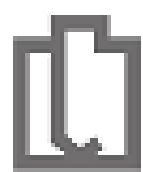




BAUDOUIN DIESEL PARTS CATALOGUE

6M11

 **MOTEURS**
Baudouin

Preface

PREFACE

This illustrated parts manual is specially prepared for customers to facilitate the use of 6M11 series 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 engine ,some parts can not be sold ,if you want to know selling part matters,please ask Weichai Power Co.,Ltd.

With the development of technology and production,the versions of the 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.

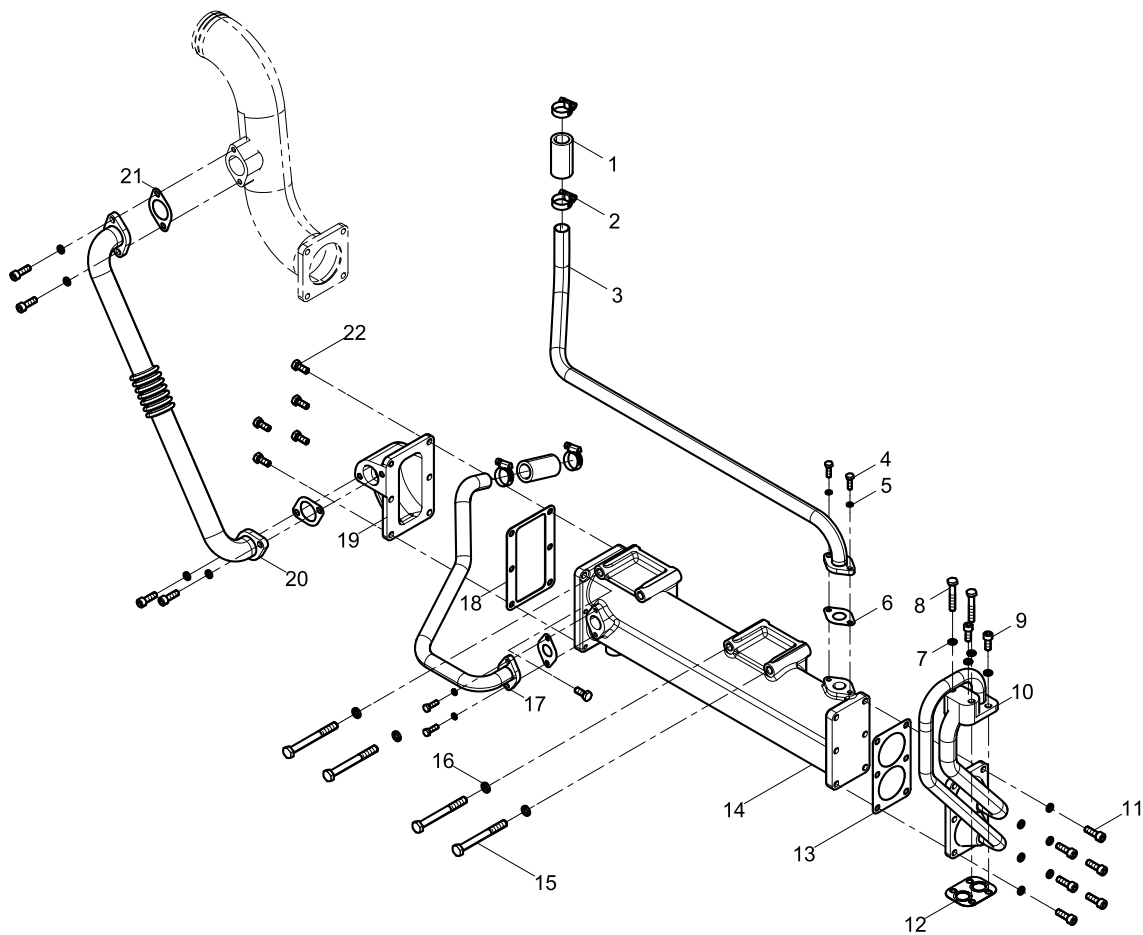
CONTENTS

EGR System Assembly	1
crankcase assembly	3
crankcase assembly	5
Front End Cover Group	7
Front End Cover Subassembly	9
Idle Gear Assembly	11
Rear Oil Seal Group	13
Oil Seal Set	15
Spray Nozzle Group	17
Oil-gas Separator Group	19
Air Compressor Group	21
Oil Pan Group	23
Crankshaft Group	25
Crankshaft Assembly	27
Main Bearing Group	29
Thrust Bearing Set	31
Main Bearing Set	33
Thrust Plate Set	35
Flywheel Group	37
Flywheel Assembly	39
Crankshaft Pulley Assembly	41
Hub Group	43
Piston and Connecting Rod Group	45
Piston and Connecting Rod Group	47
Piston Assembly	49
Piston Ring Set	51
Connecting Rod Assembly	53
Connecting Rod Bearing Set	55
Cylinder Head Assembly	57
Cylinder Head Subassembly	59

Cylinder Head Subassembly	61
Intake and exhaust valve set.....	63
Rocker Arm Bracket Assembly.....	65
Rocker Arm Set.....	67
Cylinder Head Cover Group.....	69
Cylinder Head Gasket	71
Gear Drive Group	73
Valve Train Group	75
Oil Pump Group.....	77
Oil Filter Group	79
Oil Filter Seat	81
Oil Filter Seat Set	83
Oil Cooler Assembly	85
Oil Strainer Group.....	87
Fuel Injection Pump Assembly	89
Fuel Injector Group.....	91
Injector Return Pipe Group.....	93
Fuel Filter Group	95
Fuel Filter Assembly	97
High Pressure Fuel Pipe Group	99
Intake Manifold Group	101
Air Filter Group.....	103
Intermediate plate.....	105
Water Pump Group	107
Water Pump Pulley Assembly	109
Cooling water pipe assembly.....	111
Thermostat Assembly	113
Exhaust Manifold Assembly	115
Exhaust Turbocharger Assembly	117
Oil pipe assembly of turbocharger	119
Alternator Bracket Assembly	121

Alternator Group	123
Starter Motor Group	125
Compressor Pipe Group.....	127
Engine Bracket Group.....	129
Flywheel Housing Assembly	131
Packing Box Chassis Parts Group.....	133
Separate Delivery Parts Group Attached to Engine.....	135
Air Filter	137
Air Filter Body	139
Parts Kit Group.....	141
Hydraulic Pump Group.....	143

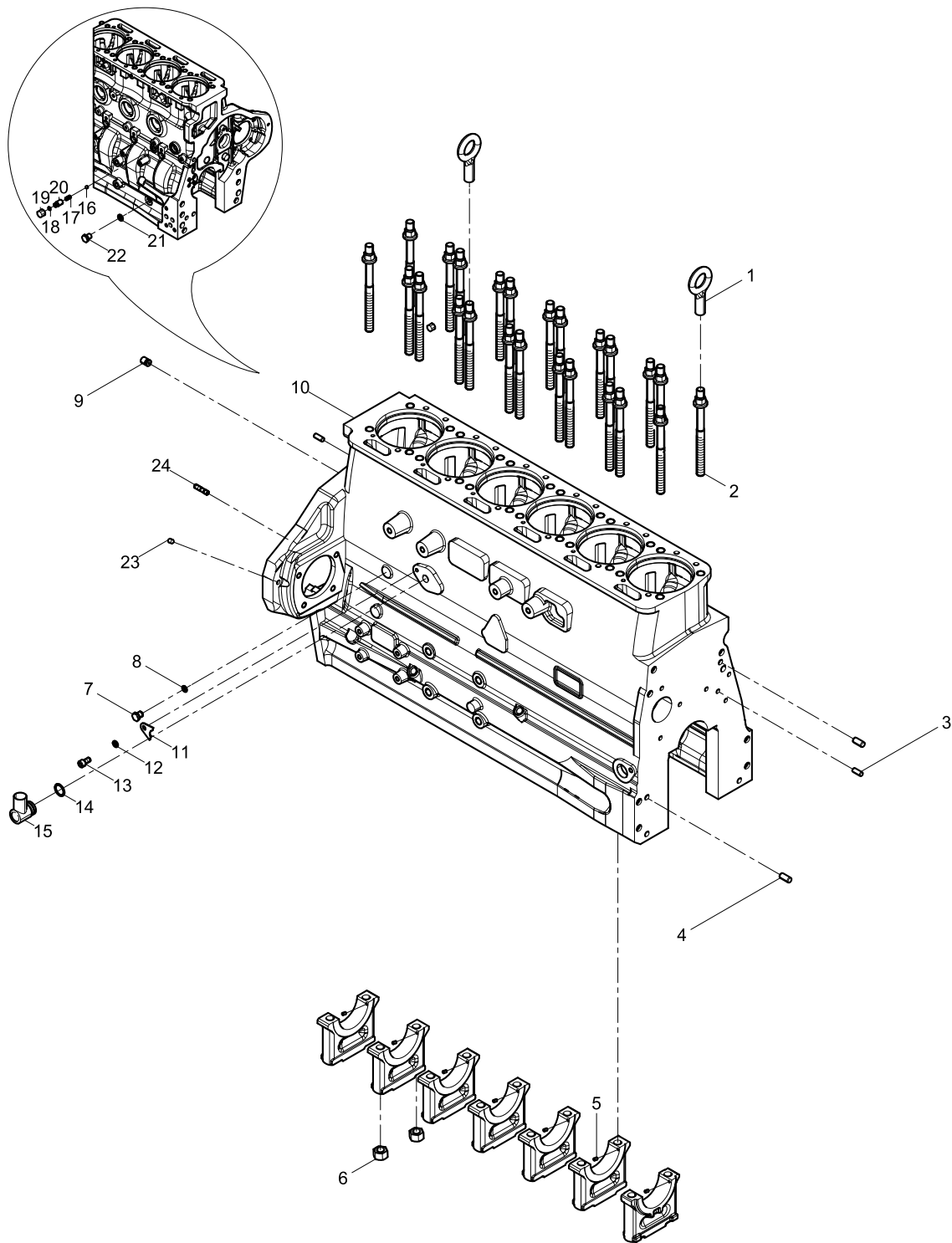
EGR System Assembly



EGR System Assembly

Pos.	Part Number	Qty.	Part Name
1	612630030143	2	Air Connecting Rubber Pipe
2	90003989340	4	Clamp
3	13034679	1	EGR Cooler Water-outlet Pipe Set
4	90003802331	4	Hexagon Head Bolt
5	90014350003	4	Spring Washer
6	13034978	2	Gasket
7	90003931102	20	Spring Washer
8	13056742	2	Hexagon Head Bolt
9	612600114657	2	Exhaust Manifold Bolt
10	13034678	1	EGR exhaust gas Air-inlet Pipe
11	90013050036	10	Inner Hexagon Socket Head Cap Screw
12	13034975	1	Gasket
13	13034977	1	Gasket
14	13034834	1	EGR Cooler
15	90011350038	4	Hexagon Head Bolt
16	90003931122	3	Spring Washer
17	1001539612	1	EGR Cooler Water Pipe Assembly
18	13034976	1	Gasket
19	13037465	1	EGR Flange
20	13060658	1	EGR Gas Exhaust Pipe Set
21	13034980	2	Gasket
22	90003802424	6	Hexagon Head Bolt

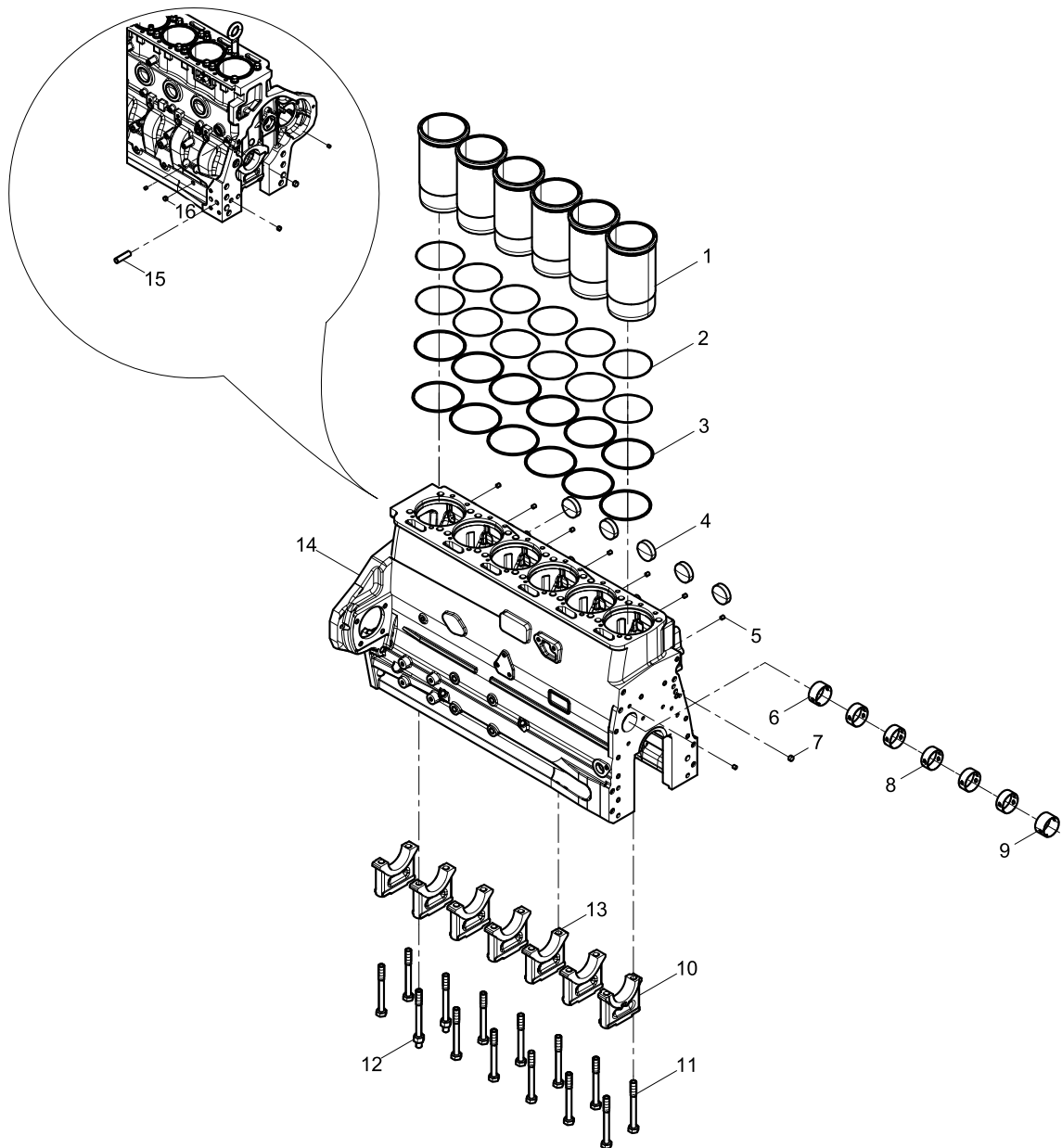
crankcase assembly



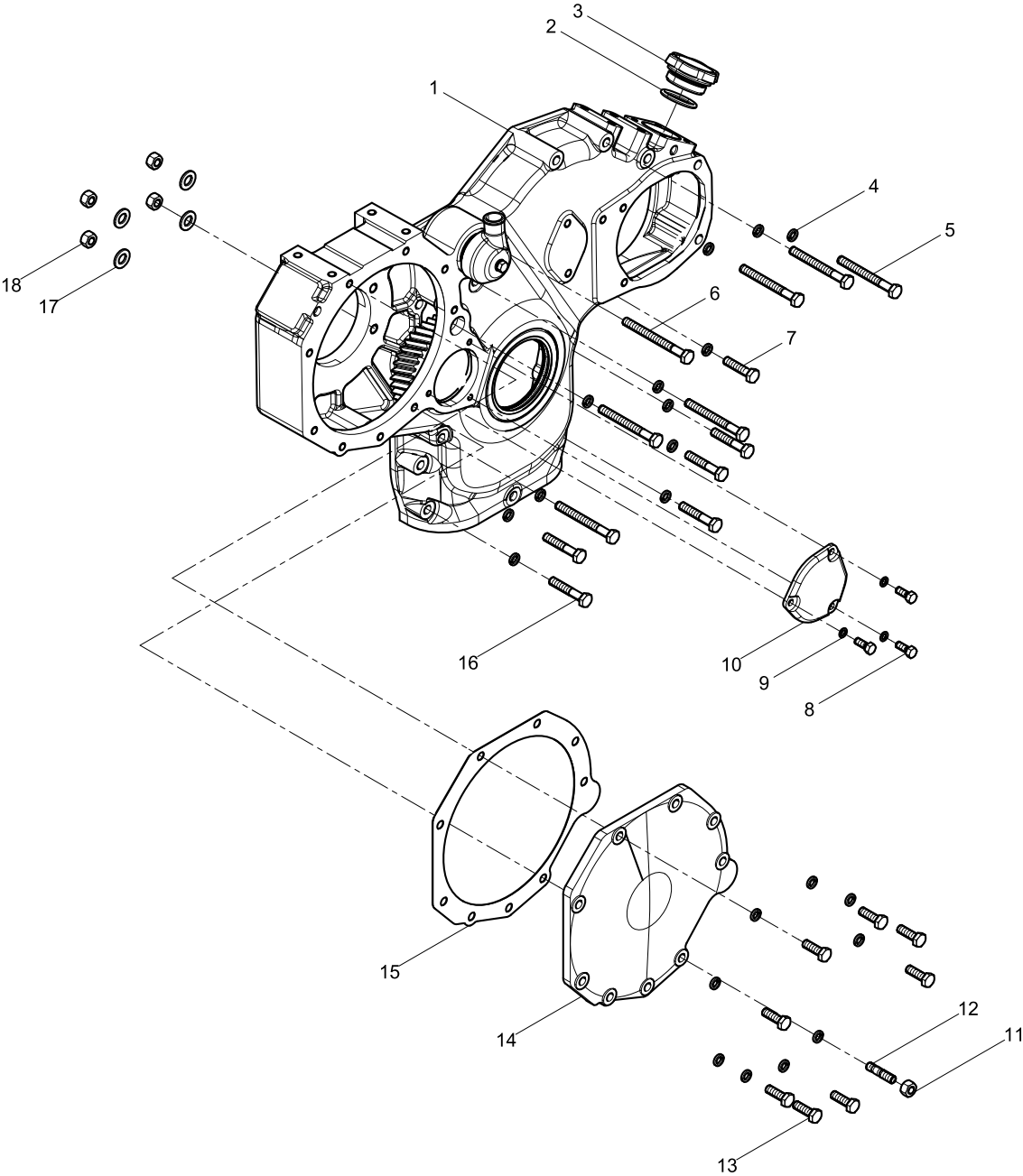
crankcase assembly

Pos.	Part Number	Qty.	Part Name
1	13020212	2	Lifting Screw
2	13037379	24	Cylinder Head Bolt
3	90003901420	3	Parallel Pin
4	90015210010	2	Parallel Pin
5	90015100005	7	Spring-Type Straight Pin, Slotted, Heavy Duty
6	01112877	2	Hexagon Nut
7	01118952	1	Hexagon Screw Plug
8	13057039	1	Assembled Sealing Washer
9	13022330	1	Idler Gear Shaft
10	13035147	1	crankcase assembly
11	12160129	1	Plate
12	13023361	1	Assembled Sealing Washer
13	01151498	1	Inner Hexagon Socket Head Cap Screw
14	01153869	1	O-ring
15	12160117	1	Pipe
16	90016210018	1	Steel Ball
17	01221356	1	Return Spring
18	90003931102	1	Spring Washer
19	12167057	1	Acorn Hexagon Nut
20	12167053	1	Screw
21	01118707	1	Sealing Washer
22	01151453	1	Hexagon Screw Plug
23	13039669	1	Parallel Pin
24	90011520047	1	Double End Stud

crankcase assembly



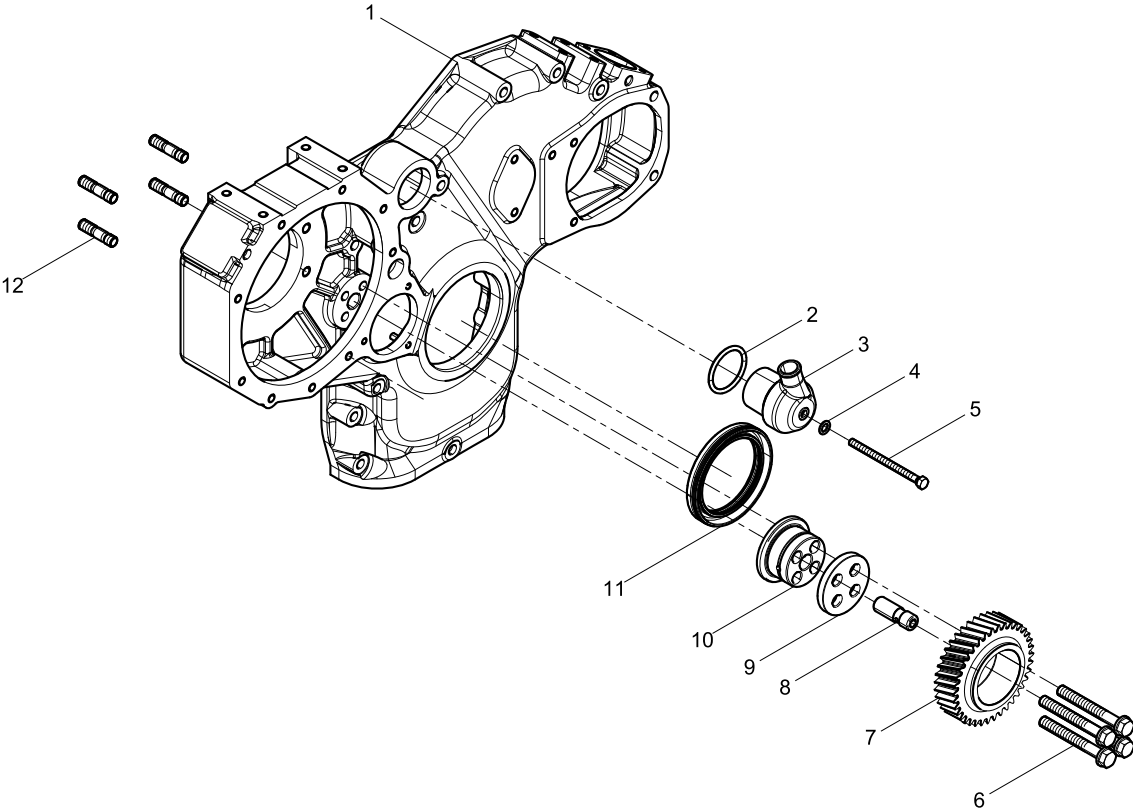
Front End Cover Group



Front End Cover Group

Pos.	Part Number	Qty.	Part Name
1	13061851	1	Front End Cover Subassembly
2	06214722	1	O-ring
3	1000880527	1	Oil Filling Pipe Cap
4	90003931102	21	Spring Washer
5	90003800467	6	Hexagon Head Bolt
6	90003800472	1	Hexagon Head Bolt
7	90003800431	1	Hexagon Head Bolt
8	90003802321	3	Hexagon Head Bolt
9	01118641	3	Sealing Washer
10	13022340	1	Front Cap Cover
11	90012700003	1	Hexagon Nut
12	90003813434	1	Double End Stud
13	90003802424	8	Hexagon Head Bolt
14	13022339	1	Front Cap Cover
15	13031533	1	Gasket
16	90003800441	5	Hexagon Head Bolt
17	90014040008	4	Plain Washer
18	90003888452	4	Hexagon Nut

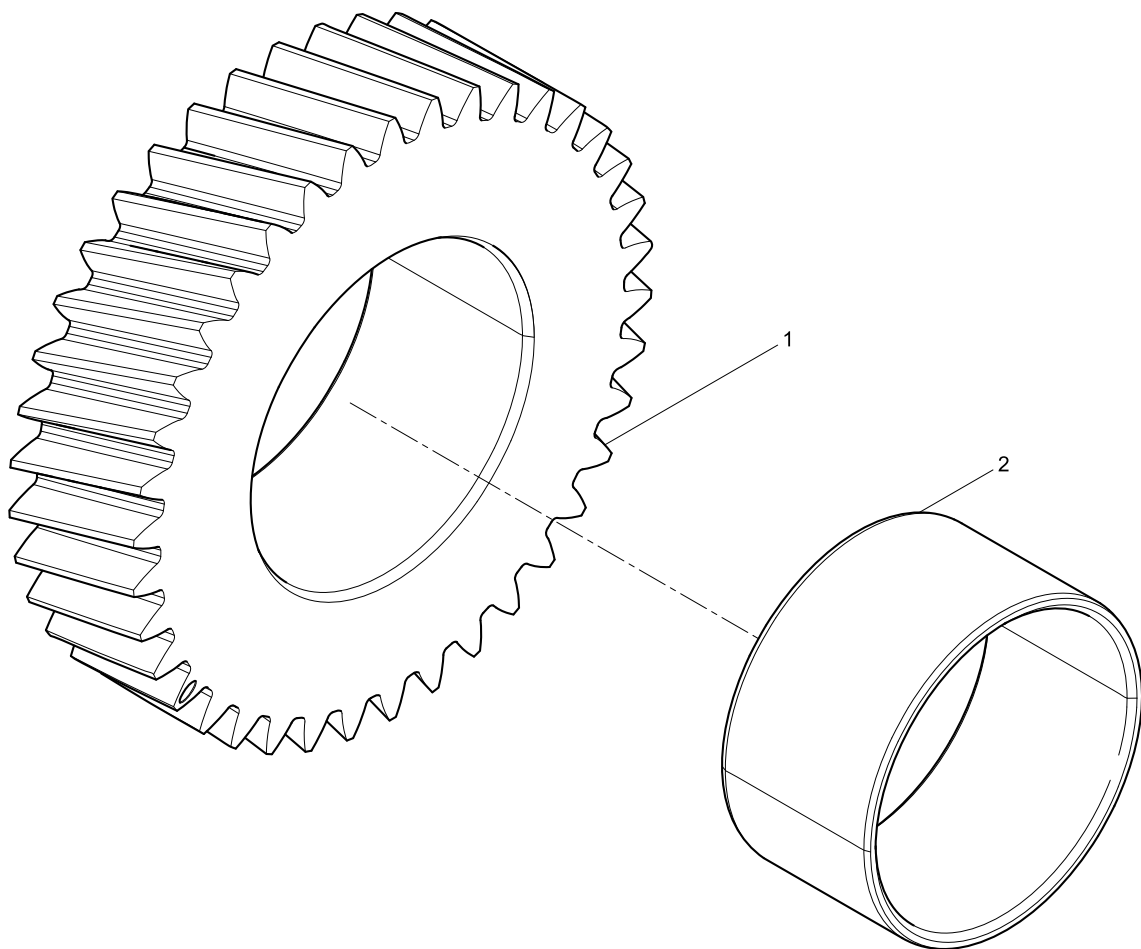
Front End Cover Subassembly



Front End Cover Subassembly

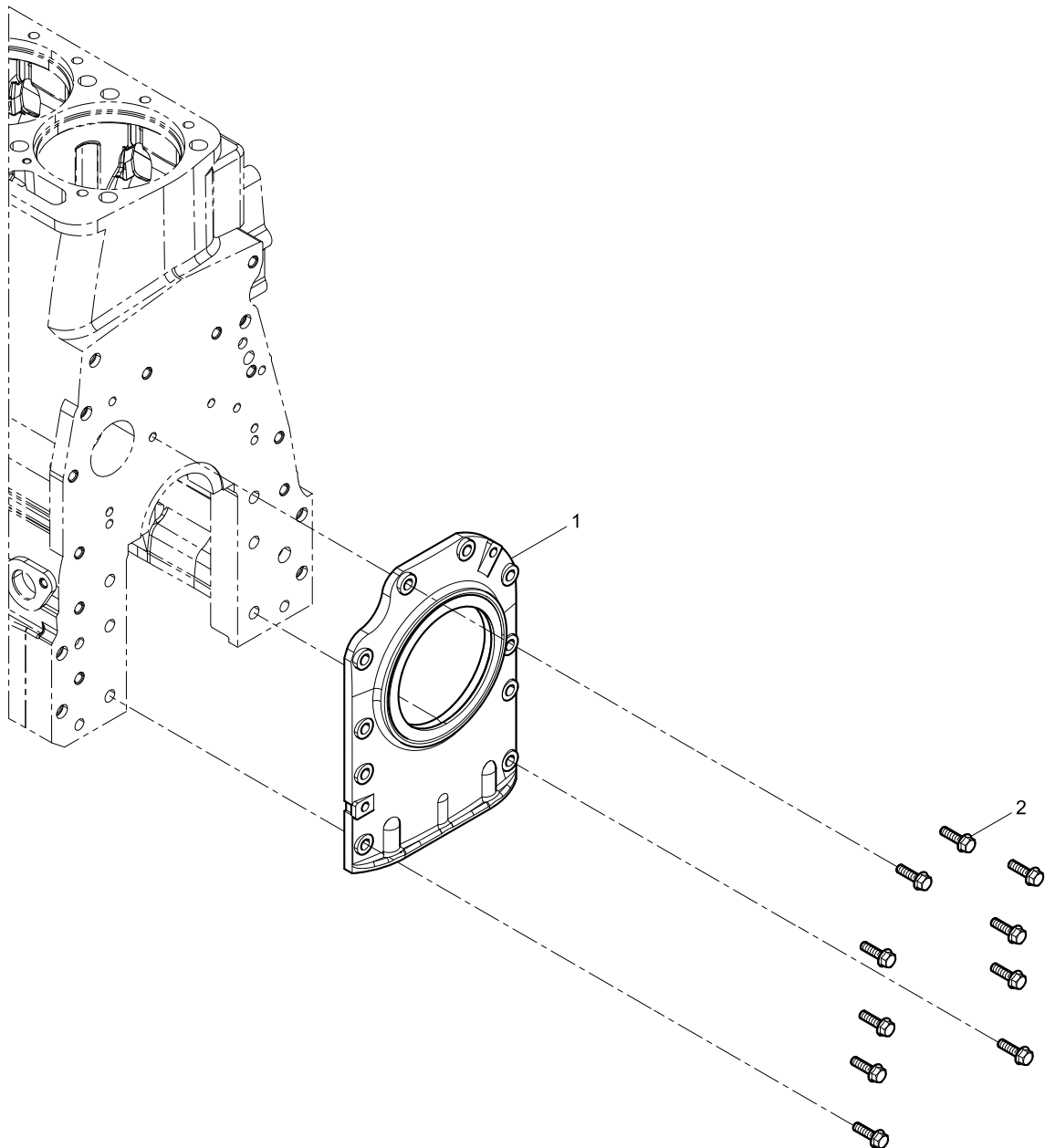
[illegible]

Idler Gear Assembly



[illegible]

