

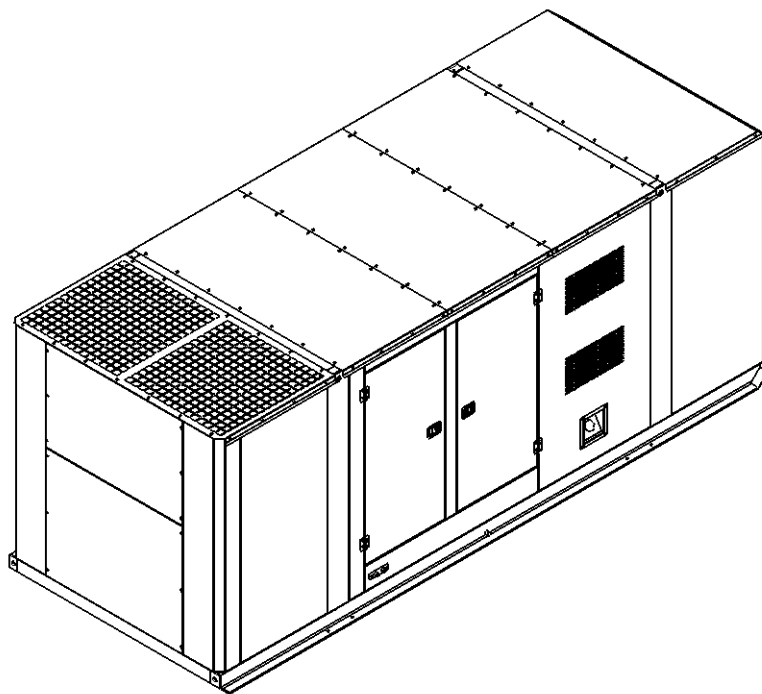


Portable Power

G435XW/XF-50Hz / G470XW/XF-60Hz

PARTS MANUAL

SERIAL No : G435XWNCE50001->, G435XFNCE50001->, G470XWNCE60001->, G470XFNCE60001





Portable Power

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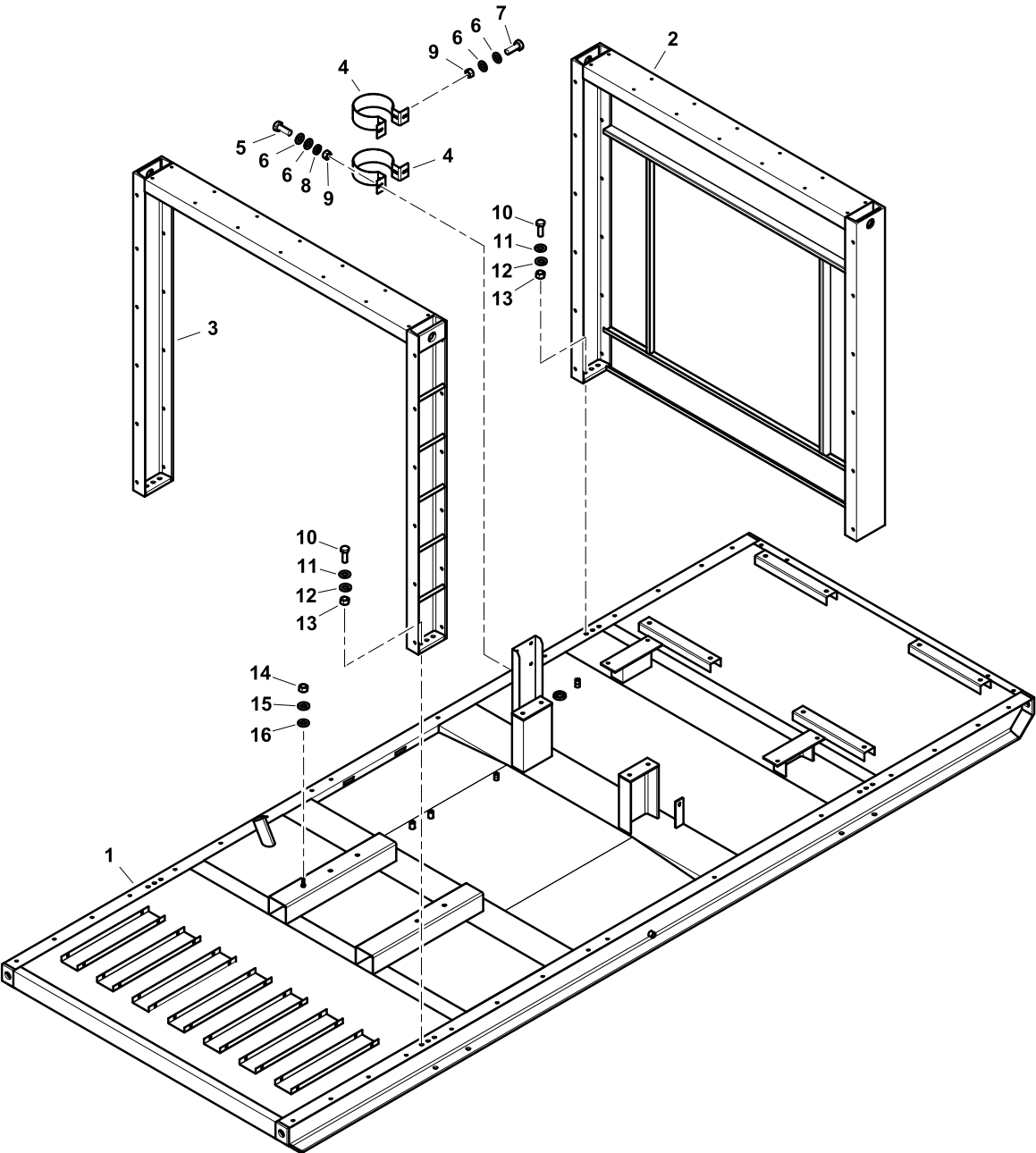
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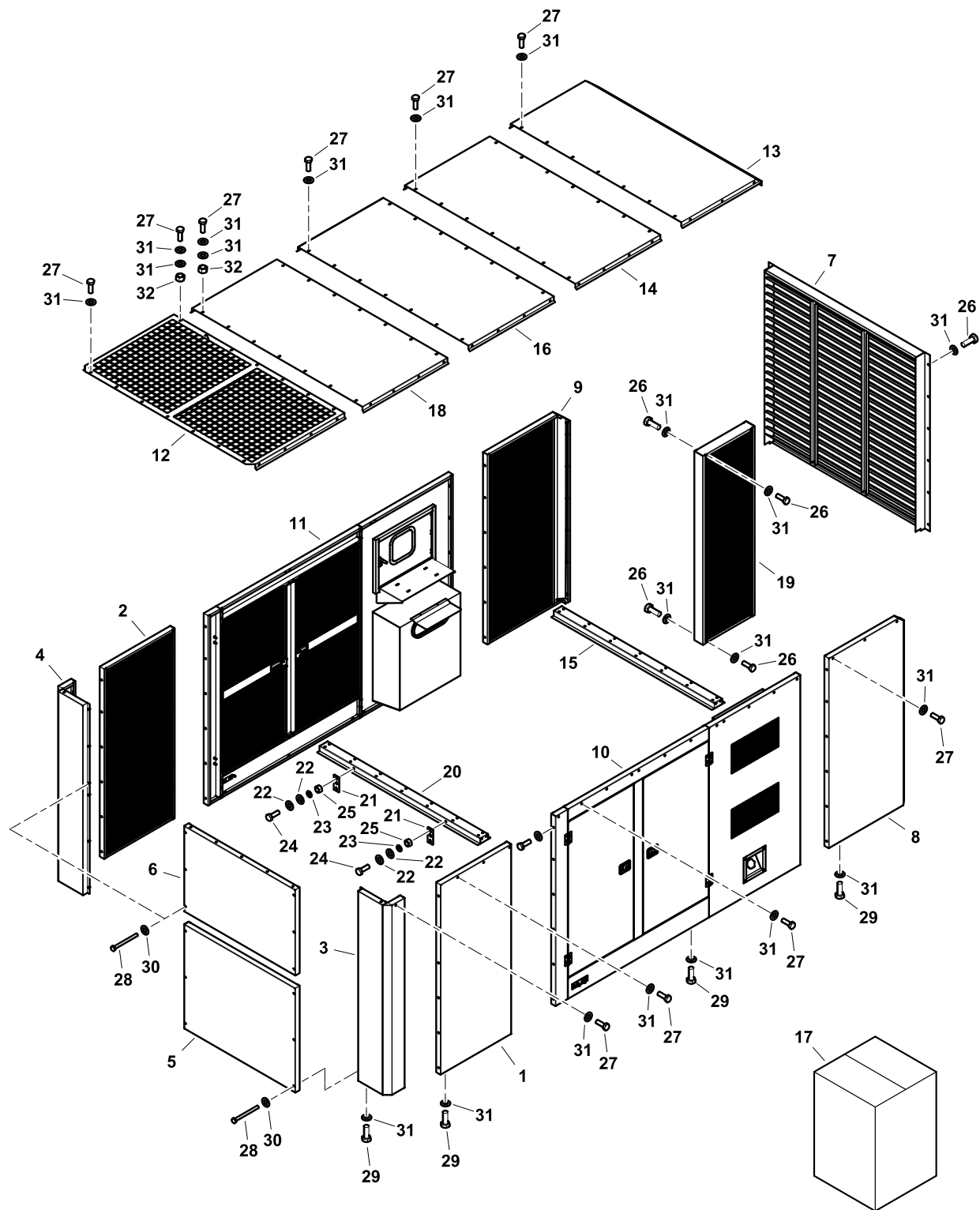
MAIN FRAME



MAIN FRAME

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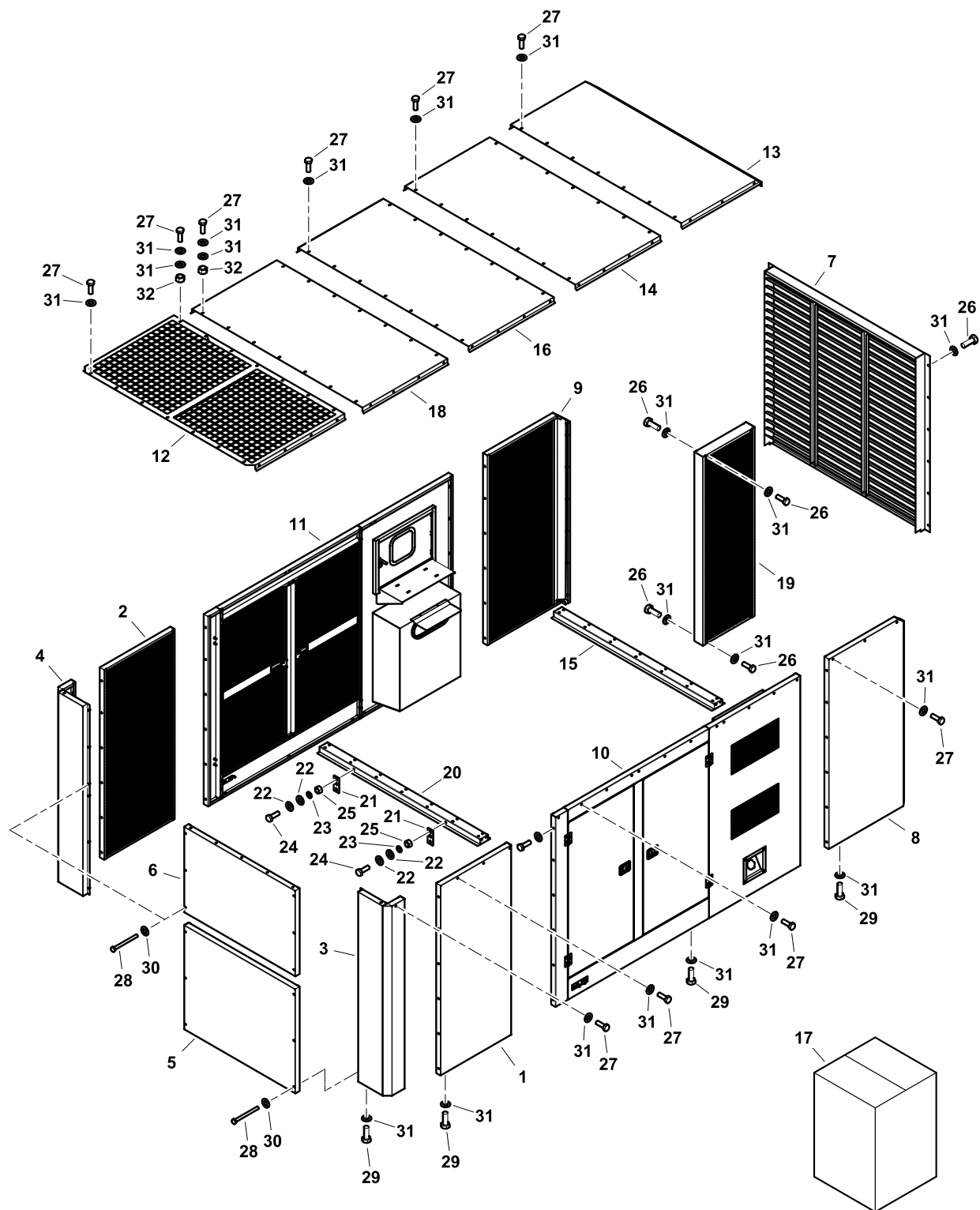
ENCLOSURE



ENCLOSURE

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46679705	PANEL ASSEMBLY			1
2	46679719	PANEL ASSEMBLY			1
3	46679726	PANEL ASSEMBLY			1
4	46679732	PANEL ASSEMBLY			1
5	46679734	PANEL ASSEMBLY			1
6	46679760	PANEL ASSEMBLY			1
7	46679765	PANEL ASSEMBLY			1
8	46679766	PANEL ASSEMBLY			1
9	46679778	PANEL ASSEMBLY			1
10	NAP	PANEL ASSEMBLY			1
11	NAP	PANEL ASSEMBLY			1
12	46679834	PANEL ASSEMBLY			1
13	46679835	PANEL ASSEMBLY			1
14	46679836	PANEL ASSEMBLY			1
15	46679850	CROSSBAR, FRONT			1
16	46679851	PANEL ASSEMBLY			1
17	46679873	CROSSBAR ASSY, REAR	w/Ref. 20-25		1
18	46679876	PANEL ASSEMBLY			1
19	46679885	ACOUSTIC WALL ASSY			7
20	46679874	CROSSBAR, REAR			1
21	46679875	HOLDER			2
22	92061498	WASHER			4
23	92304674	WASHER			2
24	92329309	SCREW			2
25	96735550	NUT			2
26	46679813	SCREW			70
27	46679832	SCREW			149
28	46679889	SCREW			12
29	46679890	SCREW			34
30	92061498	WASHER			34
31	92304609	WASHER			271

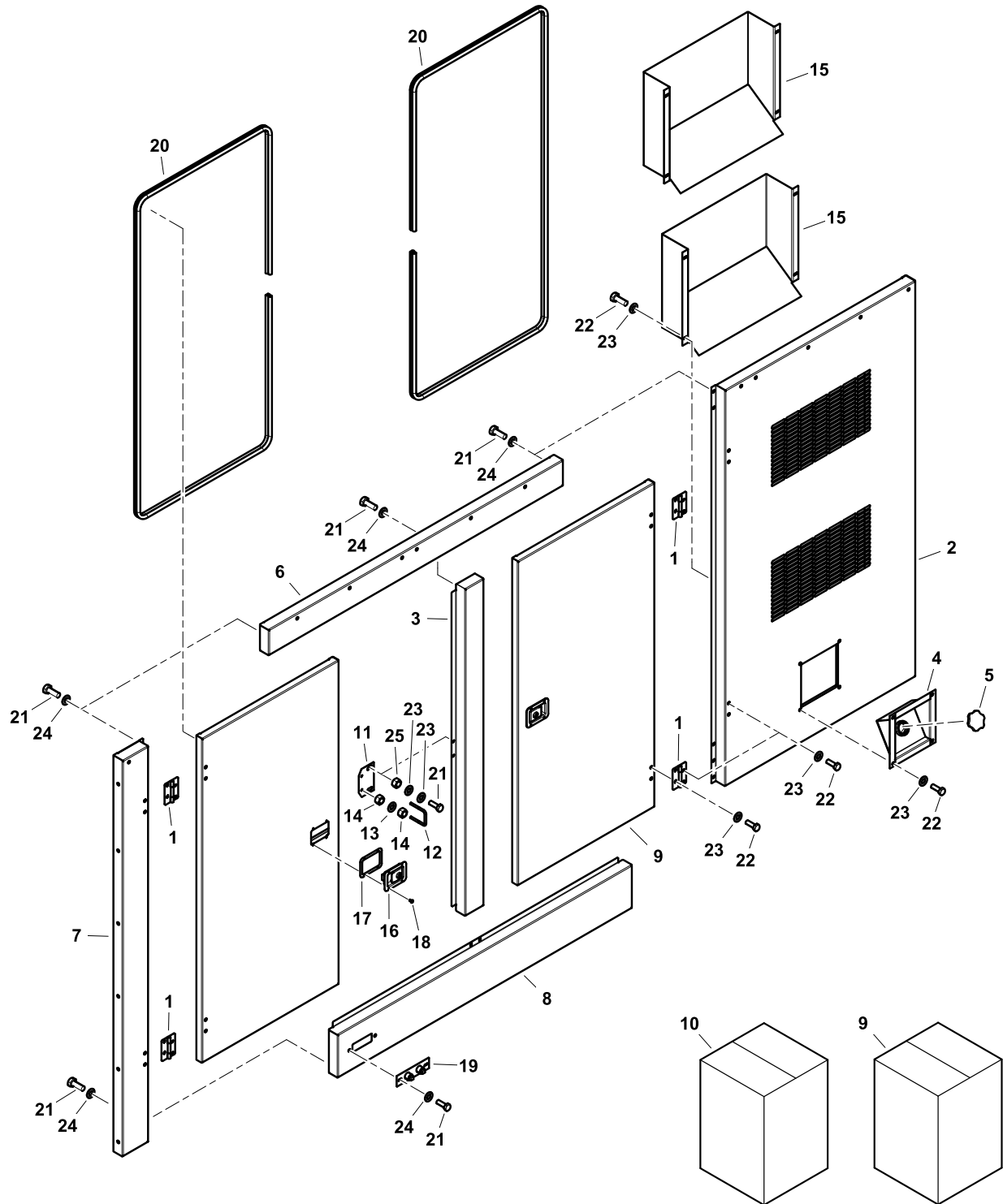
ENCLOSURE



ENCLOSURE

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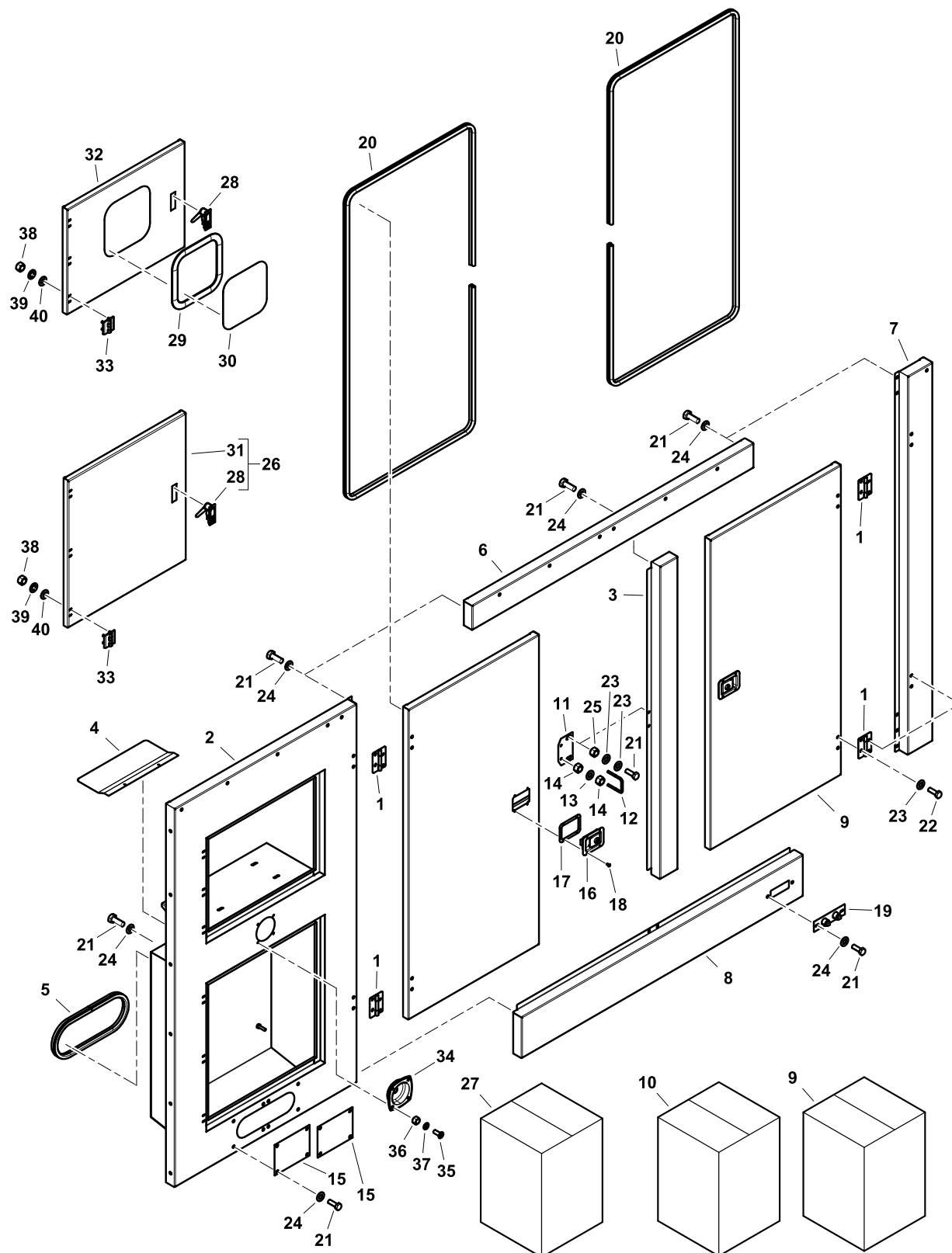
ENCLOSURE MIDDLE L



