

Parts Book

IQ84294U 2019/12/19

404J

- Catalogue des pièces de rechange
- Ersatzteilliste
- Catalogo parti di ricambio
- Catálogo de repuestos

 **Perkins®**

THE HEART OF EVERY GREAT MACHINE



The information given within this parts book was correct at the time of printing and is subject to change without notice. Always refer to your local Perkins outlet for the latest information. Only fully trained personnel should carry out servicing of engines. Before working on any engine always refer to the correct user service and maintenance manual.

Always refer to your local Perkins outlet before purchasing any parts.

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Perkins Platinum Protection

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- Unbeatable value for money, with absolutely no excess to pay
- Our global network of fully trained professional Perkins technicians will ensure that you always receive a trustworthy and reliable service
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* Terms and Conditions apply

Introduction

The build list of your engine, found on the front page of this parts book, provides a unique reference to the components fitted to your engine; therefore this parts book is only applicable to this particular engine

Always quote your build list and engine serial number when contacting your Perkins outlet.

How to use your Parts Book

This parts book has been designed to provide you with all the information you need to identify parts to service your engine. There are several features within the book to make it easy to find the parts you require

Front Page

This lists your build list number and the date of publication of this book.

Symbol Descriptions

Provides a quick reference guide to the symbols used within the book.

Engine Breakdown

Use this to identify all the major sections of your engine and the relevant pages within the book.

Parts Lists & Illustrations

This section shows each major section of your engine broken down into individual part numbers along with an associated illustration for identifying the parts you require.

The illustrations used in this parts book are representational only and should only be used for identification purposes.

For fitting instructions please refer to your engine Service Manual.

Parts Index

Using either the part number or description of the part you require this section will help you locate the page within the **Parts Lists & Illustrations** section where the part appears.

Engine Breakdown



















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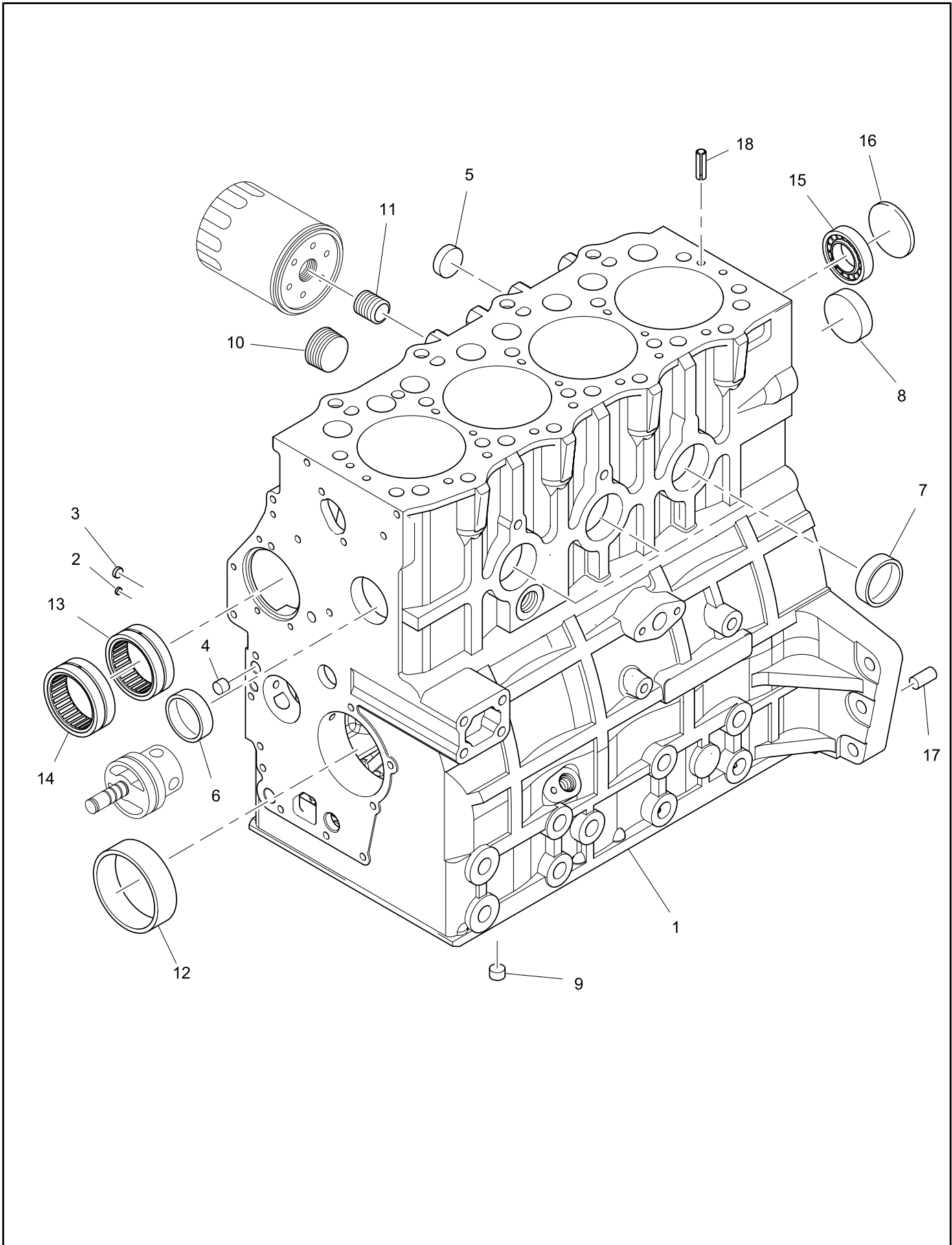
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Symbols and Notes

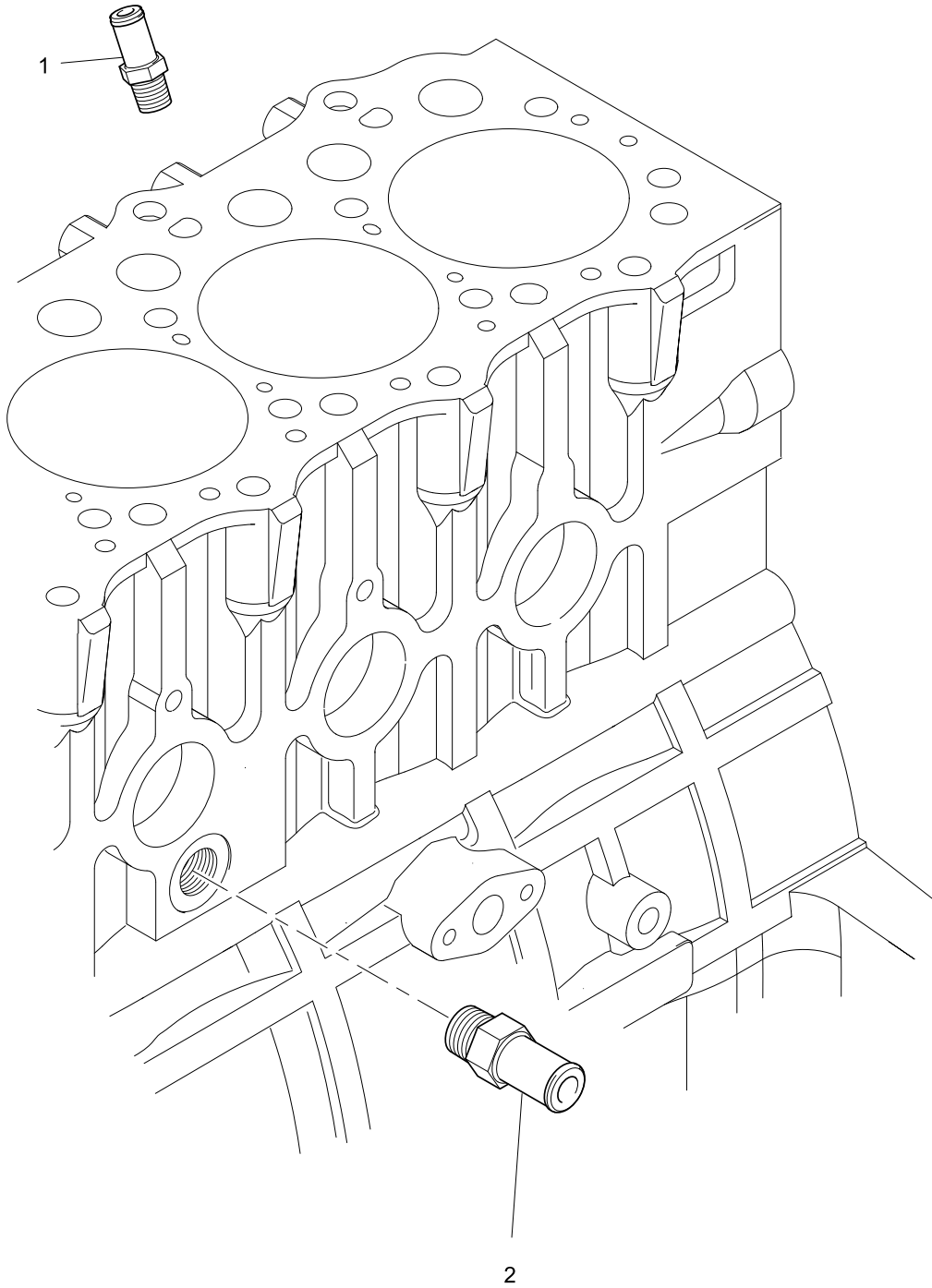
Symbol	Description
	From Engine Number
	Upto Engine Number
	Repairs and Replaces
	See Appropriate Section - Reference Number
	Alternative
	Order
	Remanufactured Part
	New for Old Part
	Number of Teeth
	Thickness
	Bottom
	Top
	Left Hand
	Right Hand
	Reference for Detailed Breakdown
	Other Service Options Available
	Cylinder Number
	See History Section



Cylinder Block	Plate A
	5412238

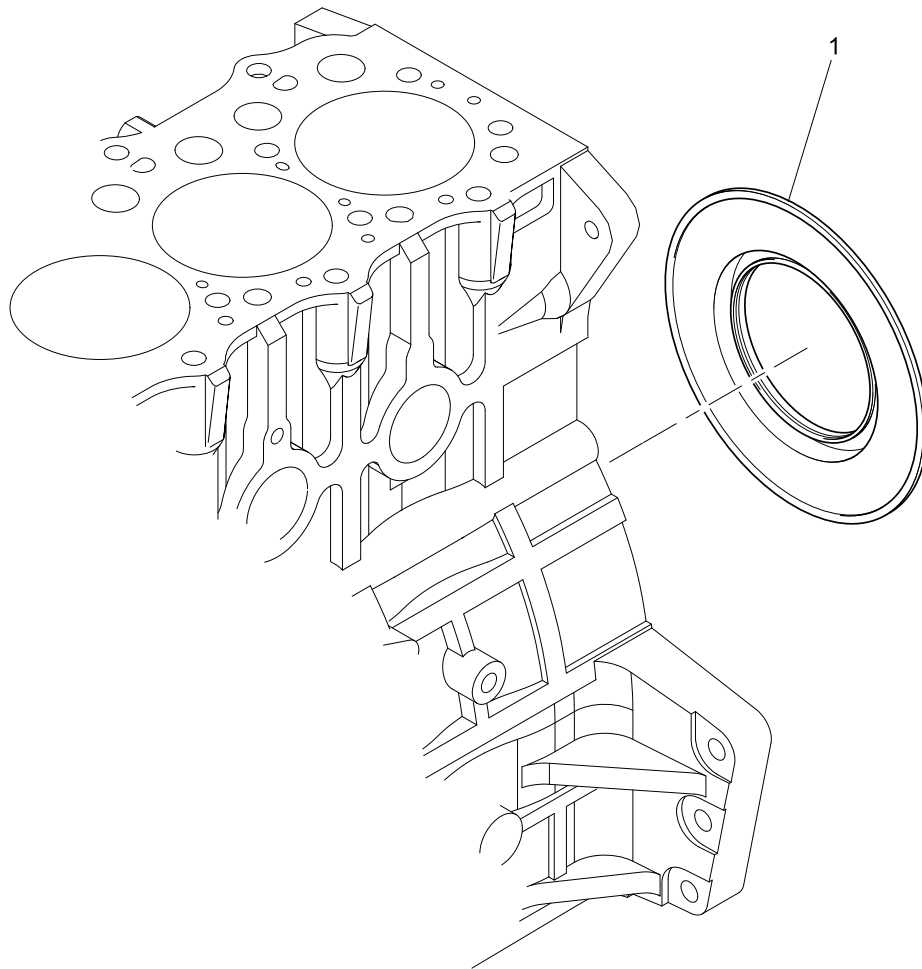
Item	Part No.	References	Qty.	Description	Notes
1			1	CYLINDER BLOCK ASSEMBLY	(1)
2	198466940		4	PLUG	
3	198466010		3	PLUG	
4	198466020		2	PLUG	
5	064210025	↖	2	PLUG	
6	064209055		1	PLUG	
7	064209055		3	PLUG	
8	064209055		1	PLUG	
9	198466920		2	PLUG	
10	T420246		1	PLUG	
11	140546020		1	CONNECTION	
12	198517222	Ⓢ	1	BUSH	
13	042309017		1	NEEDLE BEARING	
14	042309018		1	NEEDLE BEARING	
15	040106203		1	BALL BEARING	
16	064100045		1	PLUG	
17	030501025		2	DOWEL	
18	T30309005		2	SPRING PIN	
Service Options					
12	198517226	⅜ (-)0.25MM	1	BUSH	
12	198517229	⅜ (-)0.50MM	1	BUSH	

Footnotes	
(1)	SERVICE BY COMPLETE ENGINE



Cylinder Block	Plate B
	5412238

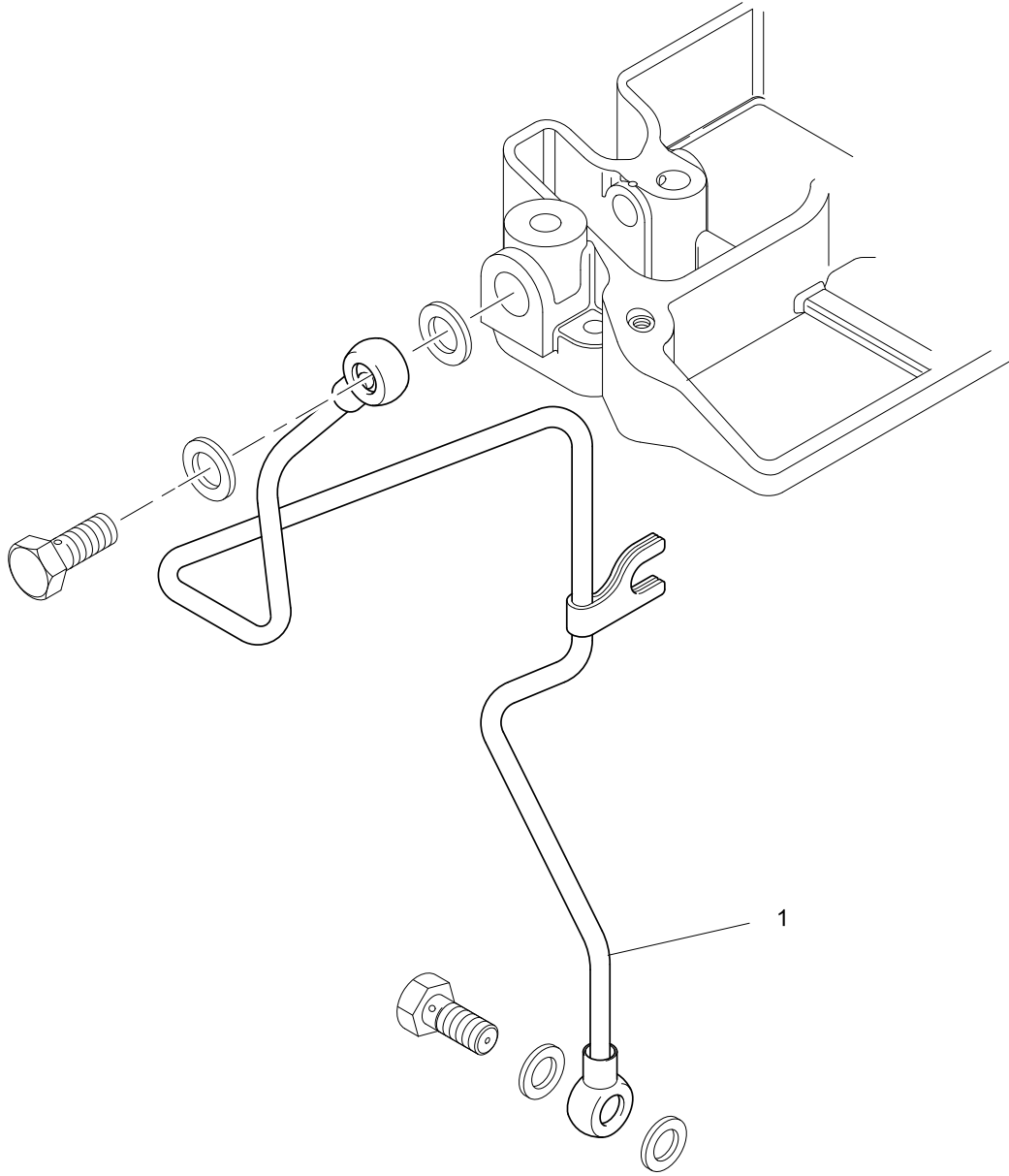
Item	Part No.	References	Qty.	Description	Notes
1	340674010		1	ADAPTOR	
2	198487890		1	CONNECTION	



Rear End Oil Seal	Plate A
	5412238

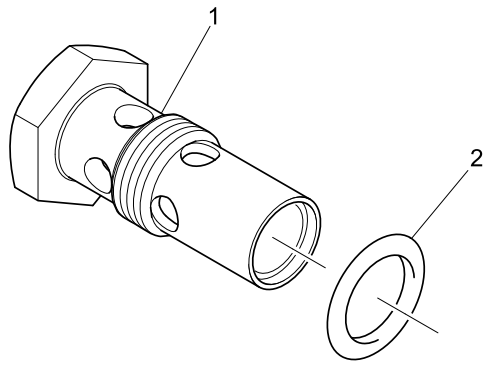
Item	Part No.	References	Qty.	Description	Notes
1	050209083		1	SEAL - REAR END OIL	

Footnotes



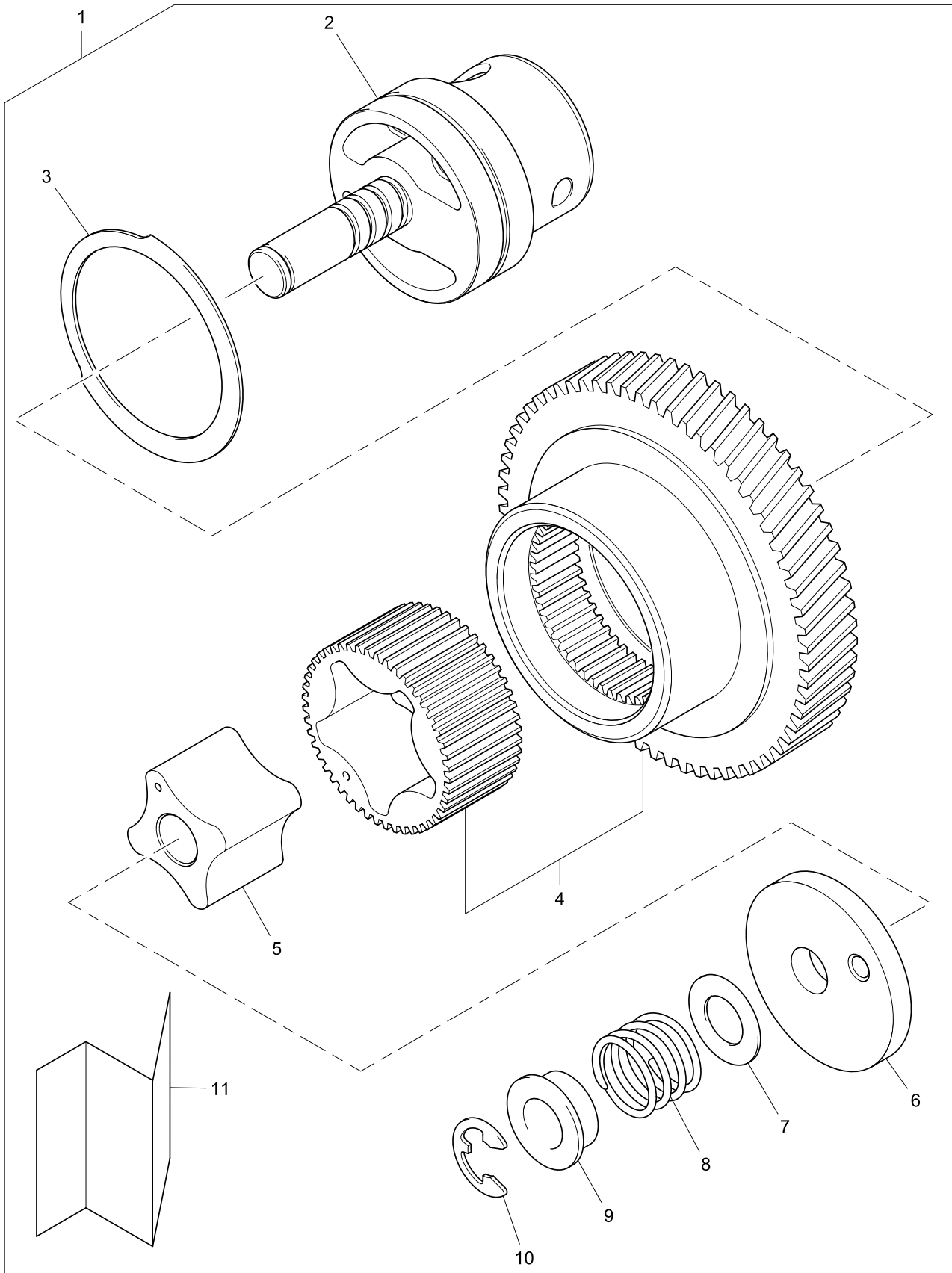
Pipes	Plate A
	5412238

Item	Part No.	References	Qty.	Description	Notes
1	140607720		1	PIPE - OIL	




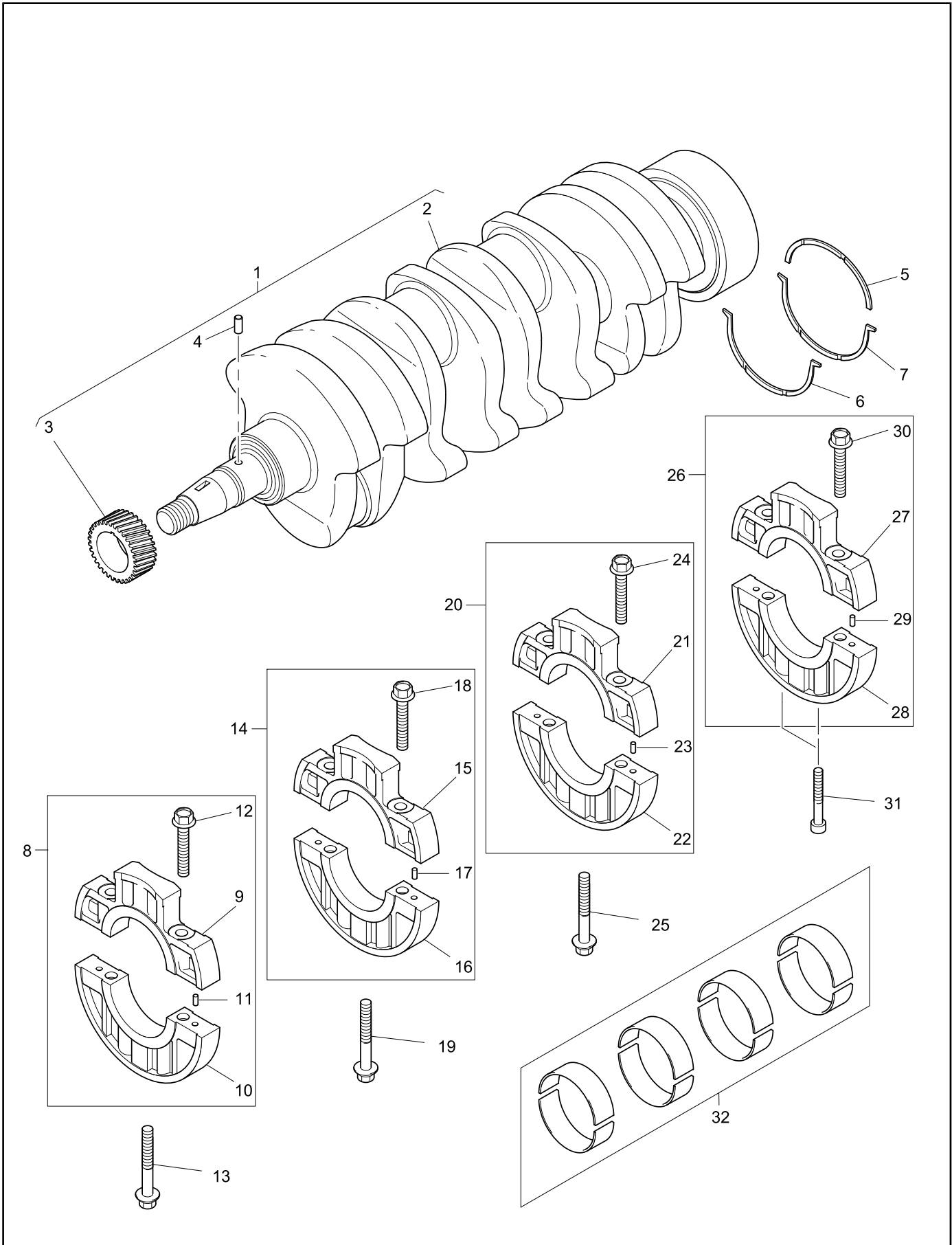
Relief Valve	Plate A
	5412238

Item	Part No.	References	Qty.	Description	Notes
1	140036220		1	RELIEF VALVE	
2	052109078		1	SEAL - O RING	

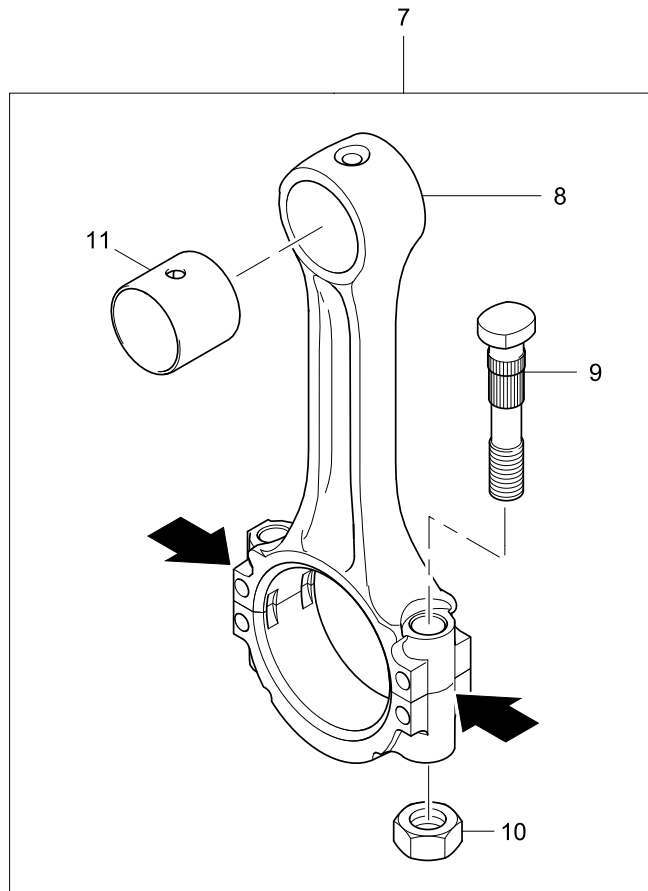
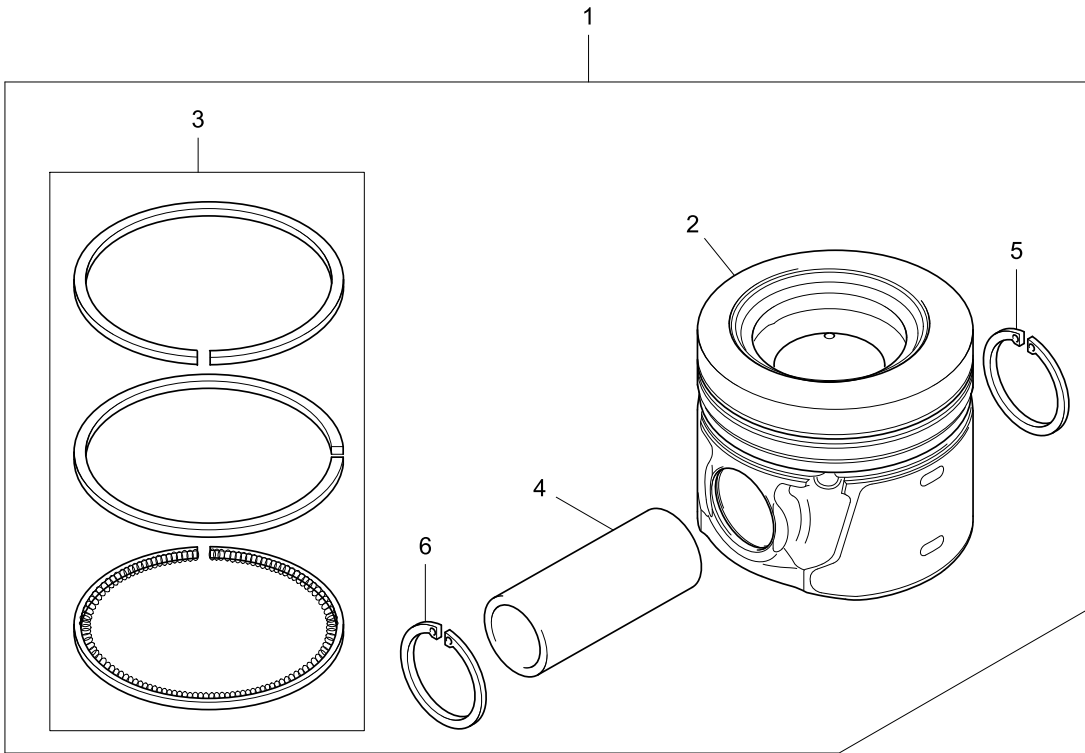


Oil Pump	Plate A
	5412238

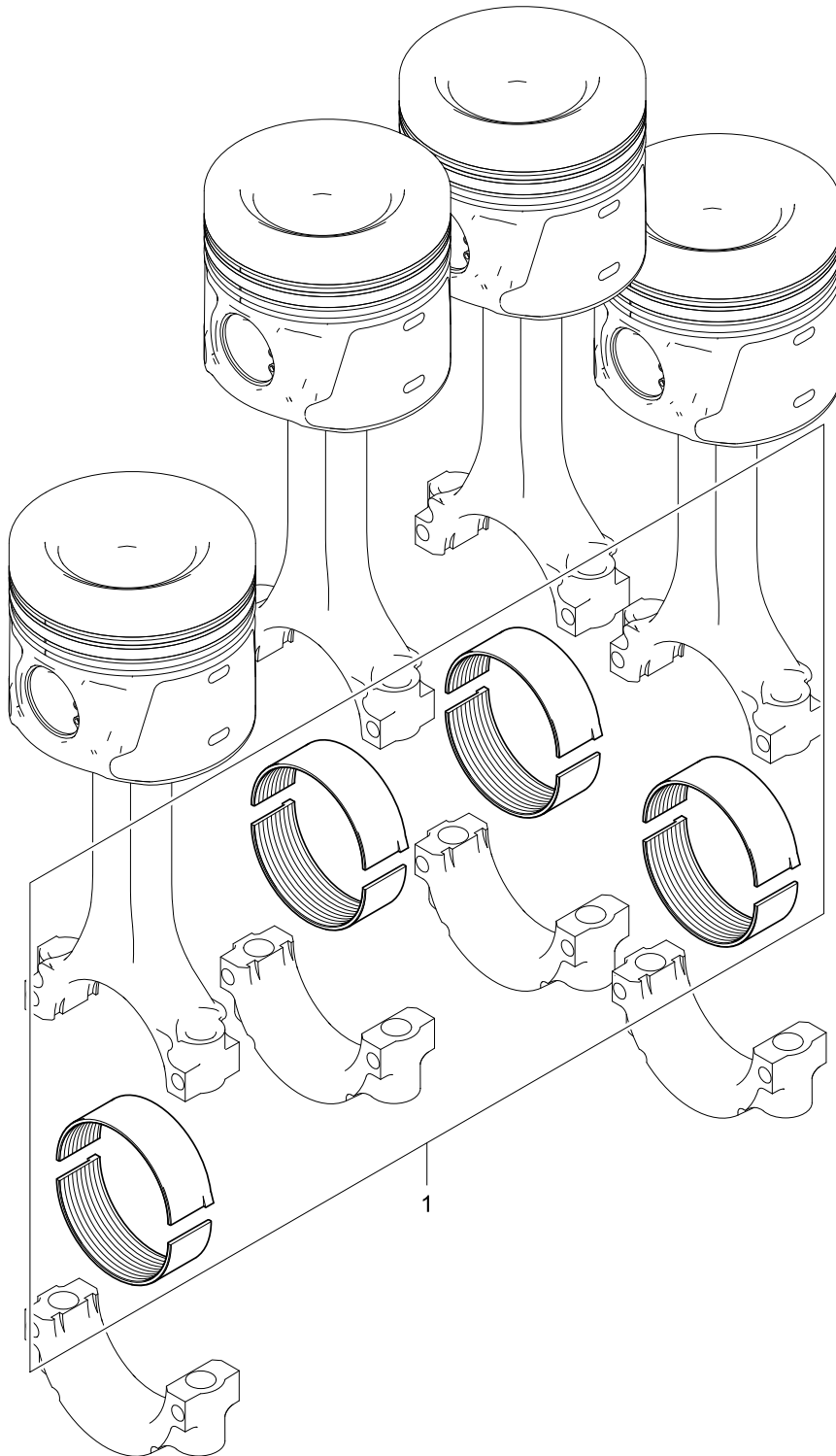
Item	Part No.	References	Qty.	Description	Notes
1	T431279		1	OIL PUMP KIT	
2		 ⇒ T431279	1	DRIVE SHAFT	
3	199266270		1	THRUST WASHER	
4		⇒ T431279	1	IDLER GEAR	
5		⇒ T431279	1	ROTOR	
6	140116220		1	COVER	
7	199286340		1	SHIM KIT	
8	198216720		1	SPRING	
9	199236540		1	COLLAR	
10	036800010		1	CIRCLIP	
11			1	LEAFLET	