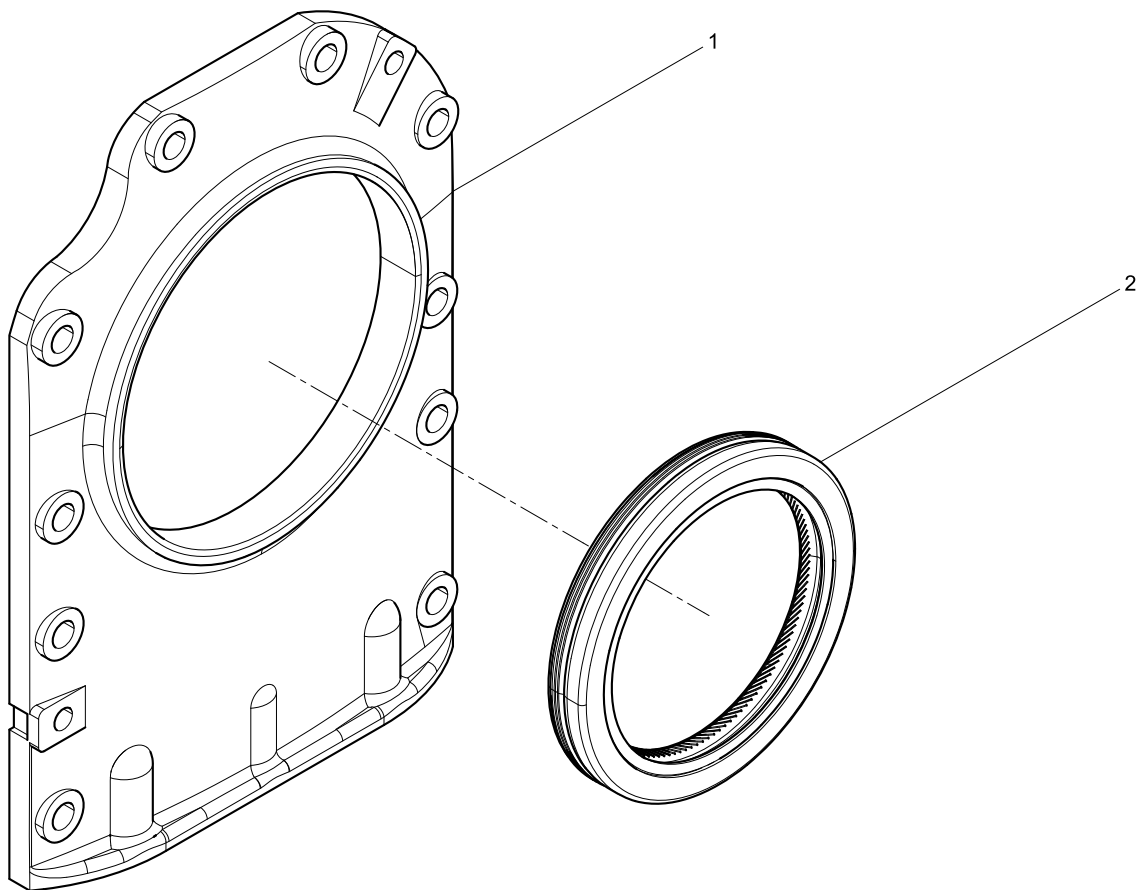
Rear Oil Seal Group



Rear Oil Seal Group

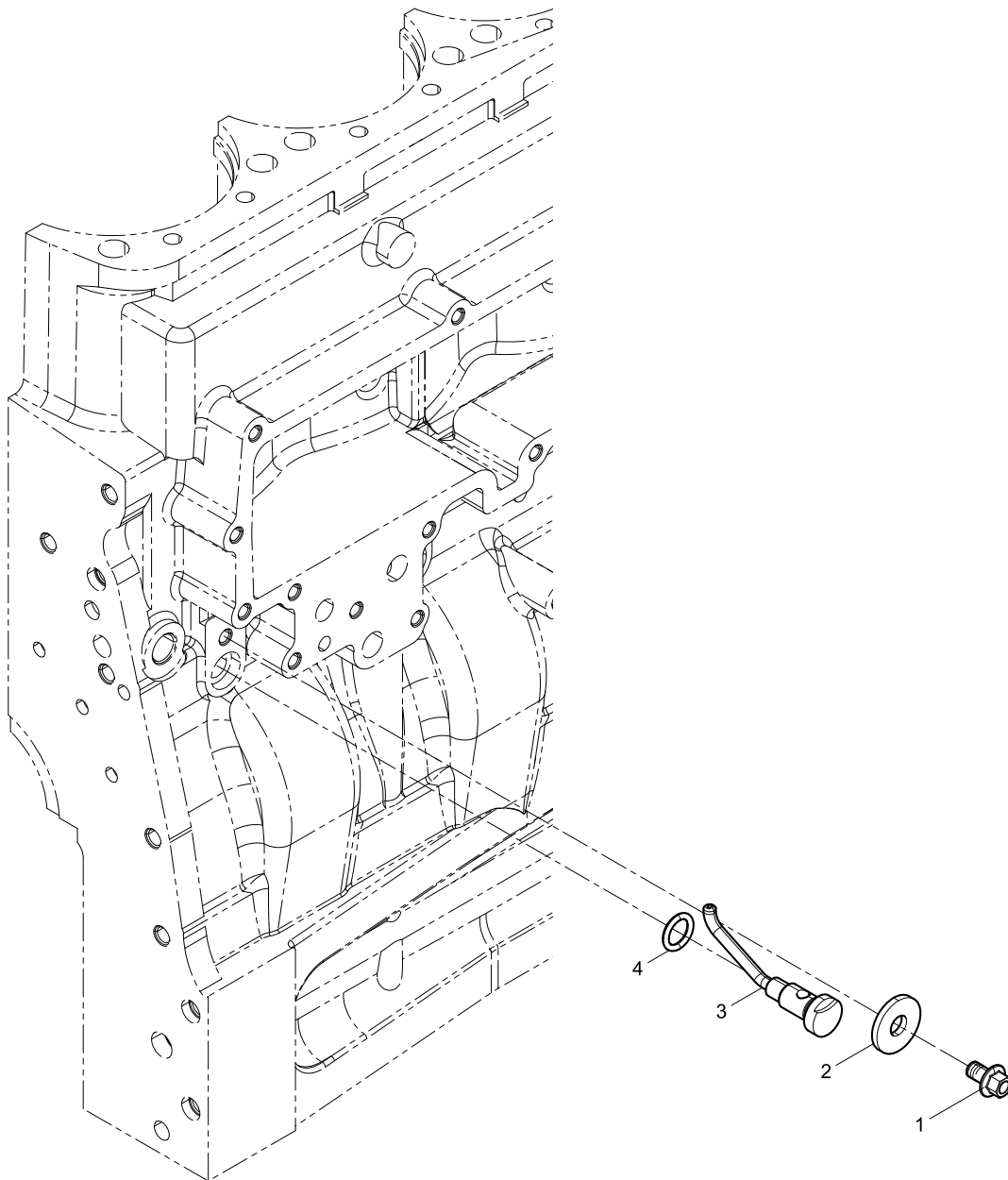
[illegible]

Oil Seal Set



[illegible]

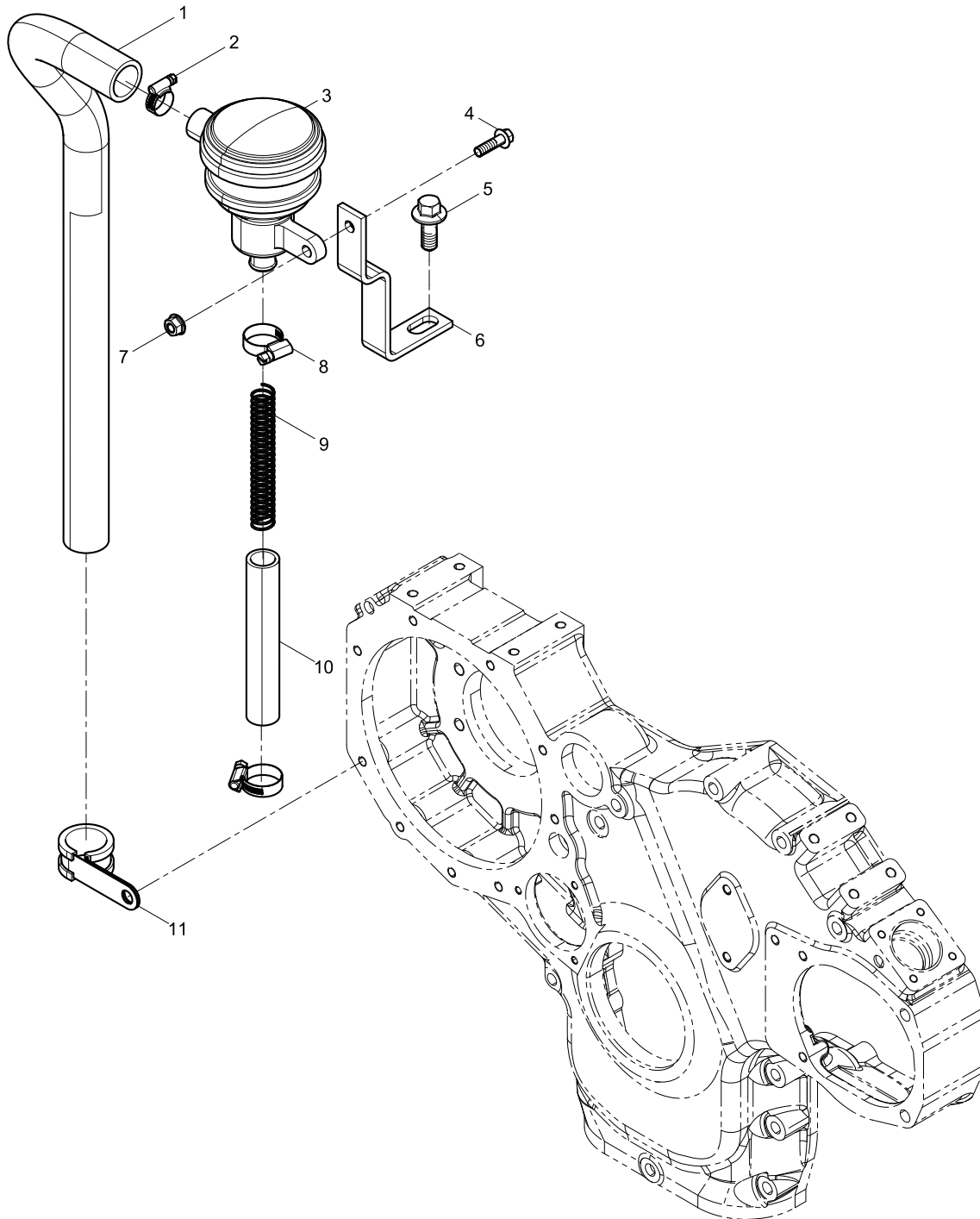
Spray Nozzle Group



Spray Nozzle Group

[illegible]

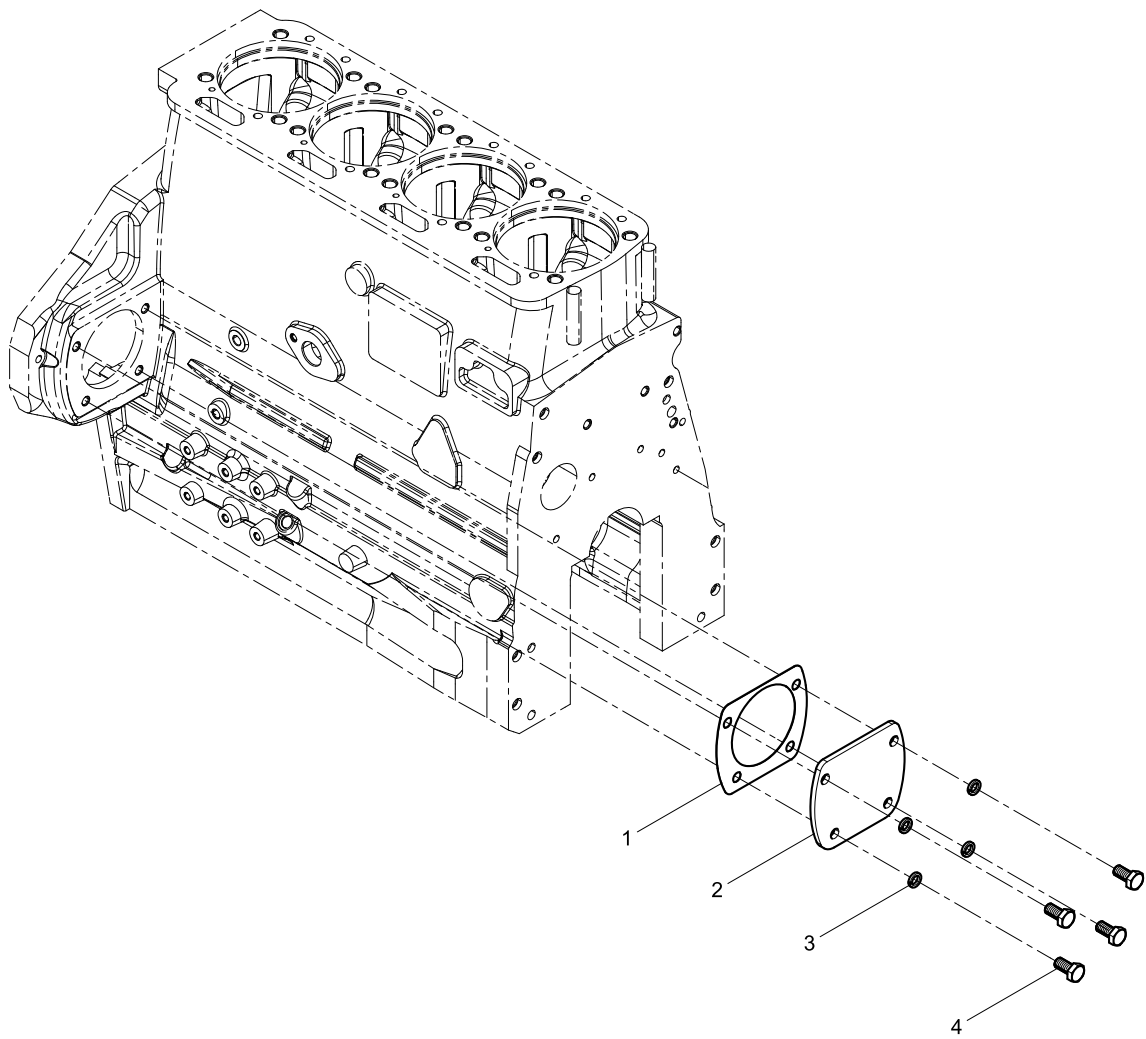
Oil-gas Separator Group



Oil-gas Separator Group

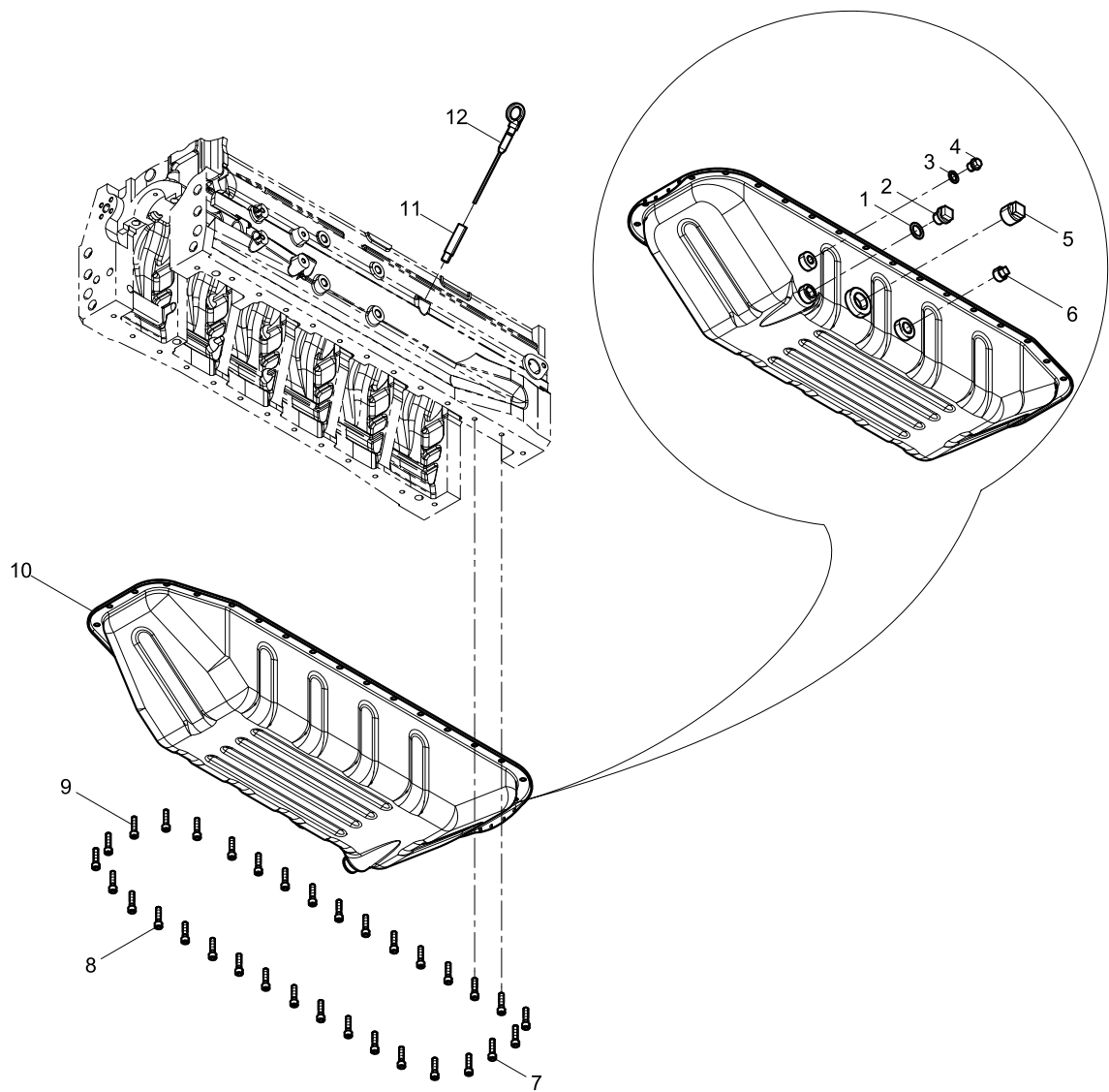
[illegible]

Air Compressor Group

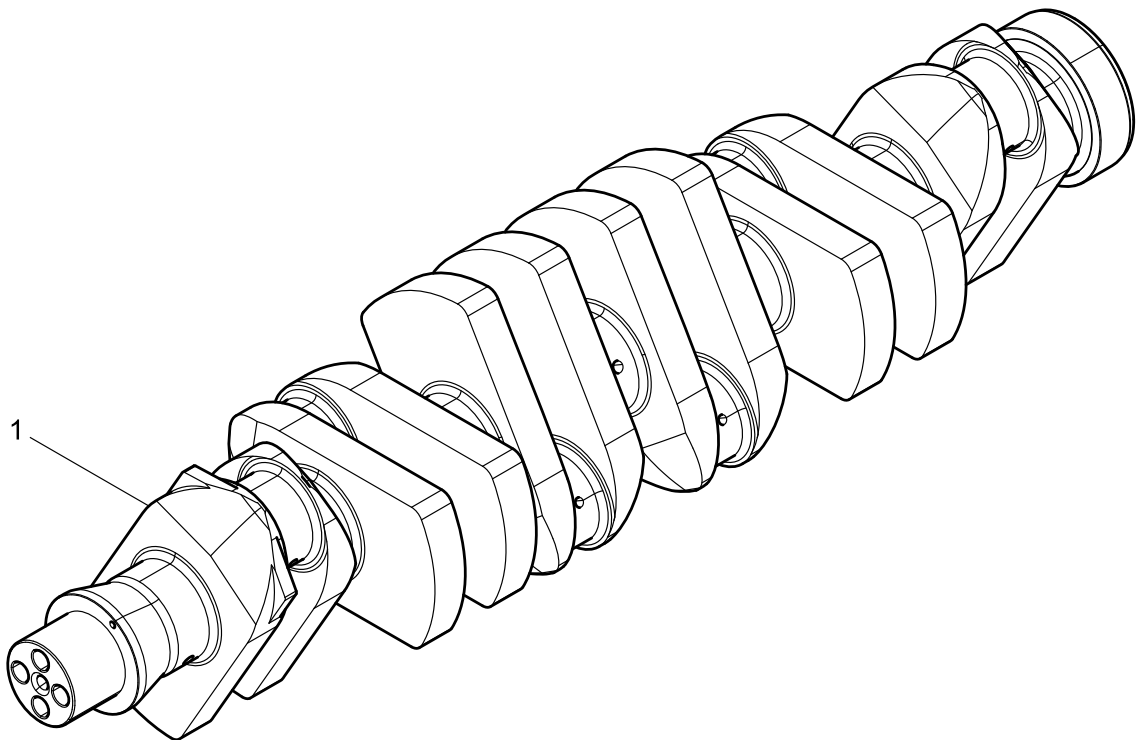


[illegible]

Oil Pan Group

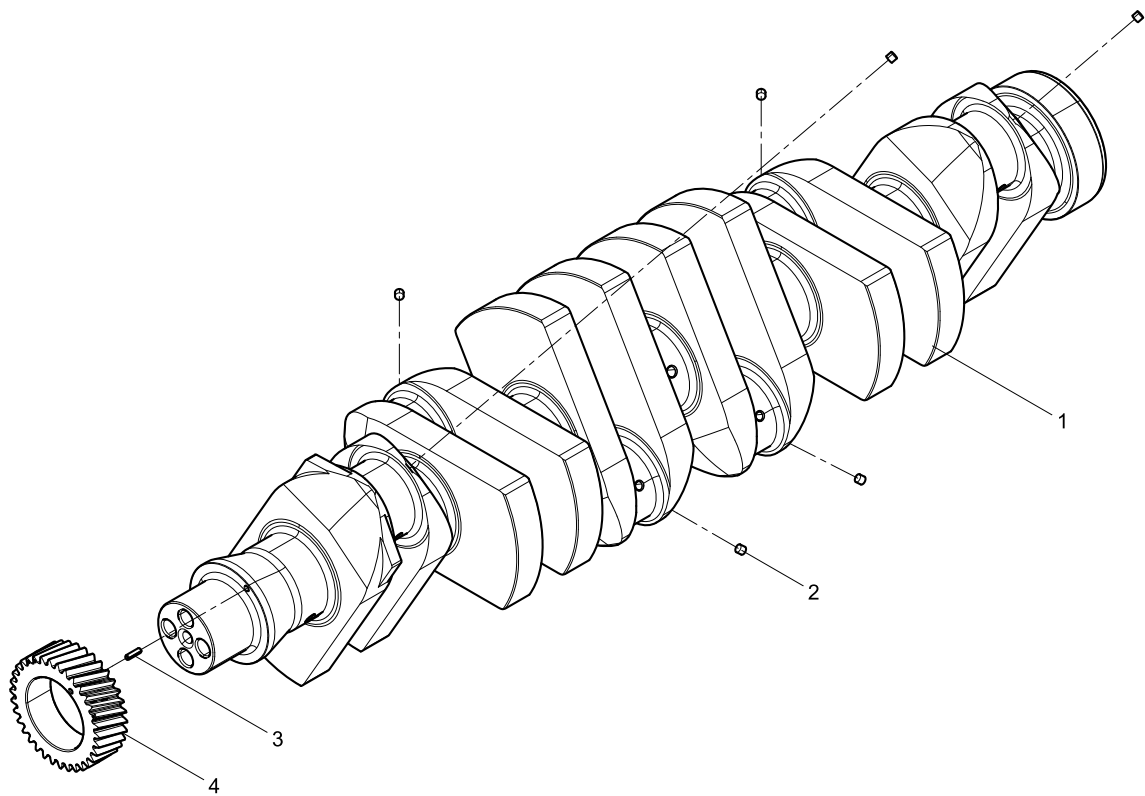


Crankshaft Group



[illegible]

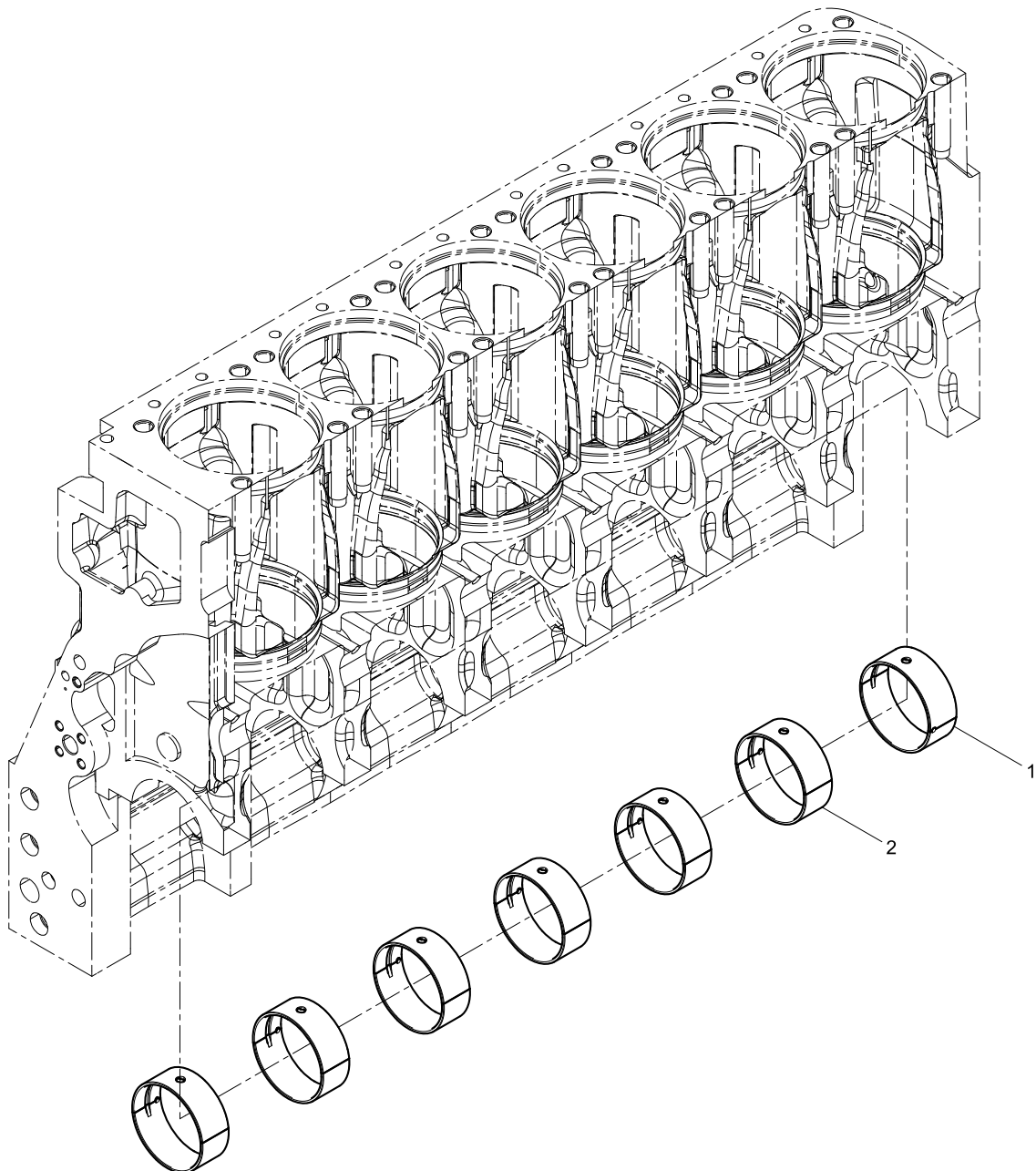
Crankshaft Assembly



Crankshaft Assembly

[illegible]

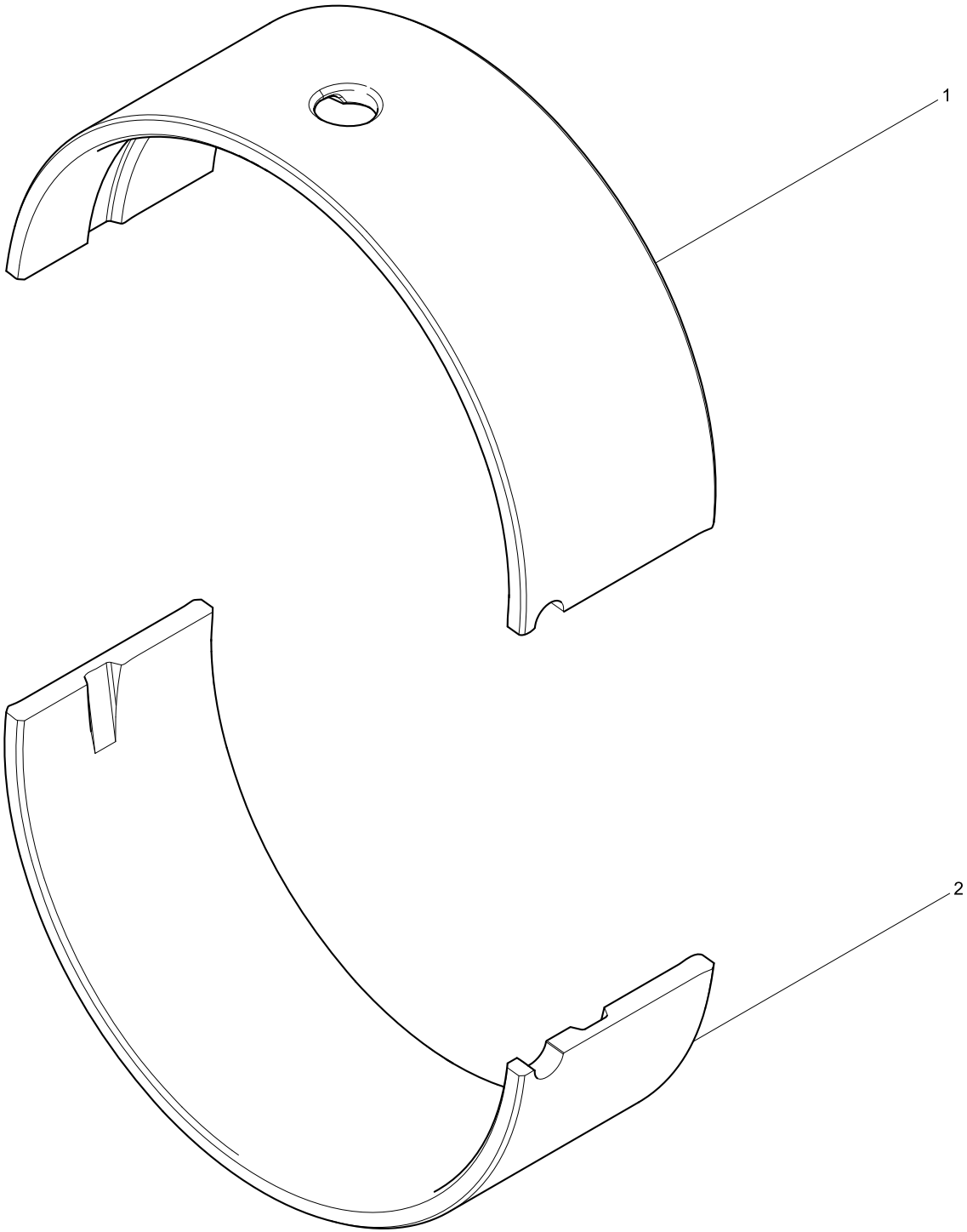
Main Bearing Group



Main Bearing Group

[illegible]