ENCLOSURE MIDDLE L

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46677274	HINGE, DOOR			4
2	46679781	PANEL ASSEMBLY			1
3	46679789	PANEL ASSEMBLY			1
4	46679792	INPUT, TANK			1
5	46679793	CAP, TANK			1
6	46679782	PANEL ASSEMBLY			1
7	46679785	PANEL ASSEMBLY			1
8	46679787	PANEL ASSEMBLY			1
9	46679794	PANEL ASSEMBLY	w/Ref. 16–18		2
10	46679800	HOLDER, LOCK	w/Ref. 11–14		2
11	46679801	HOLDER, LOCK			1
12	46679802	U-BOLT			1
13	92304583	WASHER			2
14	96705132	NUT			4
15	46679806	PANEL, INTAKE POCKET			2
16	46679799	LOCK			1
17	46679798	GASKET			1
18	92271915	RIVET			4
19	46679810	BUSHING ASSY			1
20	46679809	GASKET, DOOR			2
21	46679813	SCREW			20
22	46679832	SCREW			22
23	92061480	WASHER			36
24	92304609	WASHER			16
25	96701370	NUT			4

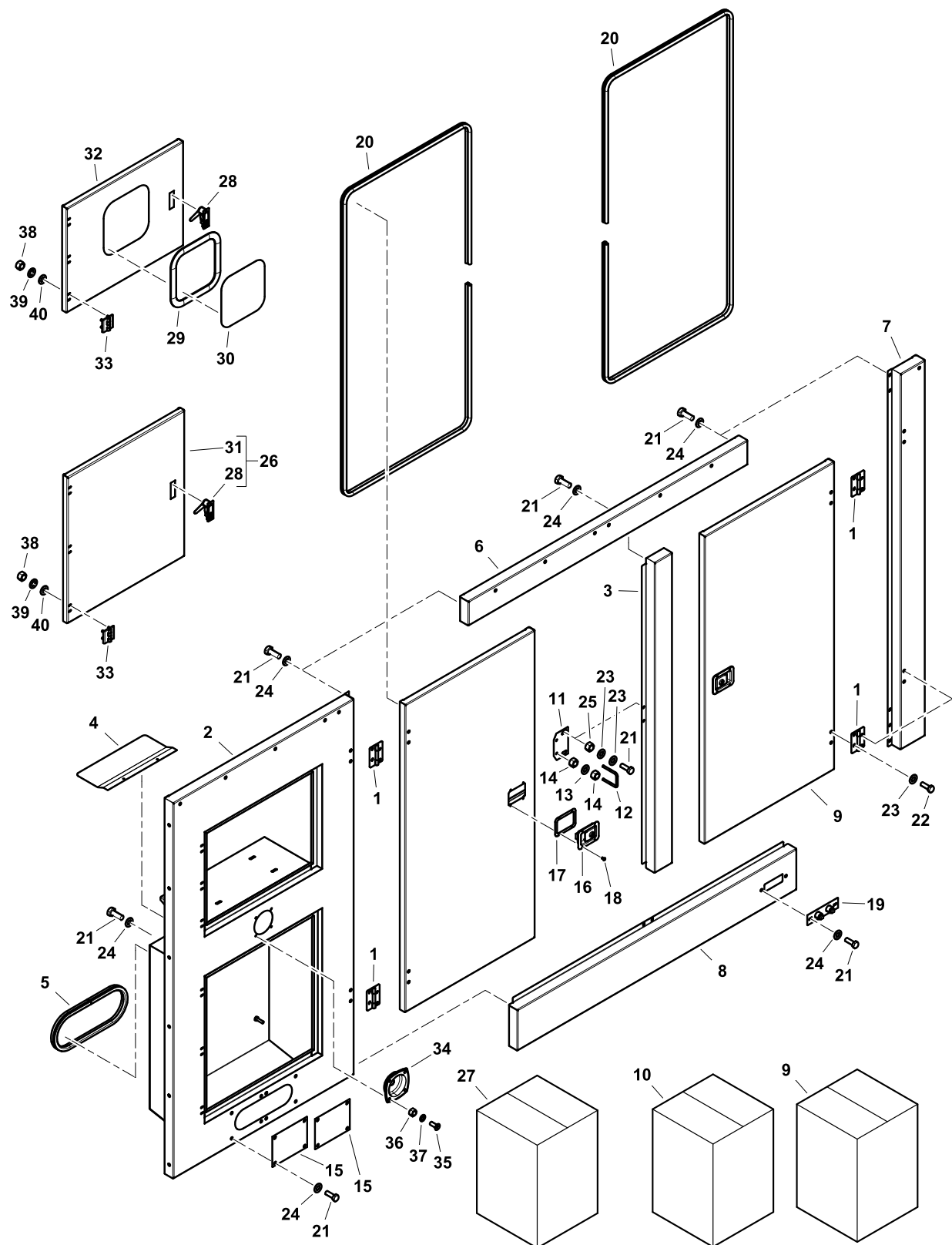
ENCLOSURE MIDDLE R



ENCLOSURE MIDDLE R

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46677274	HINGE, DOOR			4
2	46679815	PANEL ASSEMBLY	w/Ref. 4, 5		1
3	46679825	PANEL ASSEMBLY			1
4	46679704	COVER			1
5	46679817	GASKET			1
6	46679819	PANEL ASSEMBLY			1
7	46679821	PANEL ASSEMBLY			1
8	46679823	PANEL ASSEMBLY			1
9	46679794	PANEL ASSEMBLY	w/Ref. 16–18		2
10	46679800	HOLDER, LOCK	w/Ref. 11–14		2
11	46679801	HOLDER, LOCK			1
12	46679802	U-BOLT			1
13	92304583	WASHER			2
14	96705132	NUT			4
15	46679831	COVER			2
16	46679799	LOCK			1
17	46679798	GASKET			1
18	92271915	RIVET			4
19	46679810	BUSHING ASSY			1
20	46679809	GASKET, DOOR			2
21	46679813	SCREW			28
22	46679832	SCREW			16
23	92061480	WASHER			24
24	92304609	WASHER			24
25	96701370	NUT			4
26	46679829	PANEL ASSEMBLY	w/Ref. 28, 31		1
27	46679827	PANEL ASSEMBLY	w/Ref. 28–30, 32		1
28	46677284	LATCH			1
29	22897342	SEAL			1
30	46678200	PLEXIGLASS			1
31	46679830	PANEL, PAINTED			1

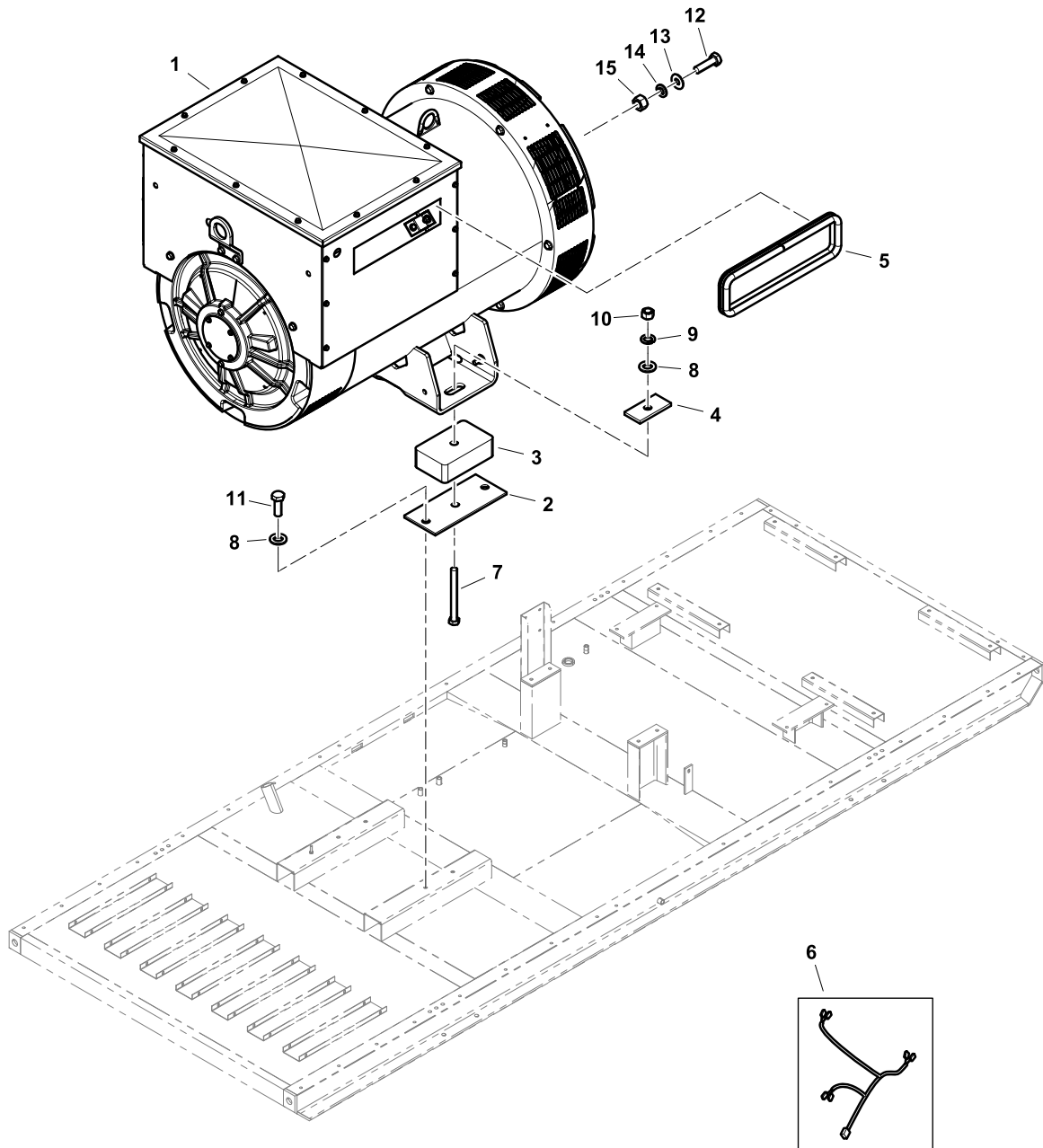
ENCLOSURE MIDDLE R



ENCLOSURE MIDDLE R

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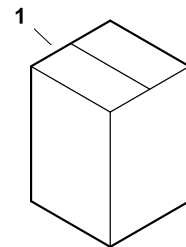
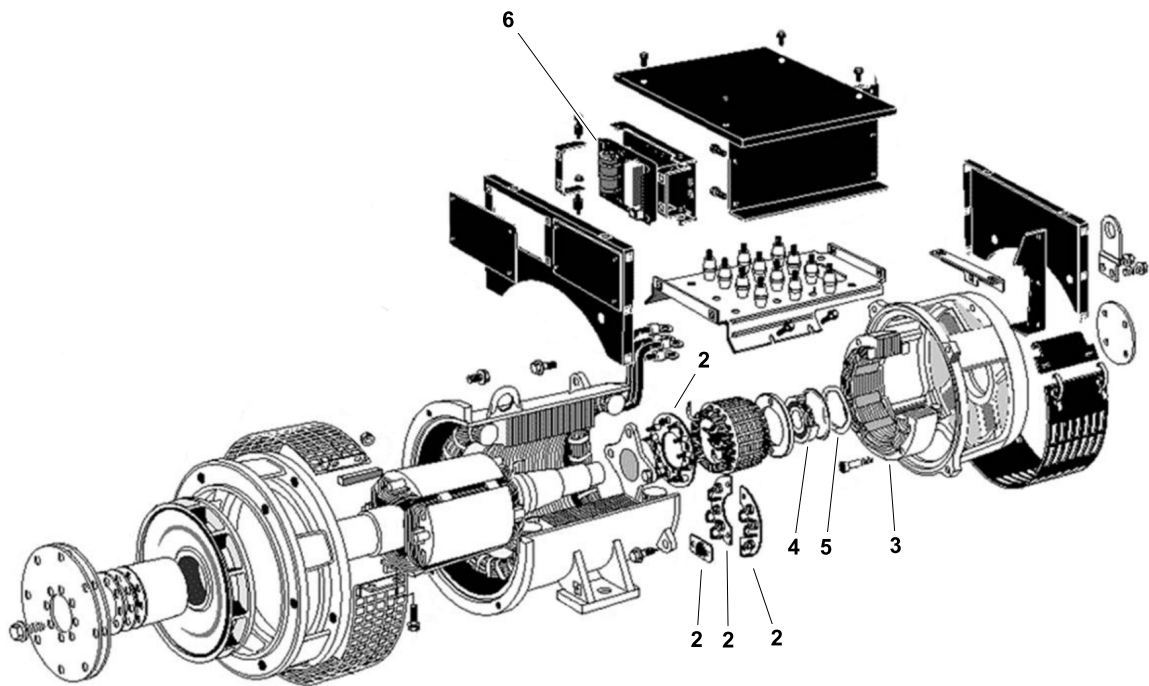
ALTERNATOR MOUNTING



ALTERNATOR MOUNTING

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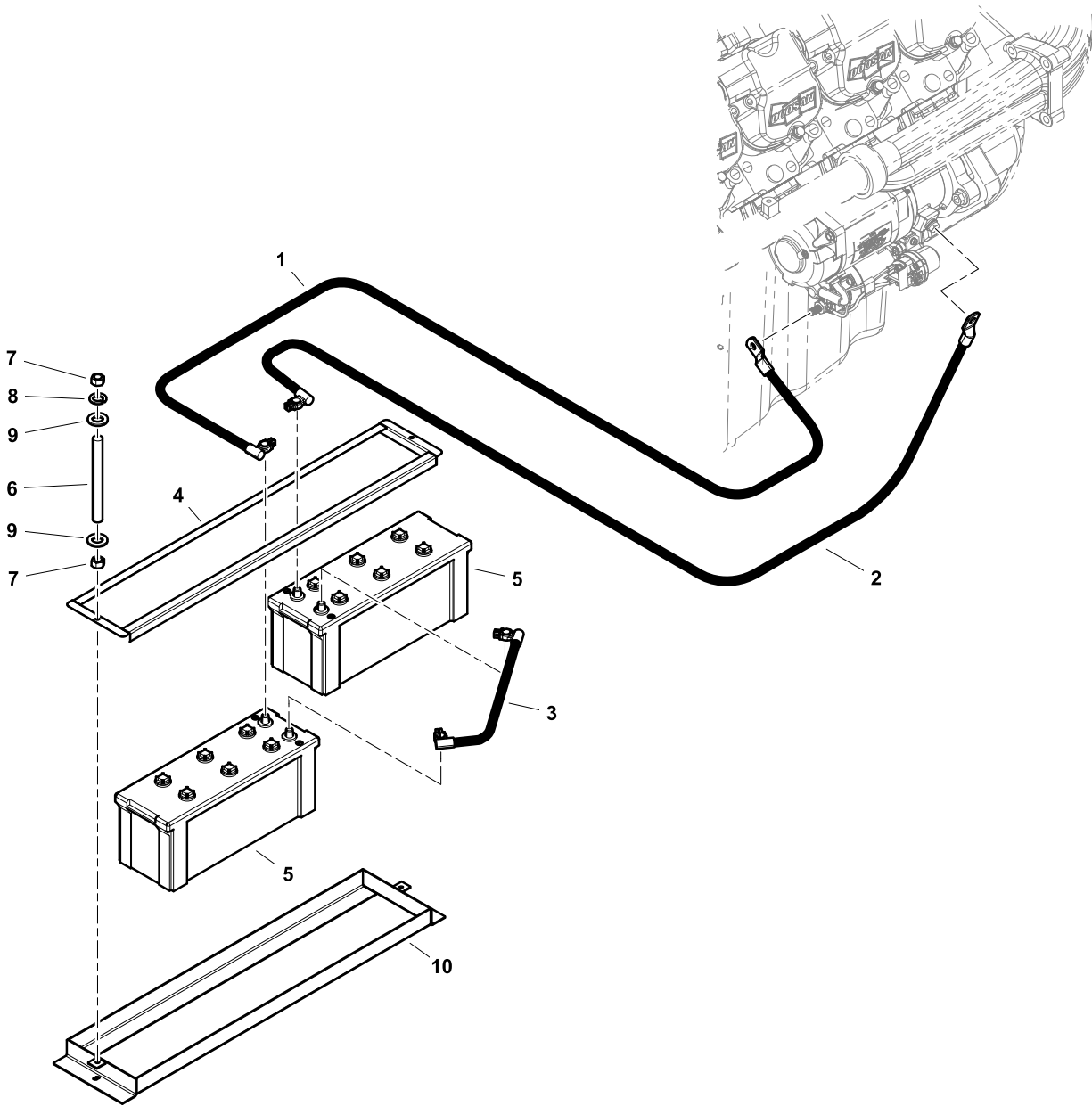
ALTERNATOR PARTS



ALTERNATOR PARTS	
1	ALTERNATOR
2	DIODE RECTIFIER
3	DIODE RECTIFIER
4	DIODE RECTIFIER
5	DIODE RECTIFIER
6	DIODE RECTIFIER
7	DIODE RECTIFIER
8	DIODE RECTIFIER
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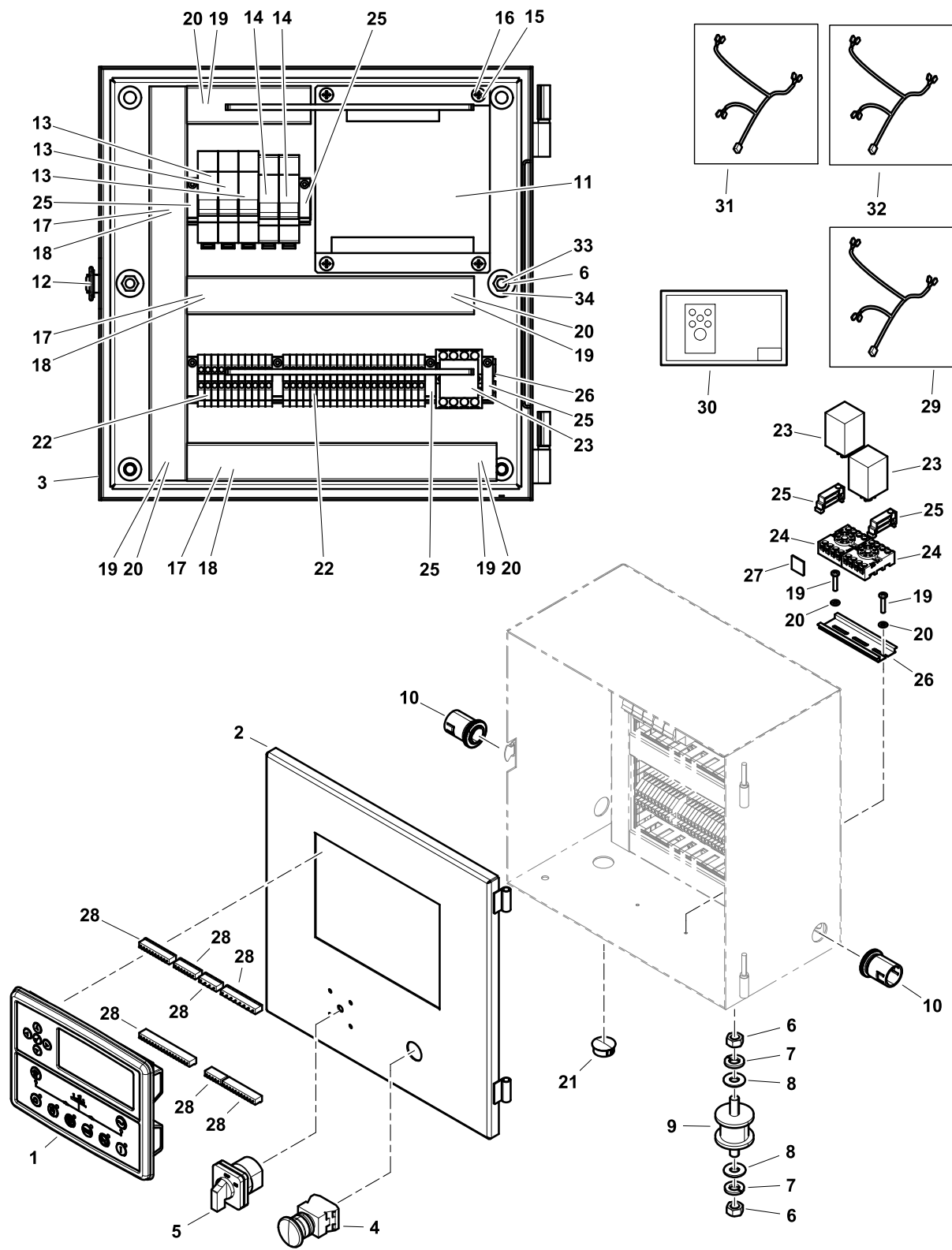
BATTERY