Item	Part No.	References	Qty.	Description	Notes
1	T430998		1	CRANKSHAFT ASSEMBLY	
2		⇒ T430998	1	CRANKSHAFT	
3	U15276270		1	CRANKSHAFT GEAR	
4	030509020		1	KEY	
5	199266210		1	THRUST WASHER	
6	199266200		1	THRUST WASHER	
7	199266200		1	THRUST WASHER	
8	110156360		1	BEARING HOLDER ASSEMBLY	
9		⇒ 110156360	1	CAP	
10		⇒ 110156360	1	CAP	
11	030500612		2	DOWEL	
12	010109406		2	SCREW	
13	2314J011		1	SCREW	
14	110156370		1	BEARING HOLDER ASSEMBLY	
15		⇒ 110156370	1	CAP	
16		⇒ 110156370	1	CAP	
17	030500612		2	DOWEL	
18	010109406		2	SCREW	
19	2314J011		1	SCREW	
20	110156380		1	BEARING HOLDER ASSEMBLY	
21		⇒ 110156380	1	CAP	
22		⇒ 110156380	1	CAP	
23	030500612		2	DOWEL	
24	010109406		2	SCREW	
25	2314J011		1	SCREW	
26	110156390		1	BEARING HOLDER ASSEMBLY	
27		⇒ 110156390	1	CAP	
28		⇒ 110156390	1	CAP	
29	030500612		2	DOWEL	
30	010109406		2	SCREW	
31	010700860		2	BOLT	
32	U5MB0025	↔	1	MAIN BEARING KIT	
Service Options					
32	U5MB0025A	↔ (-) 0.25MM	1	MAIN BEARING KIT	

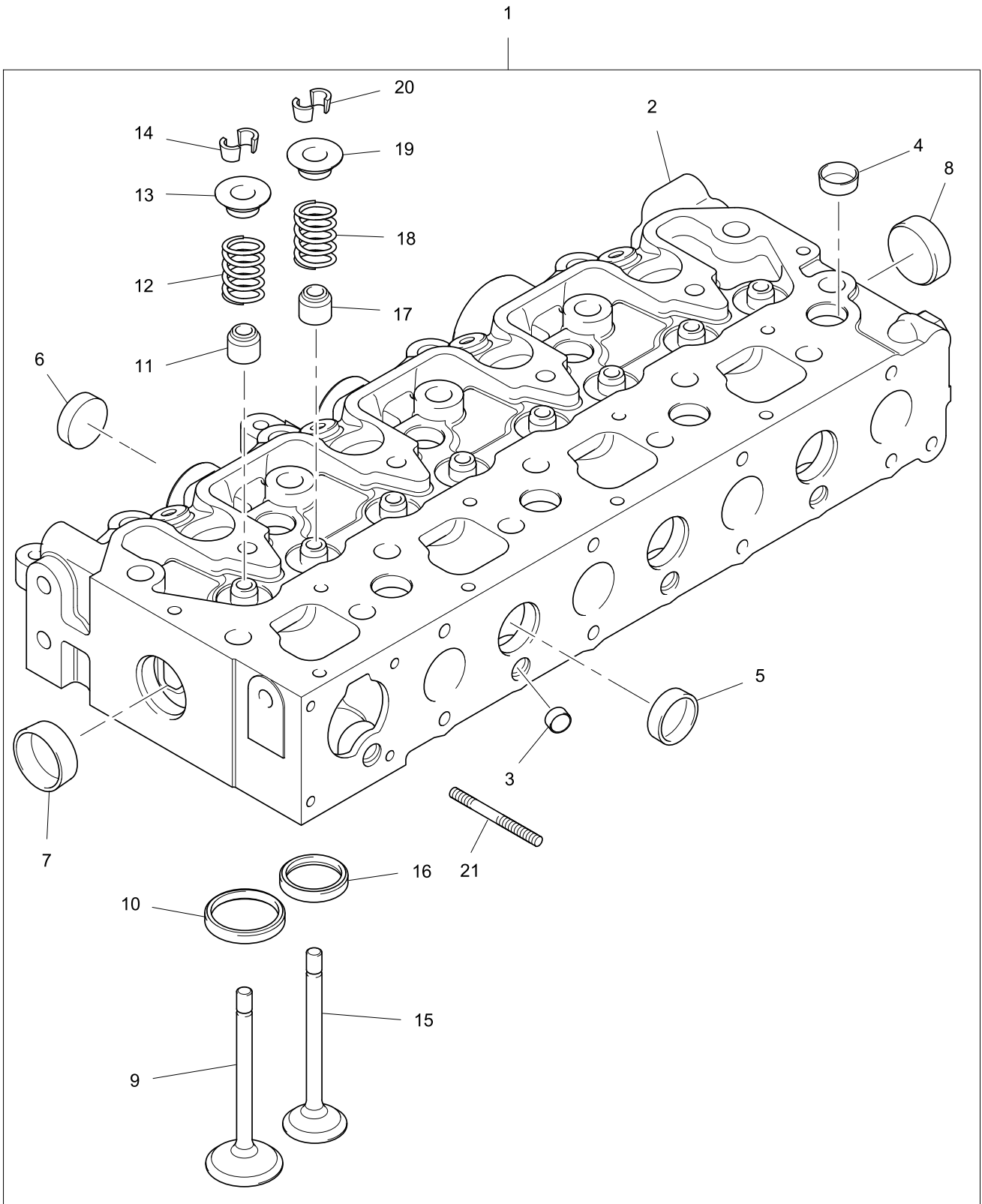


Item	Part No.	References	Qty.	Description	Notes
1	T432028		4	PISTON AND RING KIT	
2		⇒ T432028	1	PISTON	
3	T432033		1	PISTON RING KIT	
4	T432047		1	GUDGEON PIN	
5	036500028		1	CIRCLIP	
6	036500028		1	CIRCLIP	
7	115026390		4	CON ROD ASSEMBLY	
8		⇒ 115026390	1	CON ROD	
9	115176140		2	CON ROD BOLT	
10	020109120		2	CON ROD NUT	
11	198517645		1	BUSH	



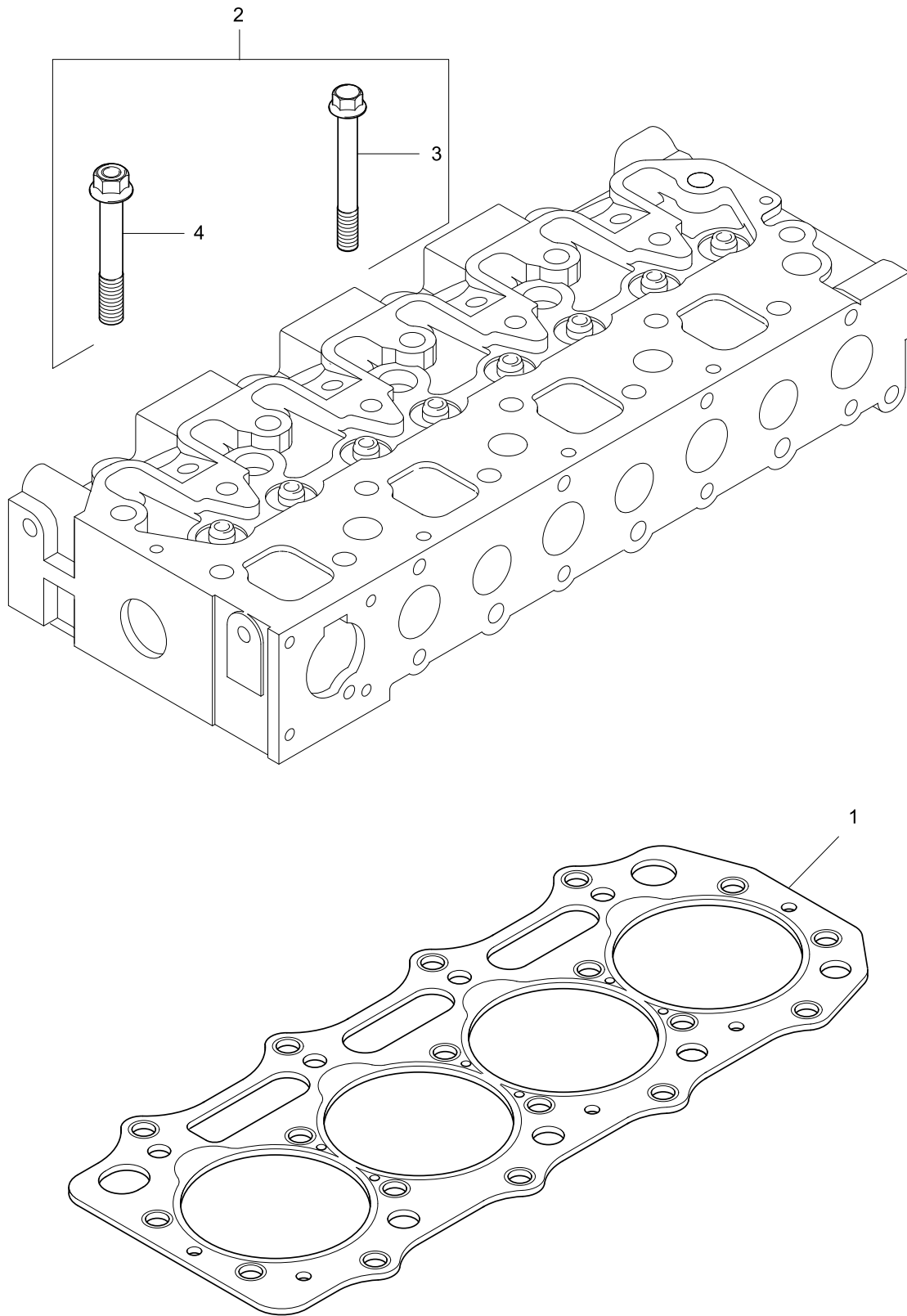
Pistons & Connecting Rods	Plate B
	5412240

Item	Part No.	References	Qty.	Description	Notes
1	T402620		1	BIG END BEARING KIT	
Service Options					
1	U5ME0030A	$\frac{+}{-} (-)0.25\text{MM}$	1	BIG END BRG KIT - U/S	
1	U5ME0030B	$\frac{+}{-} (-)0.50\text{MM}$	1	BIG END BRG KIT - U/S	



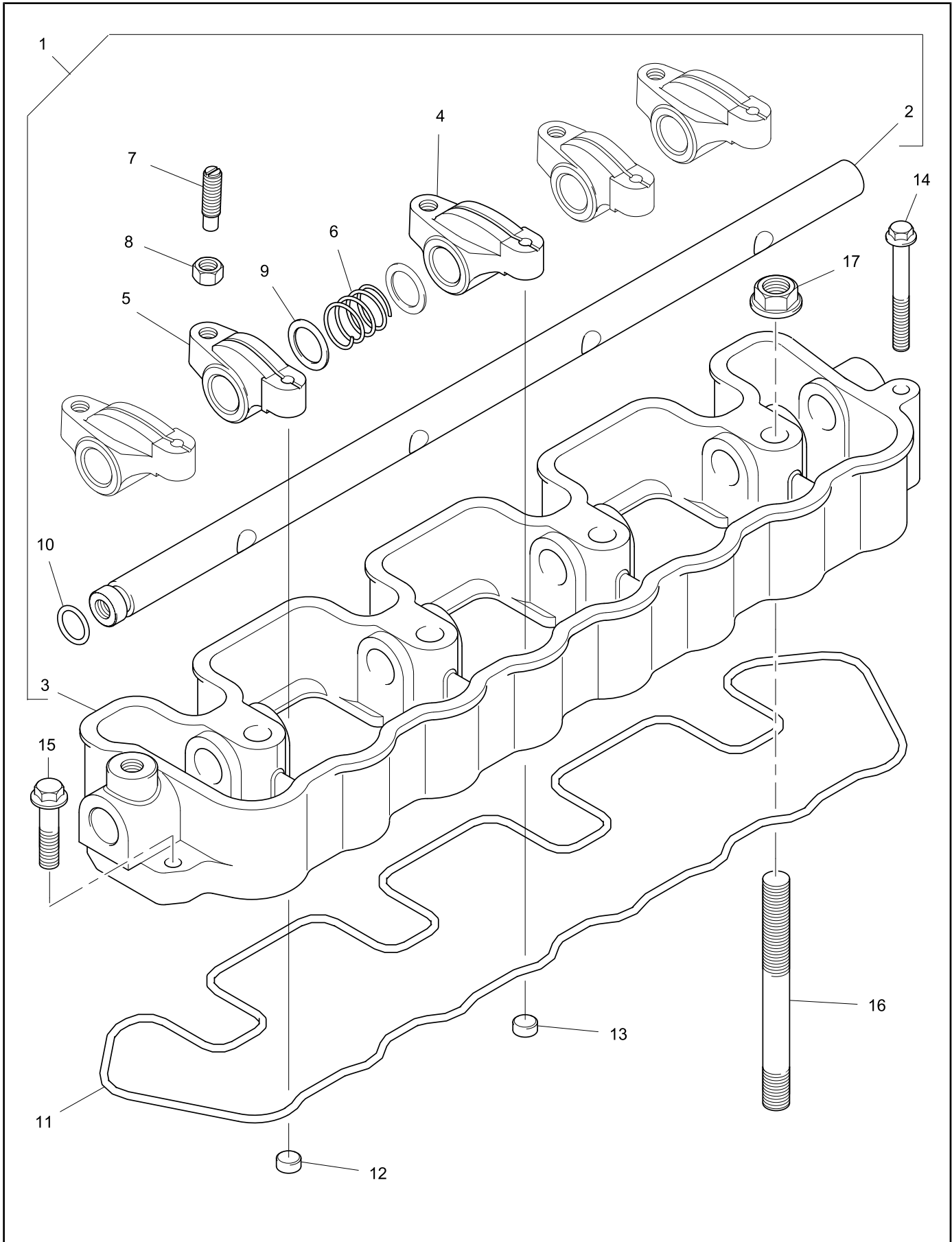
Cylinder Head	Plate A
	5285595


Item	Part No.	References	Qty.	Description	Notes
1	T432006		1	CYLINDER HEAD ASSEMBLY	
2		⇒ T432006	1	CYLINDER HEAD	
3	064210010	↔	3	PLUG	
4	064210018	↔	7	PLUG	
5	064210025	↔	3	PLUG	
6	064210025	↔	2	PLUG	
7	064210030	↔	1	PLUG	
8	064210030	↔	1	PLUG	
9	U20166400		4	INTAKE VALVE	
10	110136560		4	VALVE SEAT INSERT	
11	U20406140		4	SEAL - VALVE STEM	
12	198217470	↔	4	VALVE SPRING	
13	120186080		4	CAP	
14	120226070		4	VALVE COLLET	
15	U20176420		4	EXHAUST VALVE	
16	110136570		4	VALVE SEAT INSERT	
17	U20406140		4	SEAL - VALVE STEM	
18	198217470	↔	4	VALVE SPRING	
19	120186080		4	CAP	
20	120226070		8	VALVE COLLET	
21	012110655		2	STUD	




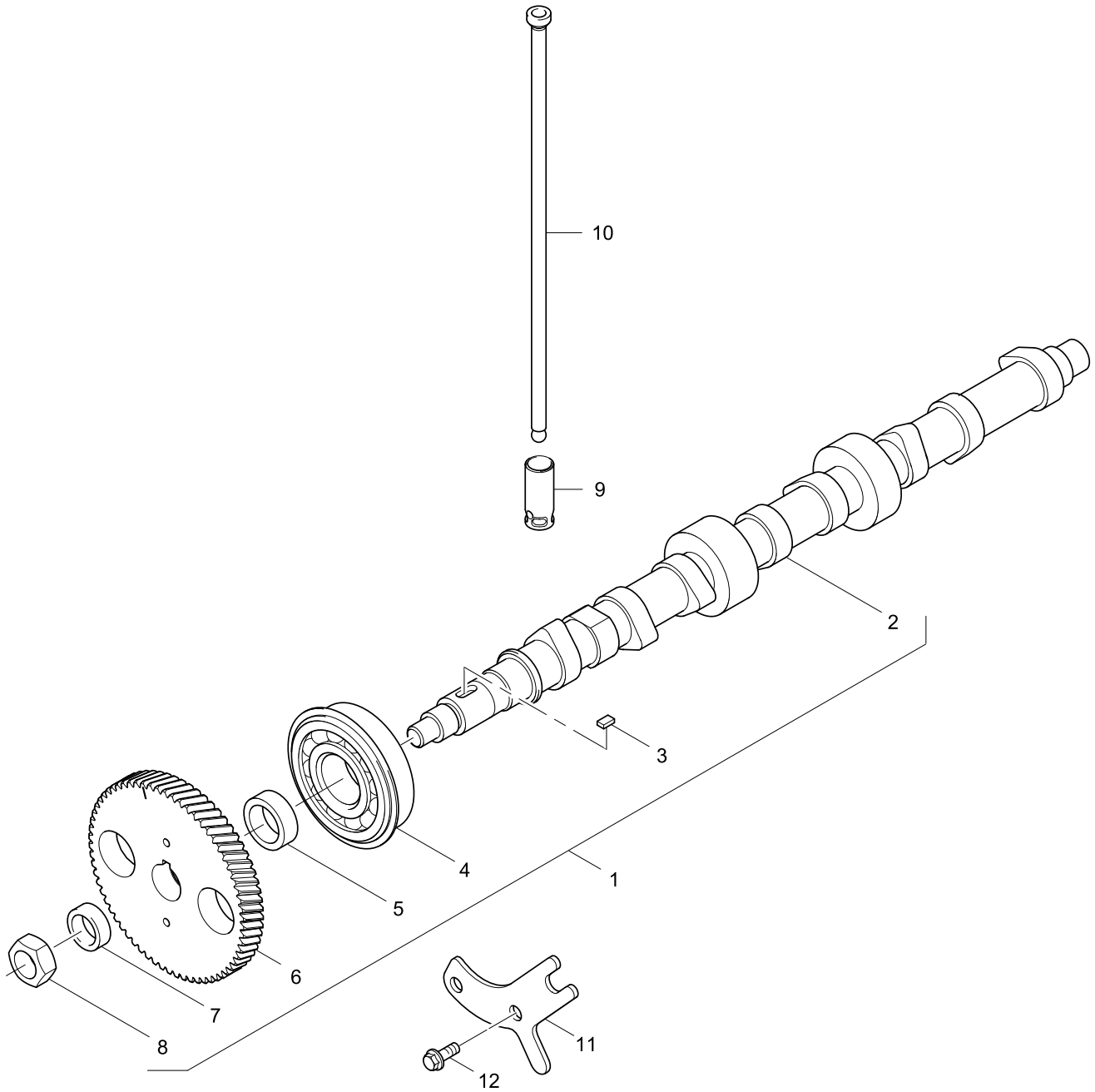
Cylinder Head	Plate B
	5285595

Item	Part No.	References	Qty.	Description	Notes
1		Ⓢ	1	GASKET - CYLINDER HEAD	
2	T427106		1	CYLINDER HEAD BOLT	
3	T432083		14	BOLT	
4	T432082		4	BOLT	
Service Options					
1	111147771	⚖ 1.3MM	1	GASKET - CYLINDER HEAD	1.3MM
1	111147761	⚖ 1.2MM	1	GASKET - CYLINDER HEAD	1.2MM
1	111147751	⚖ 1.1MM	1	GASKET - CYLINDER HEAD	1.1MM
1	111147780	⚖ 1.5MM	1	GASKET - CYLINDER HEAD	1.5MM



Item	Part No.	References	Qty.	Description	Notes
1	120036393		1	ROCKER BOX ASSEMBLY	
2	120316201		1	ROCKER SHAFT	
3	120346341		1	BRACKET	
4	120356131		4	ROCKER ARM ASSEMBLY	
5	120356141		4	ROCKER ARM ASSEMBLY	
6	198217170		3	ROCKER SHAFT SPRING	
7	199486220		8	SCREW	
8	020109076		8	NUT	
9	199280300		6	WASHER	
10	052109076		1	SEAL - O RING	
11	U20996250		1	SEAL - ROCKER BOX	
12	120216041		4	VALVE SPRING CAP	
13	120216041		4	VALVE SPRING CAP	
14	2314F011		1	SCREW	
15	011310625	 a.	1	SCREW	
16	012109044		4	STUD	
17	023100010		4	NUT	

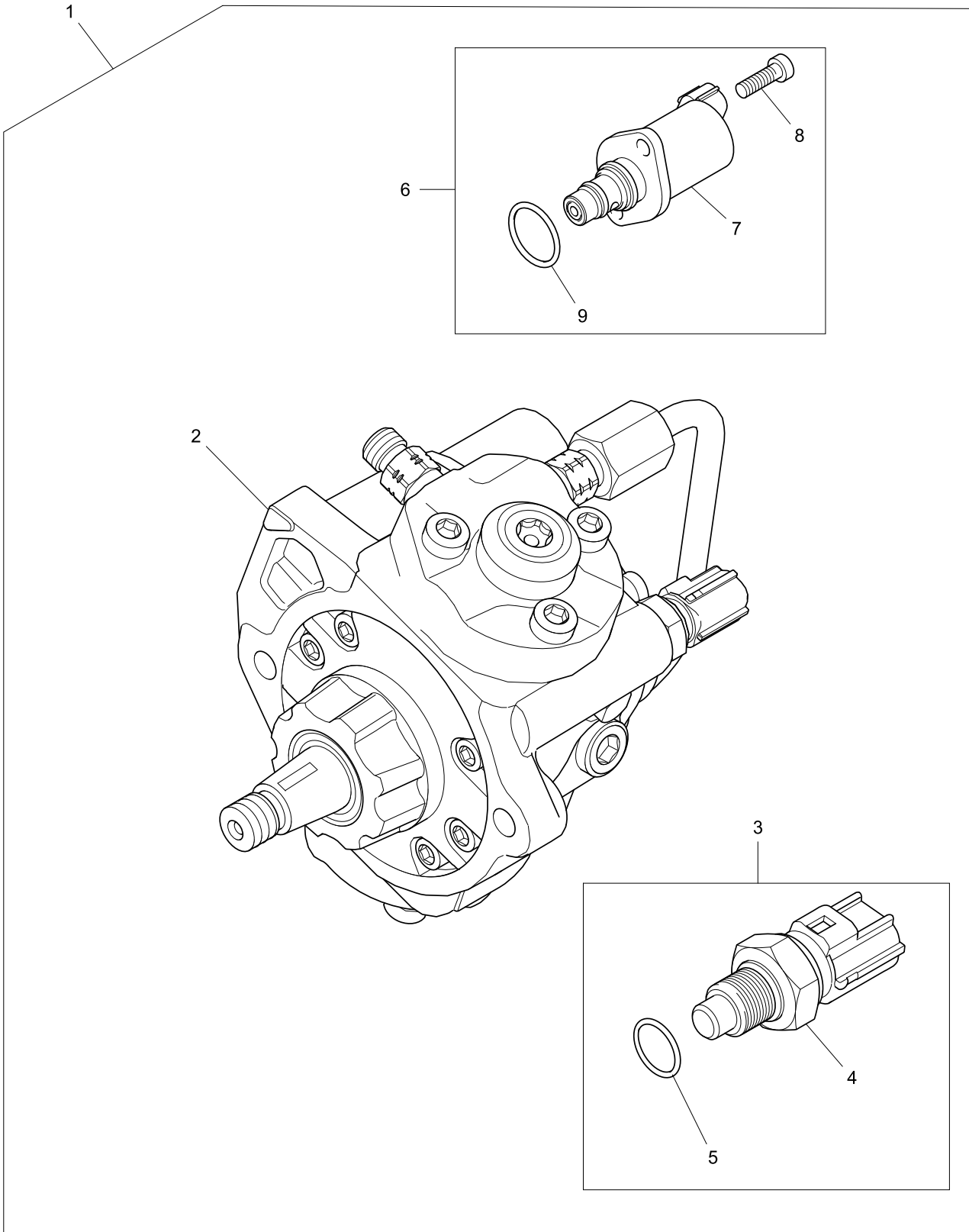
History					
a.					
	012110625		1	STUD	
15	023100006		1	NUT	
b.					
	120346262		1	BRACKET	



Camshaft	Plate A
	4458627

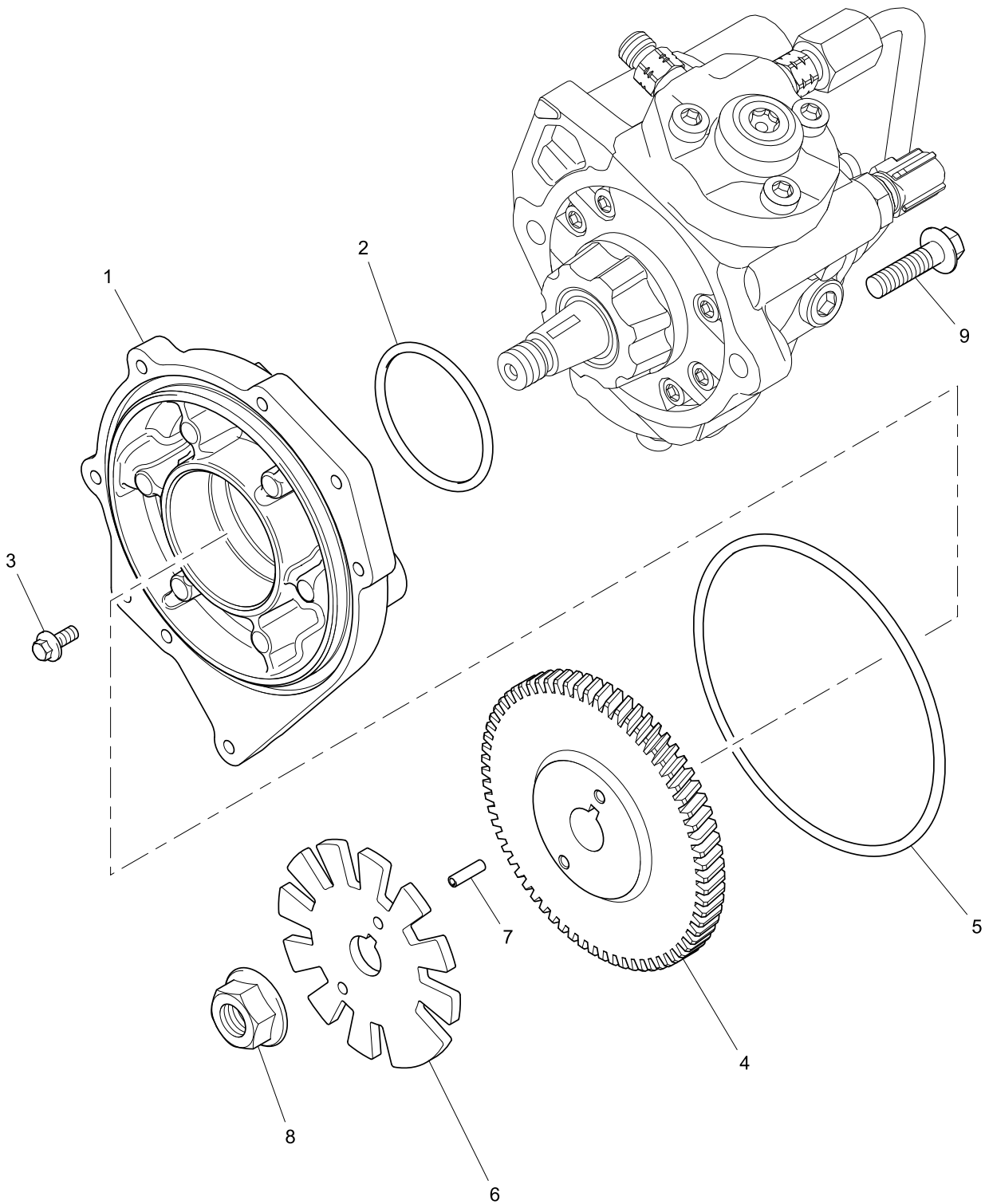
Item	Part No.	References	Qty.	Description	Notes
1	120027150		1	CAMSHAFT	
2		⇒ 120027150	1	CAMSHAFT	
3	034100508		1	KEY	
4	040109057		1	BALL BEARING	
5	199216360		1	SPACER	
6	U20276230	ⓐ b.	1	CAMSHAFT GEAR	
7	U99216320		1	SPACER	
8	020800016		1	NUT	
9	U20116160	ⓐ c.	8	TAPPET	
10	120456311	ⓐ a. c.	8	PUSHROD	
11	199566750		1	PLATE	
12	2314F001	ⓐ c.	2	SCREW	

History					
a.					
10	120456310		8	PUSHROD	
b.					
6	120276230		1	CAMSHAFT GEAR	
c.					
9	U20116160		1	TAPPET	
10	120456310		1	PUSHROD	
12	2314F001		1	SCREW	

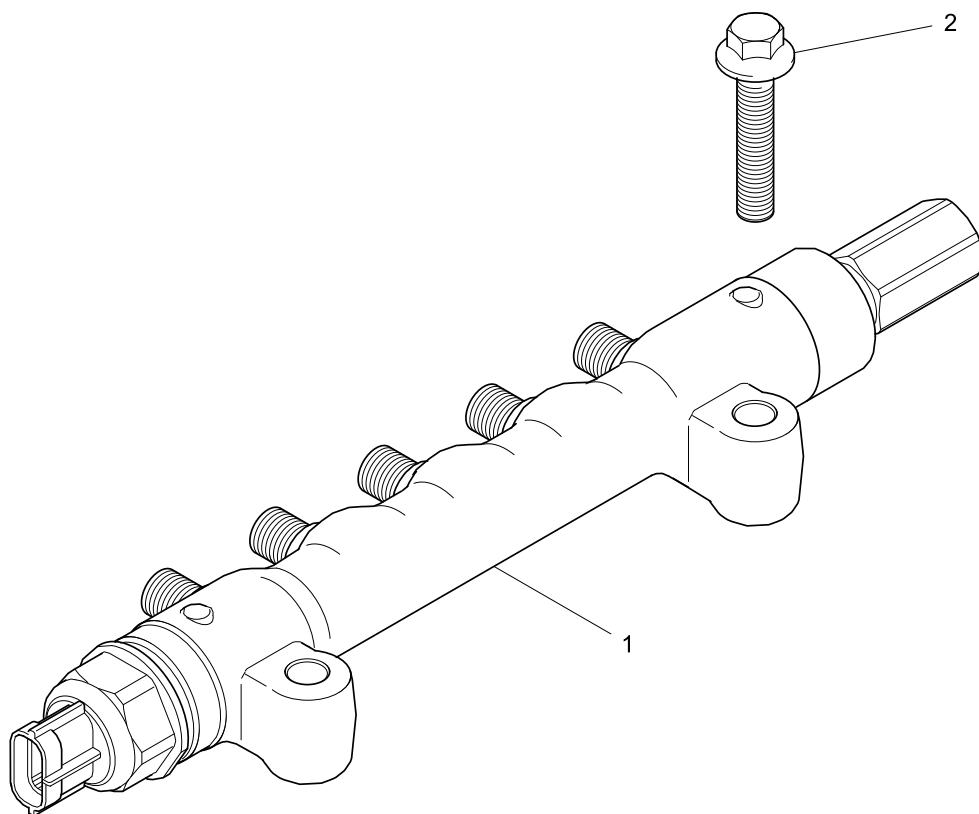


High Pressure Fuel Pump	Plate A
	5412241

Item	Part No.	References	Qty.	Description	Notes
1	T432111		1	HIGH PRESSURE FUEL PUMP	
2		⇒ T432111	1	HIGH PRESSURE FUEL PUMP	
3	T405451		1	TEMPERATURE SENSOR	
4		⇒ T405451	1	TEMPERATURE SENSOR	
5		⇒ T405451	1	O RING	
6	131296979		1	FUEL INJECTION PUMP KIT	
7		⇒ 131296979	1	VALVE	
8		⇒ 131296979	2	SCREW	
9		⇒ 131296979	1	O RING	