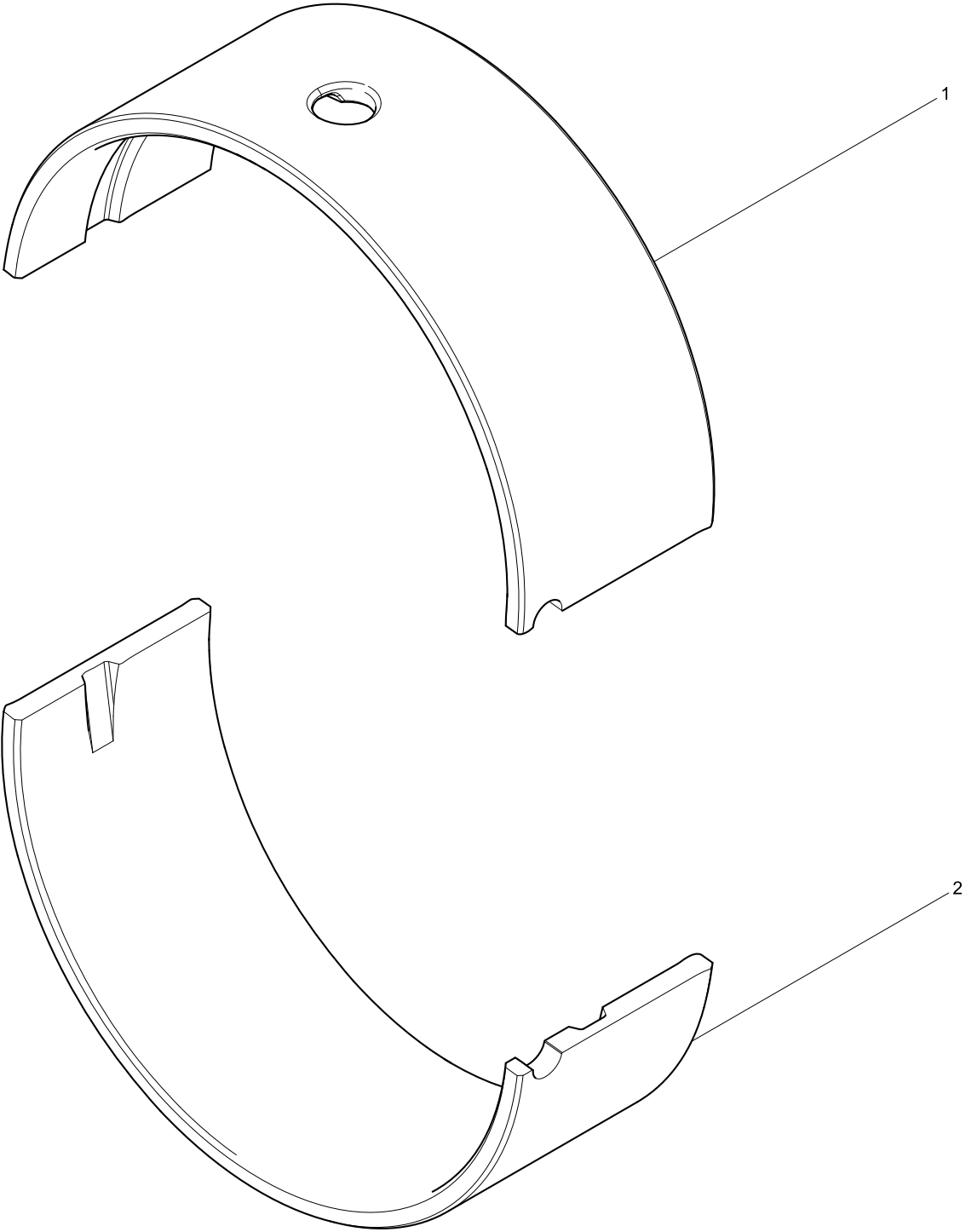
Thrust Bearing Set



Thrust Bearing Set

[illegible]

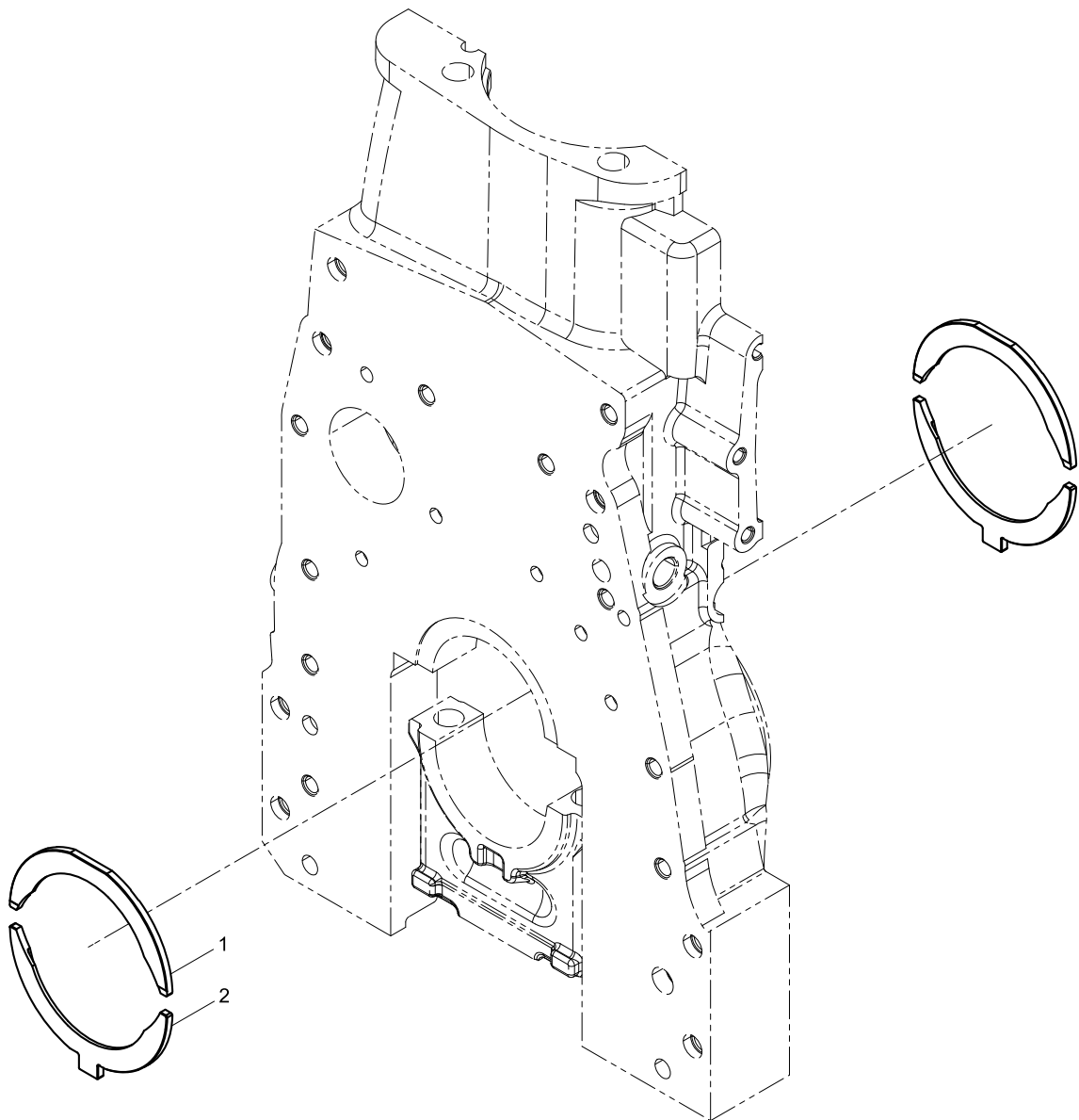
Main Bearing Set



Main Bearing Set

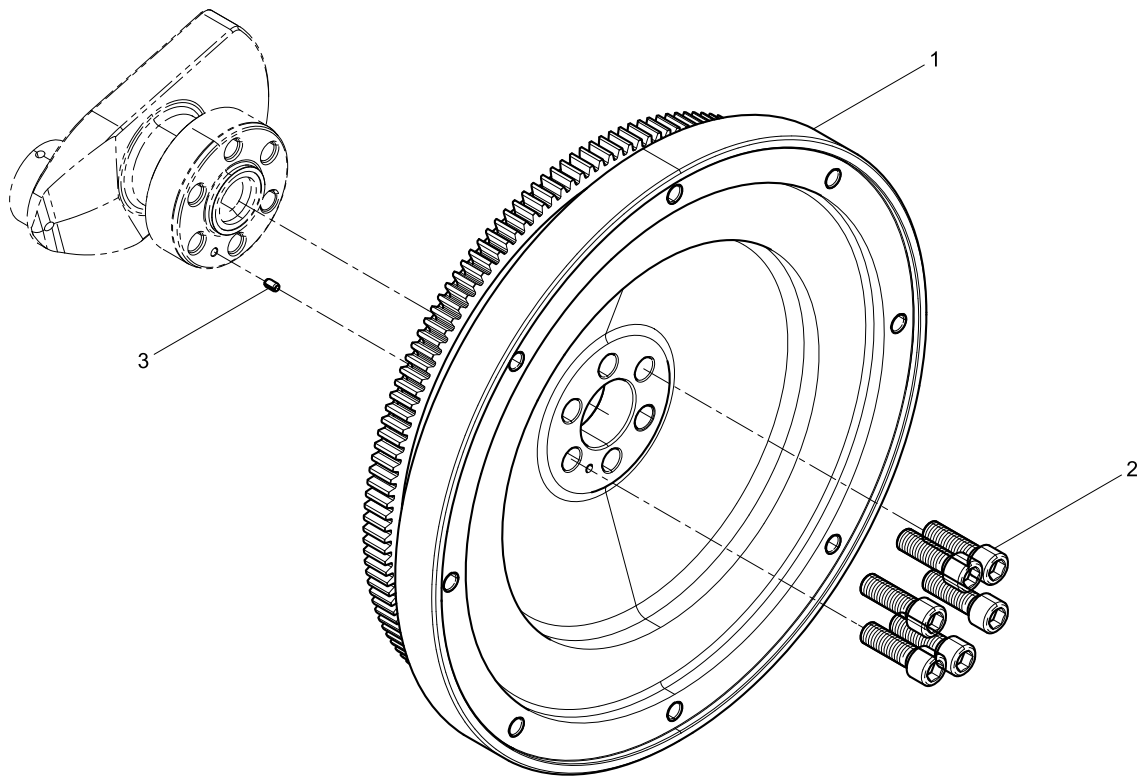
[illegible]

Thrust Plate Set



[illegible]

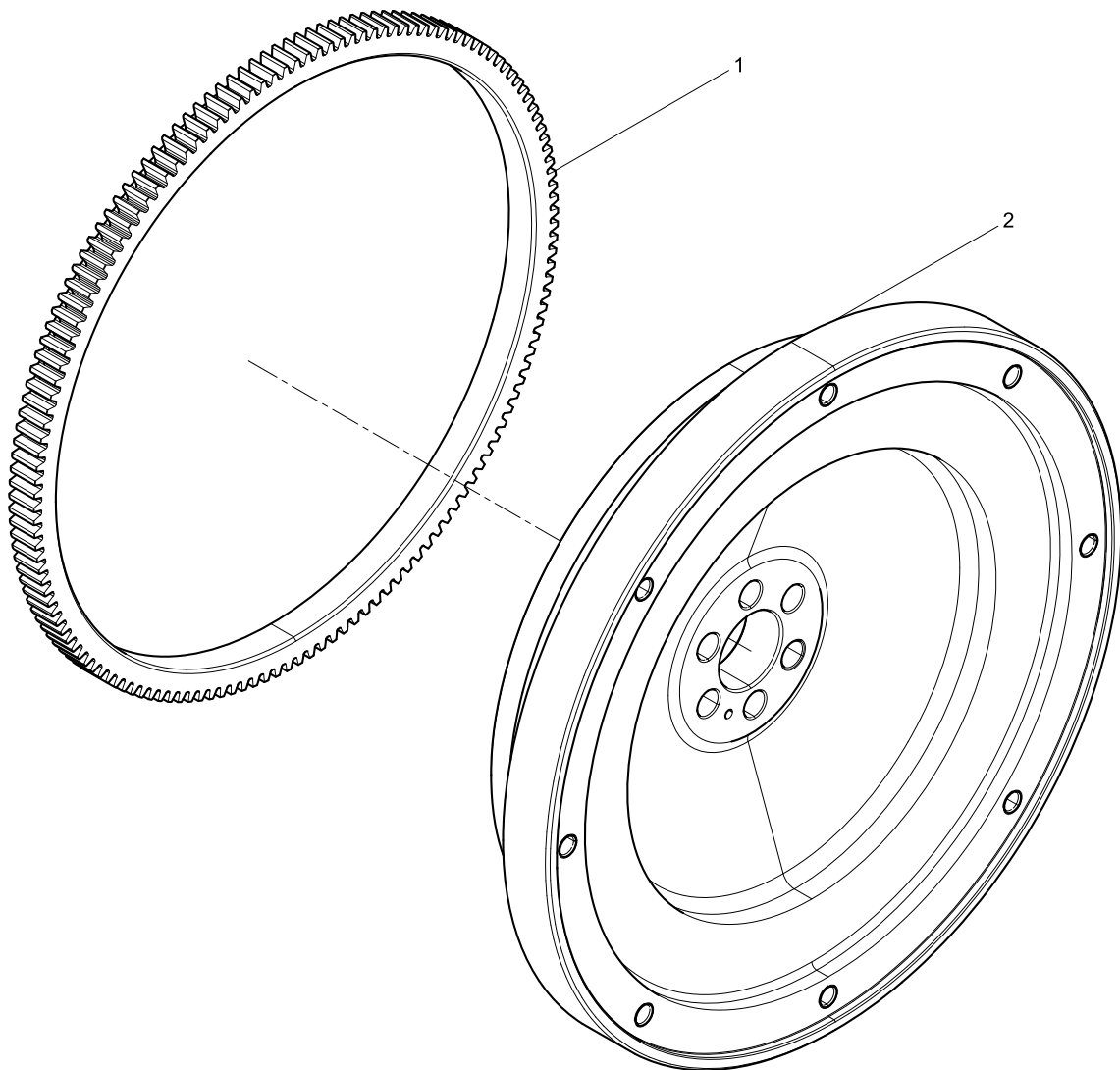
Flywheel Group



Flywheel Group

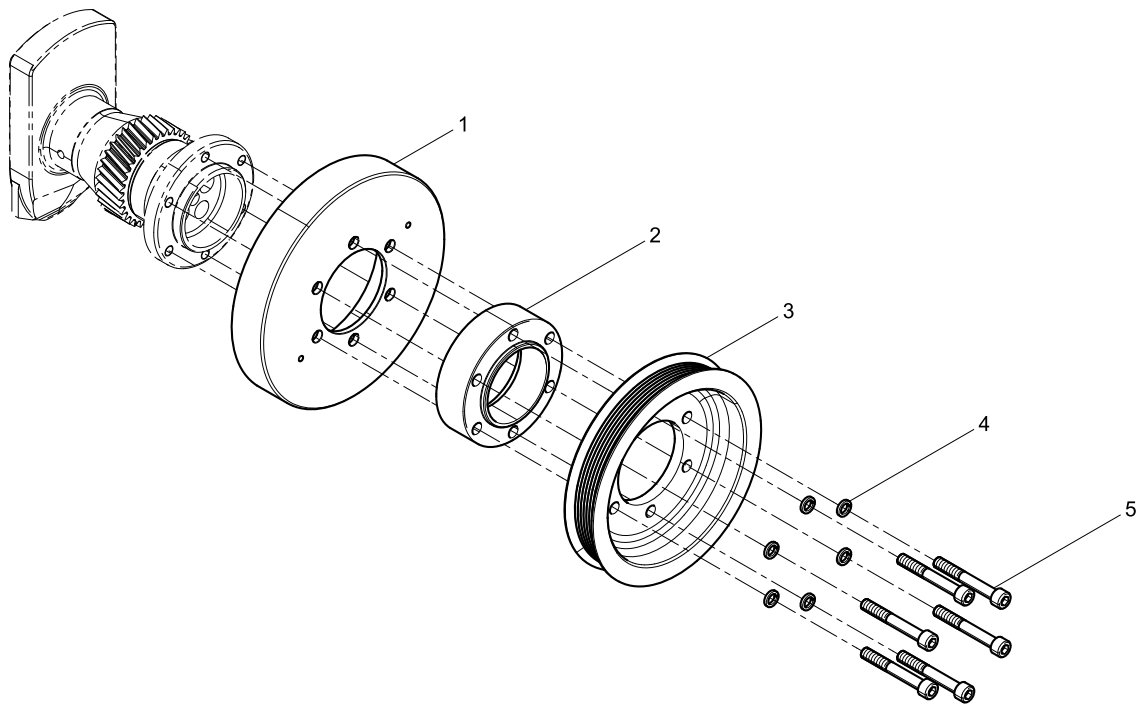
[illegible]

Flywheel Assembly



[illegible]

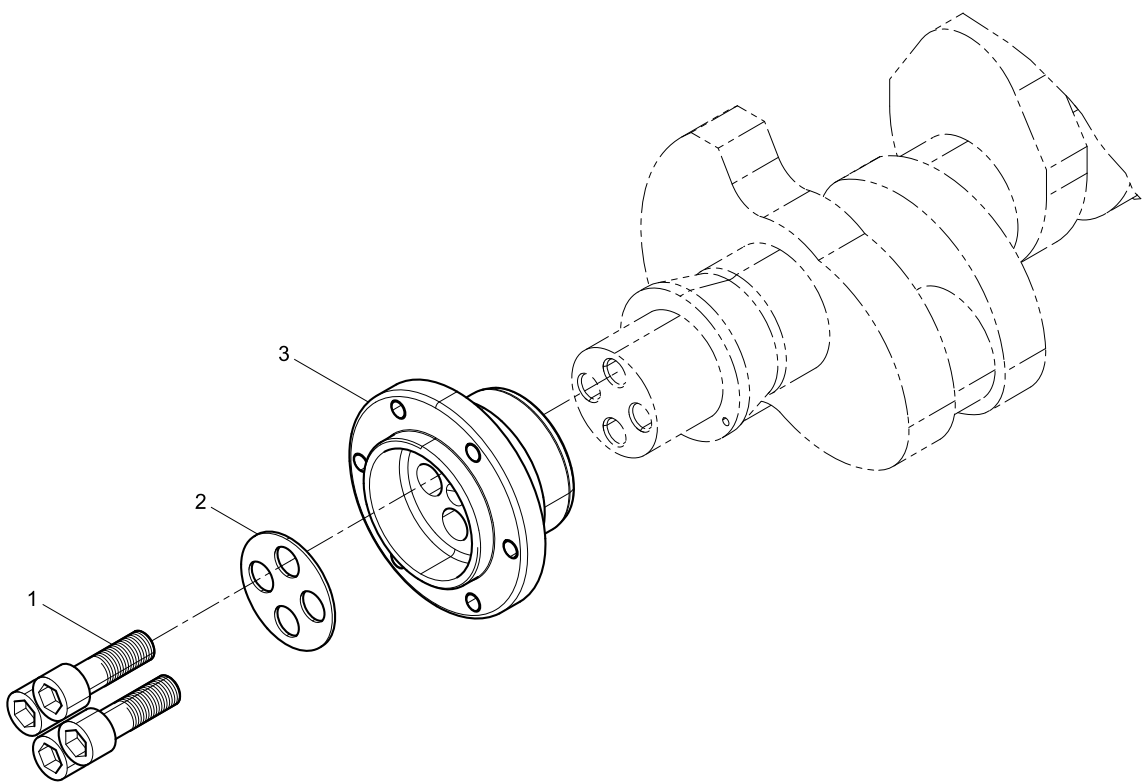
Crankshaft Pulley Assembly



Crankshaft Pulley Assembly

[illegible]

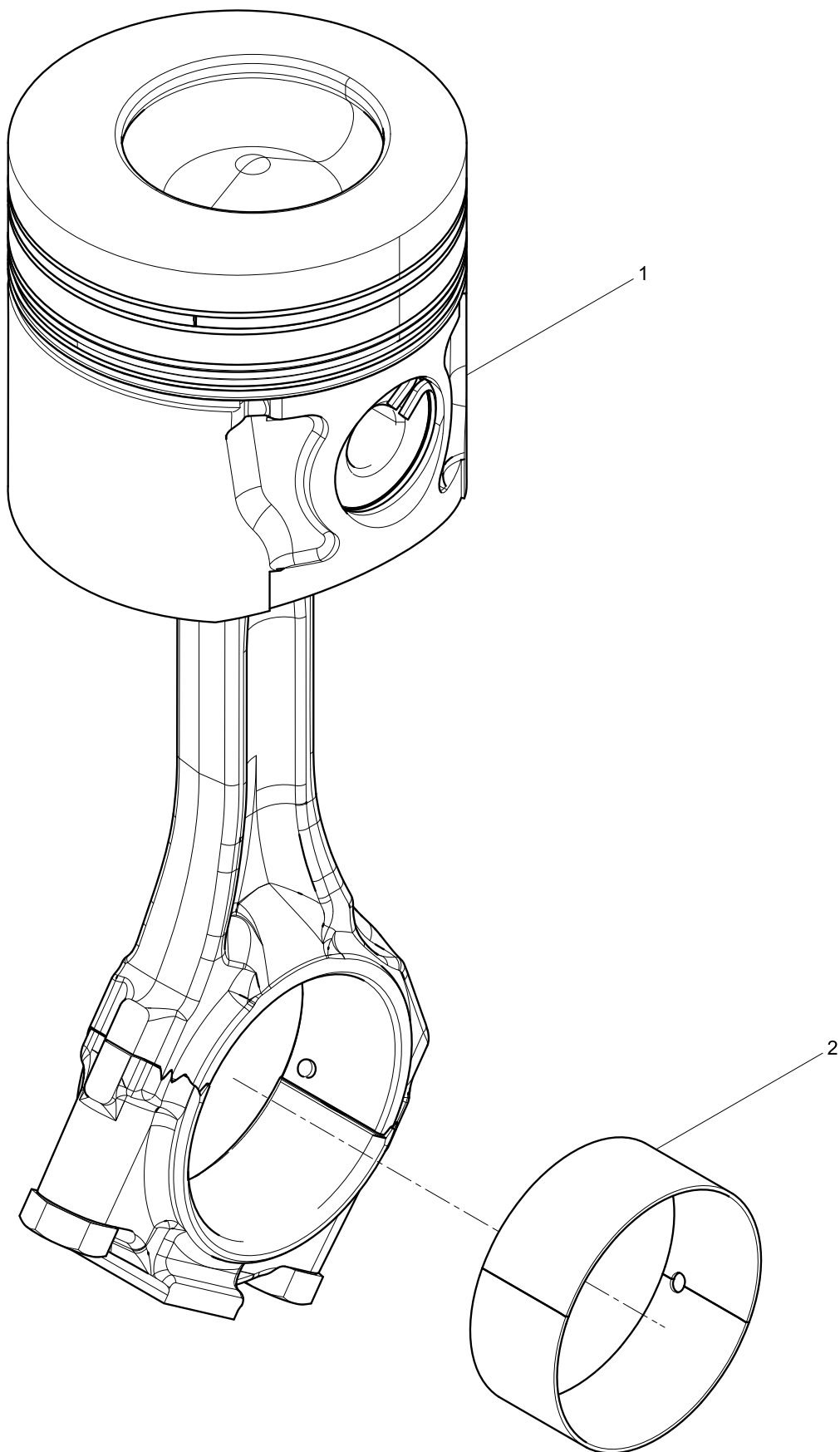
Hub Group



Hub Group

[illegible]

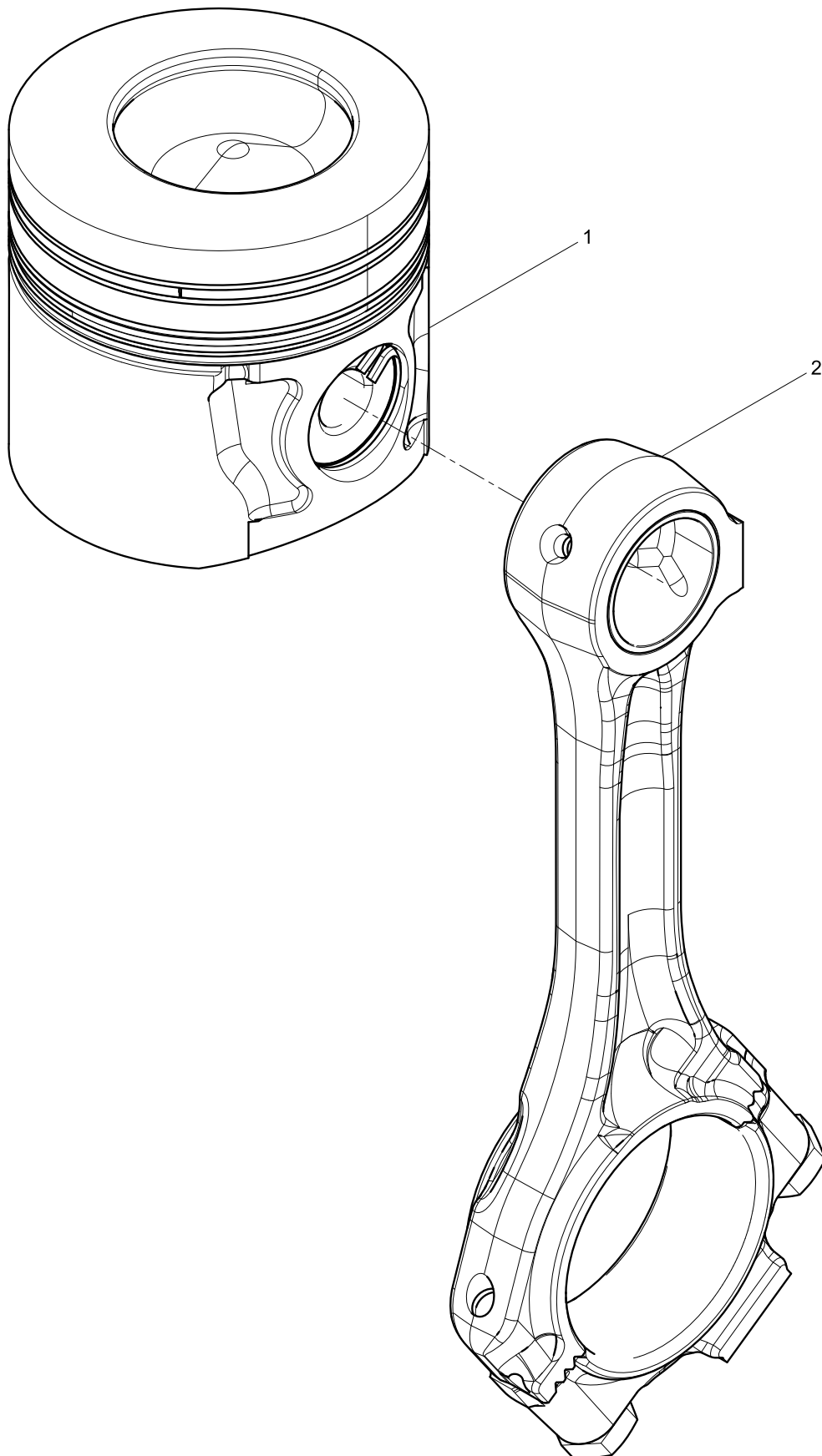
Piston and Connecting Rod Group



Piston and Connecting Rod Group

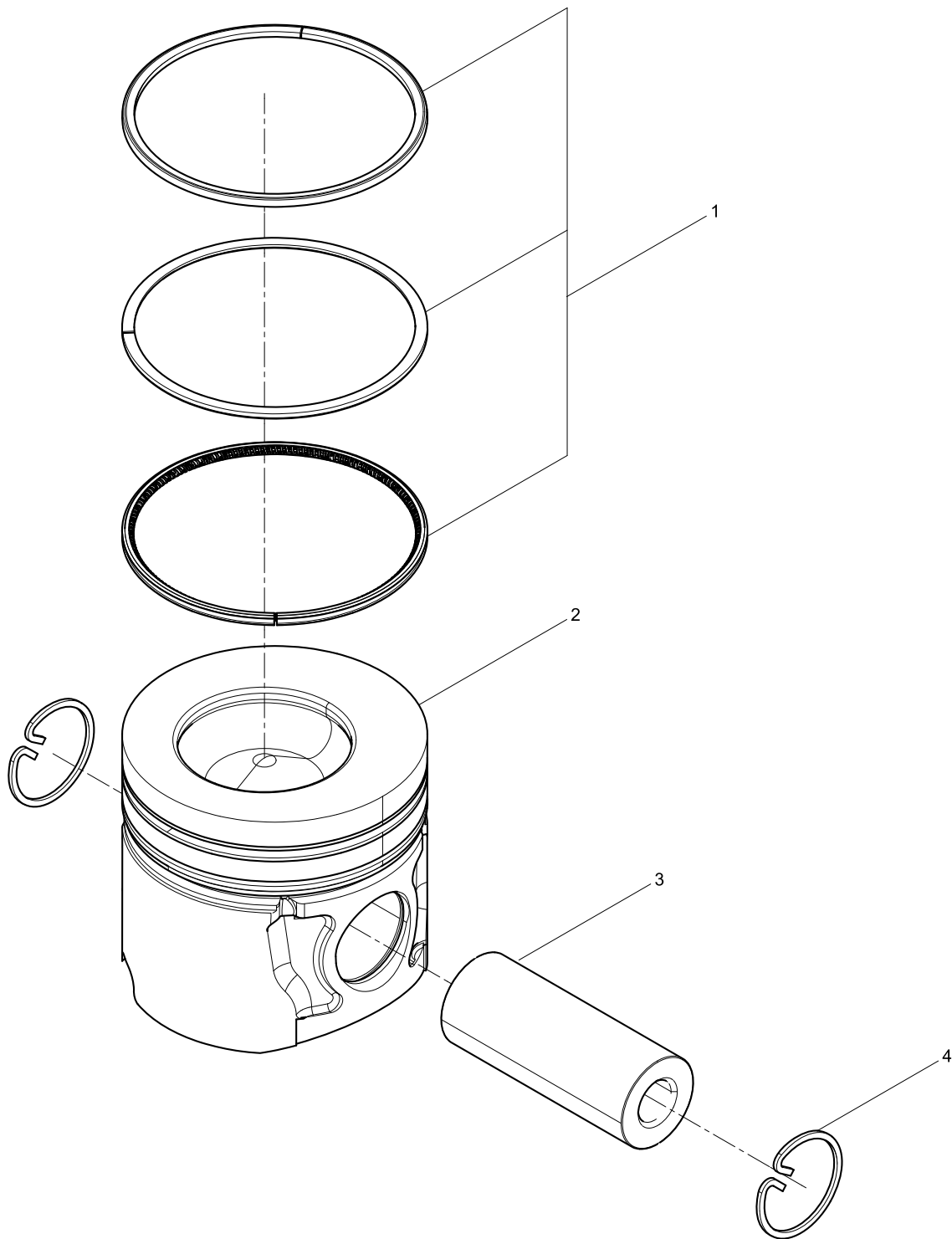
[illegible]

Piston and Connecting Rod Group



[illegible]

