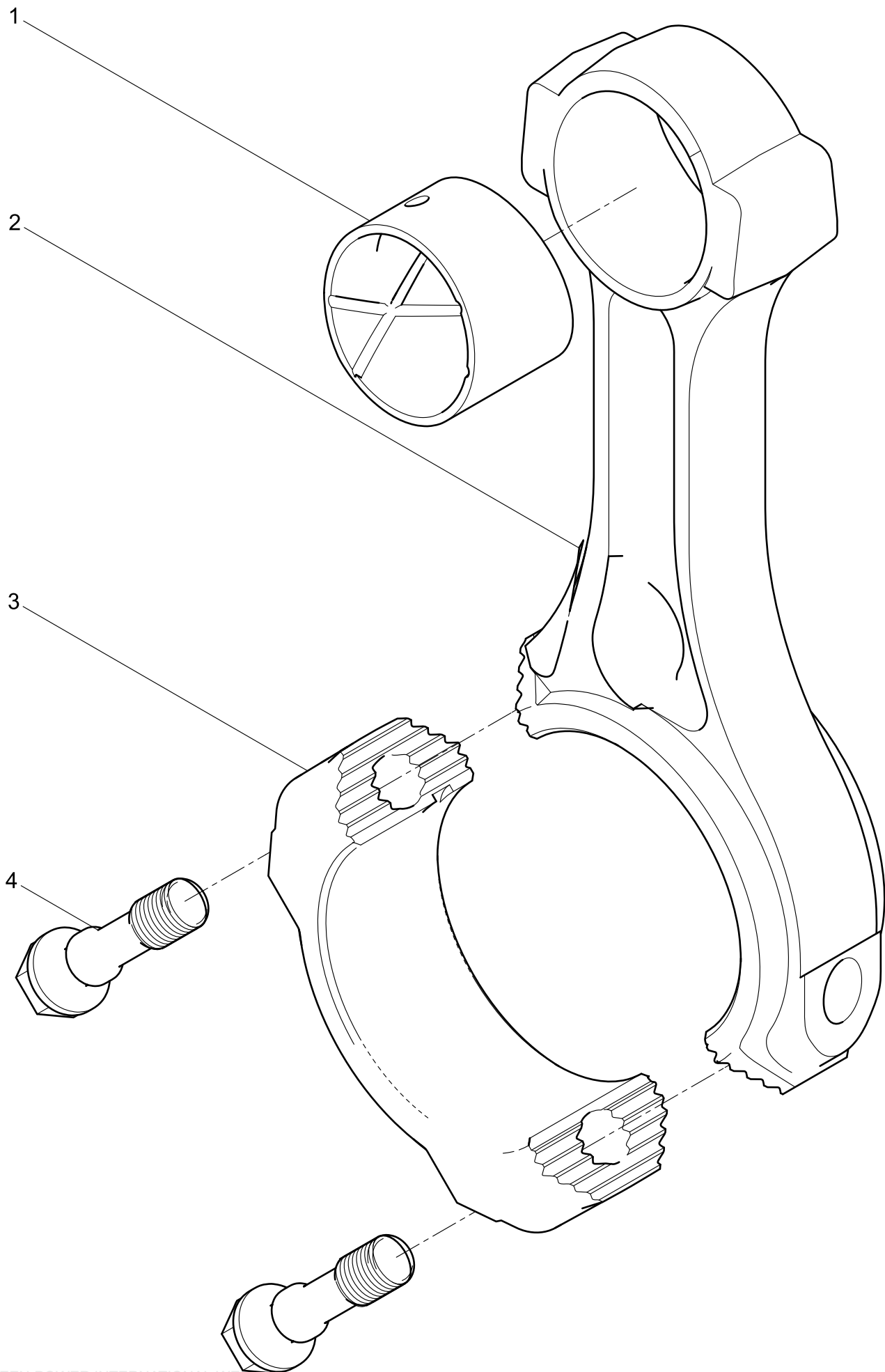
Piston Ring Set



Piston Ring Set

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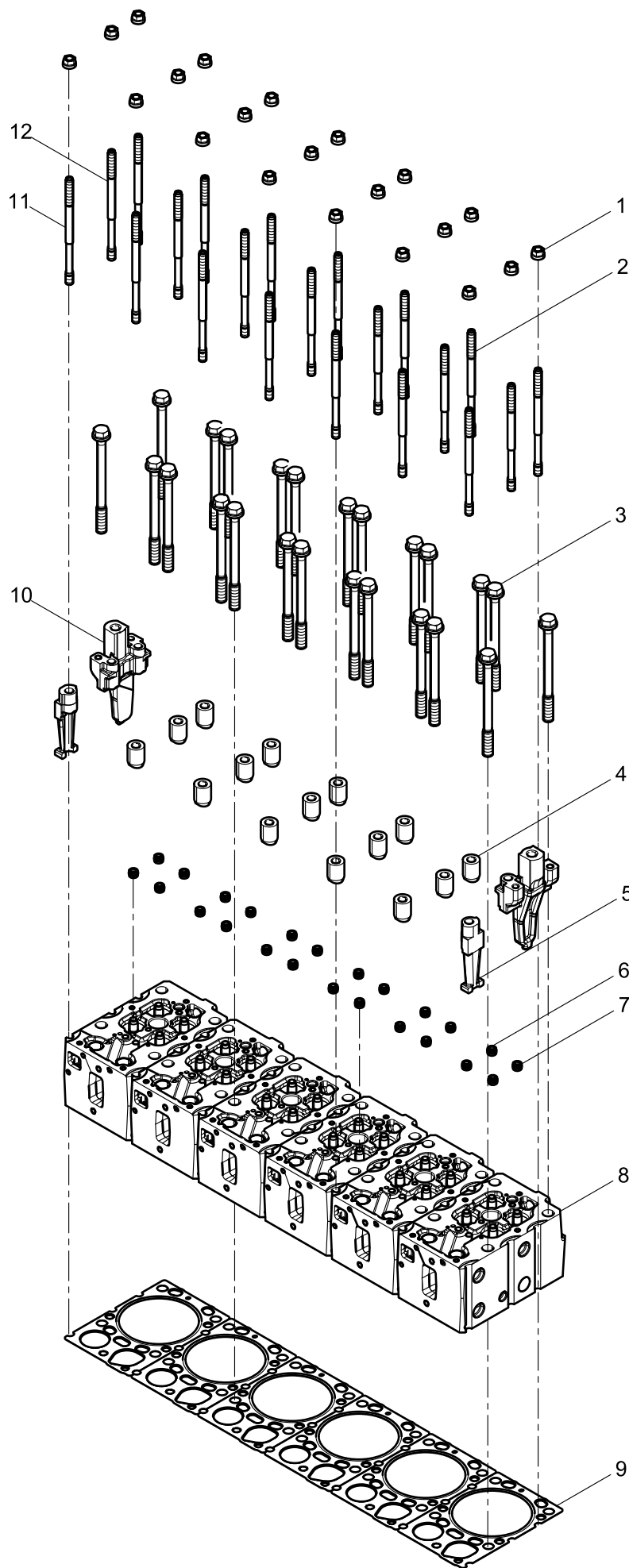
Connecting Rod Assembly



Connecting Rod Assembly

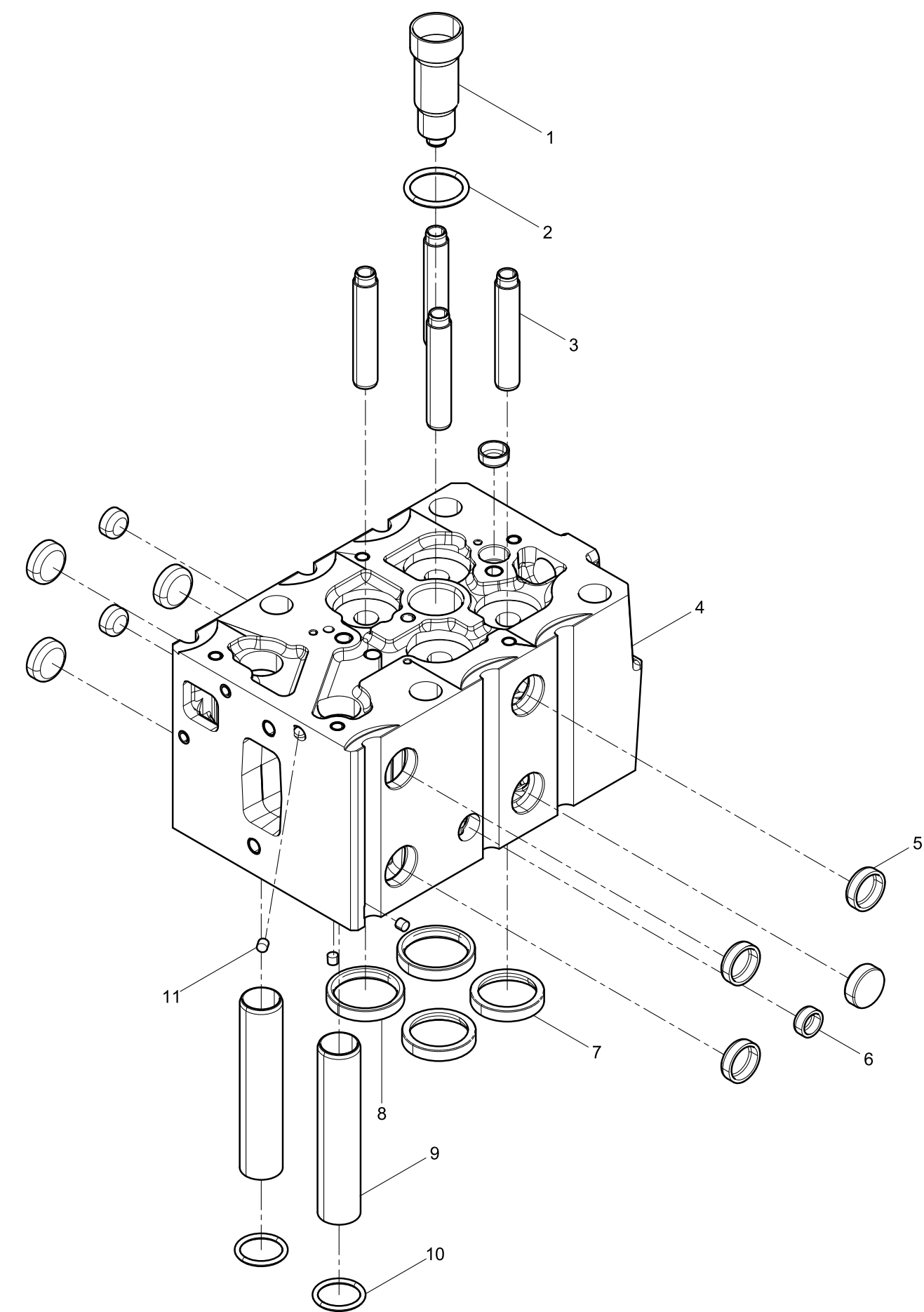
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Cylinder Head Group



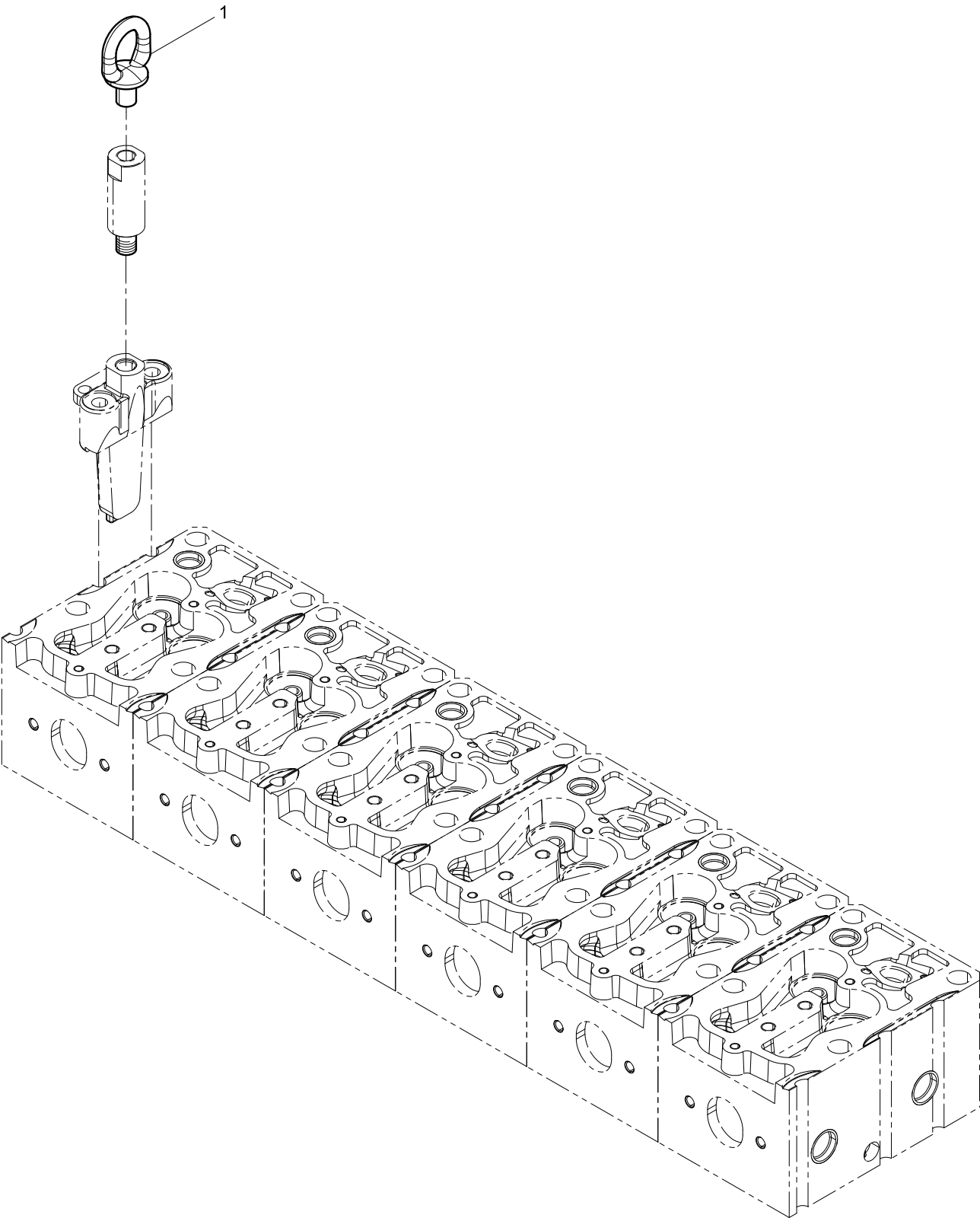
38

Cylinder Head Subassembly



[illegible]

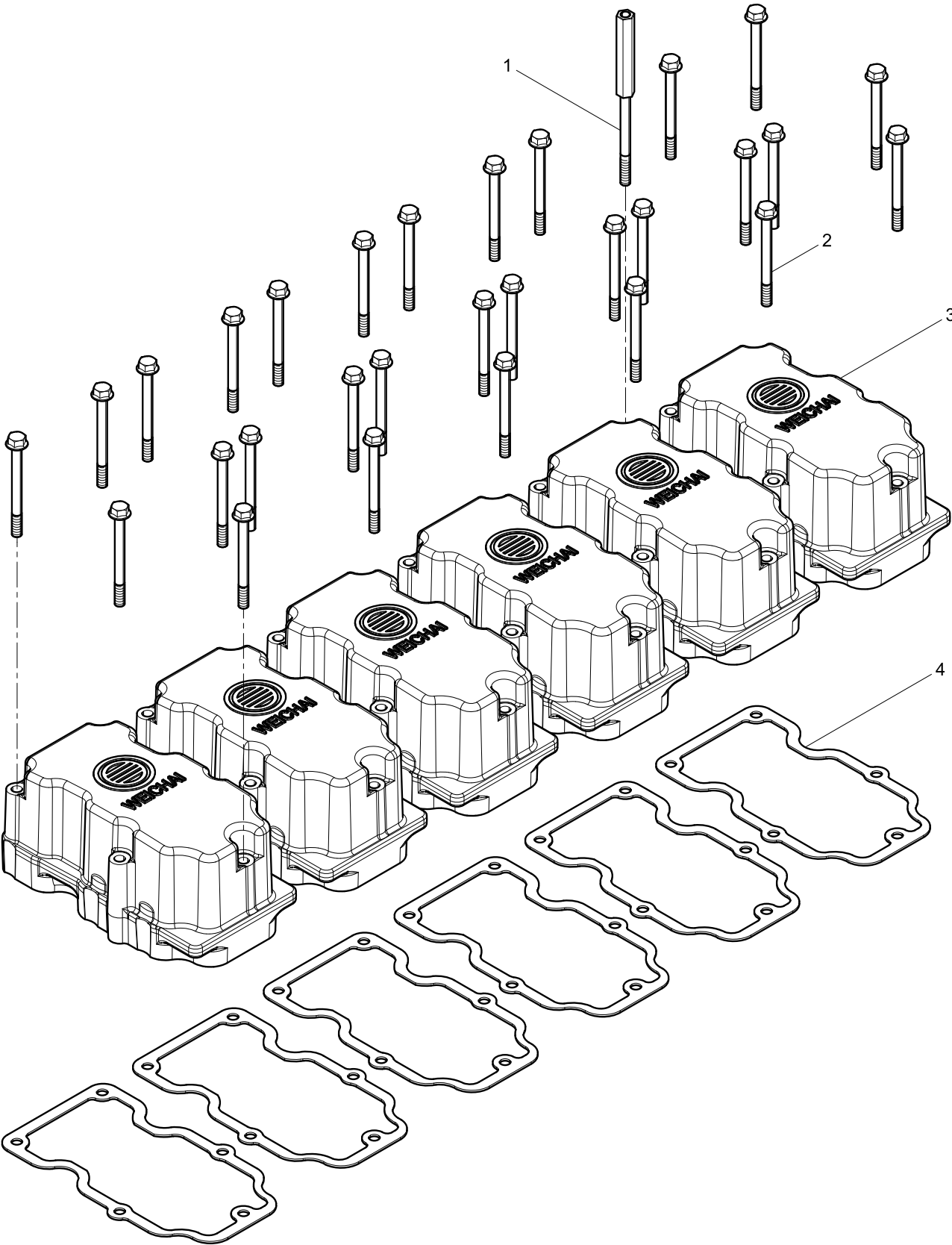
Eye Ring Group



Eye Ring Group

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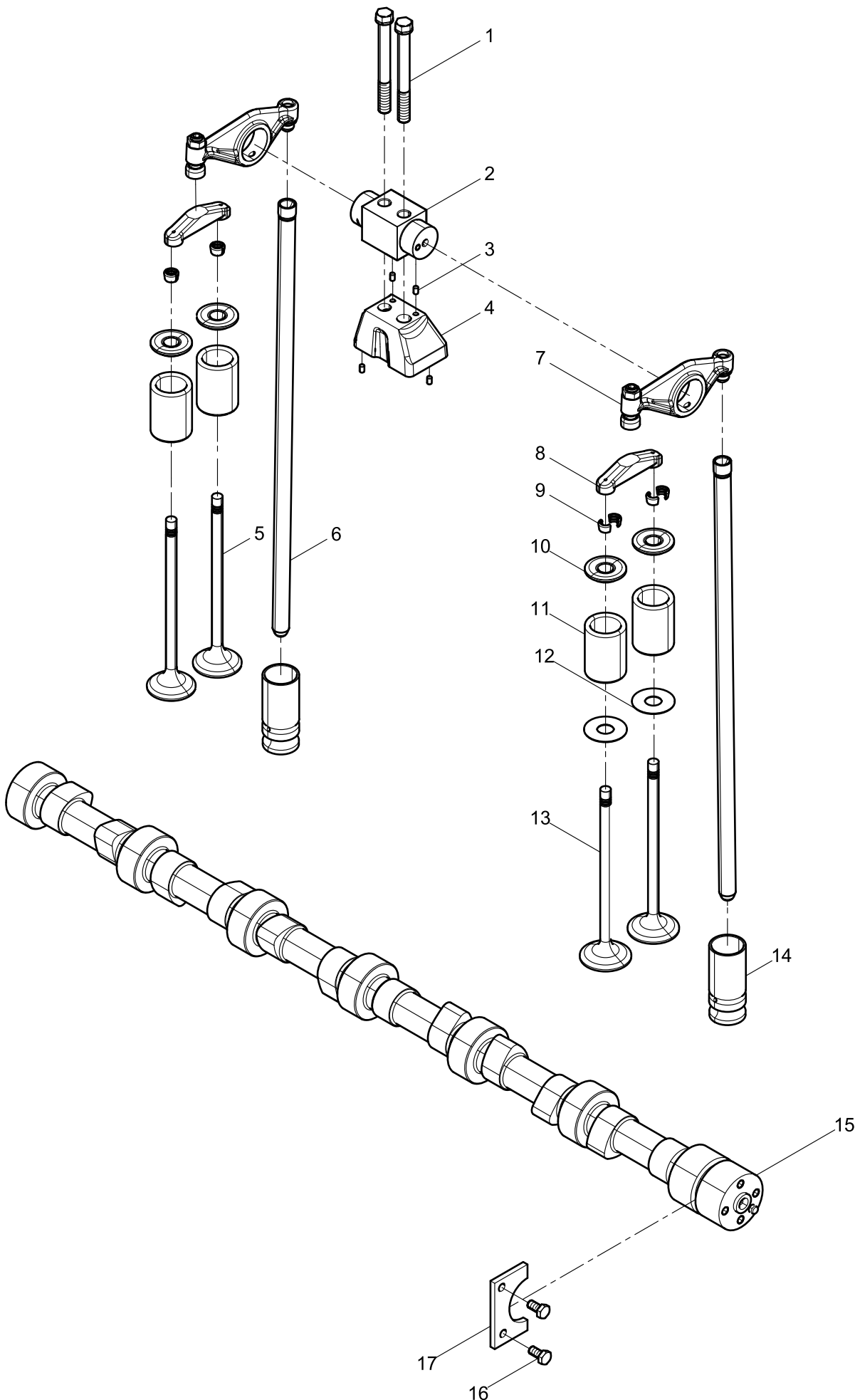
Cylinder Head Cover Group



Cylinder Head Cover Group

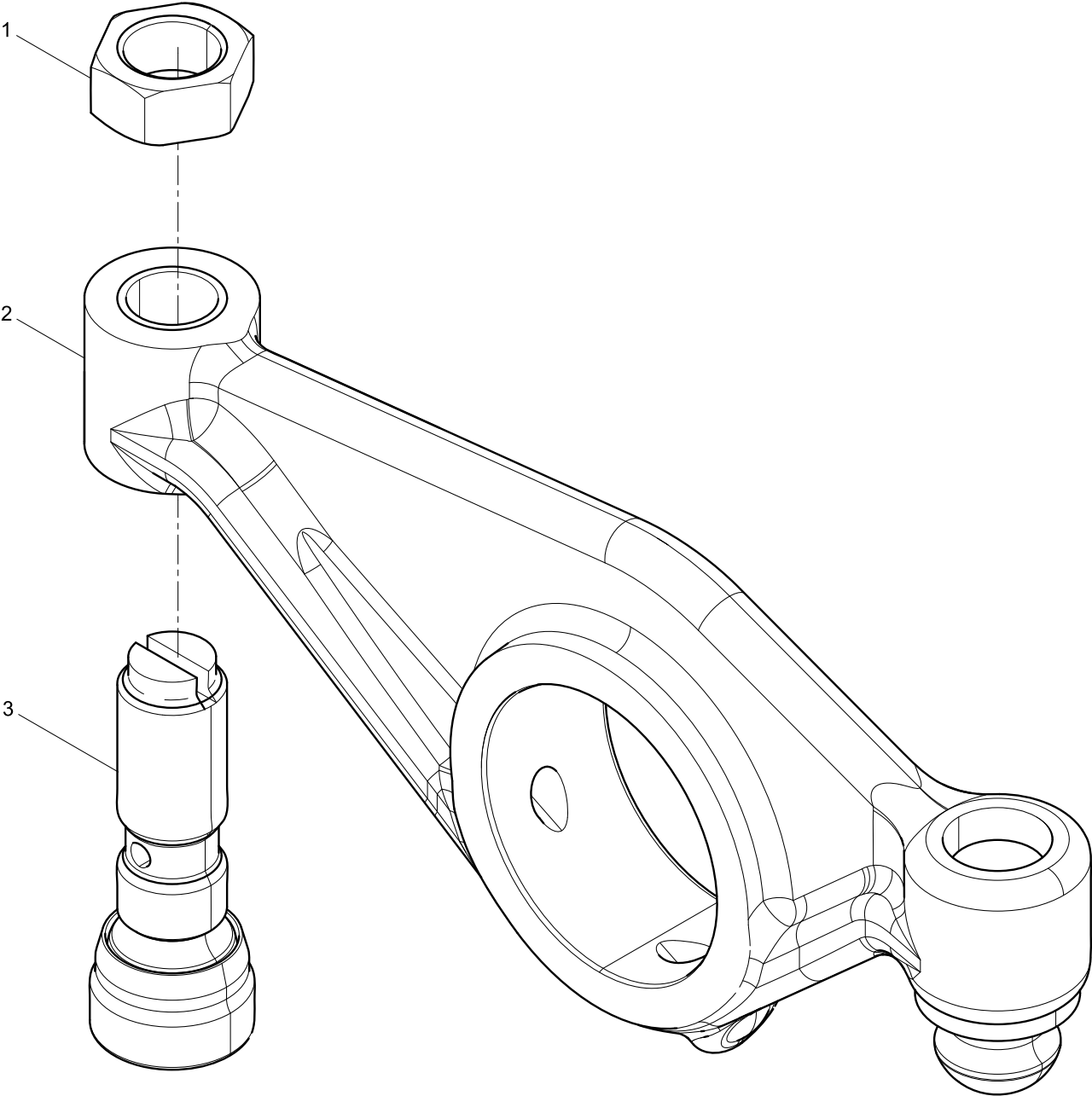
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Valve Train Group