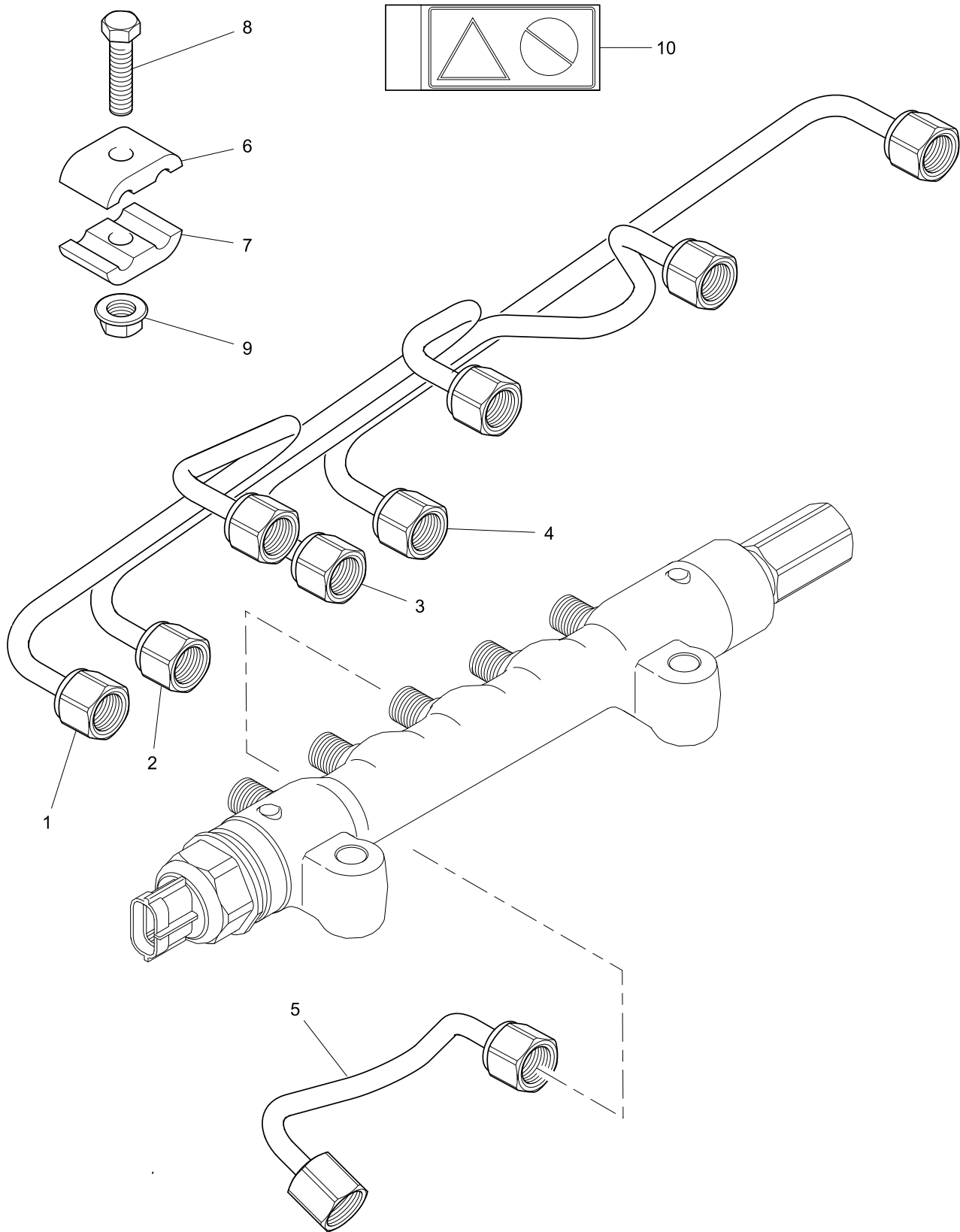


Item	Part No.	References	Qty.	Description	Notes
1	T428531		1	FLANGE	
2	052400500		1	SEAL	
3	2314F003		2	SCREW	
4	T432046		1	GEAR	
5	052301150		1	SEAL	
6	T432087		1	TIMING DEVICE	
7	030300414		2	PIN	
8	023109011		1	NUT	
9	2314H005		2	SCREW	

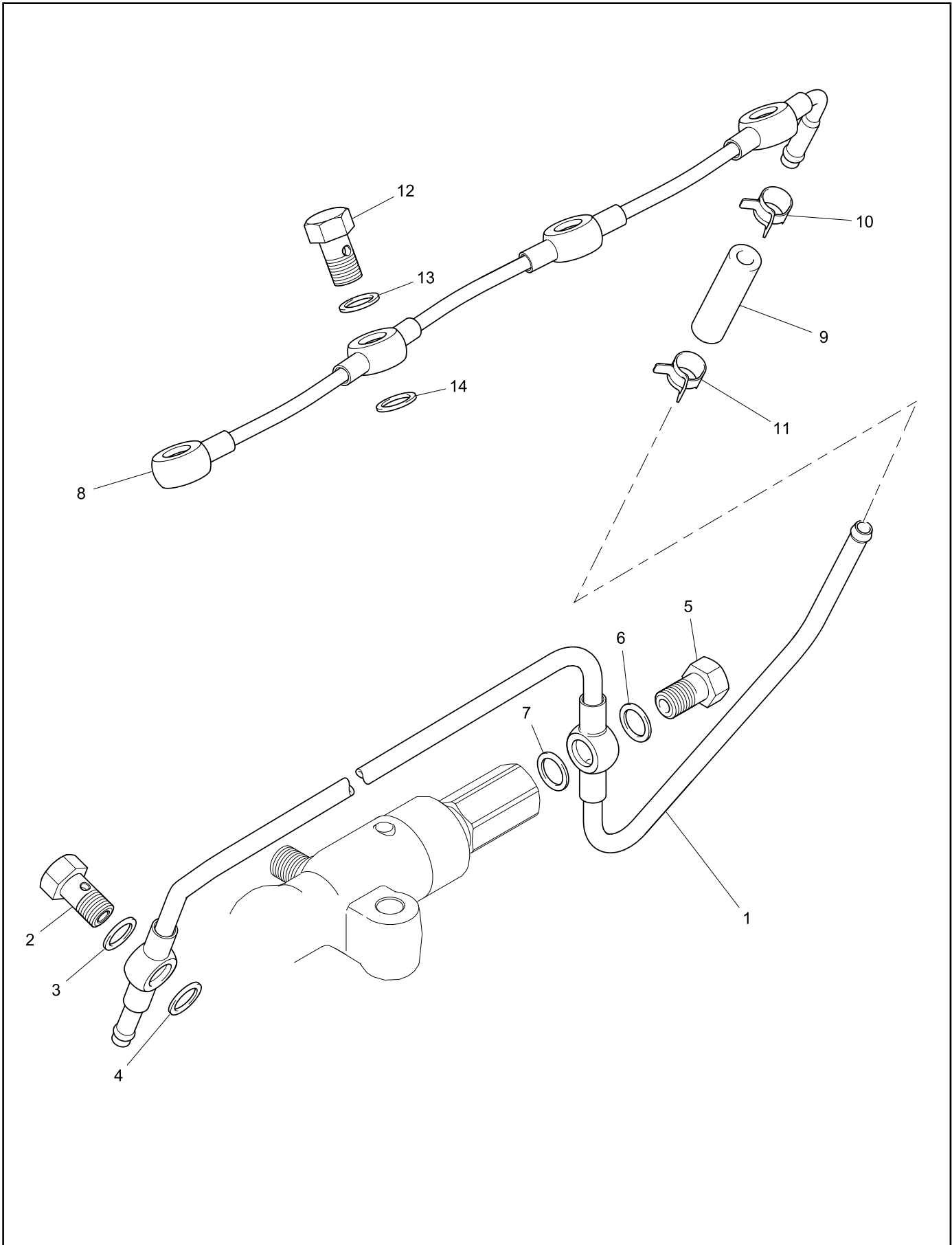


Fuel Rail	Plate A
	5412241

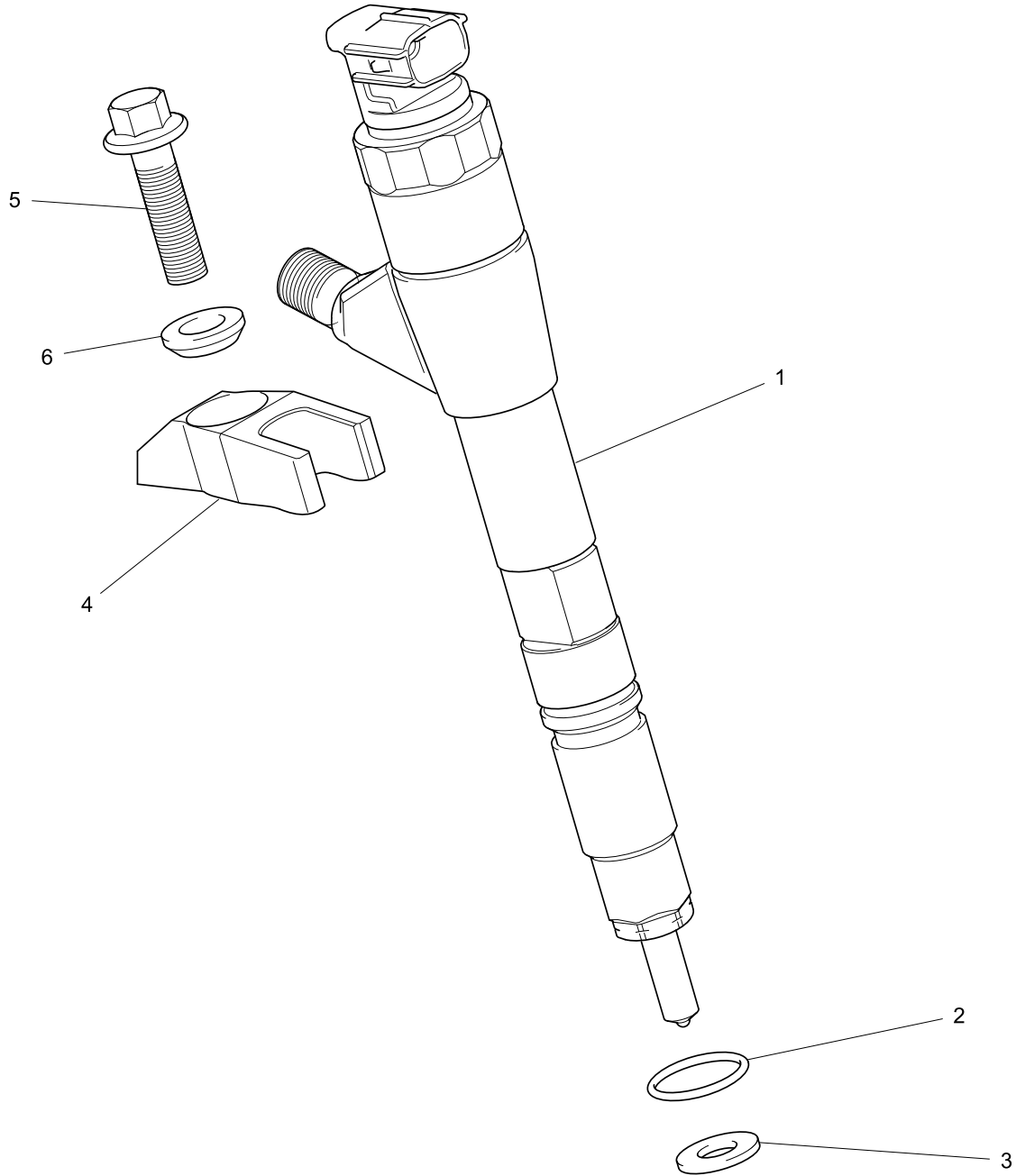
Item	Part No.	References	Qty.	Description	Notes
1	T432112		1	FUEL RAIL	
2	2314H007		2	SCREW	



Item	Part No.	References	Qty.	Description	Notes
1	131501080		1	PIPE - FUEL INJ NO 1 CYL	
2	131501090		1	PIPE - FUEL INJ NO 2 CYL	
3	131501100		1	PIPE - FUEL INJ NO 3 CYL	
4	131501110		1	PIPE - FUEL INJ NO 4 CYL	
5	131501070		1	PIPE - FUEL	
6	199106021		2	CLAMP	
7	199106021		2	CLAMP	
8	010110625		2	SCREW	
9	023100006		2	NUT	
10	T407729		1	LABEL	

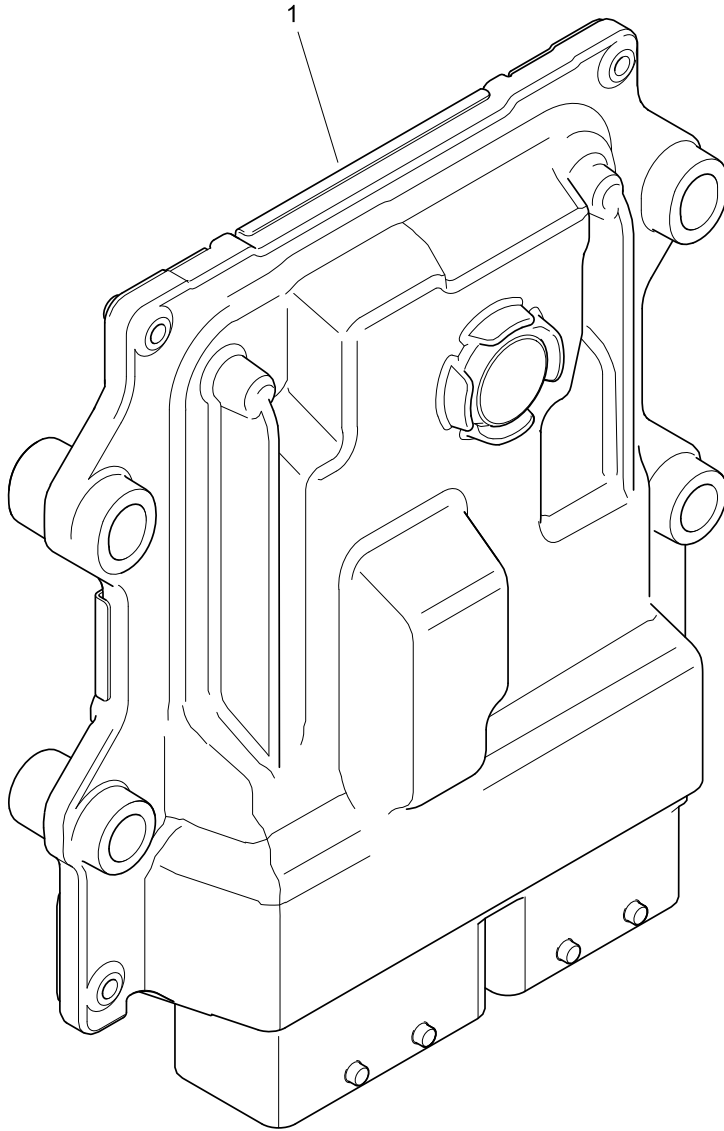


Item	Part No.	References	Qty.	Description	Notes
1	131607270		1	PIPE - LEAK OFF	
2	T431915		1	BANJO BOLT	
3	131426400		1	WASHER	
4	131426400		1	WASHER	
5	198481150		1	BANJO BOLT	
6	131426400		1	WASHER	
7	131426400		1	WASHER	
8	131607330		1	PIPE - LEAK OFF	
9	068209668		1	HOSE - FUEL	
10	067200100		1	CLIP	
11	067200100		1	CLIP	
12	T431915		4	BANJO BOLT	
13	131426400		4	WASHER	
14	131426400		4	WASHER	



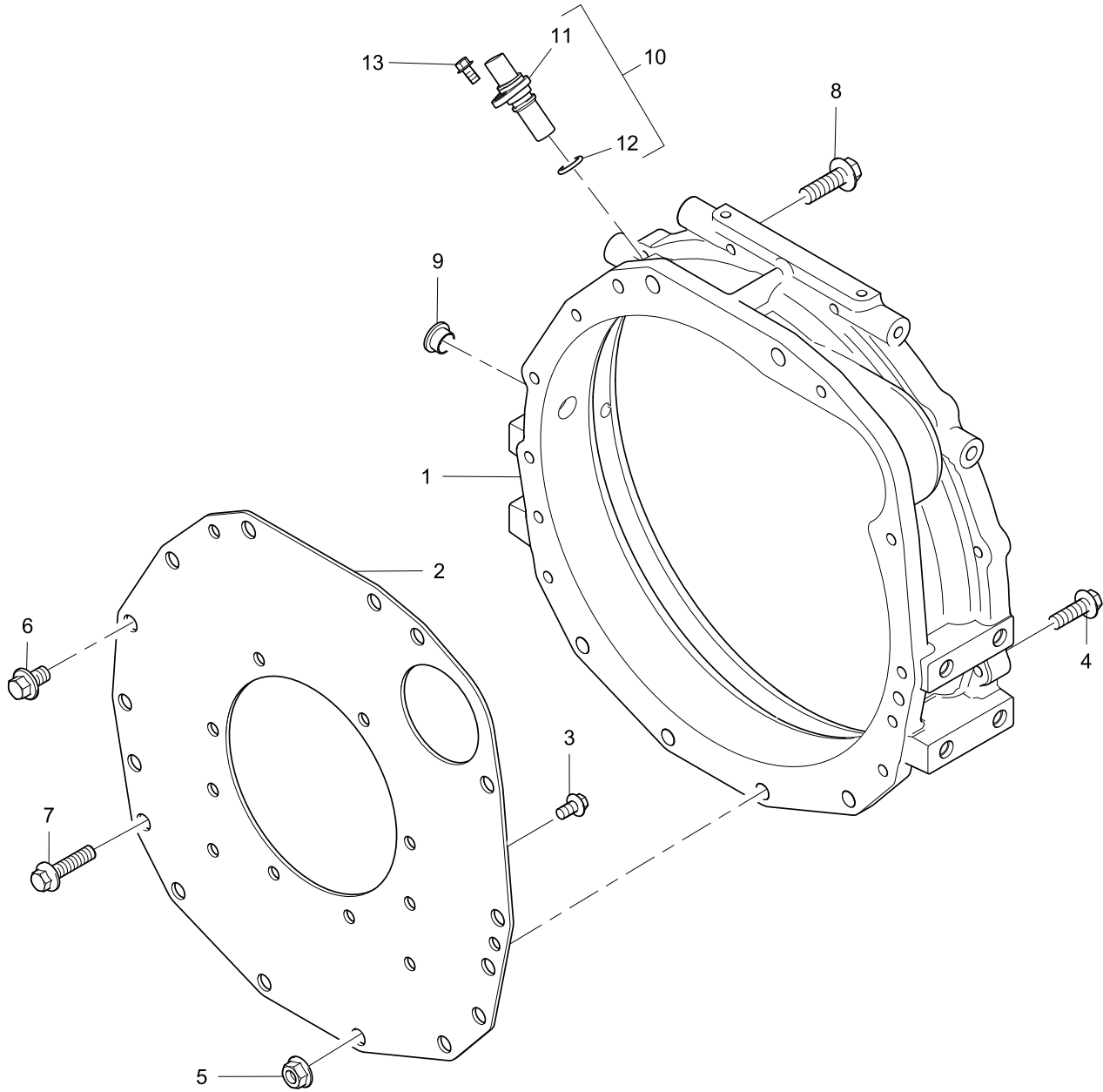
Atomisers	Plate A
	5412241

Item	Part No.	References	Qty.	Description	Notes
1	T432110		4	INJECTOR	
2	052400180		4	SEAL - O RING	
3	131996130		4	INJECTOR SEATING WASHER	
4	131566080		4	INJECTOR CLAMP	
5	2314H005		4	SCREW	
6	131576010		4	WASHER	

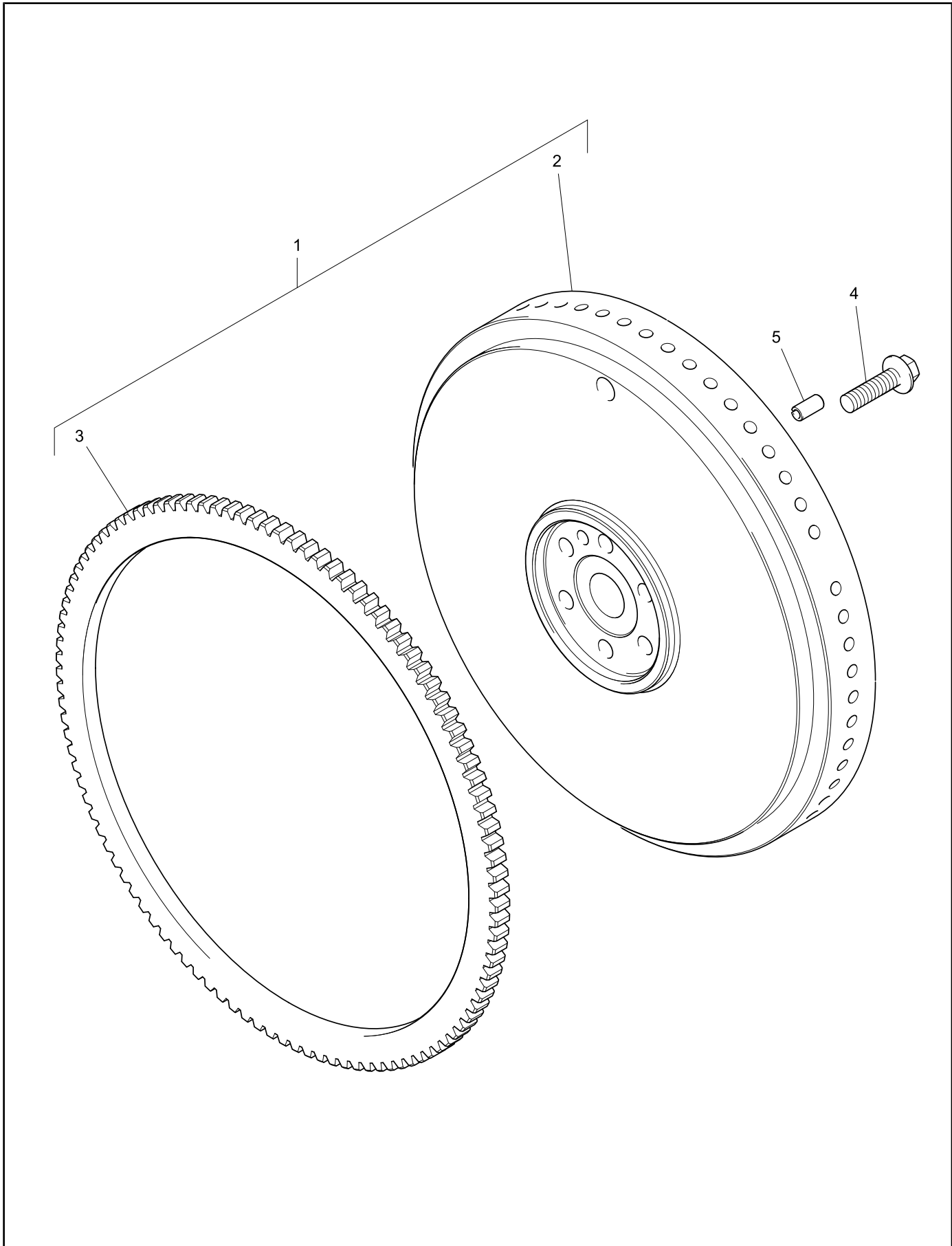


Engine Control Module	Plate A
	5242309

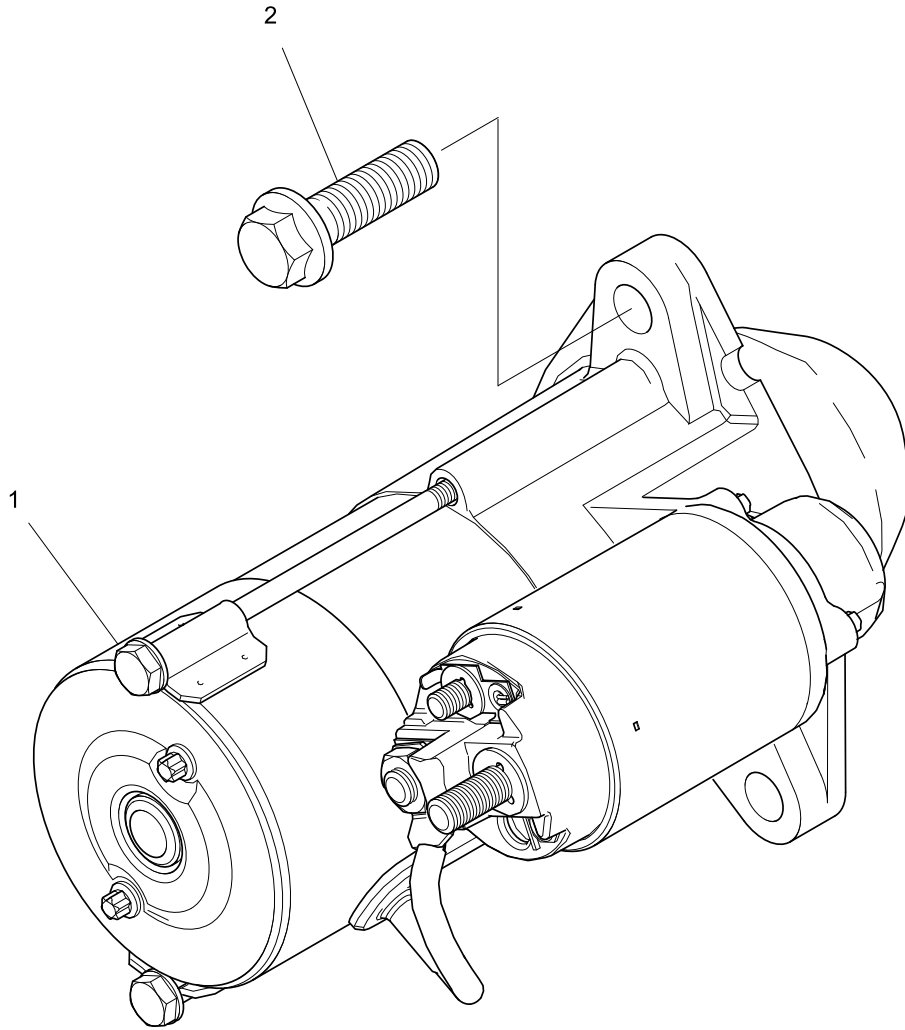
Item	Part No.	References	Qty.	Description	Notes
1	T432007		1	ENGINE CONTROL MODULE	



Item	Part No.	References	Qty.	Description	Notes
1	4794840		1	FLYWHEEL HOUSING	
2	110367570		1	BACKPLATE	
3	2314H102		10	SCREW	
4	2314J004		4	SCREW	
5	2318A604		4	NUT	
6	2314J001		2	SCREW	
7	2314J006		6	SCREW	
8	2314J604		2	SCREW	
9	2487646		1	PLUG	
10	T432003		1	SPEED SENSOR	
11		⇒ T432003	1	CRANKSHAFT SPEED SENSOR	
12	CH12649		1	SEAL - O RING	
13	2314F002		1	SCREW	

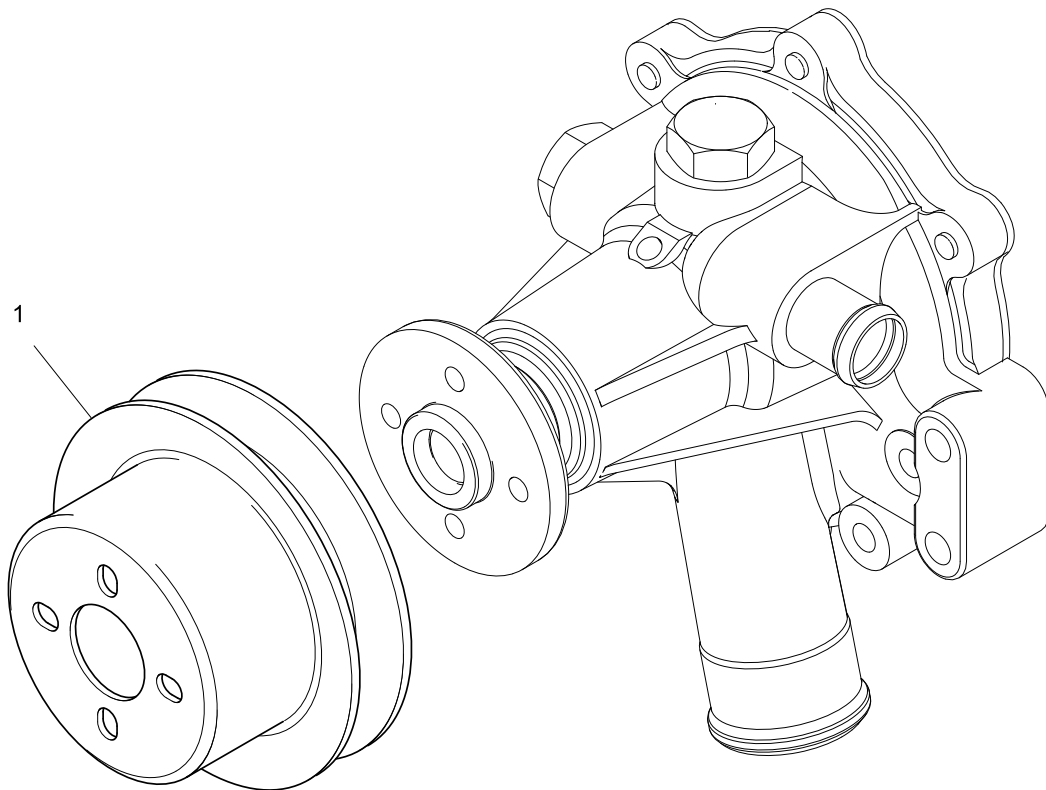


Item	Part No.	References	Qty.	Description	Notes
1	T432100		1	FLYWHEEL ASSEMBLY	
2		⇒ T432100	1	FLYWHEEL	
3	U15376160		1	STARTER RING	
4	010109341		6	BOLT	
5	030300816		1	PIN	



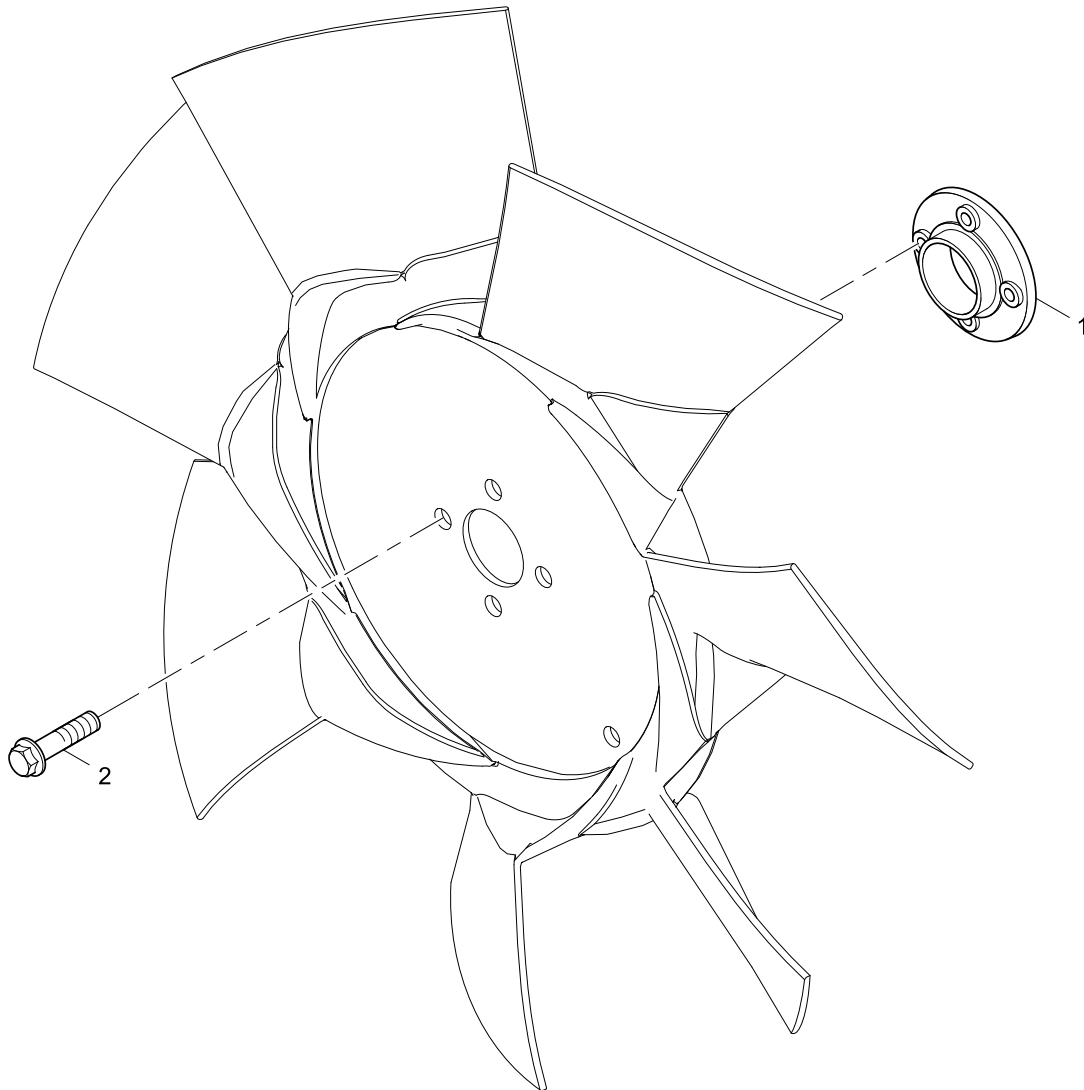
Starter Motor	Plate A
	3984818

Item	Part No.	References	Qty.	Description	Notes
1			1	STARTER MOTOR	
2	2314J004		2	SCREW	