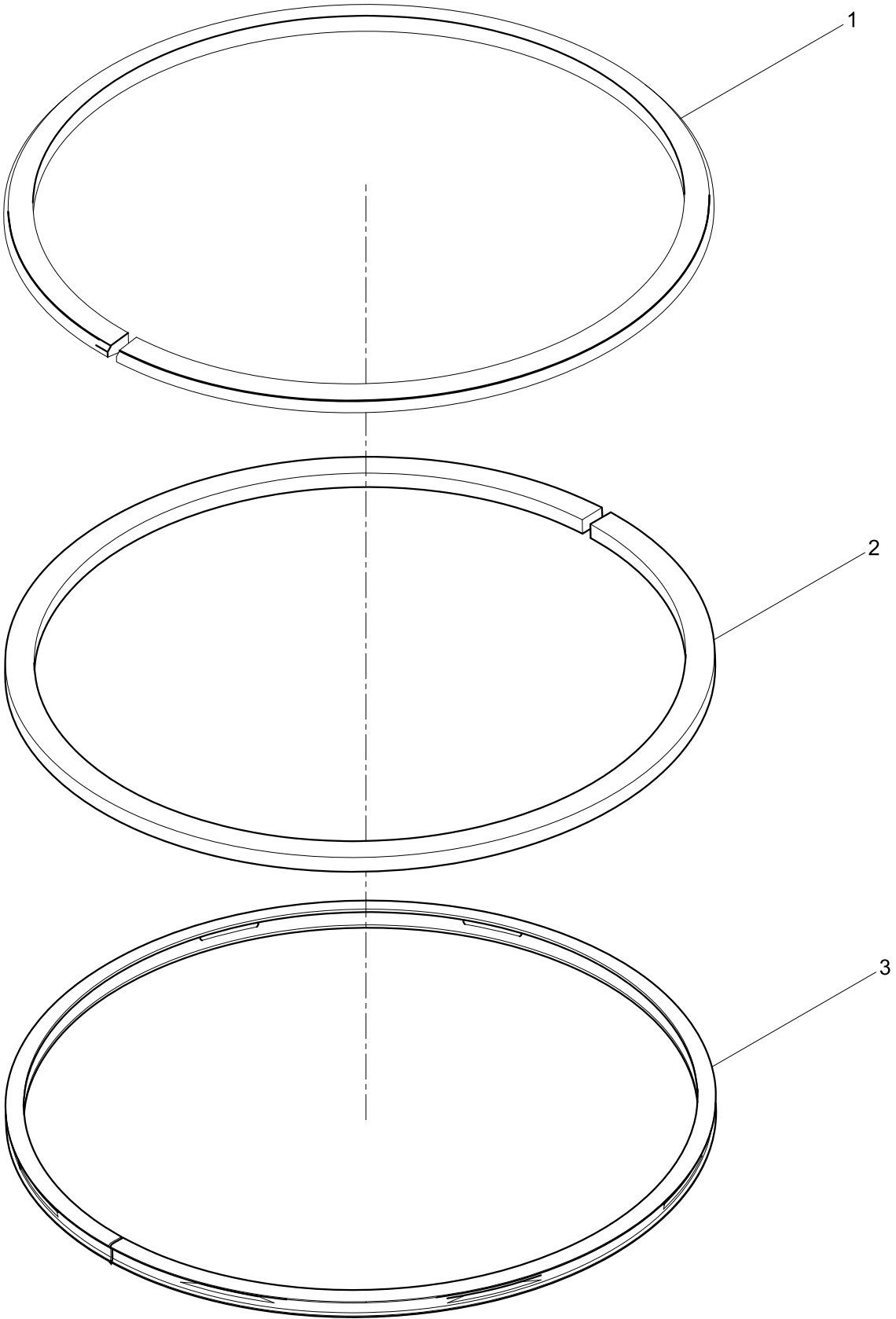
Piston Assembly



Piston Assembly

[illegible]

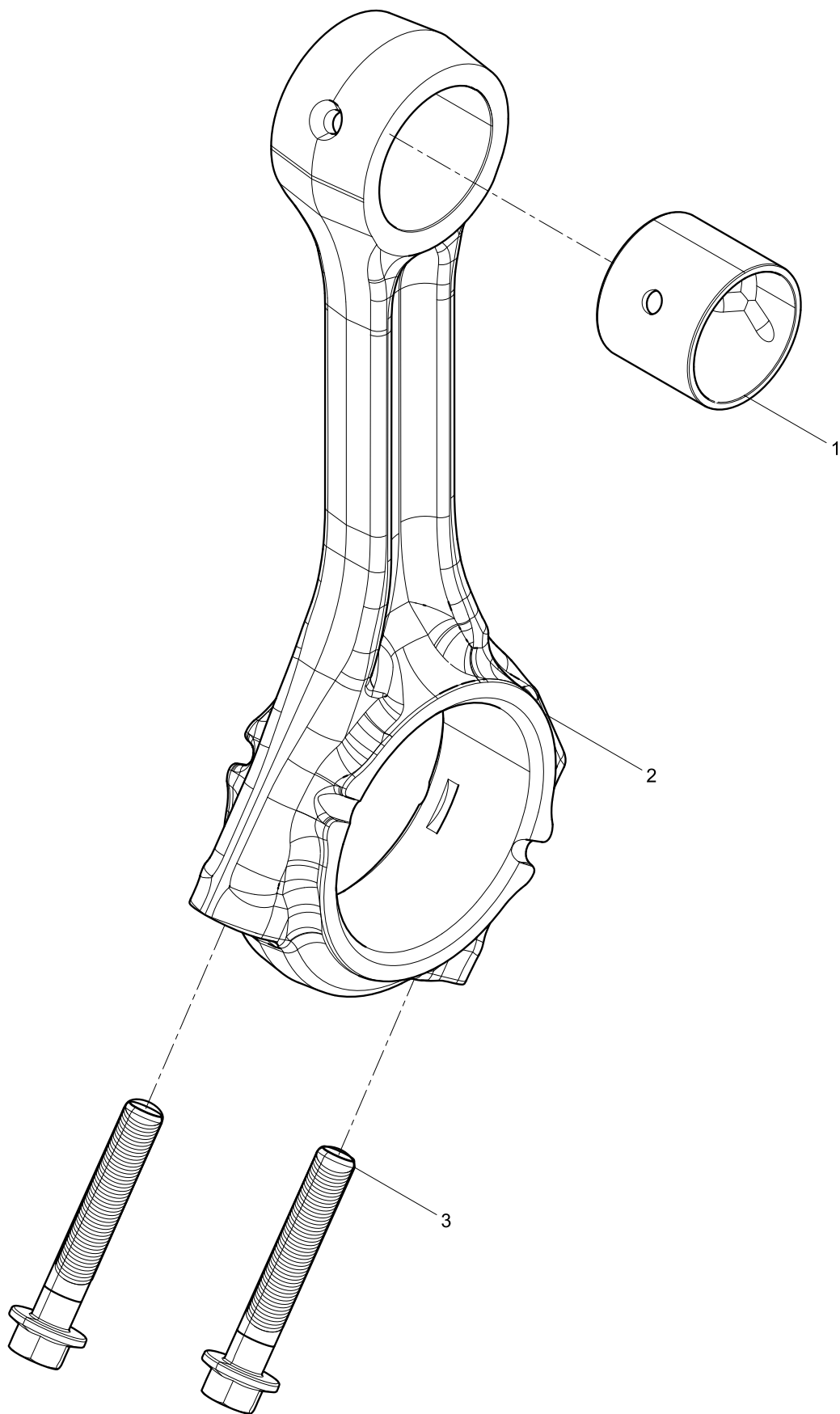
Piston Ring Set



Piston Ring Set

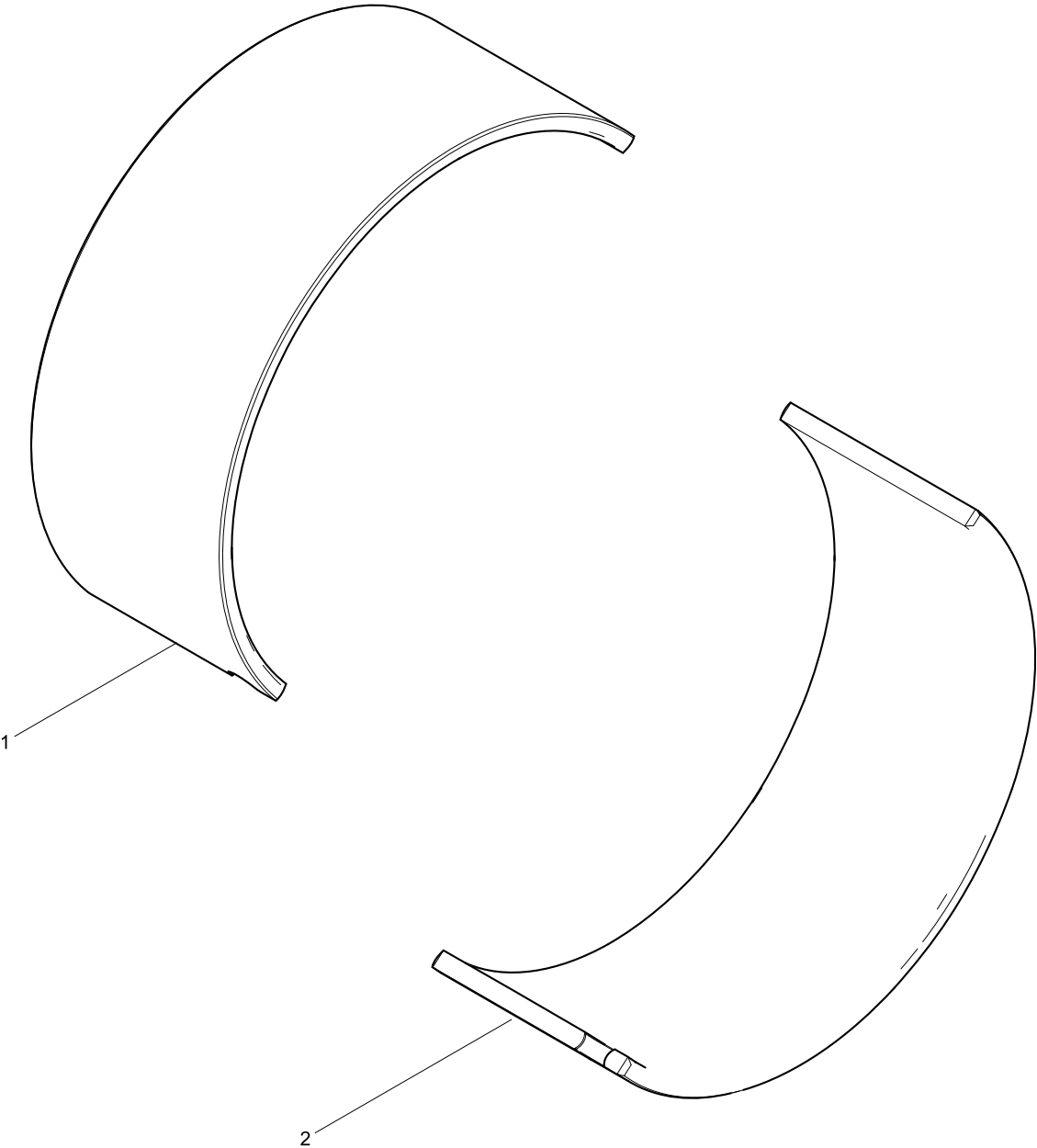
[illegible]

Connecting Rod Assembly



[illegible]

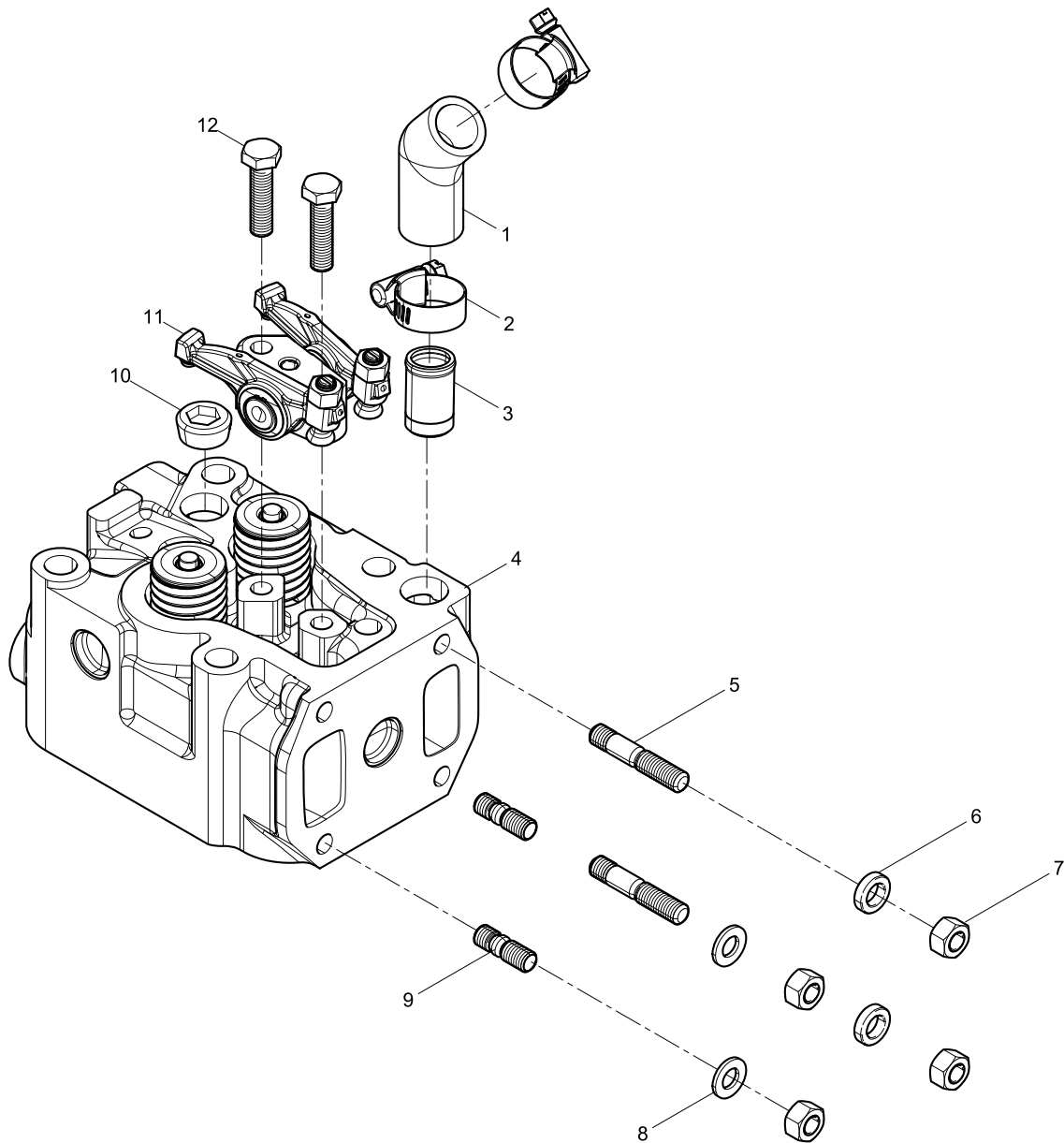
Connecting Rod Bearing Set



Connecting Rod Bearing Set

[illegible]

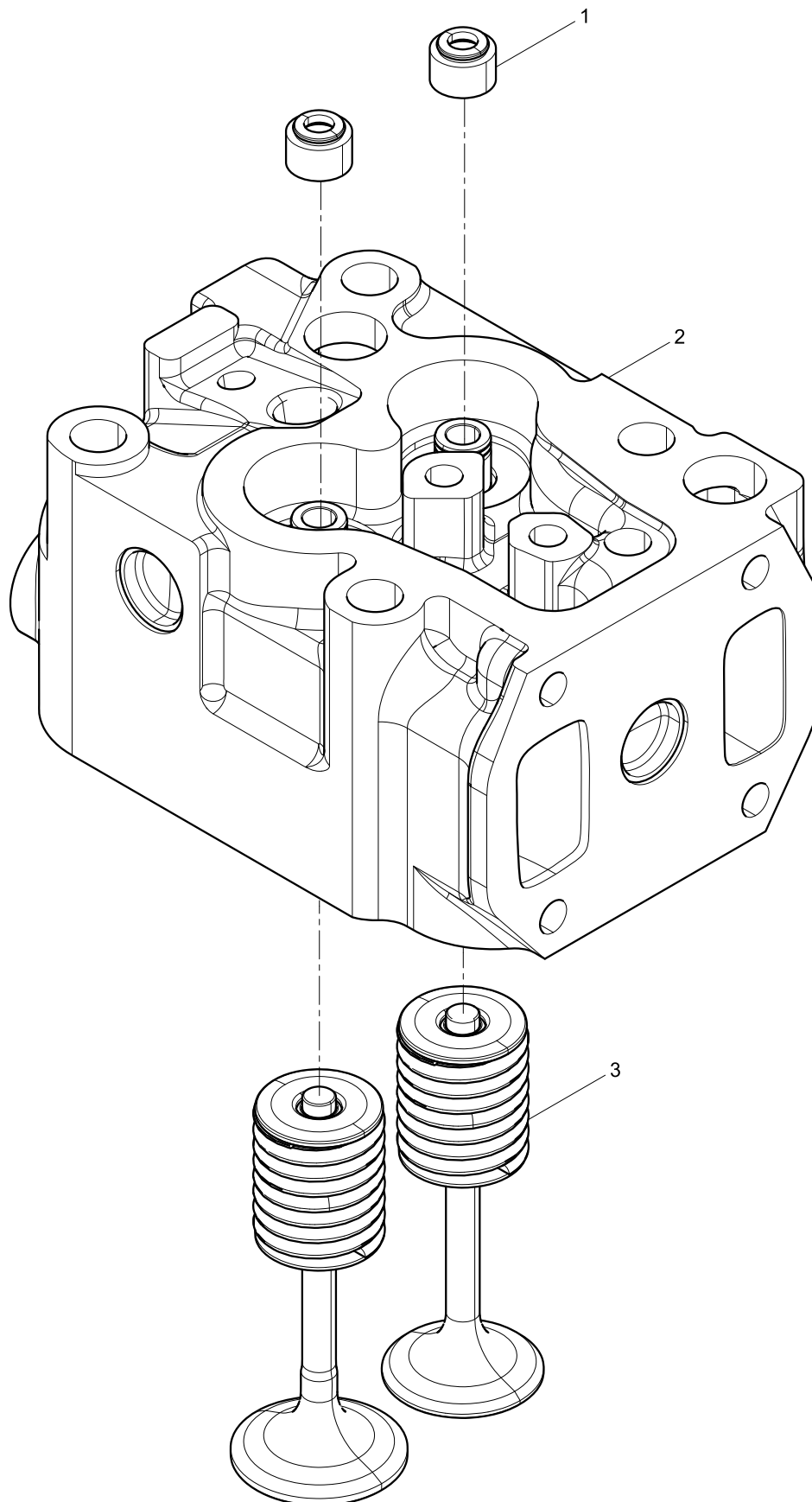
Cylinder Head Assembly



Cylinder Head Assembly

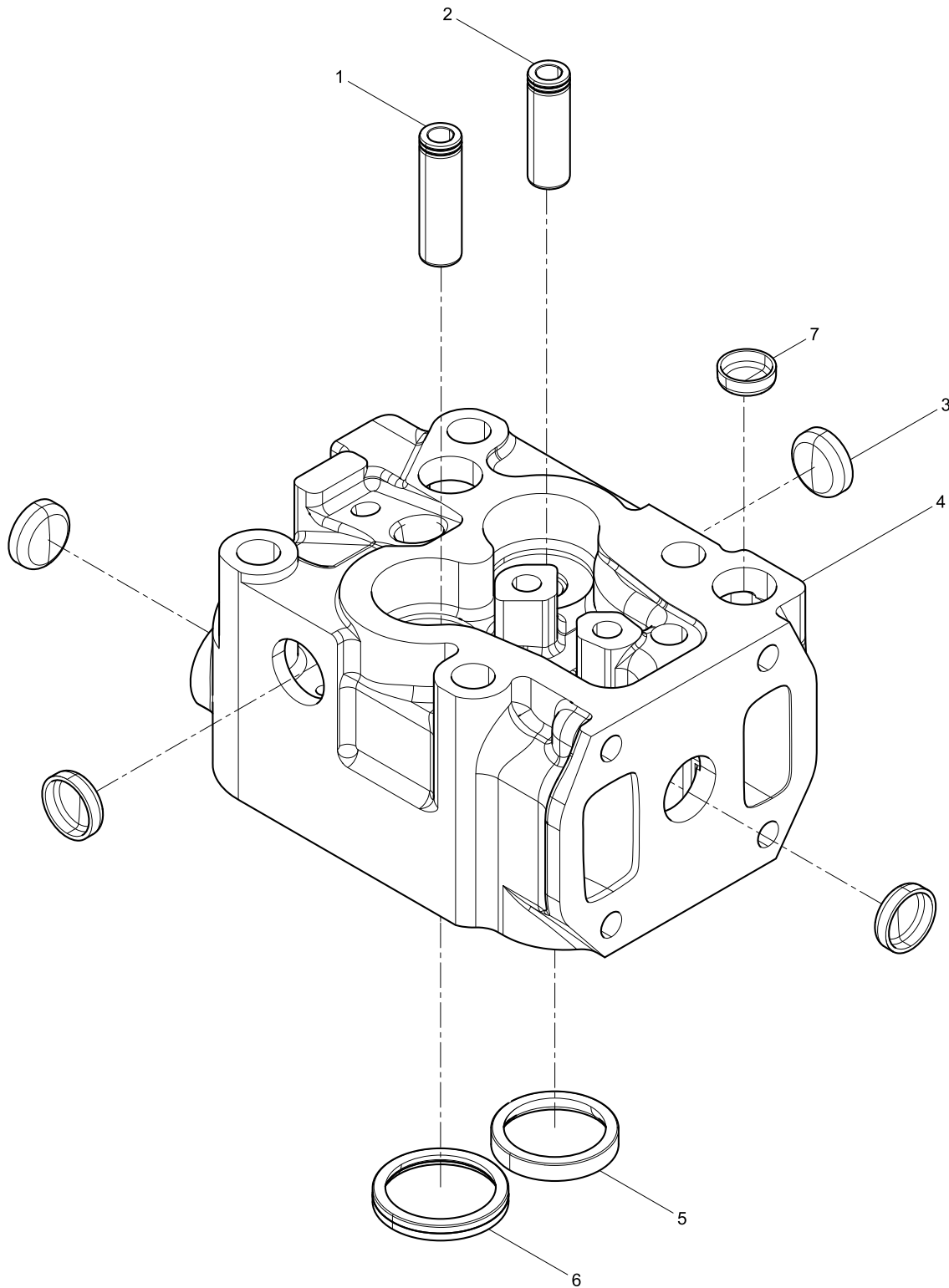
[illegible]

Cylinder Head Subassembly



[illegible]

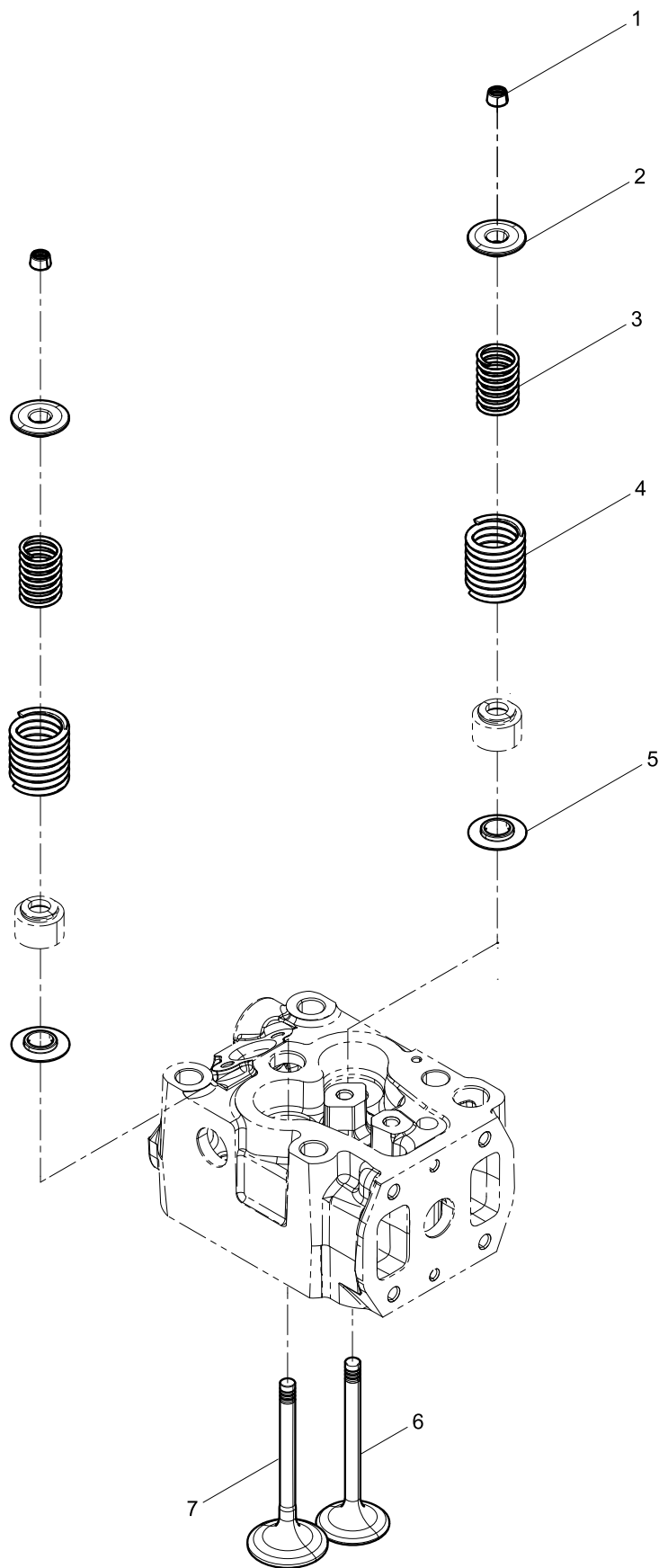
Cylinder Head Subassembly



Cylinder Head Subassembly

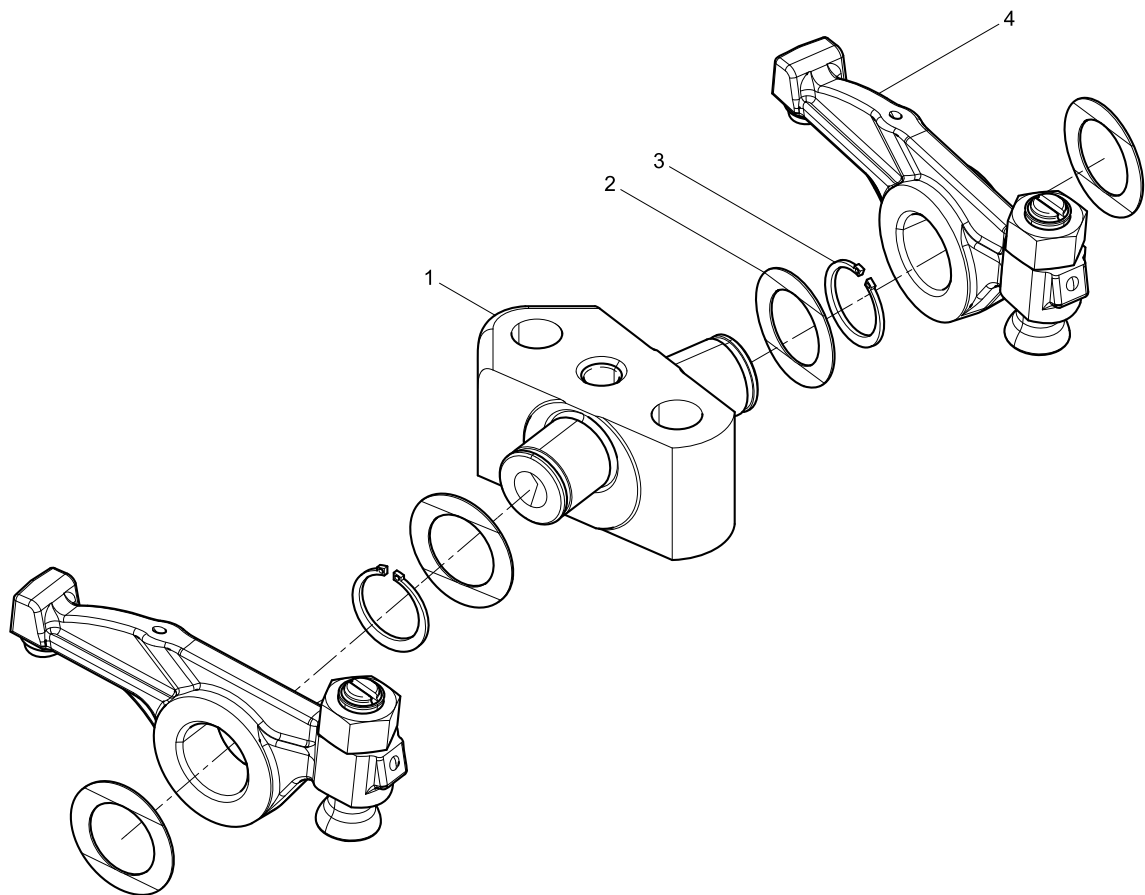
[illegible]

Intake and exhaust valve set



[illegible]

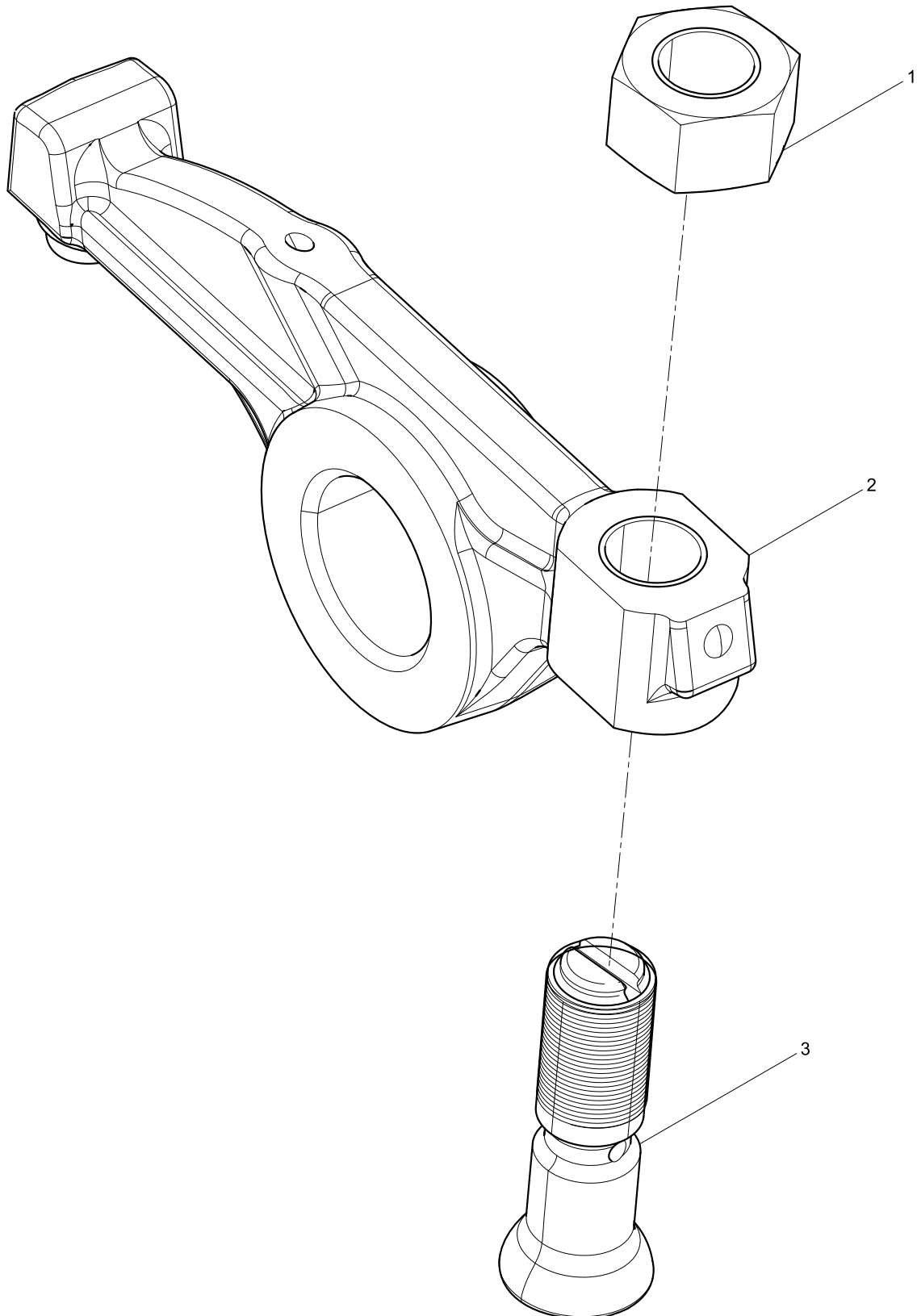
Rocker Arm Bracket Assembly



Rocker Arm Bracket Assembly

[illegible]