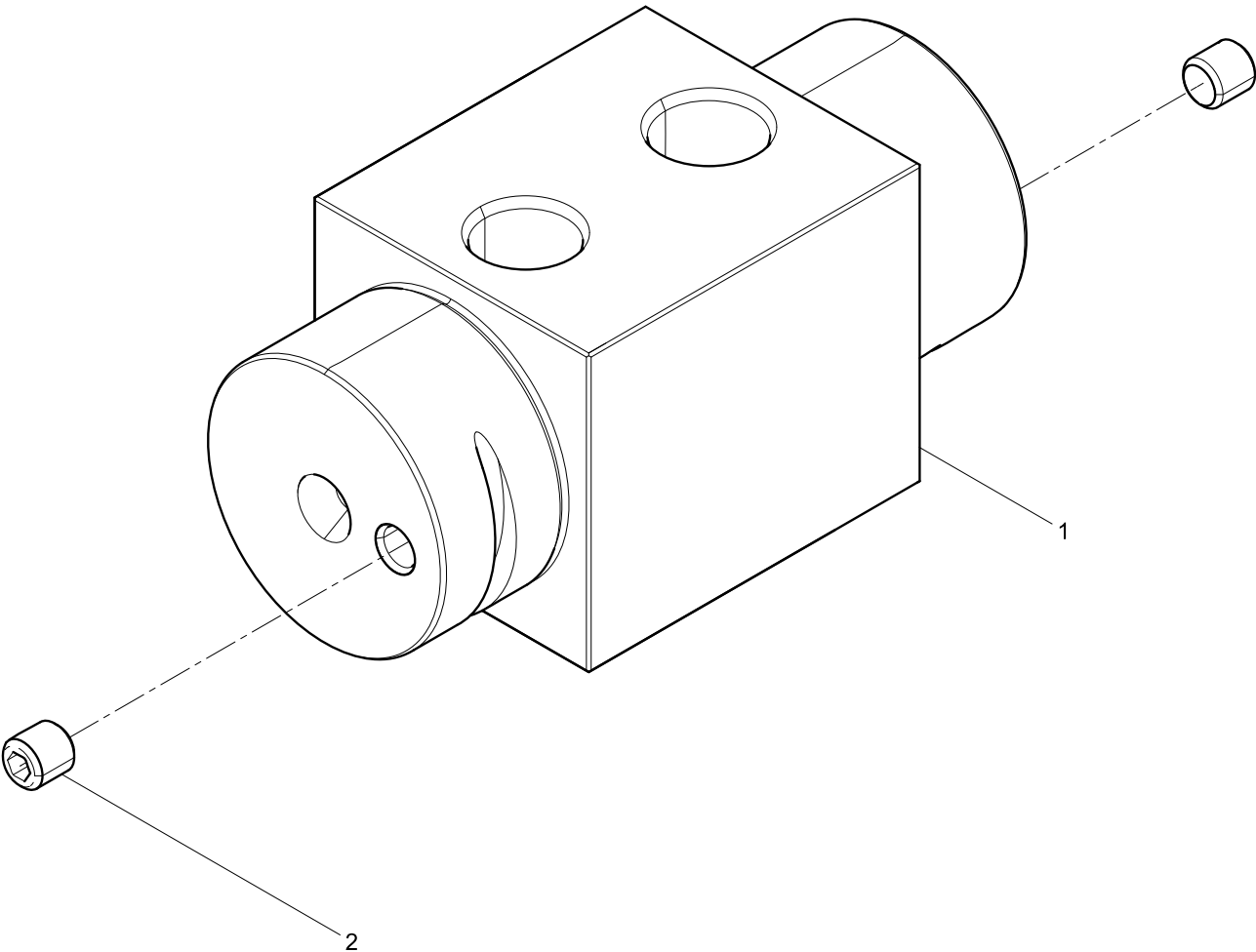
Valve Train Group

Pos.	Teile.Number	Amount	Designation
1	1000271249	12	Hexagon Head Bolt
2	612630050018	6	Rocker Arm Shaft Set
3	612639000087	12	Parallel Pin
4	612630050013	6	Rocker Arm Bracket Assembly
5	612630050002	12	Exhaust Valve
6	1000495052	12	Push Rod
7	1000495389	12	
8	612630050009	12	Valve Bridge
9	612630050015	48	Valve Collet
10	612630050014	24	Valve Spring Top Retainer
11	612630050005	24	Valve Spring
12	612630050019	12	Valve Spring Bottom Retainer
13	612630050001	12	Intake Valve
14	61500050032	12	Tappet
15	612650050006	1	Camshaft Assembly
16	90003802399S	2	Hexagon Head Bolt
17	614050133	1	Camshaft Thrust Plate



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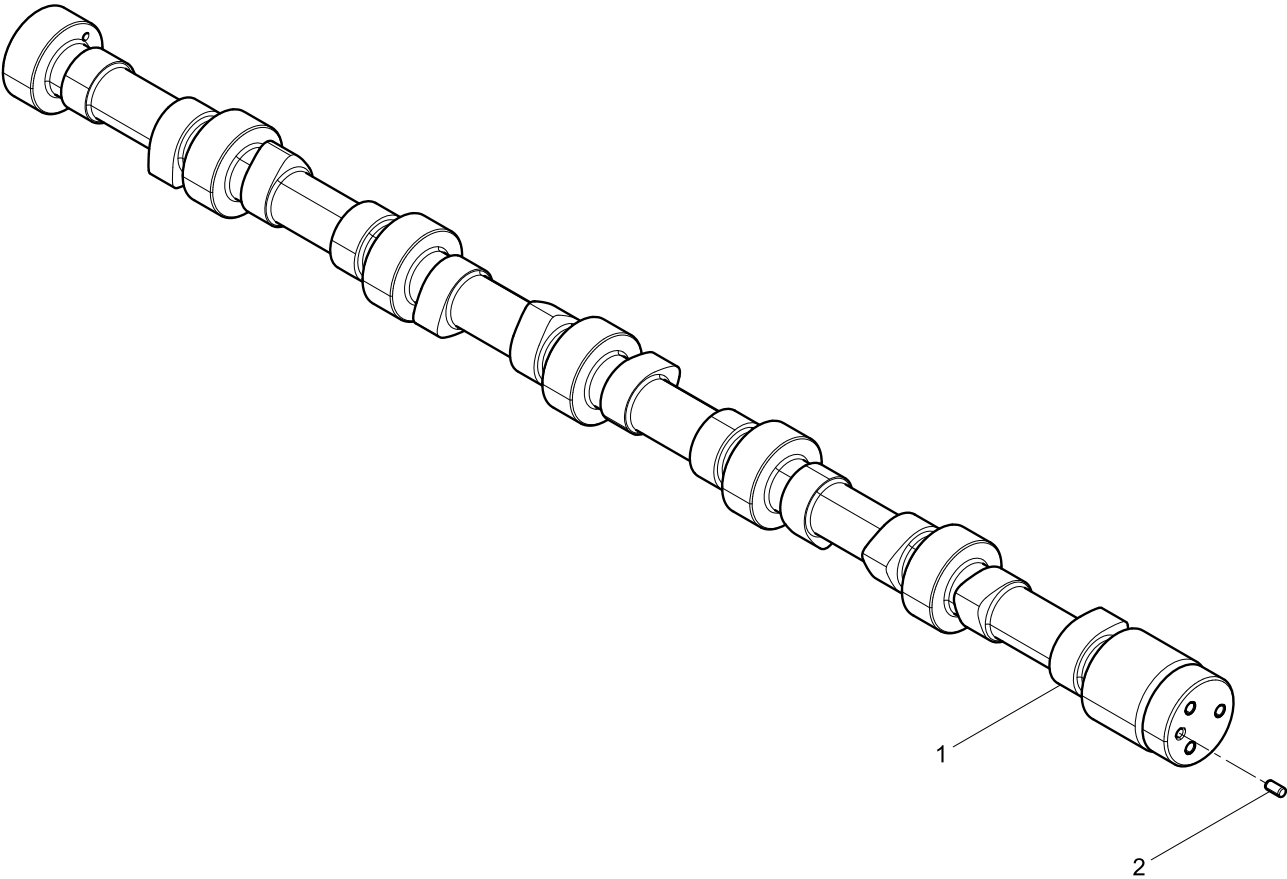
Rocker Arm Shaft Set



Rocker Arm Shaft Set

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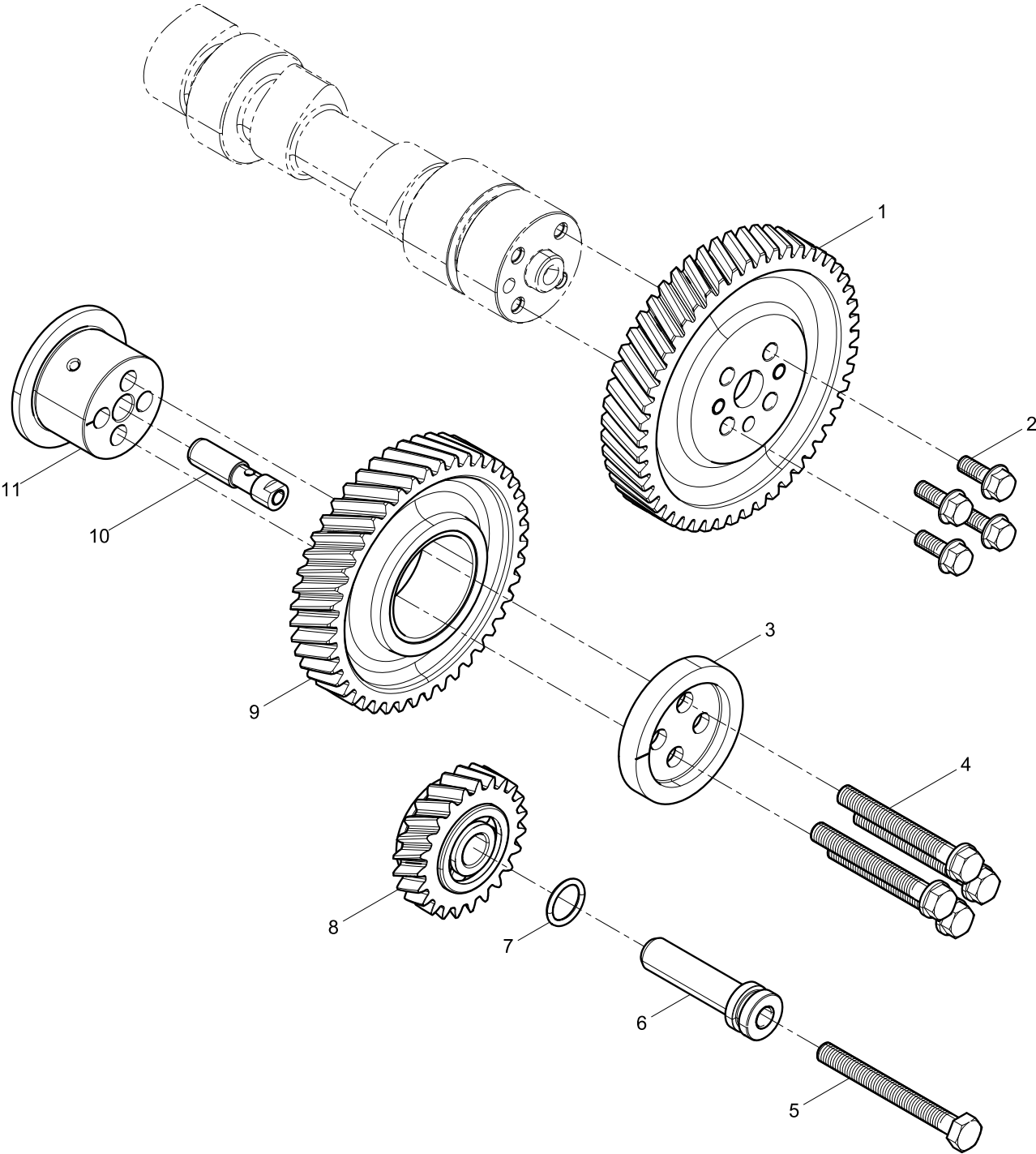
Camshaft Assembly



Camshaft Assembly

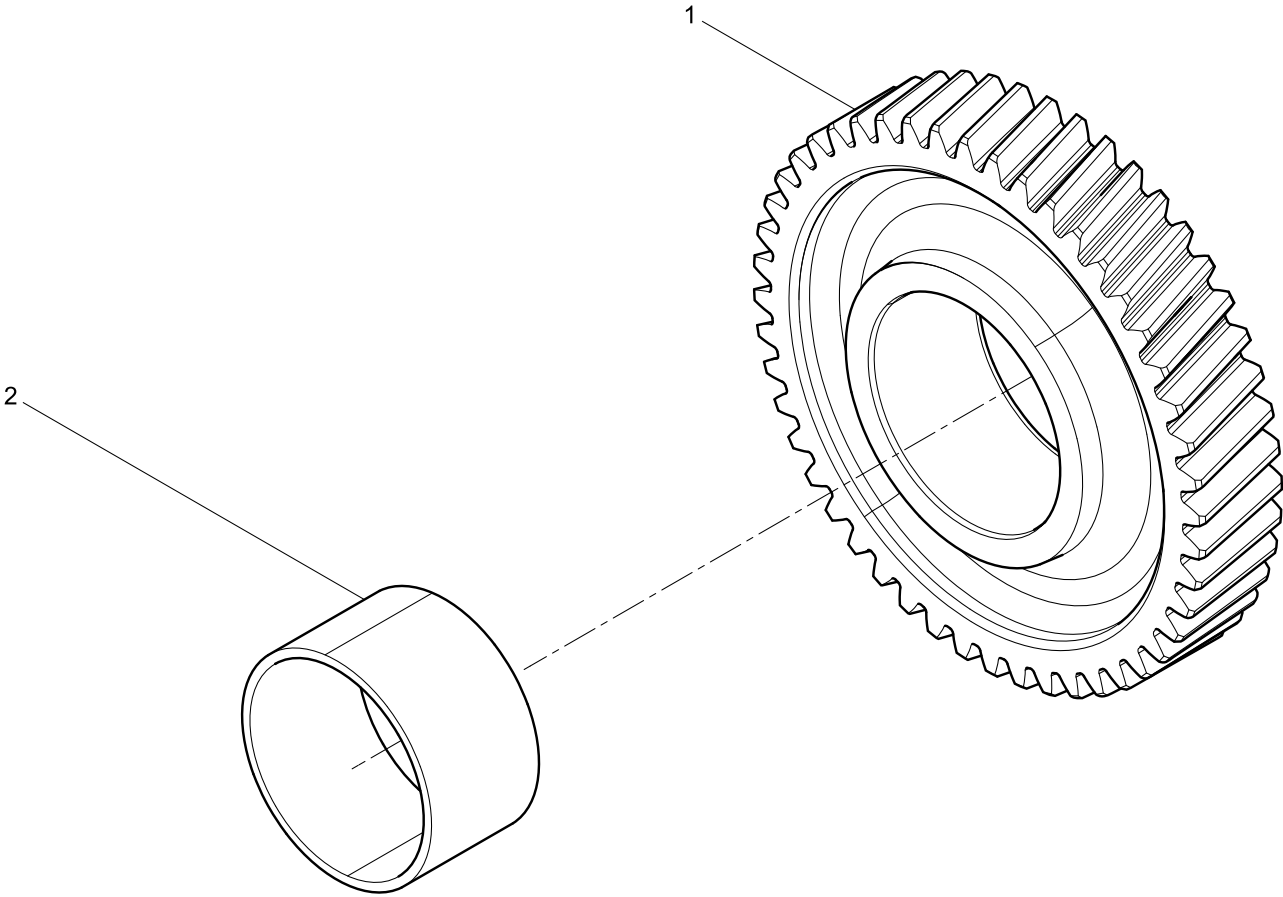
[illegible]

Gear Drive Group



[illegible]

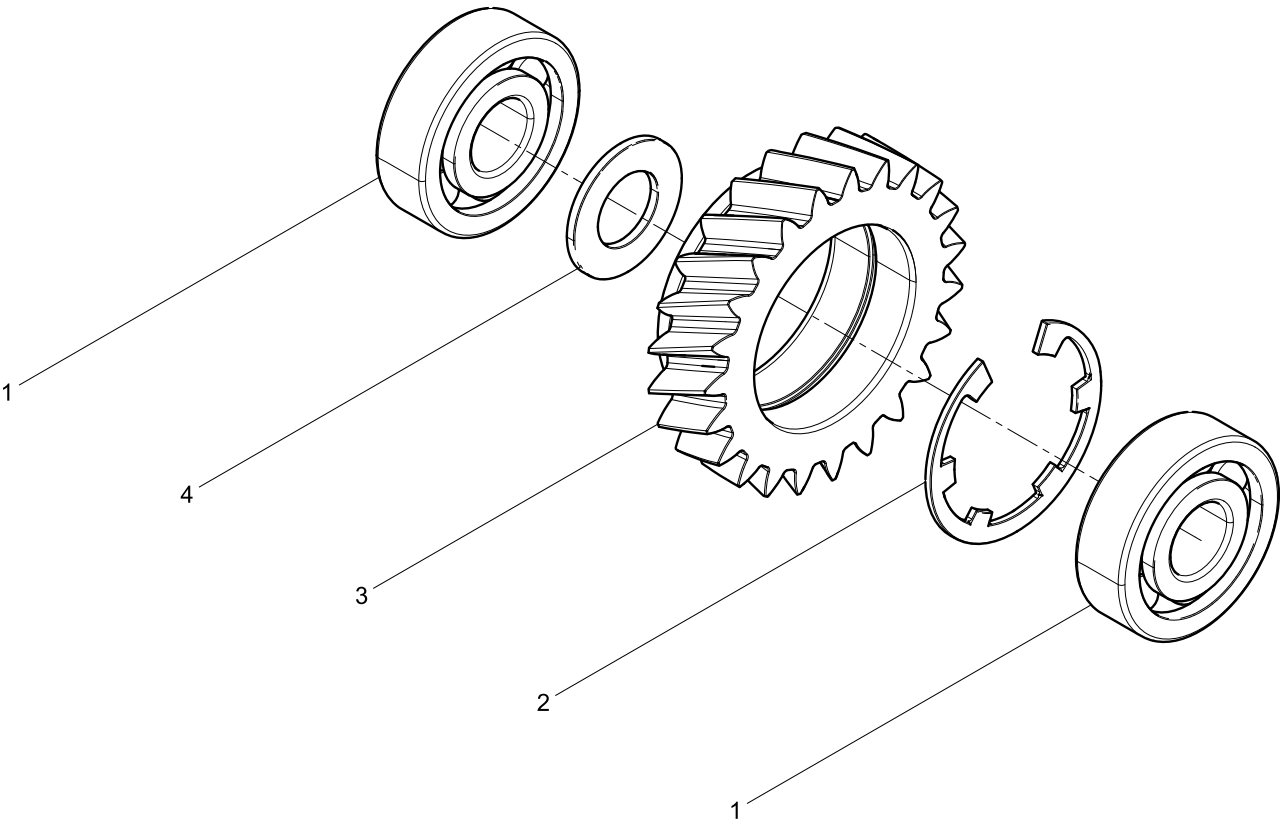
Idler Gear Assembly



Idler Gear Assembly

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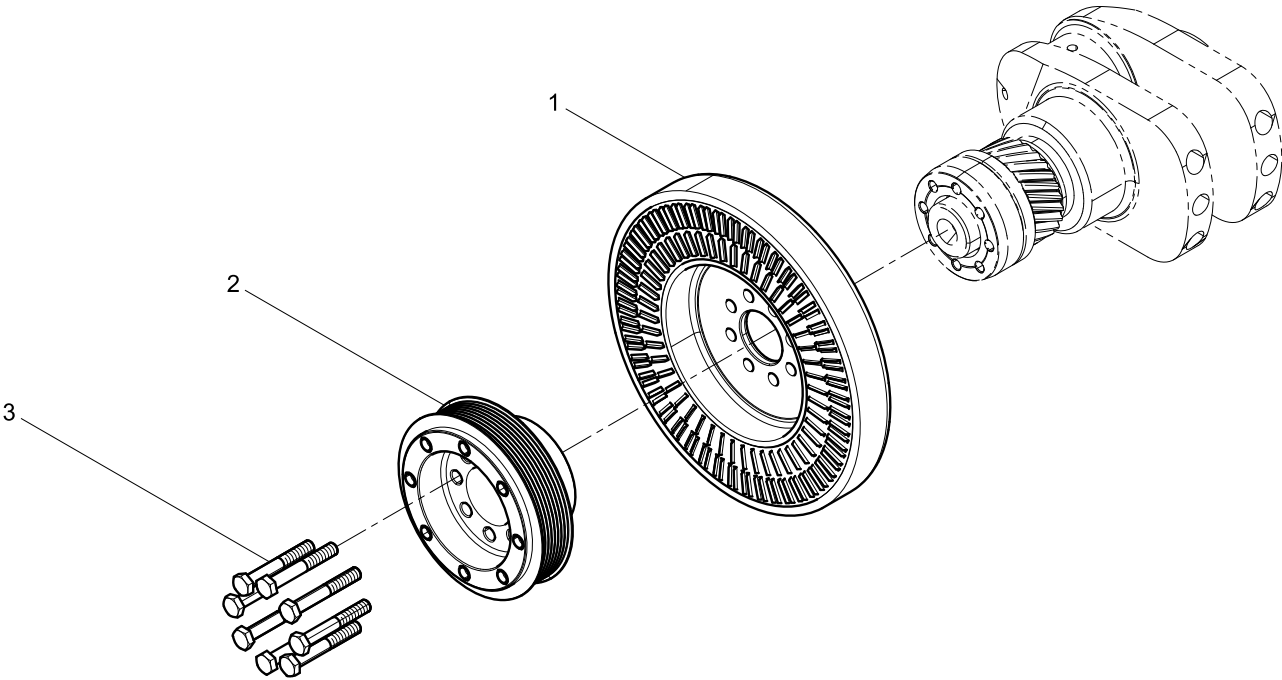
Oil Pump Idle Gear Set



Oil Pump Idle Gear Set

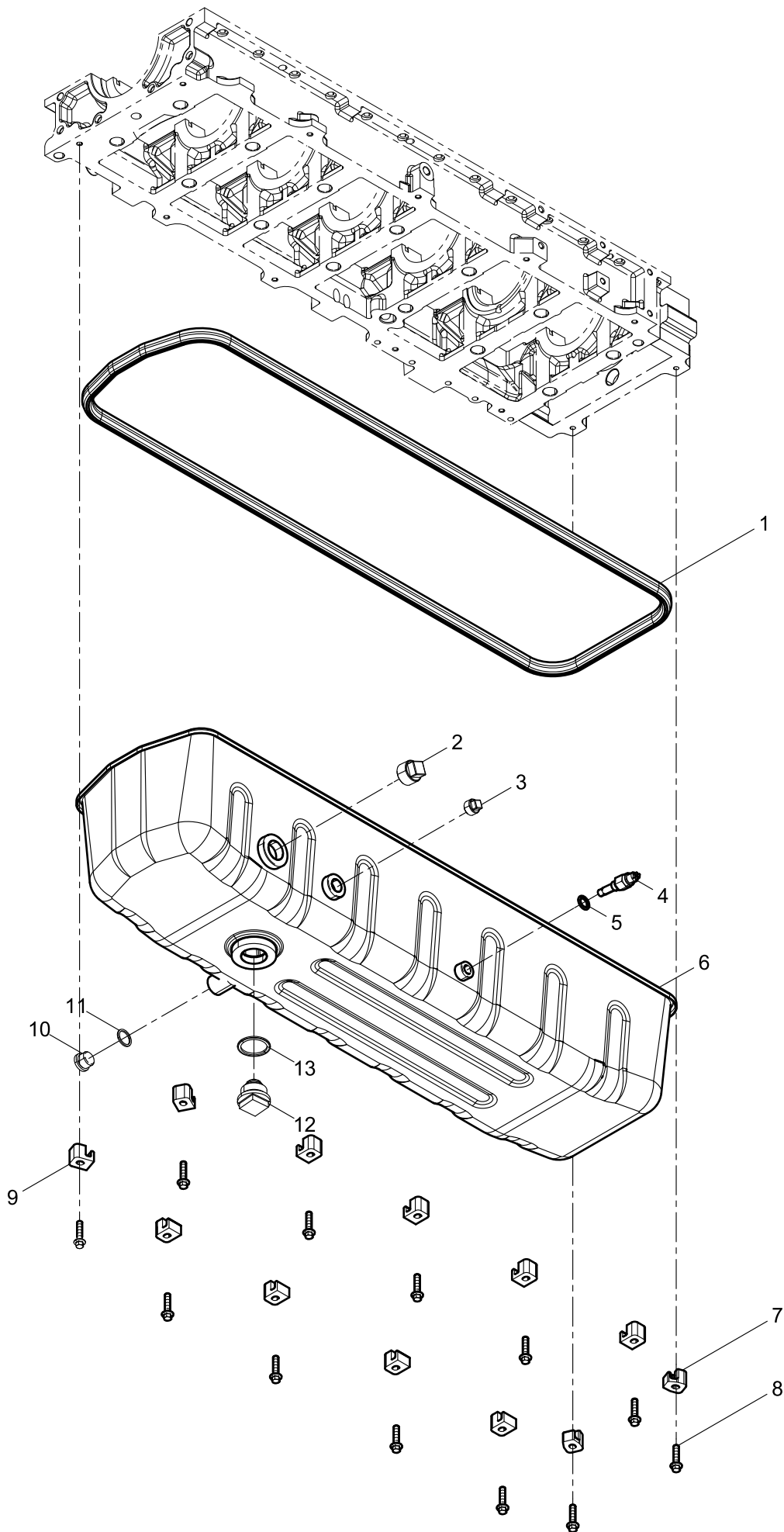
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Crankshaft Pulley Group