BATTERY	
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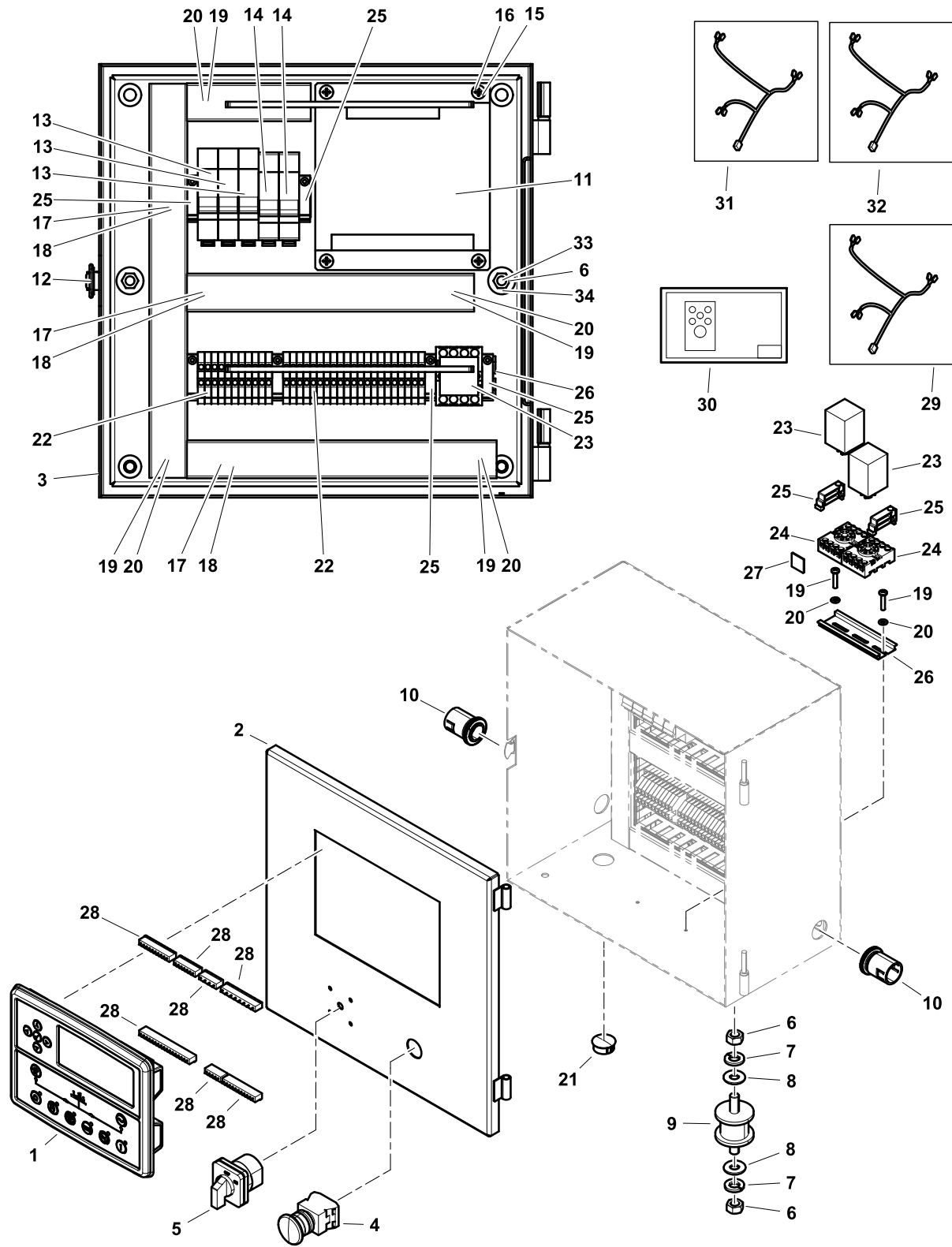
CONTROL PANEL



CONTROL PANEL

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46679561	CONTROLLER	w/Ref. 28		1
2	46678240	PANEL, CONTROL			1
3	46678239	BOX, PANEL			1
4	46679563	SWITCH			2
5	46679565	SWITCH			1
6	96701370	NUT			10
7	96753926	WASHER			8
8	92687664	WASHER			8
9	46678205	SILENTBLOCK			4
10	46678679	GUIDE, HOSE			2
11	46686564	CONTROLLER, GOVERNOR	G435XW/XF		1
11	46686565	CONTROLLER, GOVERNOR	G470XW/XF		1
12	46678241	LATCH, CONTROL PANEL			1
13	46679573	BREAKER, 6A	1 POLE		3
14	46679570	BREAKER, 20A	1 POLE		2
15	46668475	SCREW			4
16	96704663	WASHER			4
17	46679566	COVER, DIN RAIL			4
18	46679569	GUIDE, WIRE			4
19	96743653	SCREW			23
20	46555707	WASHER			23
21	46679596	CAP, HOLE			2
22	46679575	WIRE CONNECTOR			32
23	46679571	RELAY			3
24	46679574	SOCKET, RELAY			3
25	46679568	STOPPER, DIN RAIL			8
26	46679567	DIN RAIL			3
27	46679592	MOUNT, CABLE			2
28	NAP	TERMINAL BLOCK			
29	46680751	HARNESS, CONTROL PANEL			1
30	46694185	ELECTRICAL SCHEMATICS			1

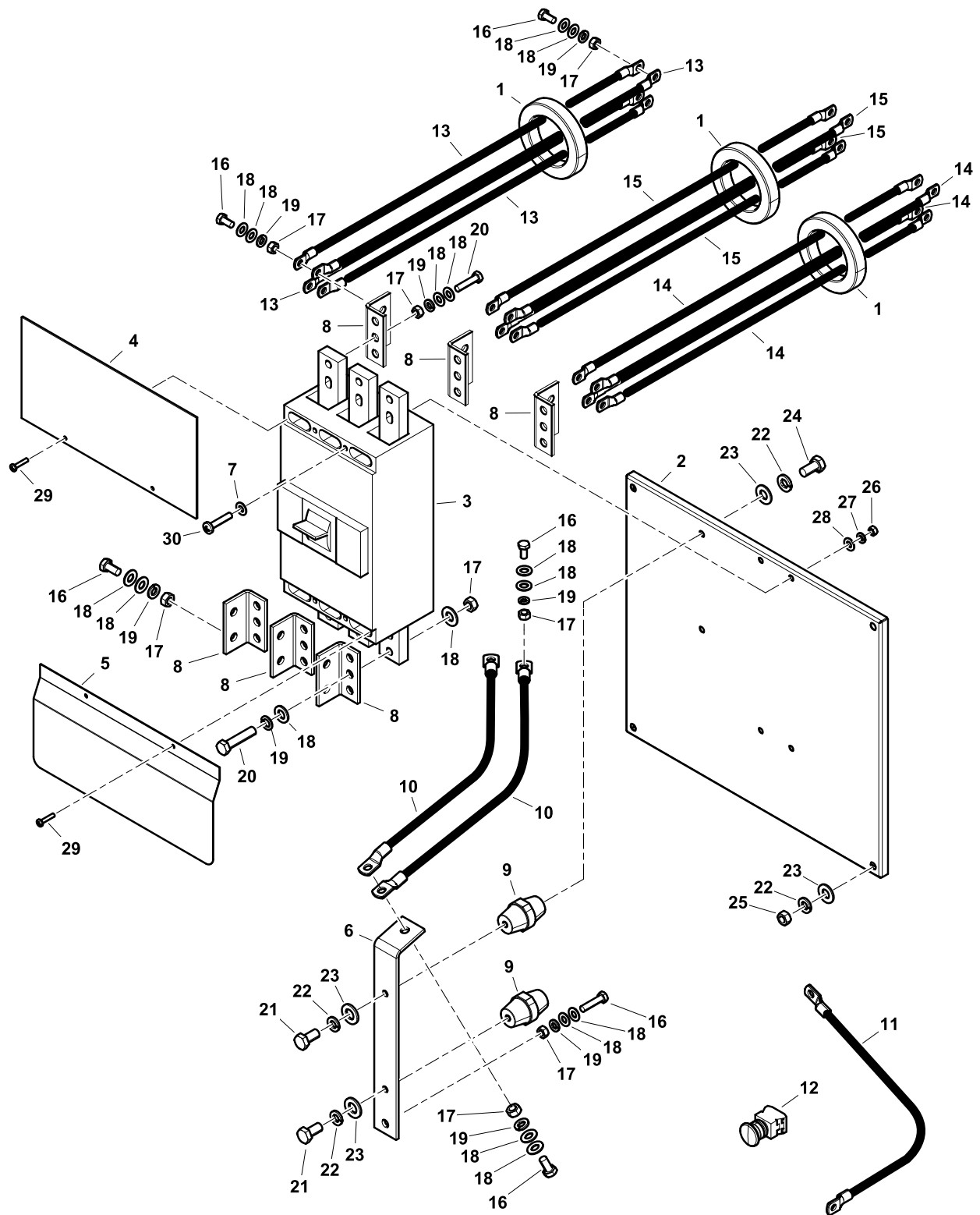
CONTROL PANEL



CONTROL PANEL

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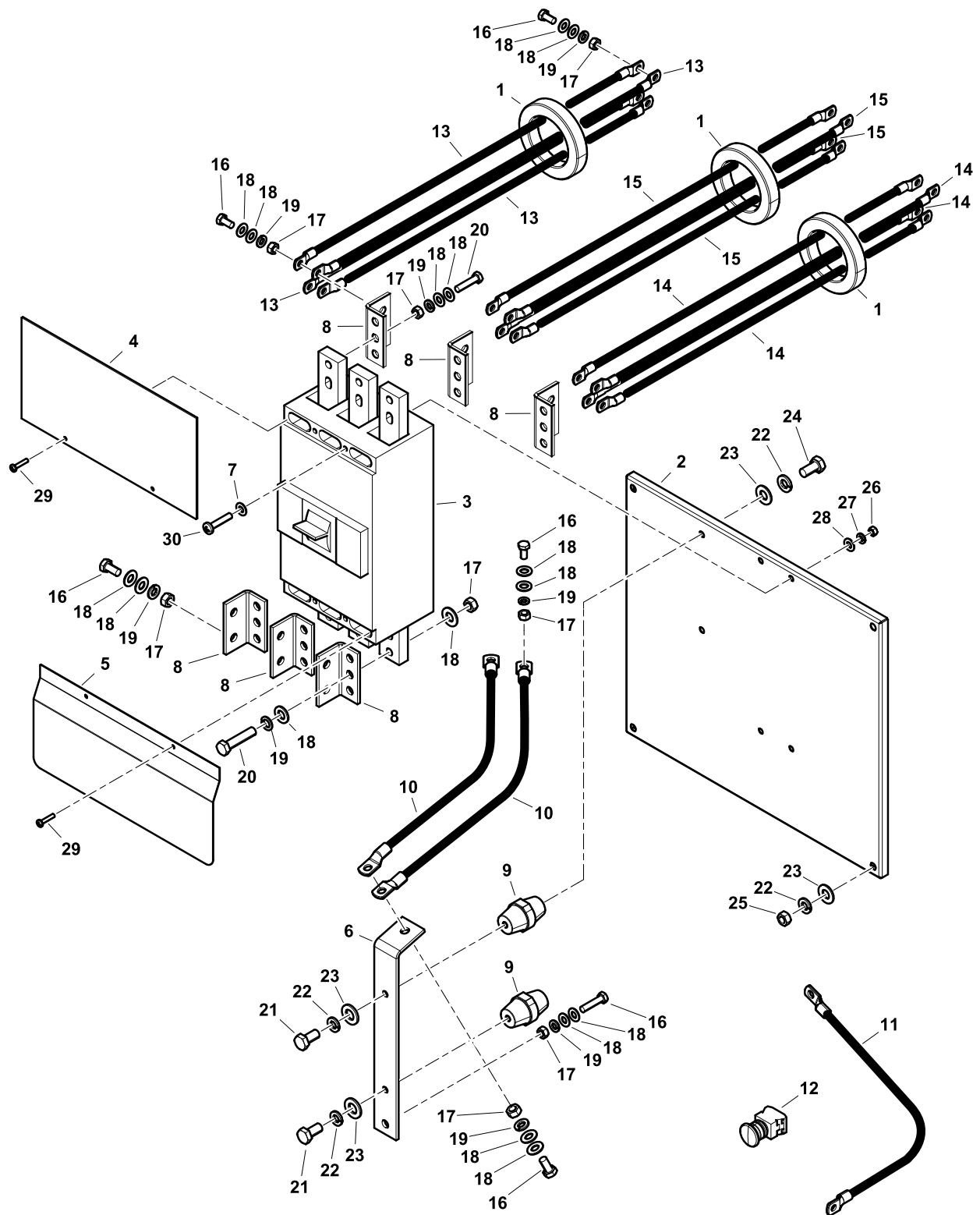
POWER PEDESTAL ASSEMBLY



POWER PEDESTAL ASSEMBLY

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46693916	CURRENT TRANSFORMER			3
2	46693932	PANEL, CIRCUIT BREAKER			1
3	46693920	CIRCUIT, BREAKER			1
4	46679999	COVER			1
5	46679704	COVER			1
6	46679998	HOLDER, ISOLATOR			1
7	NAP	WASHER	w/Ref. 3		4
8	46678282	BUS BAR			6
9	46678279	ISOLATOR, BUS BAR			2
10	46693323	CABLE, BLACK NEUTRAL	XW, N - 840mm		2
10	46693325	CABLE, BLACK NEUTRAL	XF, N - 490mm		2
11	46679954	CABLE, GROUND			1
12	46679563	SWITCH, STOP EMERGENCY			1
13	46693925	CABLE, RED PHASE	XW, L1 - 540mm		4
13	46693303	CABLE, RED PHASE	XF, L1 - 207mm		4
14	46693924	CABLE, BLUE PHASE	XW, L3 - 540mm		4
14	46693315	CABLE, BLUE PHASE	XF, L3 - 207mm		4
15	46693921	CABLE, YELLOW PHASE	XF, L2 - 540mm		4
15	46693309	CABLE, YELLOW PHASE	XW, L1 - 213mm		4
16	35299569	SCREW			22
17	96701743	NUT			34
18	92061506	WASHER			68
19	92304682	WASHER			34
20	96730395	SCREW			12
21	92304393	SCREW			2
22	92304674	WASHER			8
23	92061498	WASHER			8
24	35287648	SCREW			2
25	96735550	NUT			4
26	96735543	NUT			4
27	96741467	WASHER			4

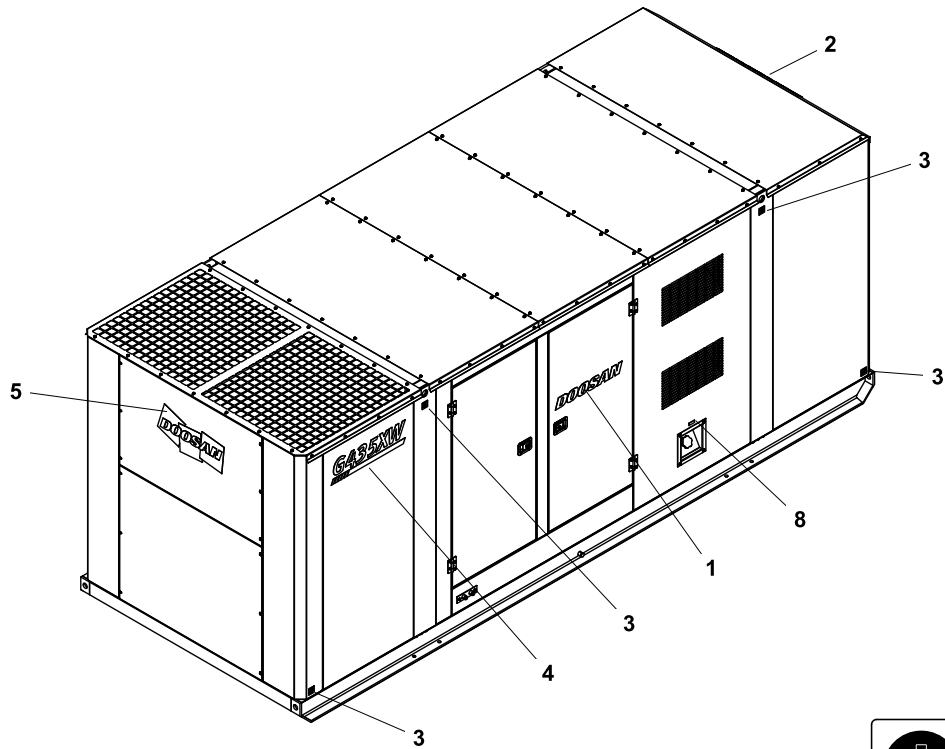
POWER PEDESTAL ASSEMBLY



POWER PEDESTAL ASSEMBLY

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DECALS AND DOCUMENTATION (G435)

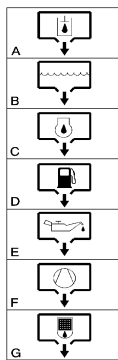


4 — **G435XW**

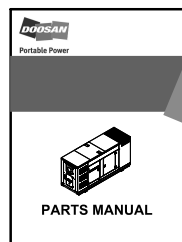
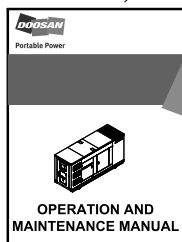
19 — **G435XF**

1 — **DOOSAN**

2 — **DoosanPortablePower.eu**



9 —
18



17



14



13



6



15



7



8



3



11



12



16

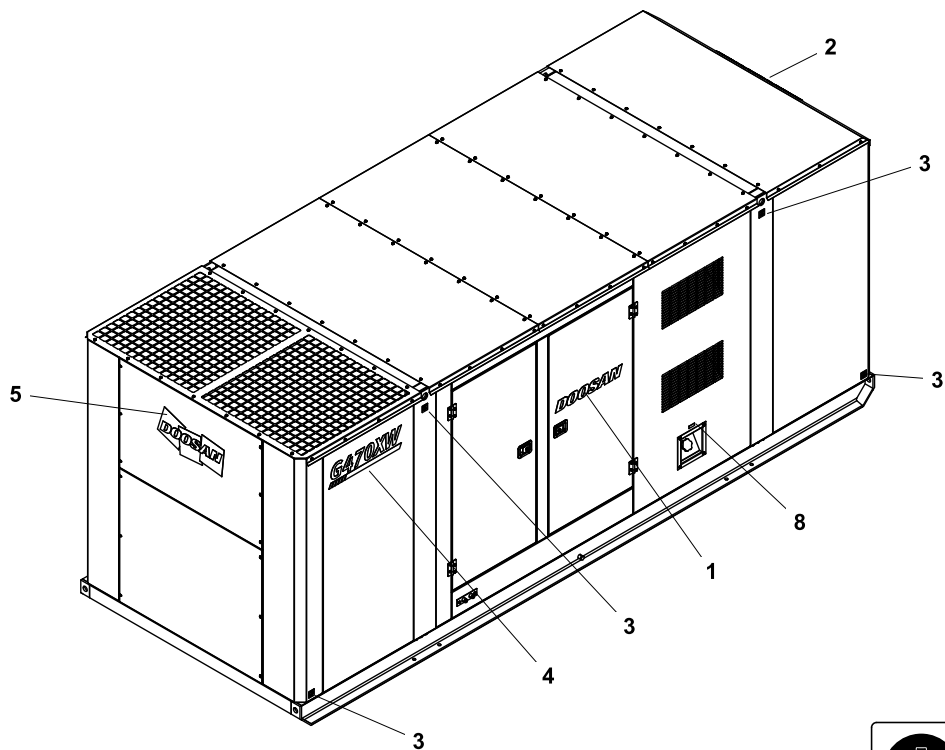


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DECALS AND DOCUMENTATION (G435)	
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DECALS AND DOCUMENTATION (G470)