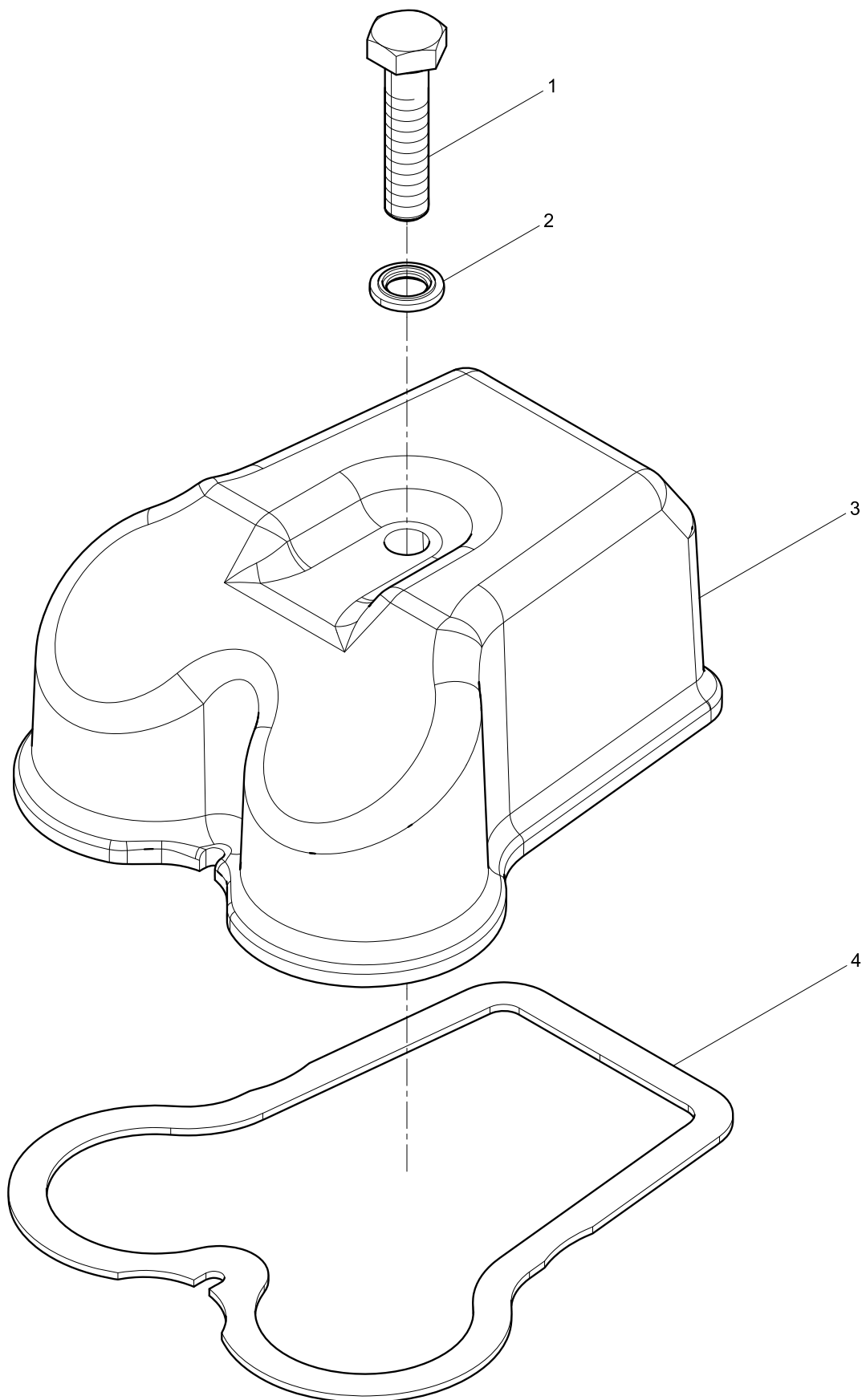
Rocker Arm Set



Rocker Arm Set

[illegible]

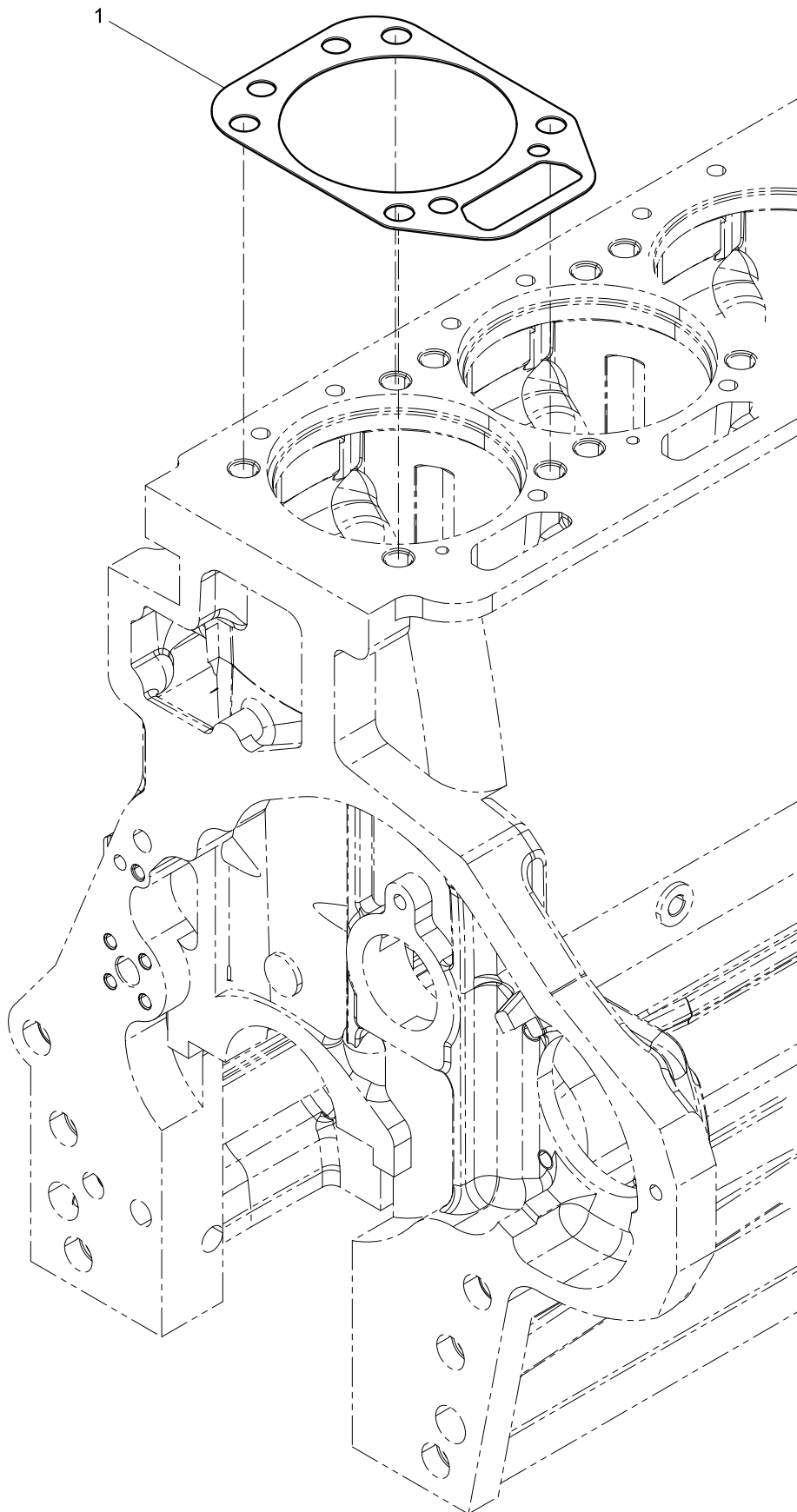
Cylinder Head Cover Group



Cylinder Head Cover Group

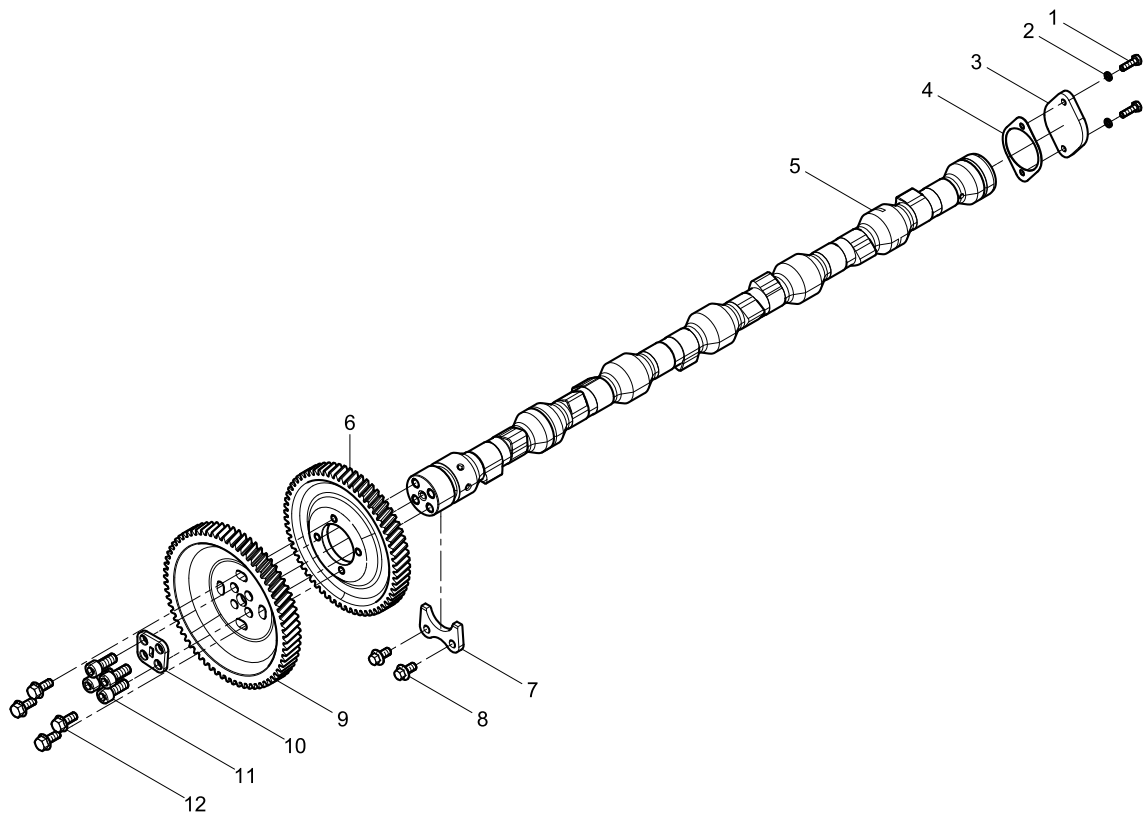
[illegible]

Cylinder Head Gasket



[illegible]

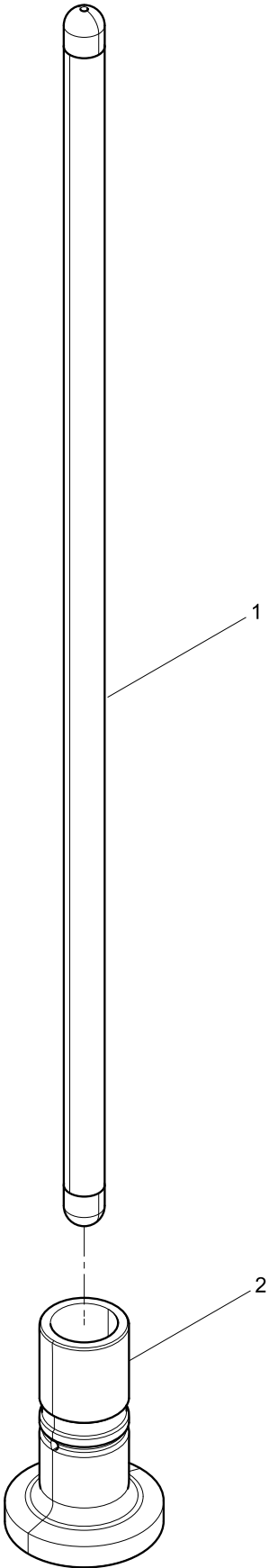
Gear Drive Group



Gear Drive Group

[illegible]

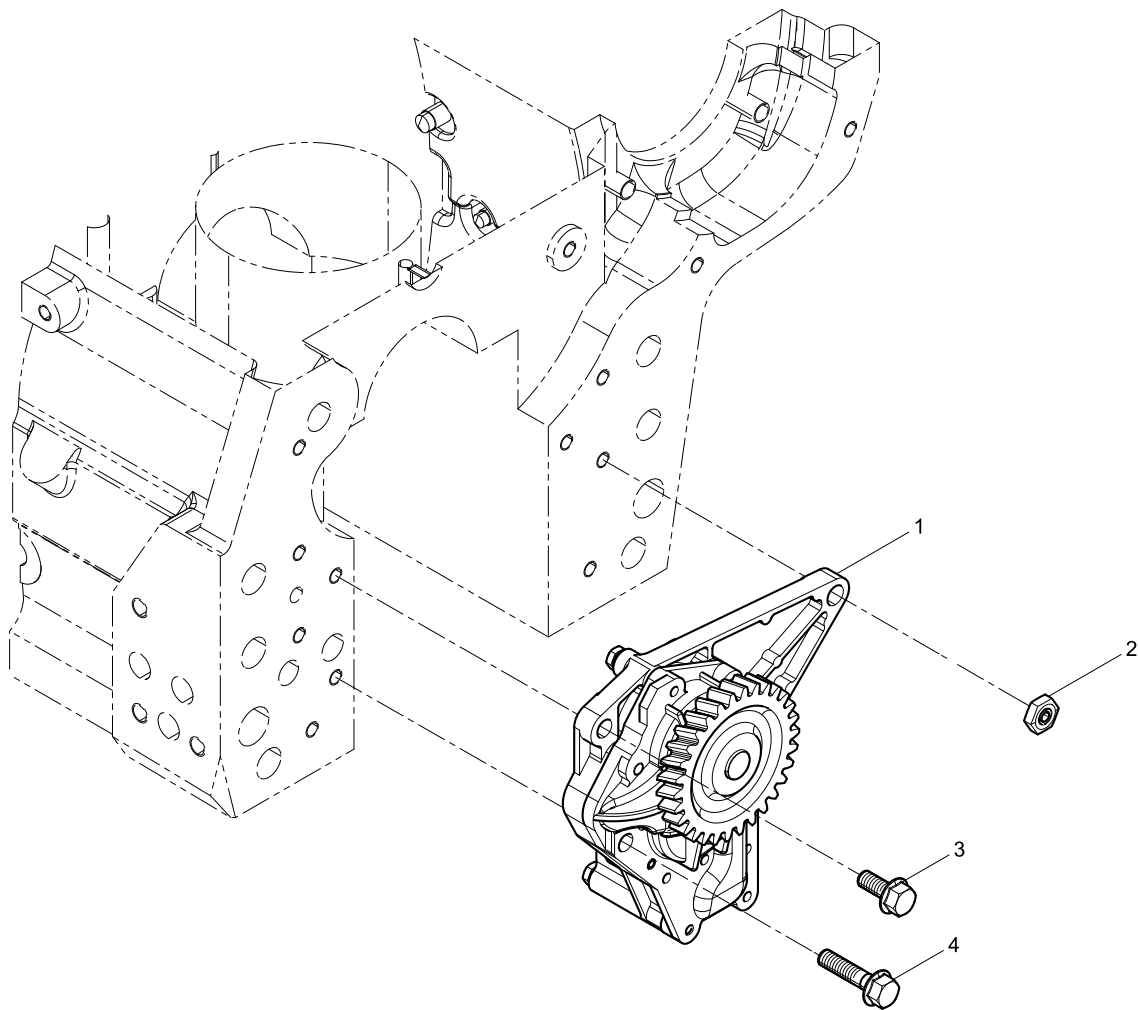
Valve Train Group



Valve Train Group

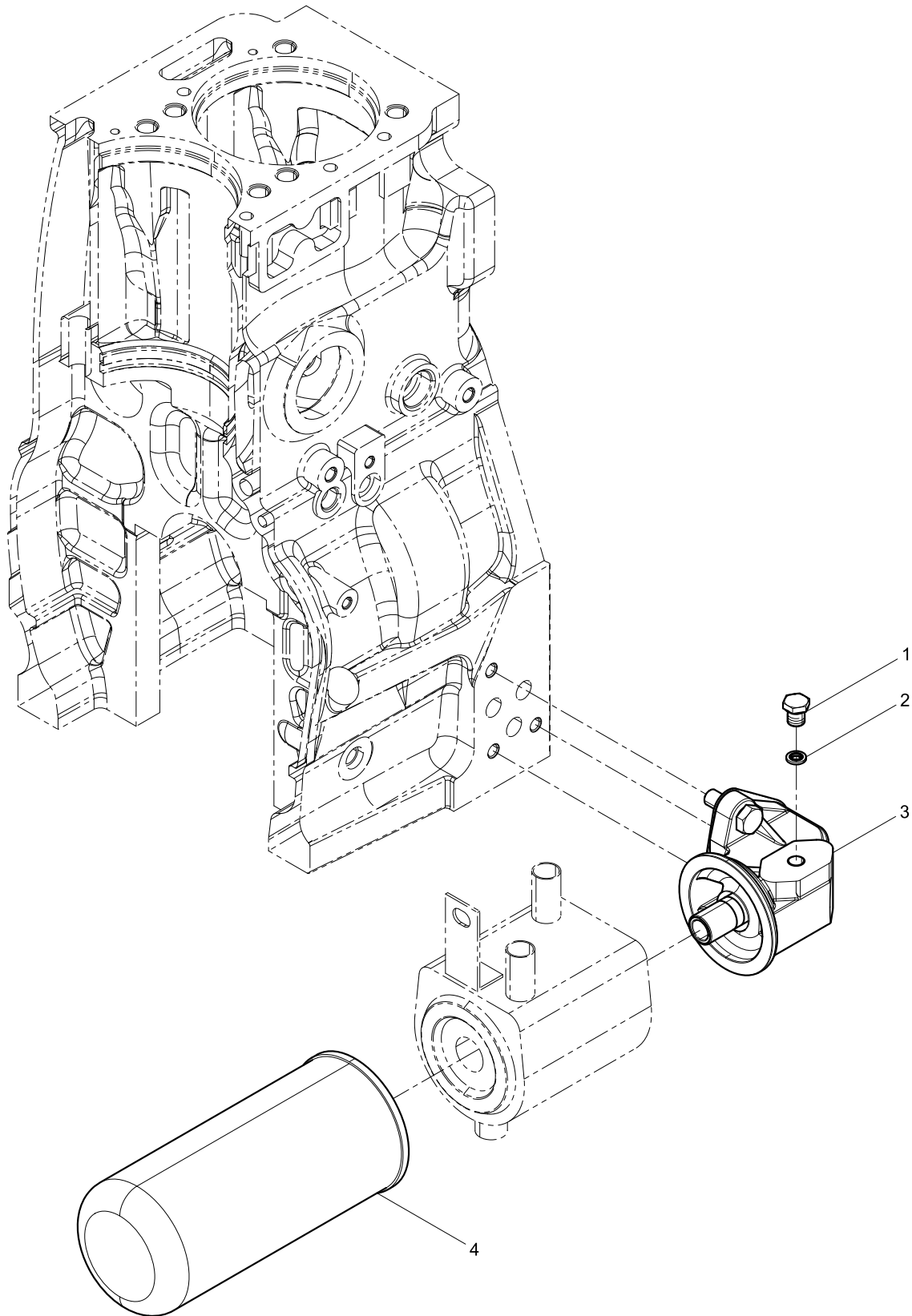
[illegible]

Oil Pump Group



[illegible]

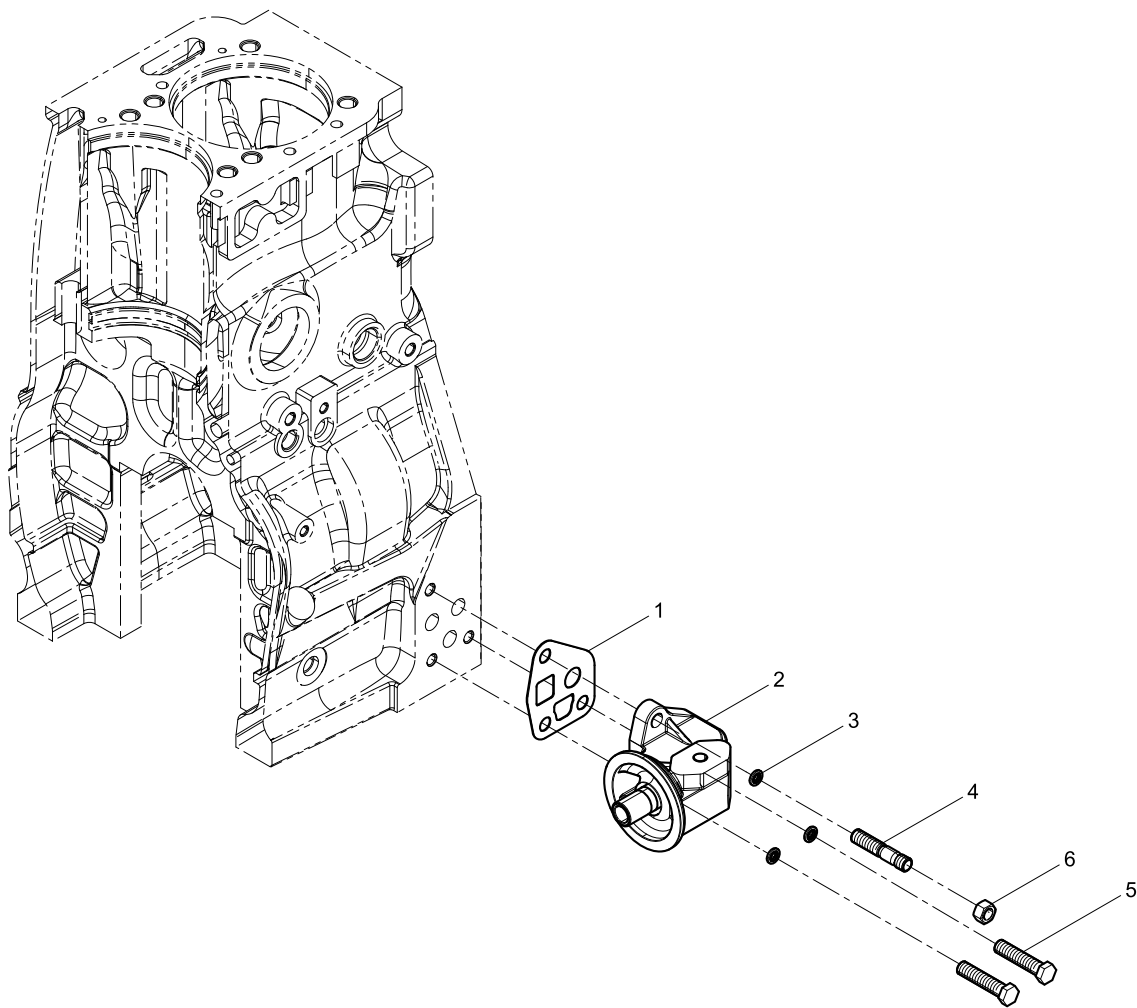
Oil Filter Group



Oil Filter Group

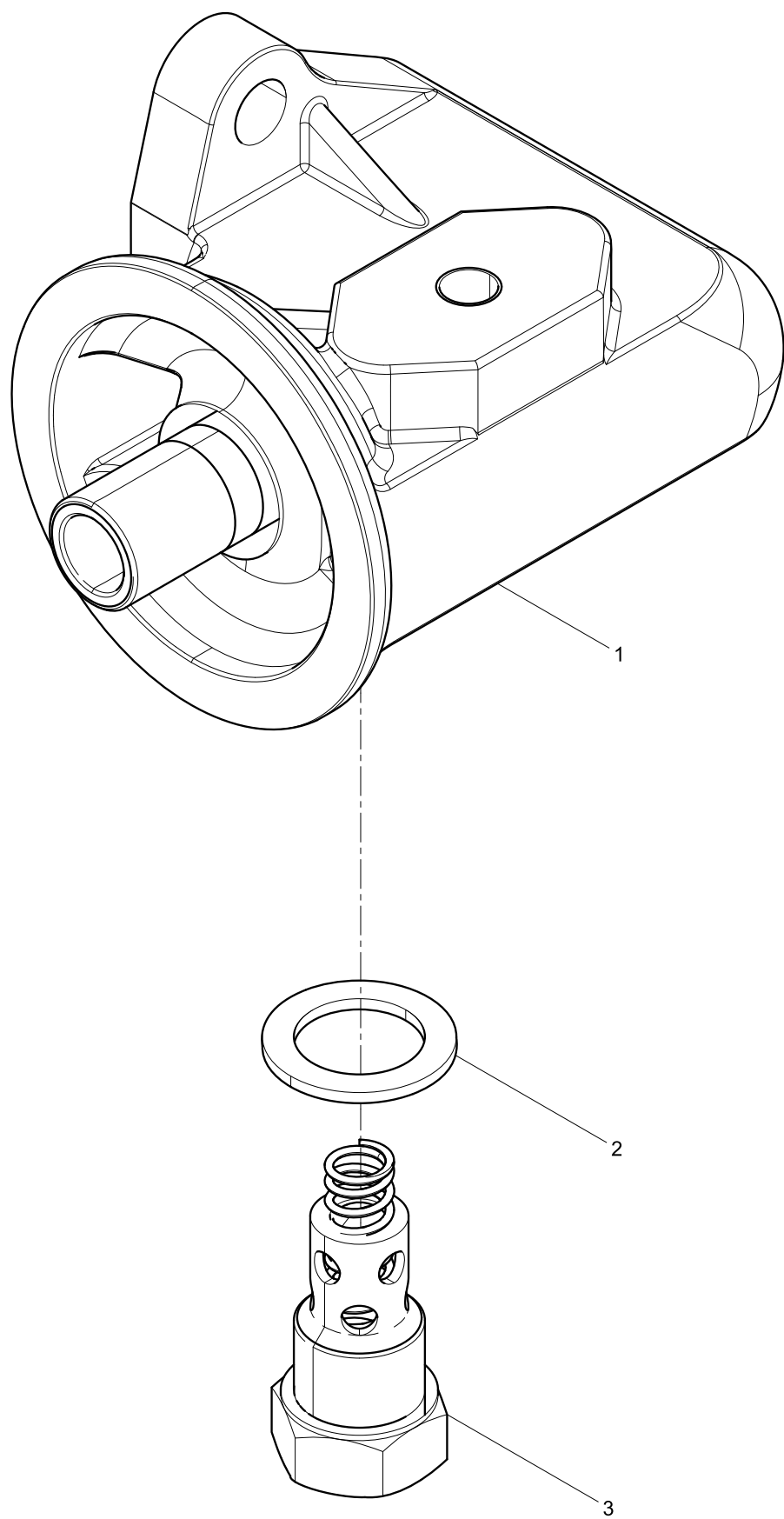
[illegible]

Oil Filter Seat



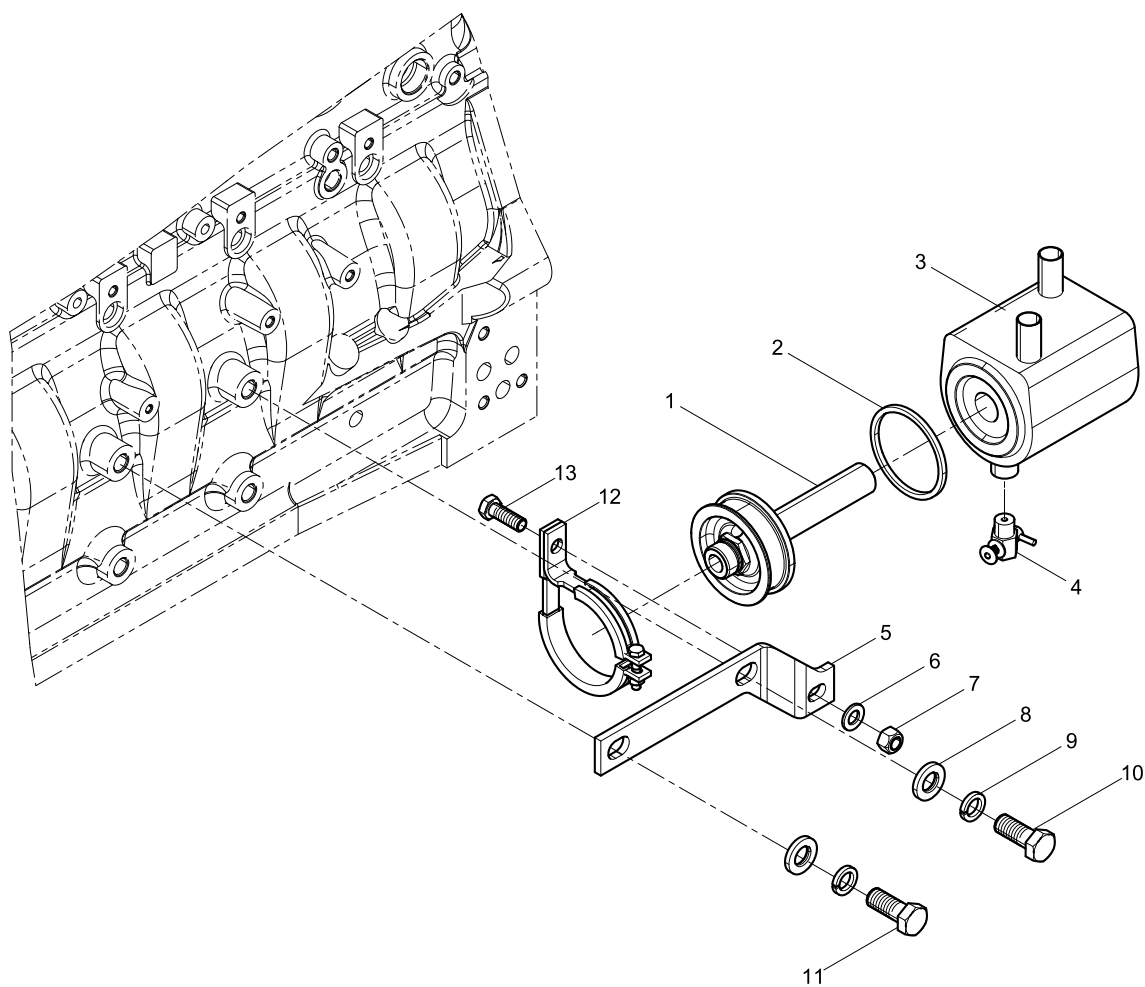
[illegible]

Oil Filter Seat Set



[illegible]