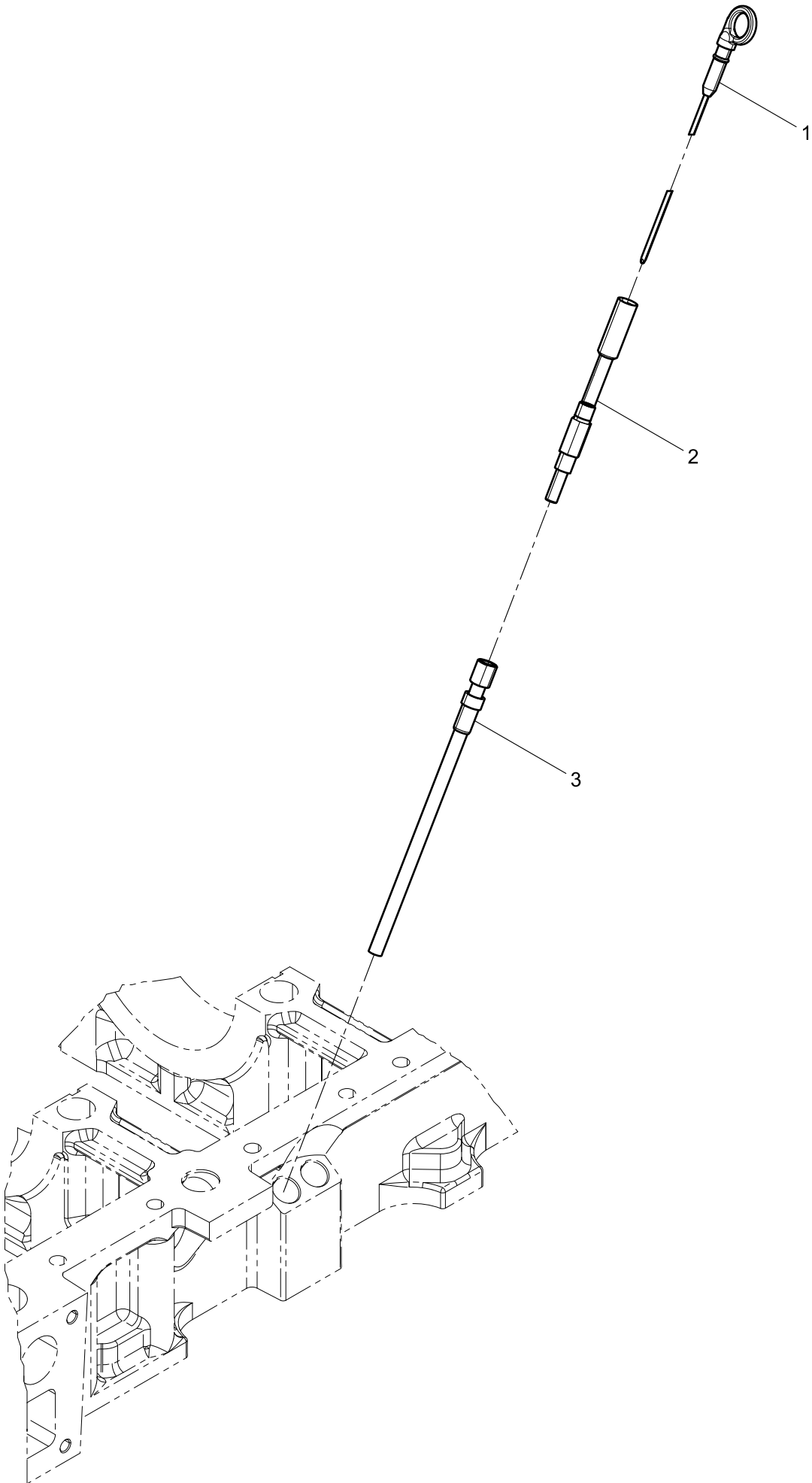
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Oil Pan Group



[illegible]

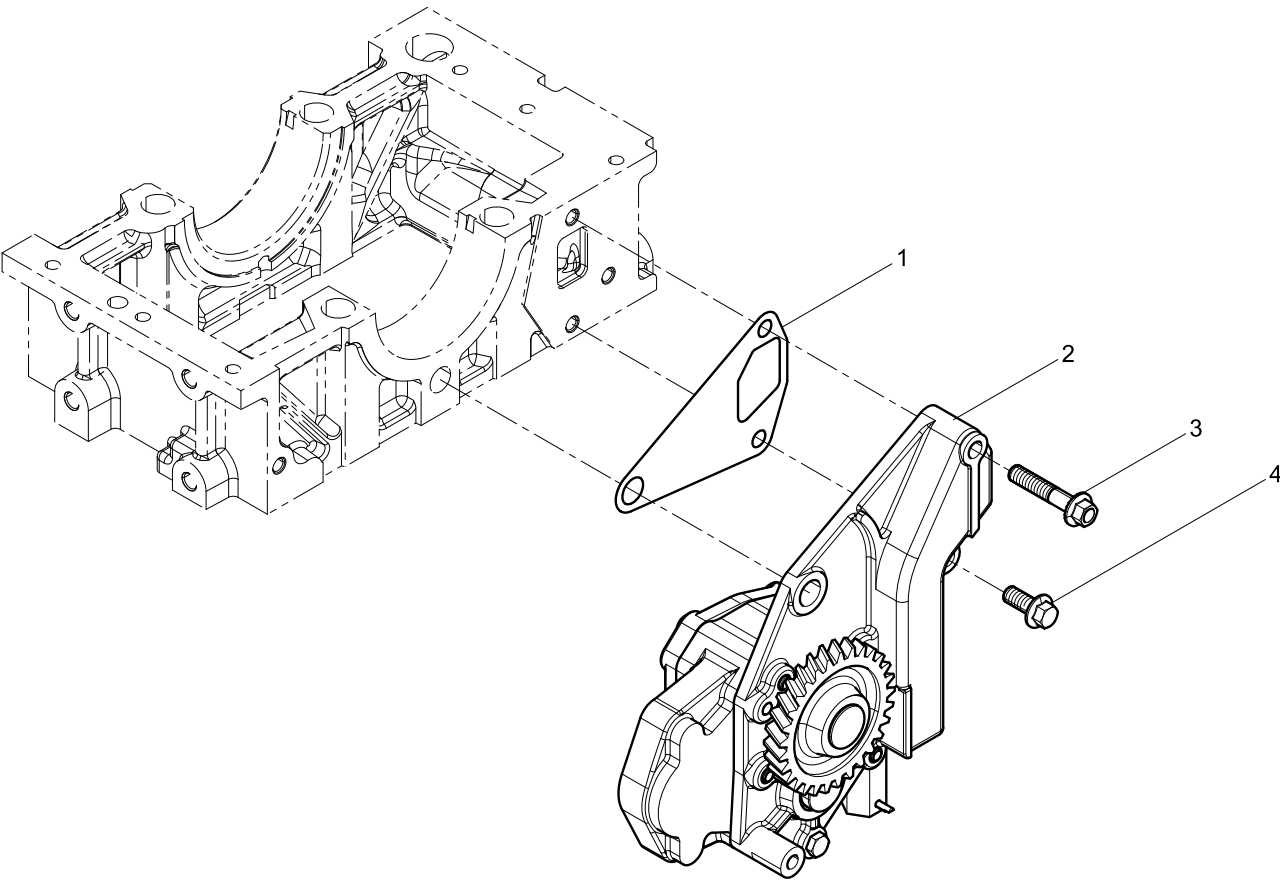
Dipstick Group



Dipstick Group

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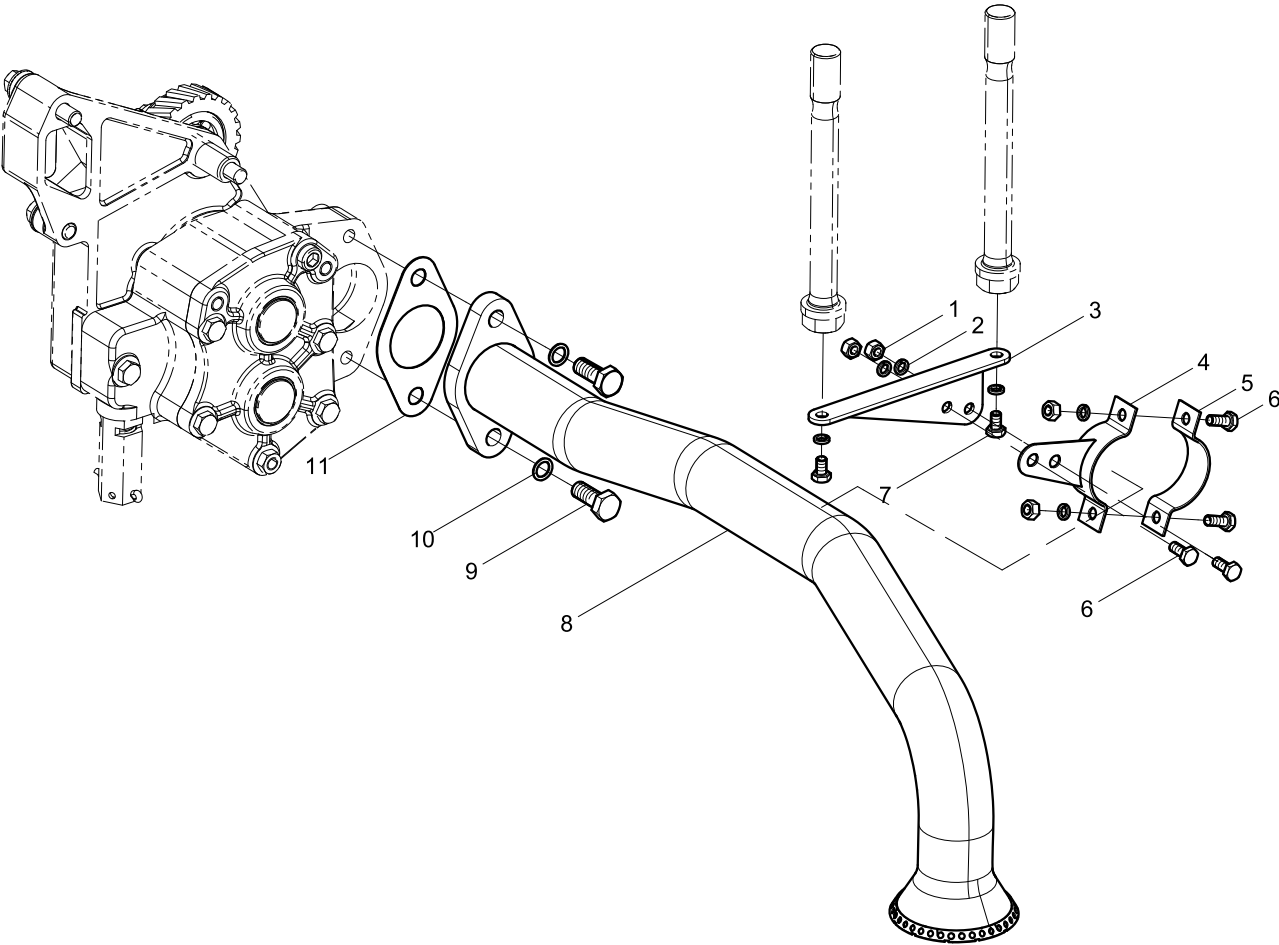
Oil Pump Group



Oil Pump Group

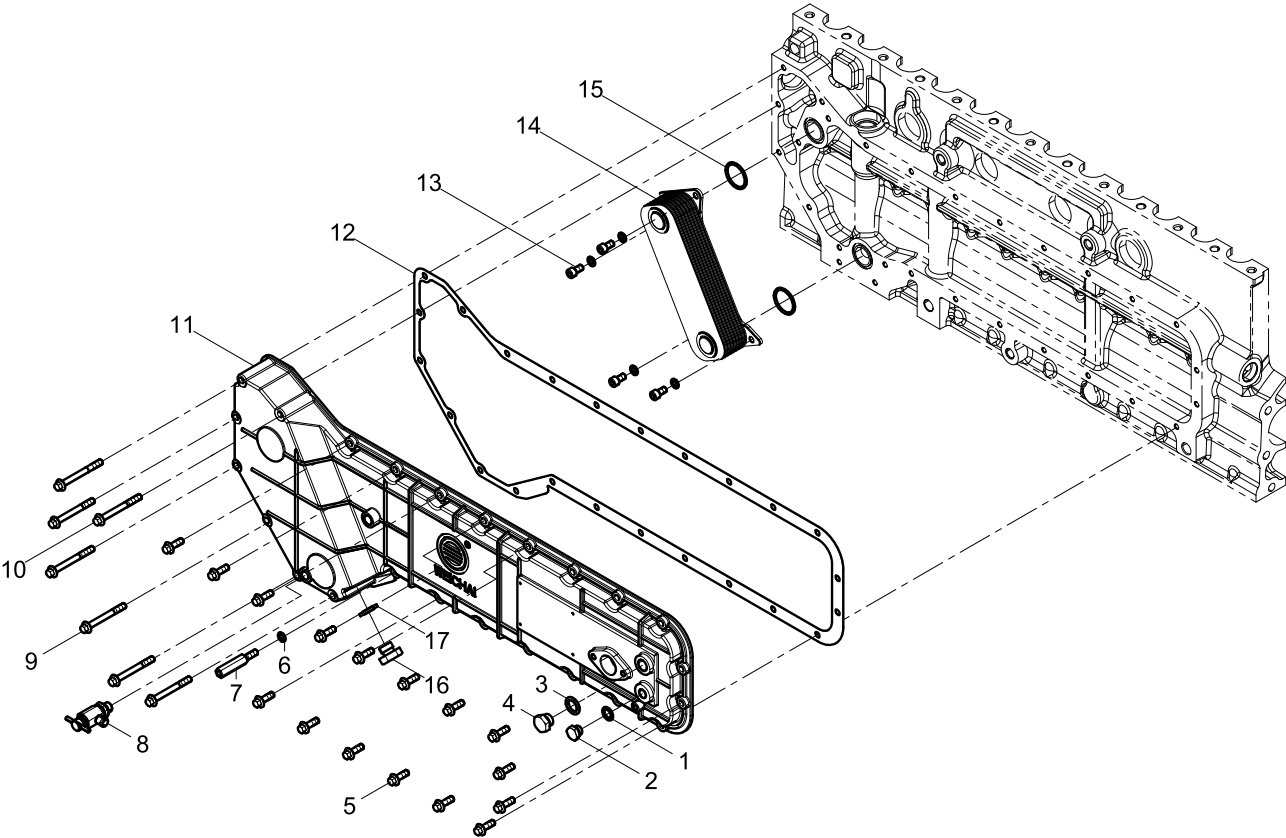
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Oil Strainer Group



[illegible]

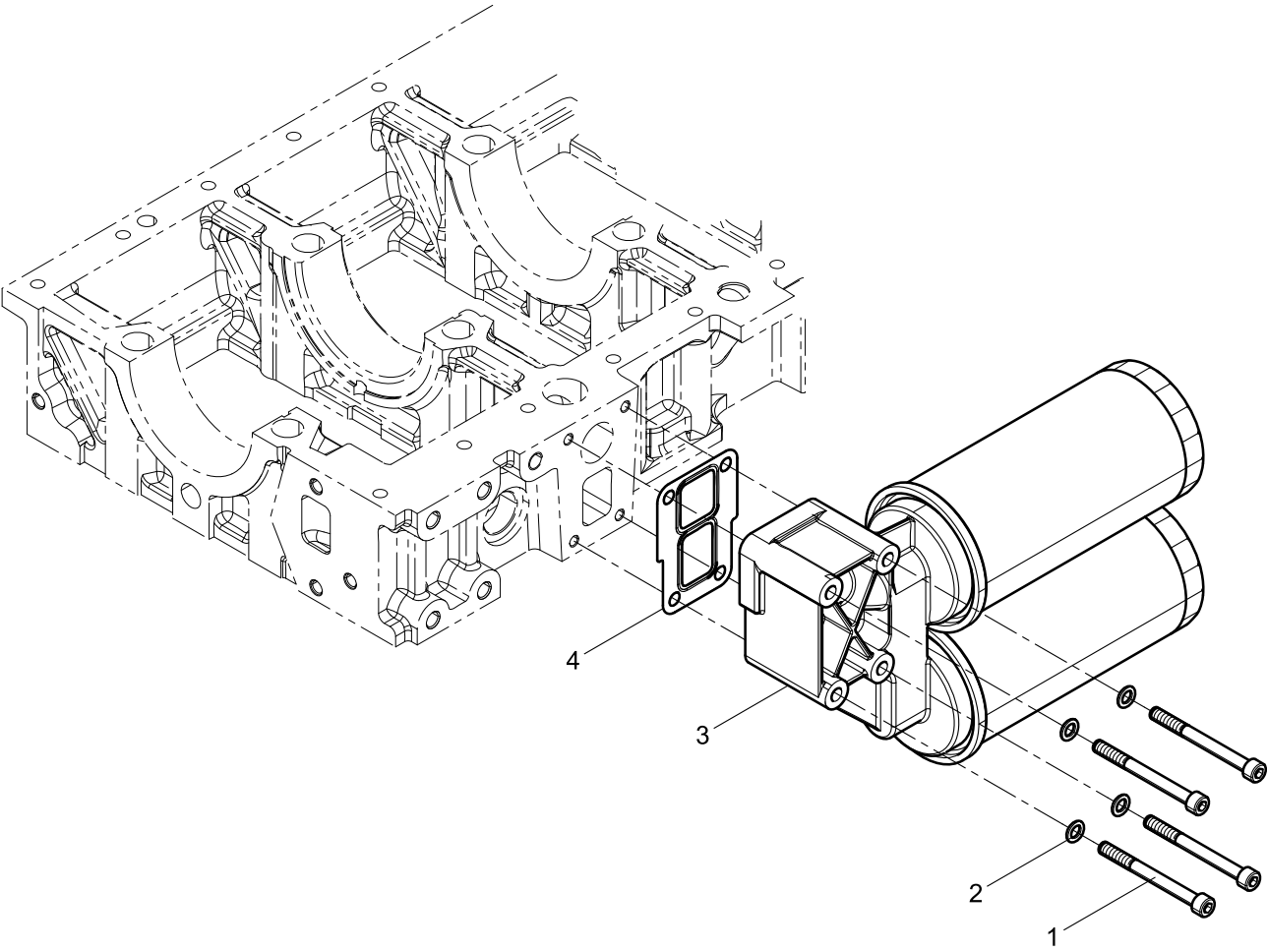
Oil Cooler Group



Oil Cooler Group

Pos.	Teile.Number	Amount	Designation
1	612600080200	1	Washer
2	90003962020	1	Hexagon plug
3	612600080275	1	Sealing Washer
4	90003962030	1	Hexagon plug
5	90011410003	16	Hexagon Flange Bolt
6	90003932023	5	Wave Spring Washer
7	612600112056	1	Back-up Block
8	612600012598	1	Water Draining Valve
9	90011410009	5	Hexagon Flange Bolt
10	90011410010	2	Hexagon Flange Bolt
11	612640010065	1	Oil Cooler Cap
12	612600040566	1	Oil Cooler Cap Gasket
13	90003862419S	4	Inner Hexagon Socket Head Cap Screw
14	61500010334	1	Oil Cooler
15	81400010032	2	Seal Ring
16	90017020003	1	Hexagon Screw Plug
17	13023361	1	Assembled Sealing Washer

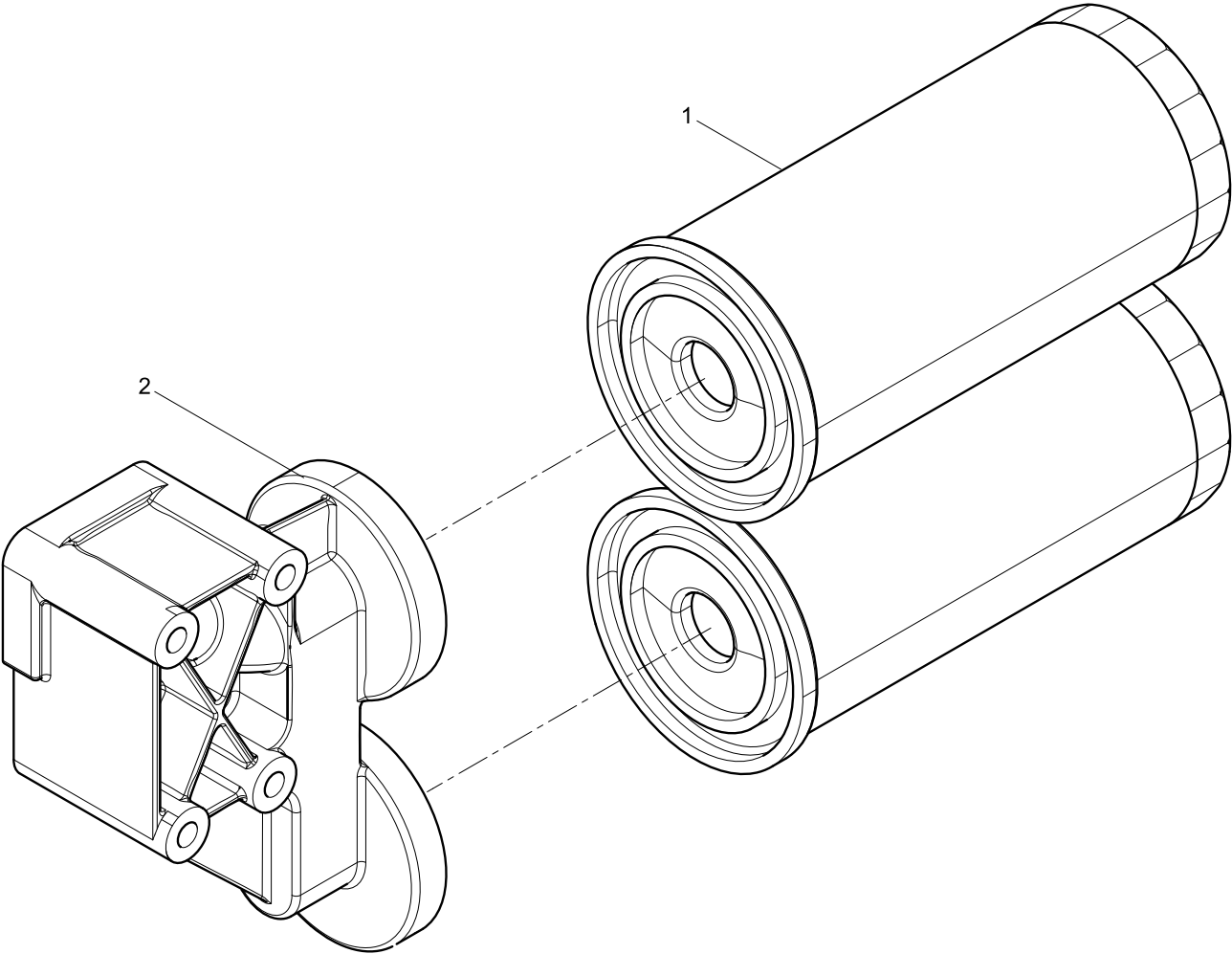
Oil Filter Group



Oil Filter Group

[illegible]

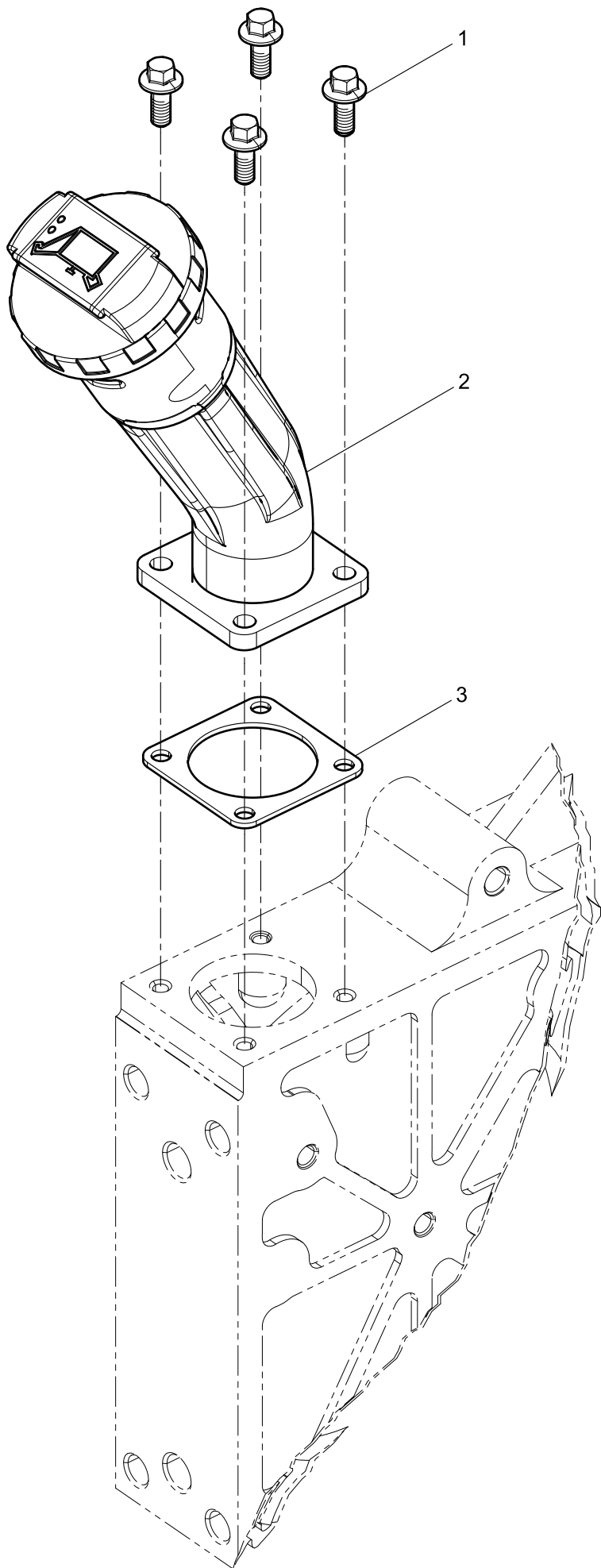
Oil Filter



Oil Filter

[illegible]