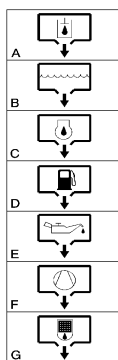


4 — **G470XW**

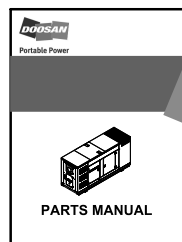
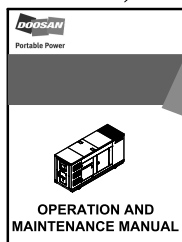
19 — **G470XF**

1 — **DOOSAN**

2 — **DoosanPortablePower.eu**



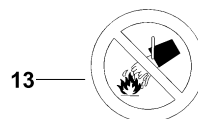
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17



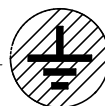
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13



6



15



7



8



3



11



12



16

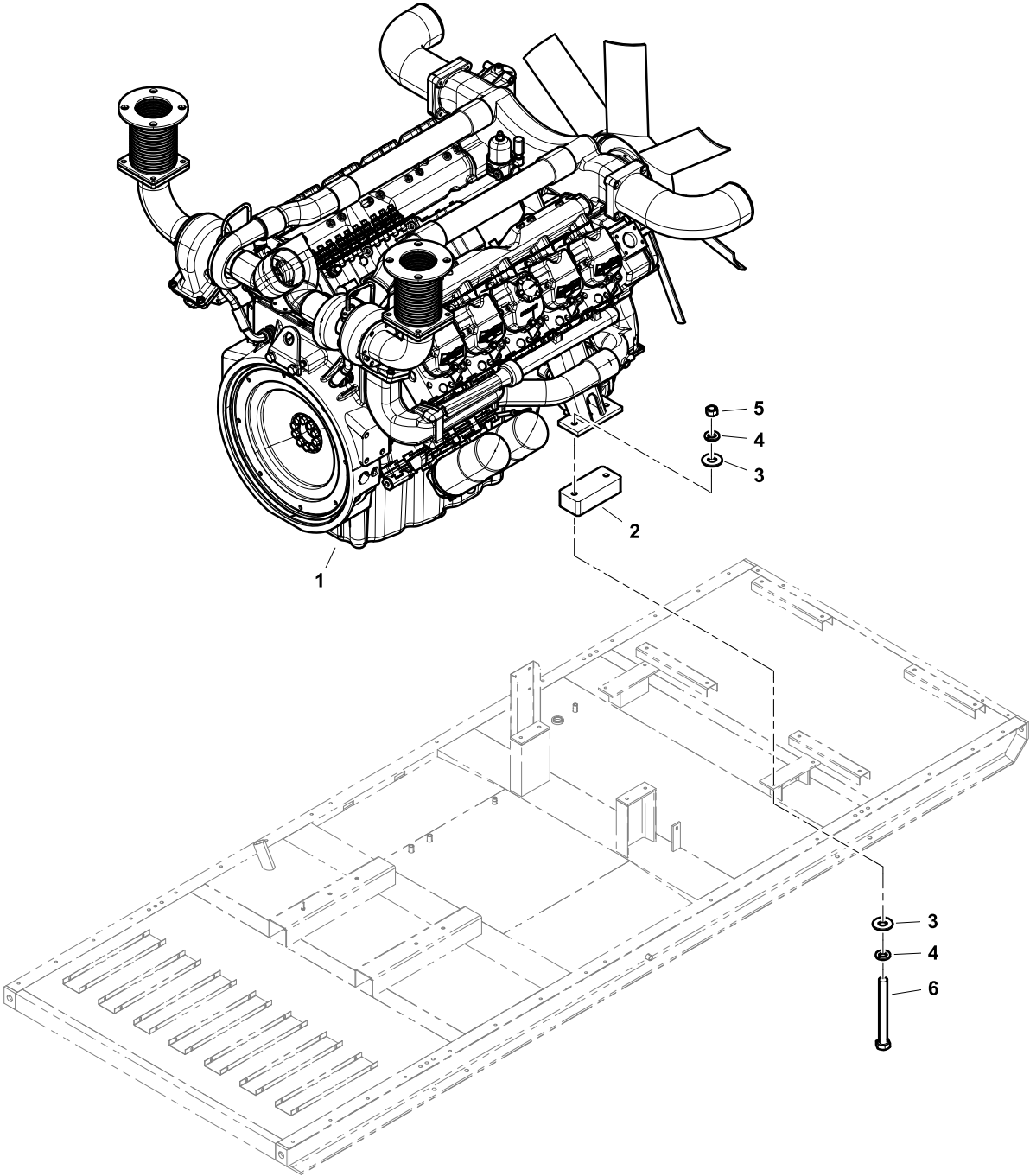


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DECALS AND DOCUMENTATION (G470)	
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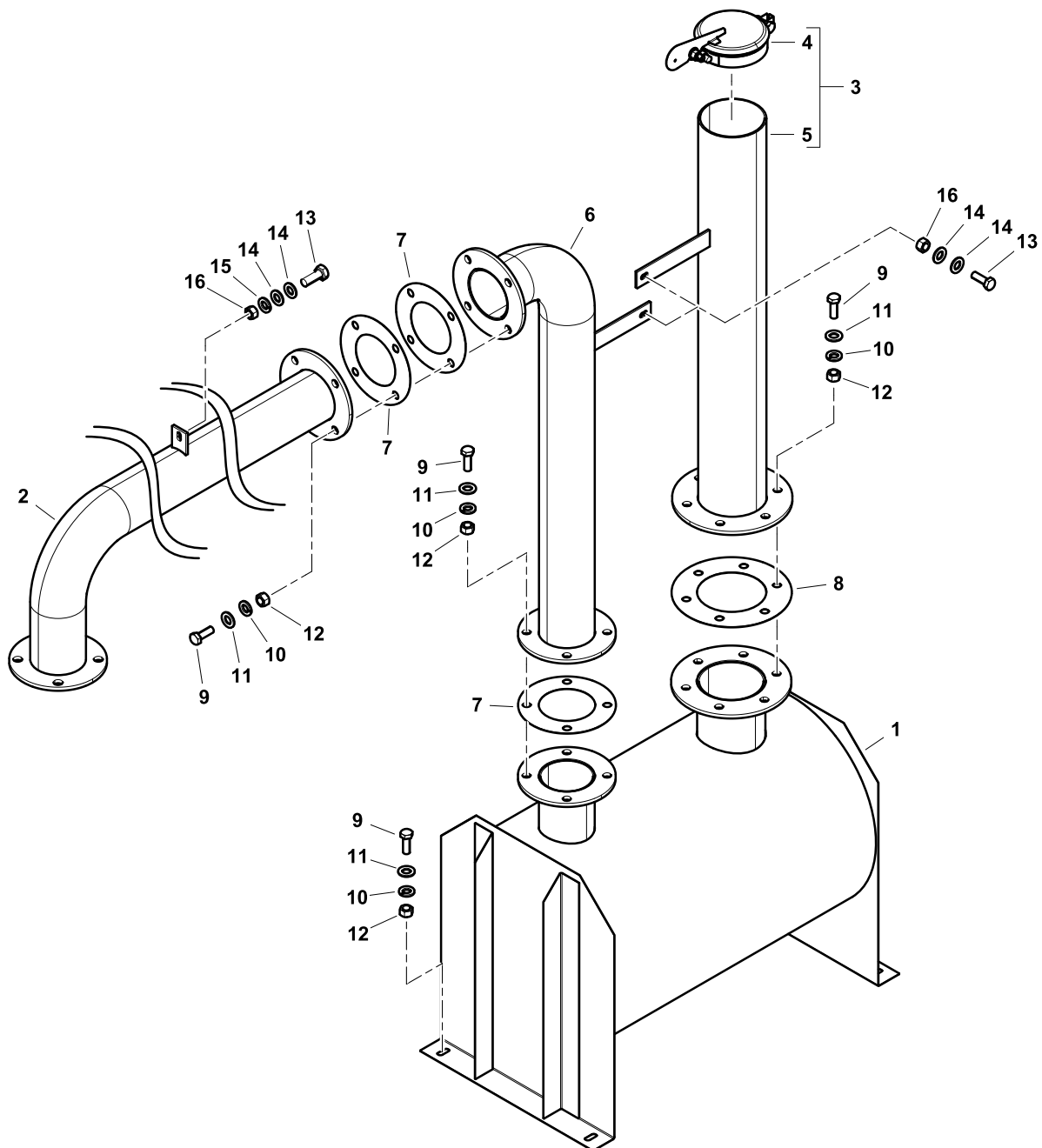
ENGINE ASSEMBLY



ENGINE ASSEMBLY

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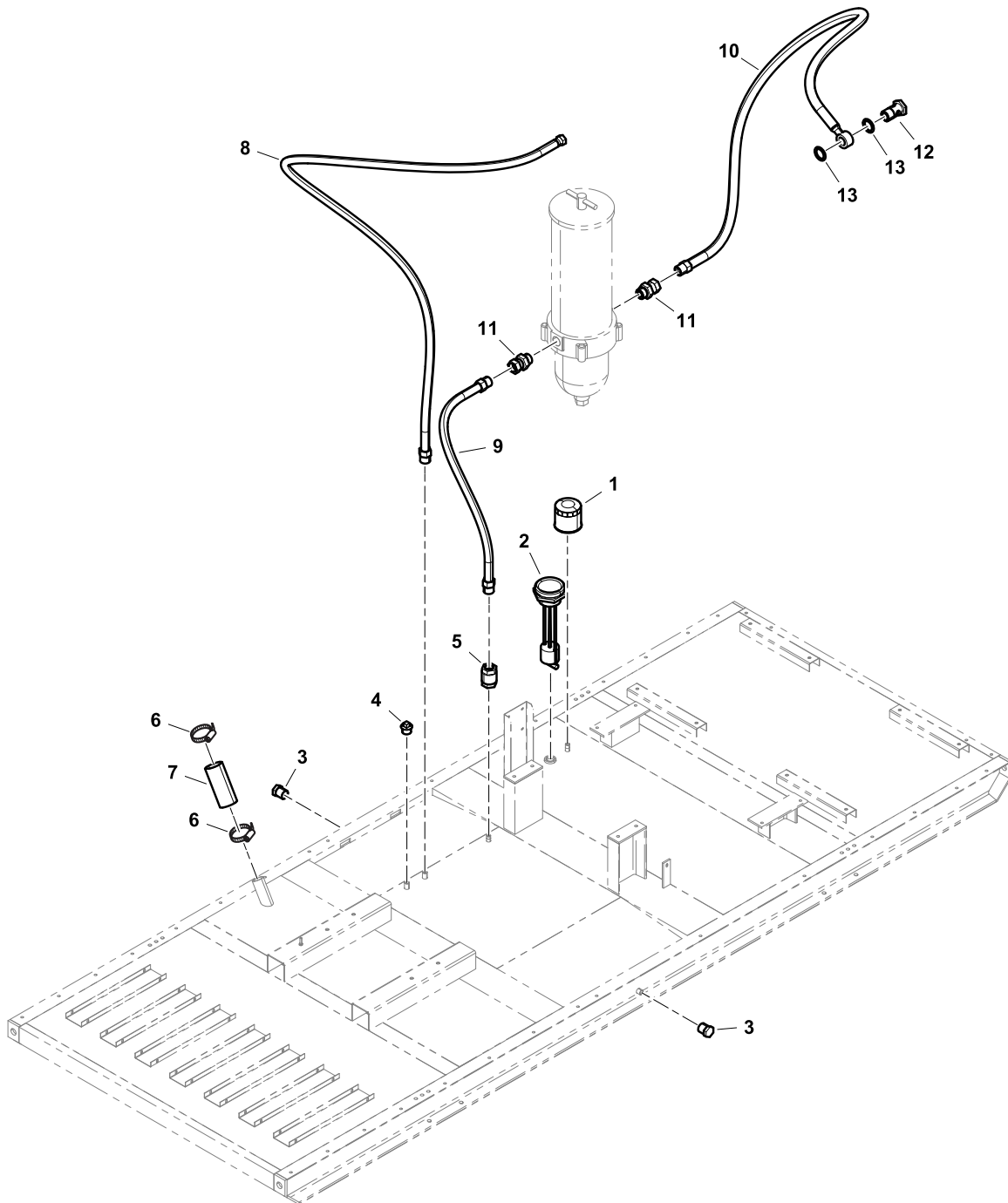
EXHAUST SYSTEM



EXHAUST SYSTEM	
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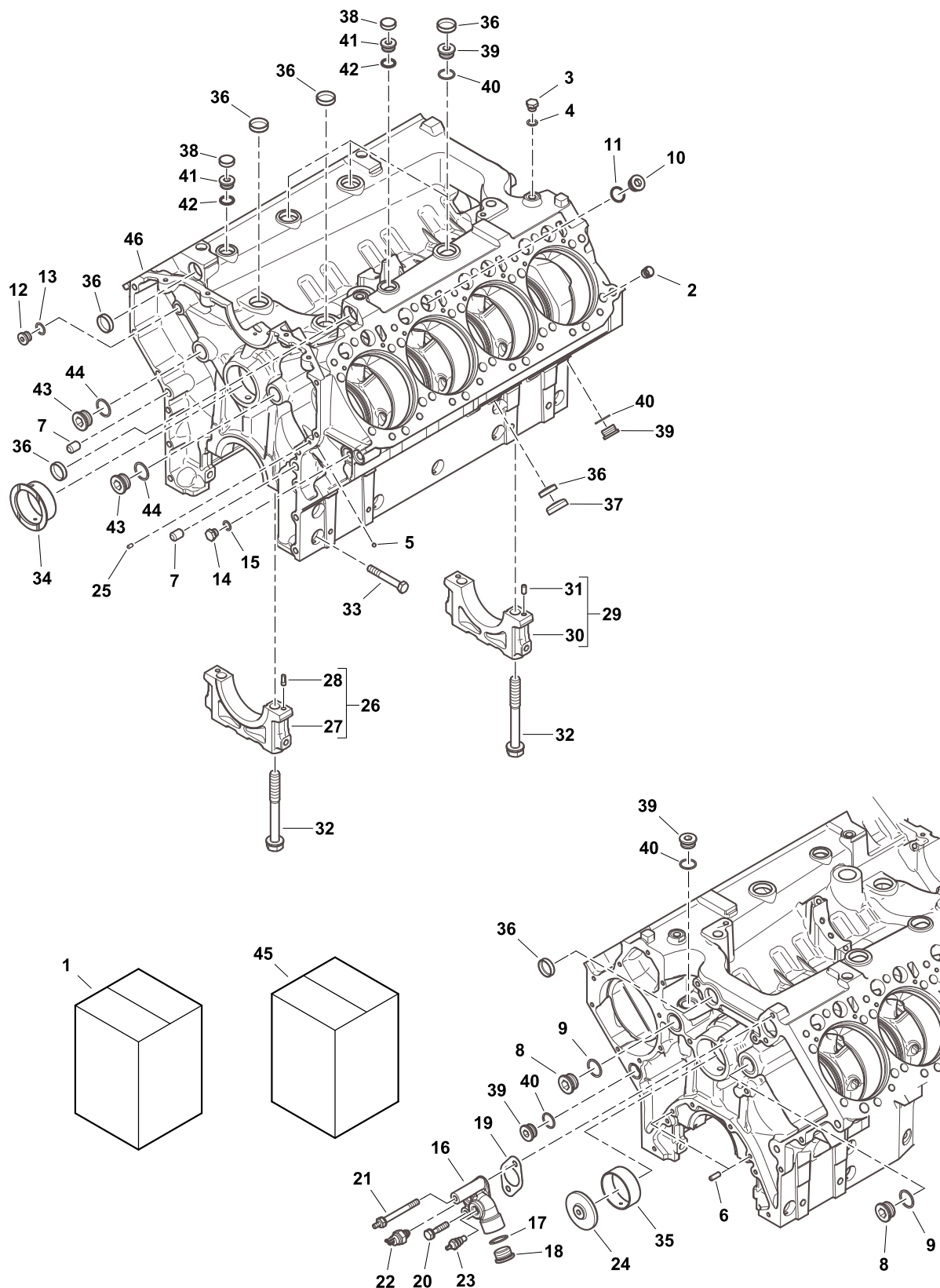
FUEL SYSTEM



FUEL SYSTEM	
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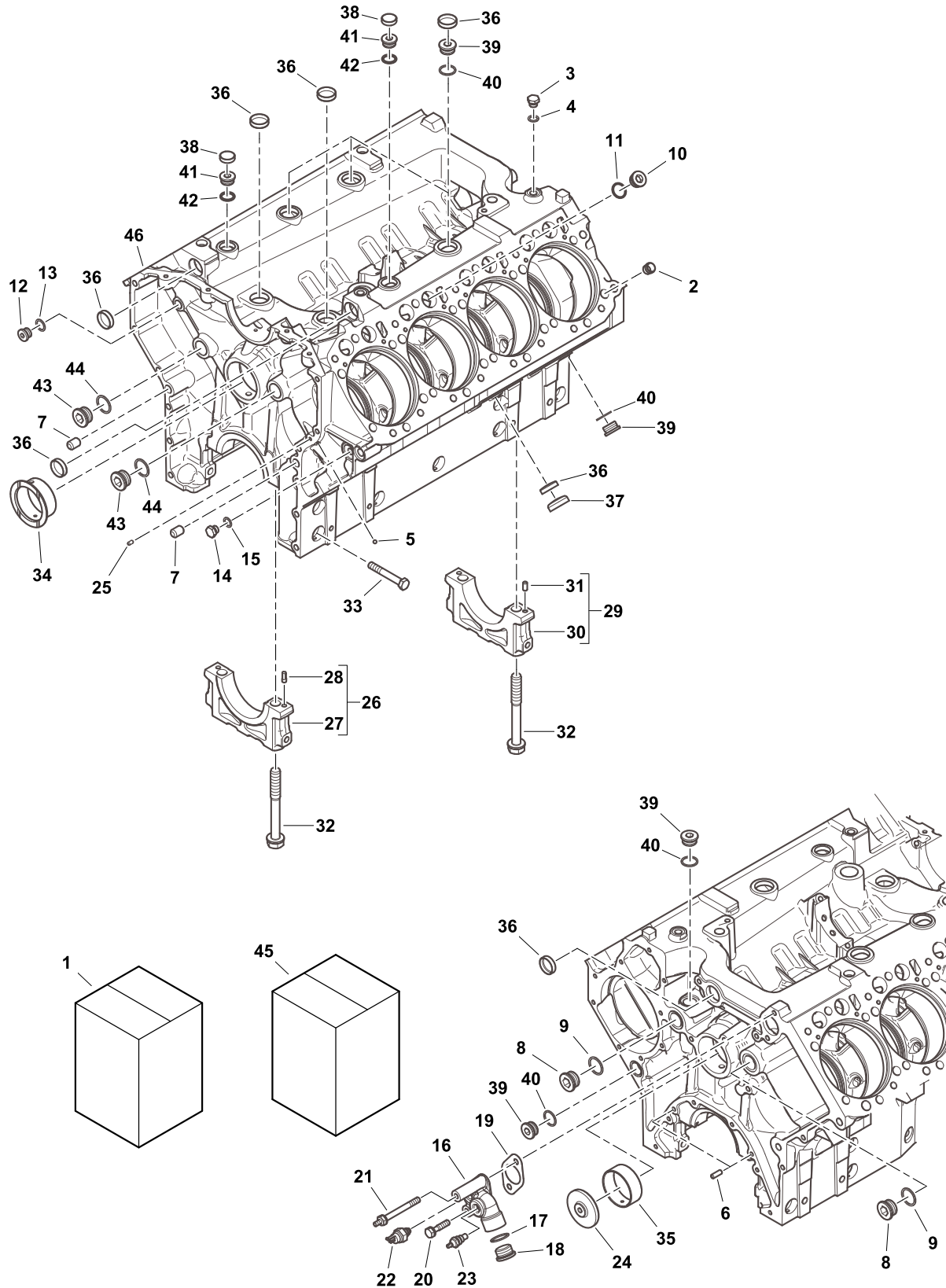
CYLINDER BLOCK