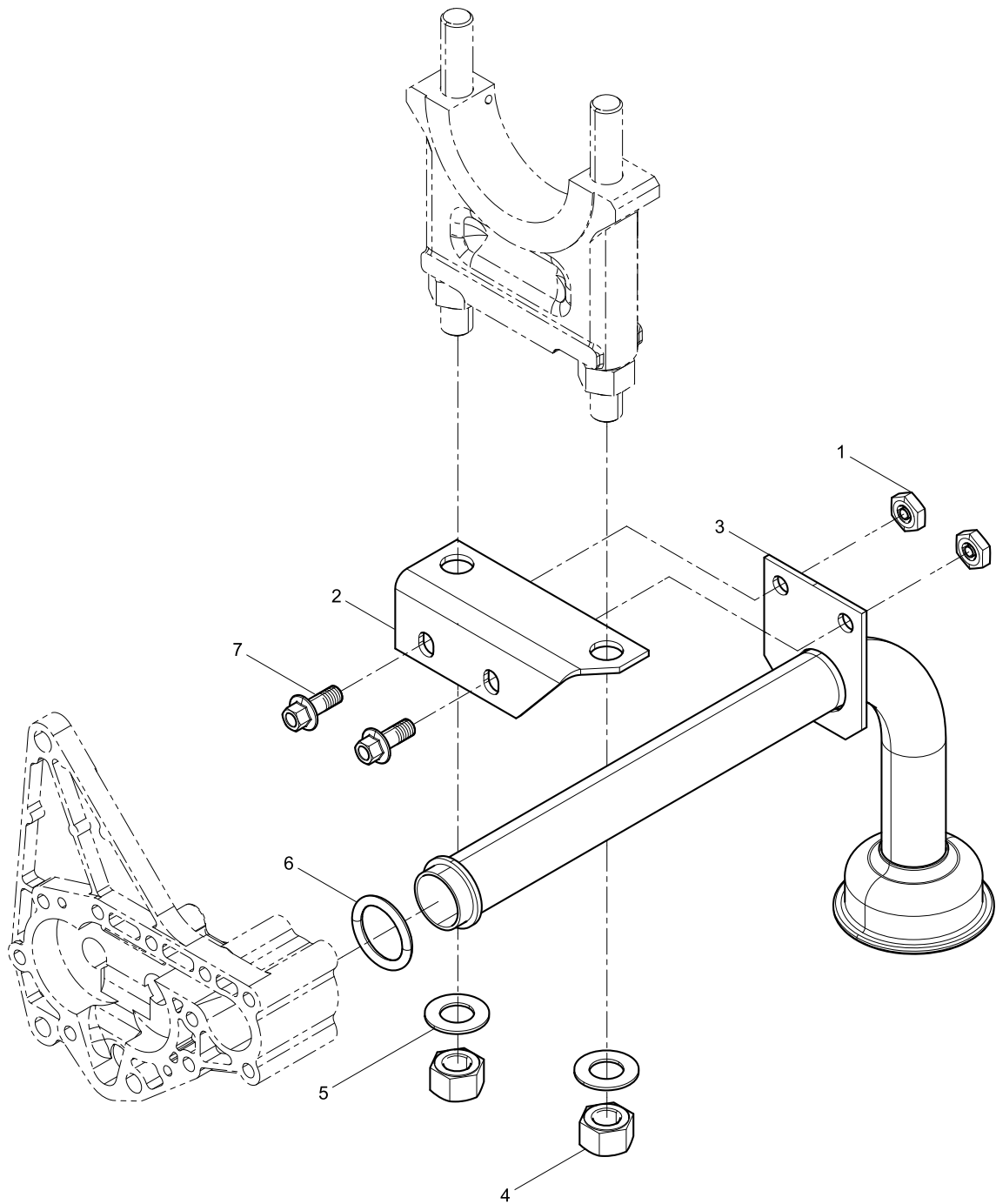
Oil Cooler Assembly



Oil Cooler Assembly

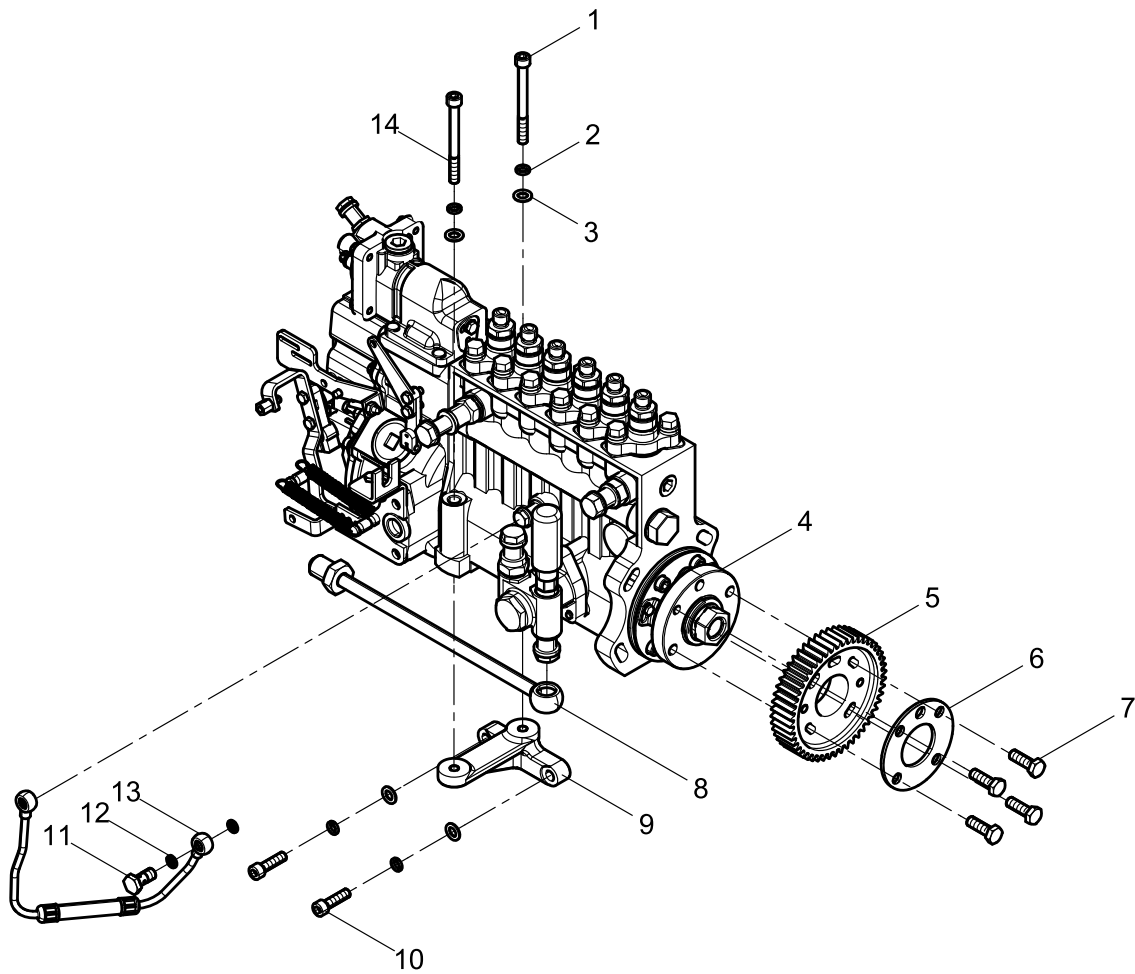
[illegible]

Oil Strainer Group



[illegible]

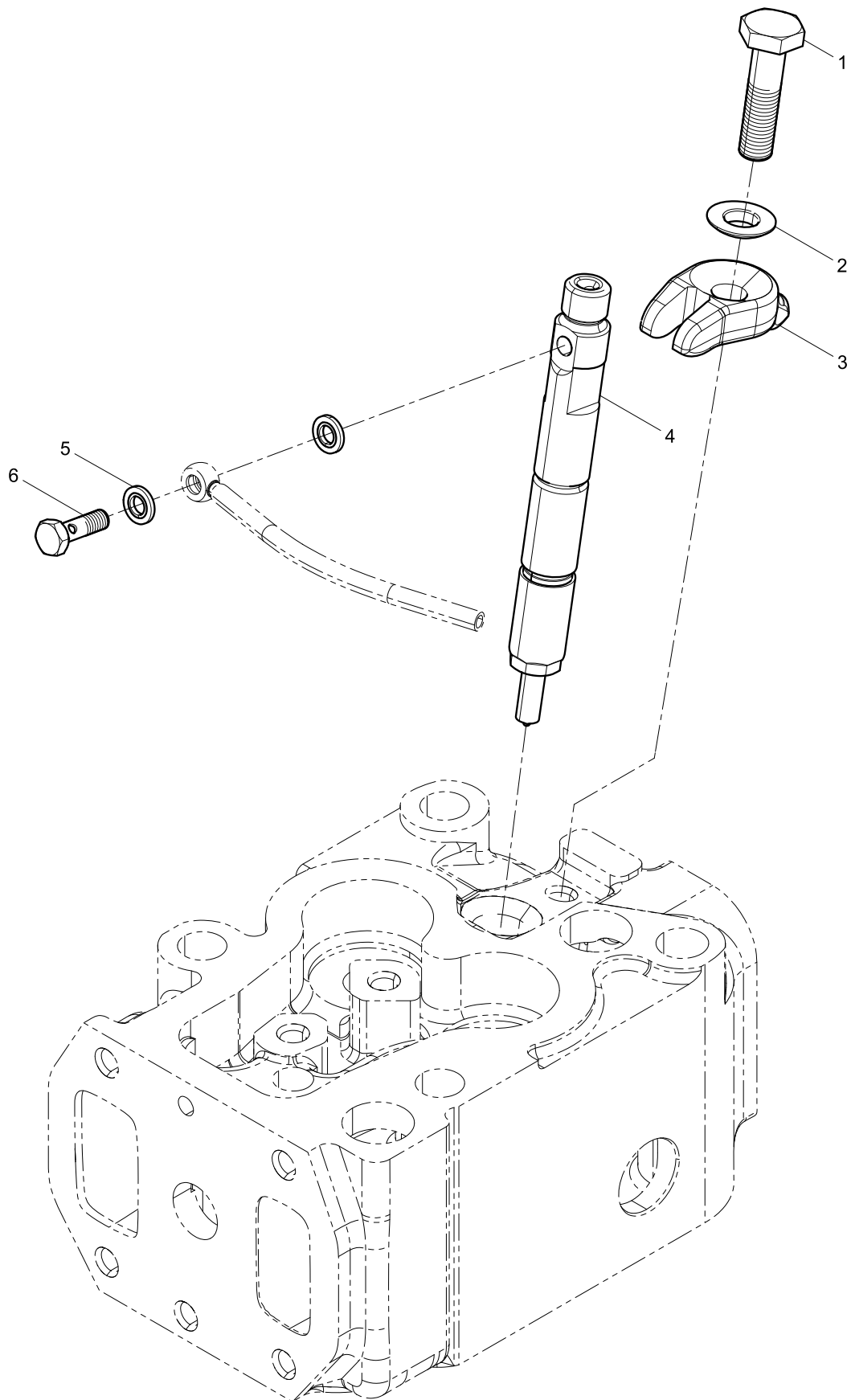
Fuel Injection Pump Assembly



Fuel Injection Pump Assembly

[illegible]

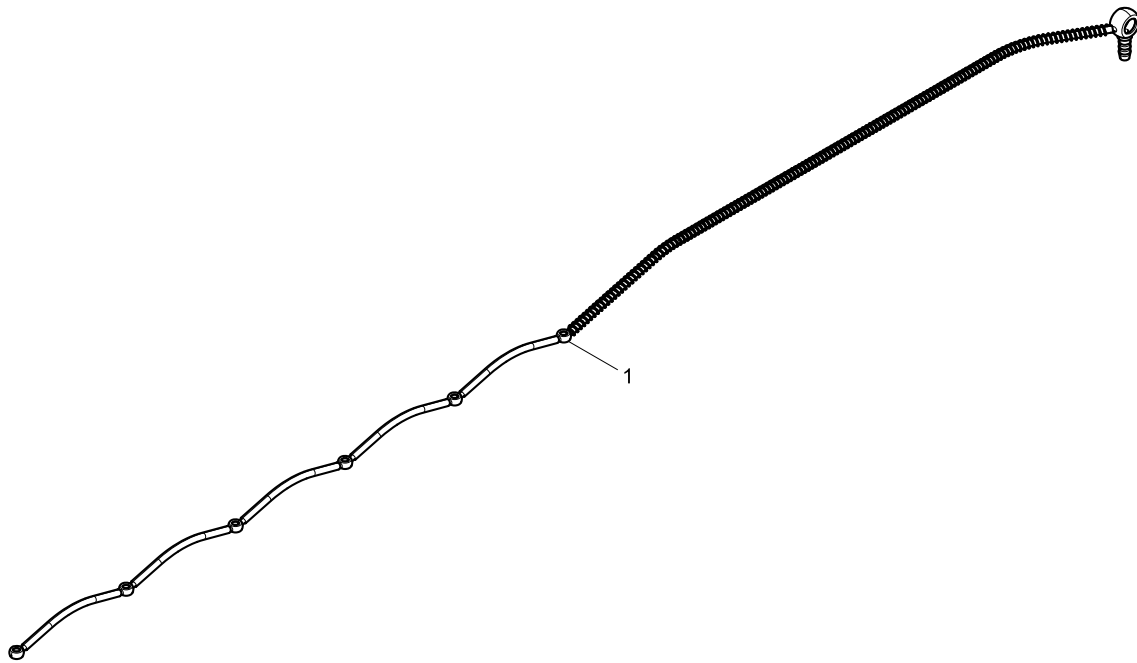
Fuel Injector Group



Fuel Injector Group

[illegible]

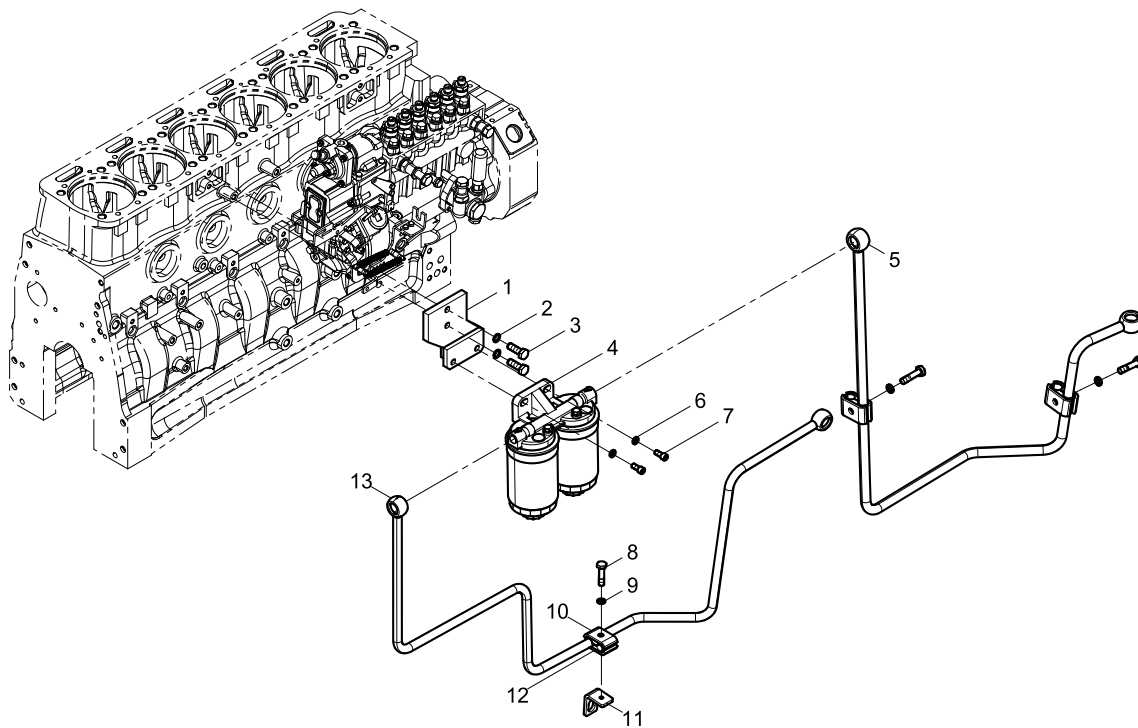
Injector Return Pipe Group



Injector Return Pipe Group

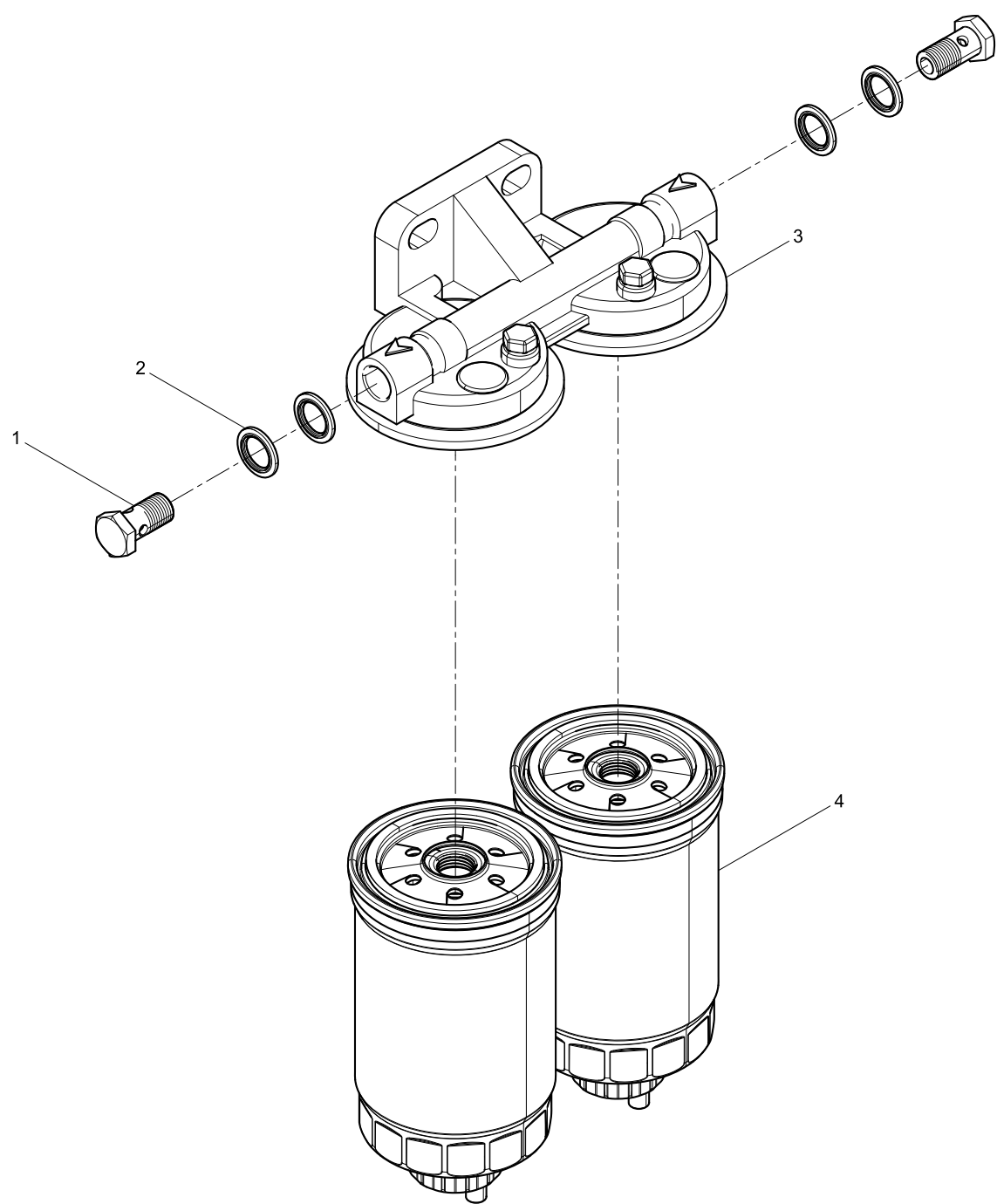
[illegible]