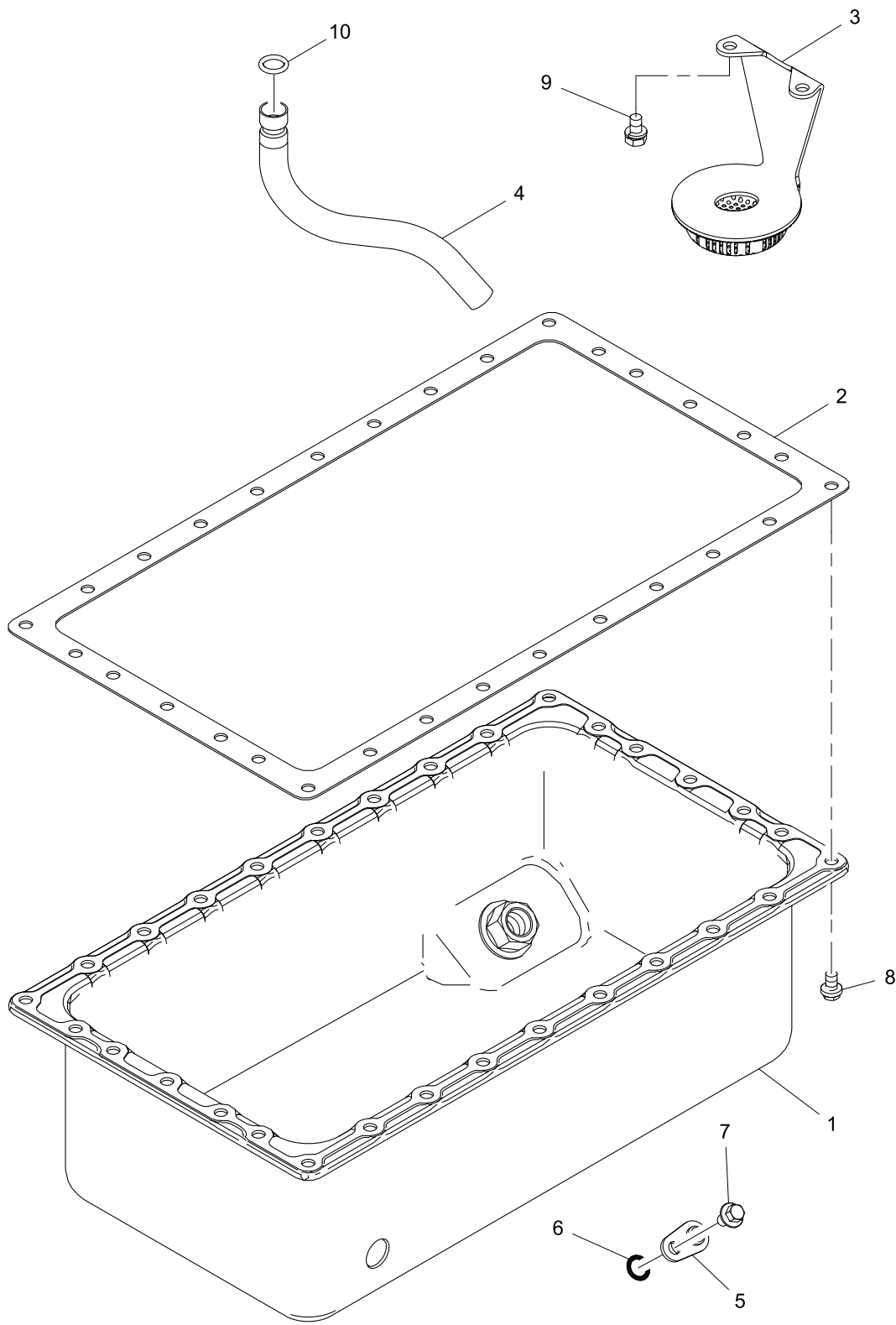
Fan Drive Pulley	Plate A
	3984866

Item	Part No.	References	Qty.	Description	Notes
1	U45336620	● 145336620	1	FAN DRIVE PULLEY	

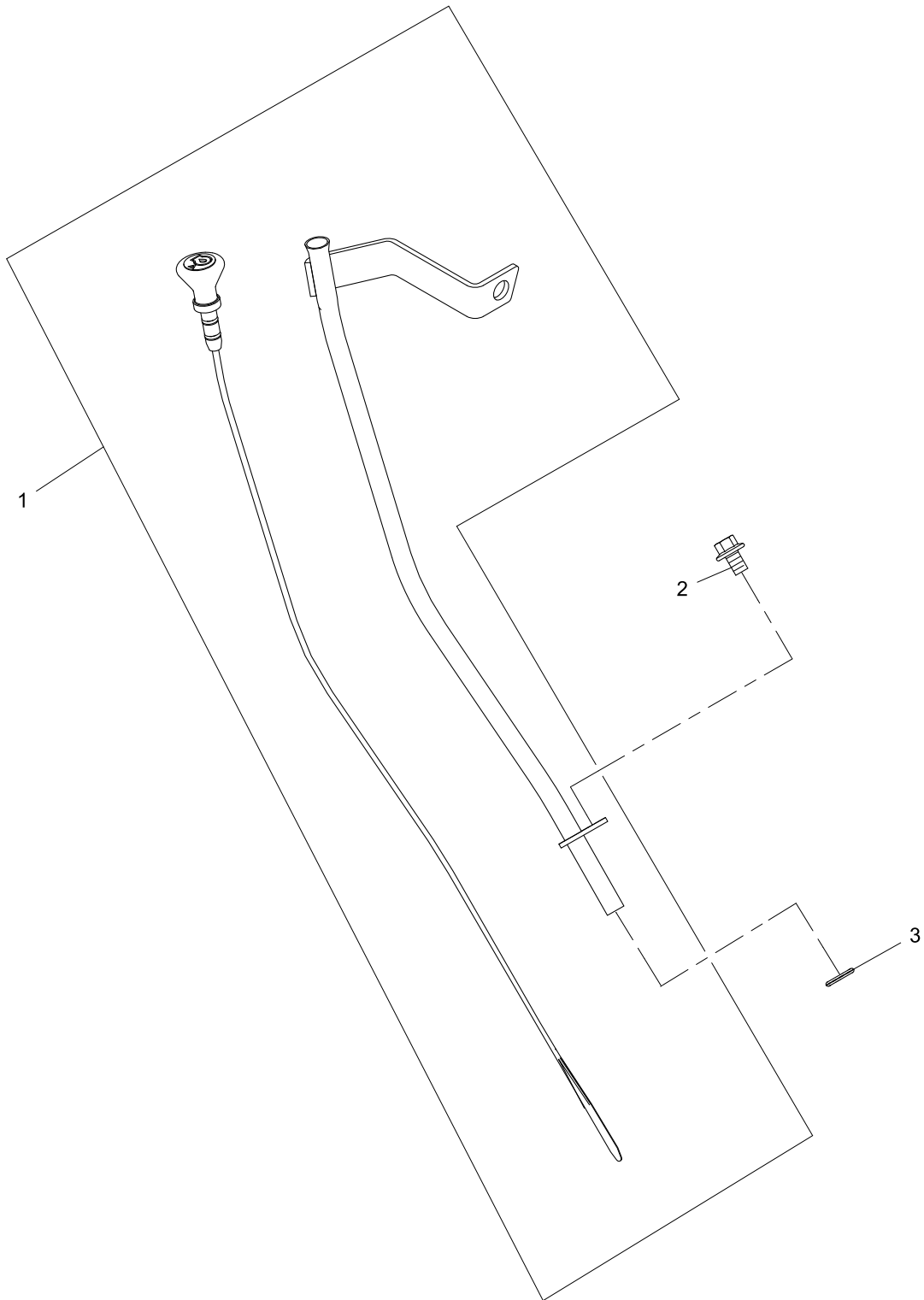


Fan Drive Mounting	Plate A
	3989095

Item	Part No.	References	Qty.	Description	Notes
1	145386910		1	EXTENSION	
2	2314F006		4	SCREW	

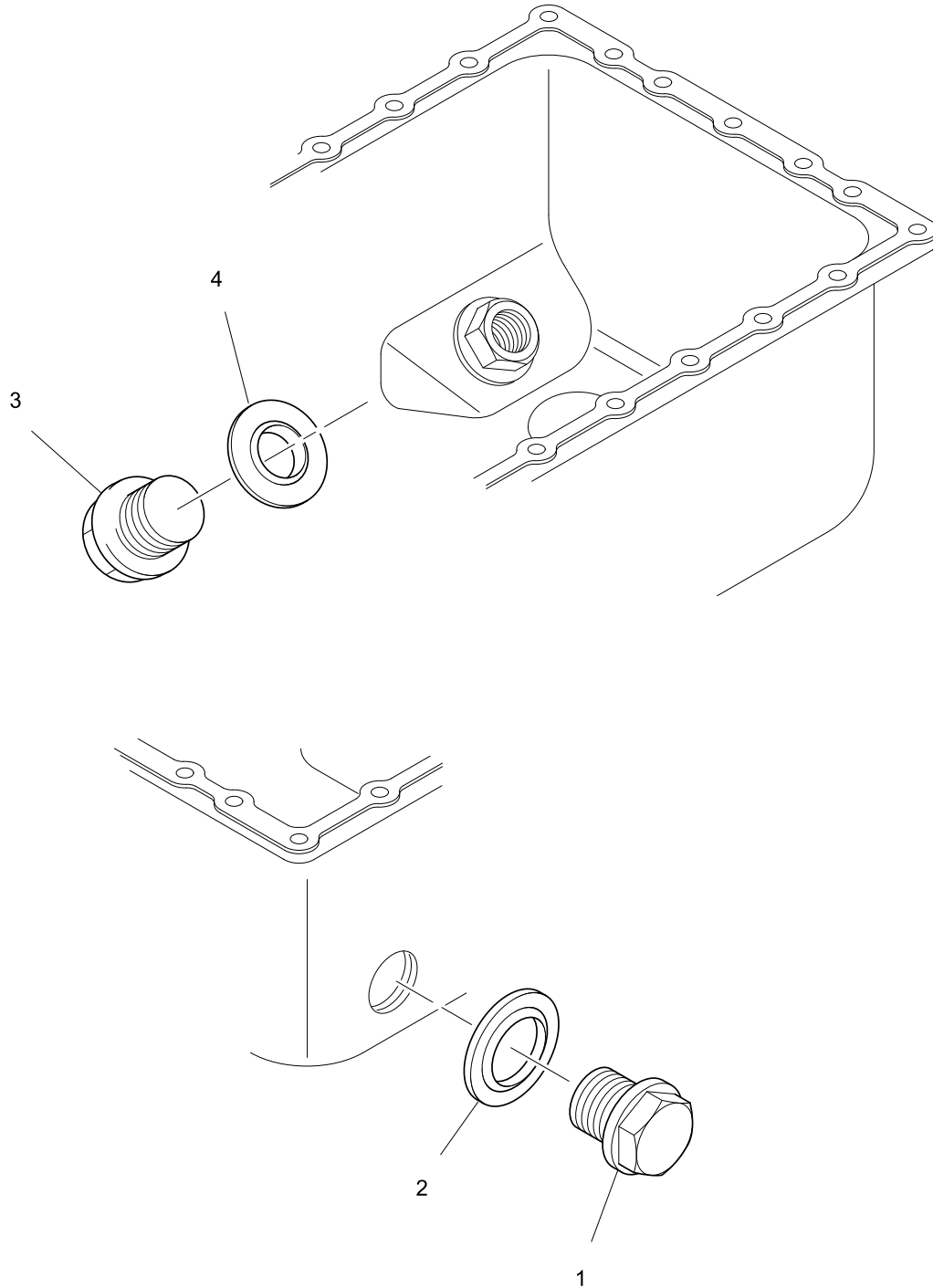


Item	Part No.	References	Qty.	Description	Notes
1	U10701050	↔	1	SUMP	
2	110996860	↔	1	GASKET - SUMP	
3	U40406790		1	OIL SUCTION STRAINER	
4	140987090		1	PIPE - OIL SUCTION	
5	U98436290		1	PLATE	
6	052100100	↔	2	SEAL - O RING	
7	2314F001		1	SCREW	
8	T418686		30	SCREW	
9	011310612		2	SCREW	
10	052109076		1	SEAL - O RING	



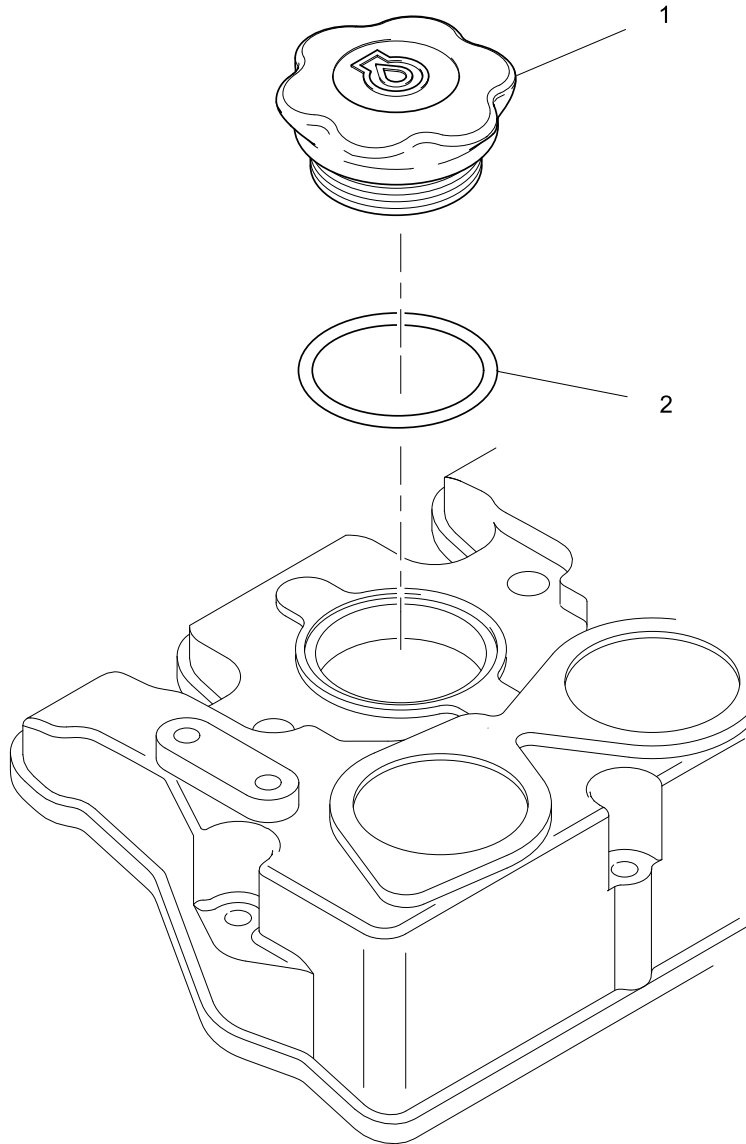
Dipstick & Filler Tube	Plate B
	5787017

Item	Part No.	References	Qty.	Description	Notes
1	T430685		1	DIPSTICK TUBE	
2	2314F001		1	SCREW	
3	052100100	↔	2	SEAL - O RING	



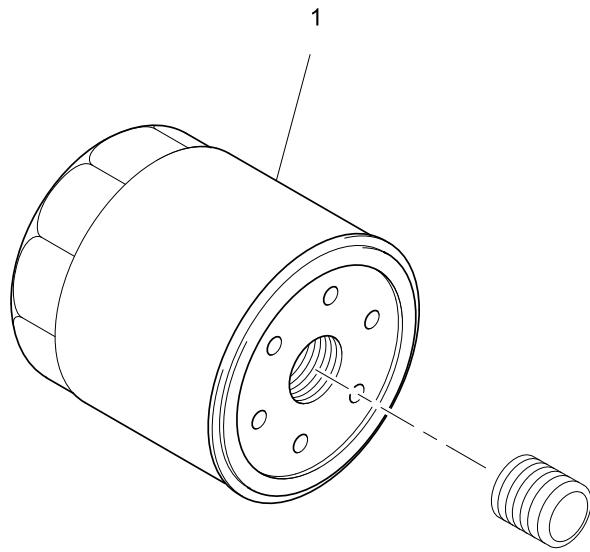
Blanking Plug	Plate A
	3985865

Item	Part No.	References	Qty.	Description	Notes
1	T10109238		1	DRAIN PLUG	
2	025100016		1	WASHER	
3	T10109238		1	DRAIN PLUG	
4	025100016		1	WASHER	



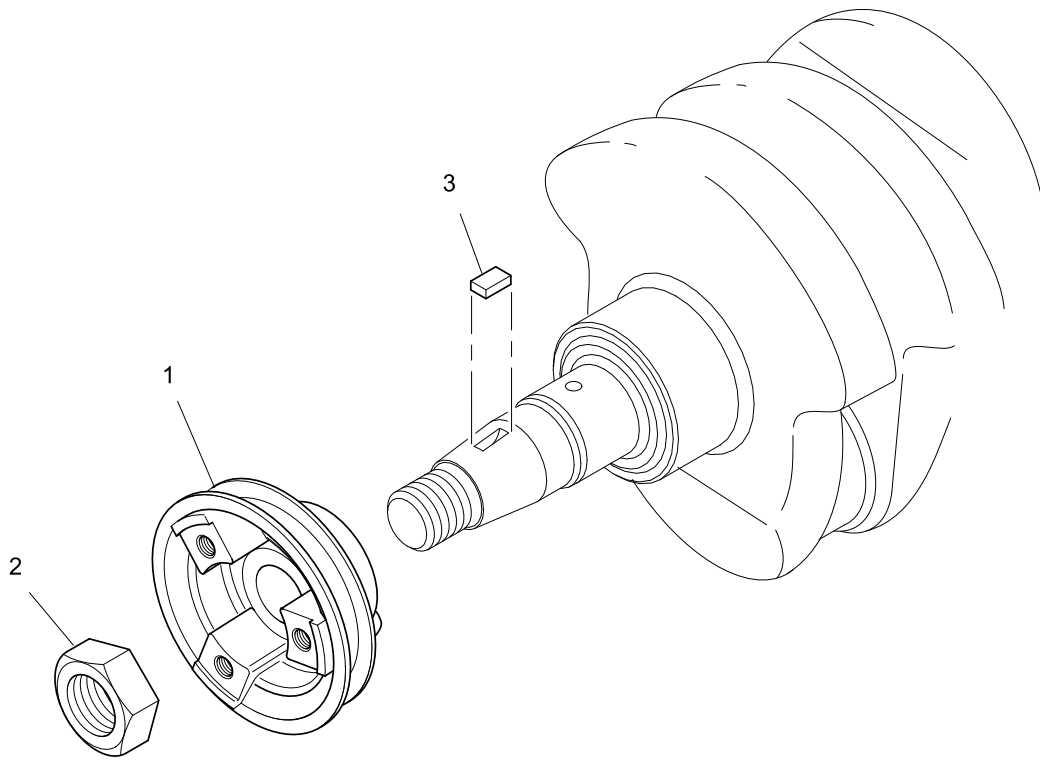
Lubricating Oil Filler	Plate A
	3985867

Item	Part No.	References	Qty.	Description	Notes
1	U98436350	Ⓢ	1	OIL FILLER CAP	
2	052100400		1	SEAL - O RING	
Service Options					
1	T403274		1	OIL FILLER CAP BLUETOOTH®	



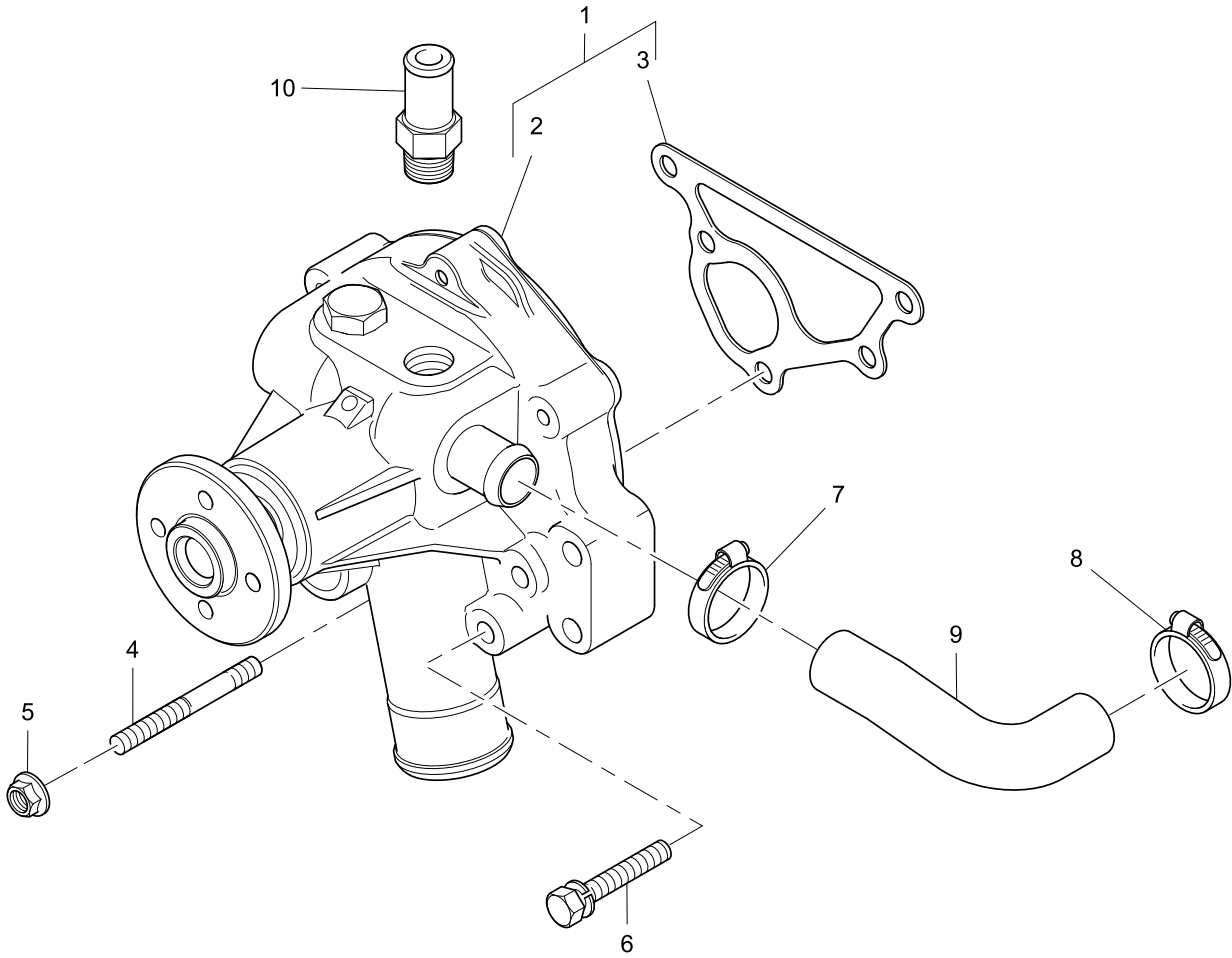
Oil Filter	Plate A
	3988177

Item	Part No.	References	Qty.	Description	Notes
1	140517050		1	OIL FILTER	



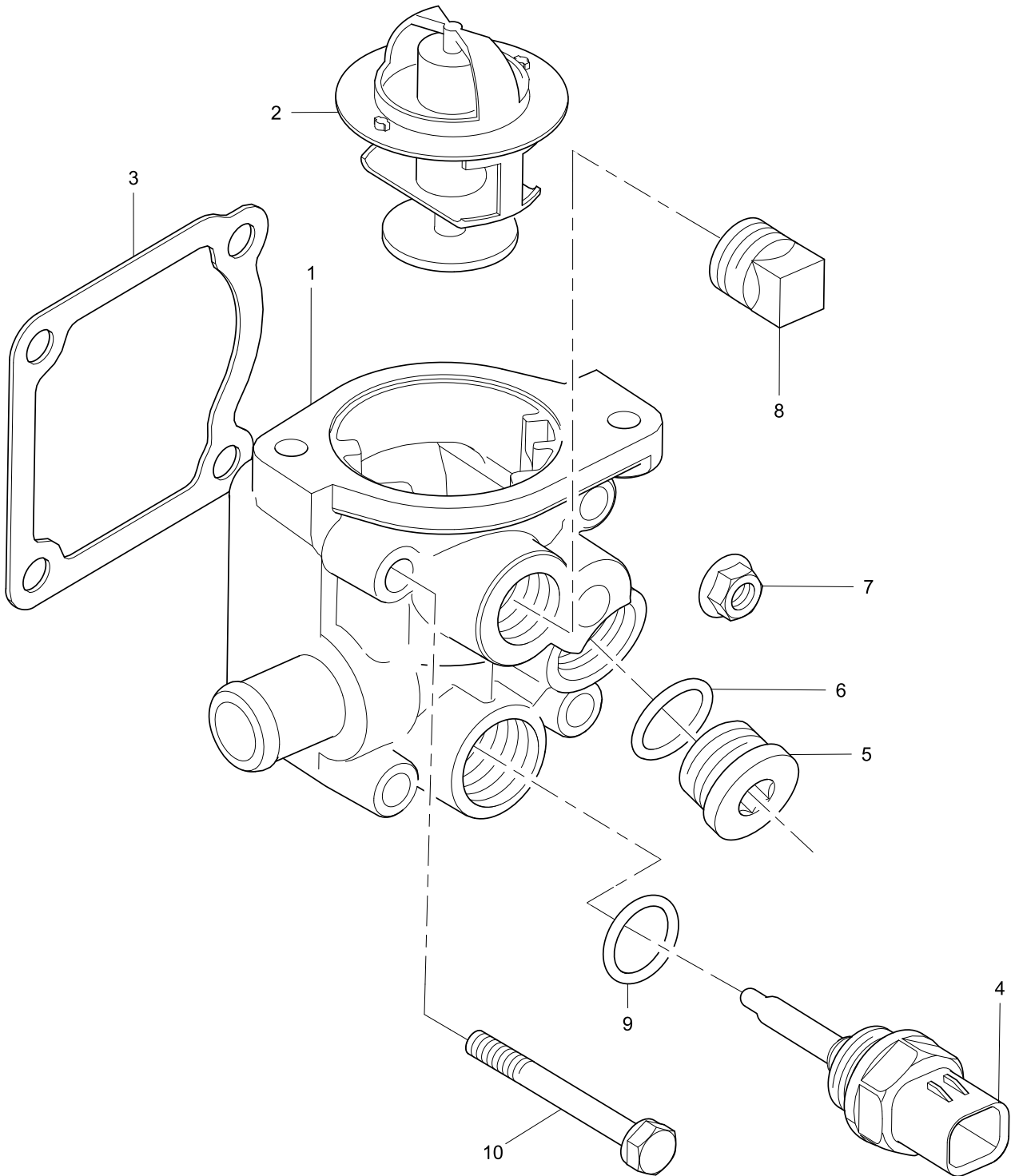
Crankshaft Pulley	Plate A
	4459988

Item	Part No.	References	Qty.	Description	Notes
1	U15397401		1	CRANKSHAFT PULLEY	
2	020109086		1	NUT	
3	034100508		1	KEY	



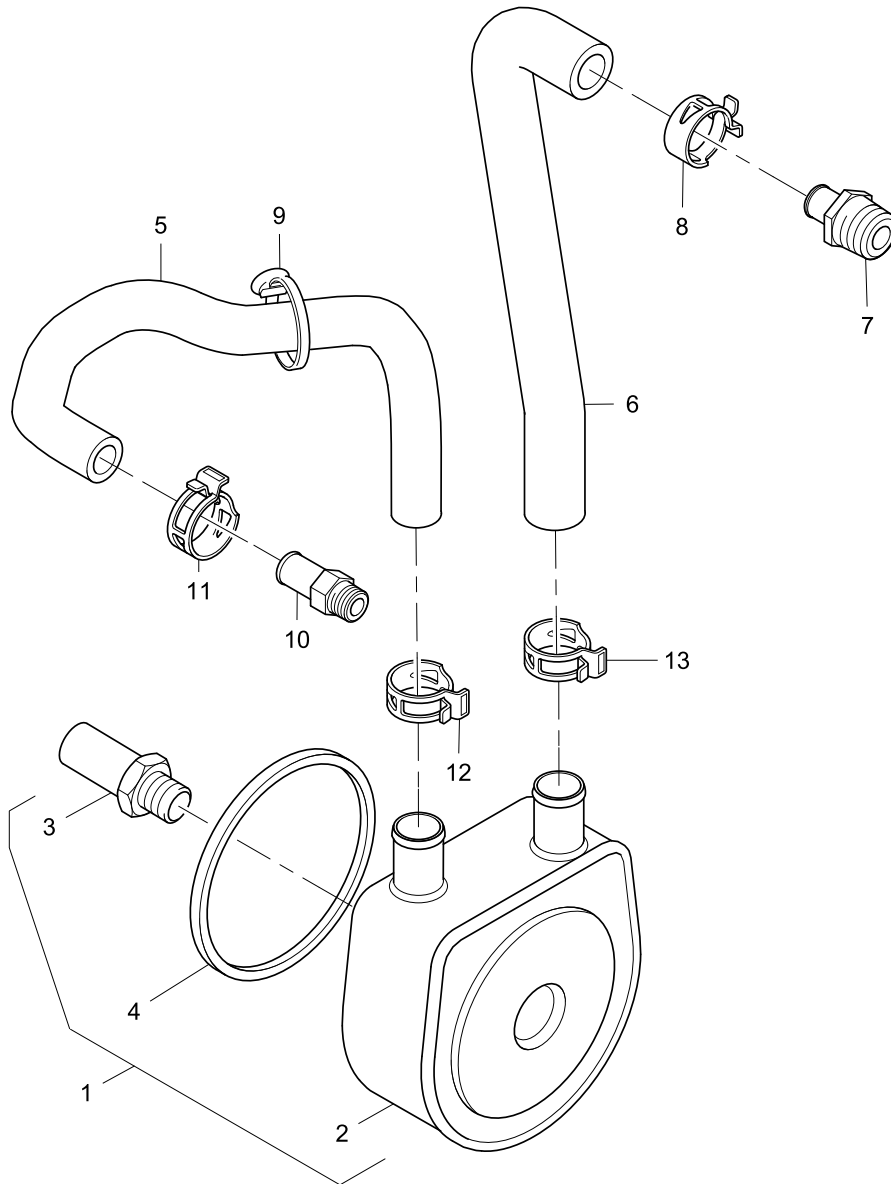
Water Pump	Plate A
	5665994

Item	Part No.	References	Qty.	Description	Notes
1	T432009		1	WATER PUMP KIT	
2		⇒ T432009	1	WATER PUMP	
3	U45996990		1	GASKET - WATER PUMP	
4	012110635		1	STUD	
5	023100006		1	NUT	
6	011310645		4	SCREW	
7	T426675		1	HOSE CLIP	
8	T426675		1	HOSE CLIP	
9	145537300		1	HOSE	
10	198481280	↔	1	CONNECTOR	



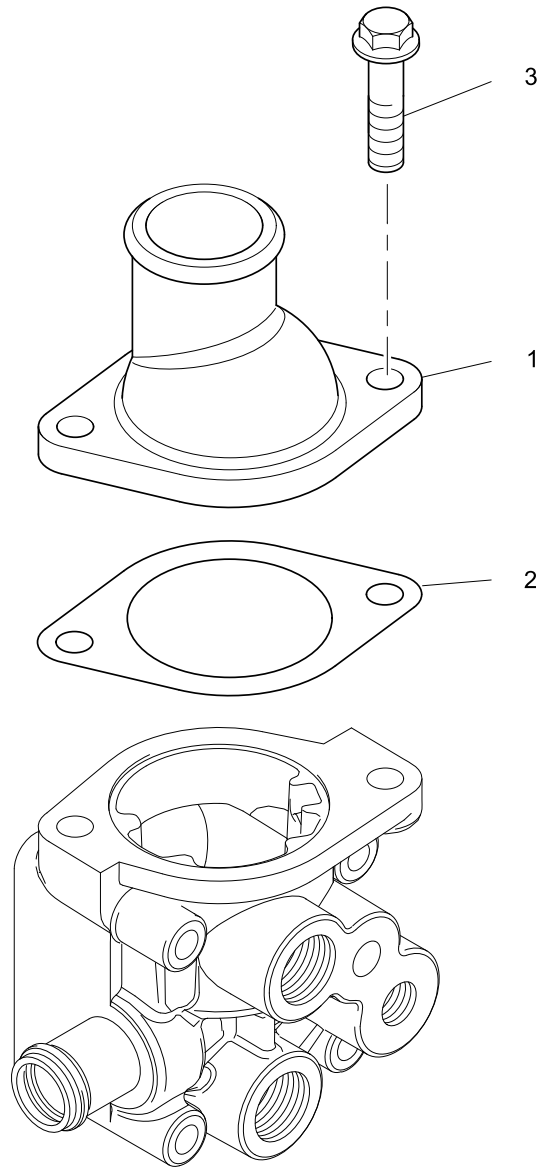
Thermostat & Housing	Plate A
	5665994

Item	Part No.	References	Qty.	Description	Notes
1	T432011		1	LB - Thermostat	
2	145206230		1	THERMOSTAT	
3	U45996930		1	GASKET - THERMOSTAT HSG	
4	T407354		1	TEMPERATURE SENSOR	
5	CH10287		1	PLUG	
6	CH10146		1	SEAL - O RING	
7	023100006		2	NUT	
8	064510030	←	1	PLUG	
9	2415H003		1	SEAL - O RING	
10	011310655		2	BOLT	



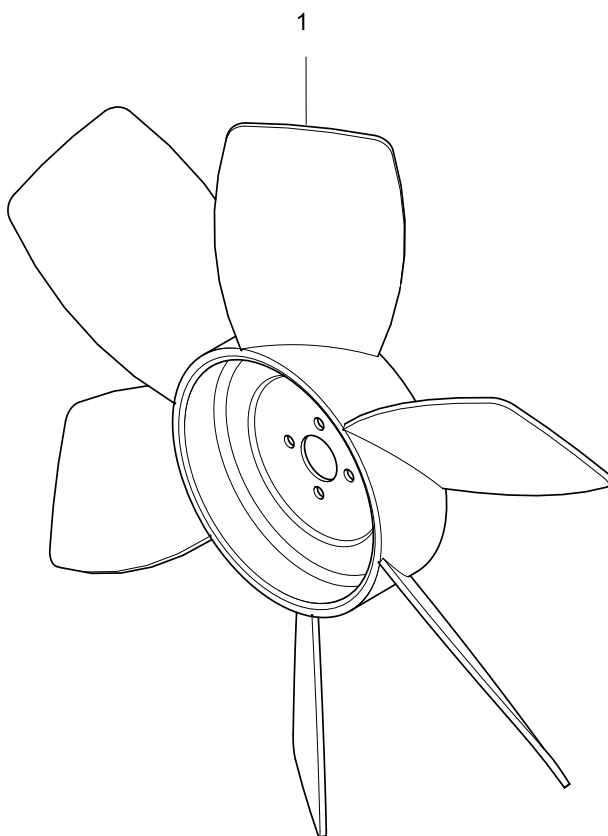
Oil Cooler	Plate A
	5665994

Item	Part No.	References	Qty.	Description	Notes
1	2486A218		1	OIL COOLER	
2		⇒ 2486A218	1	OIL COOLER	
3	2486A225		1	ADAPTOR	
4	2486A223		1	SEAL - O RING	
5	068209648		1	HOSE	
6	T68209268		1	HOSE	
7	T420245		1	CONNECTOR	
8	T424438		1	HOSE CLIP	
9	T409240		1	CABLE TIE	
10	198481280	↔	1	CONNECTOR	
11	T424438		1	HOSE CLIP	
12	T424438		1	HOSE CLIP	
13	T424438		1	HOSE CLIP	