CYLINDER BLOCK

Item	Part Number	Description	Remarks	Serial Number	Qty
1	NAP	CYLINDER BLOCK ASSY	w/Ref. 5-7, 36-45		1
2	46687205	PIN			16
3	46682935	SCREW, PLUG			1
4	46689020	RING, SEAL			1
5	46684294	BALL, STEEL			1
6	46684269	PIN			2
7	46684273	PIN, DOWEL			2
8	46687040	SCREW, PLUG			2
9	46684371	RING, SEAL			2
10	46683963	SCREW, PLUG			1
11	46684372	RING, SEAL			1
12	46687038	SCREW, PLUG			1
13	46682751	RING, SEAL			1
14	46682935	SCREW, PLUG			1
15	46689020	RING, SEAL			1
16	46687526	FLANGE			1
17	46684371	RING, SEAL			1
18	46687040	SCREW, PLUG			1
19	46687382	GASKET			1
20	46683310	SCREW			1
21	46684555	SCREW			1
22	46682988	WATER TEMPERATURE SWITCH			1
23	46689021	SENSOR, TEMPERATURE			1
24	46685162	COVER			1
25	46684245	PLUG, CORE			1
26	NAP	BEARING CAP ASSY	w/Ref. 27, 28		1
27	NAP	CAP, BEARING			1
28	46685878	PIN			2
29	NAP	BEARING CAP ASSY	w/Ref. 30, 31		4
30	NAP	CAP, BEARING			1
31	46684271	PIN			2

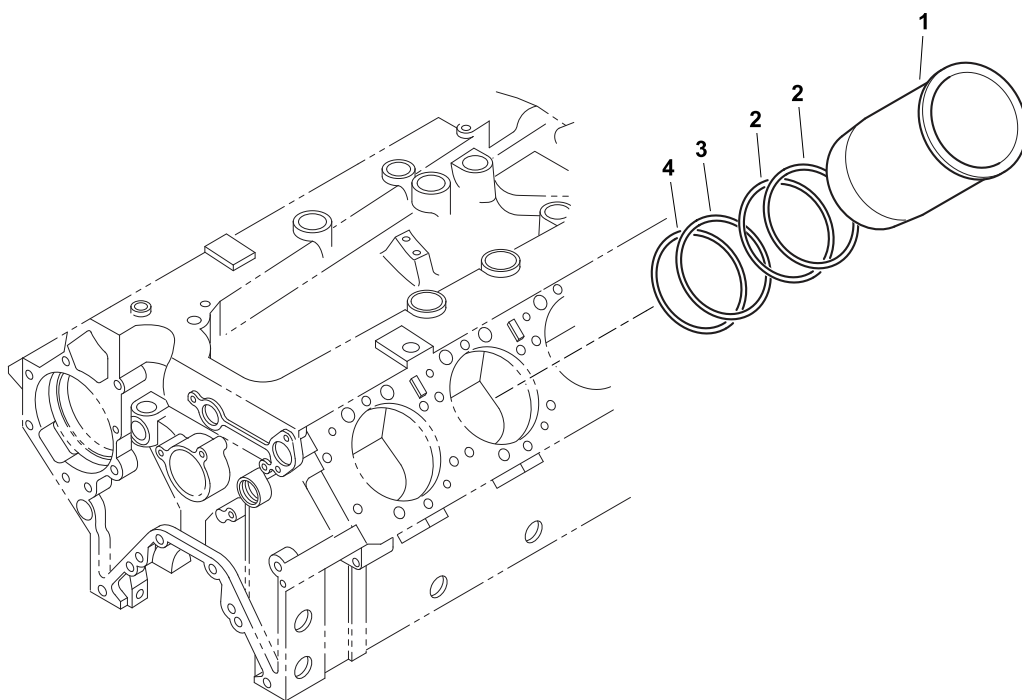
CYLINDER BLOCK



CYLINDER BLOCK	
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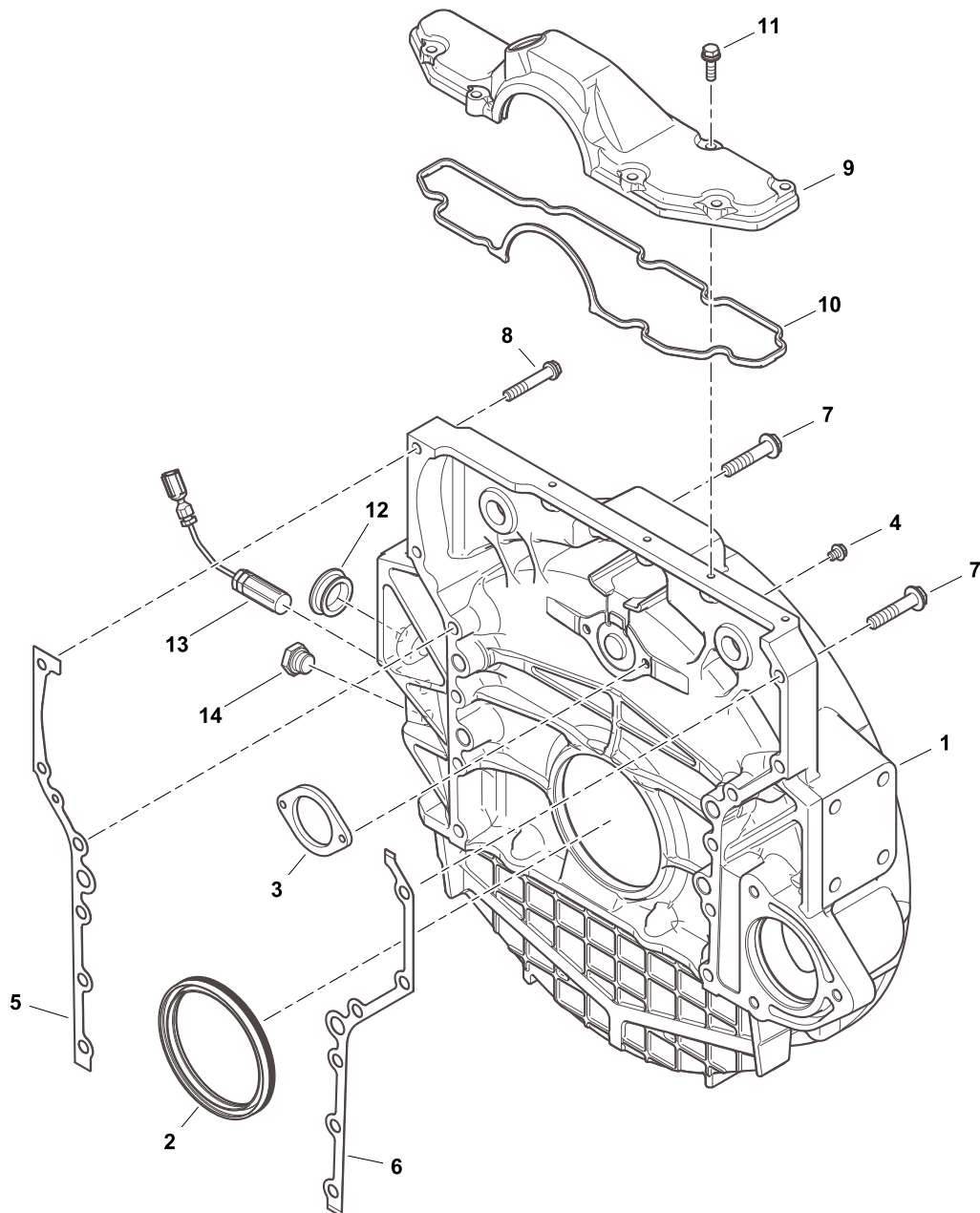
CYLINDER LINER



CYLINDER LINER	
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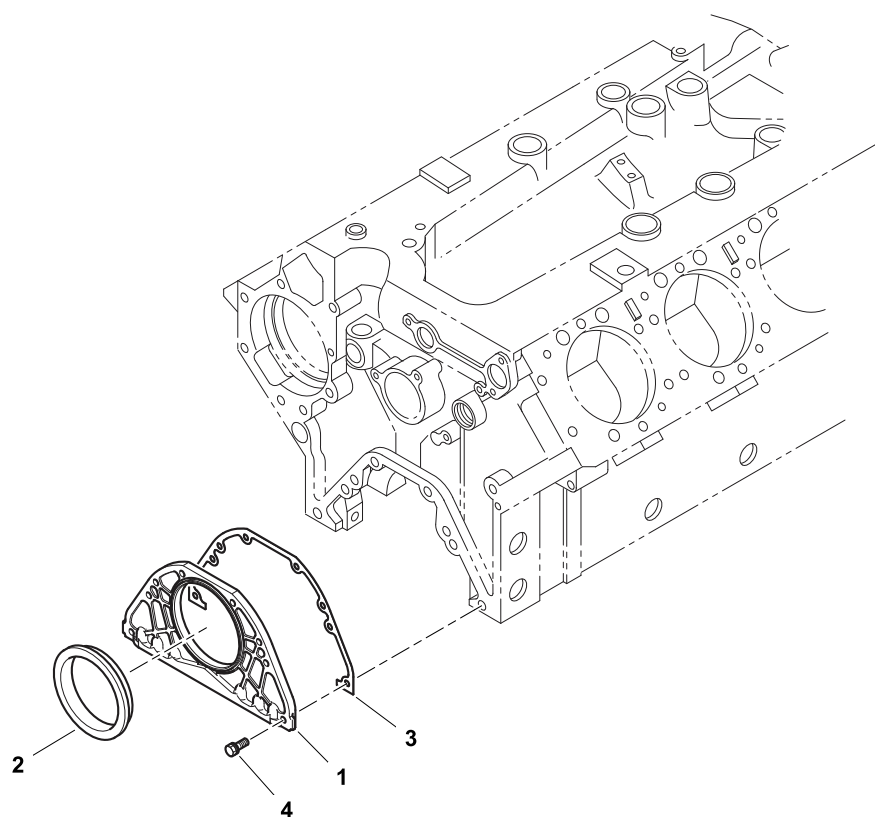
FLYWHEEL HOUSING



FLYWHEEL HOUSING	
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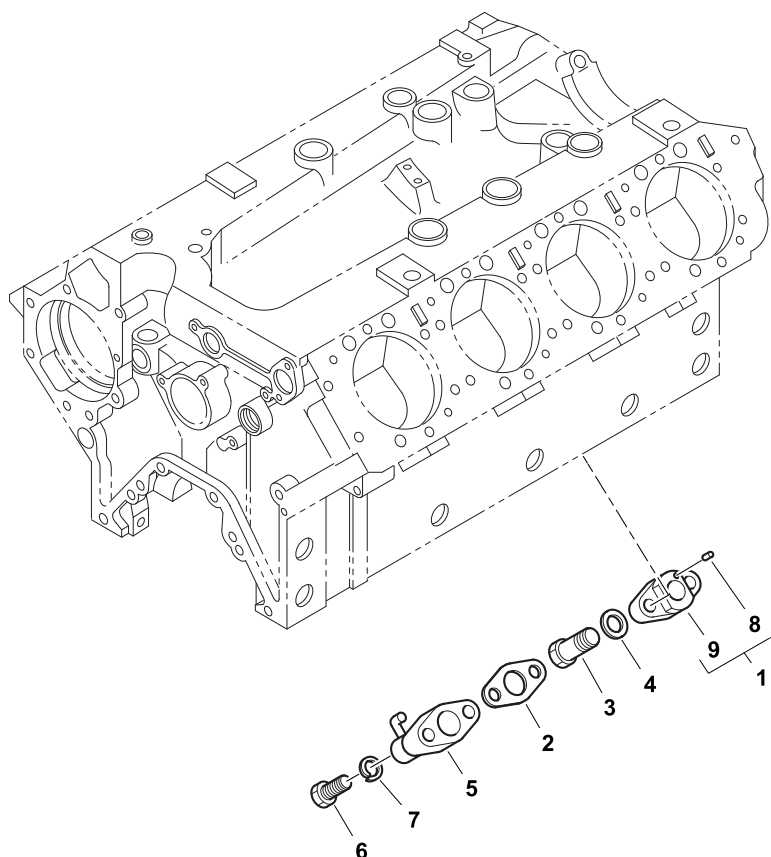
OIL SEAL



OIL SEAL	
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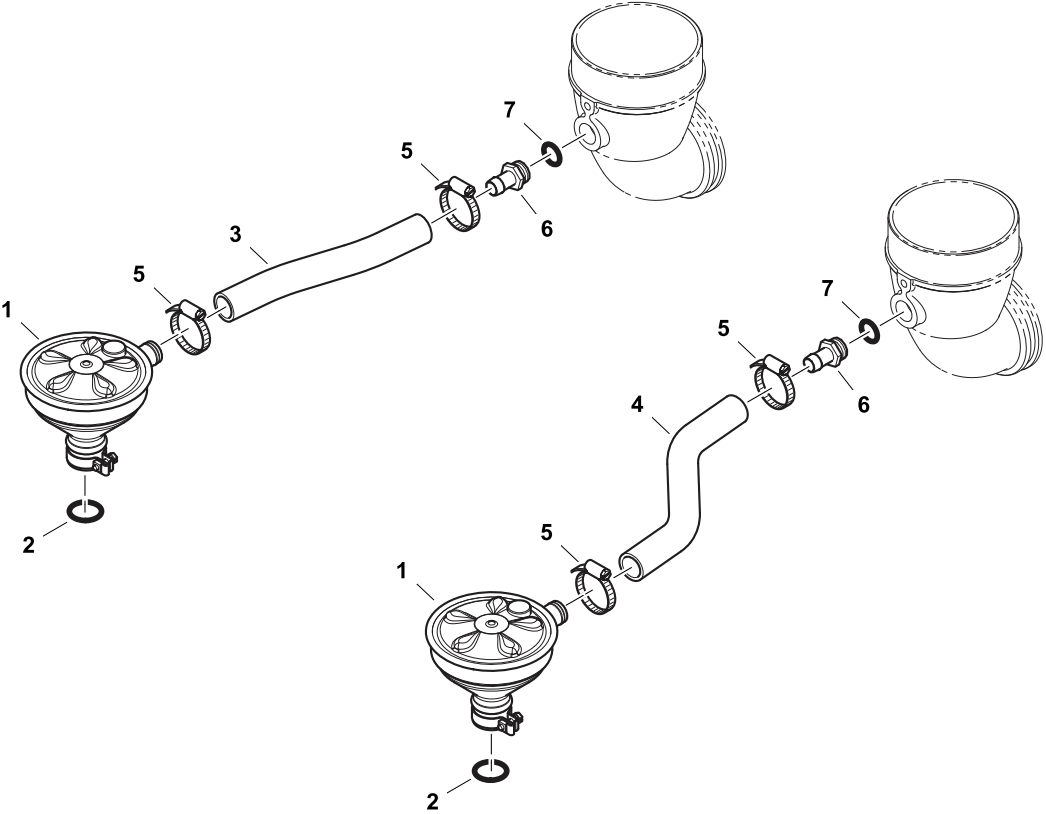
OIL SPRAY NOZZLE



OIL SPRAY NOZZLE	
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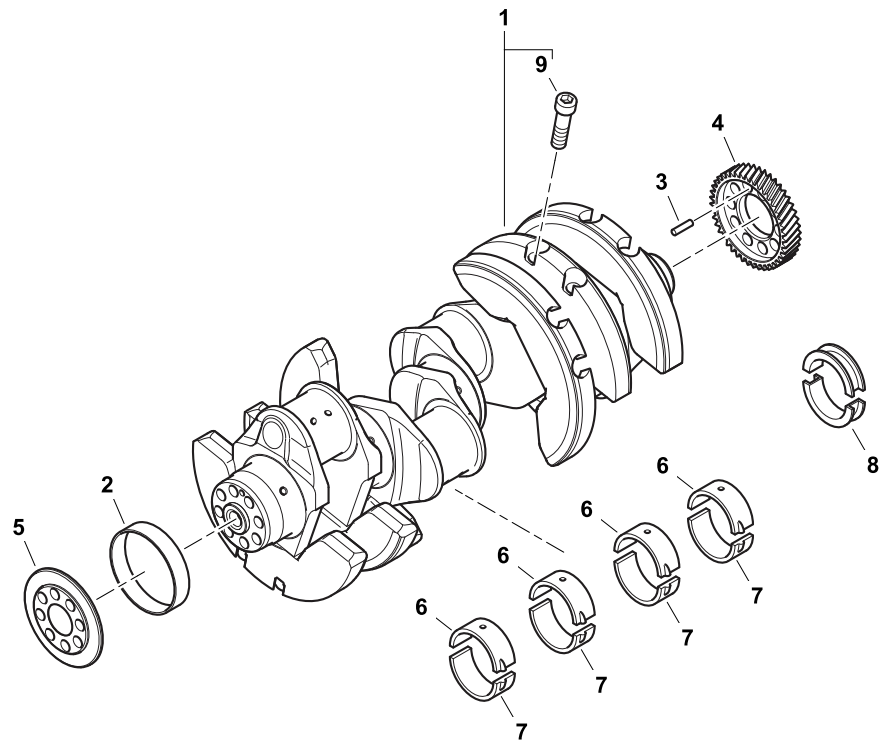
BREATHER



	BREATHER	
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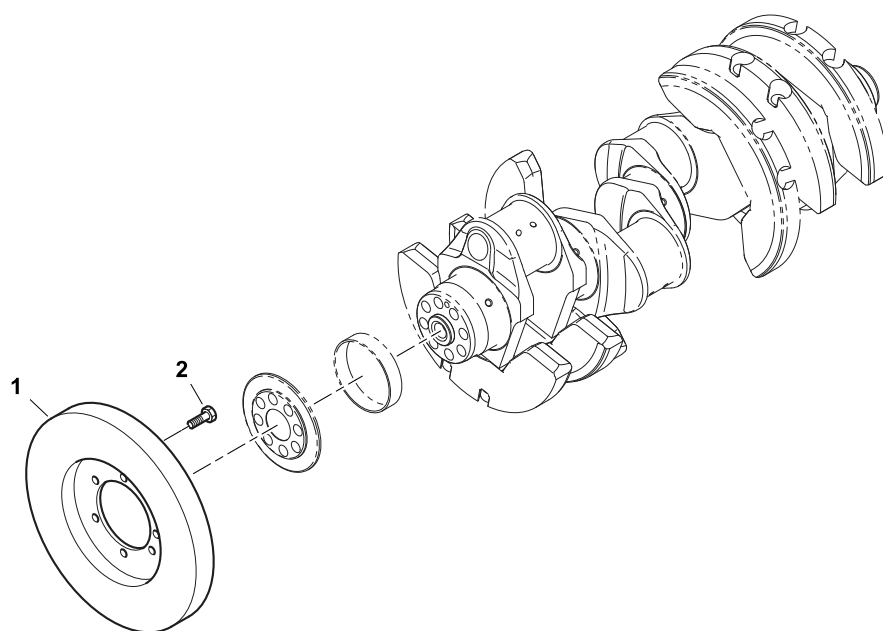
CRANKSHAFT