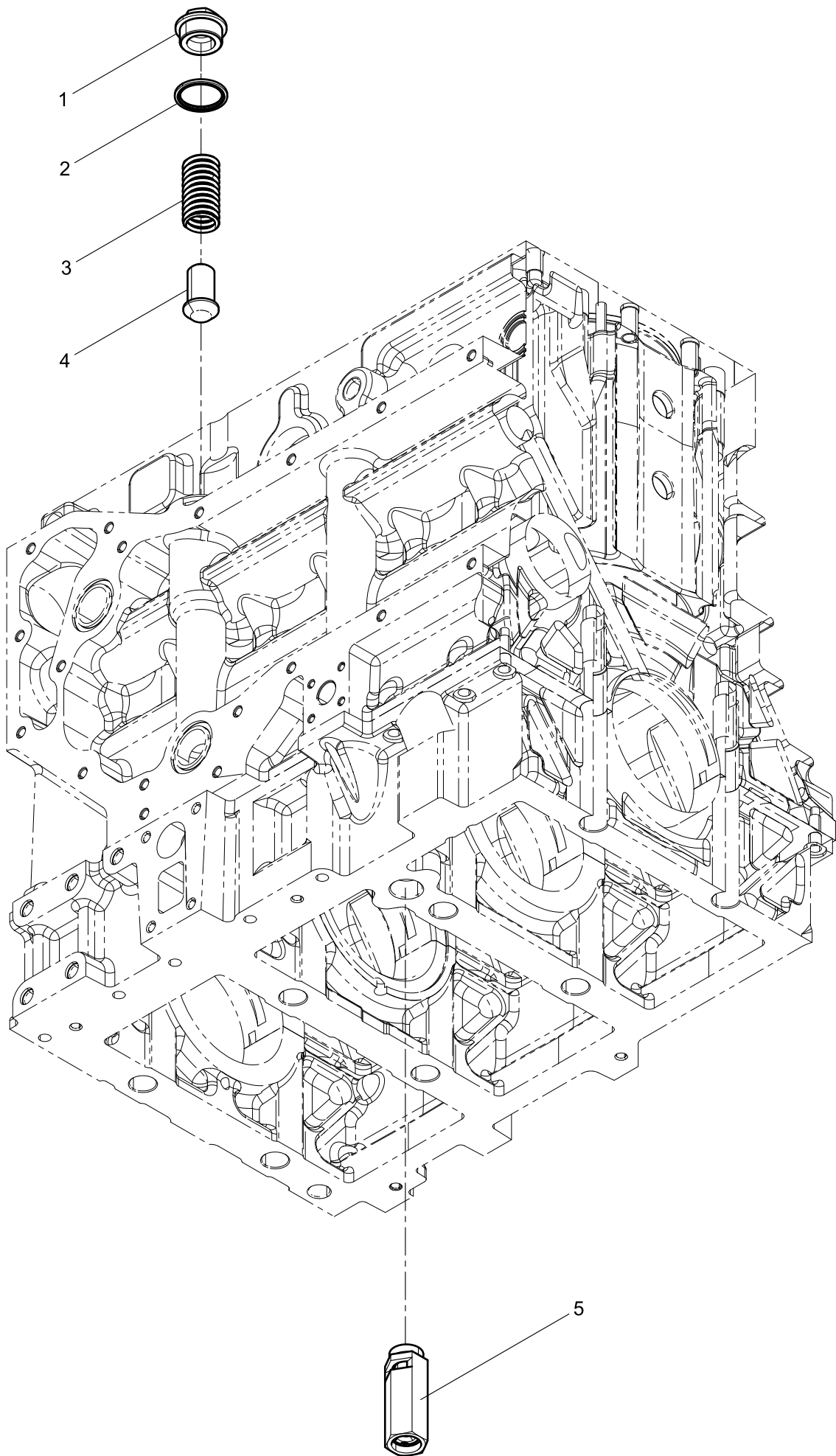
Oil Filling Tube Group



Oil Filling Tube Group

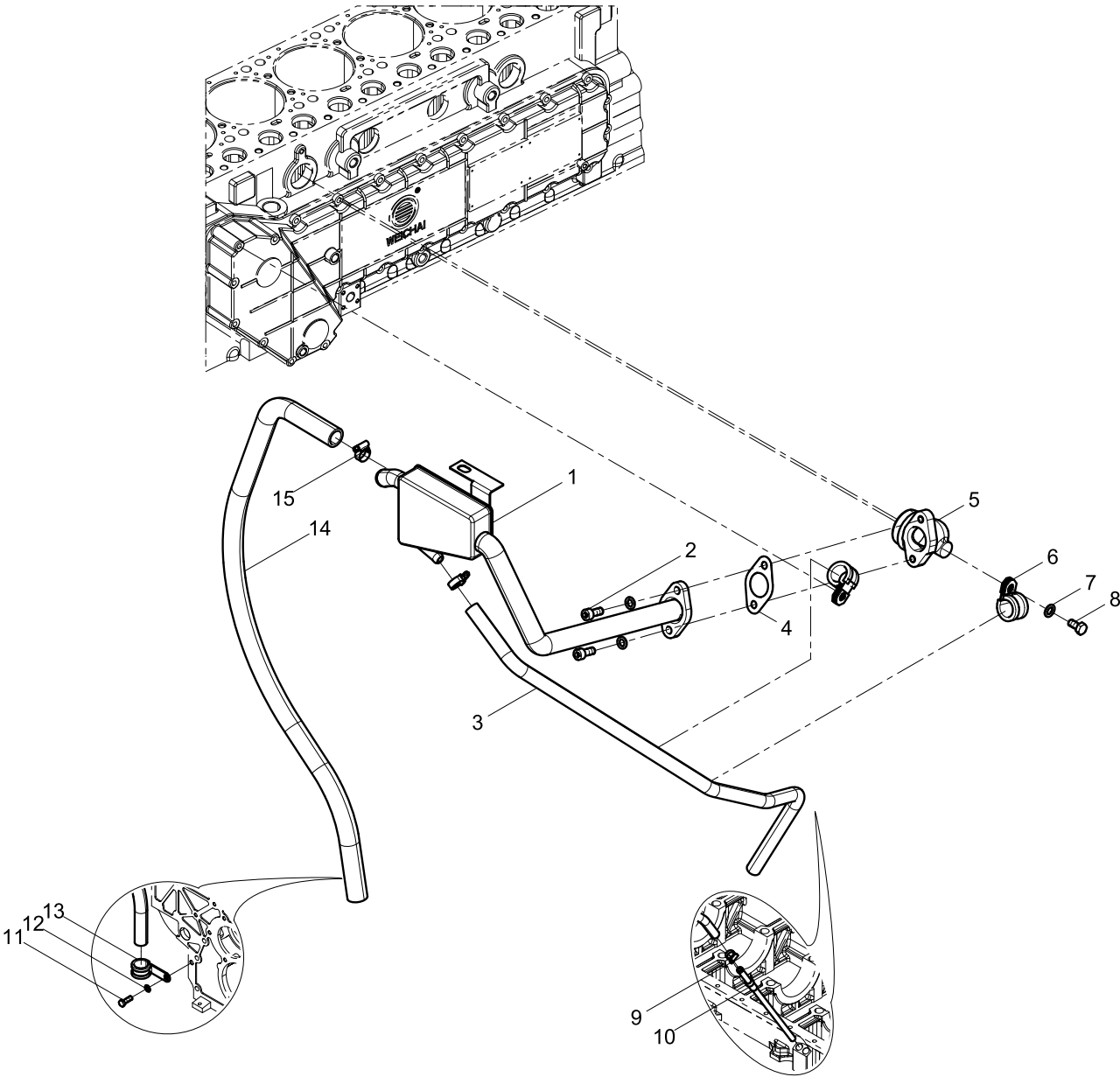
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Pressure-limiting Valve Group



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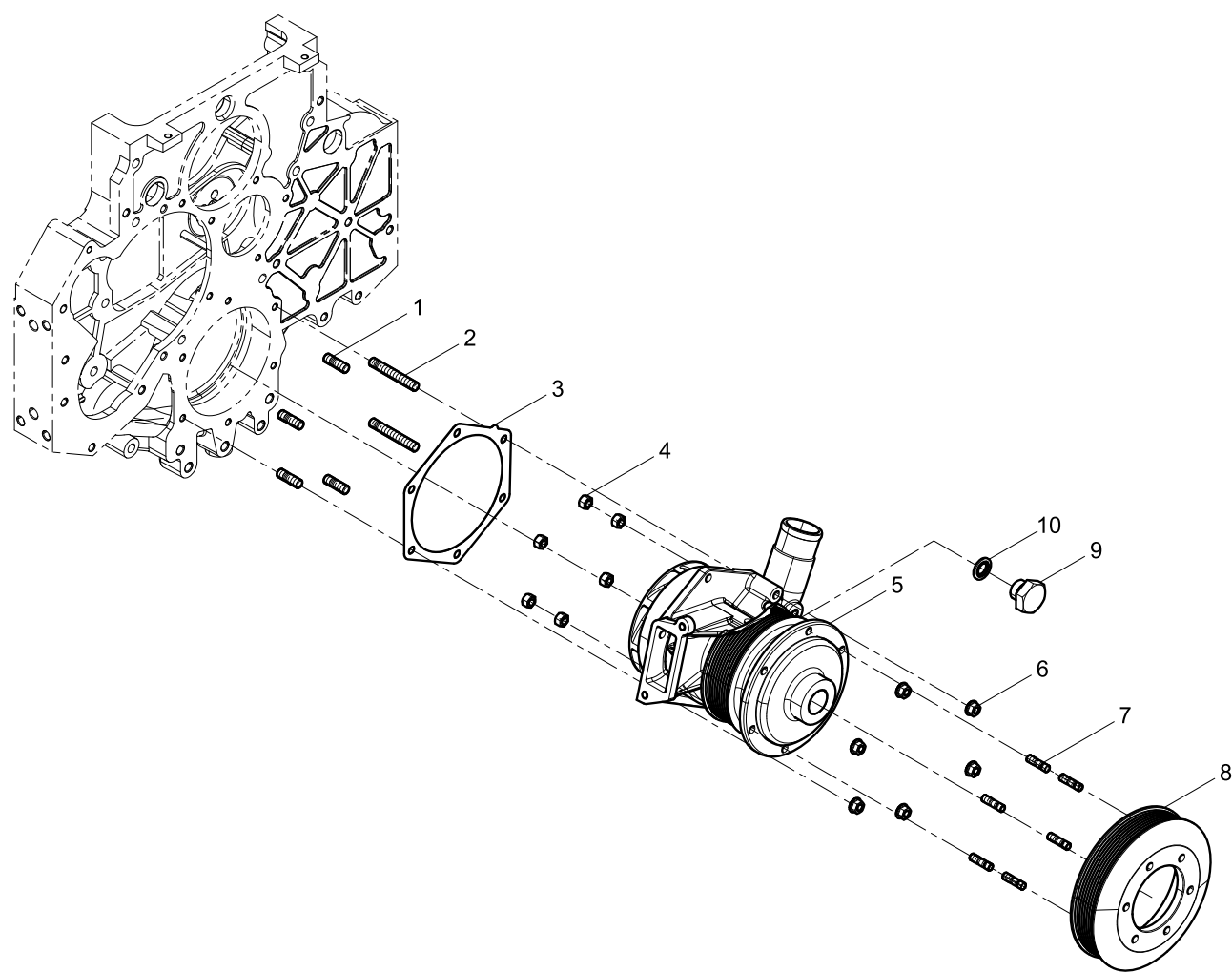
Oil-gas Separator Group



Oil-gas Separator Group

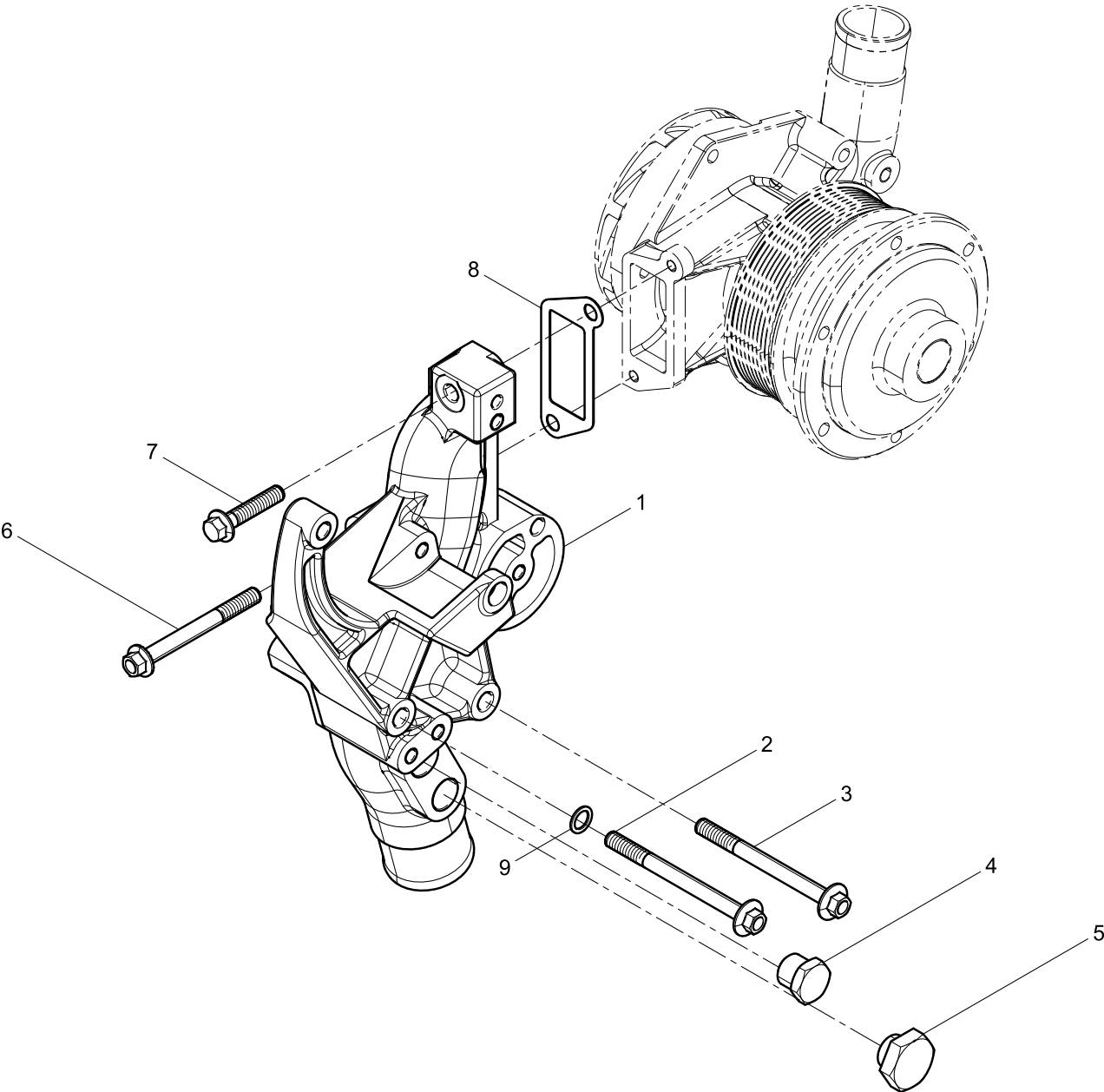
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Water Pump Group



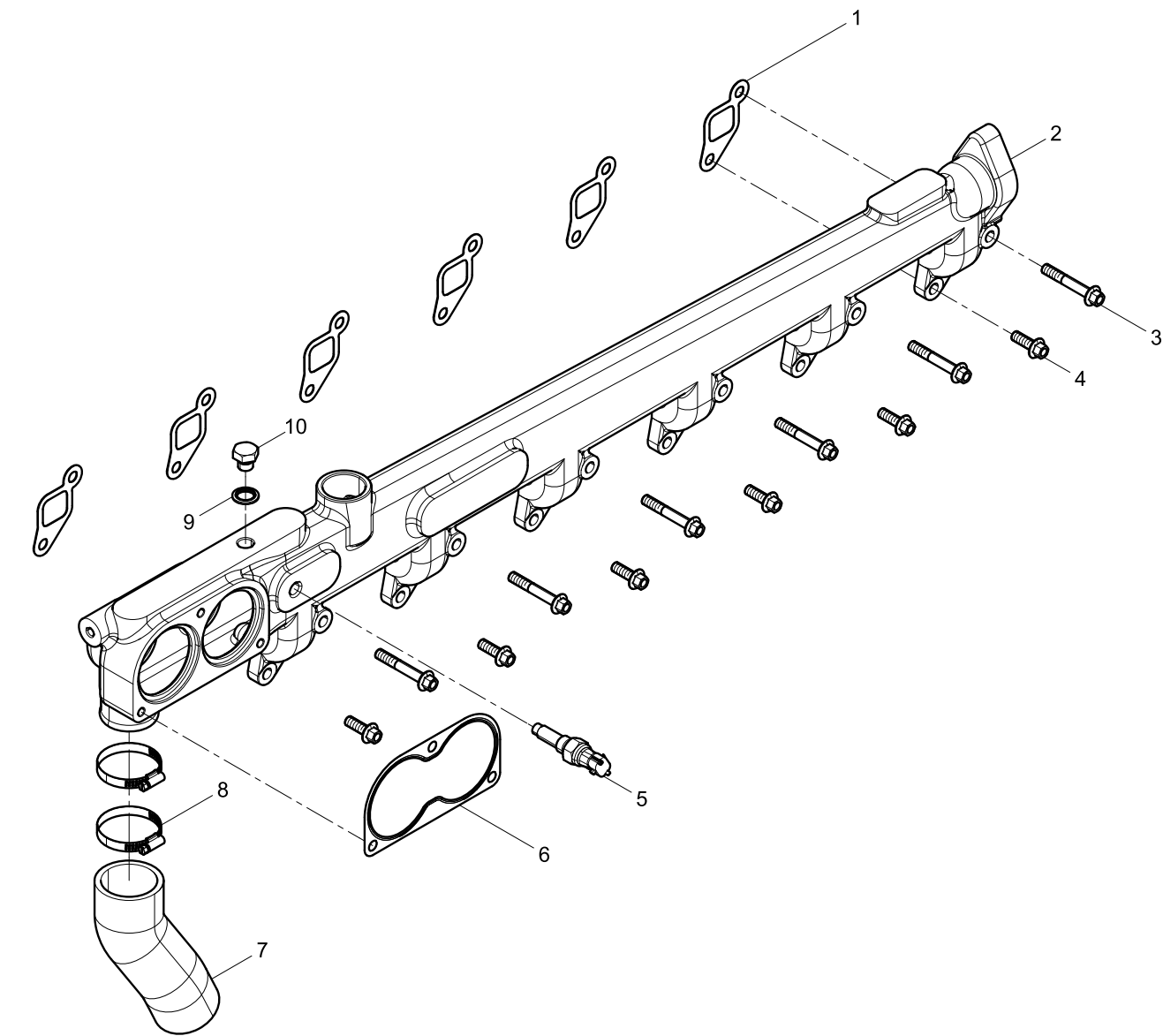
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Water Pump Inlet Pipe Joint Group