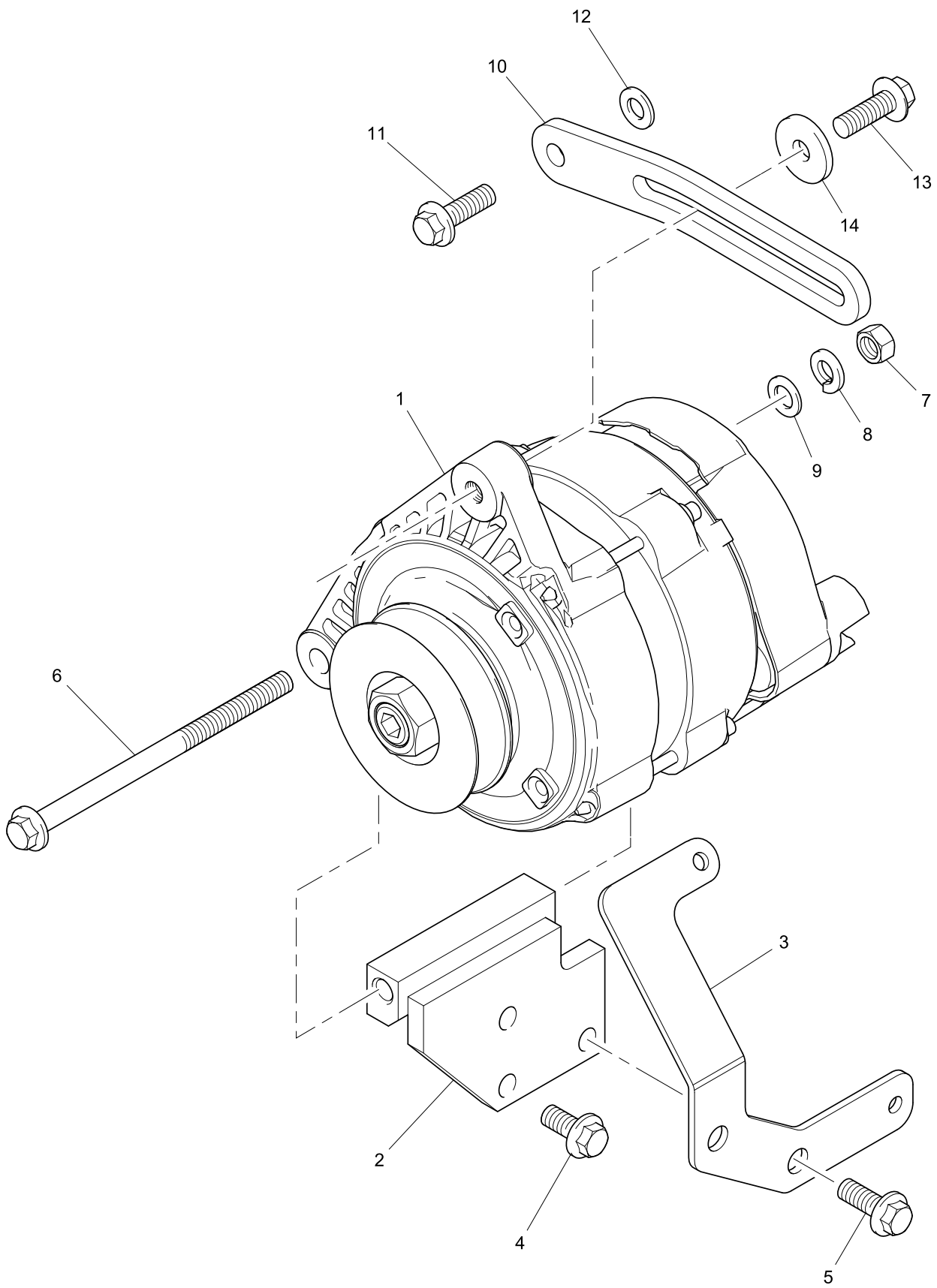
Water Outlet Housing	Plate A
	3985884

Item	Part No.	References	Qty.	Description	Notes
1	145226320	↔	1	CONNECTION	
2	U45996051		1	GASKET - THERMOSTAT HSG	
3	011510825		2	SCREW	

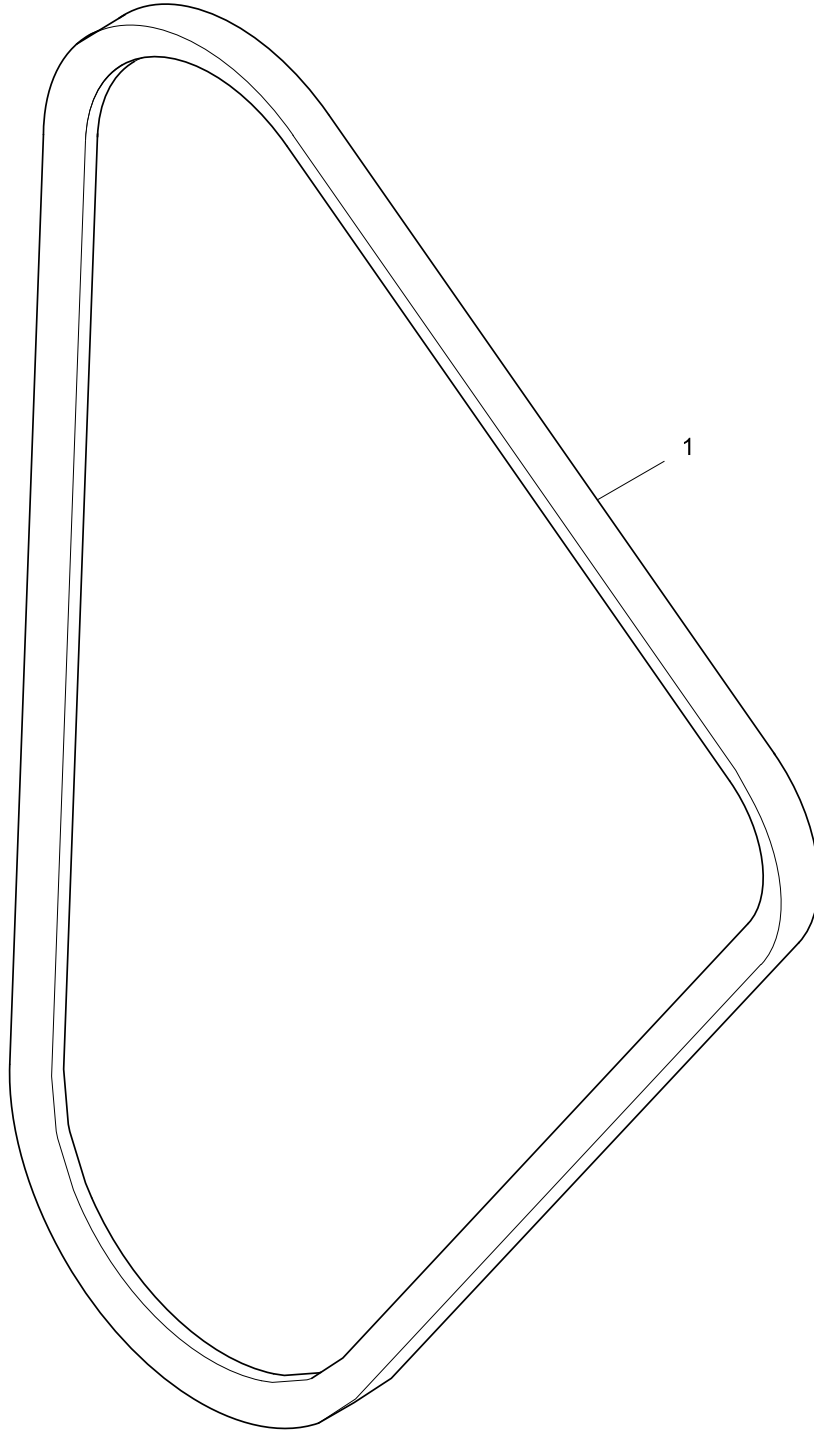


Fan	Plate A
	3989093


Item	Part No.	References	Qty.	Description	Notes
1	145306730		1	FAN	



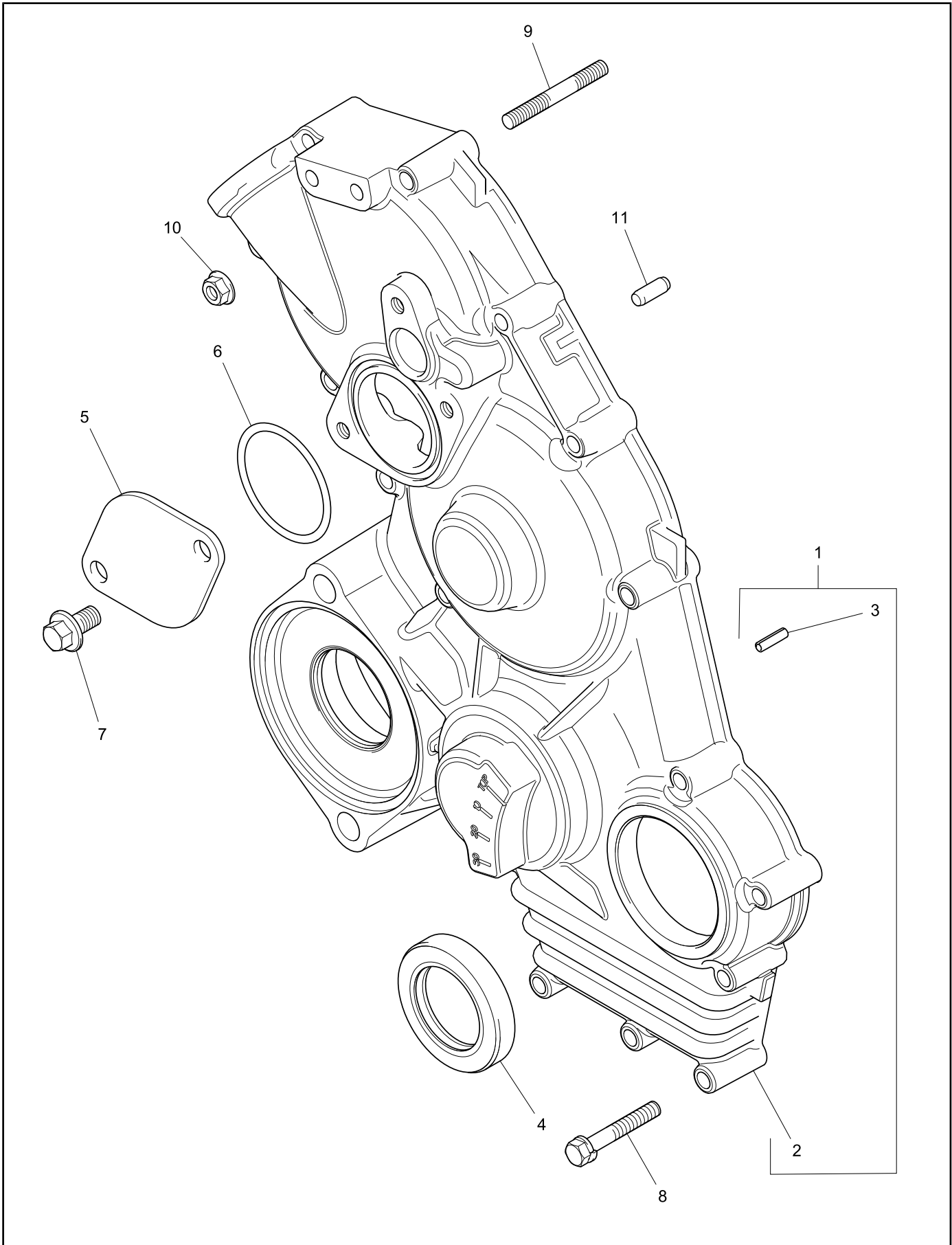
Item	Part No.	References	Qty.	Description	Notes
1	T423270		1	ALTERNATOR	
2	T423492		1	ALTERNATOR BRACKET	
3	T432102		1	BRACKET	
4	2314H002		1	SCREW	
5	2314H003		2	SCREW	
6	2314H022		1	SCREW	
7	020900008		1	NUT	
8	027100008		1	WASHER	
9	T432440		1	WASHER	
10	T432106		1	LEVER	
11	2314H004		2	SCREW	
12	T432440		1	WASHER	
13	2314H004		1	SCREW	
14	T432437		1	WASHER	



Alternator Belt	Plate A
	4770812

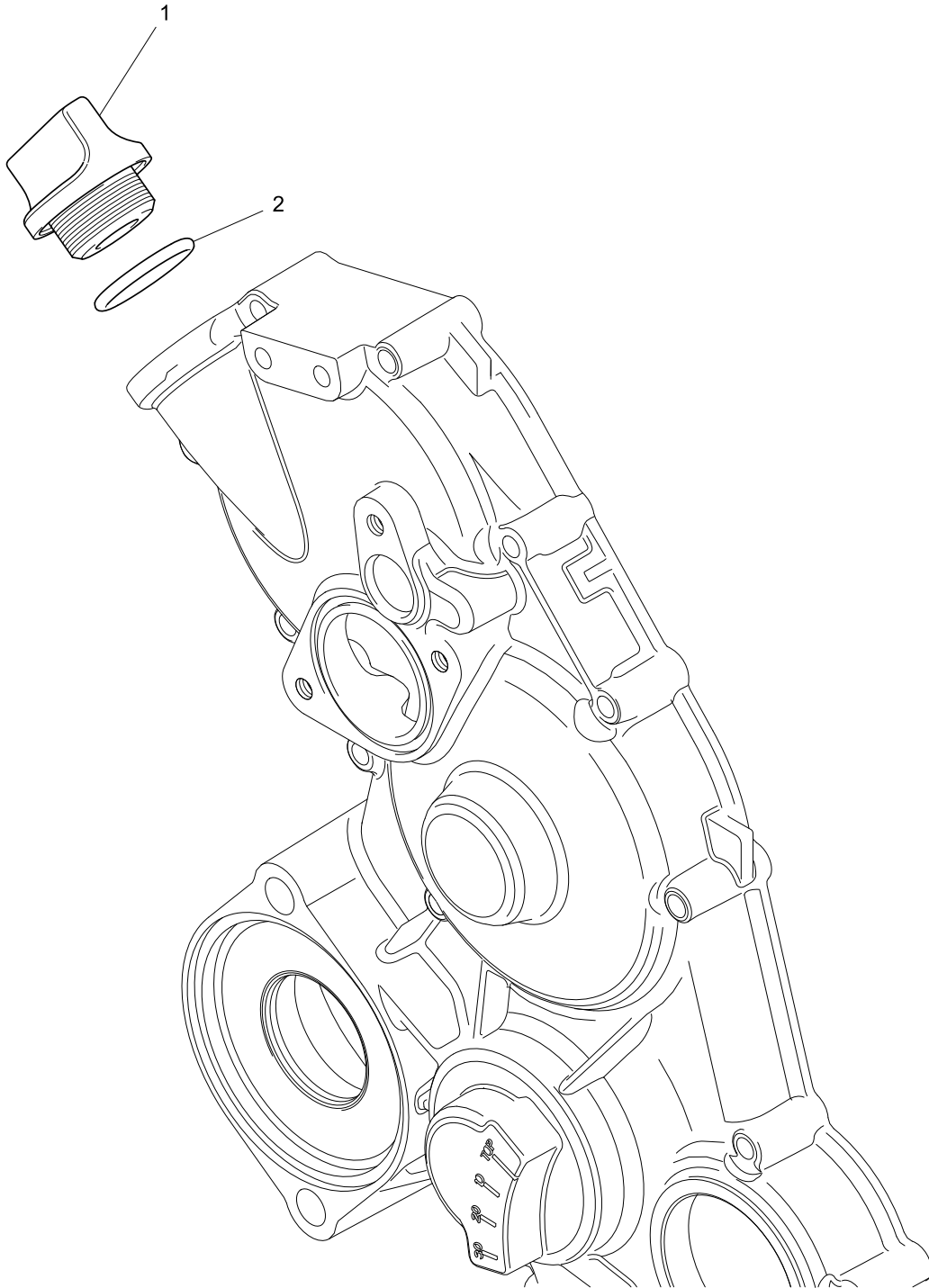
Item	Part No.	References	Qty.	Description	Notes
1	5138591	 a. ↳ C83002303	1	BELT	

History					
a.					
1	T418022	↳ C83002302	1	BELT	



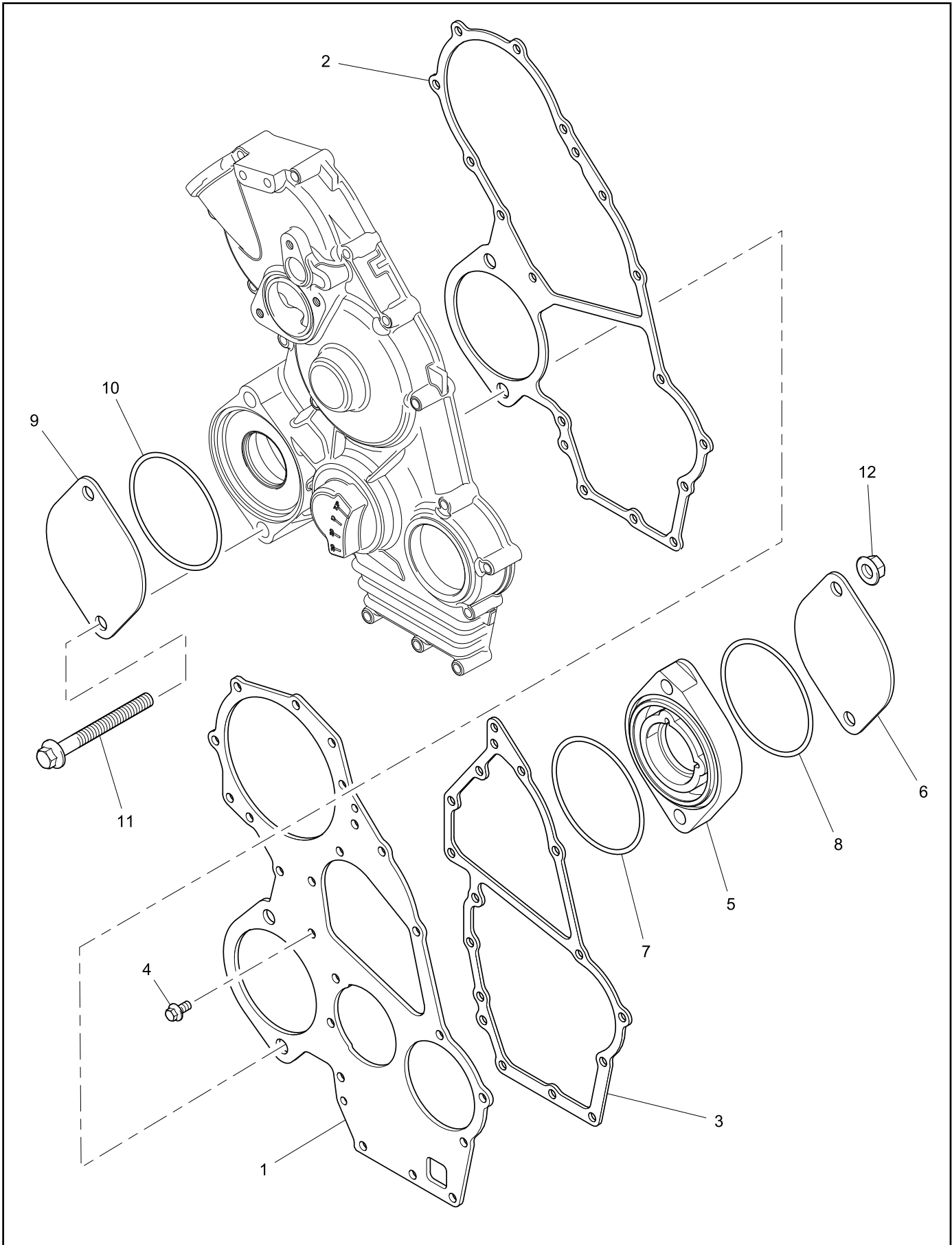
Timing Case	Plate A
	5242311

Item	Part No.	References	Qty.	Description	Notes
1	T432679		1	TIMING CASE	
2		⇒ T432679	1	TIMING CASE	
3	030300414		1	PIN	
4	198636160		1	SEAL - FRONT END OIL	
5	165206740		1	COVER	
6	052400480		1	SEAL - O RING	
7	2314H001		2	SCREW	
8	011310640		14	SCREW	
9	012110645		2	STUD	
10	023100006		2	NUT	
11	030500616		2	DOWEL	



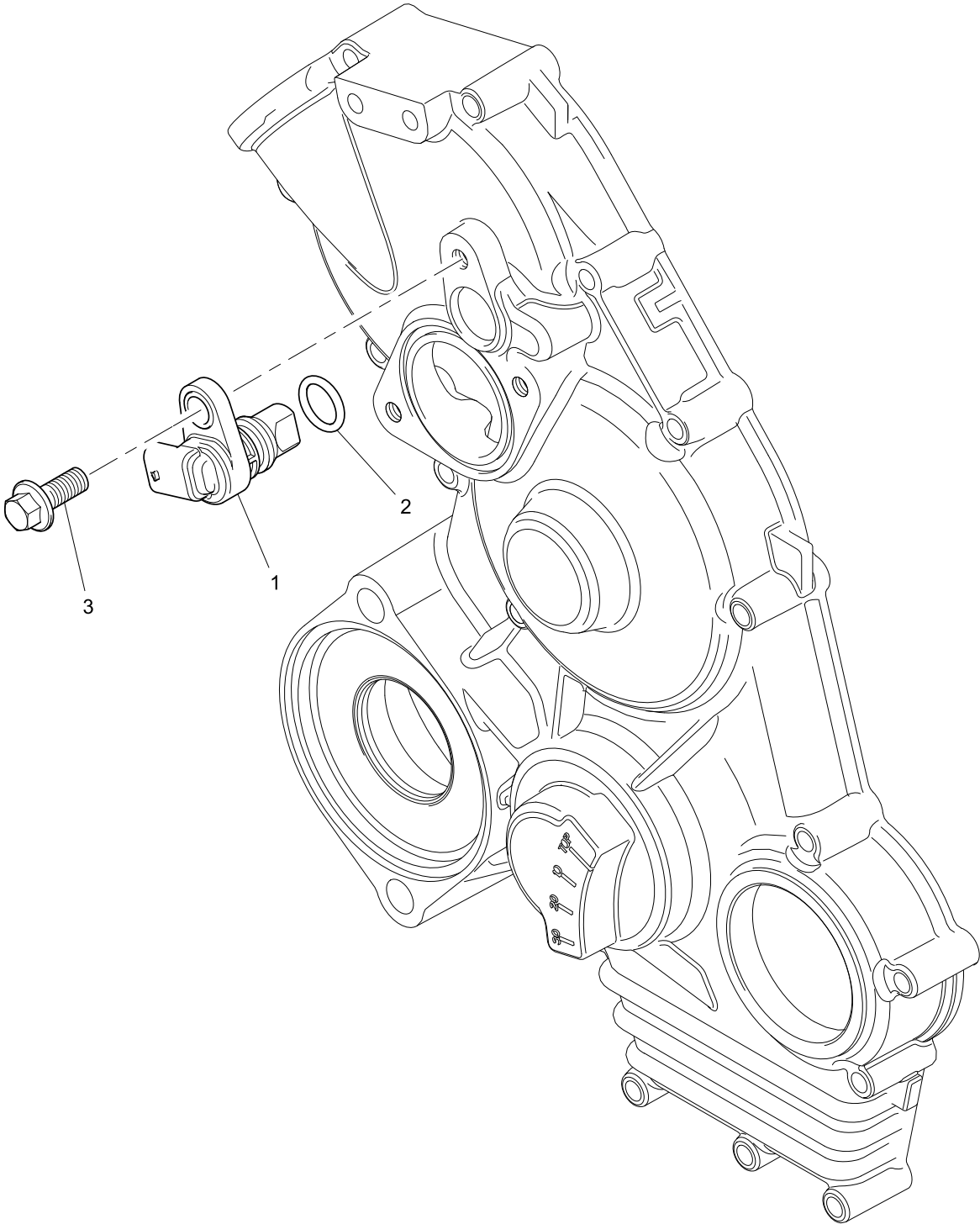
Front Cover	Plate B
	5242311

Item	Part No.	References	Qty.	Description	Notes
1	198436390		1	OIL FILLER CAP	
2	T432689		1	O RING	



Front Plate	Plate A
	5242311

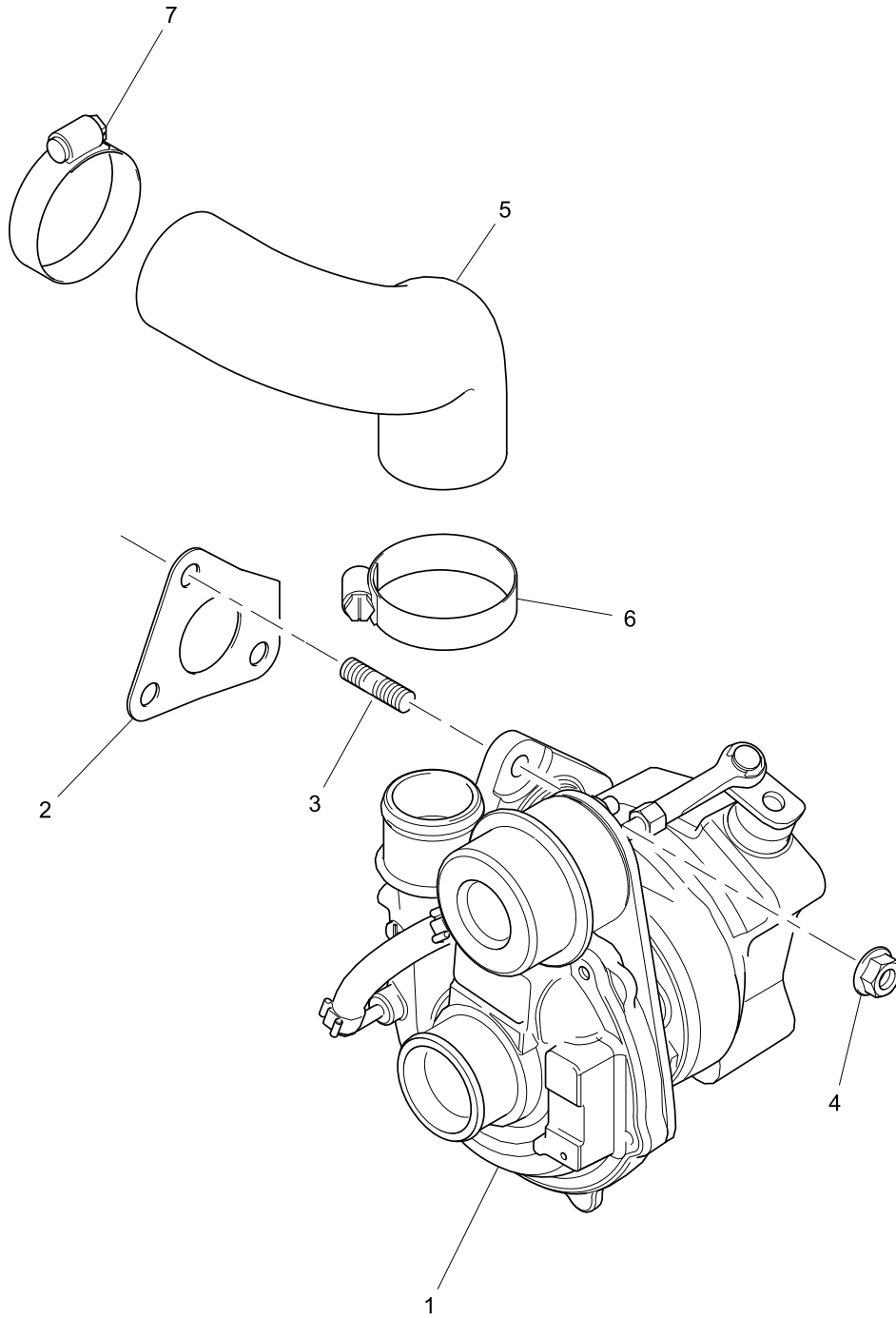
Item	Part No.	References	Qty.	Description	Notes
1	165166860	↔	1	PLATE	
2	165996780		1	GASKET - TIMING CASE	
3	165996750		1	GASKET	
4	2314F001		5	SCREW	
5	110416290		1	BEARING HOLDER ASSEMBLY	
6	U65206791		1	COVER	
7	052300850		1	SEAL - O RING	
8	052300850		1	SEAL - O RING	
9	U65206791		1	COVER	
10	052300850		1	SEAL - O RING	
11	2314J017		2	SCREW	
12	2318A604		2	NUT	



Sensors	Plate A
	5242311

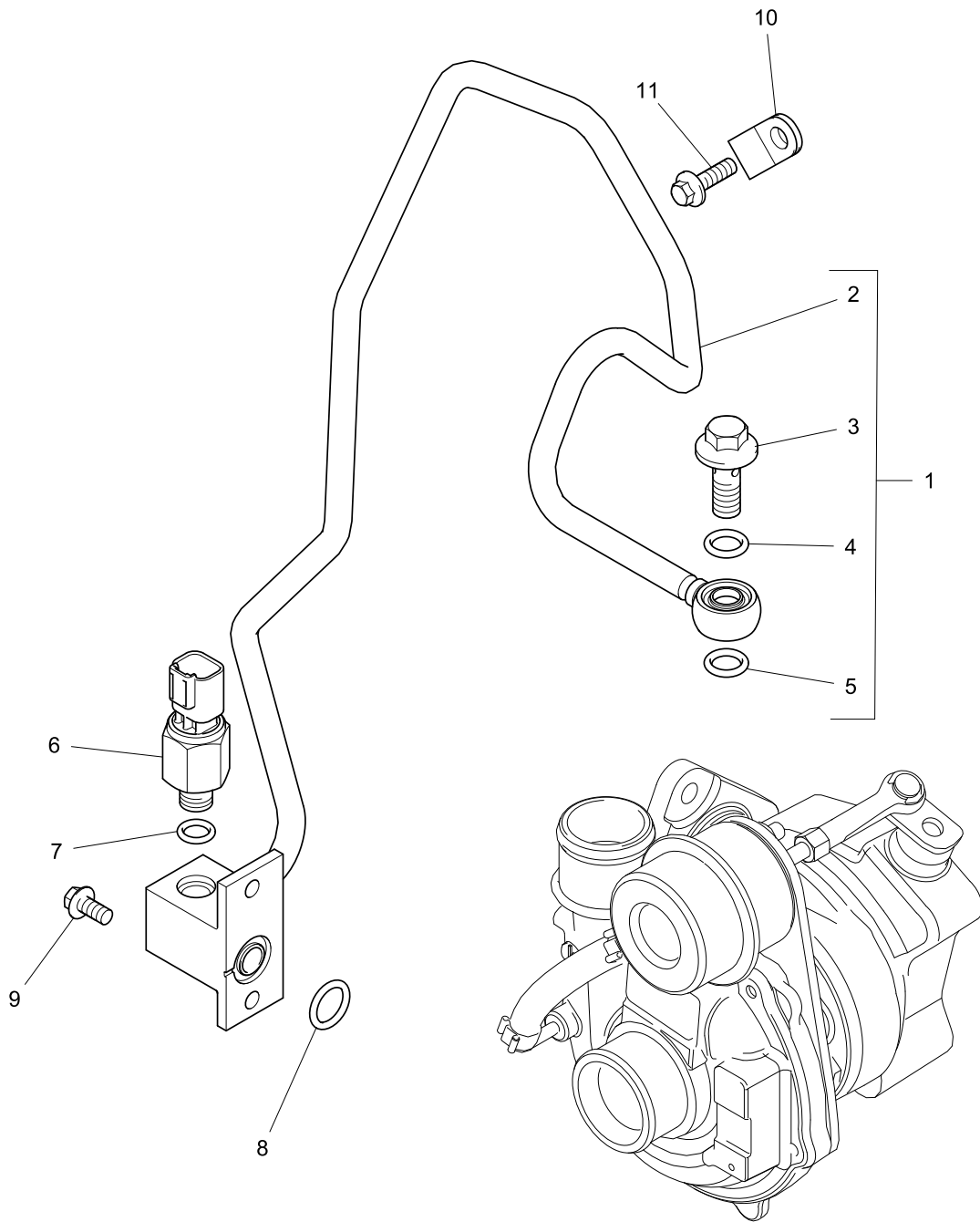
Item	Part No.	References	Qty.	Description	Notes
1	T431201		1	SPEED SENSOR	
2	2415H014		1	SEAL - O RING	(1)
3	2314H003		1	SCREW	