Fuel Filter Group

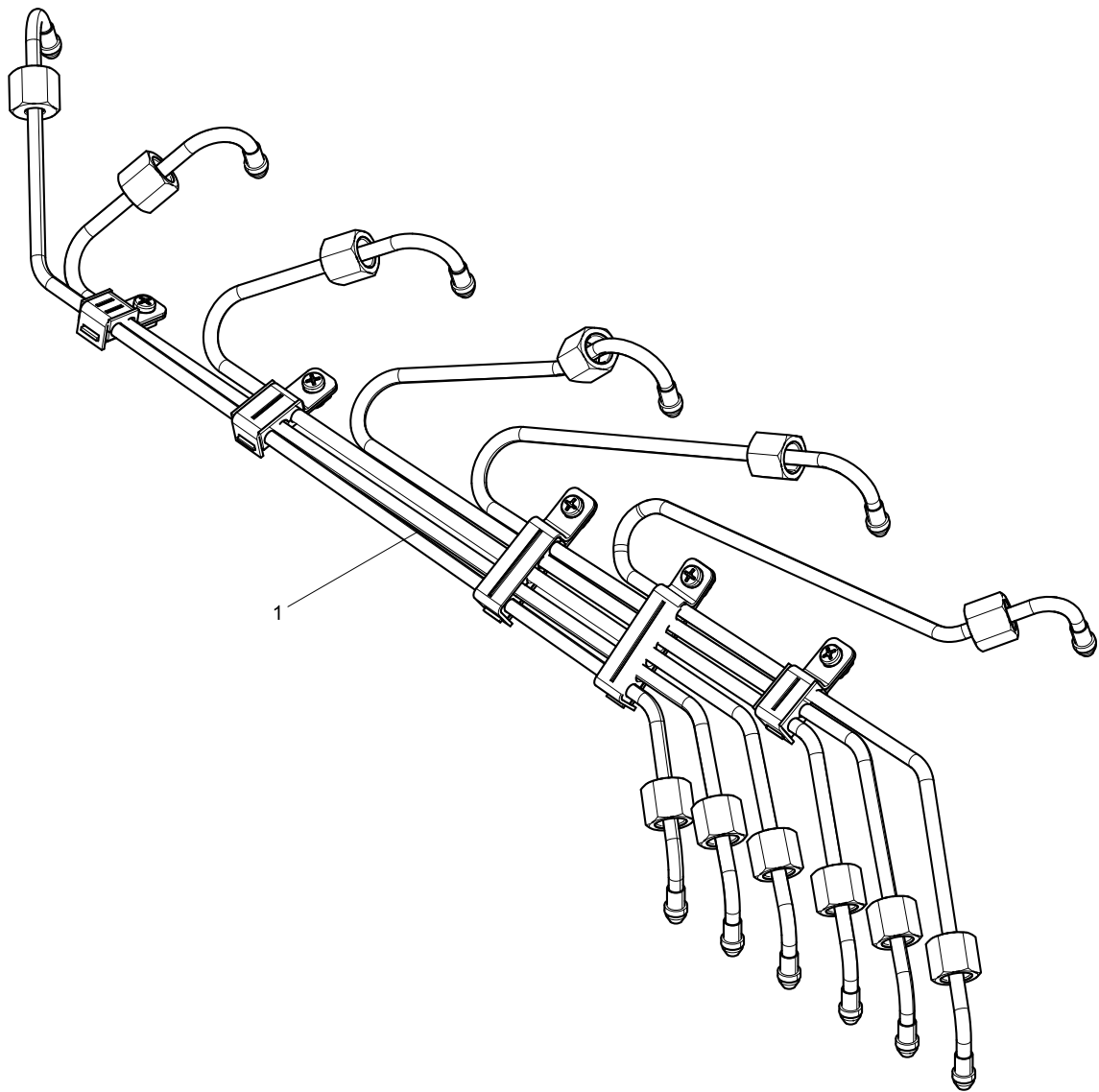


Fuel Filter Group

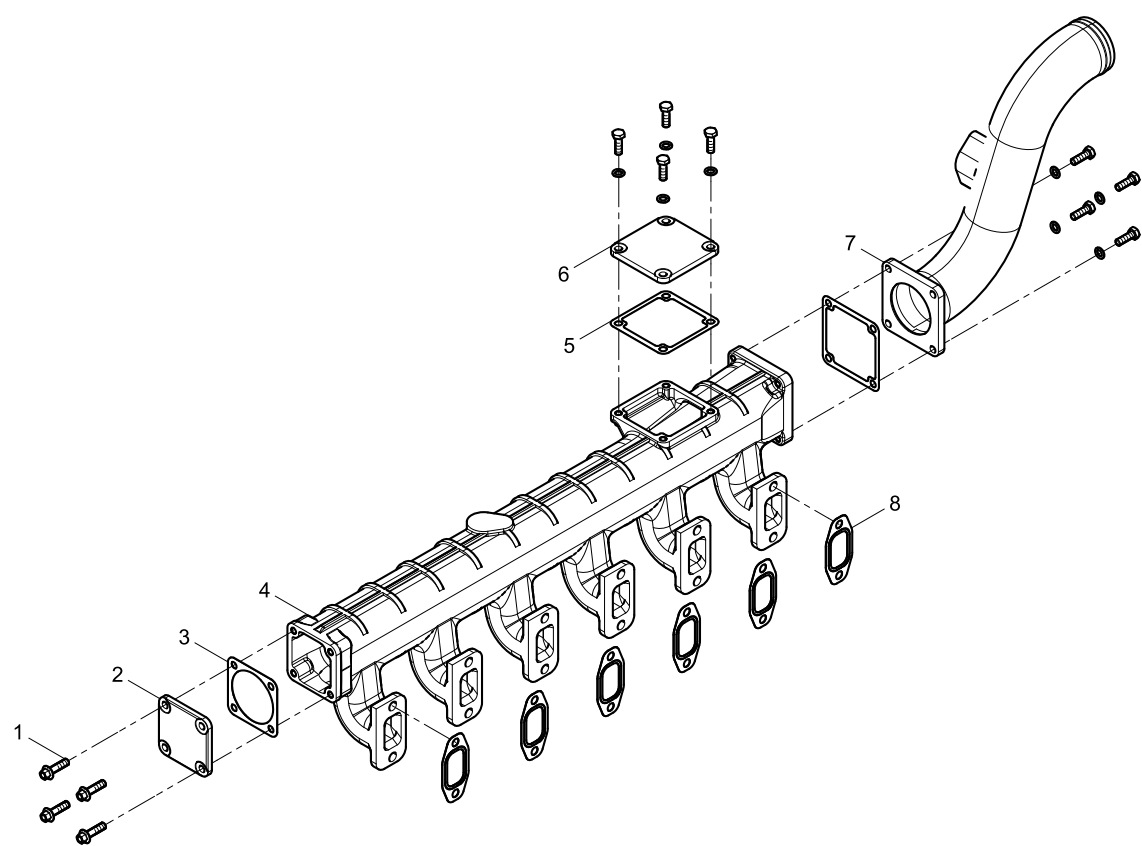
Fuel Filter Assembly



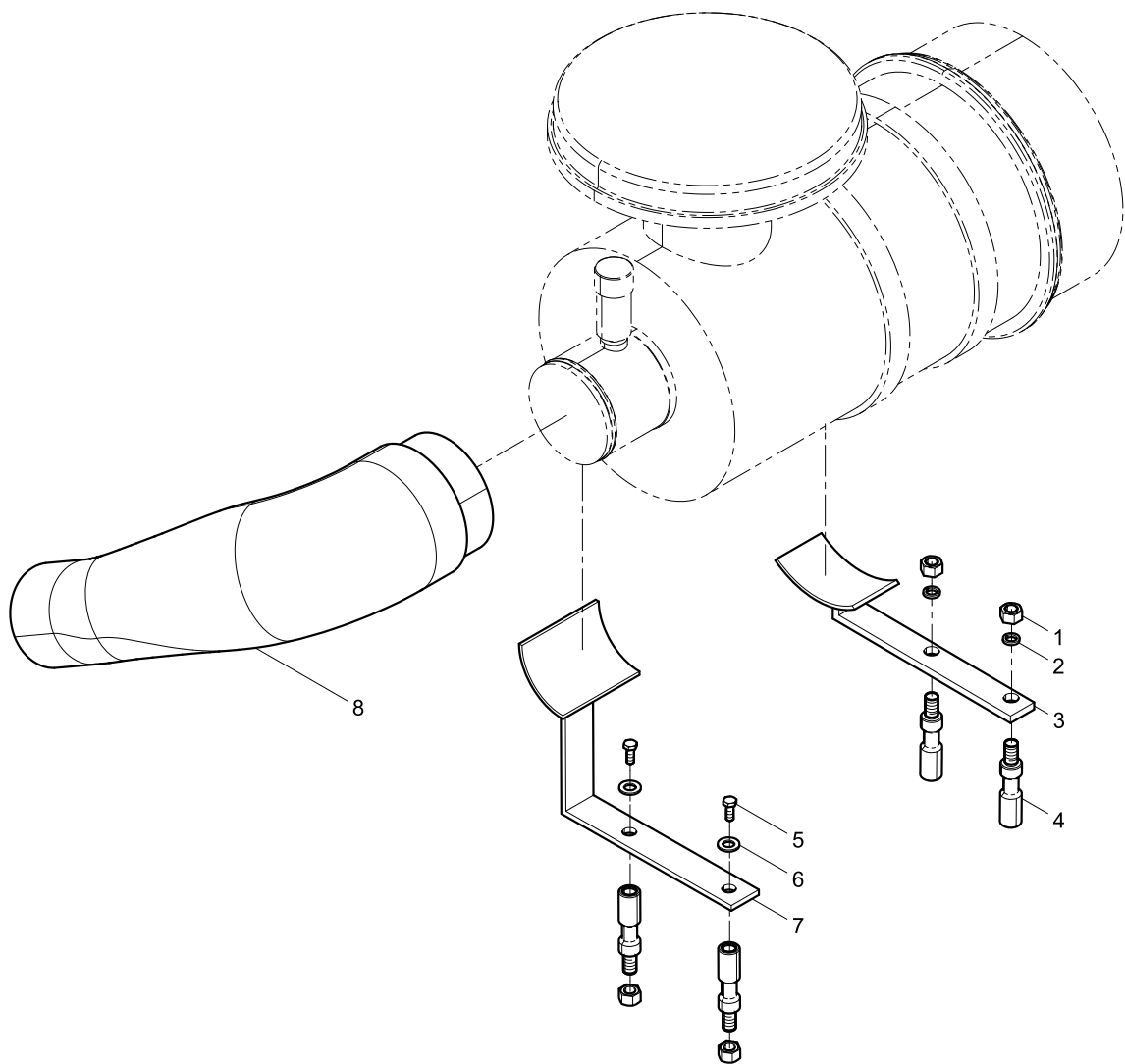
High Pressure Fuel Pipe Group



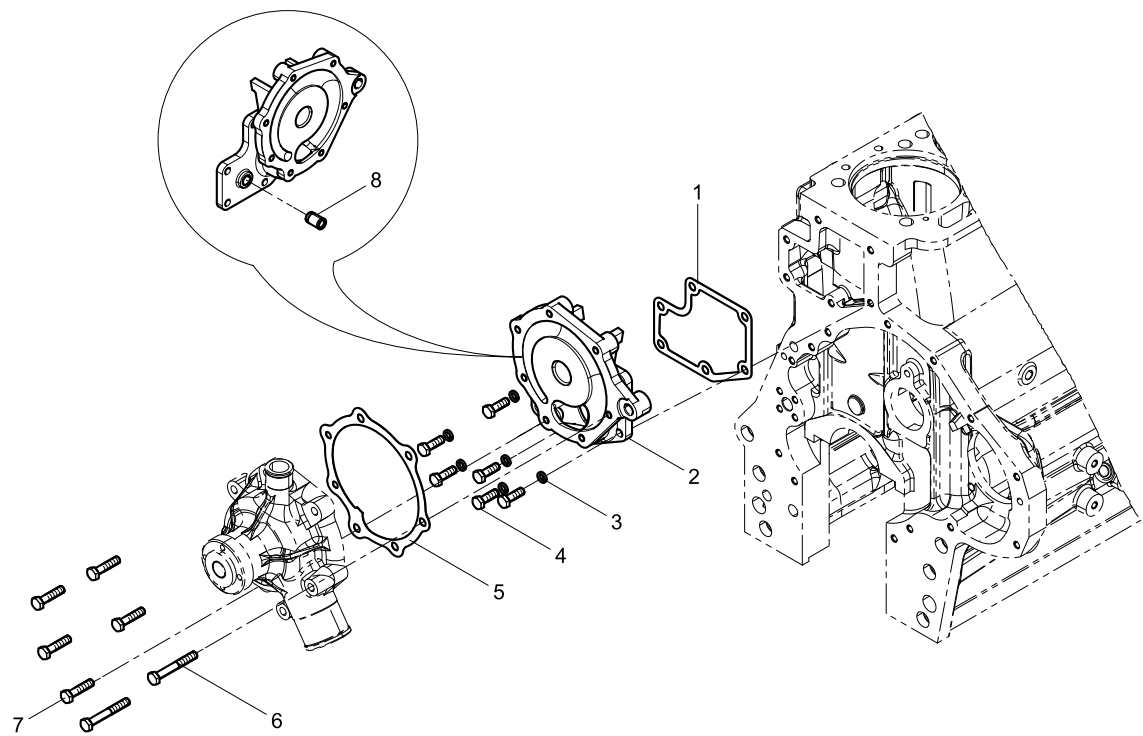
Intake Manifold Group



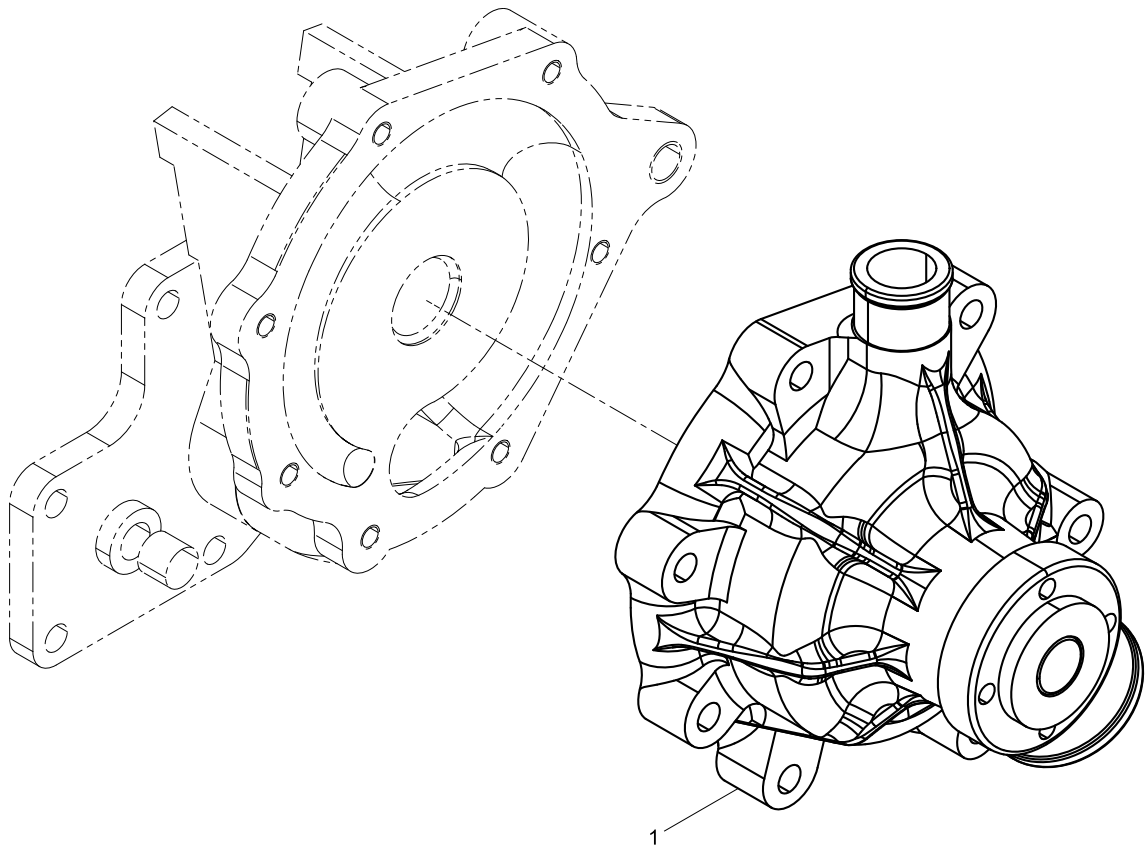
Air Filter Group



Intermediate plate

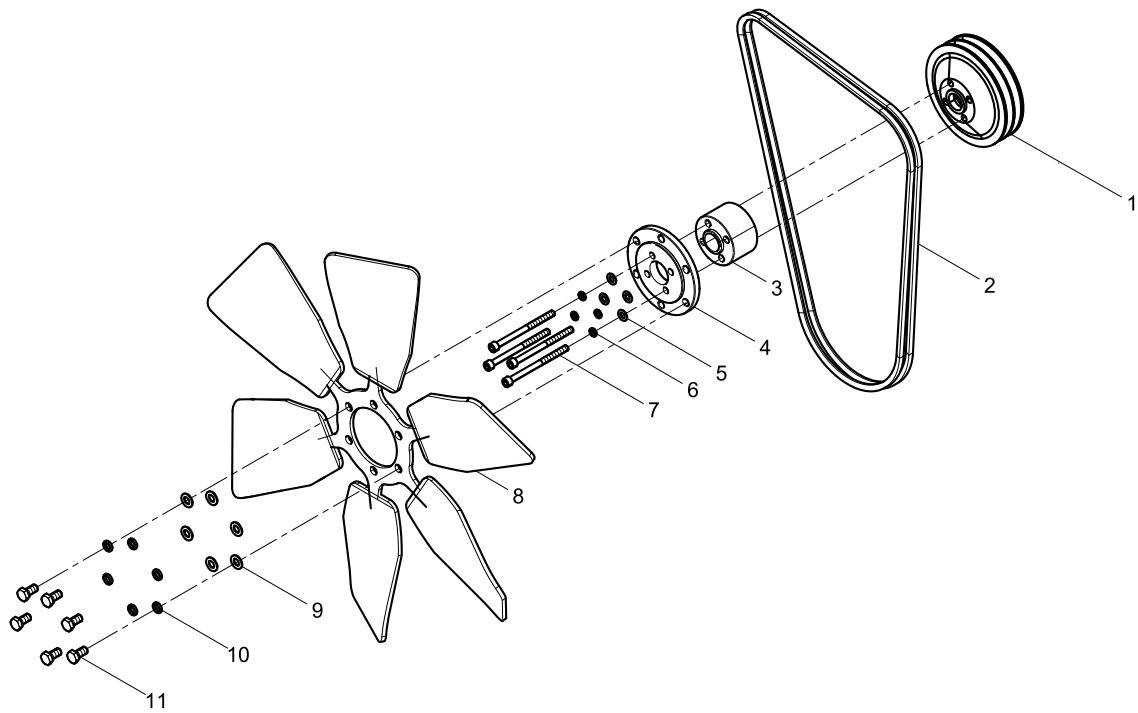


Water Pump Group

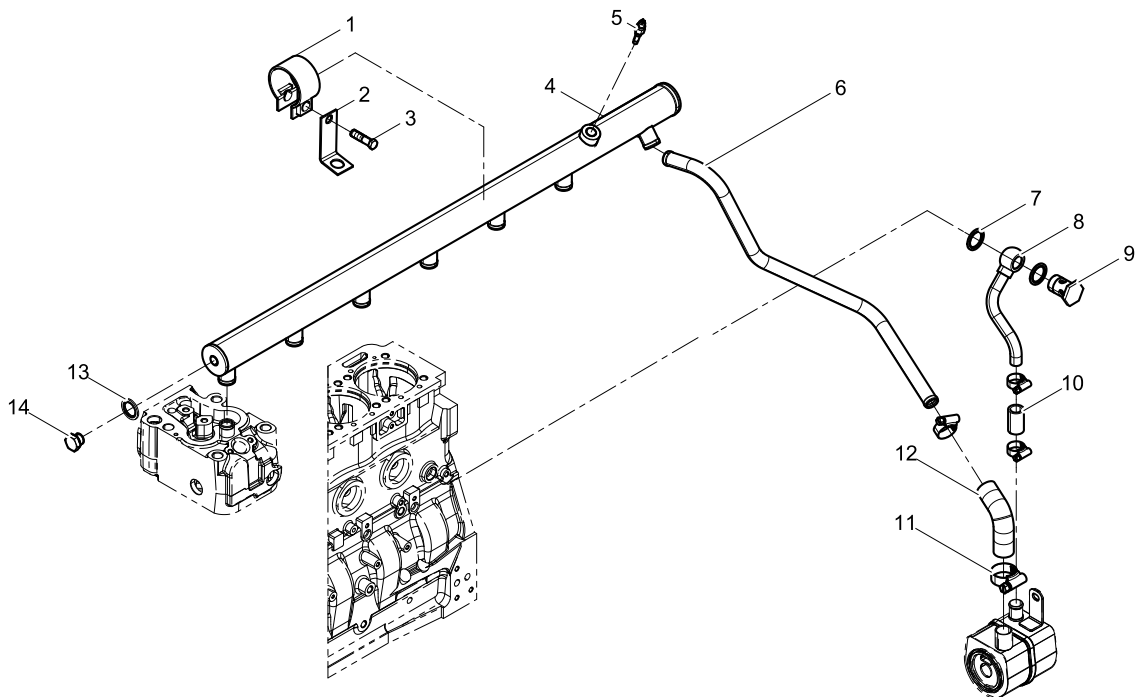


[illegible]

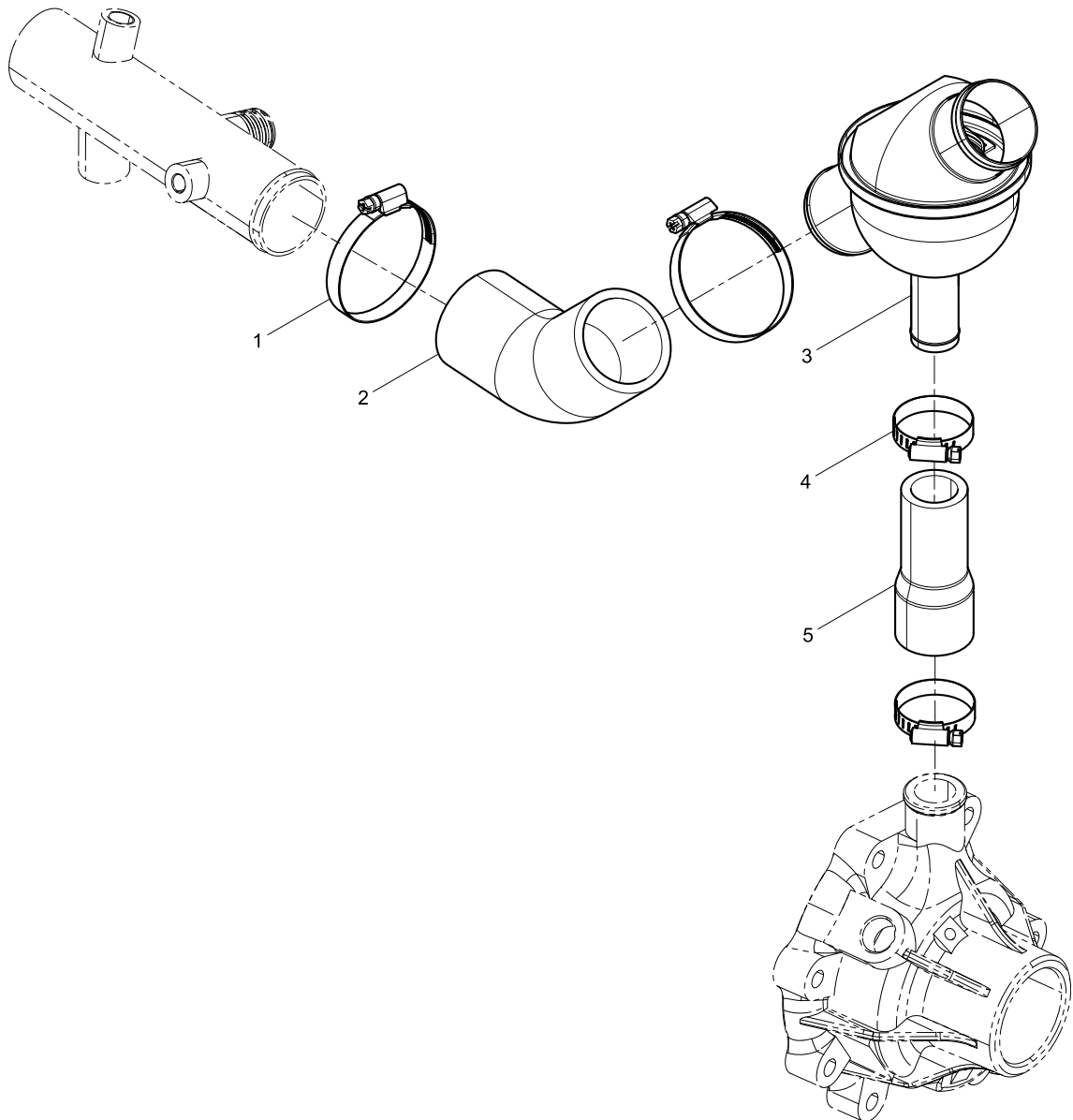
Water Pump Pulley Assembly



Cooling water pipe assembly

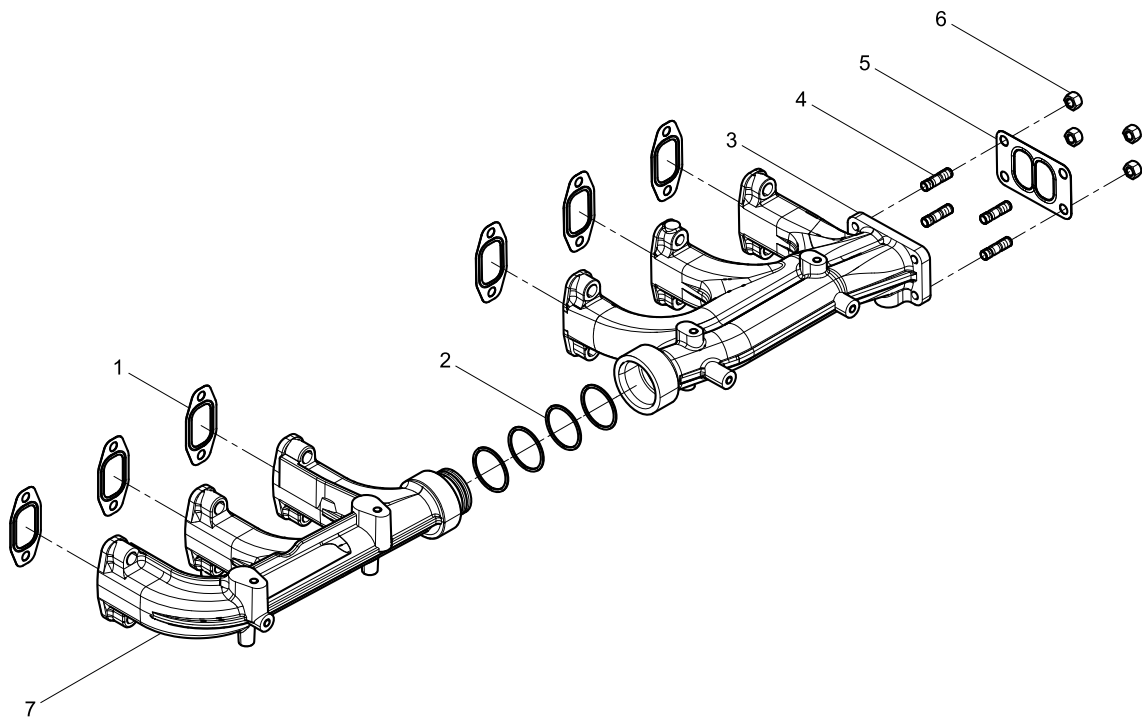


Thermostat Assembly

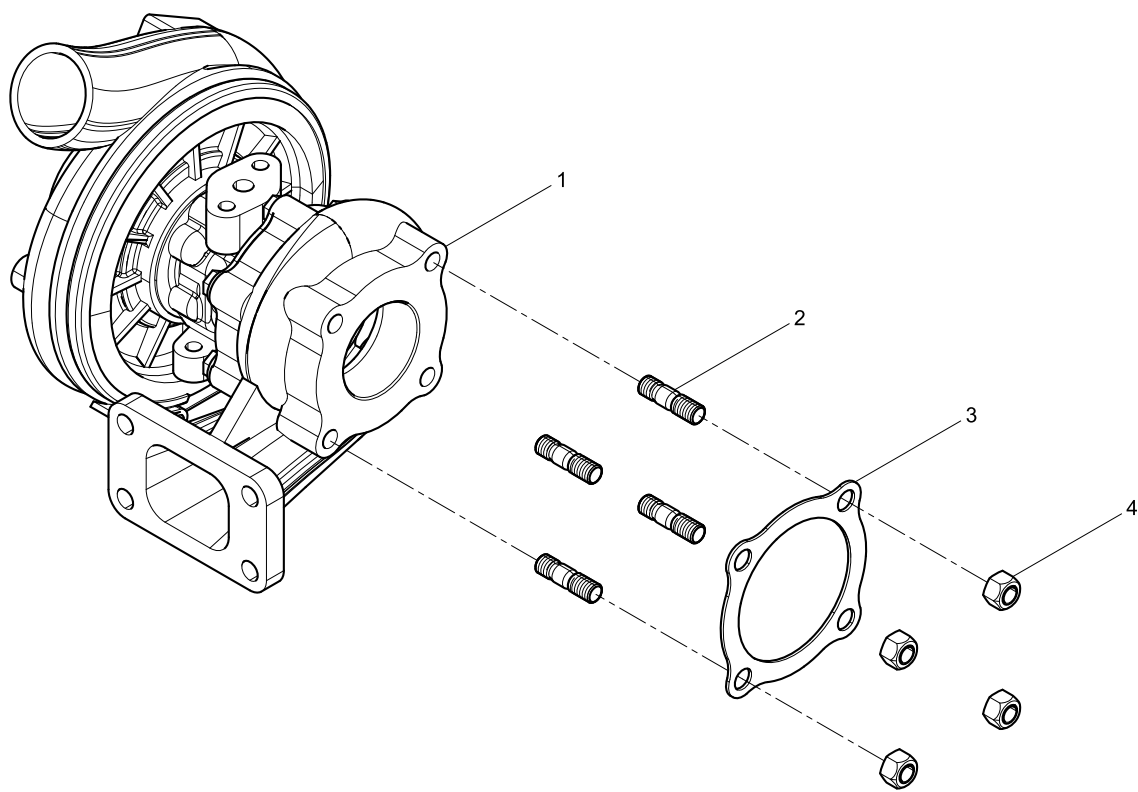


[illegible]

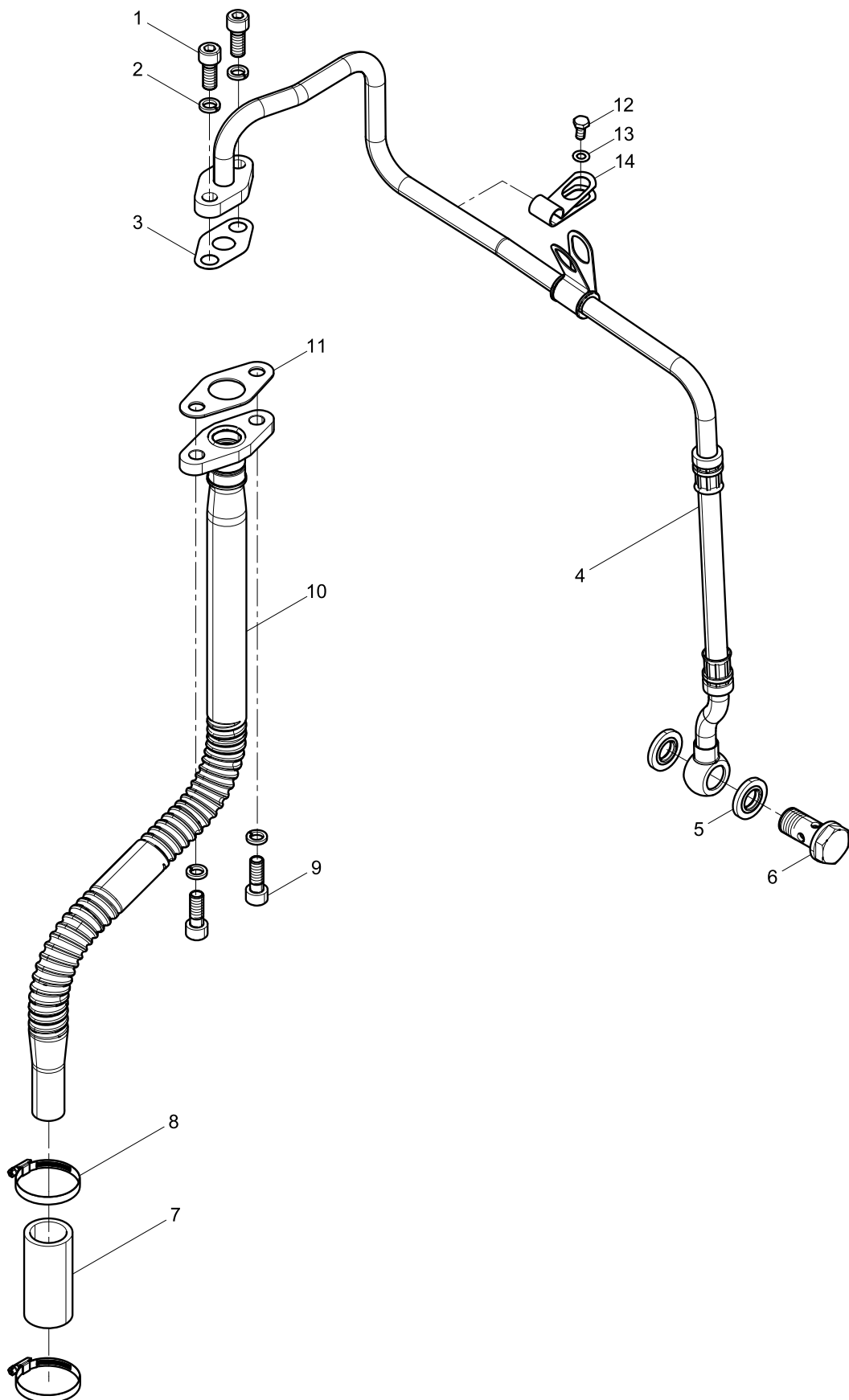
Exhaust Manifold Assembly



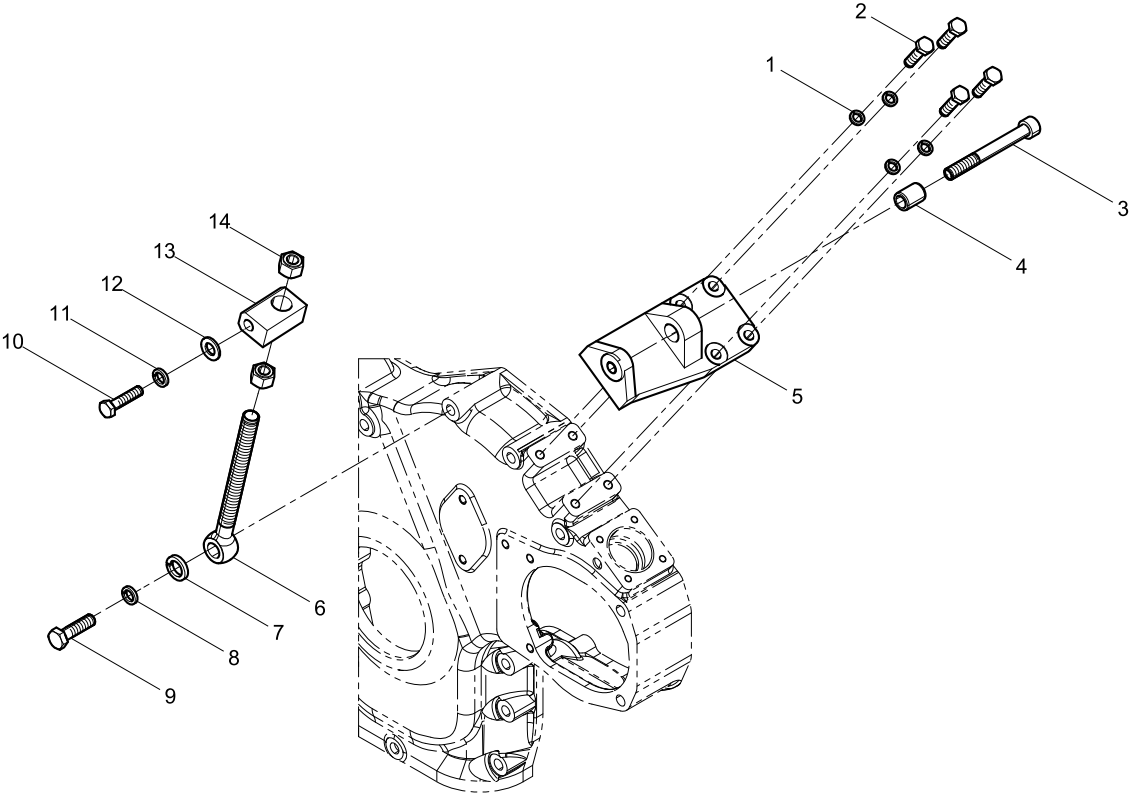
Exhaust Turbocharger Assembly



Oil pipe assembly of turbocharger

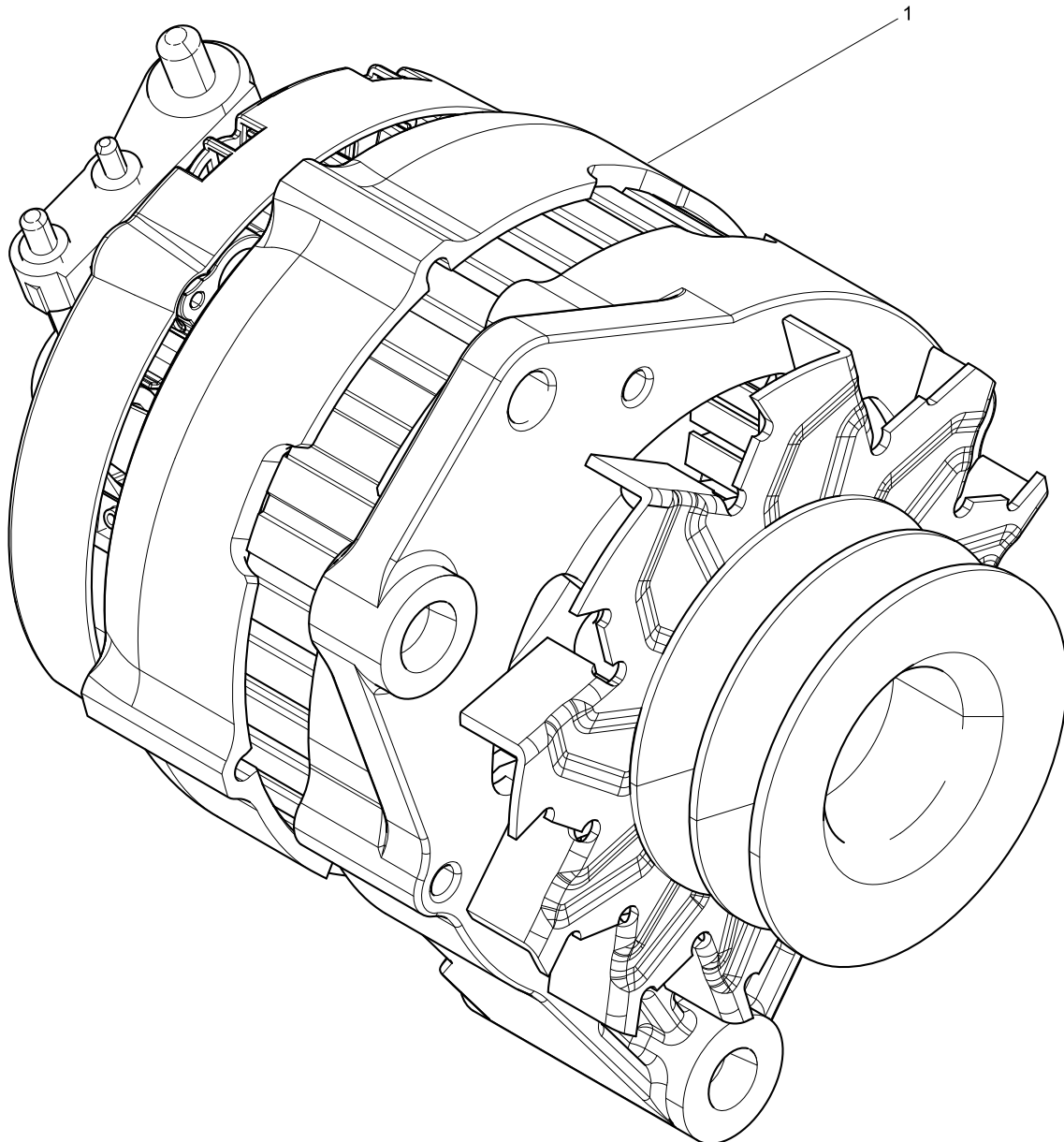


Alternator Bracket Assembly

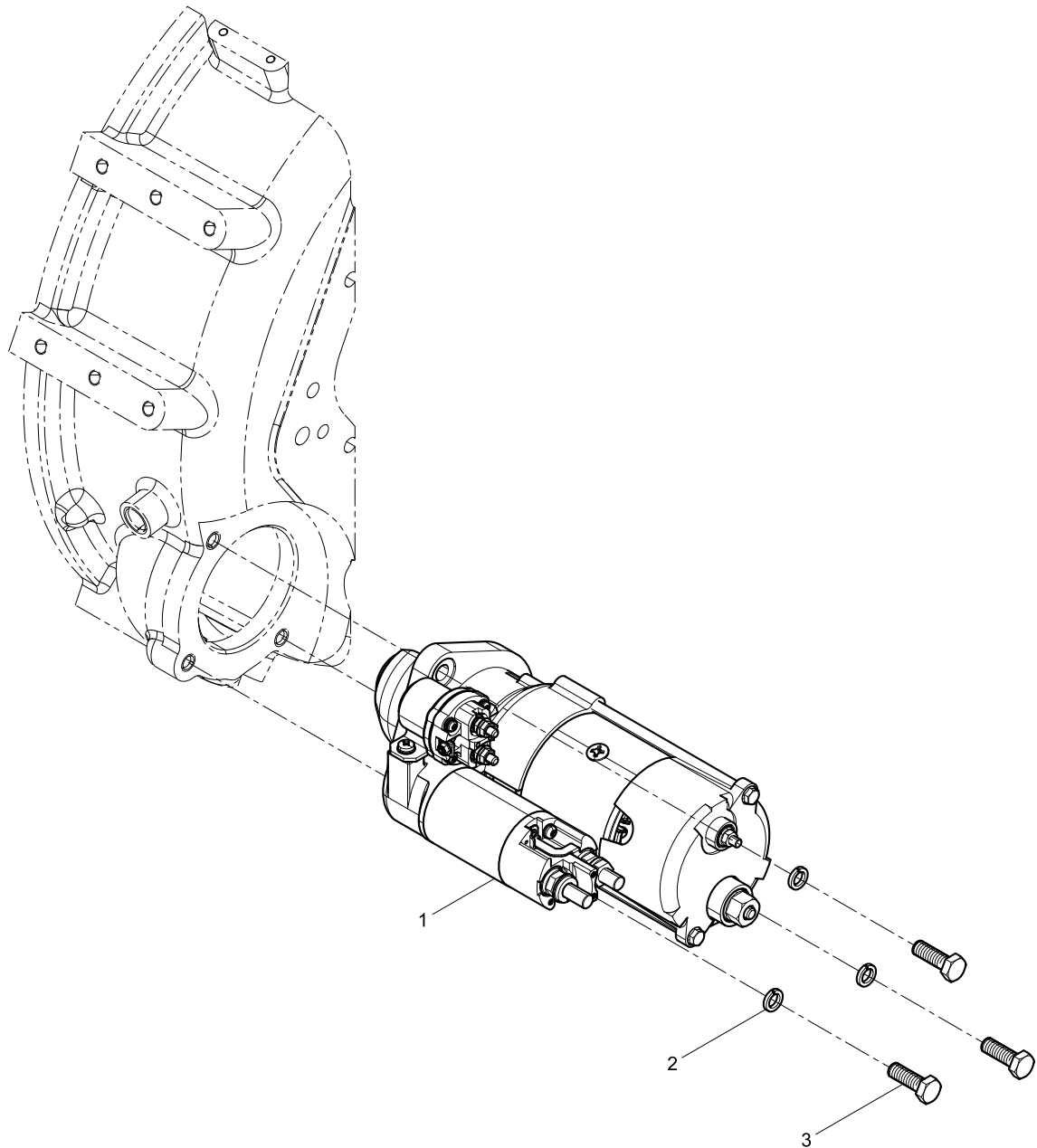


[illegible]