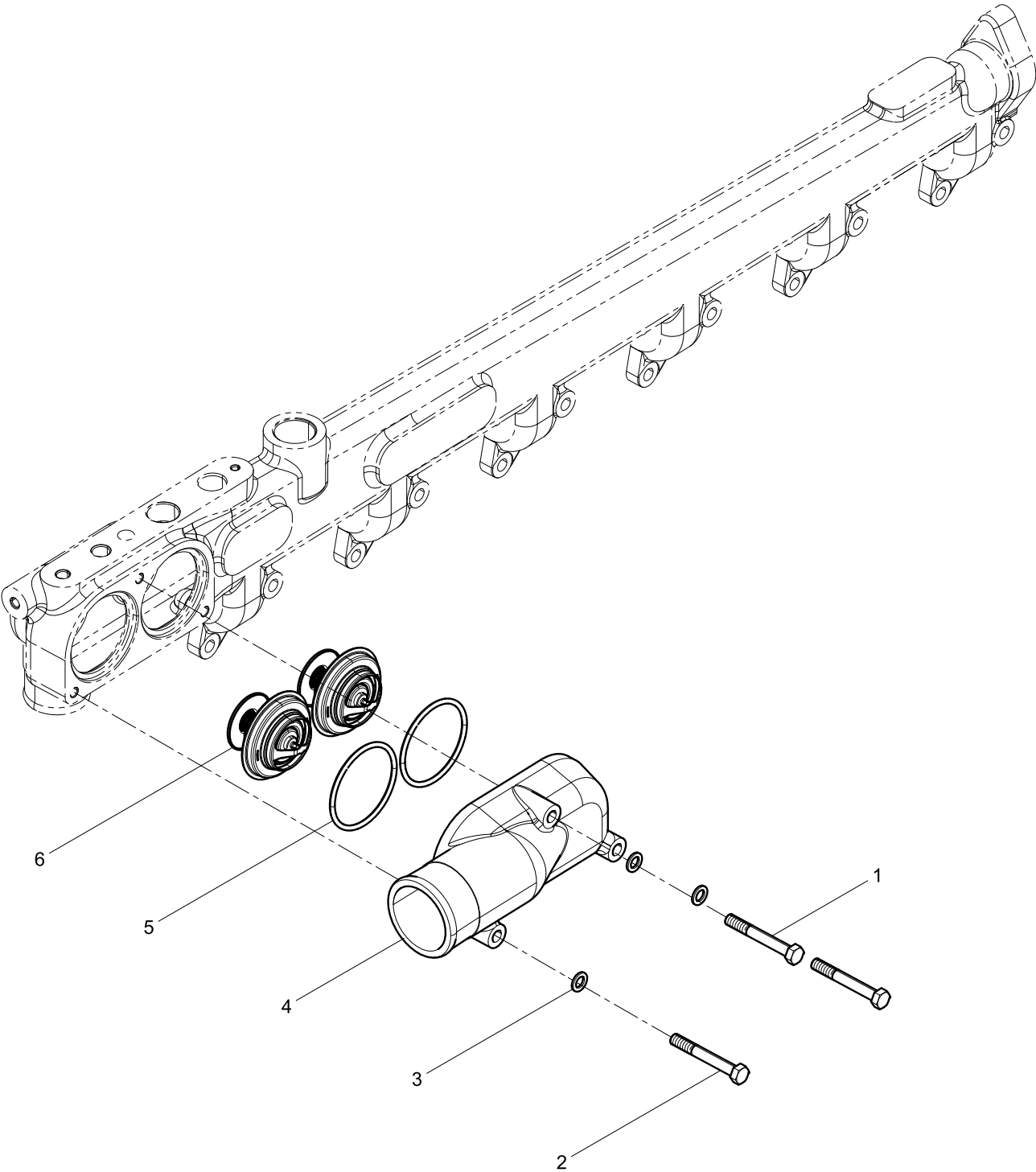


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Water Outlet Pipe Group

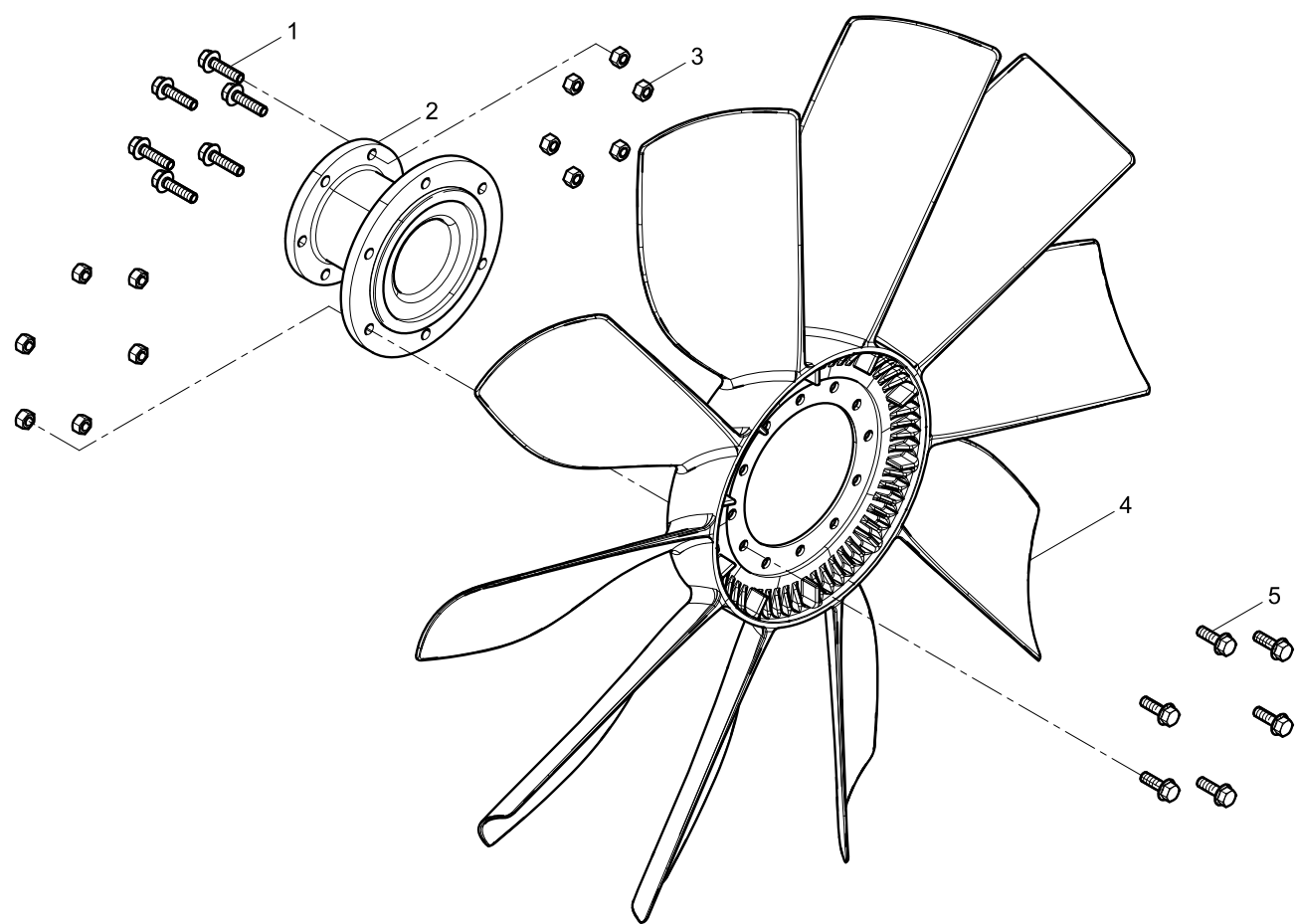


Thermostat Group

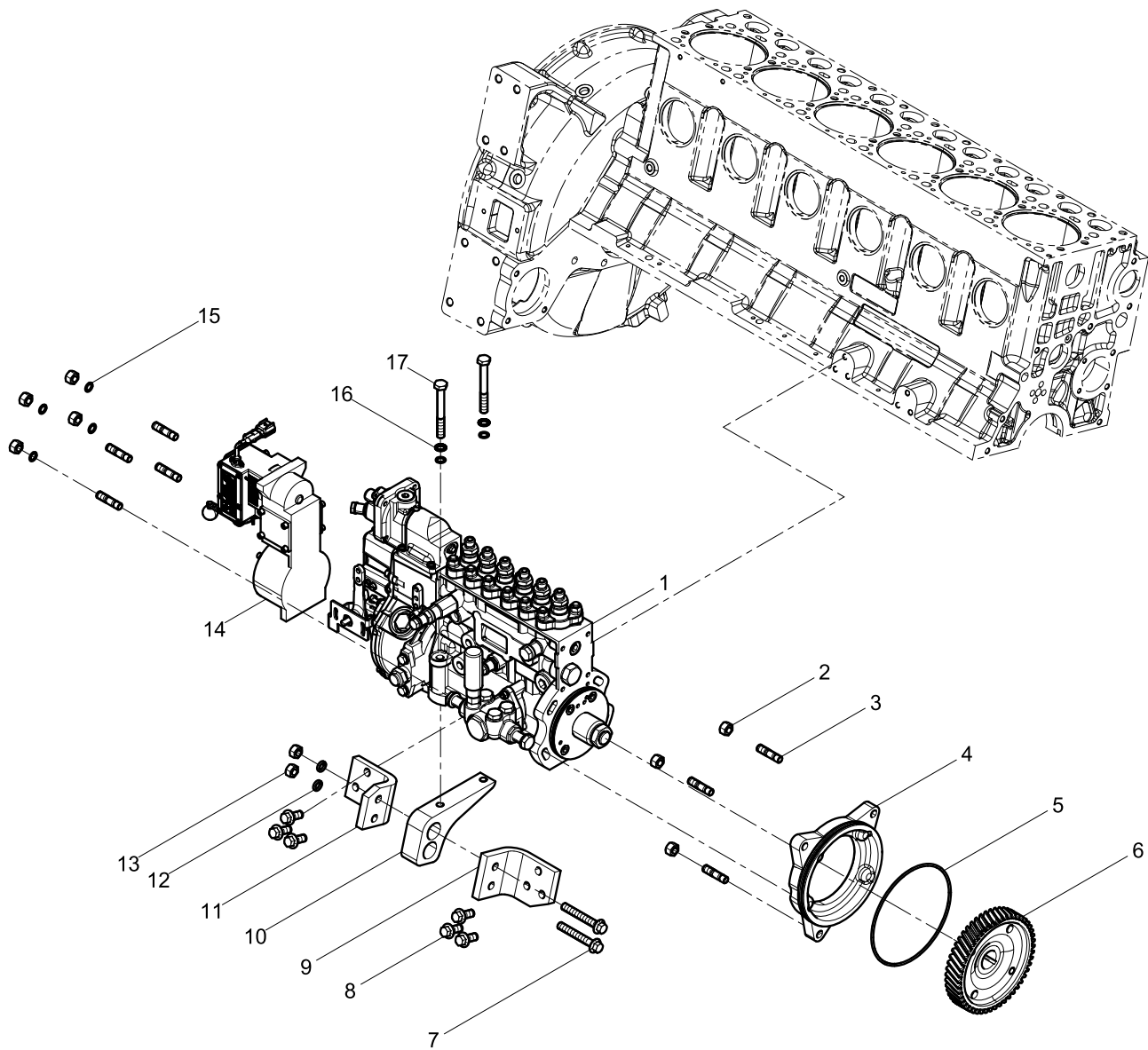


Thermostat Group

Fan and Hub Group



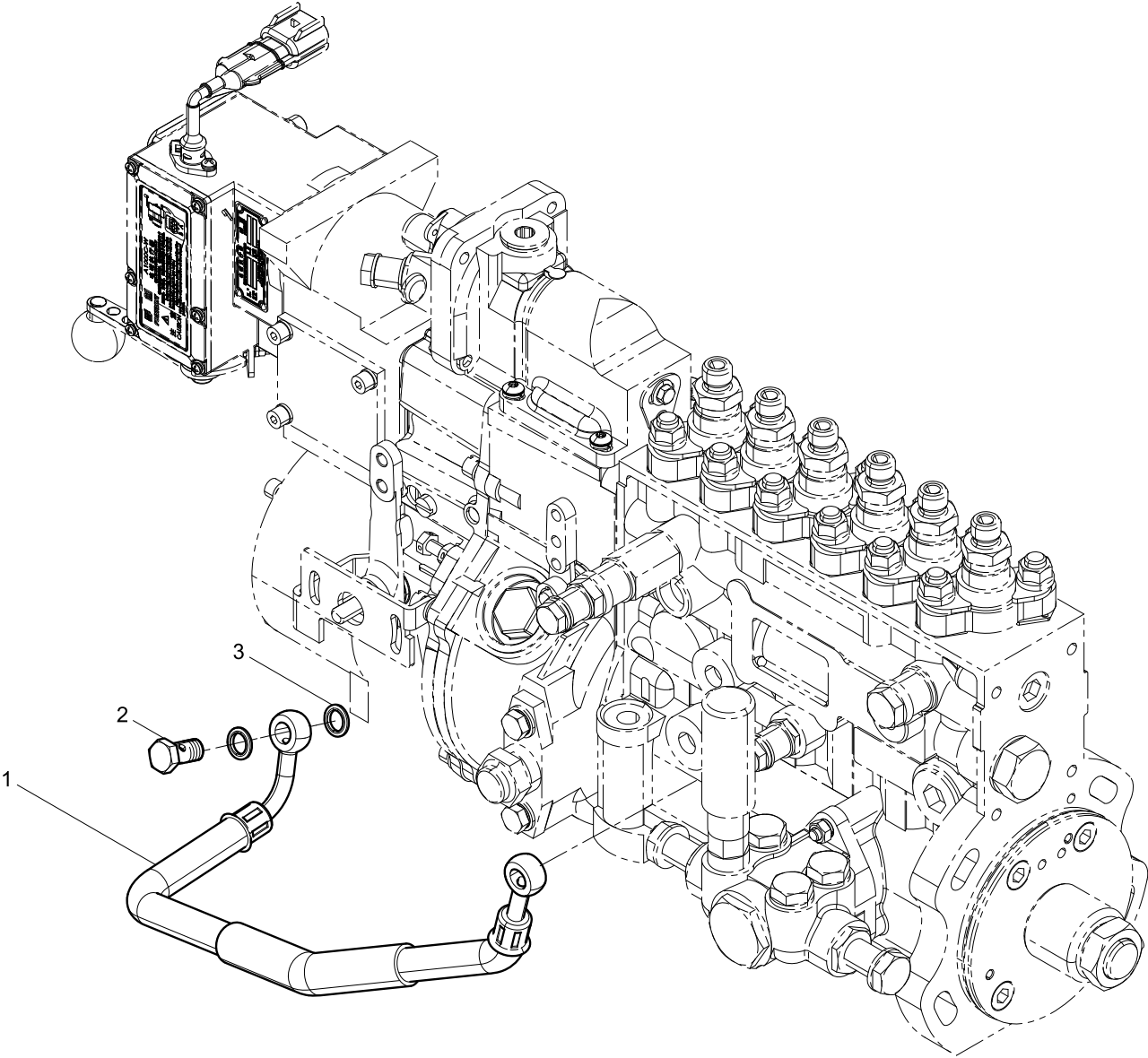
Fuel Injection Pump Group



Fuel Injection Pump Group

Pos.	Teile.Number	Amount	Designation
	1001235843	1	Adapter
1	1000943131	1	Fuel Injection Pump Assembly
2	90003888452	7	Prevailing Torque Type All-metal Hexagon Nut,
3	90003813532S	7	Double End Stud
4	612600083244	1	Fuel Injection Pump Flange
5	612600083245	1	Seal Ring
6	612600083315	1	Fuel Injection Pump Gear
7	90011430013	2	Hexagon Flange with Tooth Bolt
8	90011430008	6	Hexagon Flange with Tooth Bolt
9	612600080682	1	Fuel Injection Pump Bracket
10	612600080363	1	Fuel Injection Pump Bracket
11	612600080364	1	Fuel Injection Pump Bracket
12	90003931122	2	Spring Washer
13	90003871305	2	Hexagon Nuts, Style 1
14	612600082328	1	Electromagnetic Actuator
15	90014040008	6	Plain Washer
16	18872339	2	Washer
17	90003800579	2	Hexagon Head Bolt

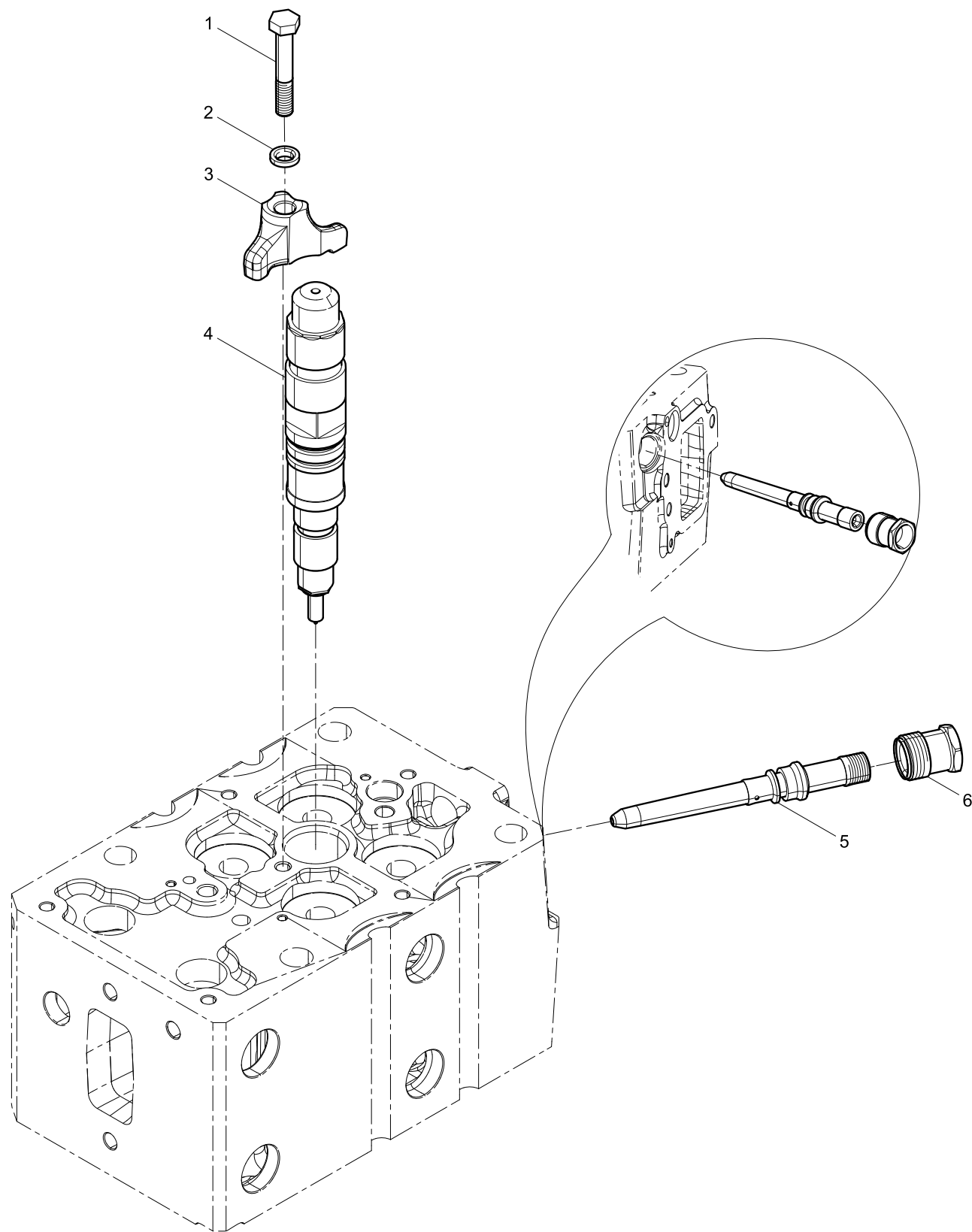
Fuel Injection Pump Oil Pipe Group



Fuel Injection Pump Oil Pipe Group

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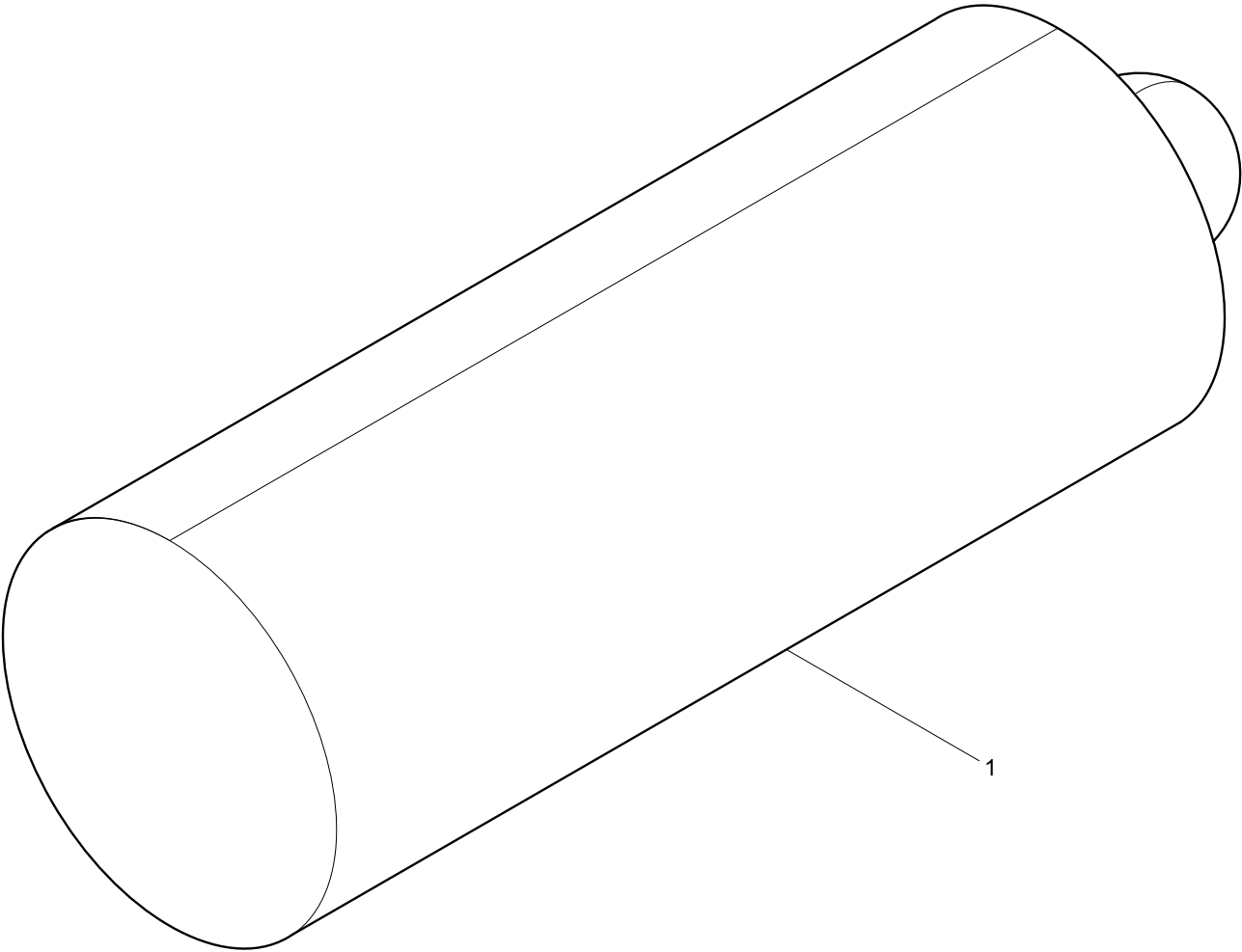
Fuel Injector Group



Fuel Injector Group

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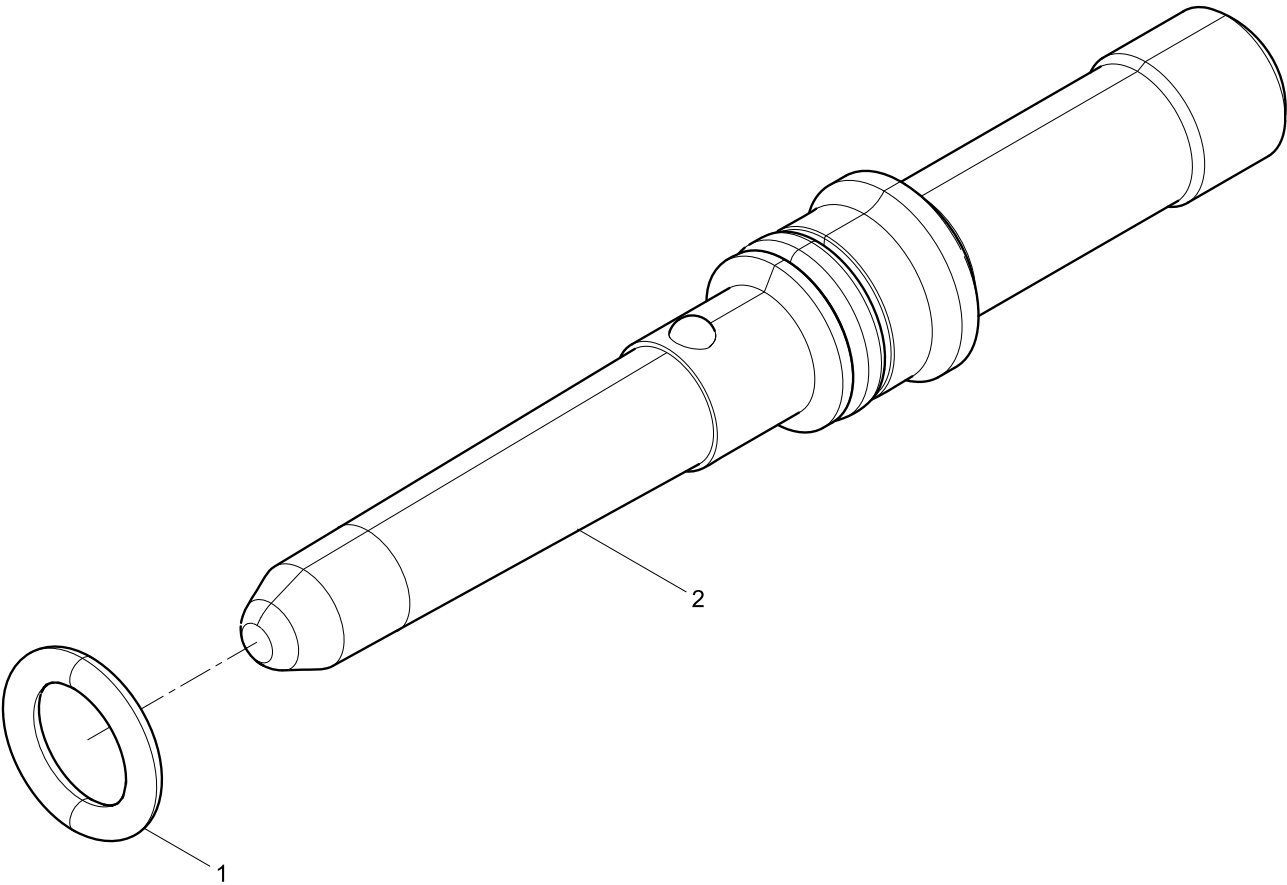
Fuel Injector



Fuel Injector

[illegible]

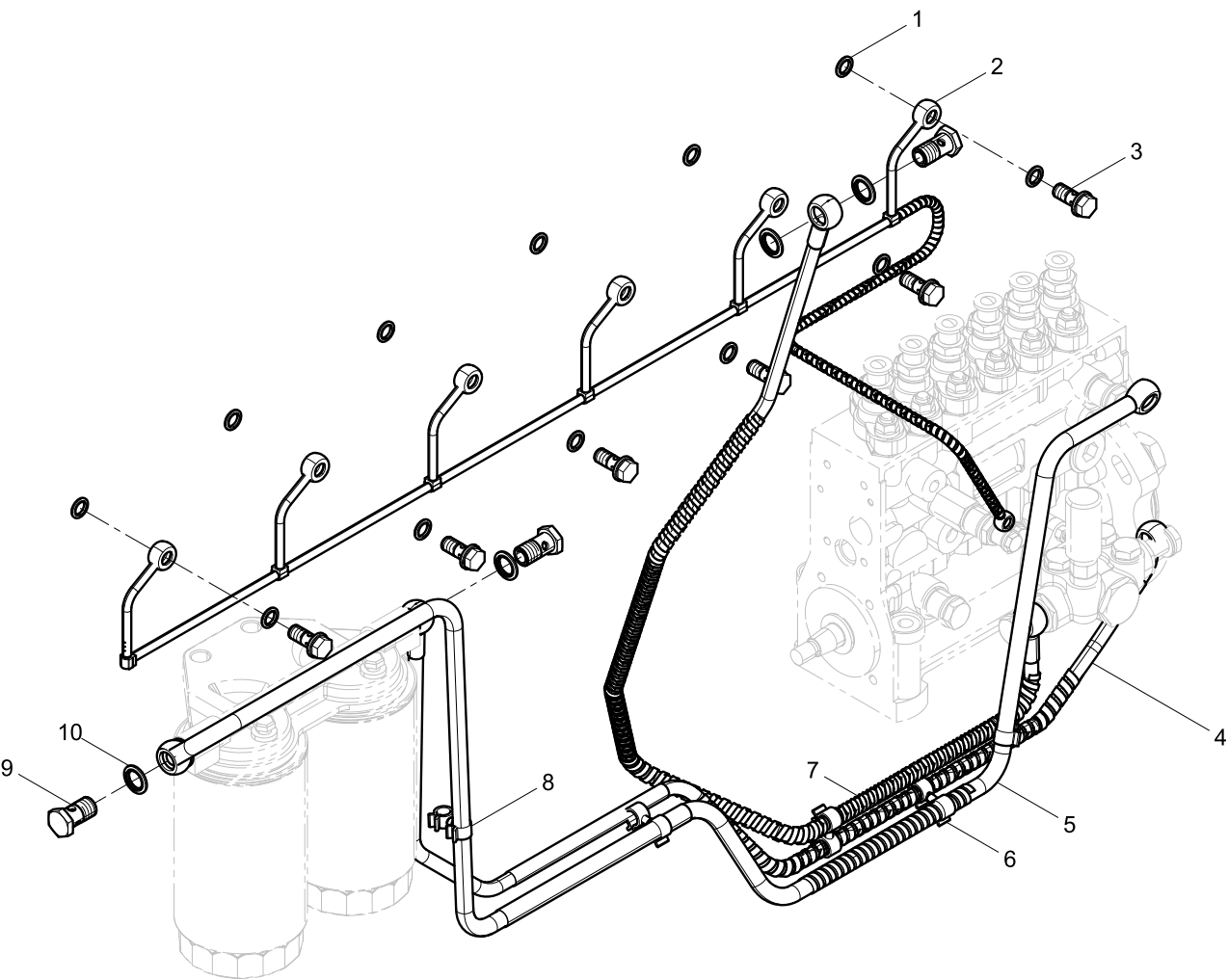
Adapter of High Pressure Pipe



Adapter of High Pressure Pipe

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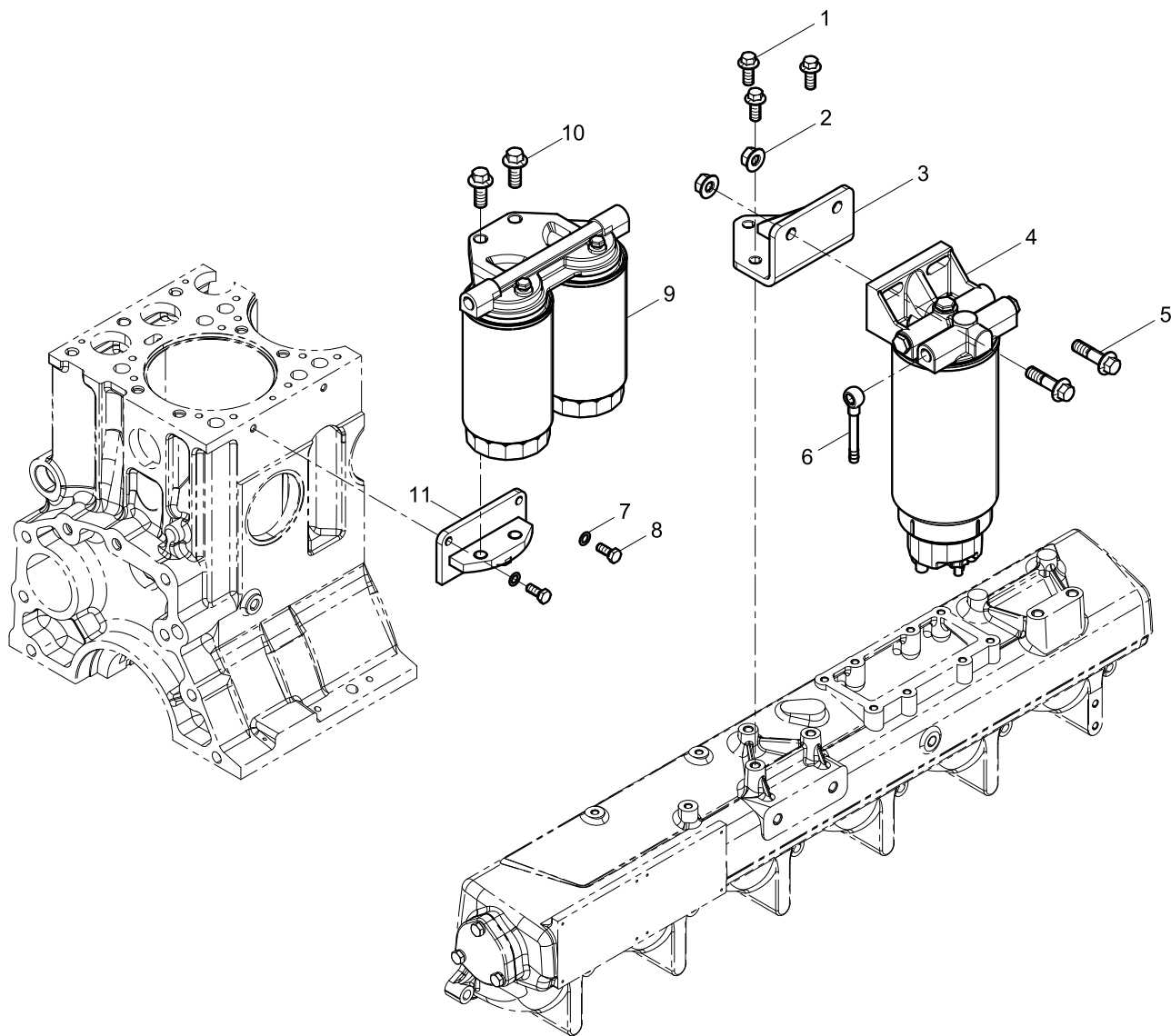
Low Pressure Fuel Pipe Group