Footnotes	
(1)	DO NOT RE-USE ONCE REMOVED



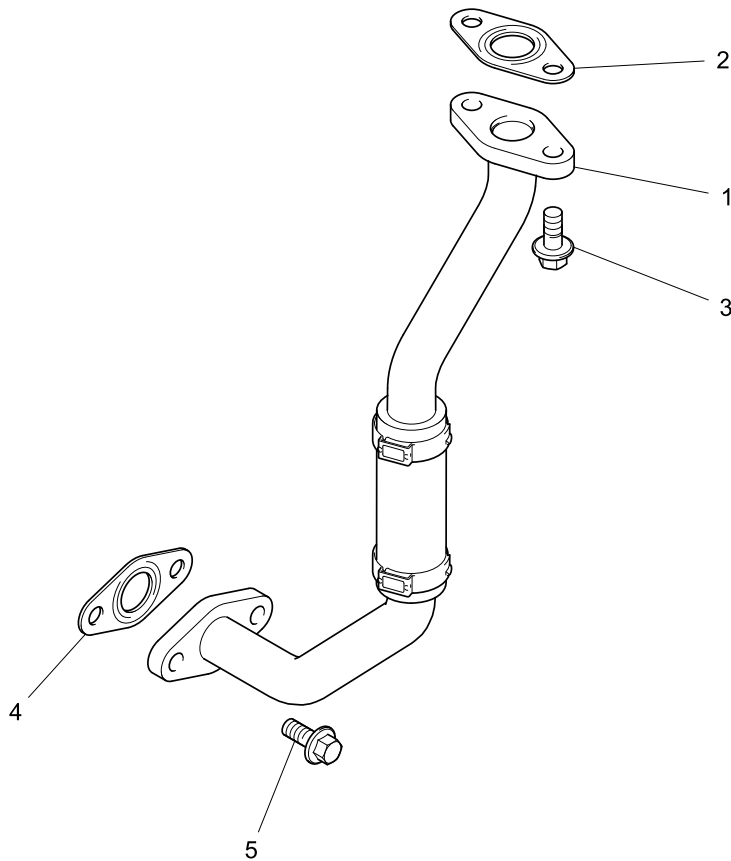
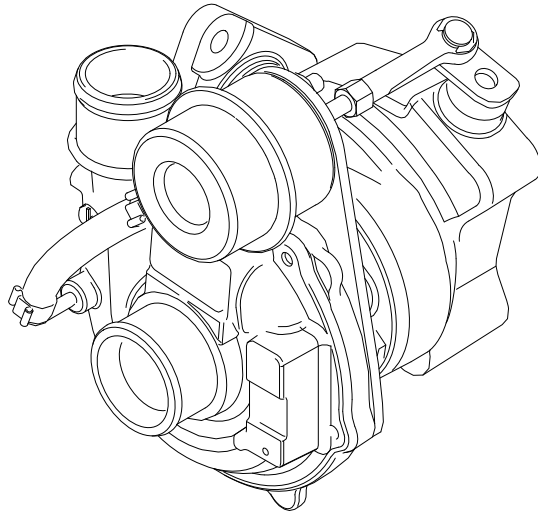
Turbocharger	Plate A
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T432501		1	TURBOCHARGER	
2	135997240		1	GASKET - TURBOCHARGER	
3	012109235		3	STUD	
4	T401456		3	NUT	
5	T432098		1	HOSE	
6	0180067		1	CLAMP	
7	0180067		1	CLAMP	



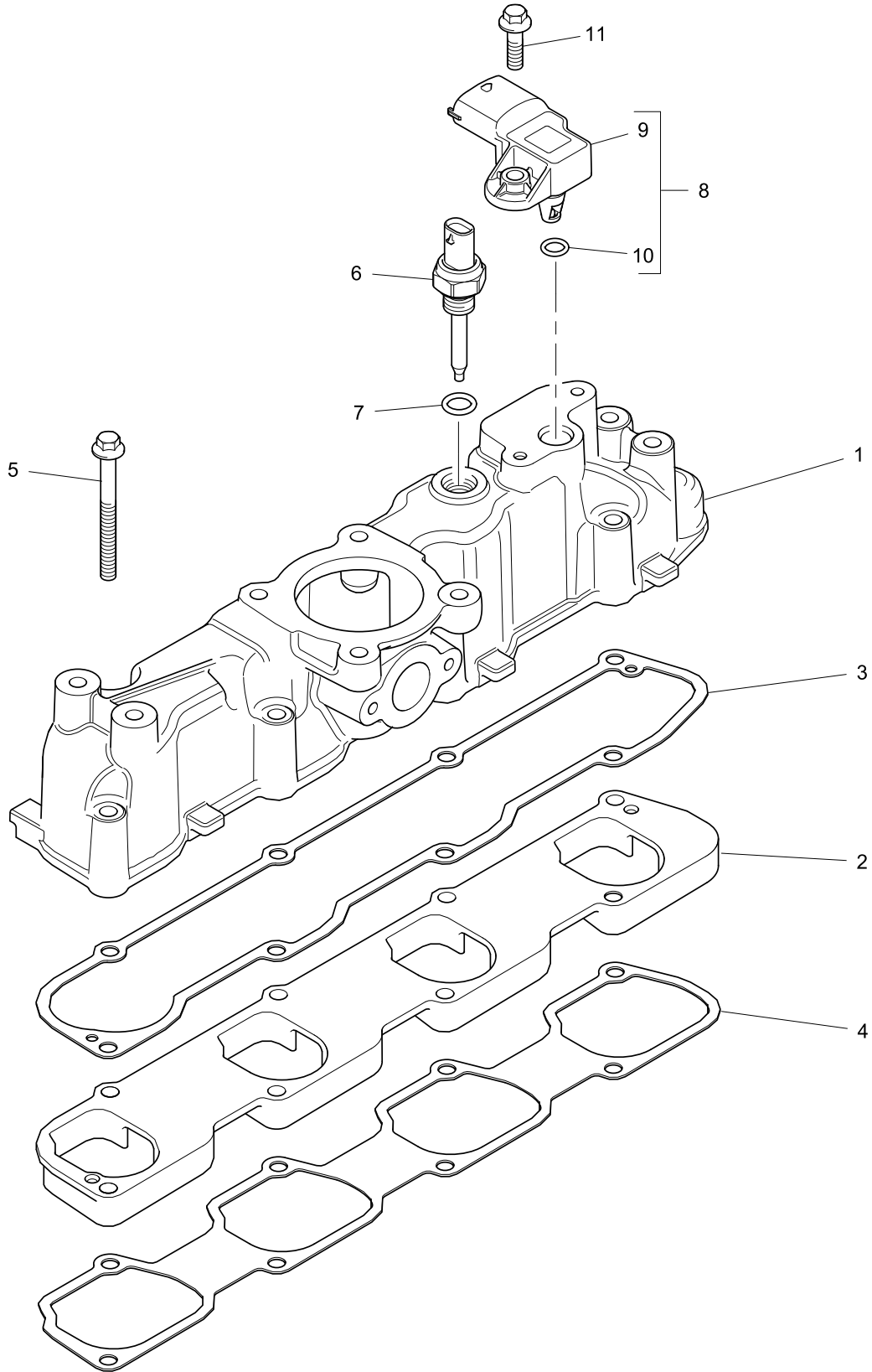
Turbo Oil Feed Pipe	Plate A
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T432122		1	PIPE - TURBO OIL FEED	
2		⇒ T432122	1	PIPE - TURBO OIL FEED	
3	T423366		1	BANJO BOLT	
4	CH10229		1	SEAL - O RING	
5	CH10229		1	SEAL - O RING	
6	T431758		1	OIL PRESSURE SENSOR	
7	2415H002		1	SEAL - O RING	
8	052109078		1	SEAL - O RING	
9	2314F002		2	SCREW	
10	T432502		1	PIPE CLIP	
11	2314F002		1	SCREW	



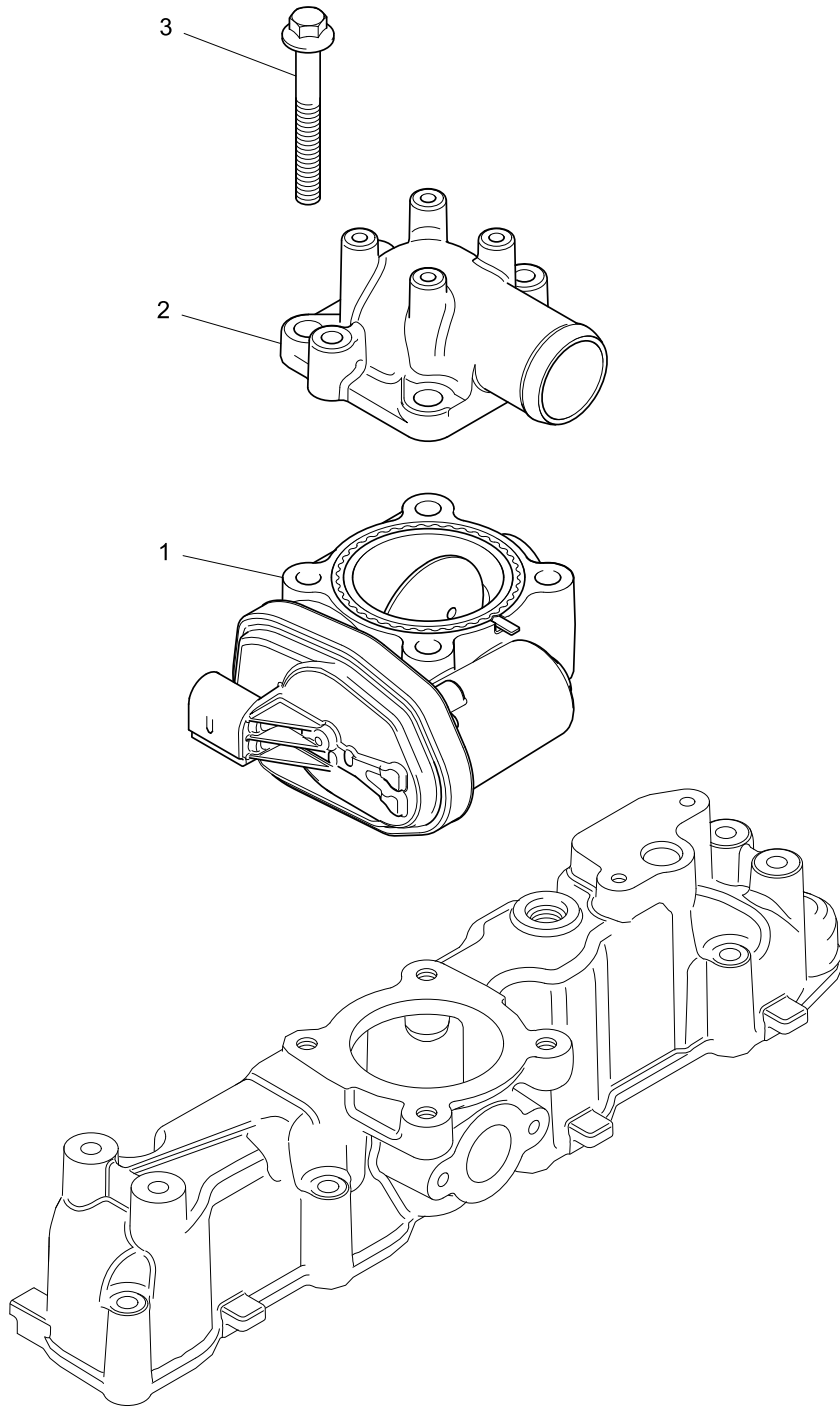
Turbo Oil Drain Pipe	Plate A
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T432127		1	PIPE - TURBO OIL DRAIN	
2	3688A035	↔	1	GASKET	
3	2314F003		2	SCREW	
4	3688A035	↔	1	GASKET	
5	2314F003		2	SCREW	



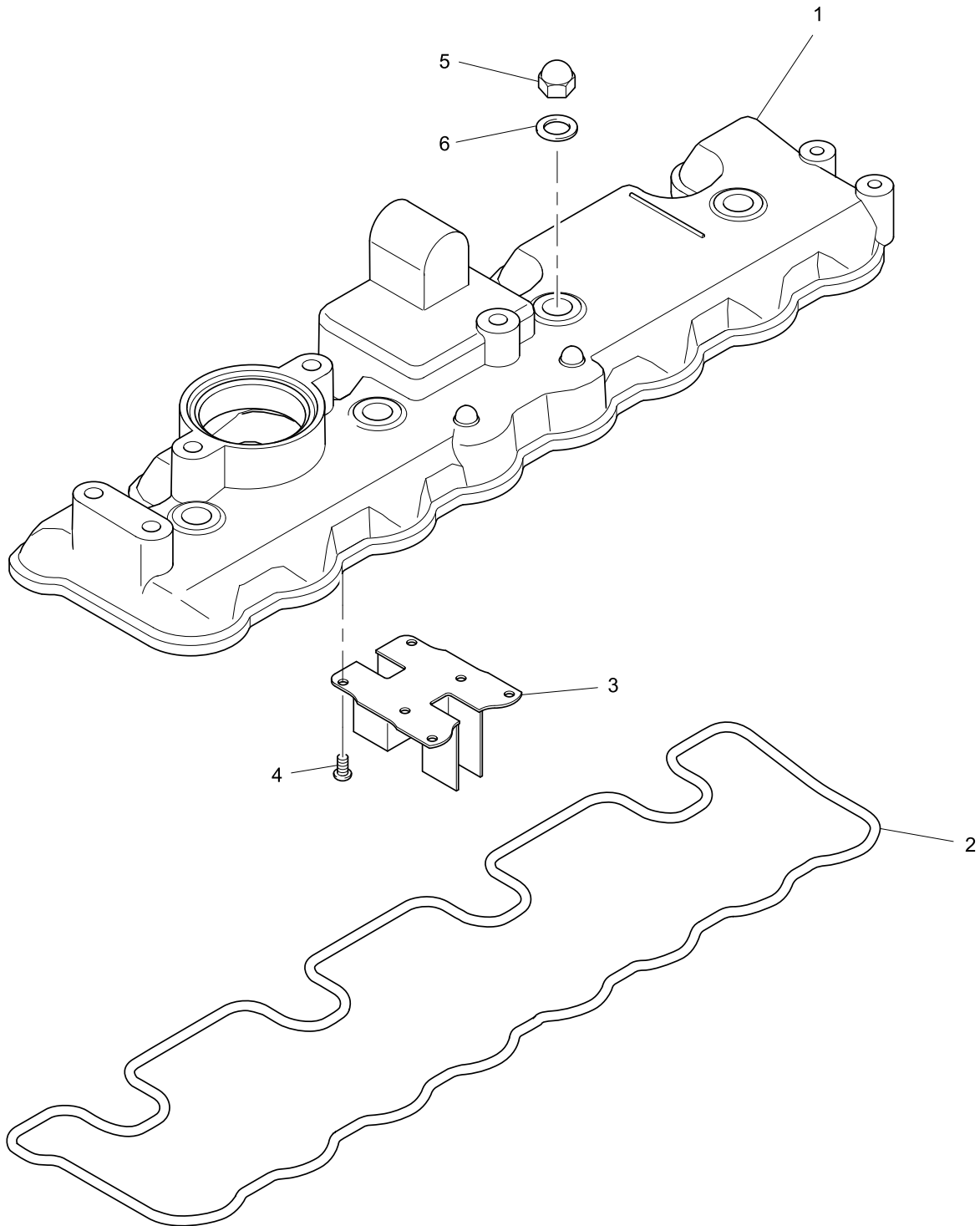
Inlet Manifold	Plate A
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T432092		1	INDUCTION MANIFOLD	
2	135596911	↖	1	SPACER	
3	U35997180		1	GASKET - IND MANIFOLD	
4	U35997170		1	GASKET - IND MANIFOLD	
5	2314F013		8	SCREW	
6	T432195		1	SENSOR	
7	2415H011		1	O RING	
8	T431796		1	SENSOR	
9		⇒ T431796	1	SENSOR	
10	T432194		1	O RING	
11	2314F005		1	SCREW	



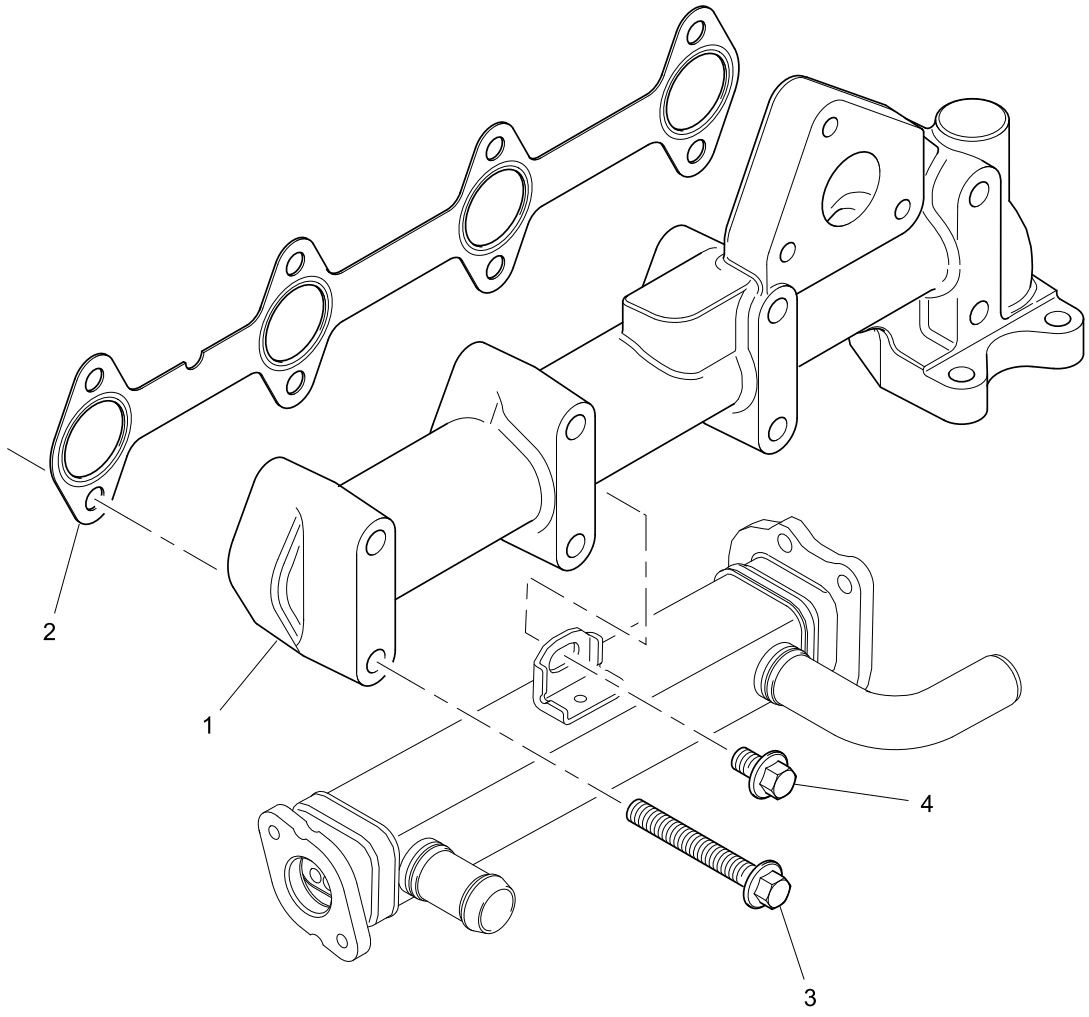
Inlet Manifold	Plate B
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T431847	↔	1	THROTTLE	
2	T432105		1	ADAPTOR	
3	2314H012		4	SCREW	



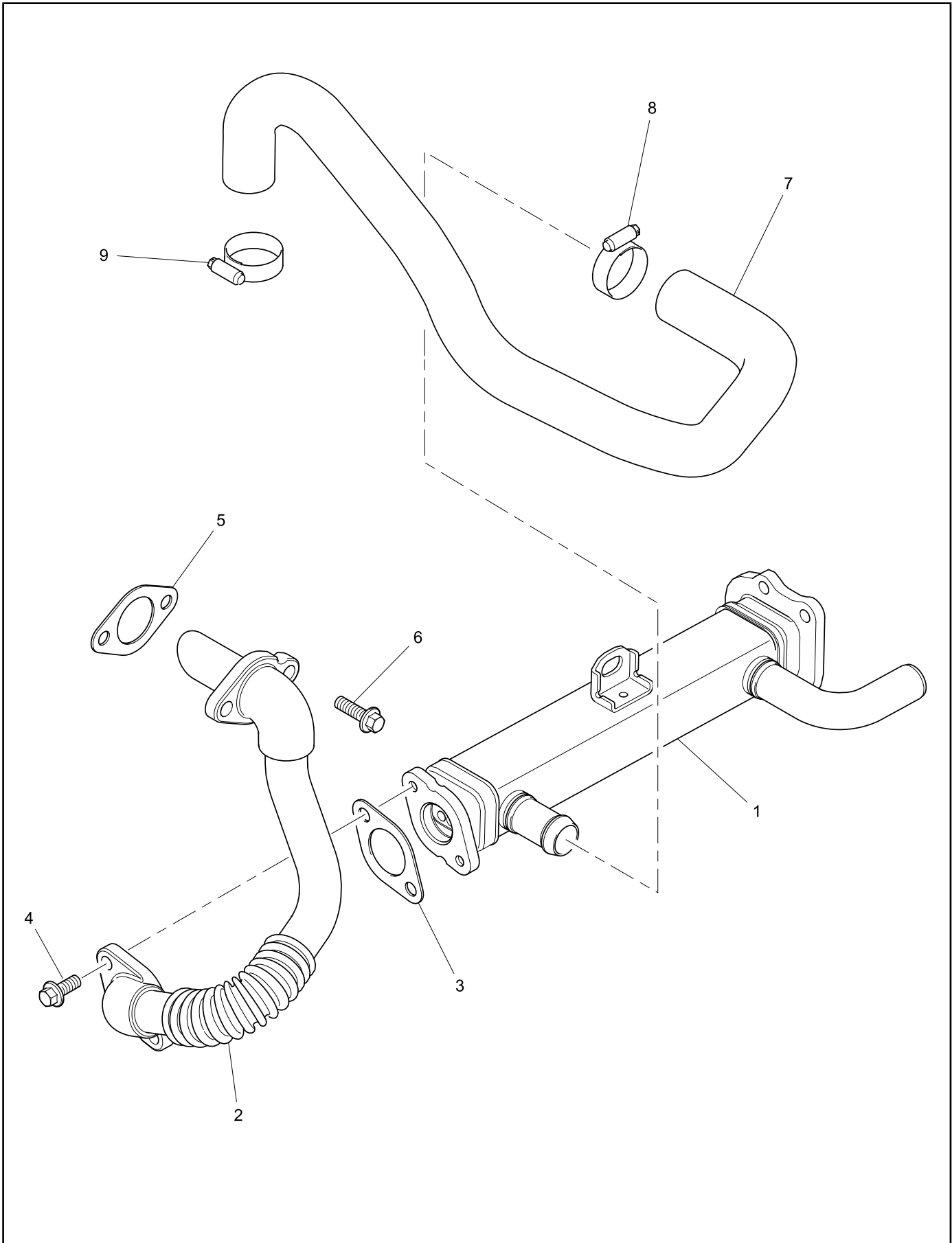
Cylinder Head Cover	Plate C
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	U11211490		1	CYLINDER HEAD COVER	
2	U11996520		1	GASKET - CYL. HEAD COVER	
3	110666280		1	PLATE	
4	015600406		6	SCREW	
5	T428481		4	NUT	
6	2411D010		4	WASHER	



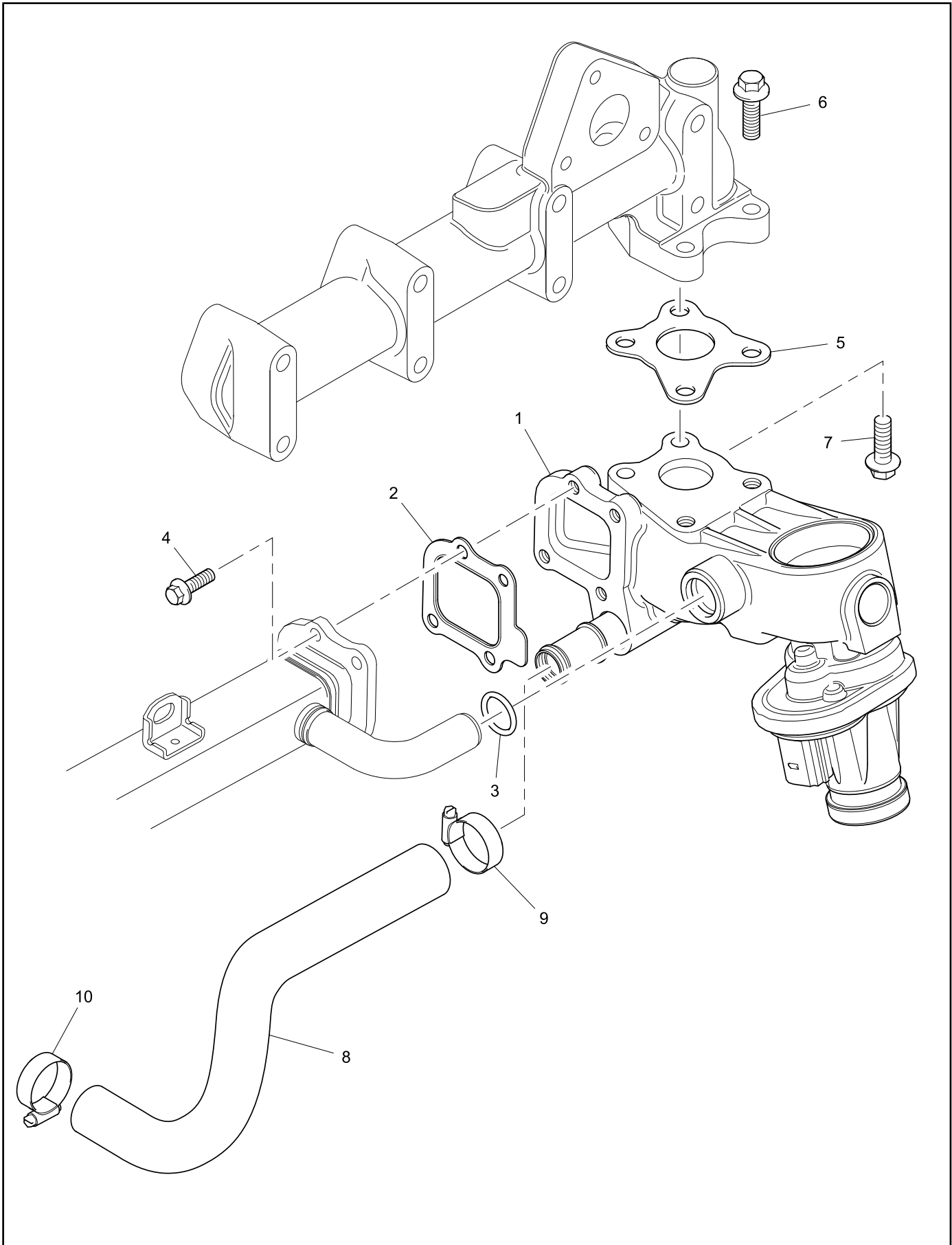
Exhaust Manifold	Plate A
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T432093	↔	1	EXHAUST MANIFOLD	
2	U35997200		1	GASKET - EXHAUST MANIFOLD	
3	T432212		8	BOLT	
4	2314H102		1	SCREW	



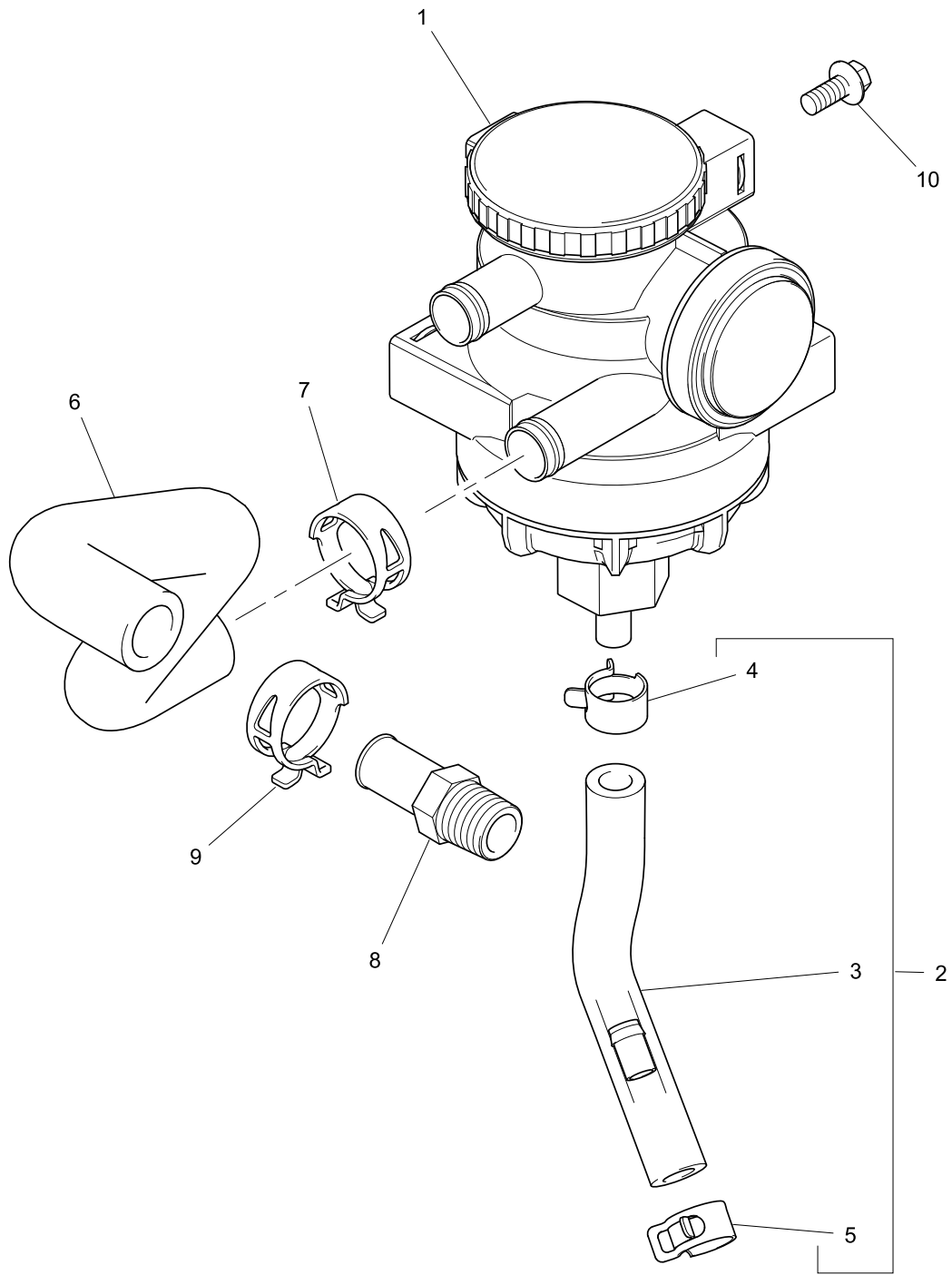
NOx Reduction System	Plate A
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	T433904		1	COOLER	
2	T432113		1	PIPE - COOLER TO MANIFOLD	
3	T432095		1	GASKET	
4	2314F003		2	SCREW	
5	T432095		1	GASKET	
6	2314F005		2	SCREW	
7	T432131		1	HOSE	
8	2481863		1	HOSE CLIP	
9	2481863		1	HOSE CLIP	

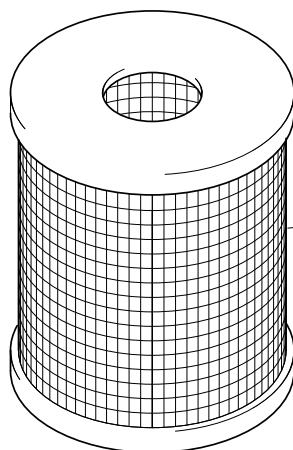
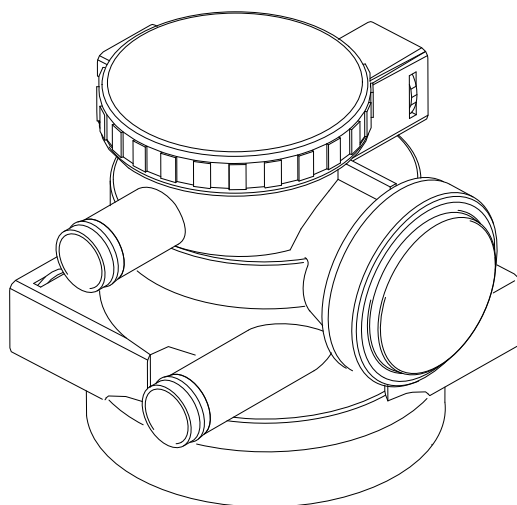


NOx Reduction System	Plate B
	5412249

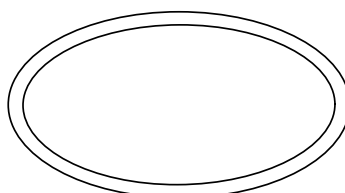
Item	Part No.	References	Qty.	Description	Notes
1	T433908		1	VALVE ASSEMBLY	
2	T432843		1	GASKET	
3	T431846		1	SEAL - O RING	
4	2314F005		4	SCREW	
5	T432094		1	GASKET	
6	2314H004		2	SCREW	
7	2314H004		2	SCREW	
8	T432130		1	HOSE	
9	2481863		1	HOSE CLIP	
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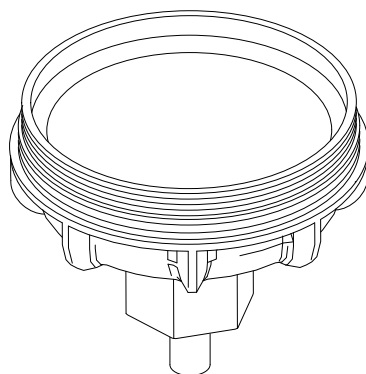
Item	Part No.	References	Qty.	Description	Notes
1	110056060		1	BREATHER	
2	130806250		1	HOSE	
3		⇒ 130806250	1	HOSE	
4	067200150		1	CLIP	
5	067200150		1	CLIP	
6	T432084		1	HOSE	
7	T426675		1	HOSE CLIP	
8	198487890		1	CONNECTION	
9	T426675		1	HOSE CLIP	
10	2314F003		3	SCREW	