Alternator Group

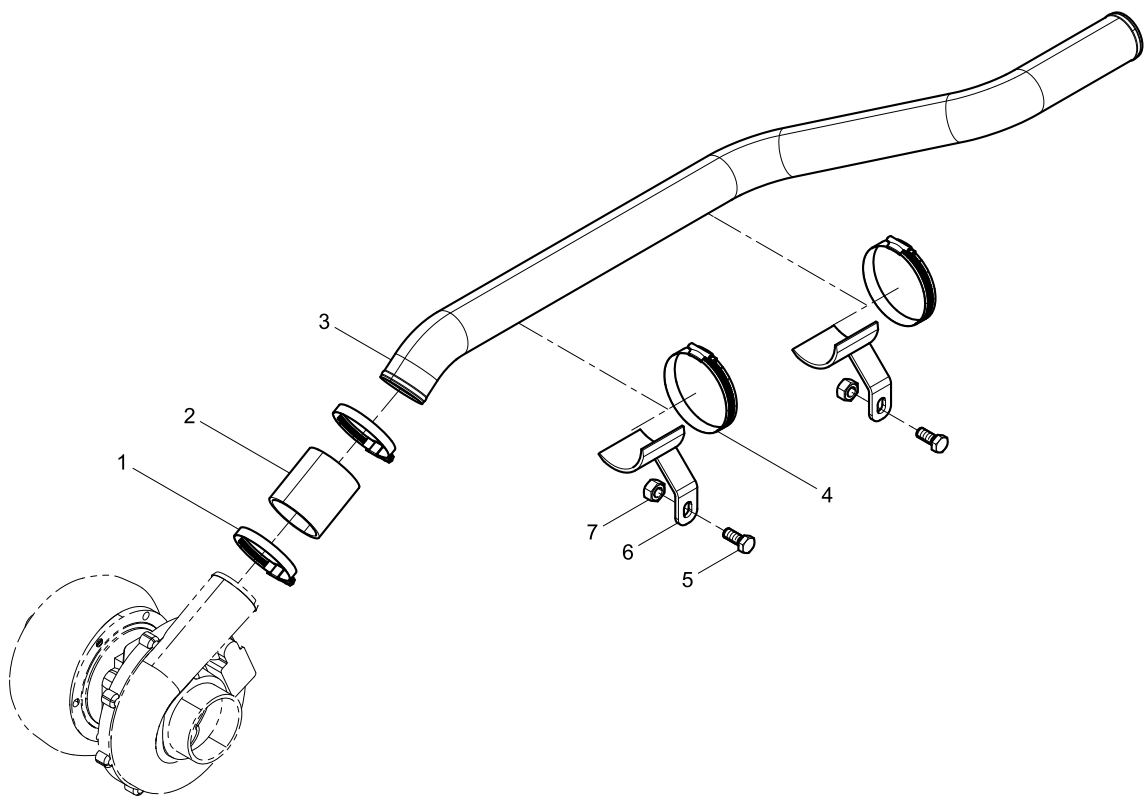


Starter Motor Group



[illegible]

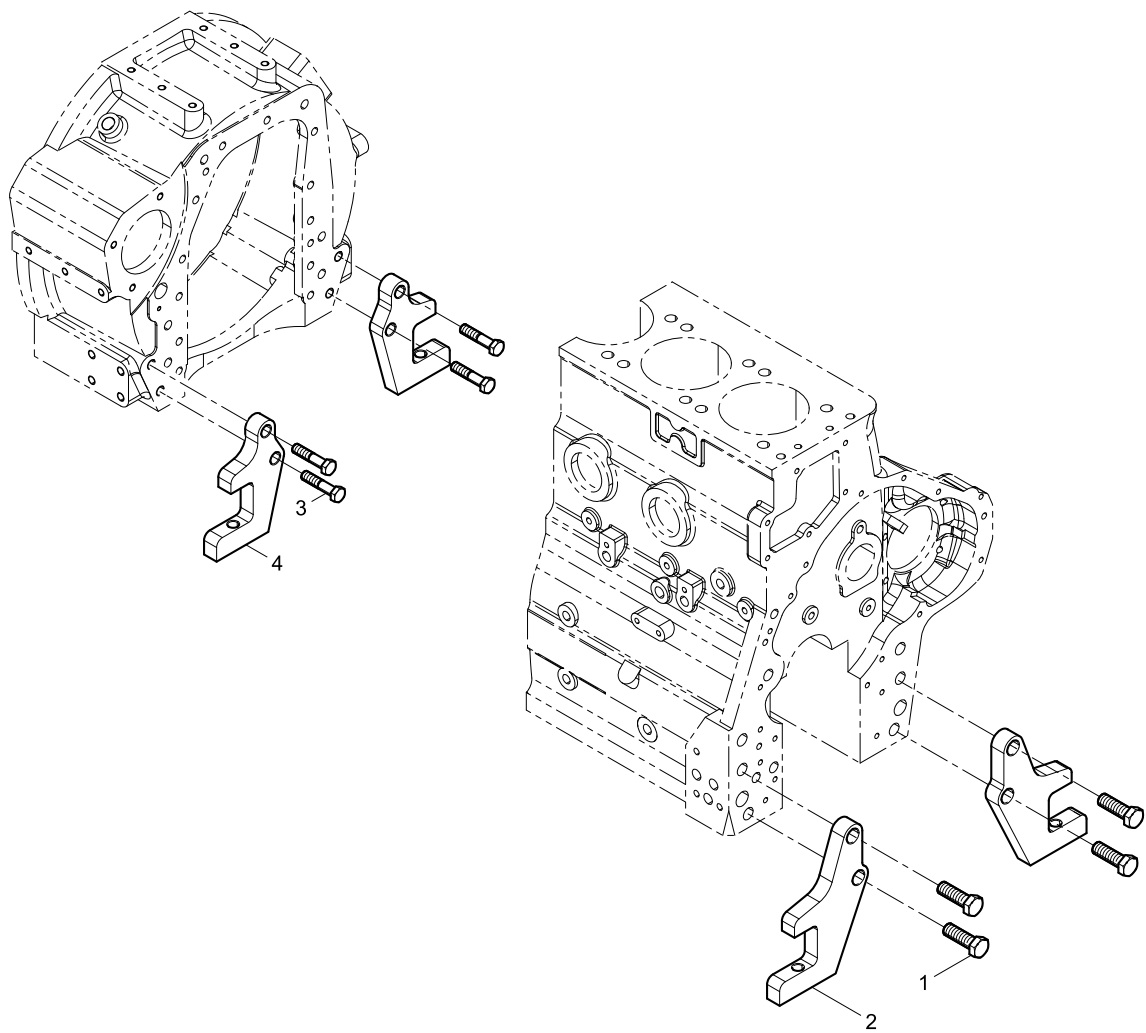
Compressor Pipe Group



Compressor Pipe Group

[illegible]

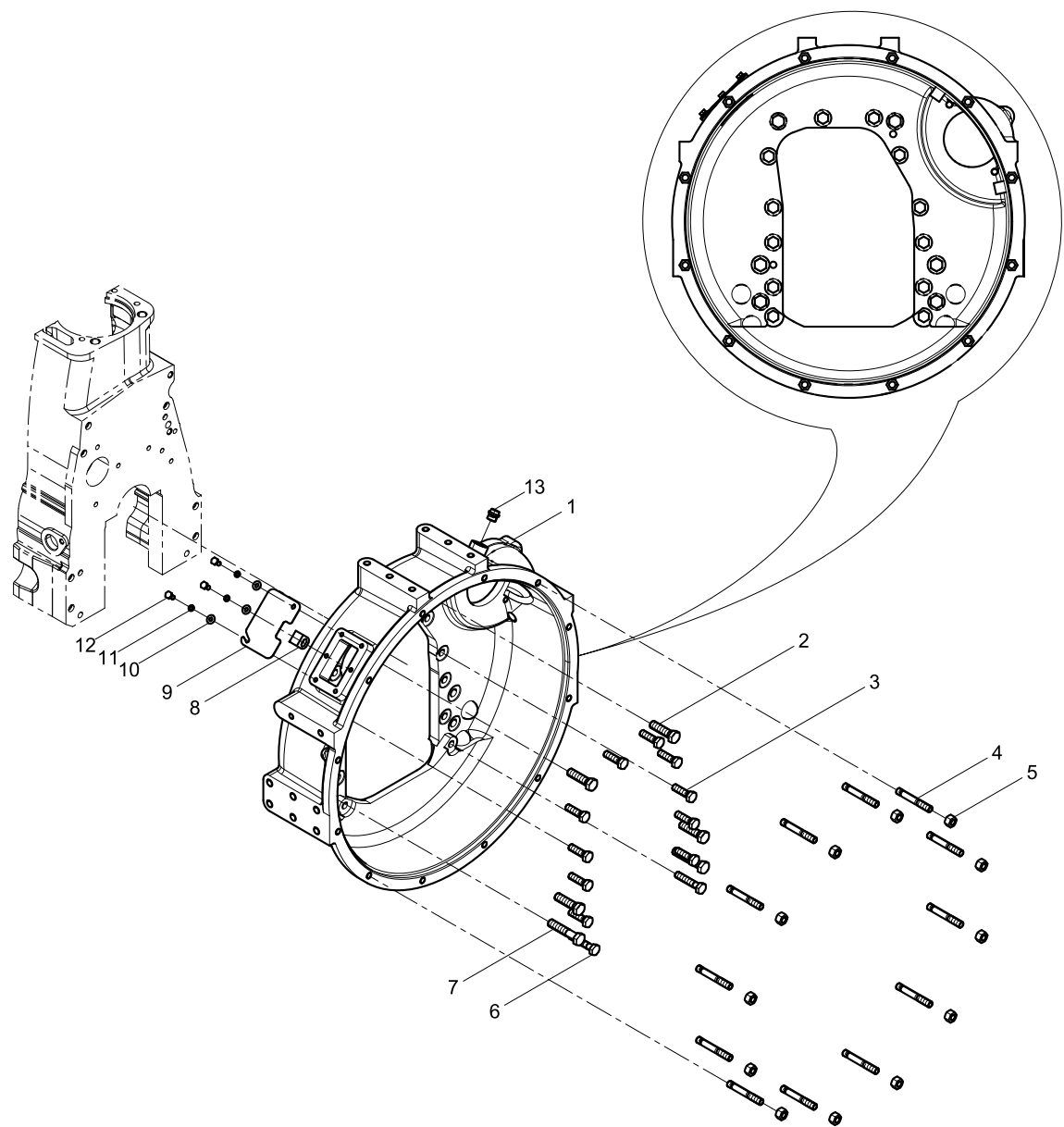
Engine Bracket Group



Engine Bracket Group

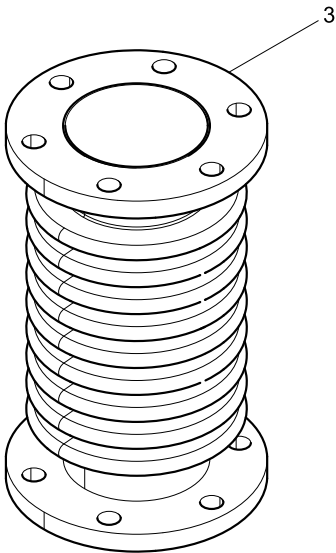
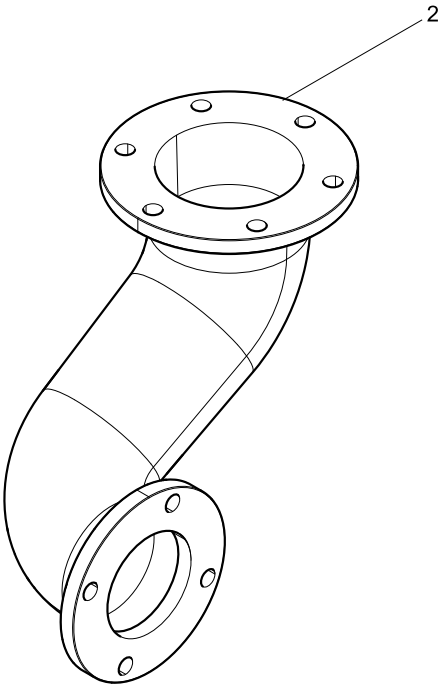
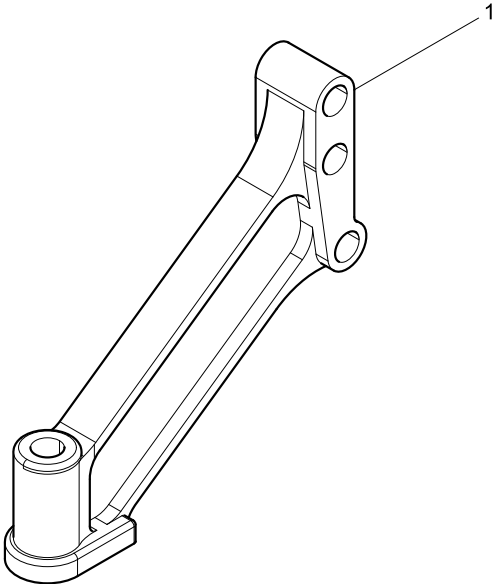
[illegible]

Flywheel Housing Assembly



[illegible]

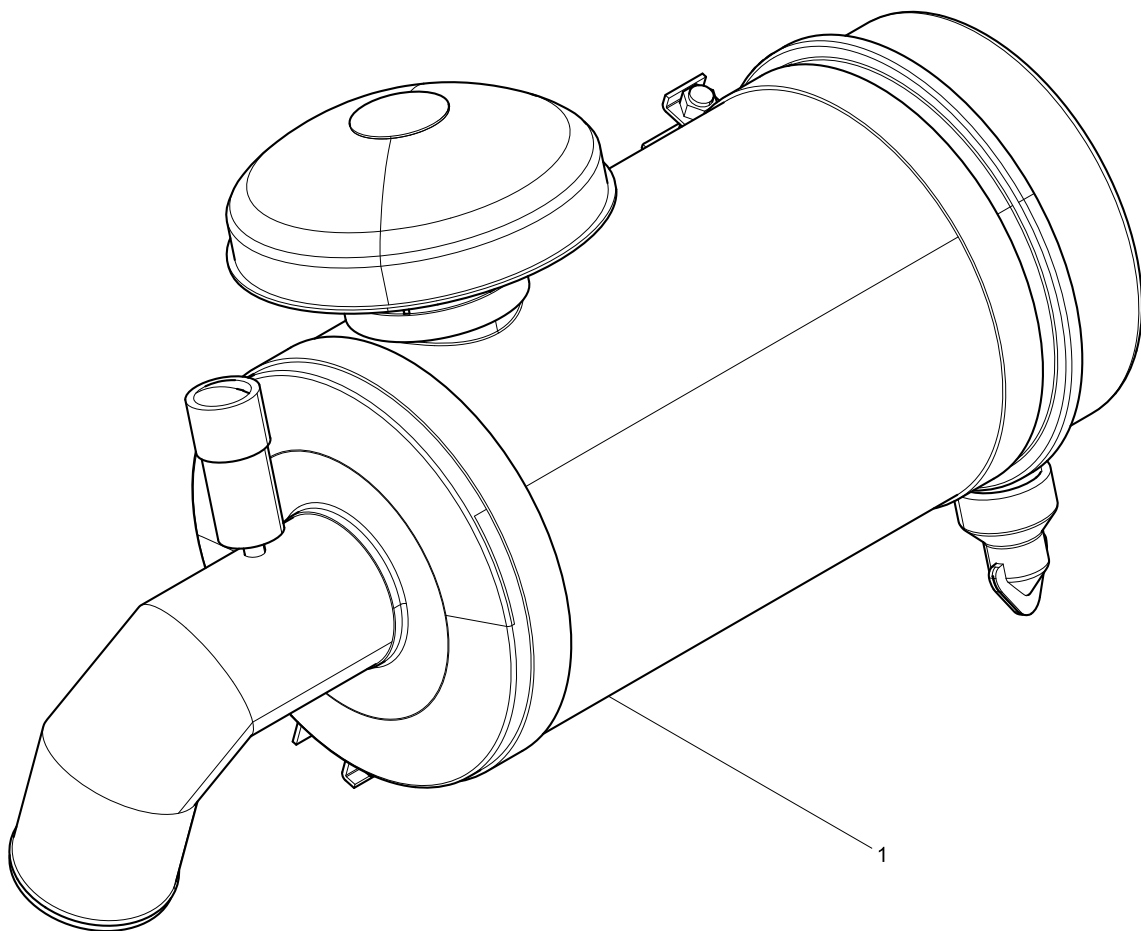
Packing Box Chassis Parts Group



Packing Box Chassis Parts Group

[illegible]

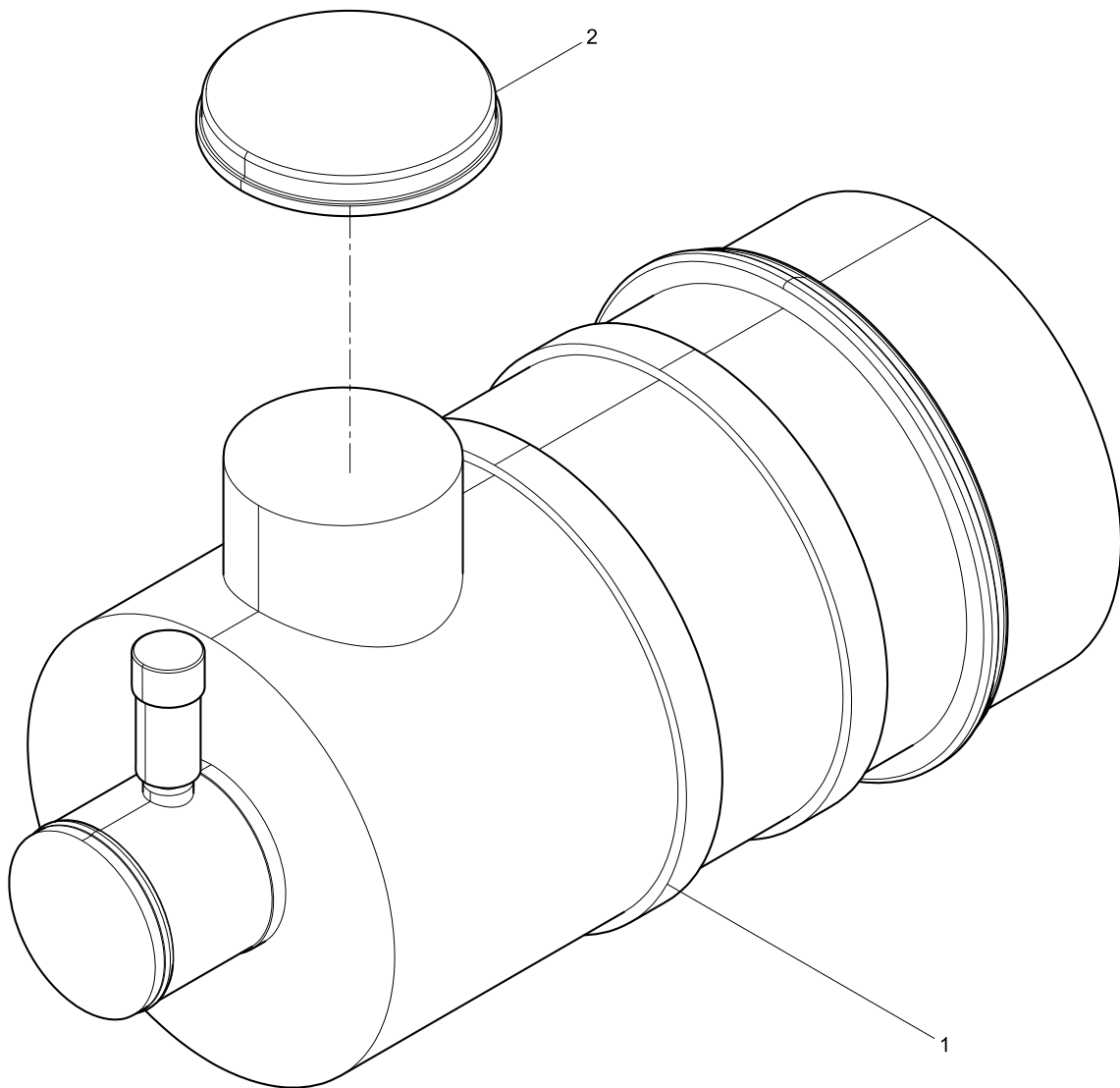
Separate Delivery Parts Group Attached to Engine



Separate Delivery Parts Group Attached to Engine

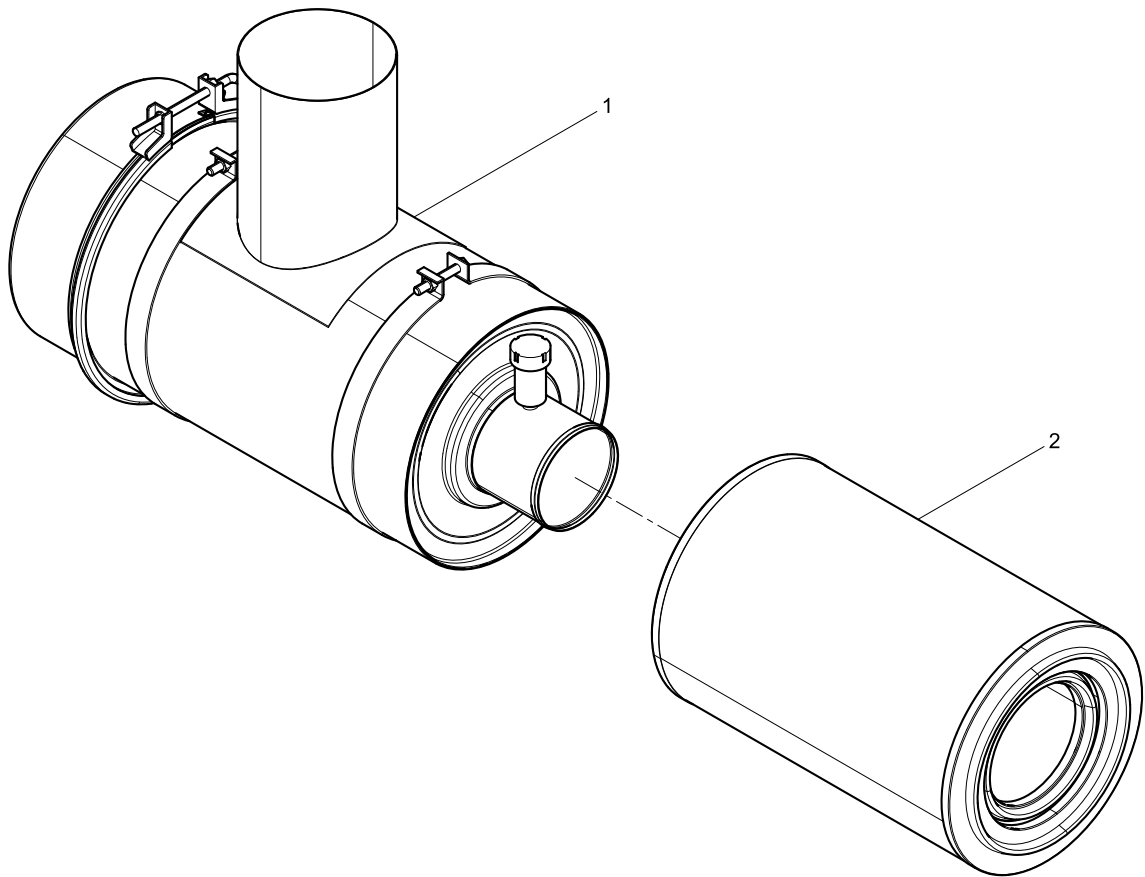
[illegible]

Air Filter



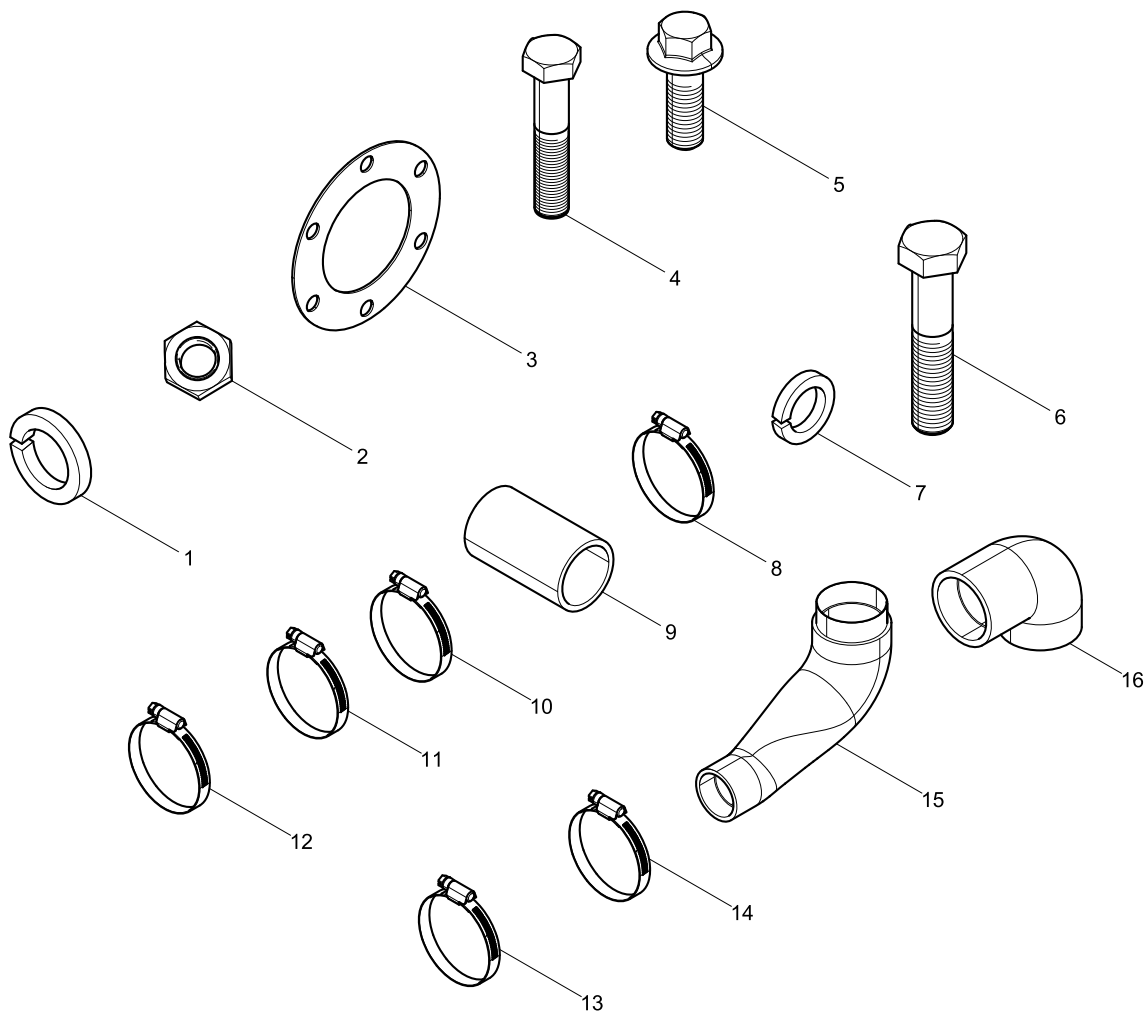
[illegible]

Air Filter Body



[illegible]

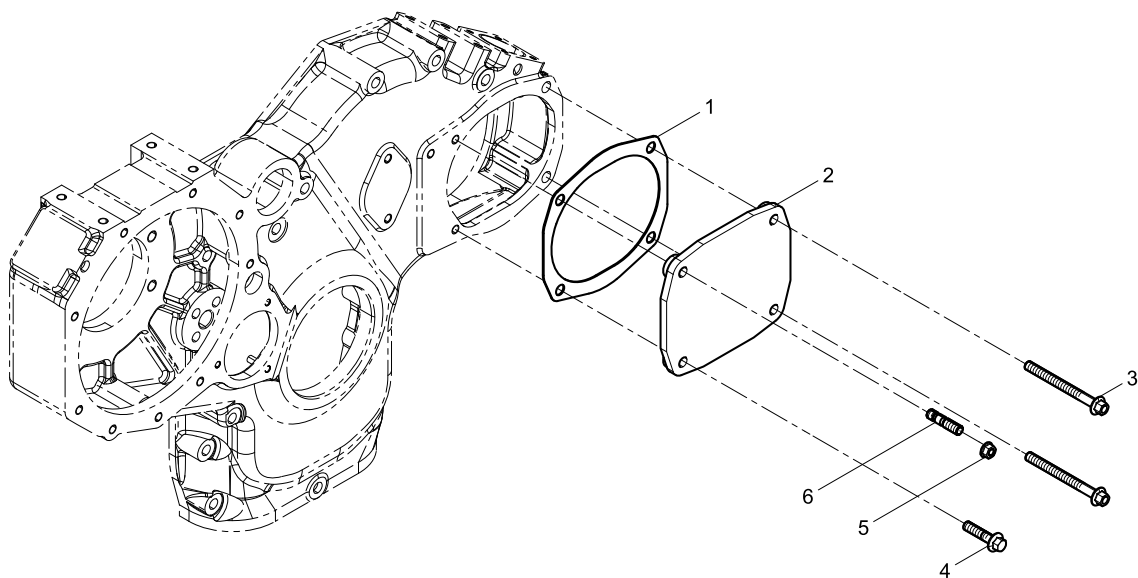
Parts Kit Group



Parts Kit Group

[illegible]

Hydraulic Pump Group



Hydraulic Pump Group

[illegible]

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

SHANDONG HEAVY INDUSTRY INDIA PVT. LTD.
S. NO 280/281, Phase II, Hinjewadi, Village Mann
Tal - Mulshi, Dist - Pune. 411 057
Maharashtra, India.

Baudouin.com

 **MOTEURS Baudouin**
a WEICHAI company

BAUDOUIN(WEIFANG) POWER CO., LTD.