CRANKSHAFT	
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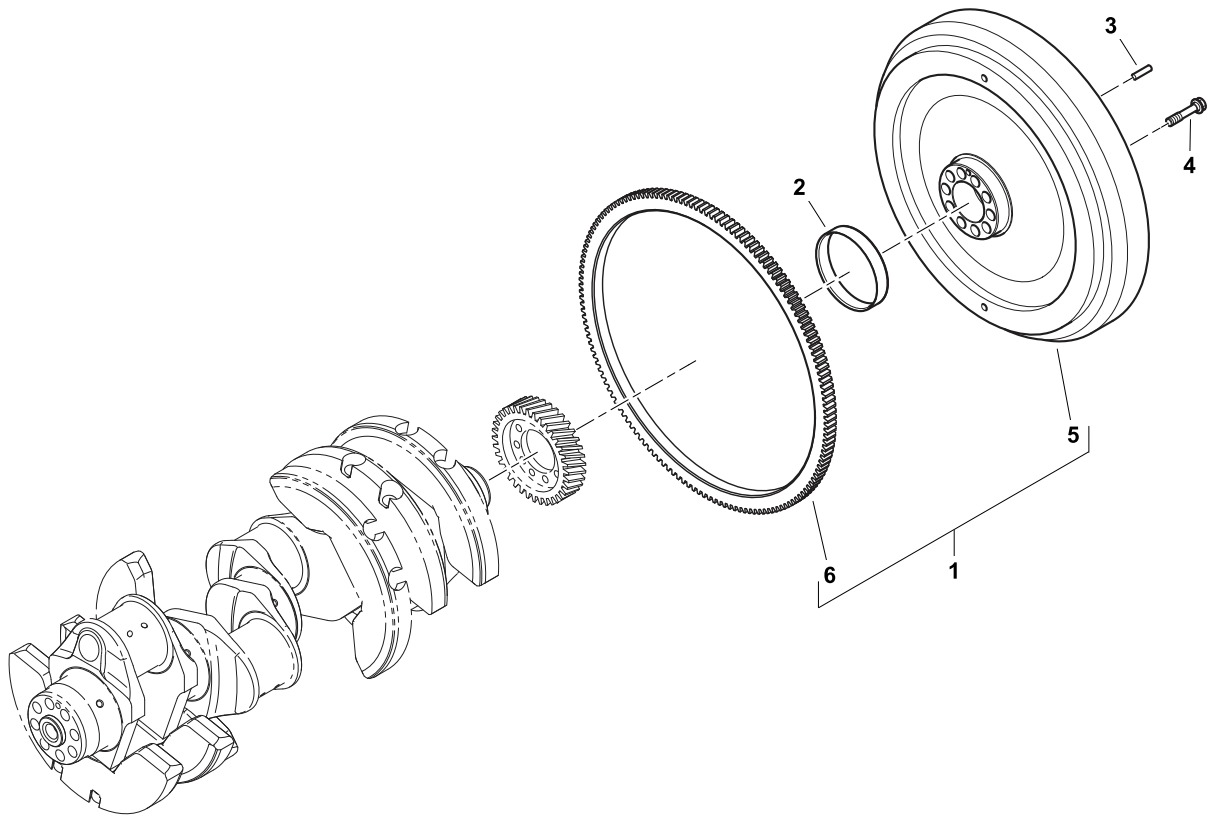
VIBRATION DAMPER



VIBRATION DAMPER	
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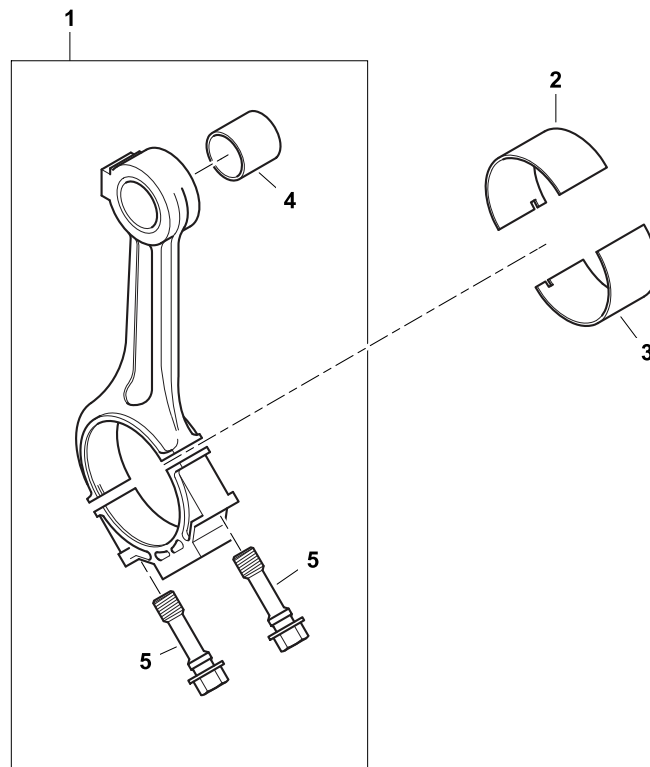
FLYWHEEL



FLYWHEEL	
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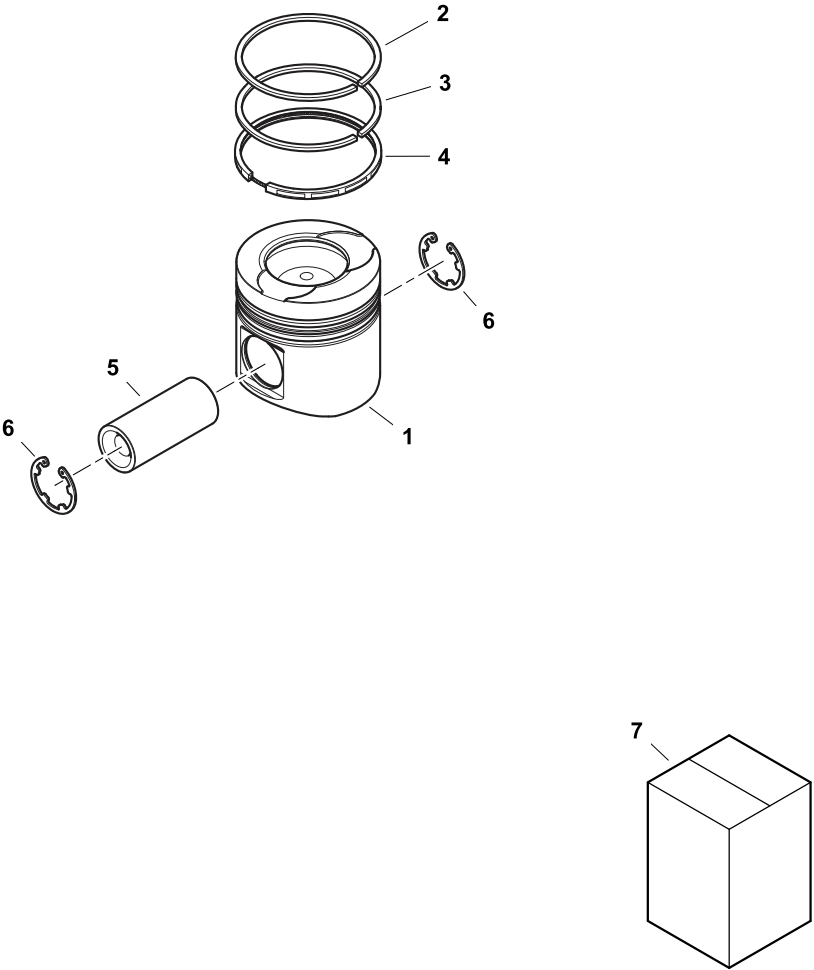
CONNECTING ROD



CONNECTING ROD

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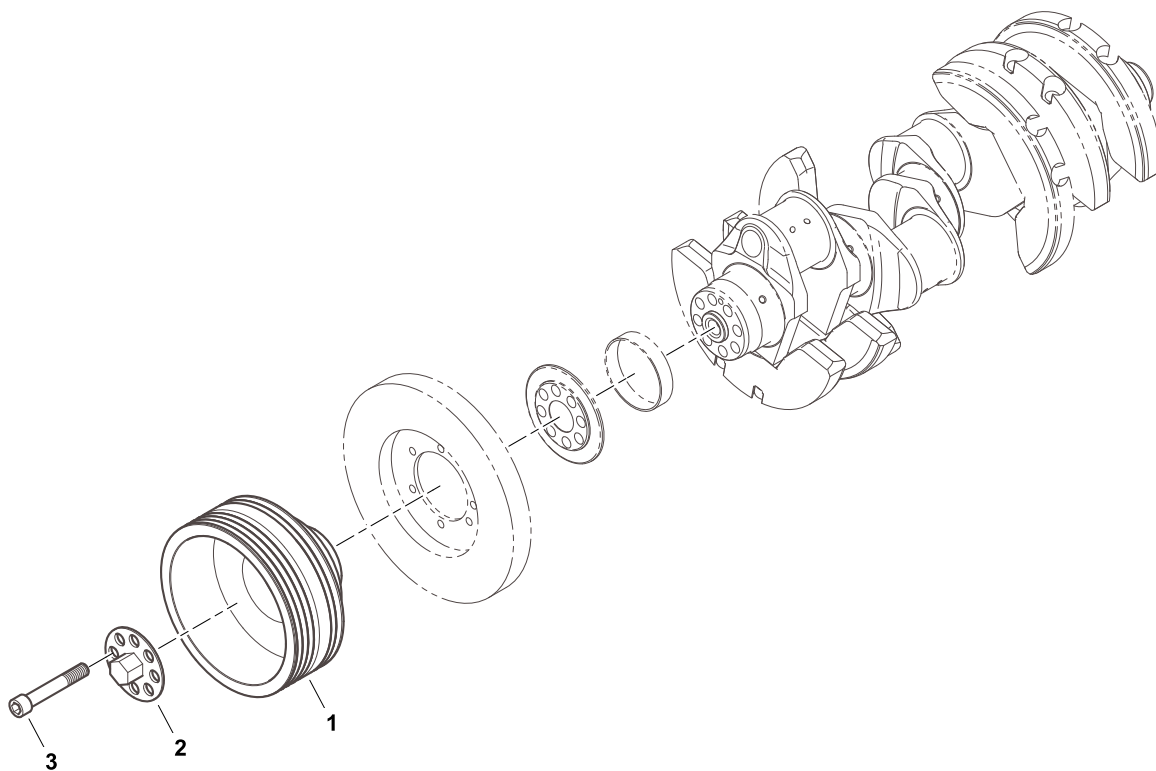
PISTON



PISTON	
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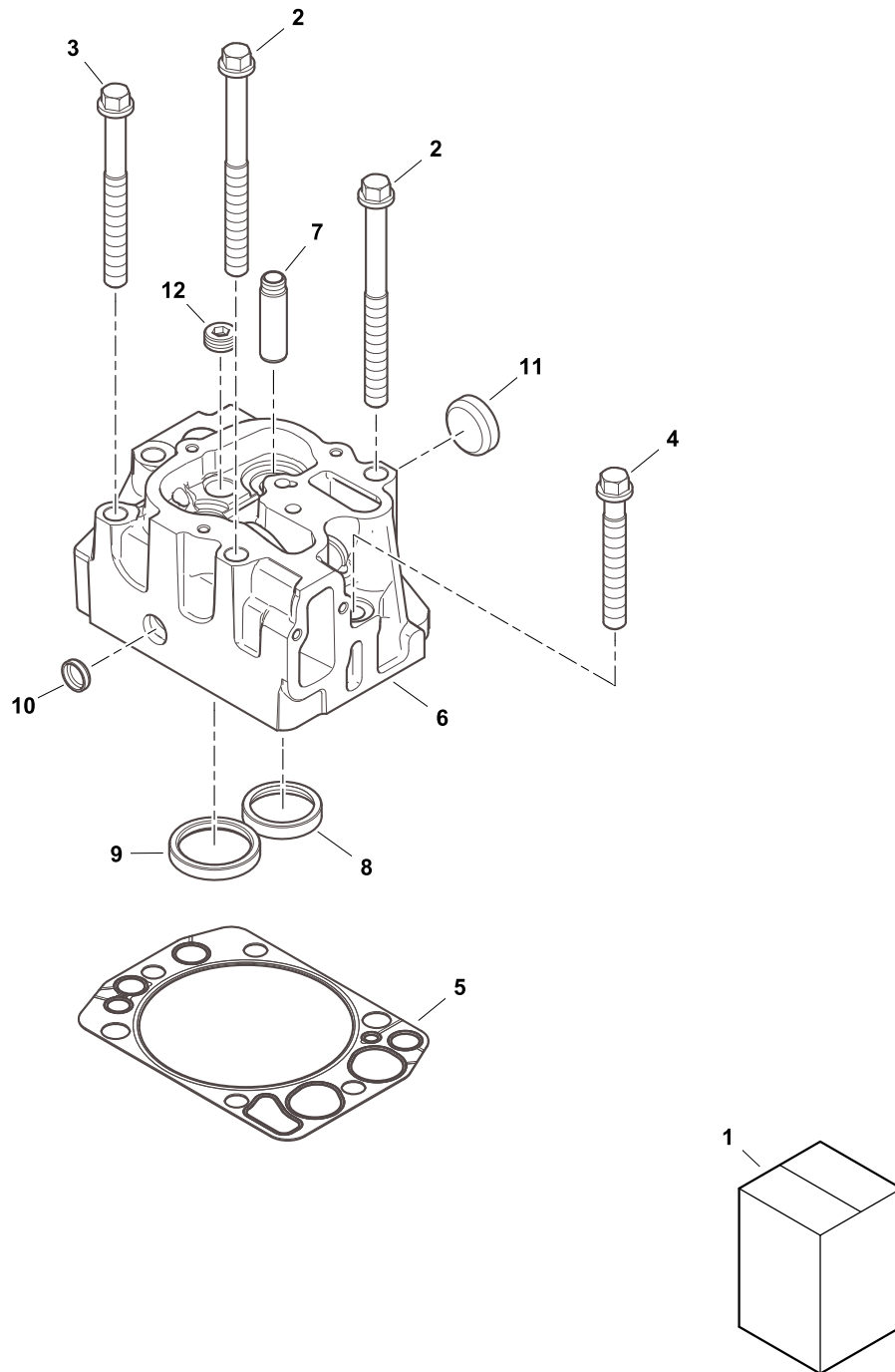
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CRANKSHAFT PULLEY



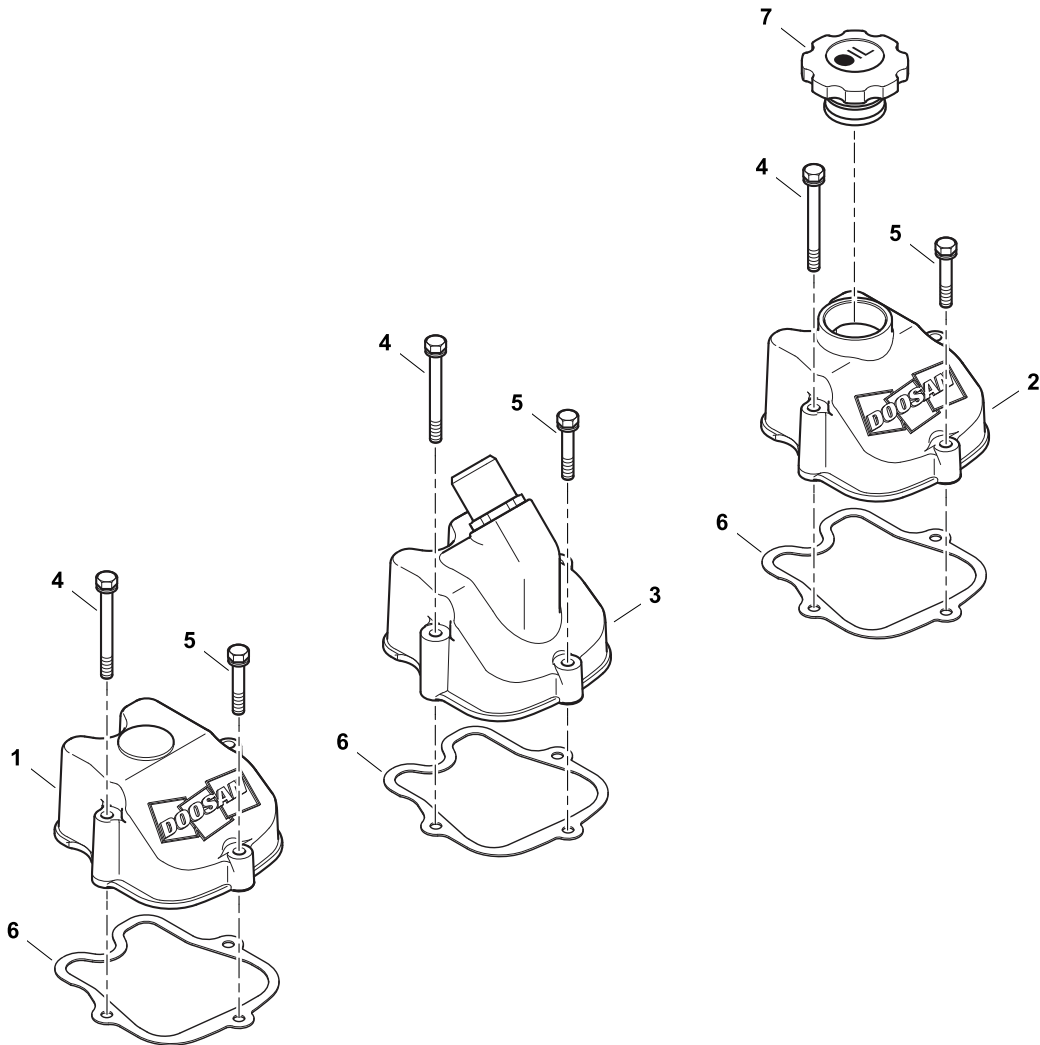
CRANKSHAFT PULLEY	
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CYLINDER HEAD



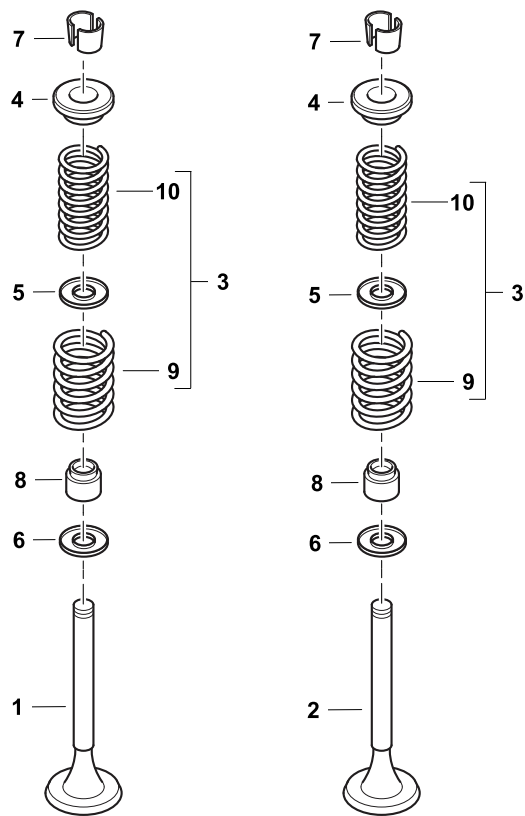
CYLINDER HEAD	
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CYLINDER HEAD COVER

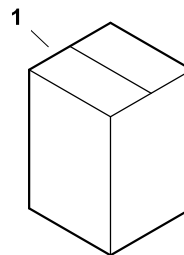
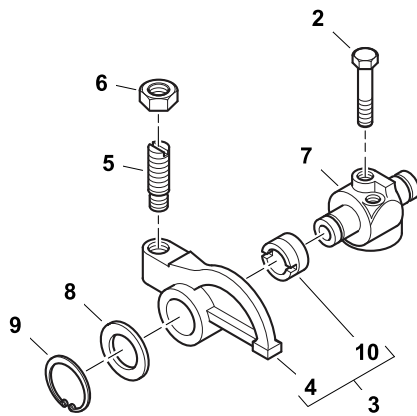


CYLINDER HEAD COVER	
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VALVE



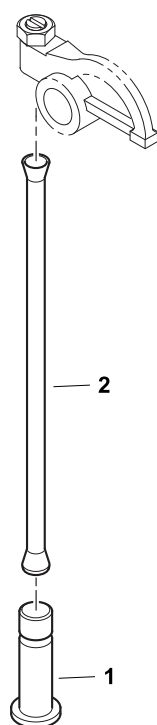
ROCKER ARM



ROCKER ARM	
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[illegible]