1

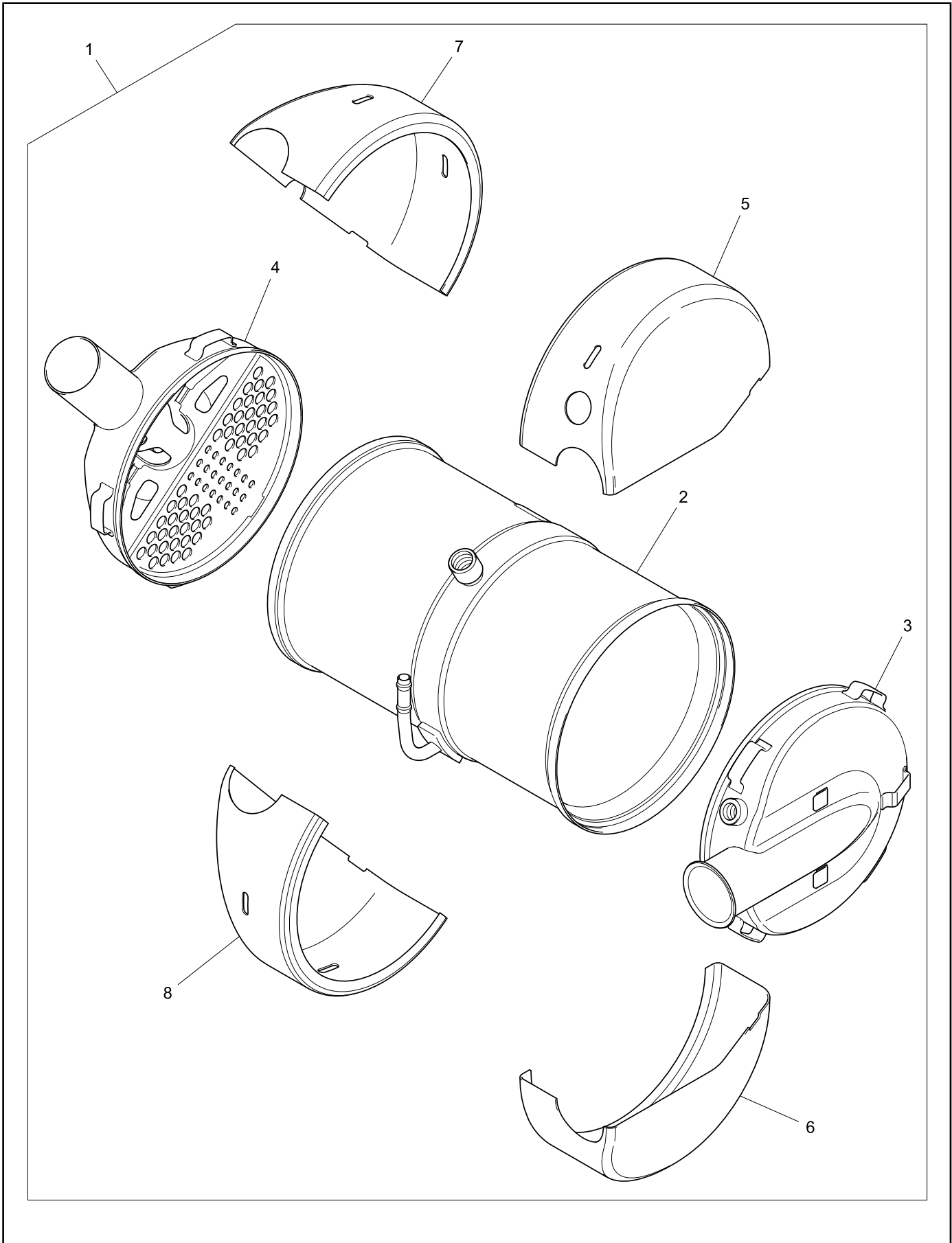


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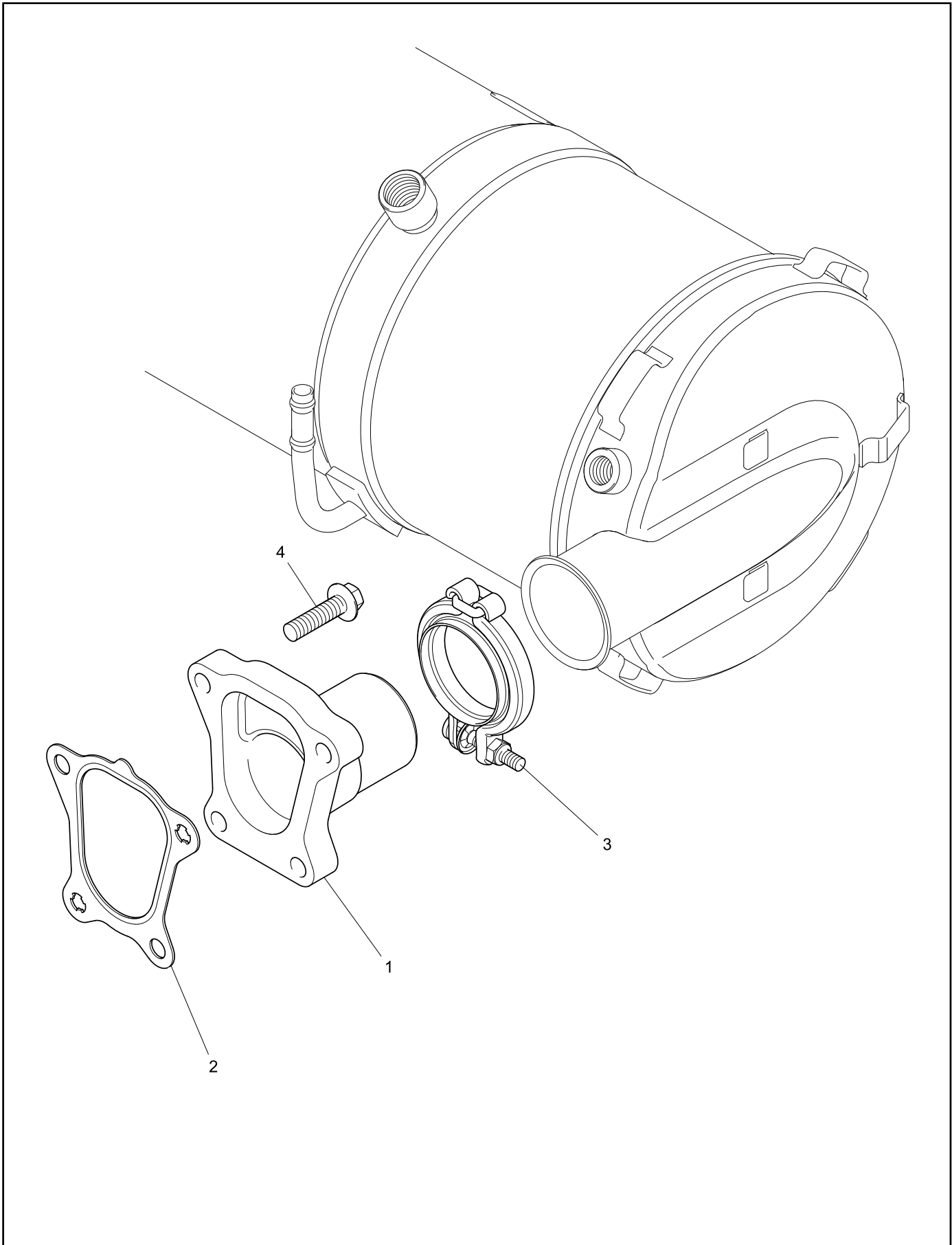
NOx Reduction System	Plate D
	5412249

Item	Part No.	References	Qty.	Description	Notes
1	110536010		1	BREATHER ELEMENT	
2	052109136		1	SEAL - O RING	



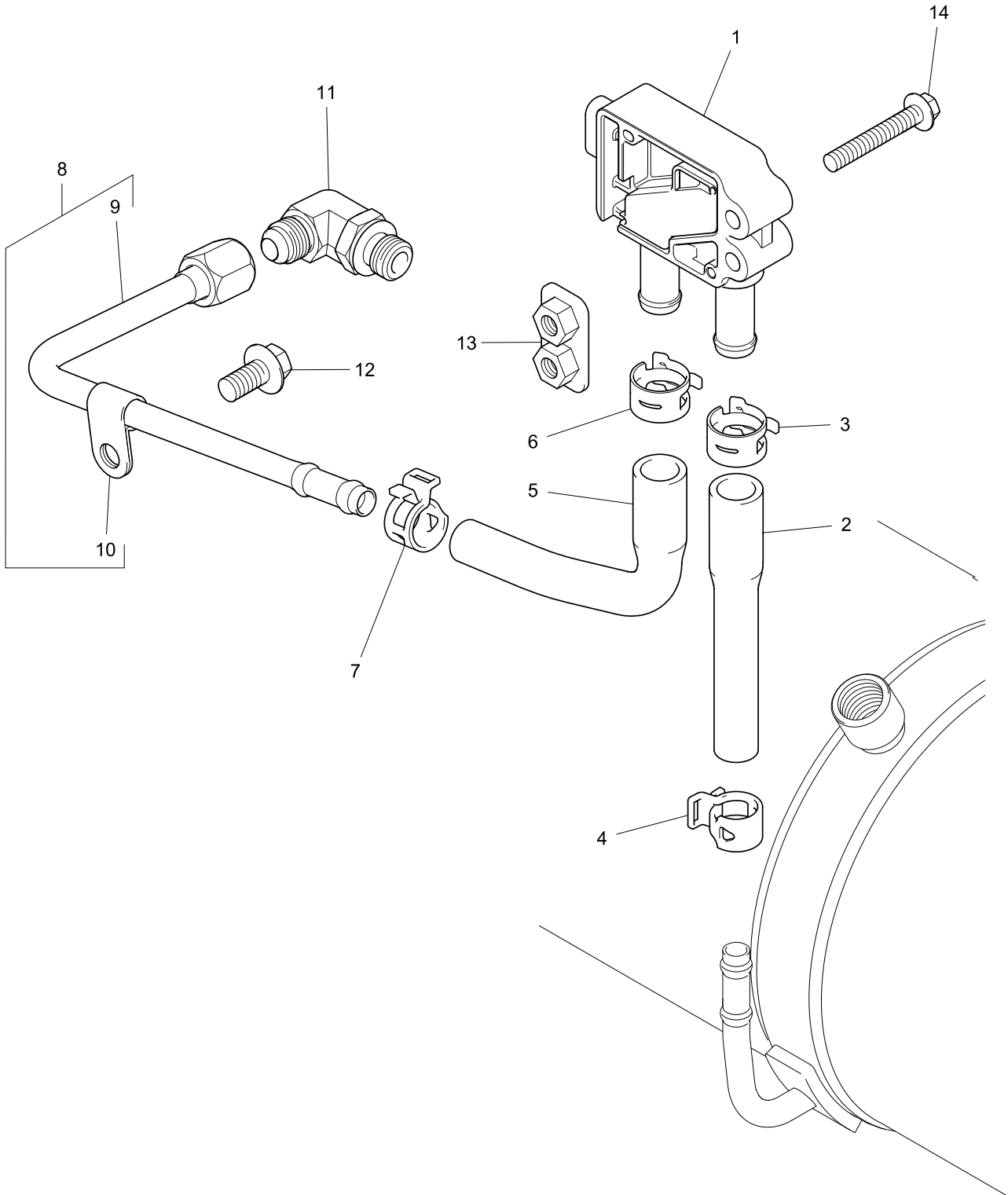
NOx Reduction System	Plate A
	5242331

Item	Part No.	References	Qty.	Description	Notes
1	T432377		1	AIR FILTER ASSEMBLY	
2		⇒ T432377	1	FILTER	
3		⇒ T432377	1	INLET	
4		⇒ T432377	1	OUTLET	
5		⇒ T432377	1	HEATSHIELD	
6		⇒ T432377	1	HEATSHIELD	
7		⇒ T432377	1	HEATSHIELD	
8		⇒ T432377	1	HEATSHIELD	



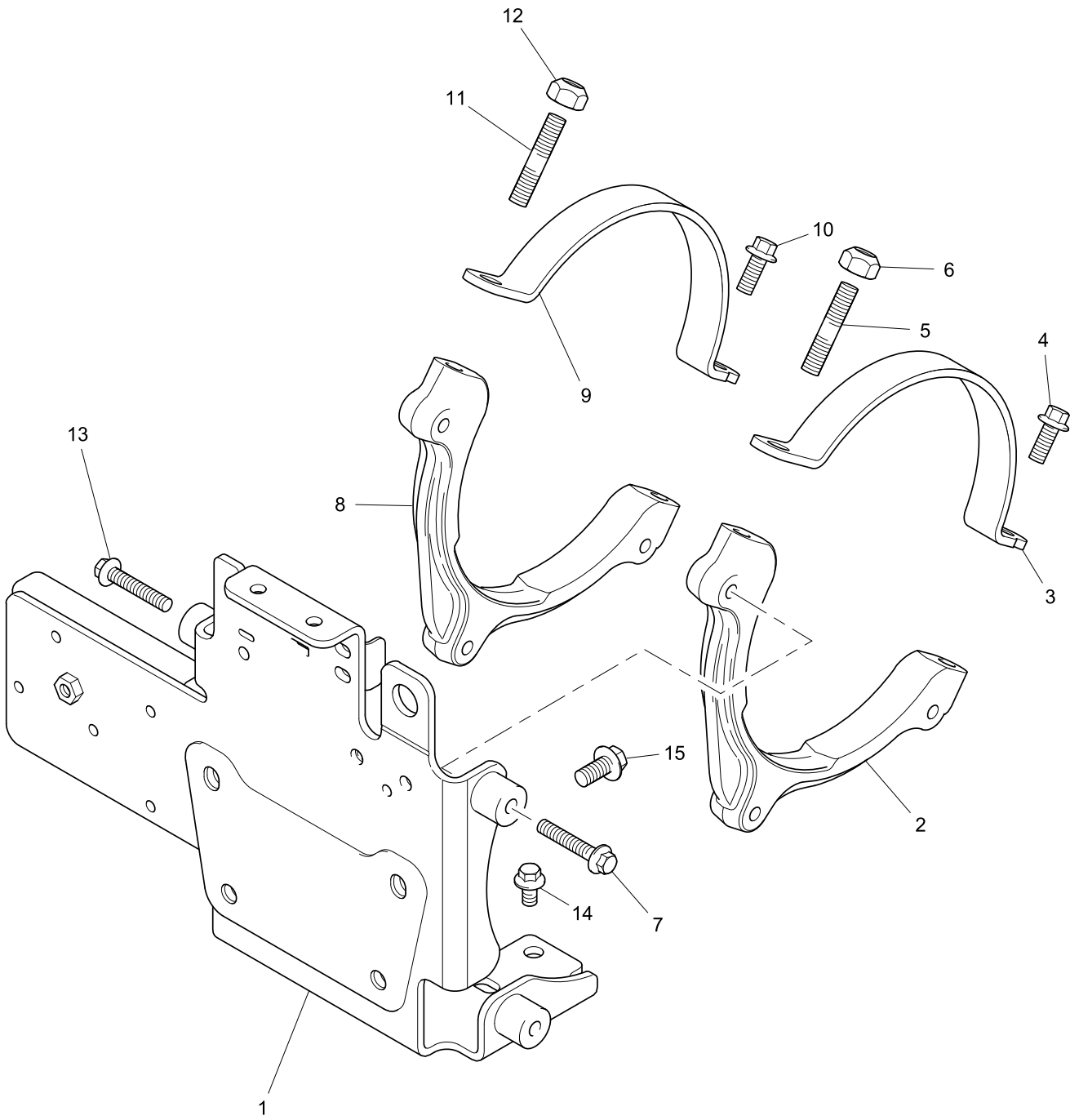
Exhaust Outlet	Plate A
	5242331

Item	Part No.	References	Qty.	Description	Notes
1	T432398		1	EXHAUST OUTLET	
2	T432096		1	GASKET - EXHAUST	
3	T432101		1	CLAMP	
4	2314H005		4	SCREW	

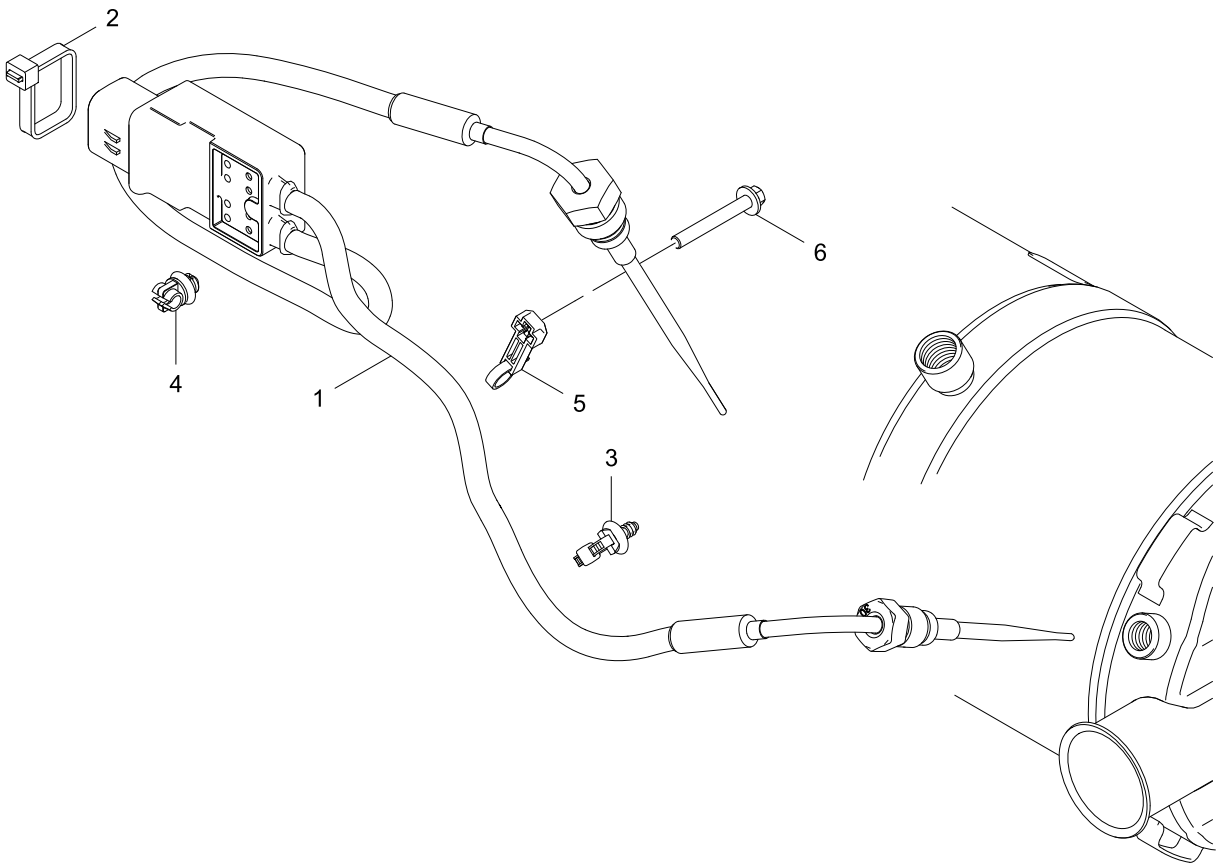


CEM - Sensors	Plate B
	5242331

Item	Part No.	References	Qty.	Description	Notes
1	T430823		1	SENSOR	
2	T432081		1	HOSE	
3	T432422		1	CLAMP	
4	T424437		1	CLAMP	
5	T432080		1	HOSE	
6	T432422		1	CLAMP	
7	T424437		1	CLAMP	
8	T432120		1	PIPE - AIR BALANCE	
9		⇒ T432120	1	PIPE - AIR BALANCE	
10	36565517		1	CLIP	
11	T402565		1	ADAPTOR	
12	2314H002		1	SCREW	
13	T432088		1	PLATE CLAMPING	
14	2314F009		2	SCREW	

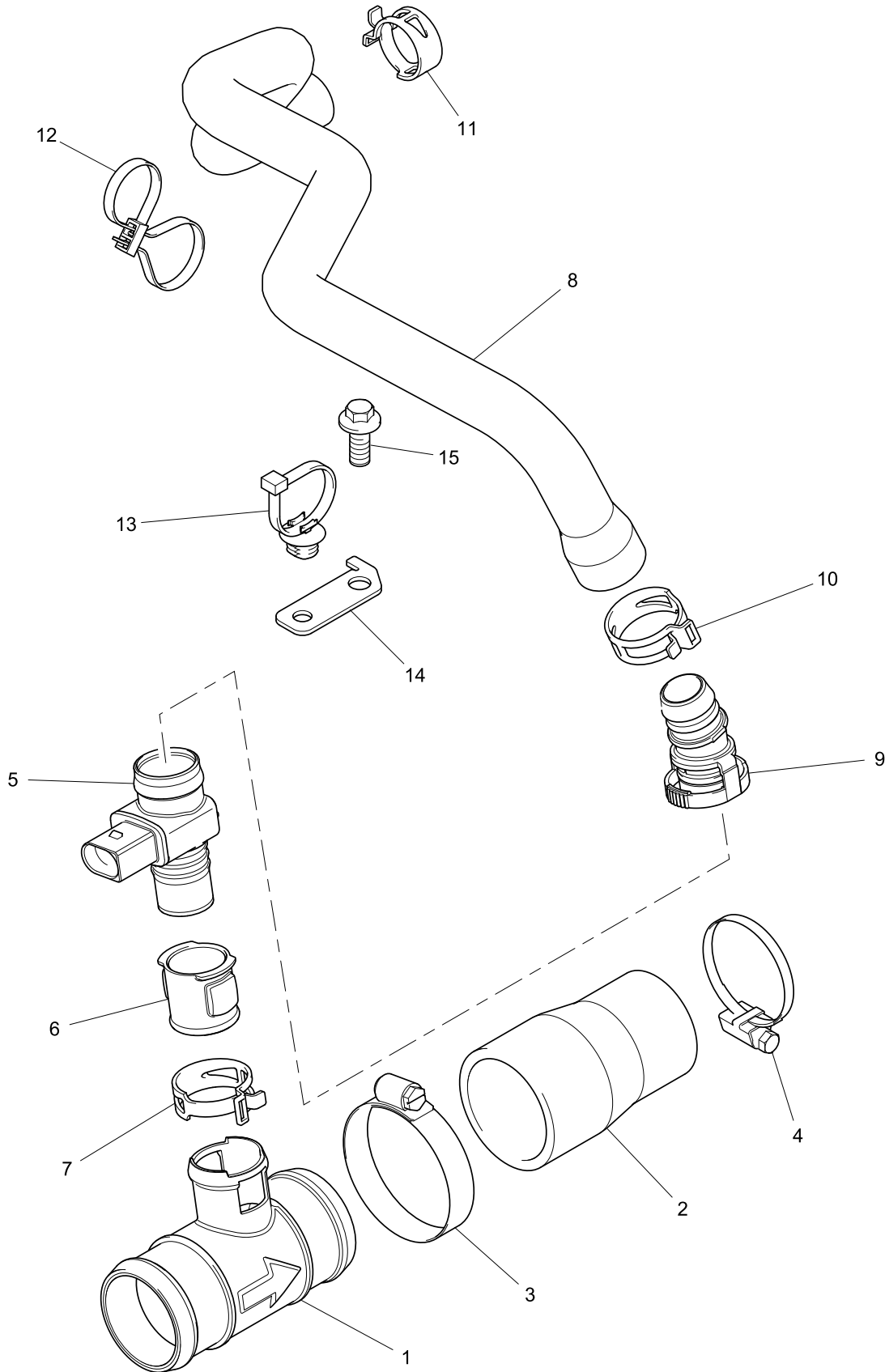


Item	Part No.	References	Qty.	Description	Notes
1	T432118		1	BRACKET ASSEMBLY	
2	T432119		1	CLAMP	
3	T432078		1	CLAMP	
4	2314H003		1	SCREW	
5	T432038		1	STUD	
6	2318D240		1	NUT	
7	2314H008		2	SCREW	
8	T432119		1	CLAMP	
9	T432078		1	CLAMP	
10	2314H003		1	SCREW	
11	T432038		1	STUD	
12	2318D240		1	NUT	
13	2314H008		2	SCREW	
14	2314H001		2	SCREW	
15	2314J002		4	SCREW	

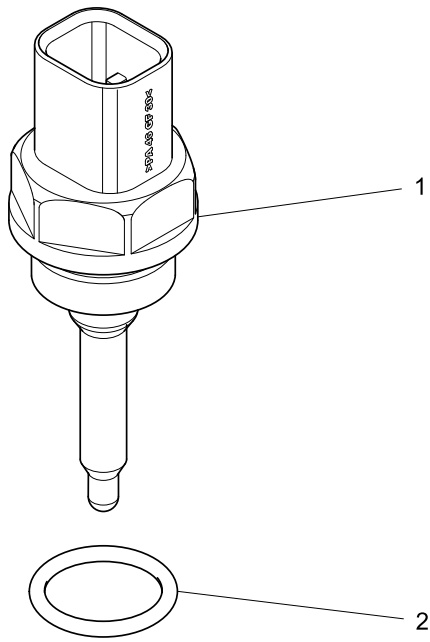


CEM - Sensors	Plate A
	5242331

Item	Part No.	References	Qty.	Description	Notes
1	T433897		1	TEMPERATURE SENSOR	
2	T406992		1	CABLE TIE	
3	T409240		1	CABLE TIE	
4	2481D454		1	CLIP	
5	T434378		1	CABLE TIE	
6	2314F010		2	SCREW	

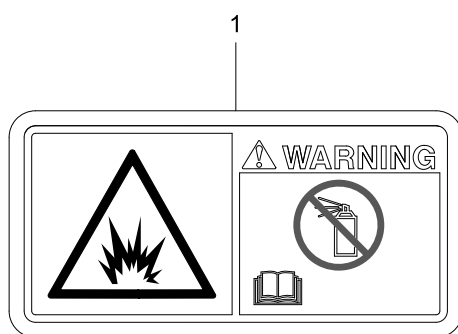


Item	Part No.	References	Qty.	Description	Notes
1	T422319		1	PIPE - AIR	
2	135591220		1	HOSE - AIR	
3	0180069	→	1	CLIP	
4	398750450		1	HOSE CLIP	
5	T412087		1	HEATER	
6	135591250		1	BUSH	
7	T428346		1	HOSE CLIP	
8	T432091		1	HOSE	
9	T412089		1	CONNECTOR	
10	T424439		1	HOSE CLIP	
11	T426675		1	HOSE CLIP	
12	T401687		1	CABLE TIE	
13	T409393		1	CABLE TIE	
14	T432124		1	BRACKET	
15	2314H002		1	SCREW	



Temperature Sensor	Plate A
	5667563

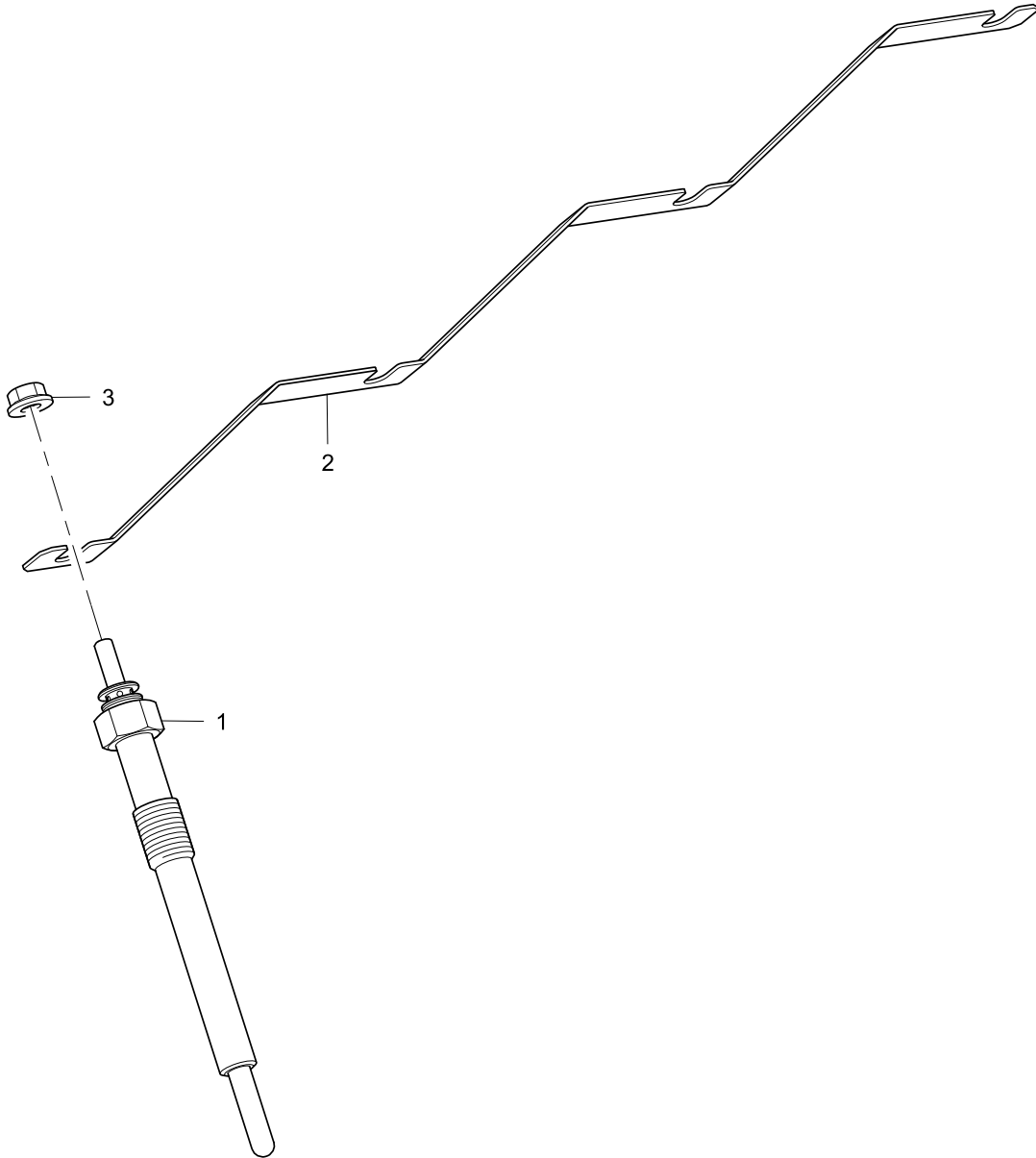
Item	Part No.	References	Qty.	Description	Notes
1	T407354		1	TEMPERATURE SENSOR	
2	2415H003		1	SEAL - O RING	



Warning Labels	Plate A
	5667563

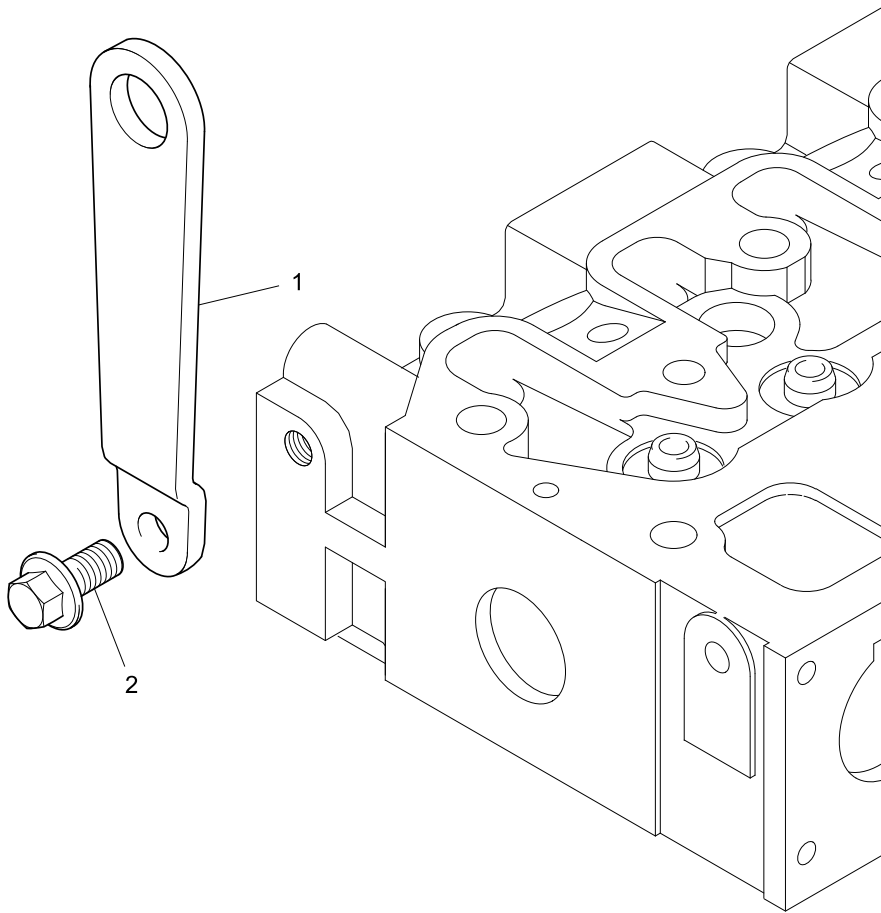
Item	Part No.	References	Qty.	Description	Notes
1	2638C245		1	LABEL	(1)(2)