Low Pressure Fuel Pipe Group

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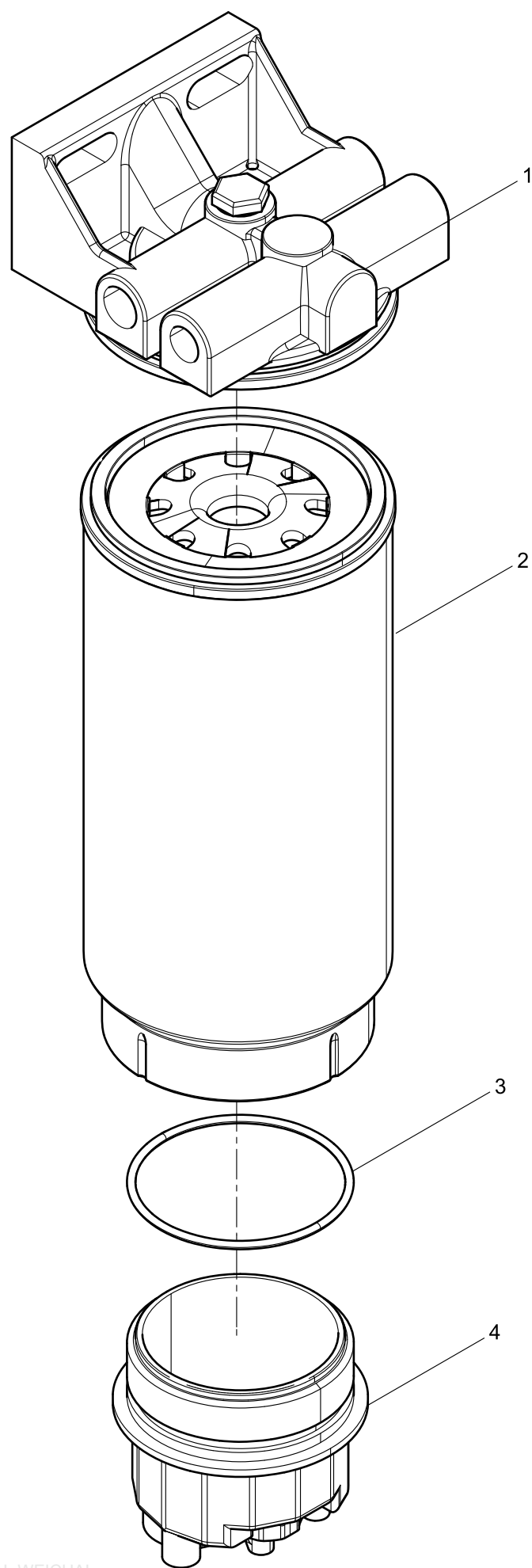
Fuel Filter Group



Fuel Filter Group

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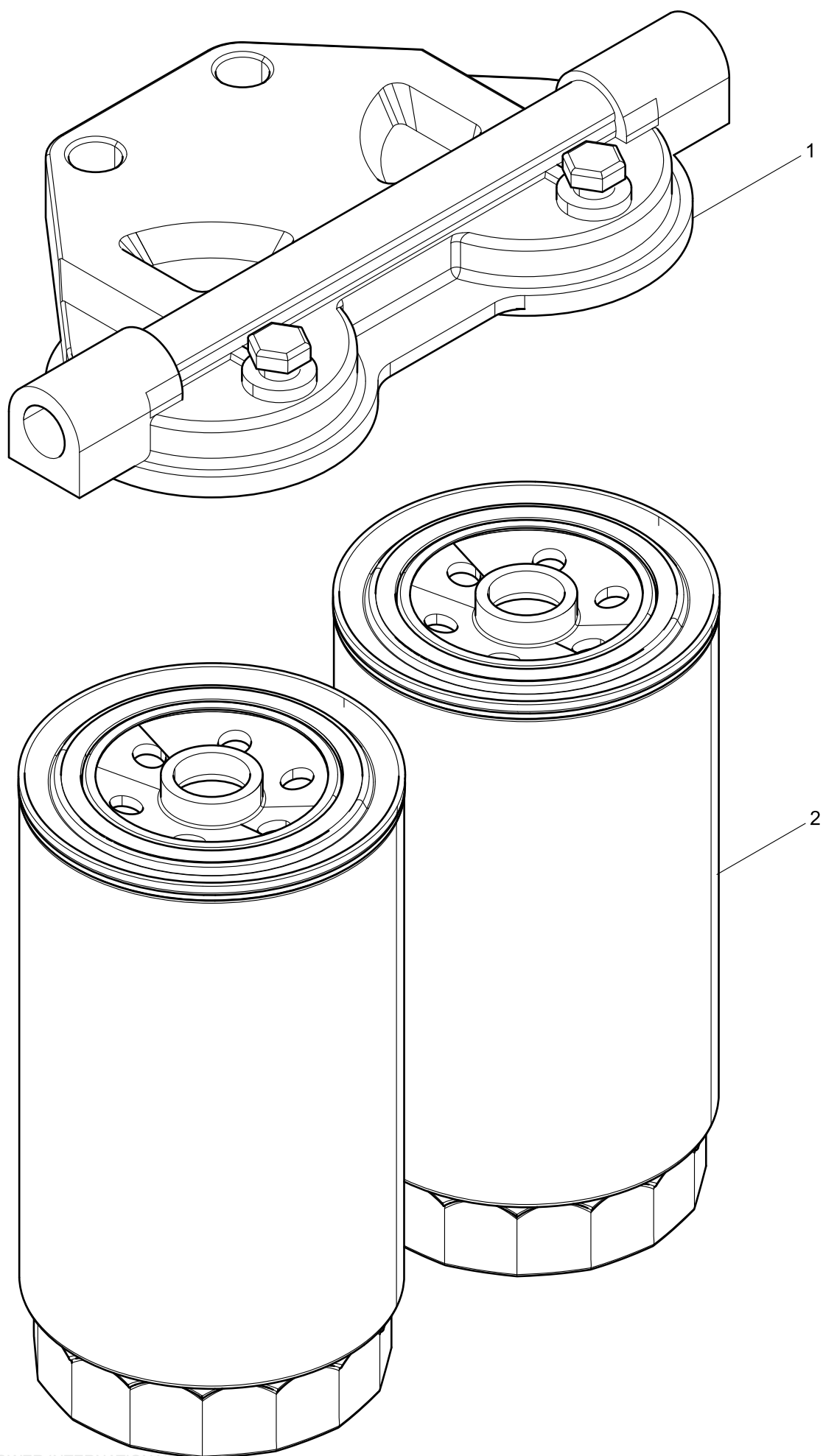
Fuel Coarse Filter



Fuel Coarse Filter

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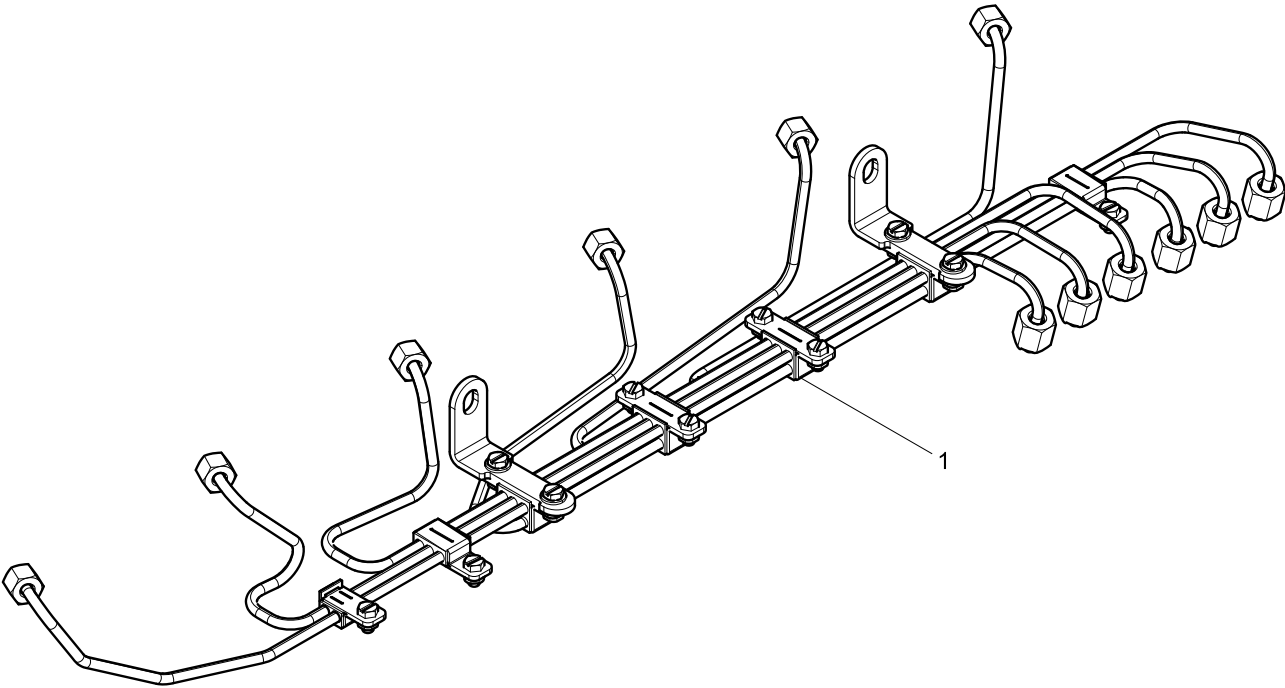
Fuel Filter



Fuel Filter

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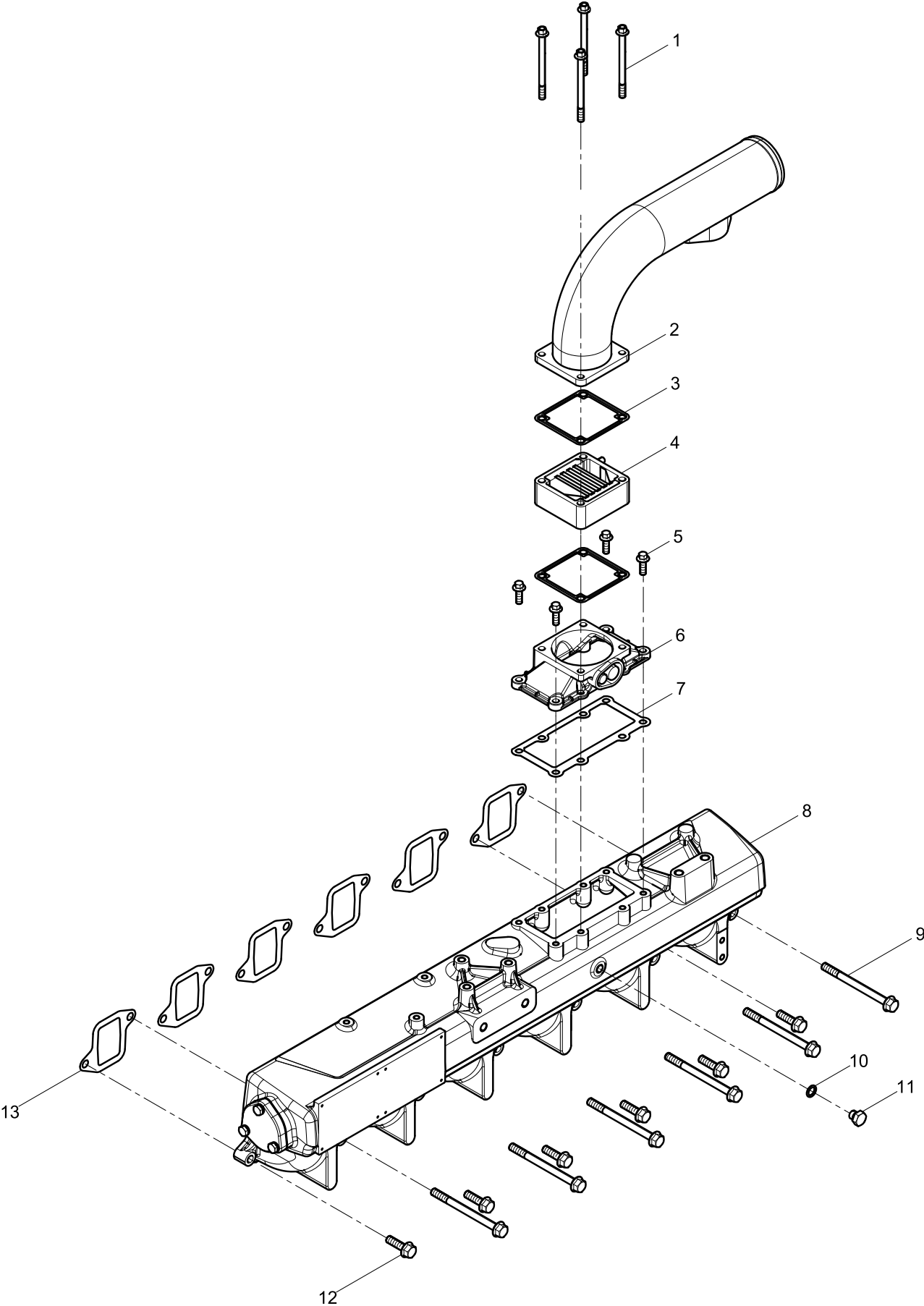
High Pressure Fuel Pipe Group



High Pressure Fuel Pipe Group

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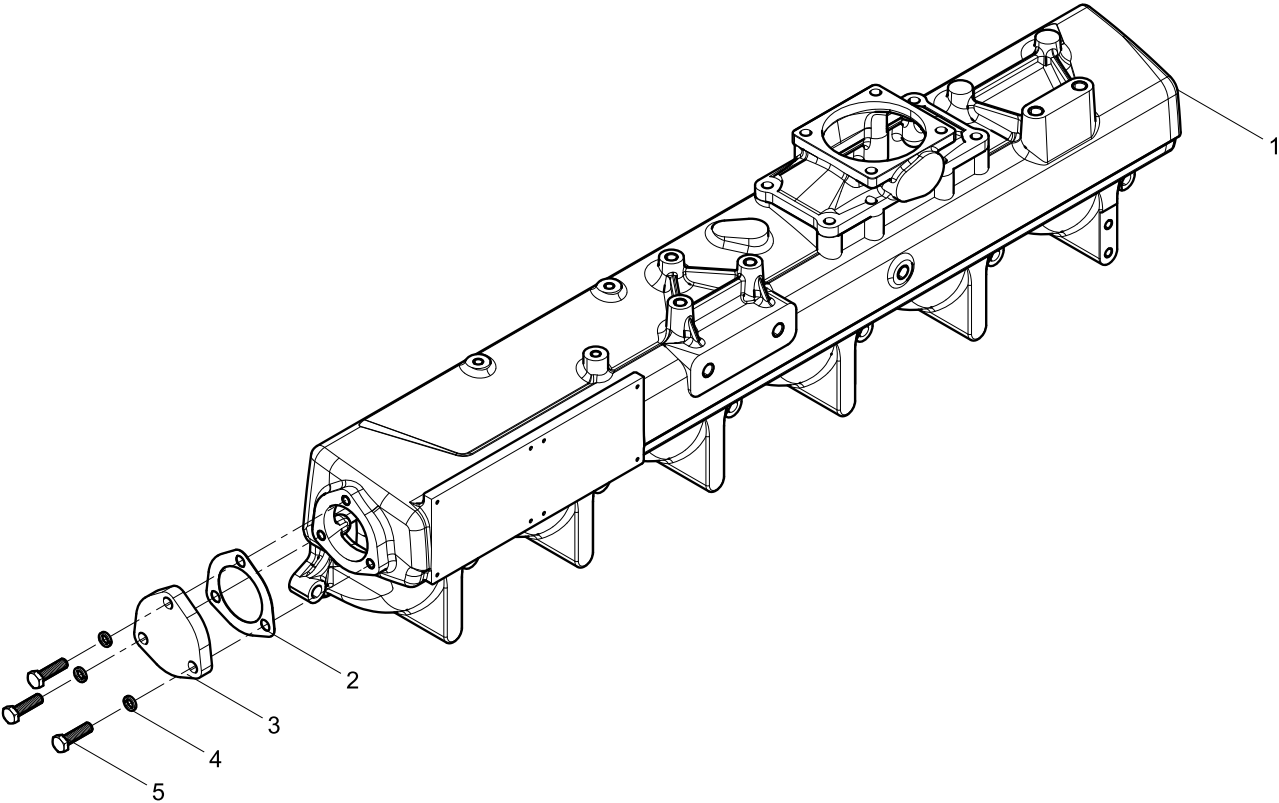
Intake Manifold Group



Intake Manifold Group

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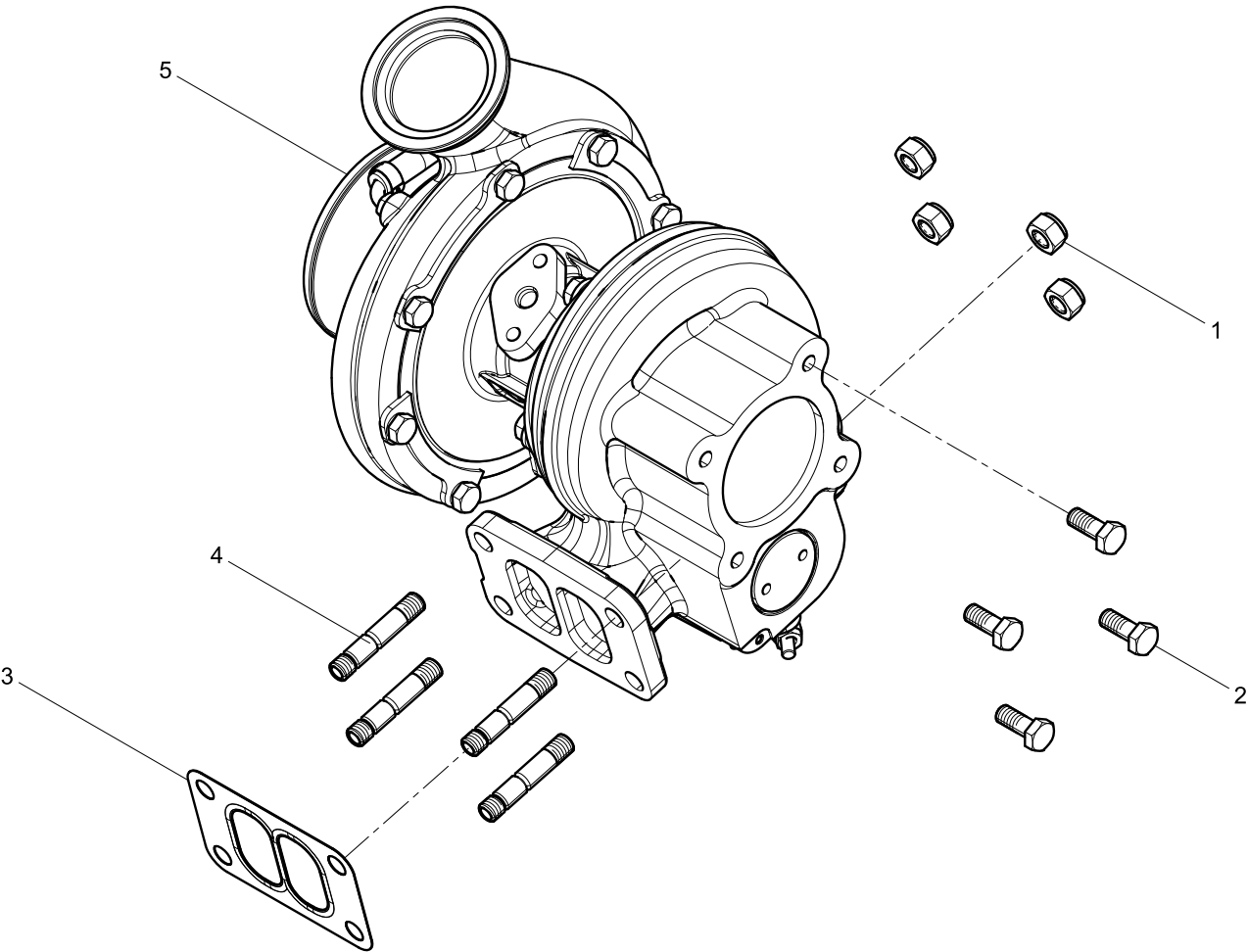
Intake Manifold Assembly



Intake Manifold Assembly

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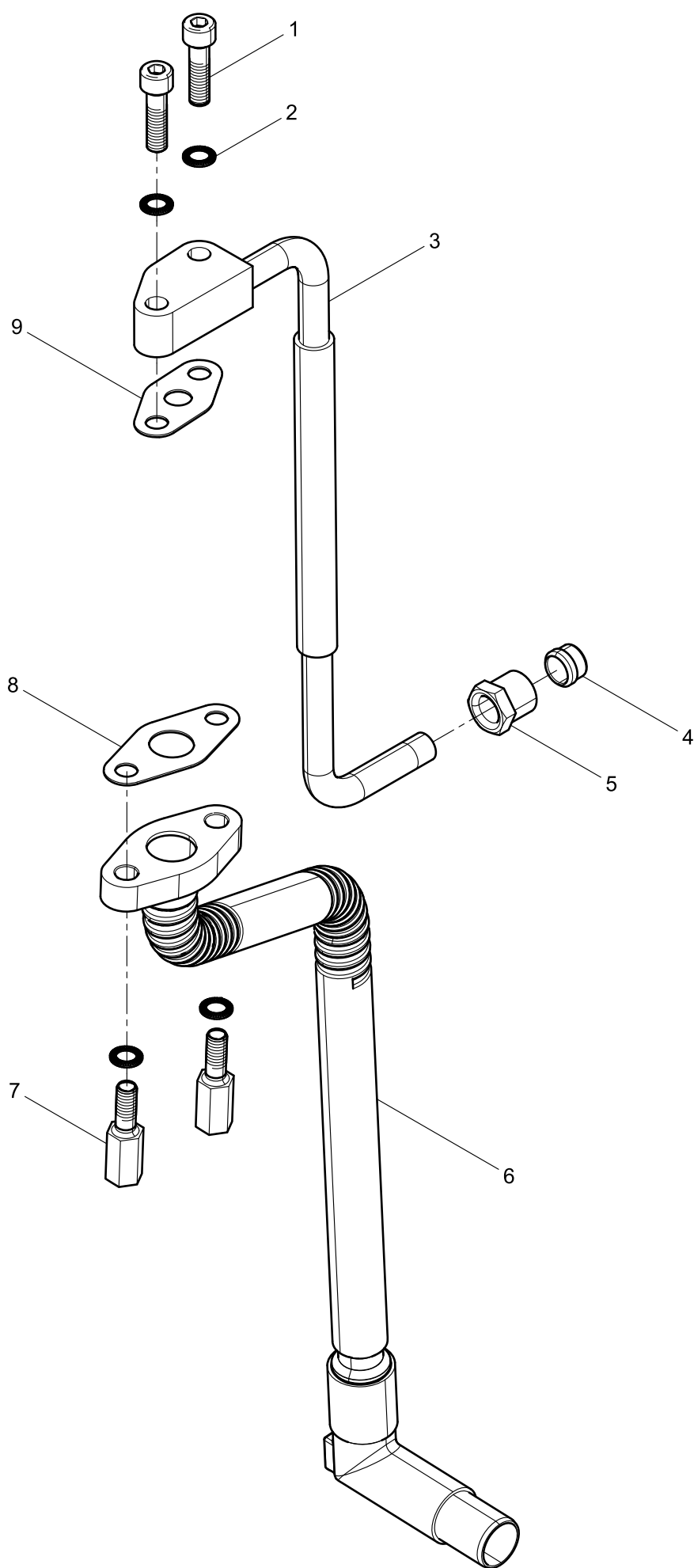
Turbocharger Group