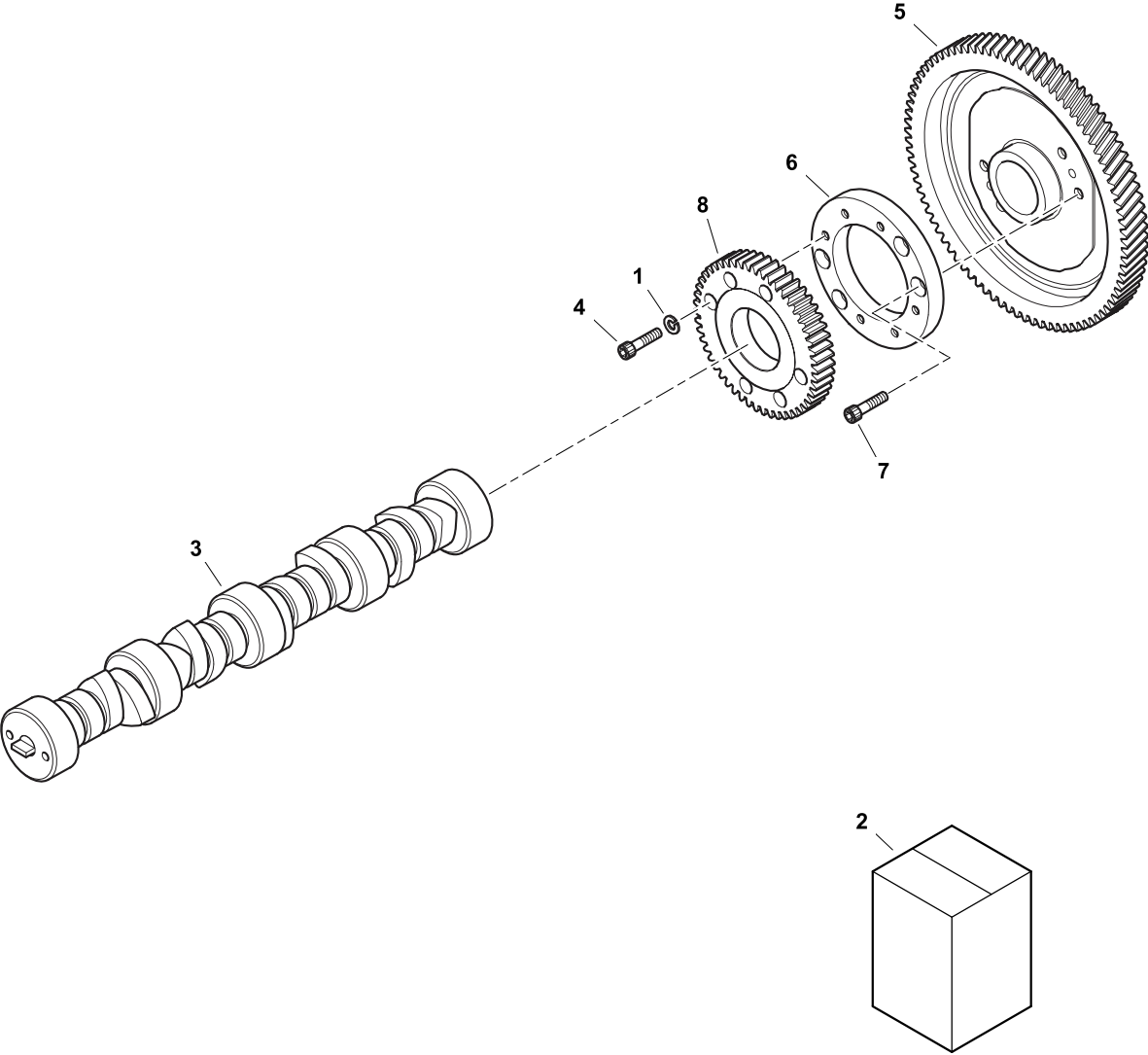
TAPPET AND PUSH ROD



TAPPET AND PUSH ROD	
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[illegible]

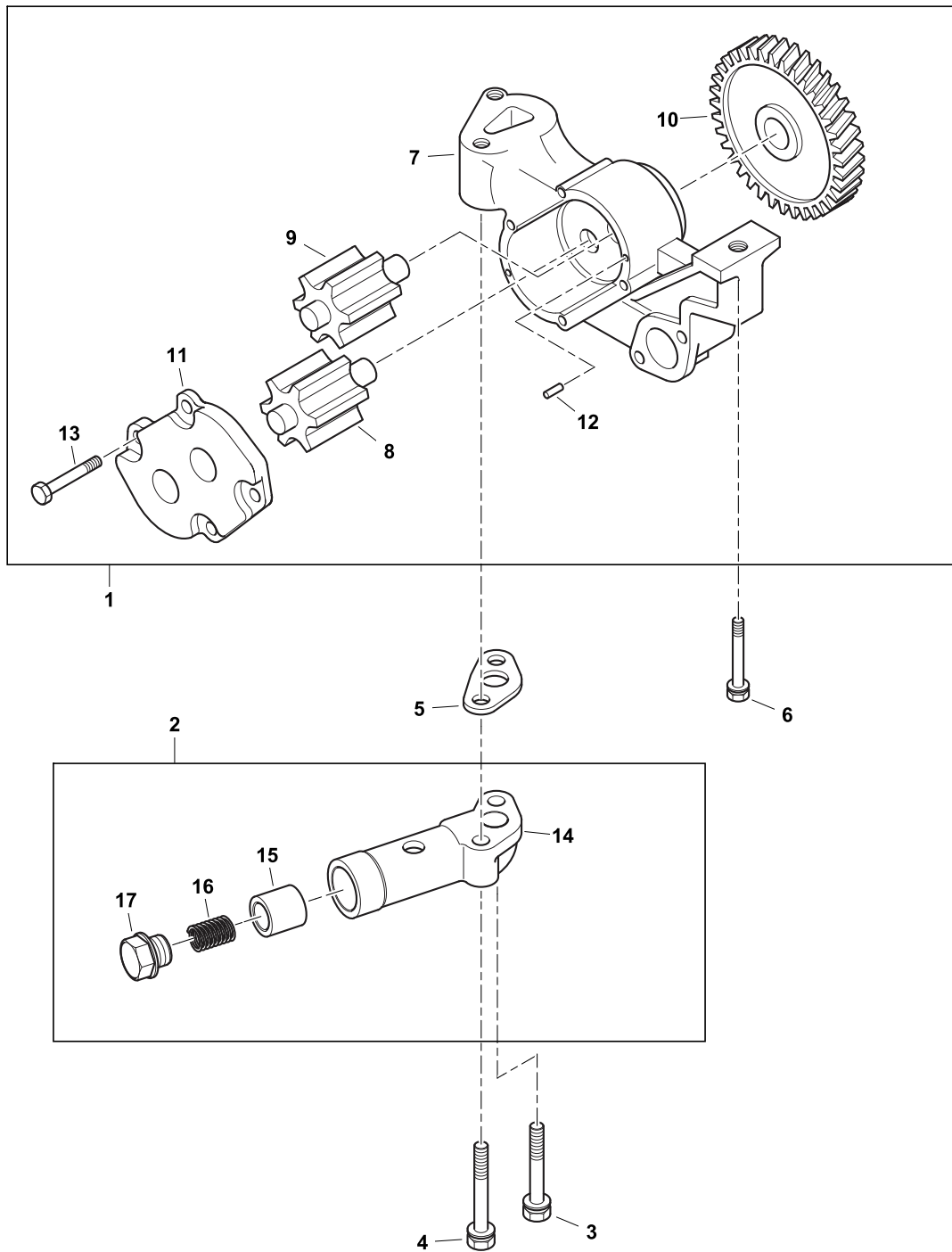
CAMSHAFT



CAMSHAFT	
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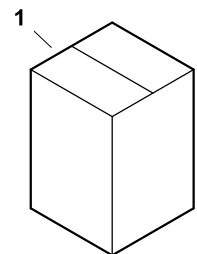
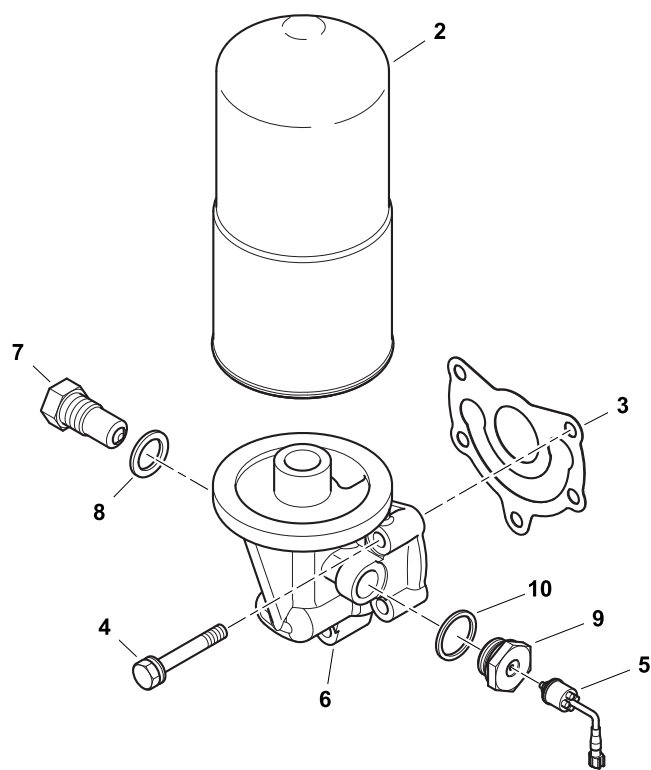
OIL PUMP



OIL PUMP	
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[illegible]

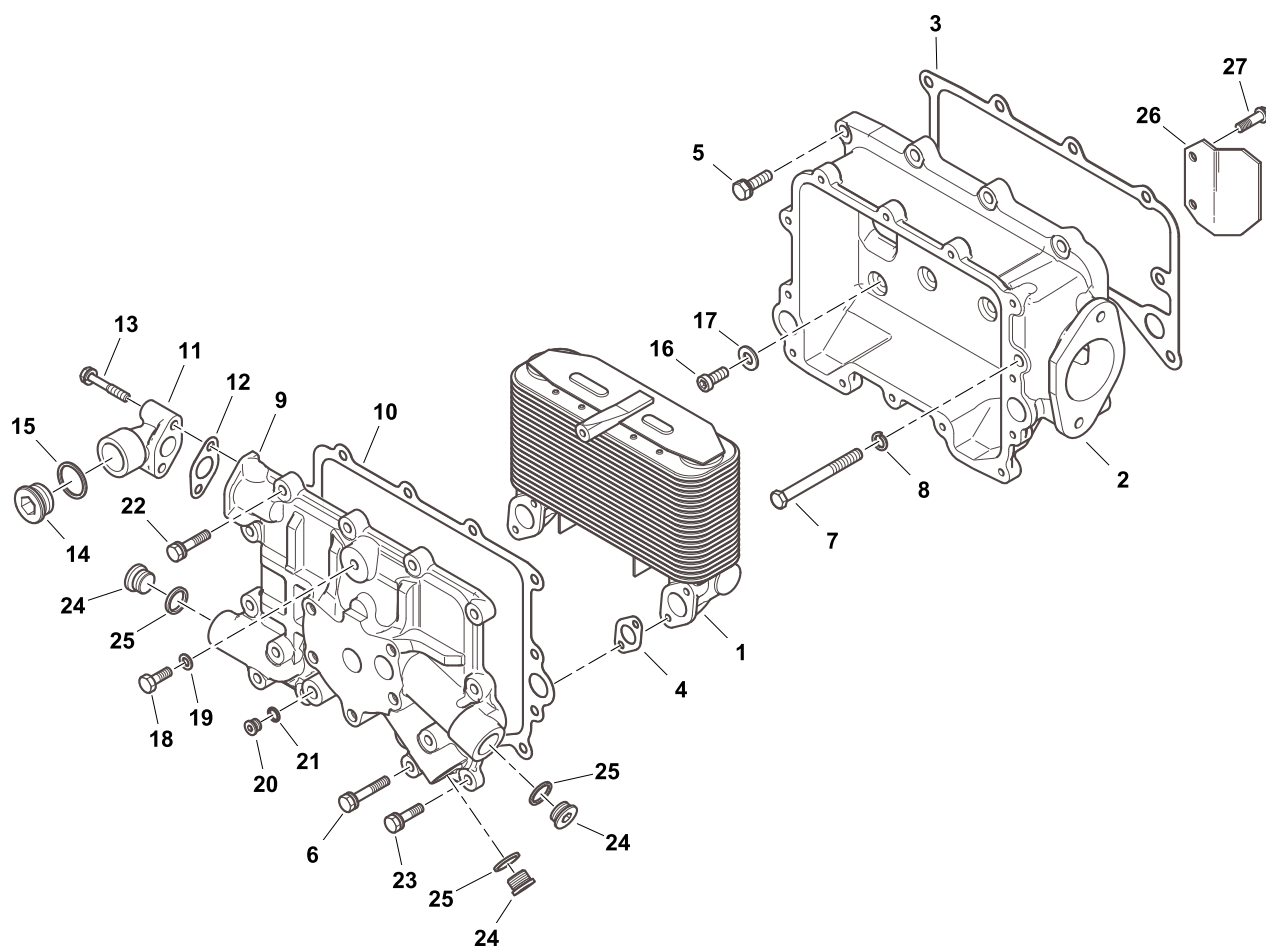
OIL FILTER



OIL FILTER	
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[illegible]

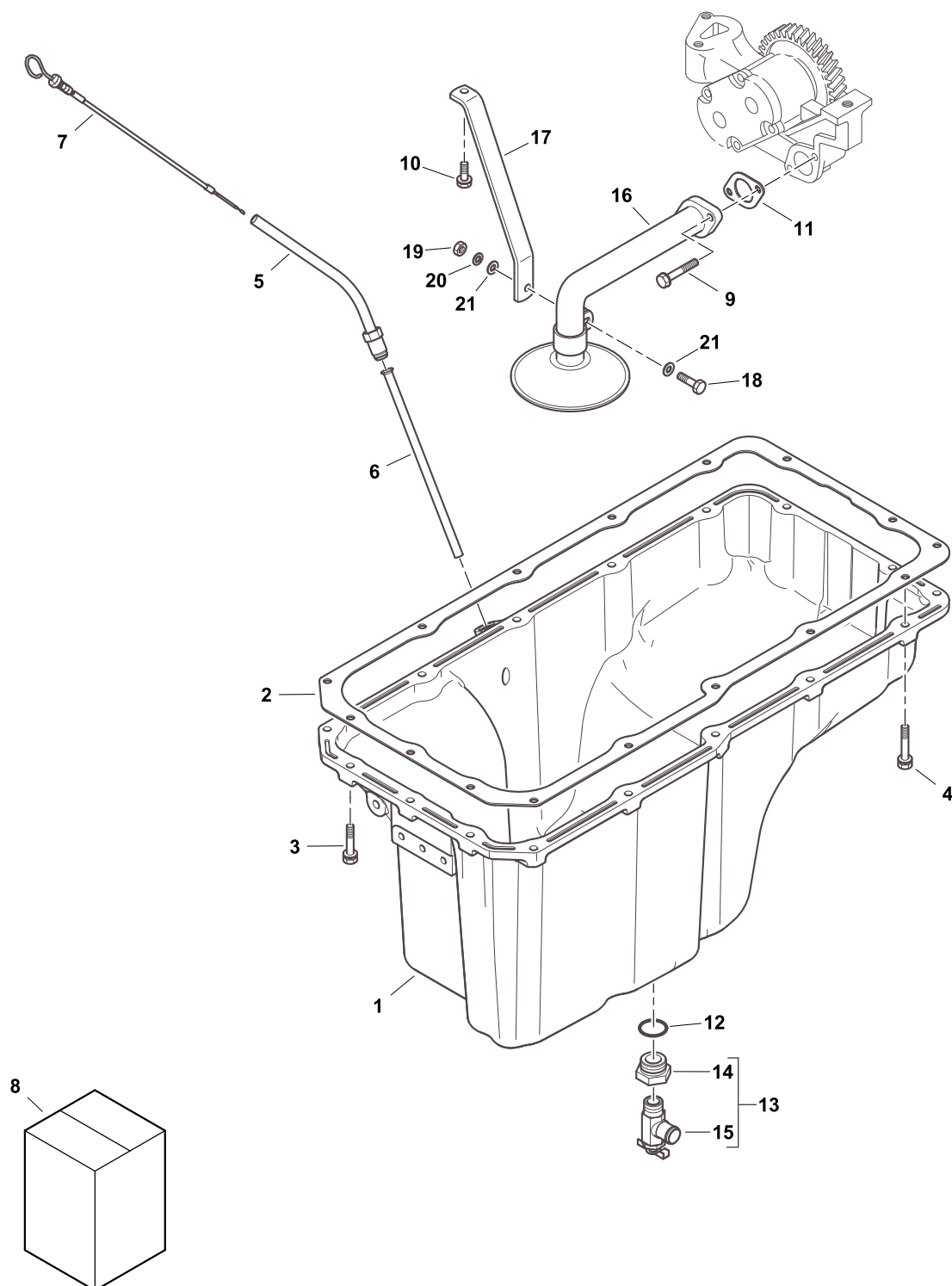
OIL COOLER



OIL COOLER

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46685868	OIL COOLER ASSY			1
2	46685872	HOUSING, OIL COOLER			1
3	46684930	GASKET, OIL COOLER HOUSING			1
4	46686255	GASKET			2
5	46683575	SCREW			6
6	46682042	SCREW			4
7	46683201	SCREW			1
8	46682730	WASHER			1
9	46684761	HEAD, OIL COOLER			1
10	46686021	GASKET, COVER HOUSING			1
11	46687527	FLANGE			1
12	46686025	GASKET			1
13	46683595	SCREW			2
14	46687040	SCREW			1
15	46684371	RING, SEAL			1
16	46686911	SCREW			3
17	46687216	WASHER			1
18	46683205	SCREW			1
19	46684247	WASHER			1
20	46683968	SCREW, PLUG			1
21	46689020	RING, SEAL			1
22	46683296	SCREW			12
23	46683591	SCREW			1
24	46683965	SCREW, PLUG			3
25	46684368	RING, SEAL			3
26	46685870	PLATE			1
27	46683207	SCREW			2

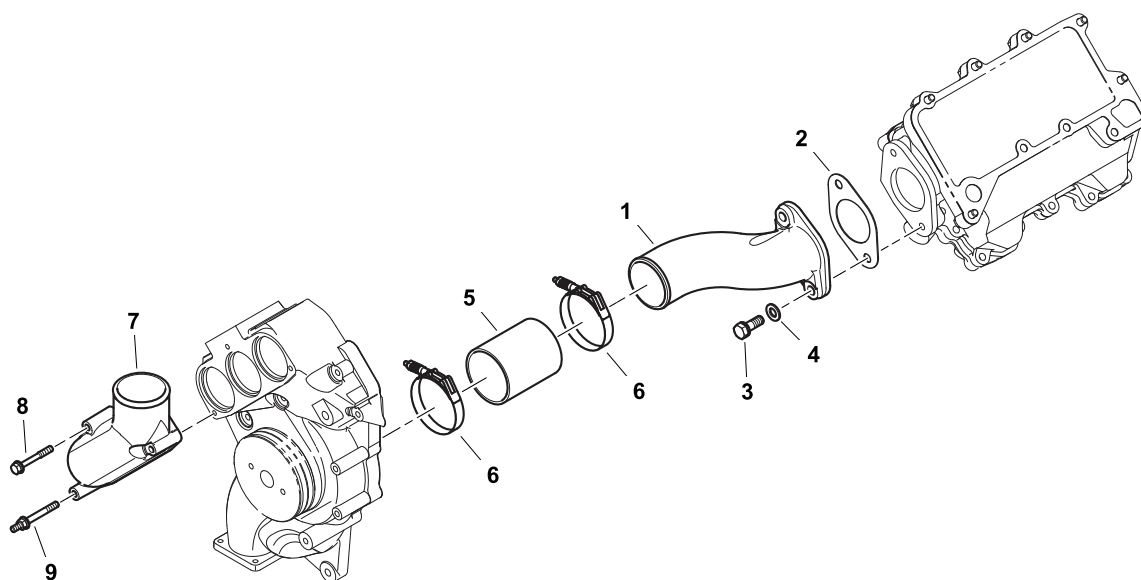
OIL PAN



OIL PAN	
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[illegible]

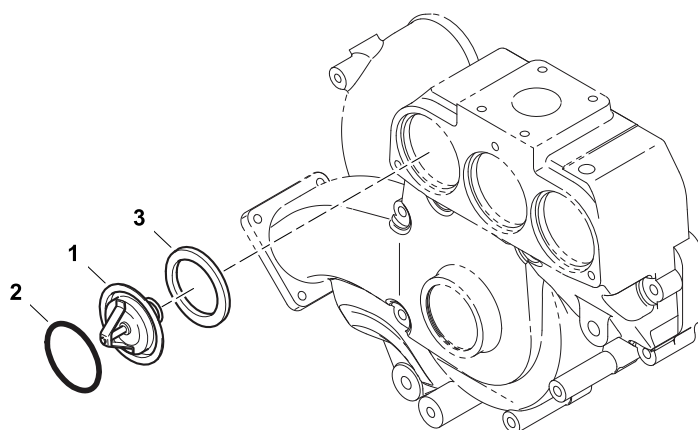
COOLING WATER PIPE



COOLING WATER PIPE

[illegible]