Footnotes	
(1)	REFER TO SERVICE BULLETIN NO.81 (1100 SERIES)
(2)	ETHER WARNING LABEL



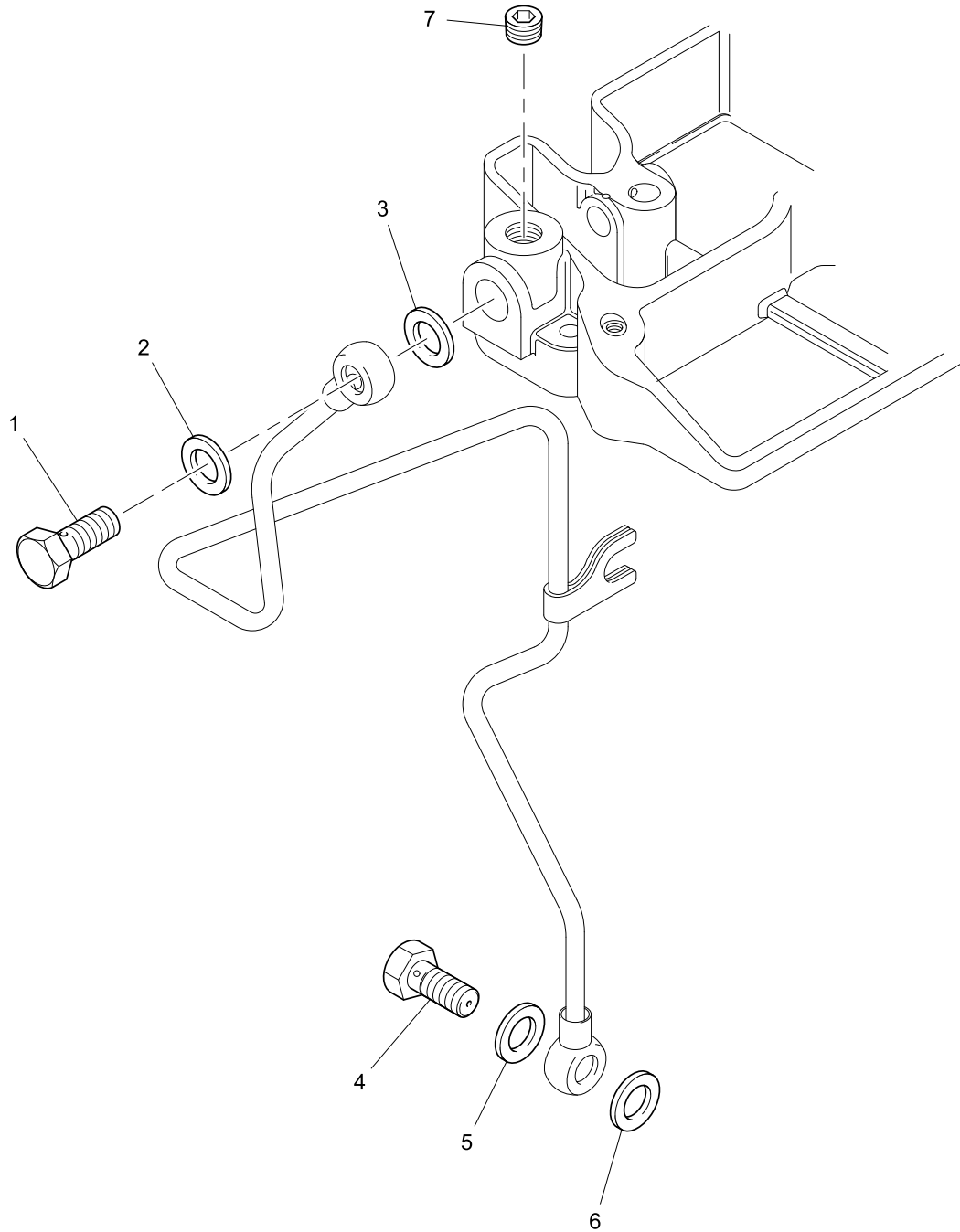
Cold Start System	Plate A
	5285605

Item	Part No.	References	Qty.	Description	Notes
1	T431257		4	GLOWPLUG	
2	185376180		1	CONNECTION	
3	023100004		4	NUT	

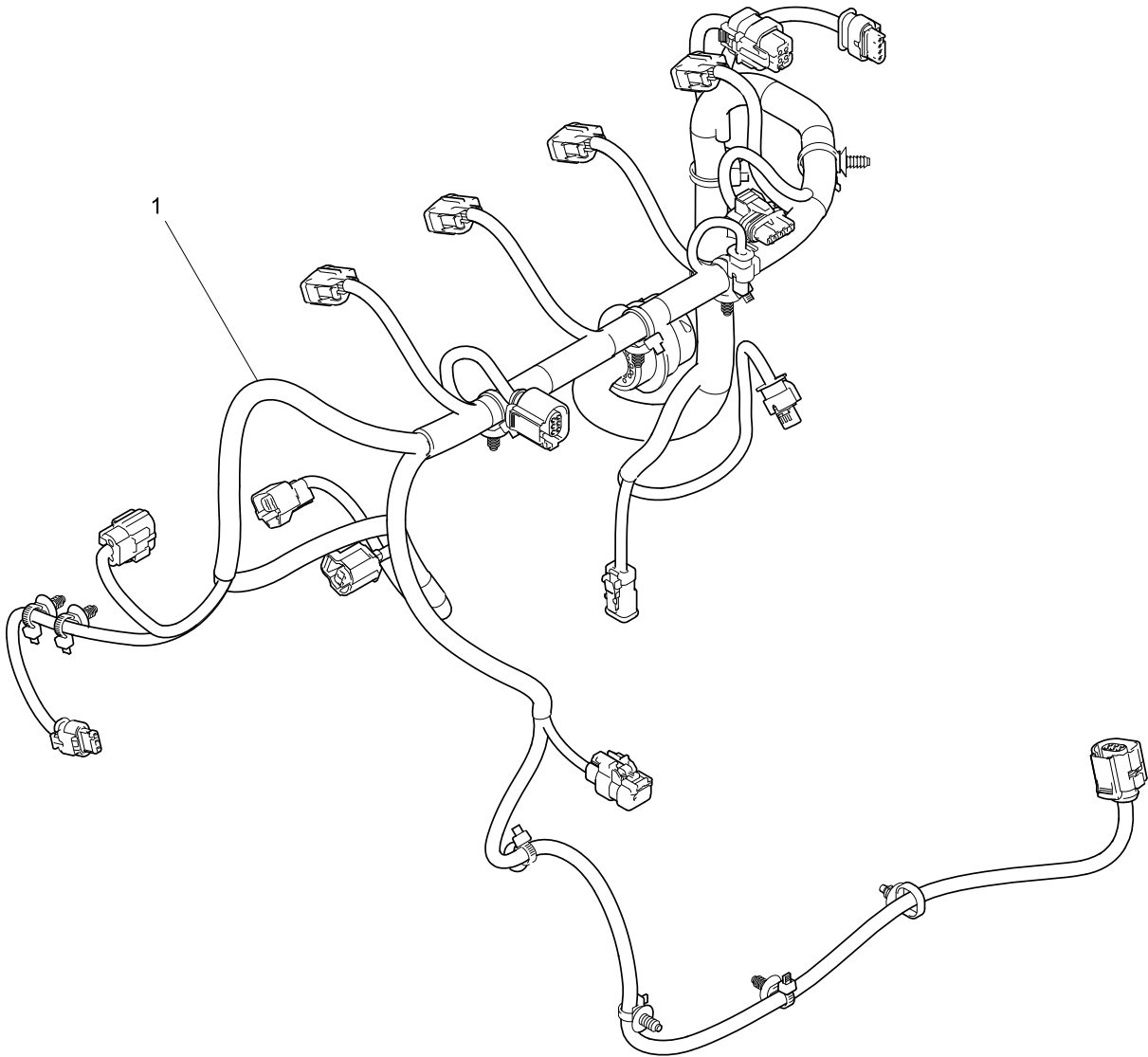


Engine Lifting Eyes	Plate A
	5285607

Item	Part No.	References	Qty.	Description	Notes
1	195816941		1	LIFTING EYE	
2	T425405		1	BOLT	

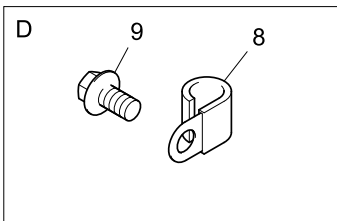
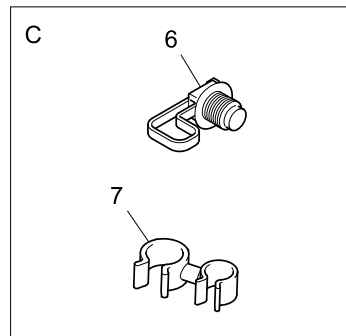
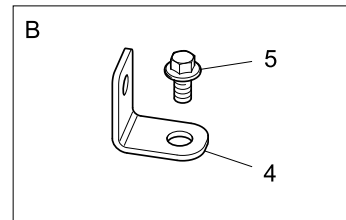
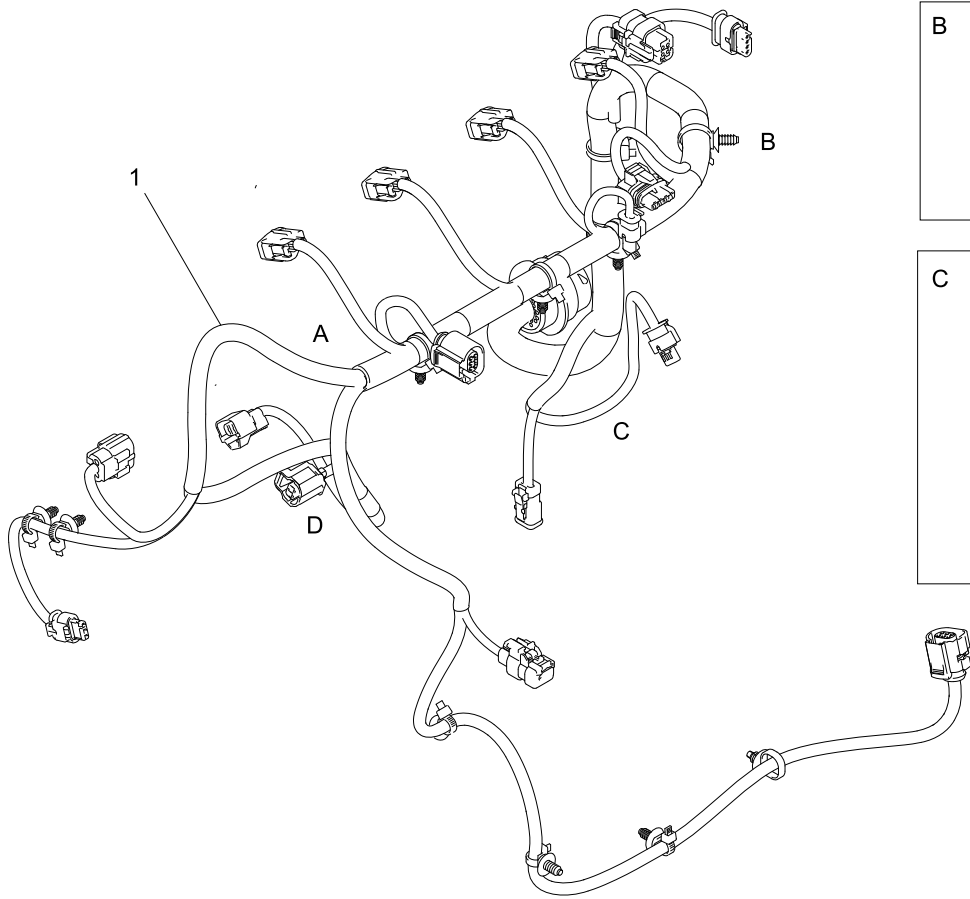
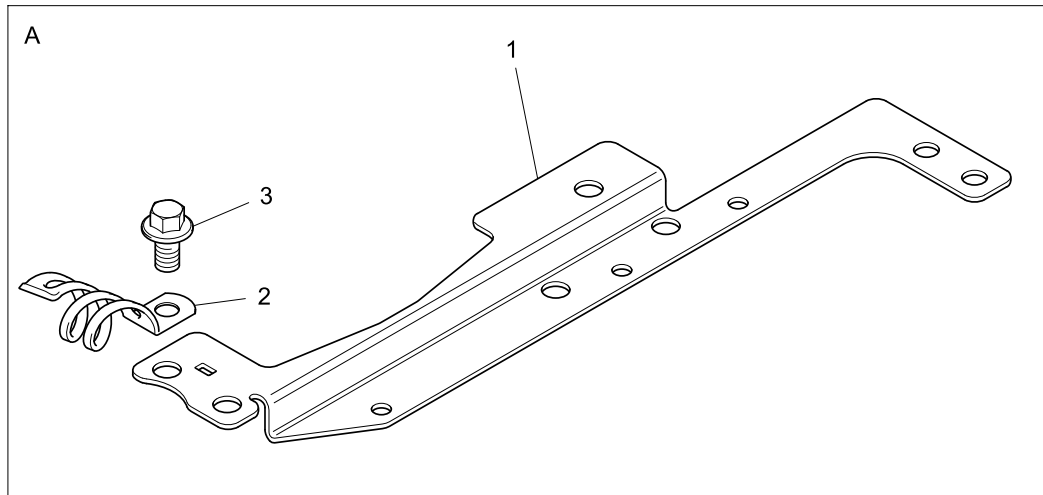


Item	Part No.	References	Qty.	Description	Notes
1	198486780		1	BANJO BOLT	
2	140996260		1	WASHER	
3	140996260		1	WASHER	
4	198486780		1	BANJO BOLT	
5	140996260		1	WASHER	
6	140996260		1	WASHER	
7	064400010	↔	1	PLUG	



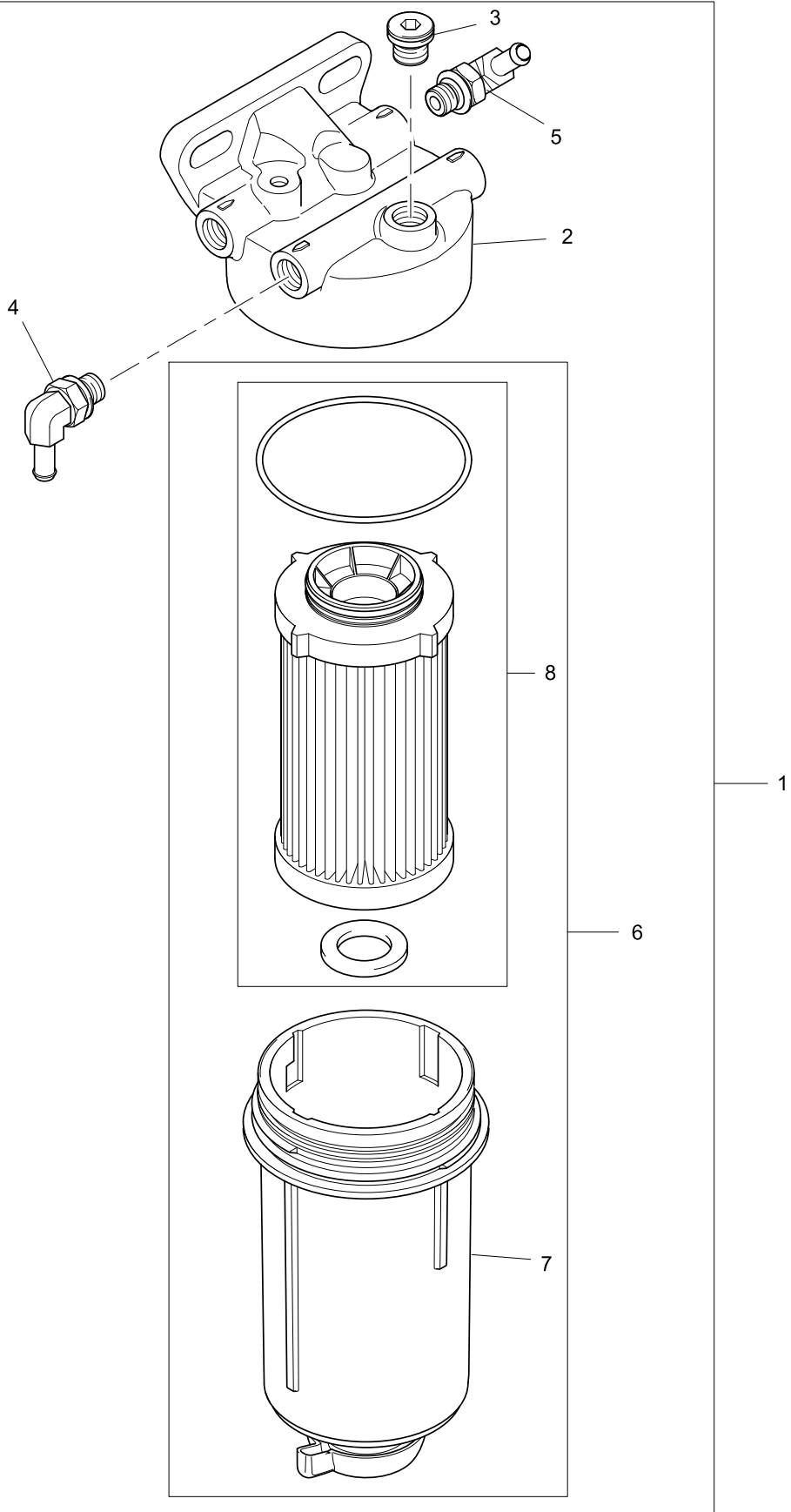
Wiring Harness	Plate A
	5675720

Item	Part No.	References	Qty.	Description	Notes
1	T433460	↔	1	HARNESS	



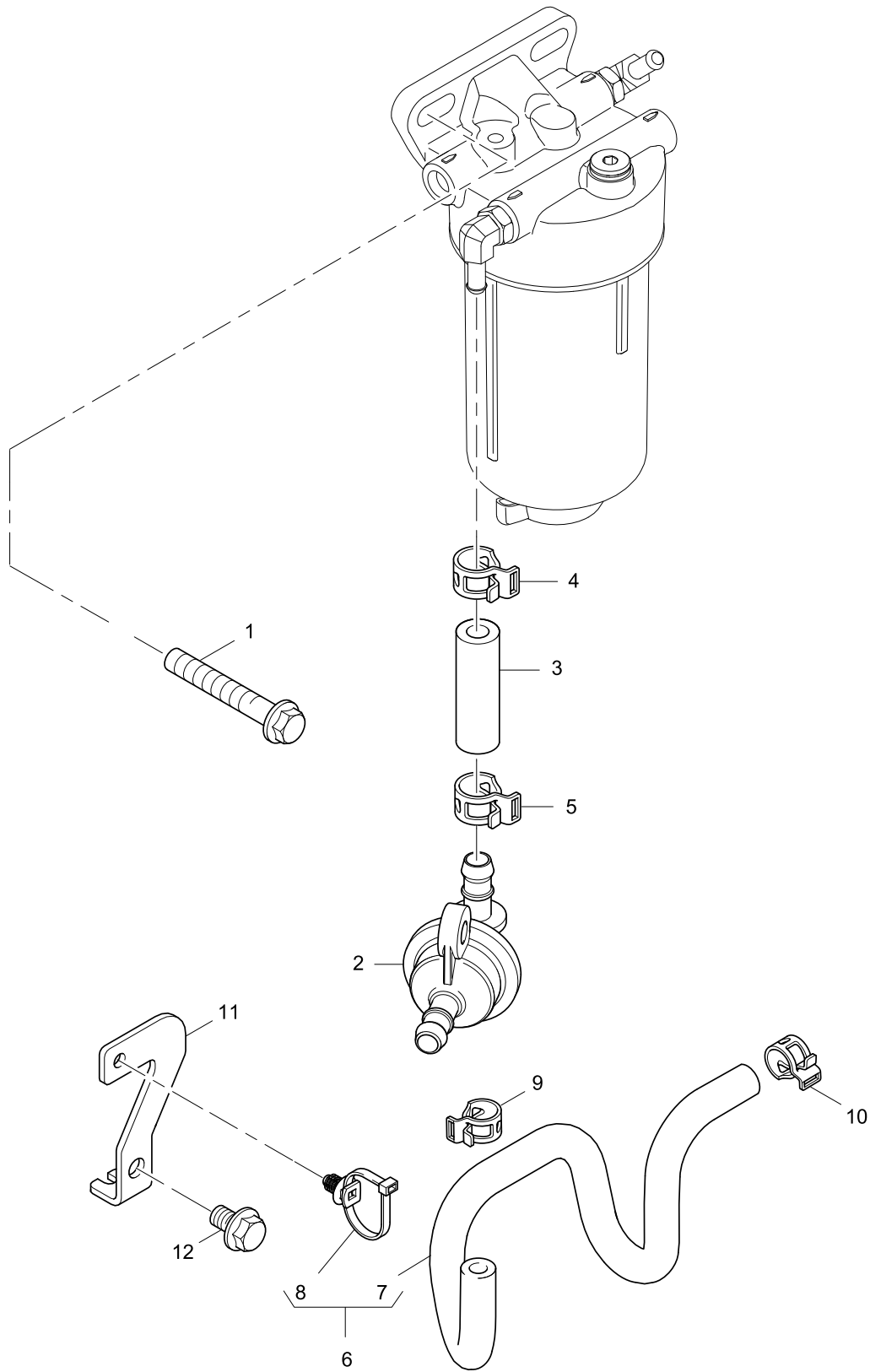
Wiring Harness	Plate B
	5675720

Item	Part No.	References	Qty.	Description	Notes
1	T432099		1	BRACKET	
2	399113620		2	CLAMP	
3	2314H002		5	SCREW	
4	U85977760		1	STAY	
5	2314F002		1	SCREW	
6	2817A011		1	WIRING CLIP	
7	T433305		1	WIRING CLIP	
8	399111040		1	CLAMP	
9	2314H001		1	SCREW	







Fuel Filter	Plate A
	4665550

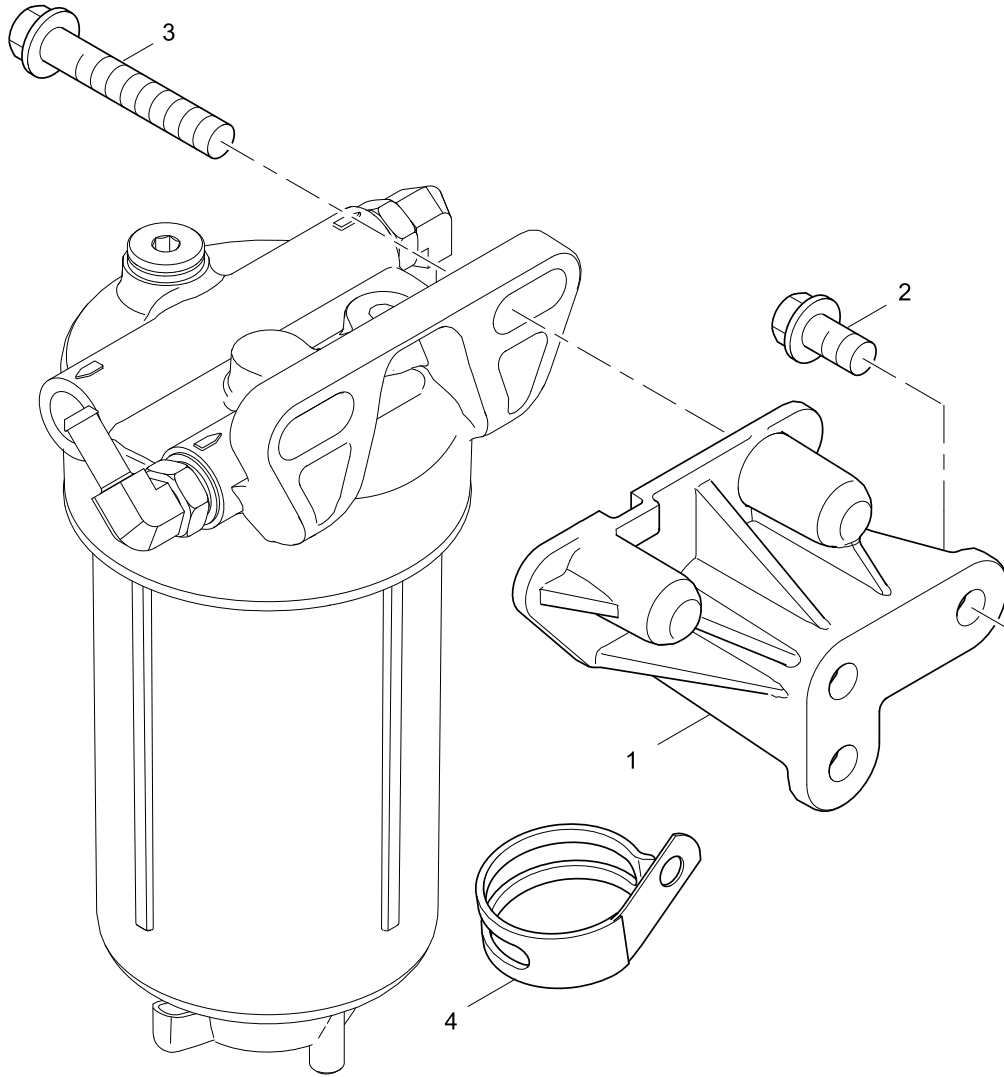
Item	Part No.	References	Qty.	Description	Notes
1	4908254		1	FUEL FILTER ASSEMBLY	
2		⇒ 4908254	1	FUEL FILTER HEAD	
3	T423465		1	PLUG	
4	T423463		1	ELBOW	
5	T423463		1	ELBOW	
6	4906247		1	FUEL FILTER HOUSING	
7		⇒ 4906247	1	FUEL FILTER HOUSING	
8	4906245		1	FUEL FILTER	



Fuel Filter	Plate B
	4665550

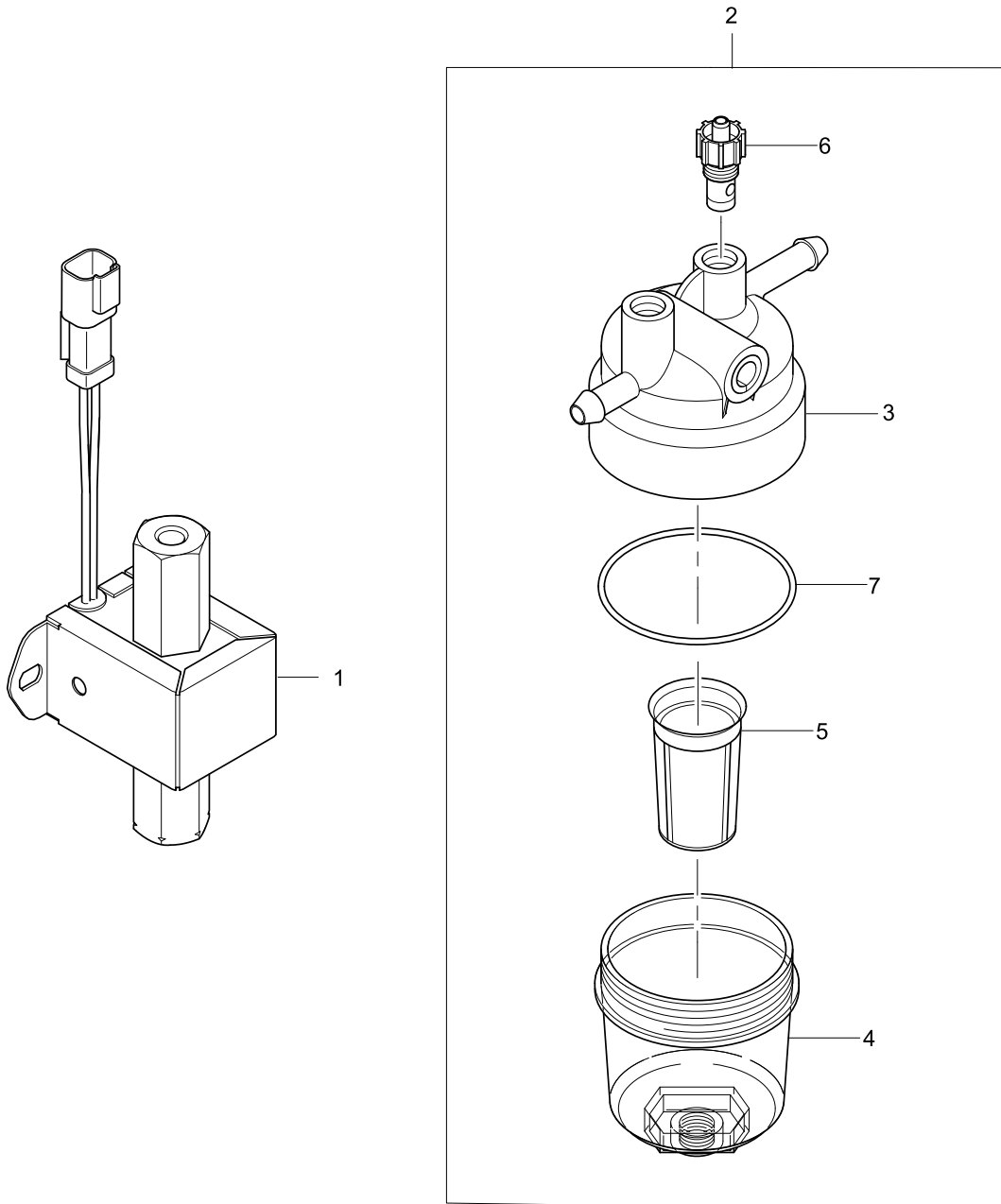
Item	Part No.	References	Qty.	Description	Notes
1	2314J005		1	SCREW	
2	T408360		1	RELIEF VALVE	
3	T422231		1	HOSE - FUEL	
4	T424437	 a.	1	CLAMP	
5	T424437	 a.	1	CLAMP	
6	T422253		1	HOSE - FUEL	
7		⇒ T422253	1	HOSE - FUEL	
8	T409240		1	CABLE TIE	
9	T424437	 a.	1	CLAMP	
10	T424437	 a.	1	CLAMP	
11	T422201		1	BRACKET	
12	2314H102		1	SCREW	

History					
a.					
	T422532		1	BRACKET	
	2314F004		1	SCREW	
4	2481882		1	CLIP	
5	2481882		1	CLIP	
9	2481882		1	CLIP	
10	2481882		1	CLIP	



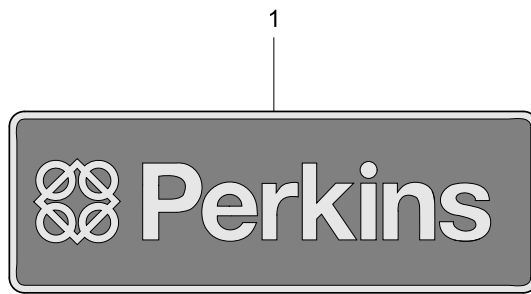
Fuel Filter	Plate C
	4665550

Item	Part No.	References	Qty.	Description	Notes
1	T421705		1	BRACKET	
2	2314H002		3	SCREW	
3	2314J005		1	SCREW	
4	399113620		1	CLAMP	



Fuel Filter	Plate A
	4959885

Item	Part No.	References	Qty.	Description	Notes
1	4950715		1	LIFT PUMP	
2	130306380		1	PRE-FUEL FILTER ASSY	
3		⇒ 130306380	1	FUEL FILTER HEAD	
4	26560182		1	FUEL FILTER BOWL	
5	130306360		1	PRE-FUEL FILTER	
6	26560183		3	DRAIN PLUG	
7	26560184		1	SEAL - O RING	



Engine Identification Labels	Plate A
	5504407

Item	Part No.	References	Qty.	Description	Notes
1	T429007		1	LABEL	

ADAPTOR			
2486A225	79		
340674010	15		
T402565	123		
T432105	105		
AIR FILTER ASSEMBLY			
T432377	119		
ALTERNATOR			
T423270	85		
ALTERNATOR BRACKET			
T423492	85		
BACKPLATE			
110367570	53		
BALL BEARING			
040106203	13		
040109057	37		
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198481150	47		
198486780	139		
T423366	99		
T431915	47		
BEARING HOLDER ASSEMBLY			
110156360	25		
110156370	25		
110156380	25		
110156390	25		
110416290	93		
BELT			
5138591	87		
T418022	87		
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T402620	29		
BIG END BRG KIT - U/S			
U5ME0030A	29		
U5ME0030B	29		
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010109341	55		
010700860	25		
011310655	77		
T425405	137		
T432082	33		
T432083	33		
T432212	109		
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120346262	35		
120346341	35		
T421705	149		
T422201	147		
T422532	147		
T432099	143		
T432102	85		
T432124	129		
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T432118	125		
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110056060	115		
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110536010	117		
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135591250	129		
198517222	13		
198517226	13		
198517229	13		
198517645	27		
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T401687	129		
T406992	127		
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T432101	121		
T432119	125		
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2481D454	127		
36565517	123		
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199236540	23		
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115026390	27		
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115176140	27		
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020109120	27		
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165206740	89		
U65206791	93		
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T430998	25		
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U15276270	25		
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U15397401	73		
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030500616	89		
030501025	13		
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U45996930	77		
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131501110	45	ROCKER BOX ASSEMBLY	
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131607330	47	120316201	35
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T432003	53	140996260	139
SPRING		199280300	35
198216720	23	2411D010	107
SPRING PIN		T432437	85
T30309005	13	T432440	85
STARTER RING		WATER PUMP KIT	
U15376160	55	T432009	75
STAY		WIRING CLIP	
U85977760	143	2817A011	143
STUD		T433305	143
012109044	35		
012109235	97		
012110625	35		
012110635	75		
012110645	89		
012110655	31		
T432038	125		
SUMP			
U10701050	63		

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