Turbocharger Group

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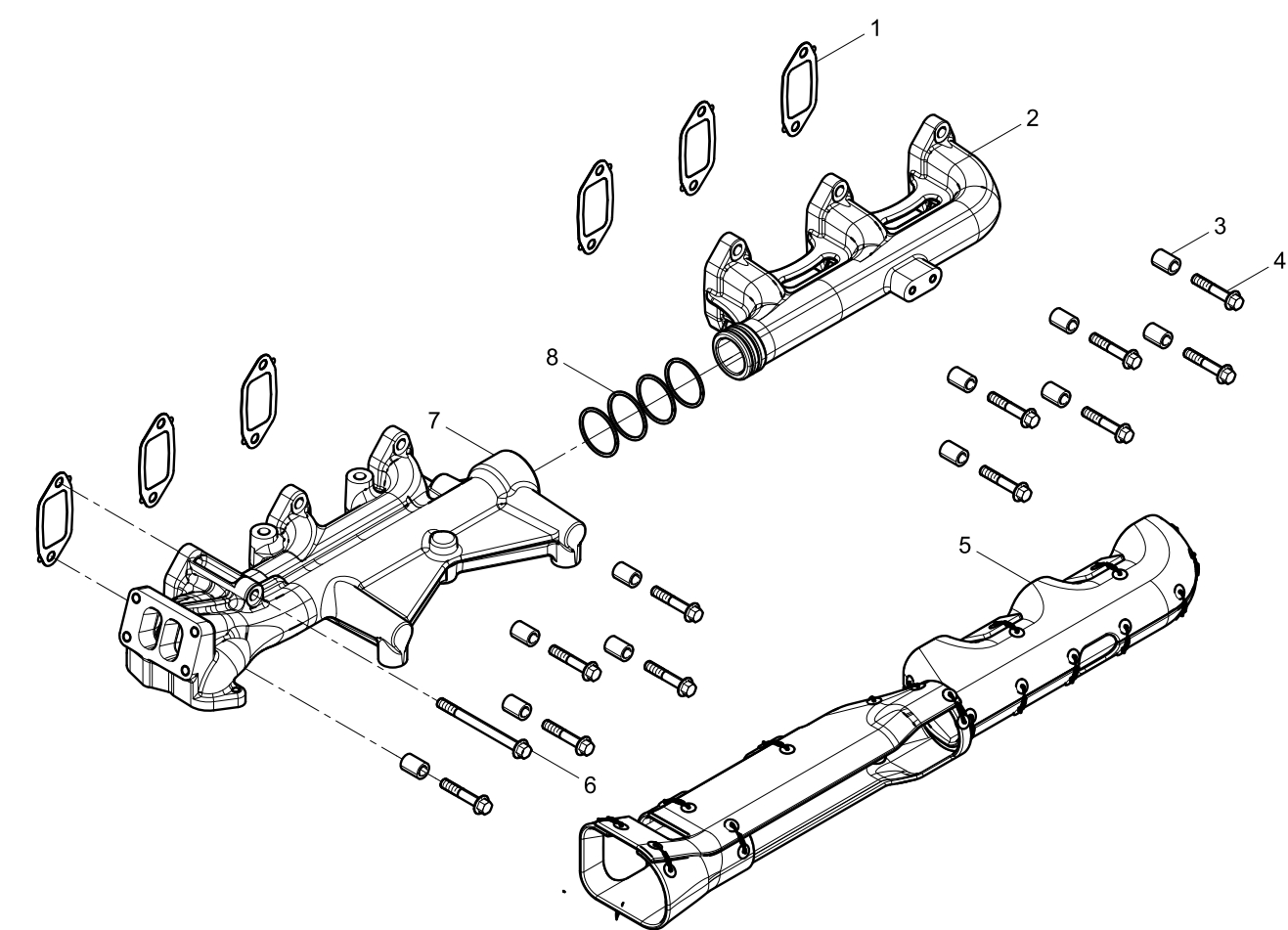
Turbocharger Oil Pipe Group



Turbocharger Oil Pipe Group

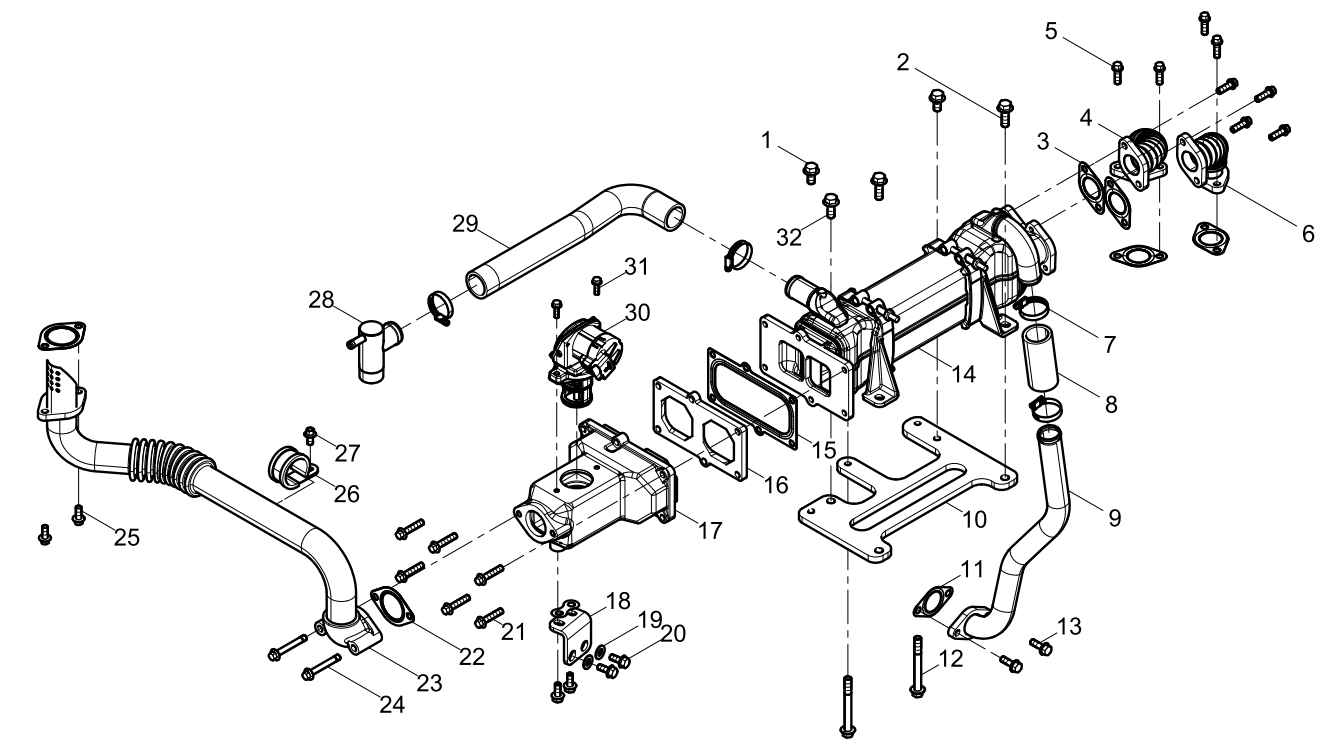
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Exhaust Manifold Group



Exhaust Manifold Group

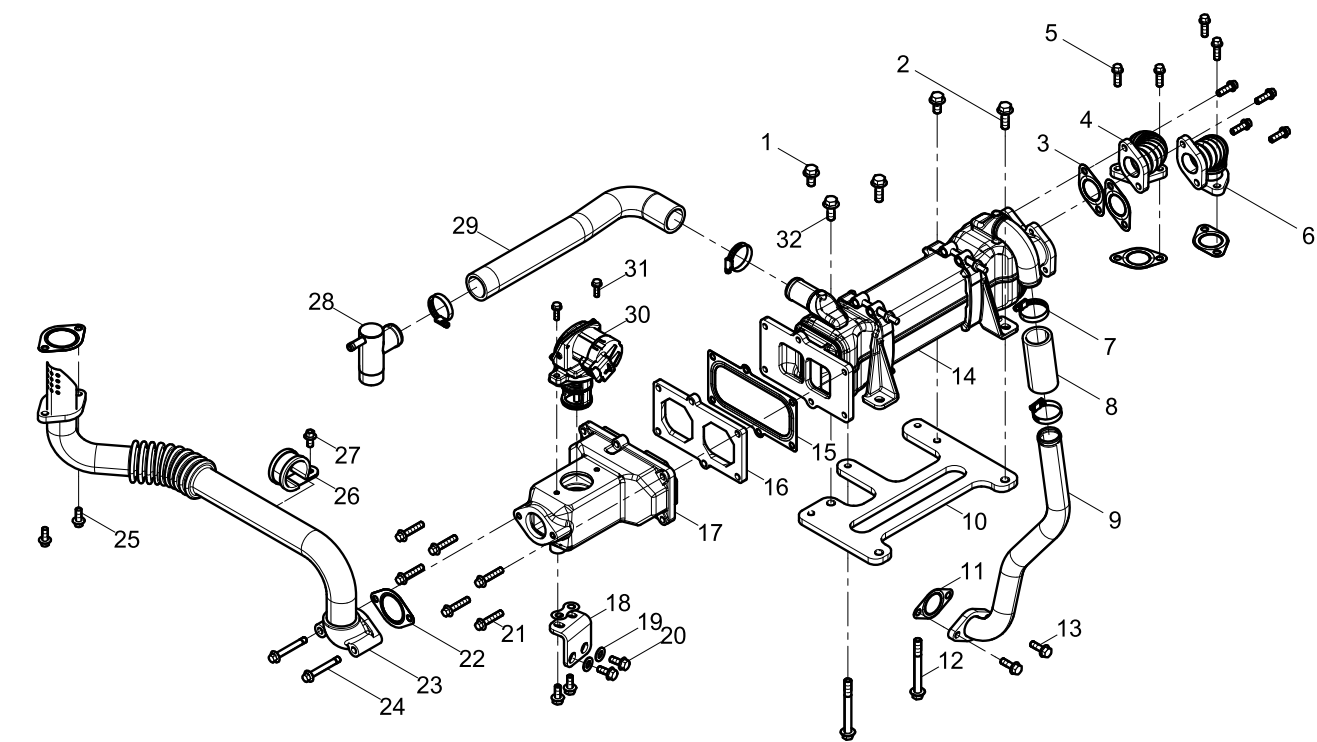
EGR System Group



EGR System Group

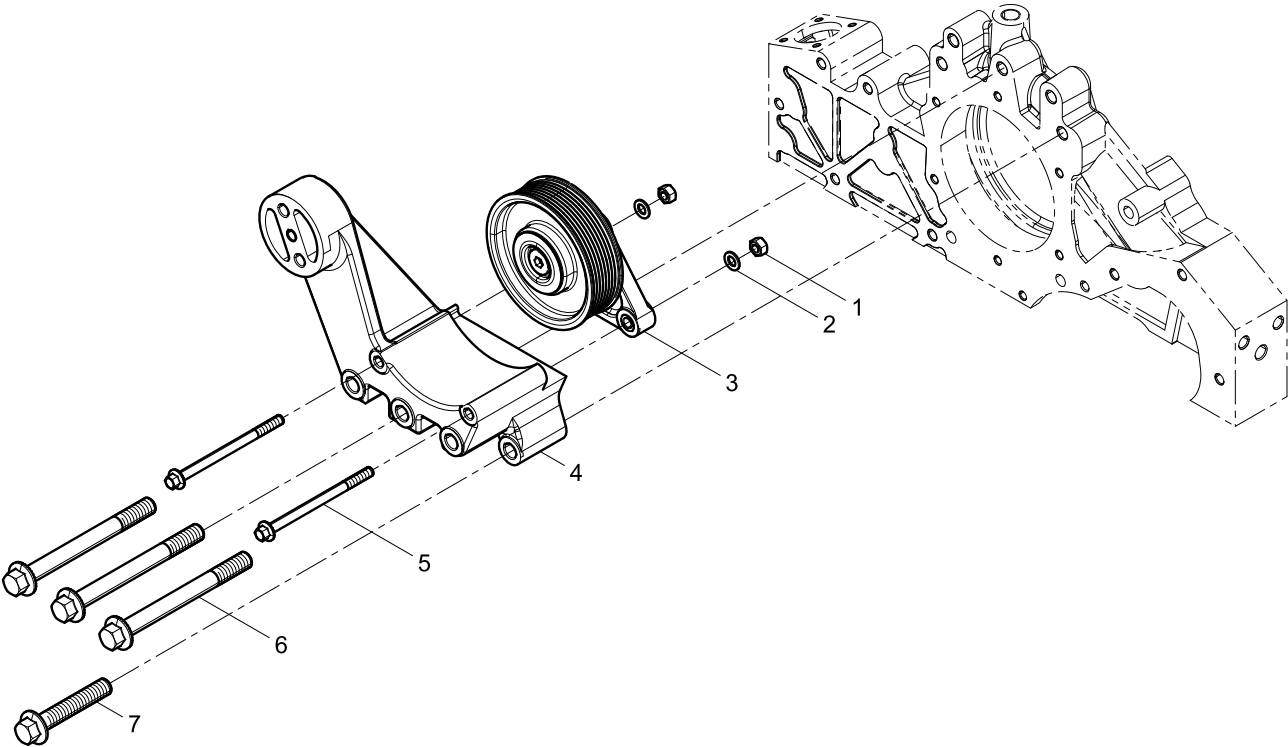
Pos.	Teile.Number	Amount	Designation
1	90011400027	2	Hexagon Flange Bolt
2	90011400028	2	Hexagon Flange Bolt
3	612600115704	4	Gasket for EGR Air-inlet Connecting Flange
4	612640120047	1	EGR Air-inlet Pipe Assembly
5	612600114964	8	Hexagon Flange Bolt
6	612640120049	1	EGR Air-inlet Pipe Assembly
7	01177986	4	Clamp
8	612600160186	1	Coolant Connecting Rubber Pipe
9	612640110277	1	EGR Cooler Air-inlet Pipe Set
10	612640110235	1	EGR Cooler Bracket
11	612600115830	1	EGR Inlet Pipe Gasket
12	612600116374	2	Exhaust Manifold Bolt
13	90011400020	2	Hexagon Flange Bolt
14	1000405078	1	EGR Cooler
15	612600115818	1	Gasket for EGR Gas Exhaust Connecting Flange
16	612600112885	1	EGR Gas Exhaust Connecting Flange
17	612630110839	1	EGR Valve Seat Assembly
18	612640110234	1	EGR Valve Seat Bracket
19	90014040008	2	Plain Washer
20	90011400002	4	Hexagon Flange Bolt
21	90011410001	6	Hexagon Flange Bolt
22	610800110914	2	Gasket for EGR Air-inlet Connecting Flange
23	1000402306	1	EGR Gas Exhaust Pipe Assembly
24	90011410006	2	Hexagon Flange Bolt
25	90011410011	2	Hexagon Flange Bolt
26	1000315294	1	Pipe Clamp Assembly
27	9000000068	1	Hexagon Flange Bolt

EGR System Group



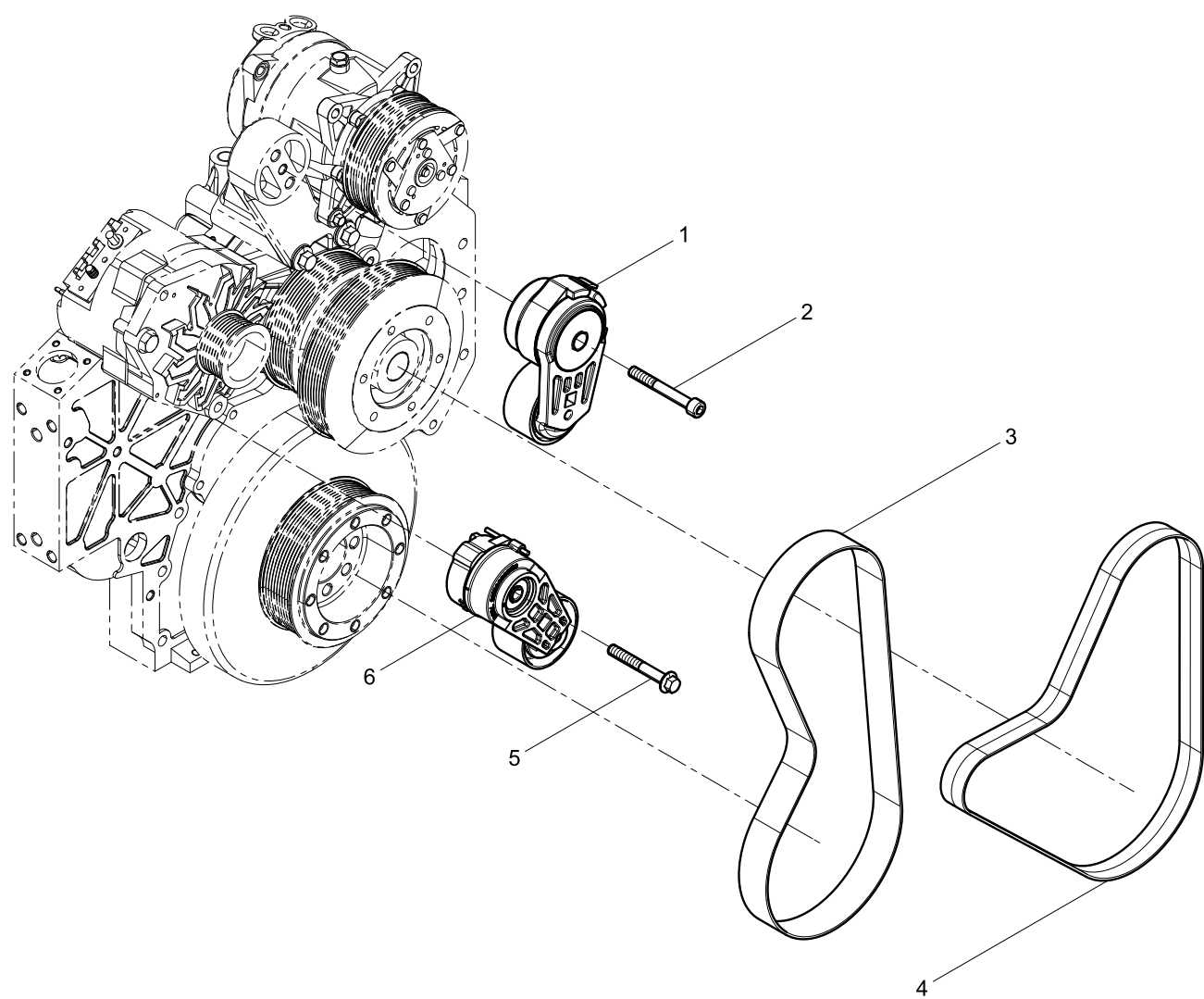
EGR System Group

Air Conditioning Compressor Group



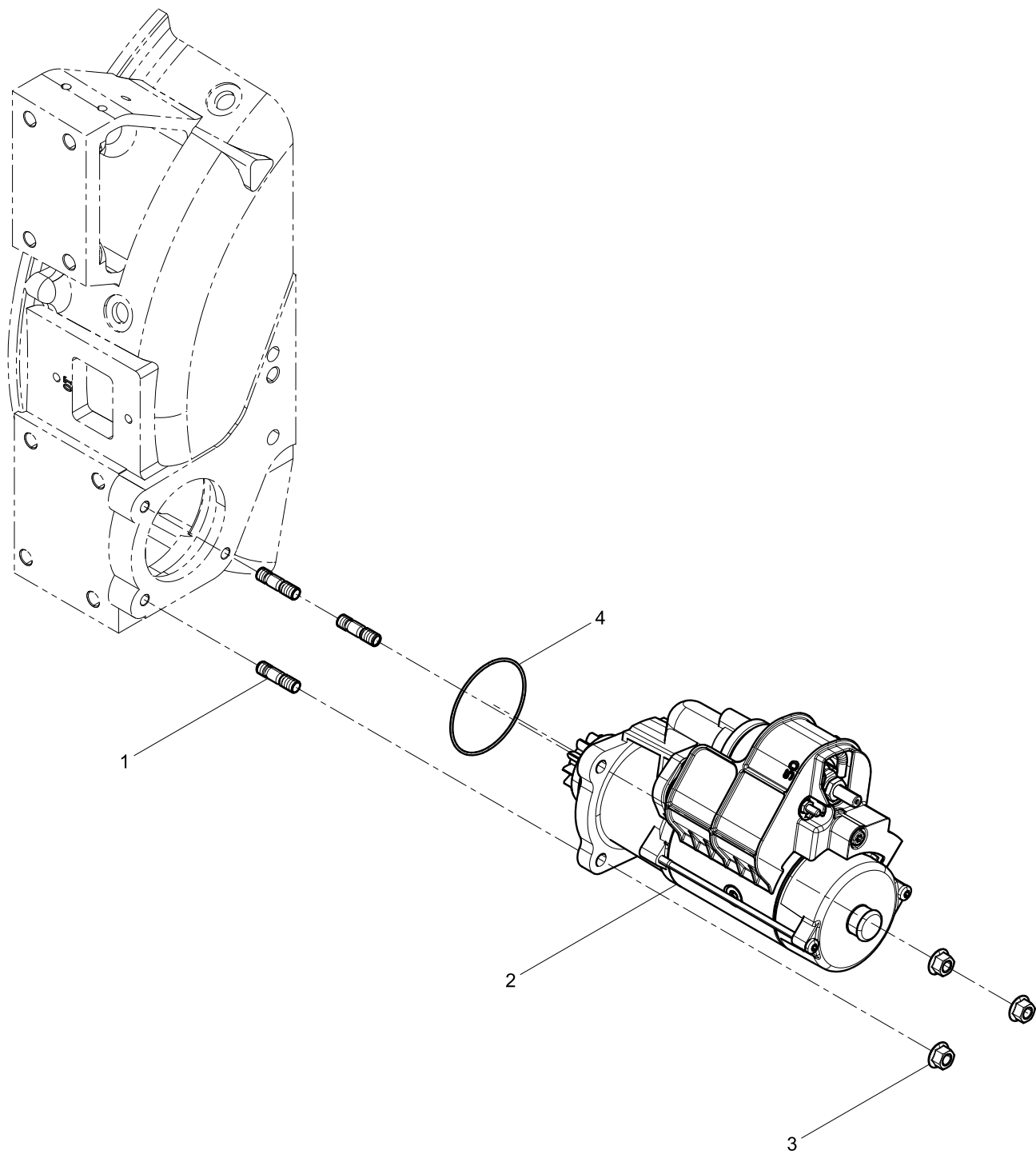
Air Conditioning Compressor Group

Tensioner And Belt Group



Tensioner And Belt Group

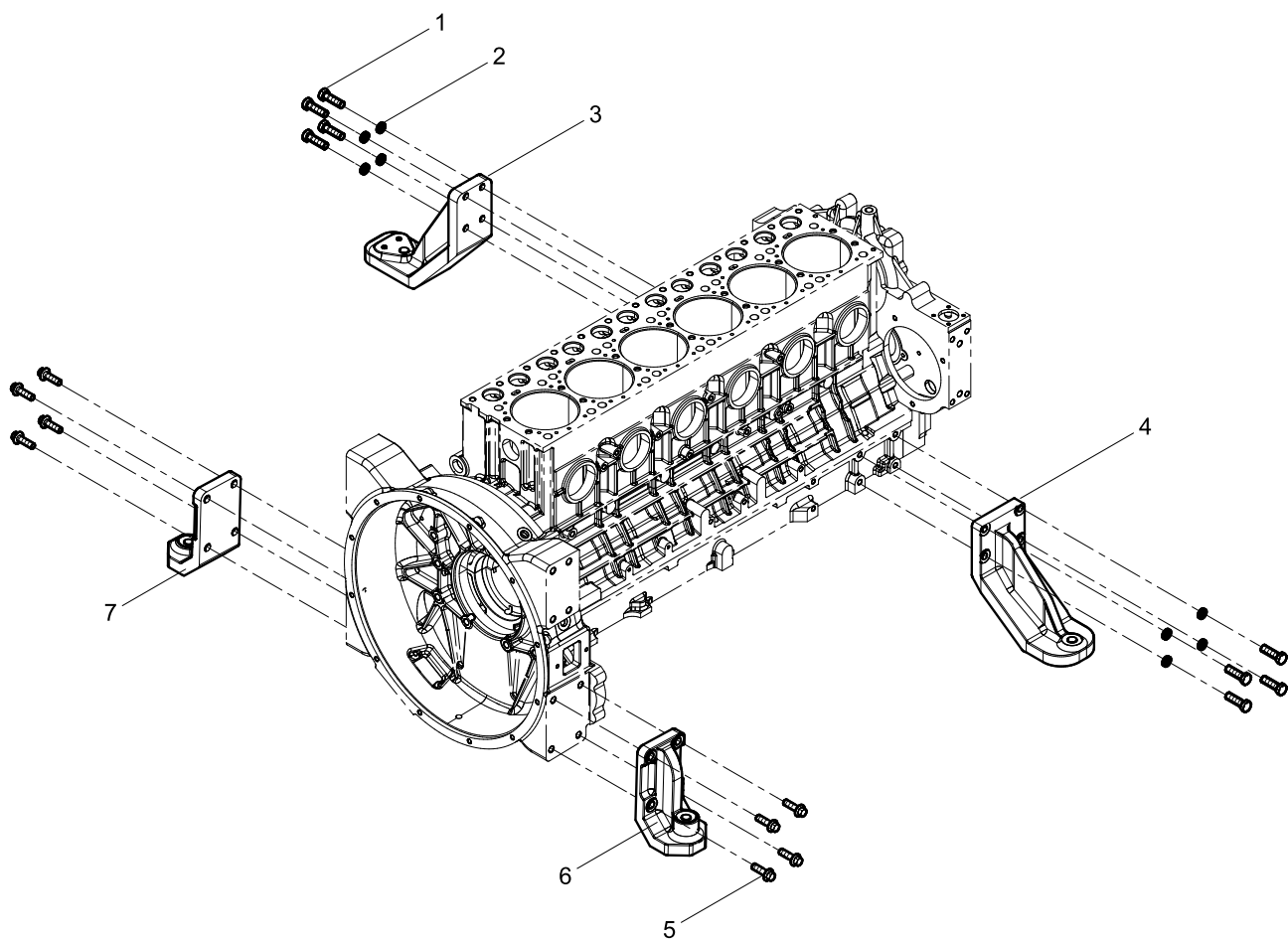
Starter Motor Group



Starter Motor Group

[illegible]

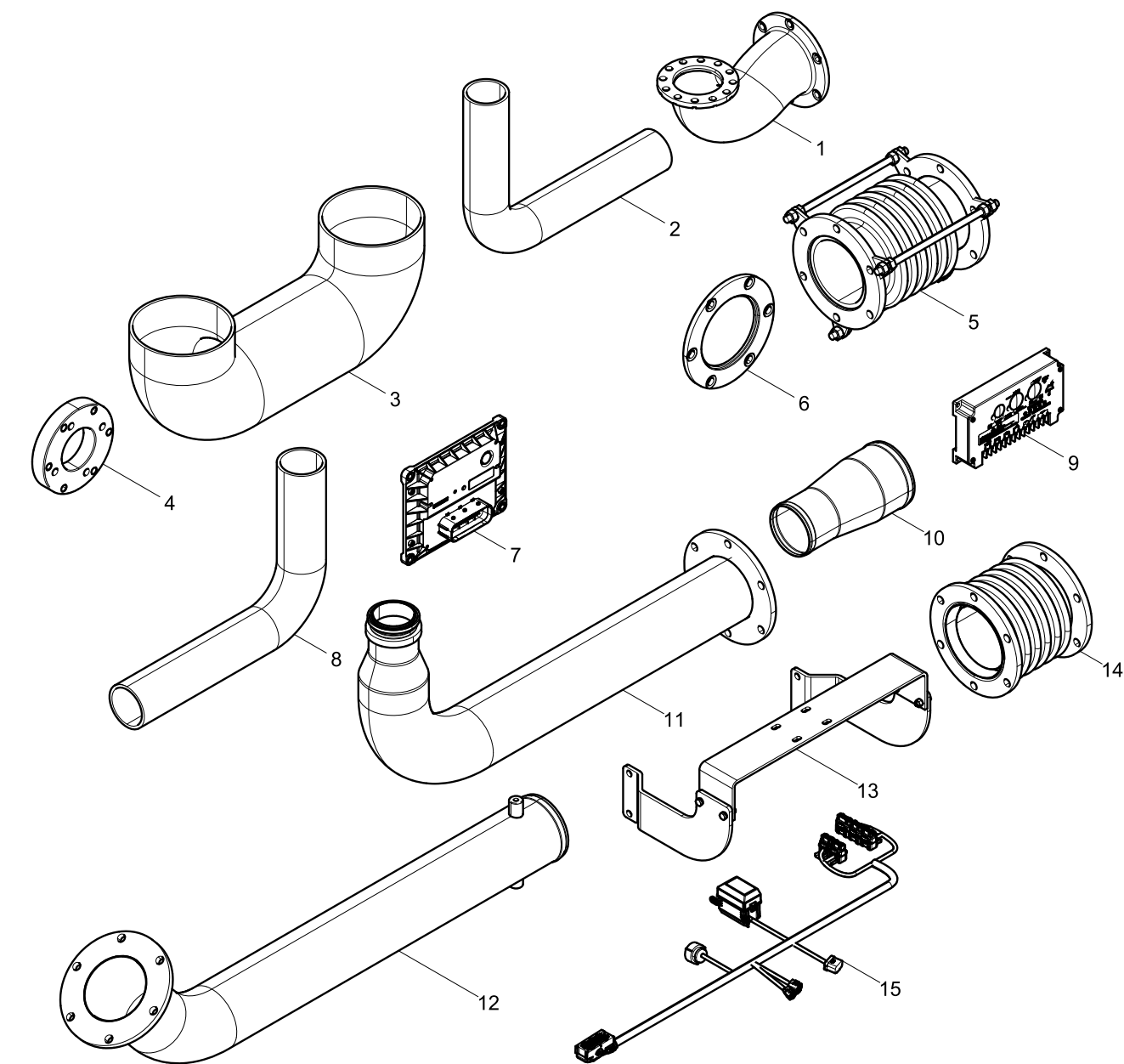
Engine Bracket Group



Engine Bracket Group

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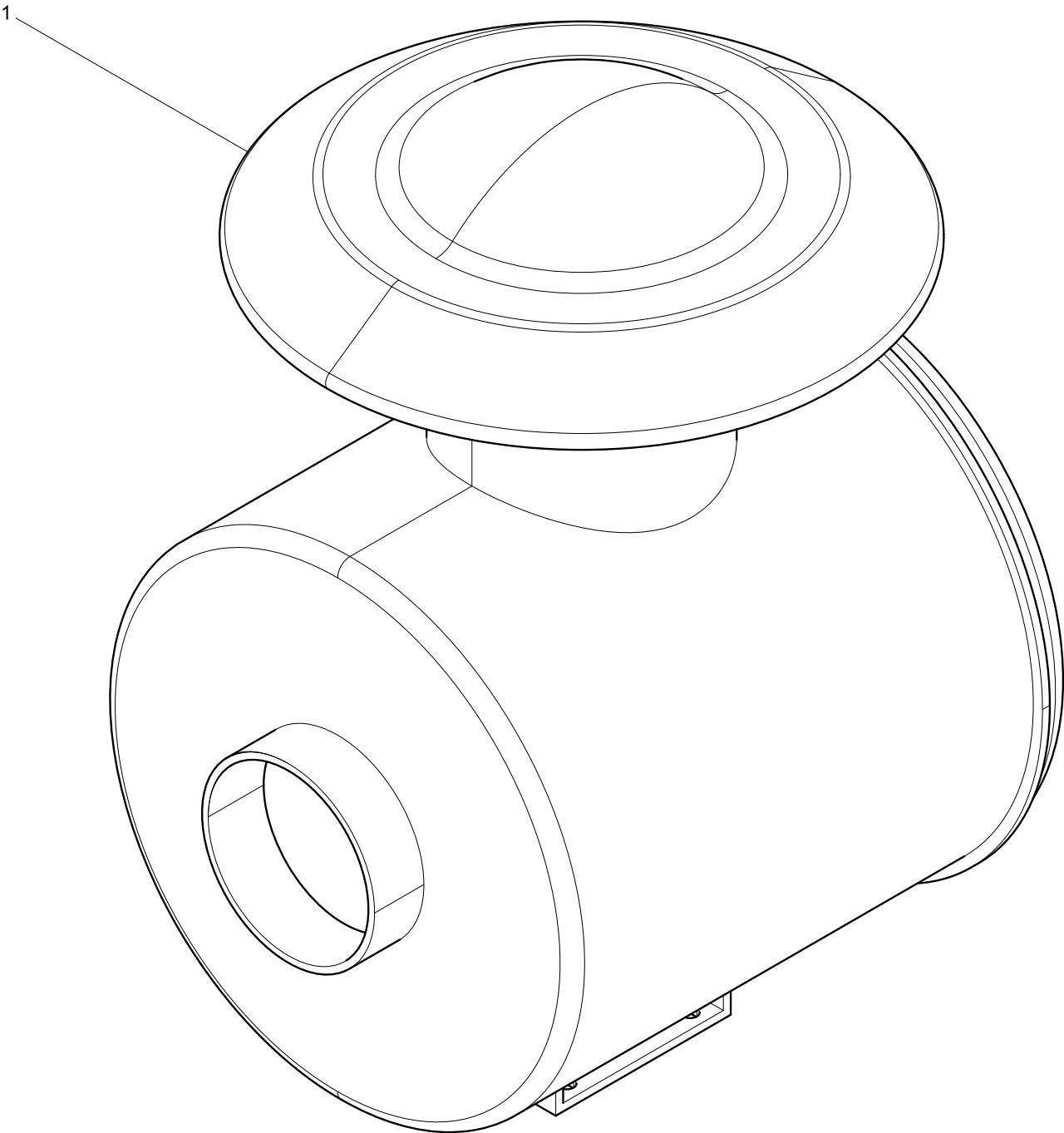
Packing Box Chassis Parts Group



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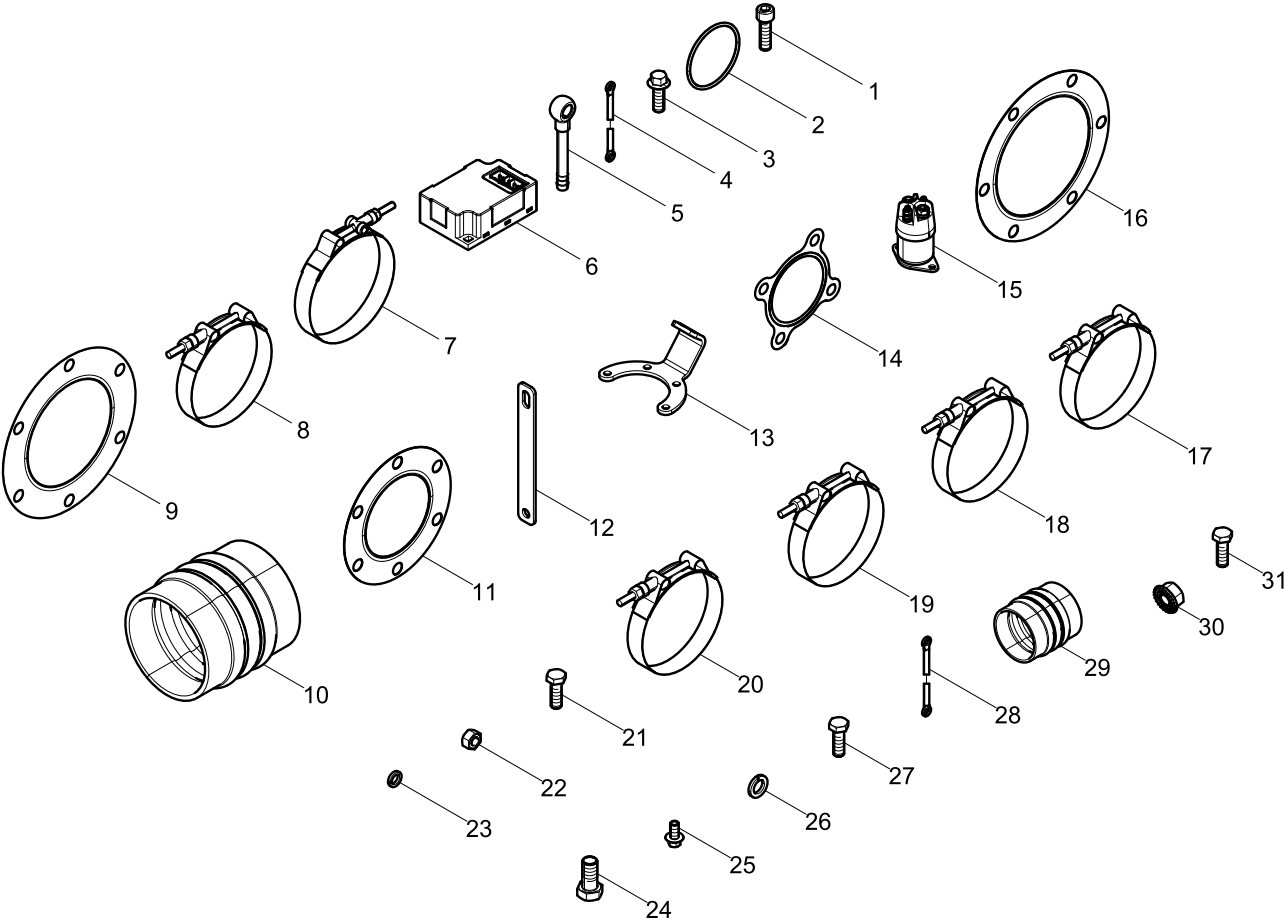
Separate Delivery Parts Group Attached to Engine



Separate Delivery Parts Group Attached to Engine

[illegible]

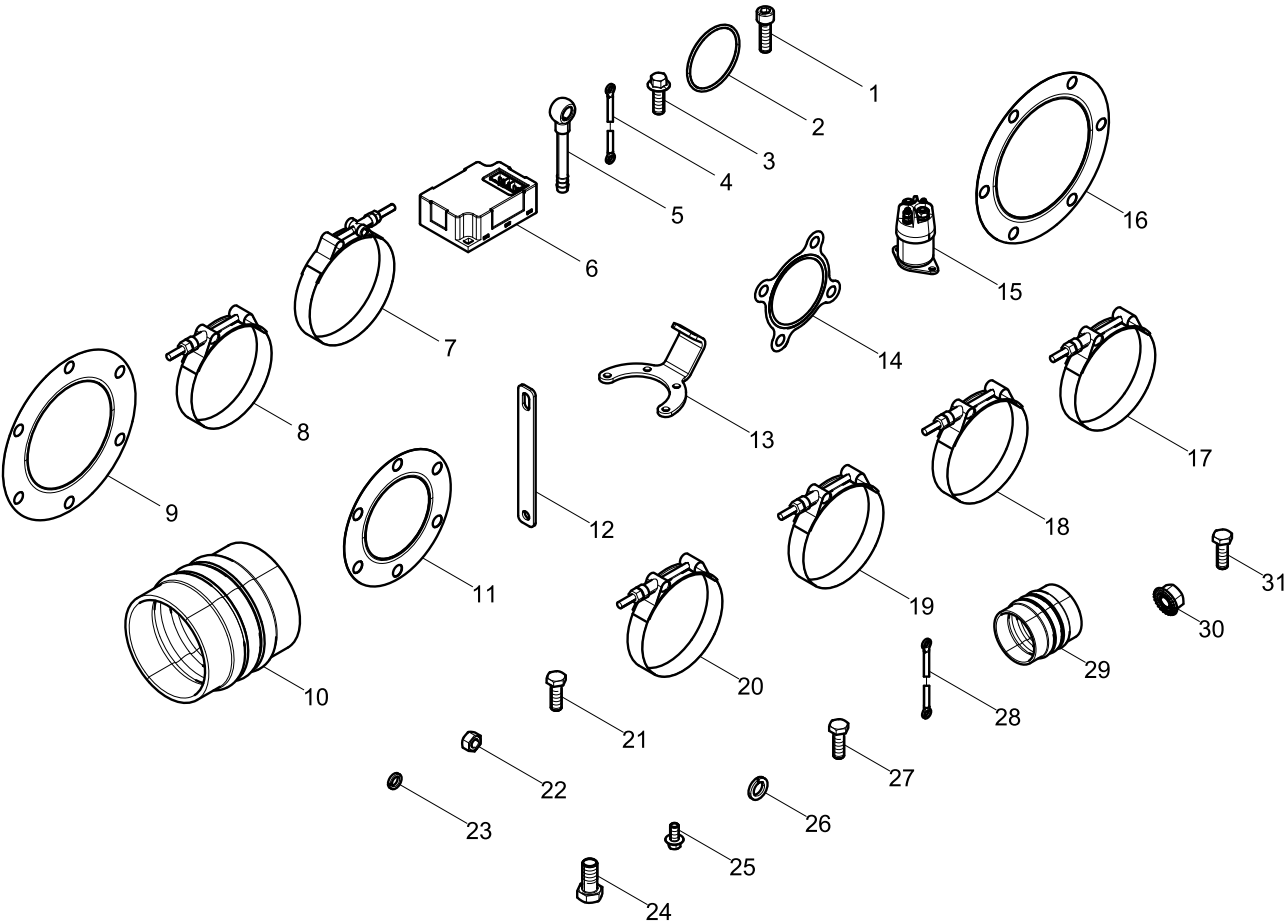
Parts Box Group



Parts Box Group

Pos.	Teile.Number	Amount	Designation
1	1000714922	4	Exhaust Manifold Bolt
2	190320035	1	Seal Ring
3	330209000186	6	Exhaust Manifold Bolt
4	610800090042	1	Glow plug harness
5	612600080172	2	Pipe Joint
6	612600090526	1	Electronic control of inlet heating
7	612600114701	4	Clamp
8	612600112232	2	Clamp
9	612600114278	2	Exhaust elbow gasket
10	612600114928	2	Air Connecting Rubber Pipe
11	612600115408	1	Gasket
12	612600115783	1	Bracket
13	612600115784	1	Bracket
14	612600116520	1	Gasket
15	612630080076	1	Relay
16	612700110029	2	Gasket
17	61560110226	1	Clamp
18	612630110820	2	Clamp
19	617021000042	2	Clamp
20	617021010008	2	Clamp
21	90003802527	4	Hexagon Head Bolt
22	90003871305	16	Hexagon Nuts, Style 1
23	90003931122	16	Spring Washer
24	90011360001	4	Hexagon Head Bolt
25	90011410002	2	Hexagon Flange Bolt
26	90014170002	4	Single Coil Spring Lock Washer, Light Type
27	612600111197	1	Bolt

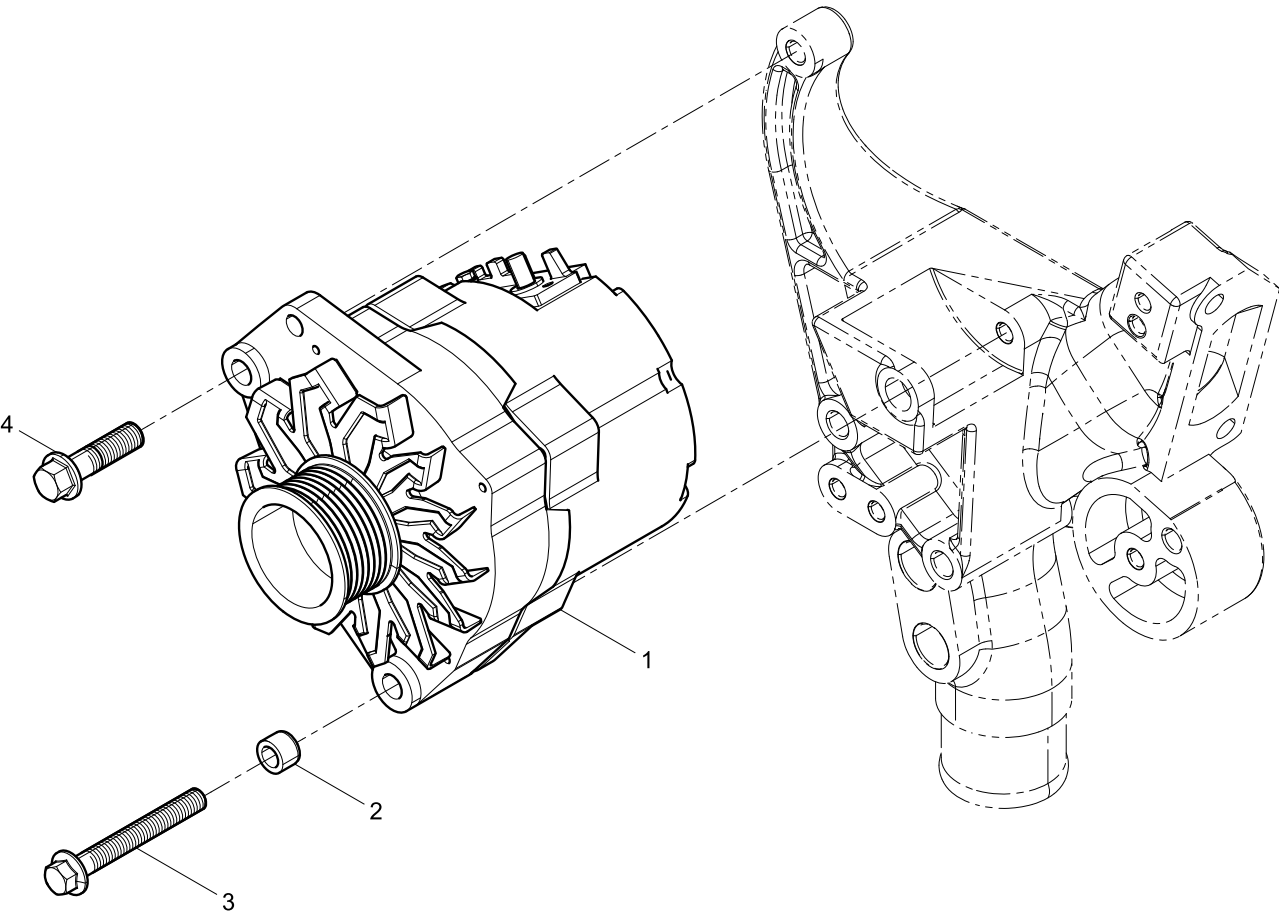
Parts Box Group



Parts Box Group

[illegible]

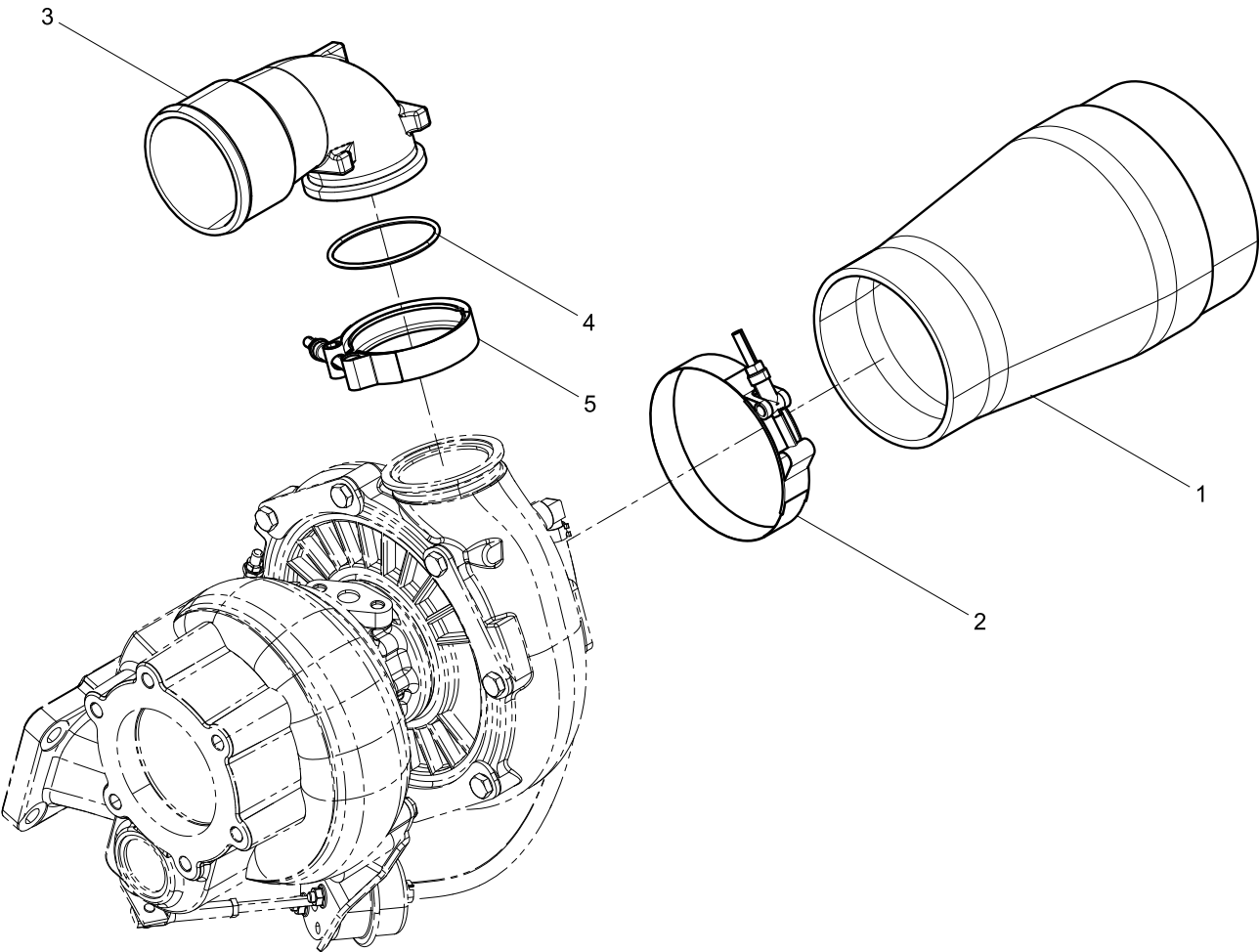
Alternator Group



Alternator Group

[illegible]

Compressor Pipe Group



Compressor Pipe Group

[illegible]

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