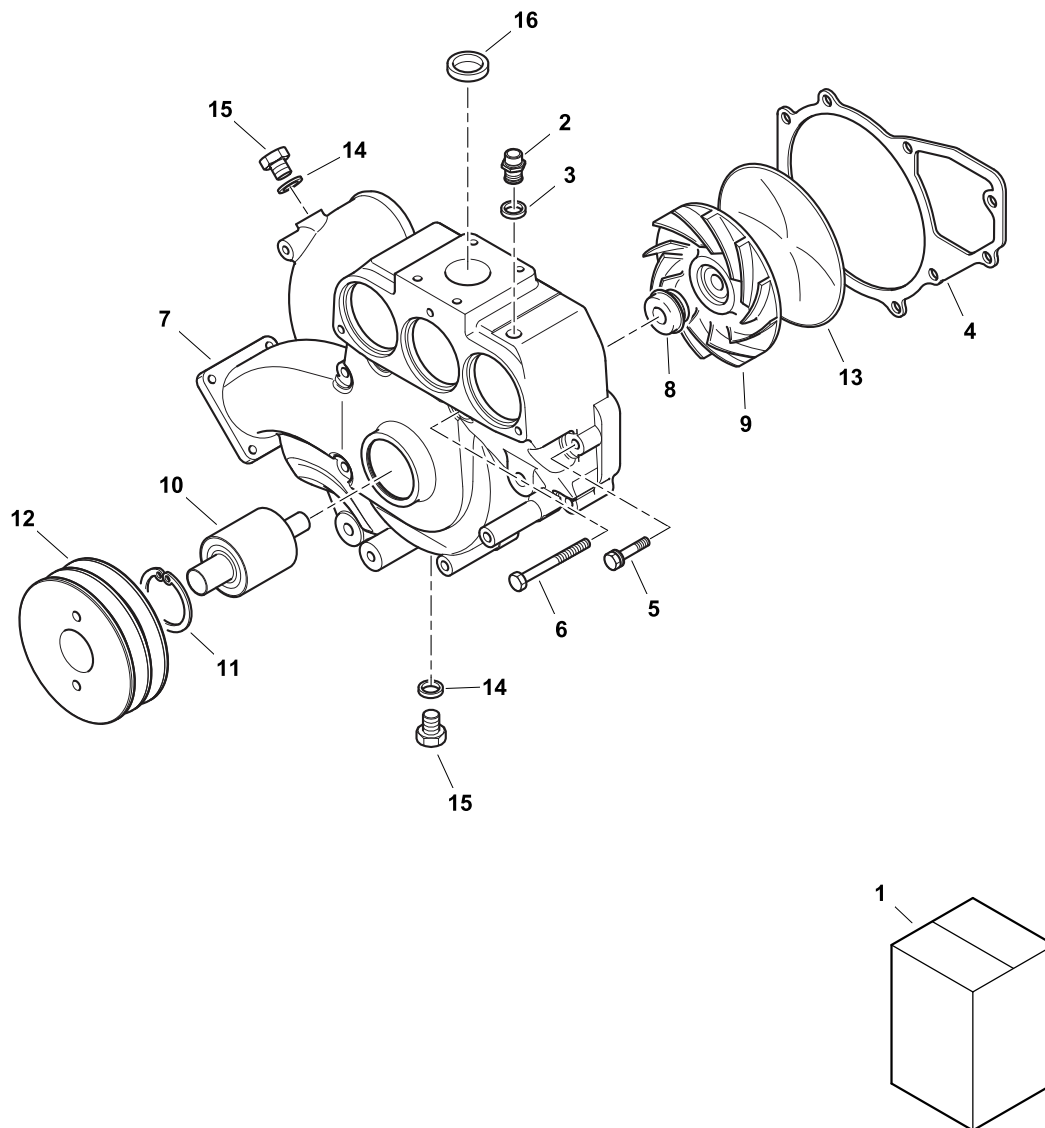
THERMOSTAT



THERMOSTAT	
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[illegible]

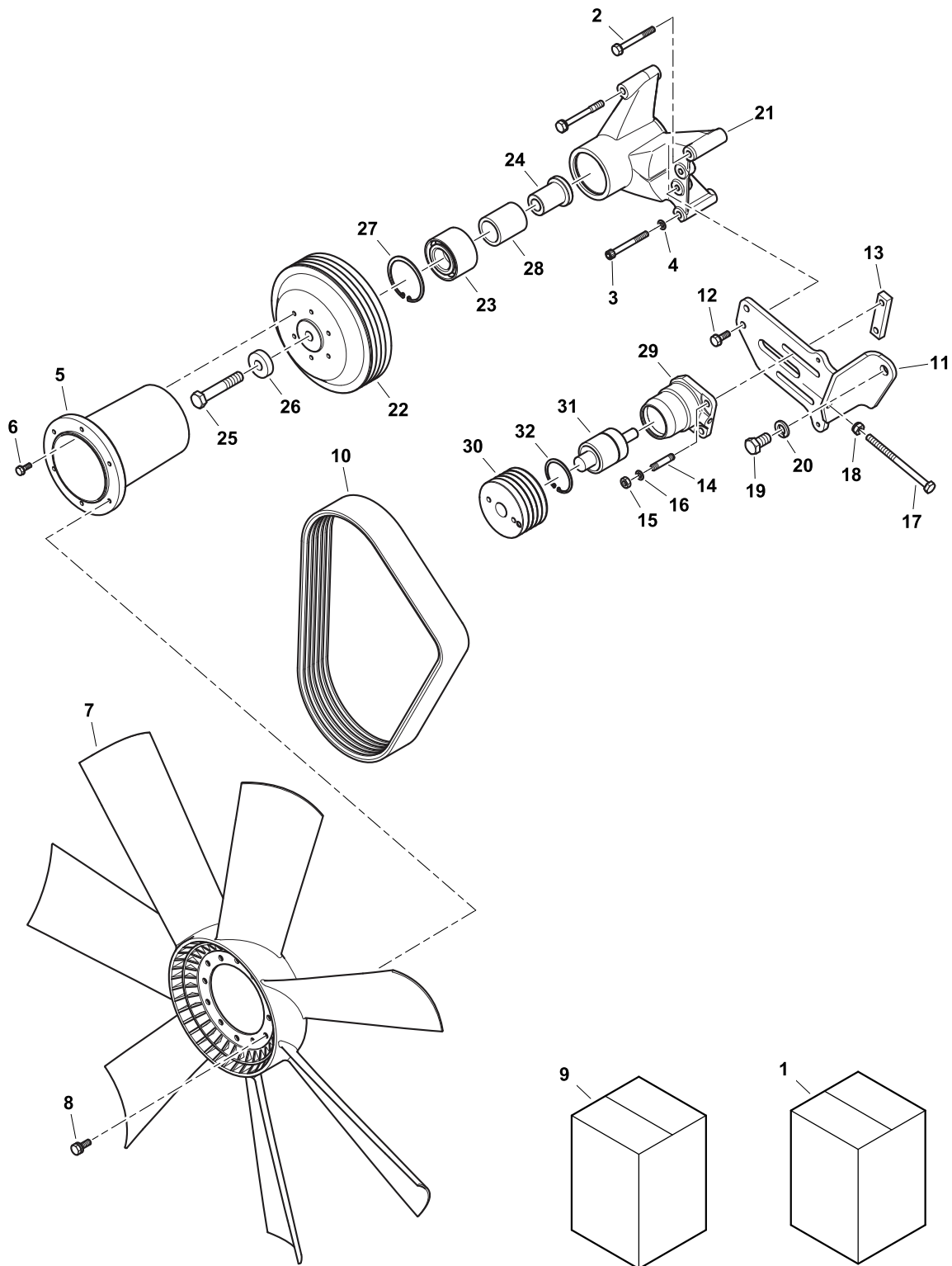
WATER PUMP



WATER PUMP	
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[illegible]

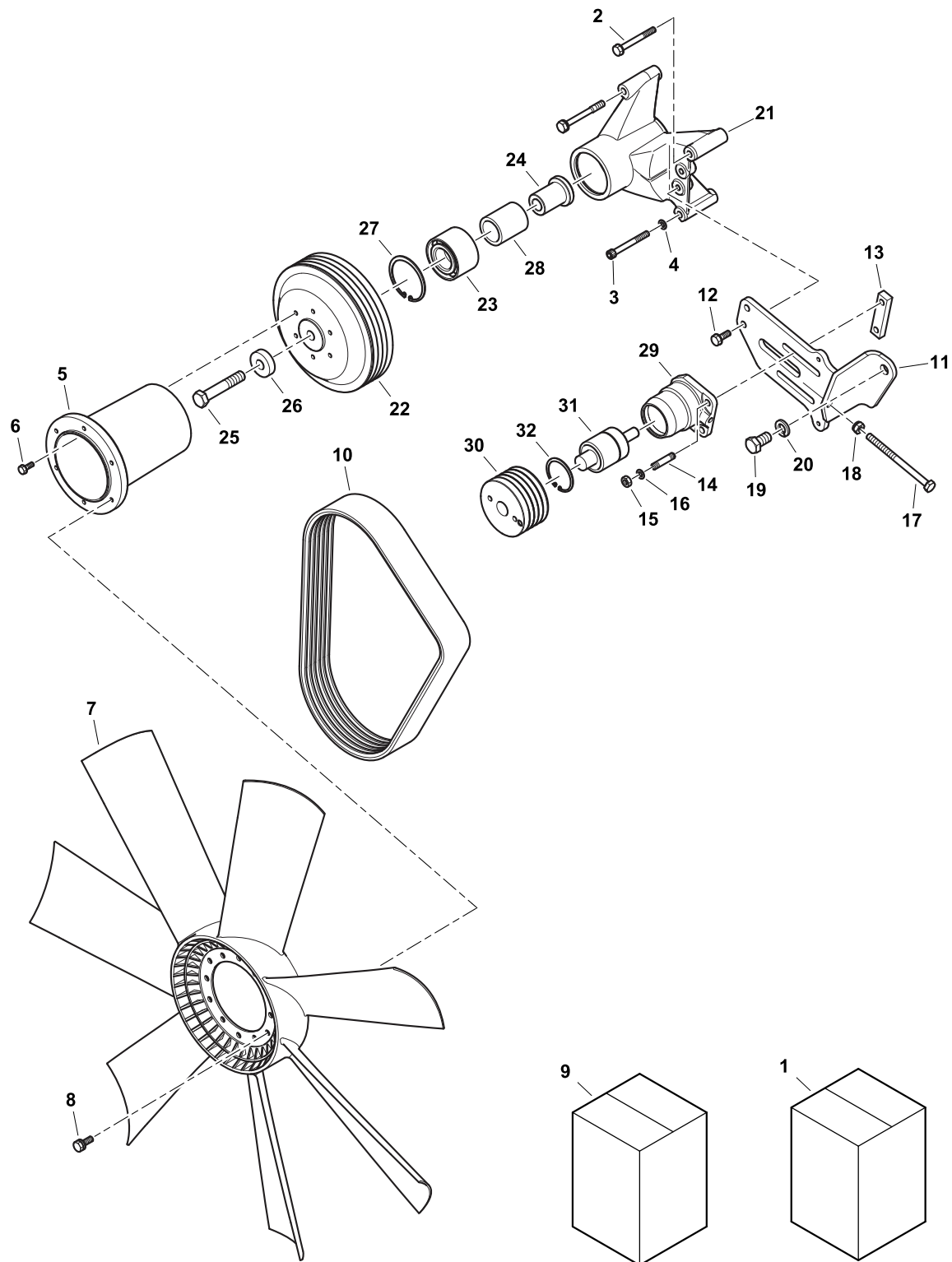
COOLING FAN



COOLING FAN

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46684399	FAN MOUNTING BRACKET ASSY	w/Ref. 21–28		1
2	46683570	SCREW			1
3	46683852	SCREW			1
4	46684251	WASHER			1
5	46686242	FLANGE, FAN			1
6	46683592	SCREW			6
7	46686153	FAN, COOLING			1
8	46682048	SCREW			6
9	46684655	IDLE PULLEY ASSY	w/Ref. 29–32		1
10	46684641	V-BELT			1
11	NAP	BRACKET, IDLE PULLEY			1
12	46683611	SCREW			2
13	46685985	BRACKET, IDLE PULLEY			1
14	46683959	SCREW			2
15	46682375	NUT			2
16	46682730	WASHER			2
17	46683262	SCREW			1
18	46684240	NUT			1
19	46683264	SCREW			1
20	46682732	WASHER			1
21	46684654	PULLEY, FAN			1
22	46686158	BRACKET, FAN MOUNTING			1
23	46685156	BEARING, ANGULAR BALL			1
24	46686160	SHAFT, FAN			1
25	46683285	SCREW			1
26	46687074	WASHER			1
27	46684280	RING, SNAP			1
28	46683570	SCREW			2
29	46684401	BRACKET, IDLE PULLEY			1
30	46684656	PULLEY, IDLE			1
31	46682954	BEARING			1

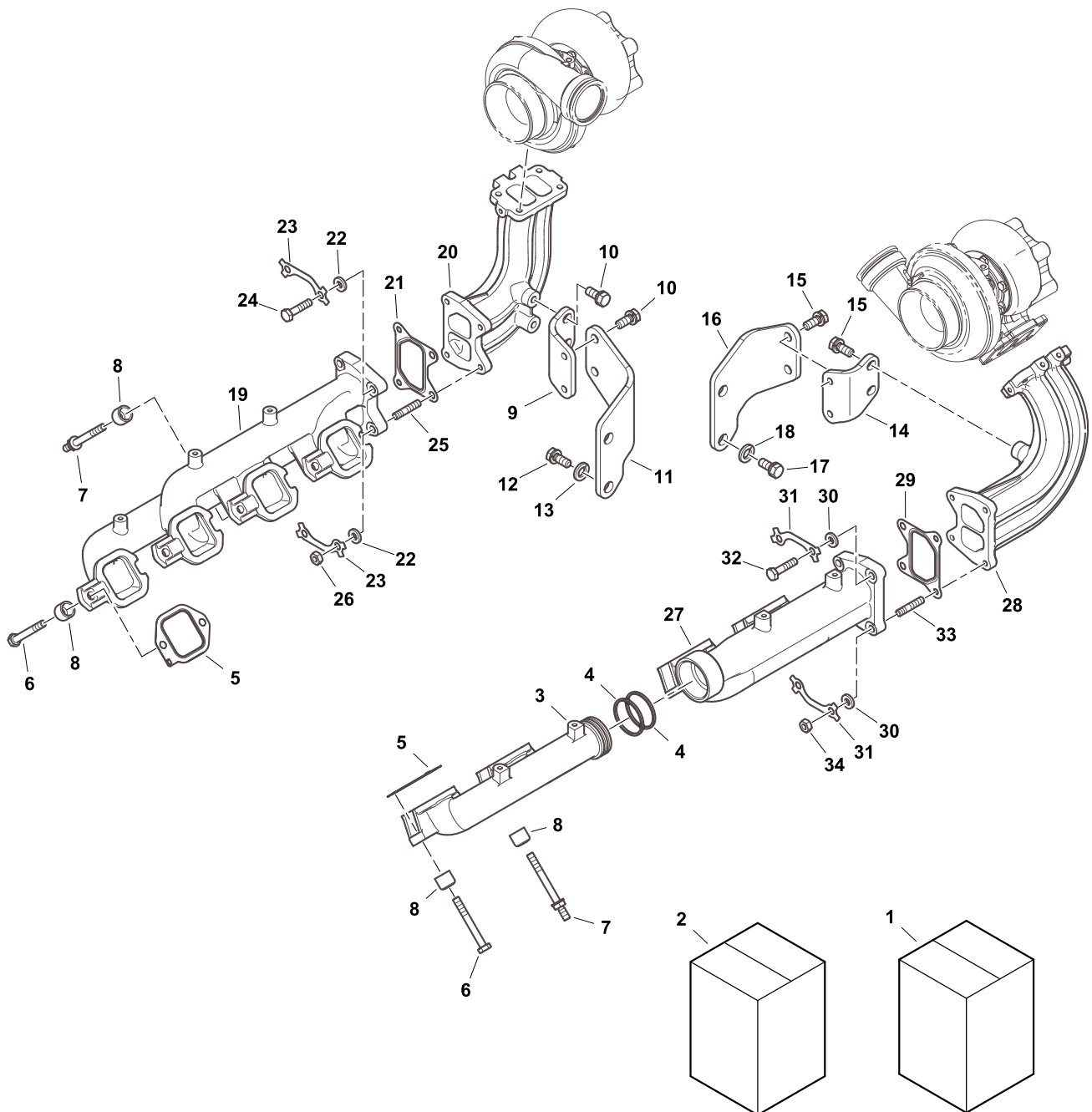
COOLING FAN



COOLING FAN	
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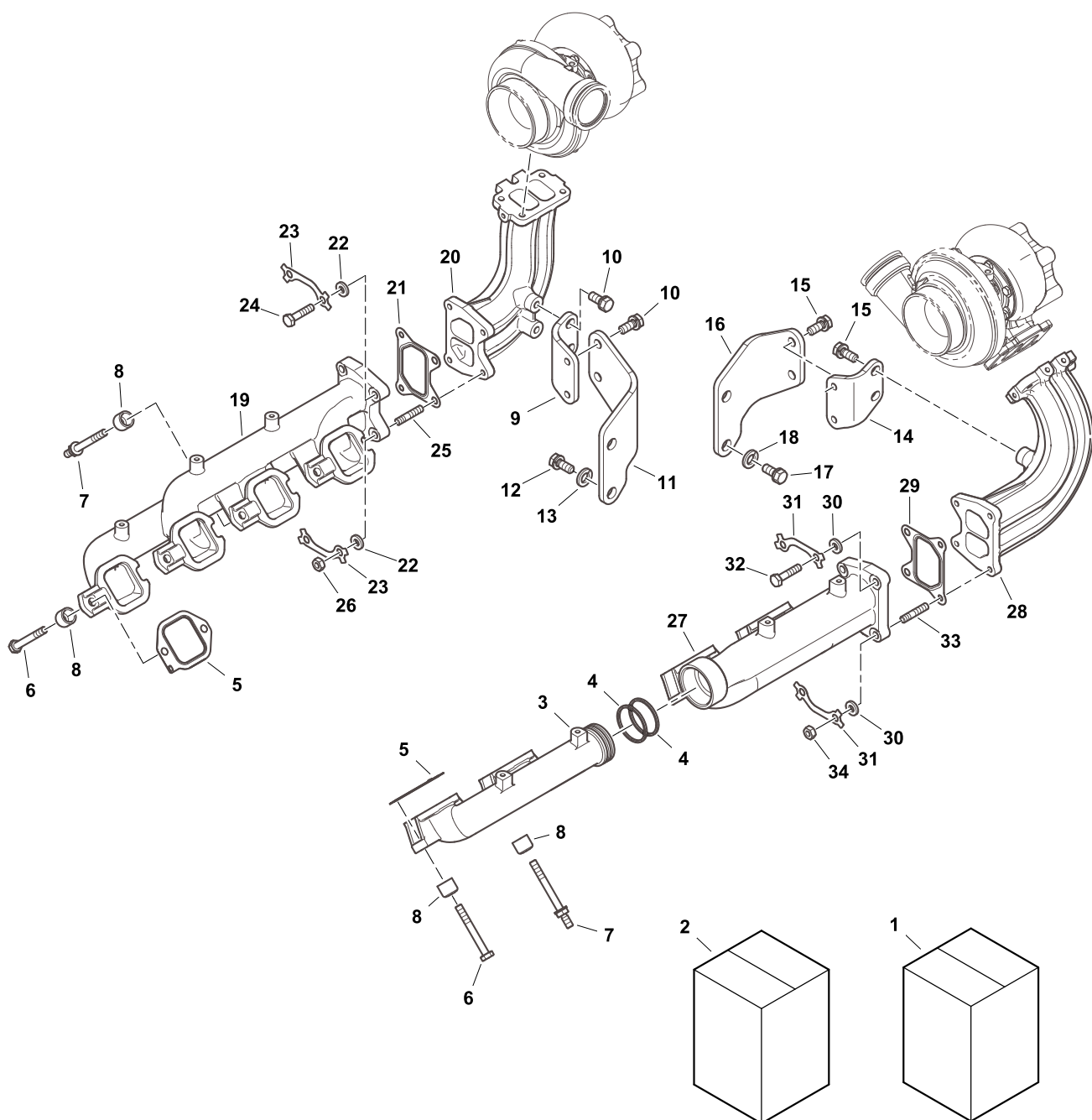
EXHAUST MANIFOLD



EXHAUST MANIFOLD

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46684825	EXHAUST MANIFOLD ASSY	w/Ref. 19–26		1
2	NAP	EXHAUST MANIFOLD ASSY	w/Ref. 27–34		1
3	46684819	MANIFOLD, EXHAUST			1
4	46687569	RING, LAMINATED			2
5	46695955	GASKET, EXHAUST MANIFOLD			8
6	46683203	SCREW			8
7	46686878	SCREW			8
8	46687209	SPACER			16
9	46684408	BRACKET, EXHAUST ELBOW			1
10	46683615	SCREW			4
11	46684410	BRACKET, EXHAUST ELBOW			1
12	46683284	SCREW			2
13	46682732	WASHER			2
14	46684412	BRACKET, EXHAUST ELBOW			1
15	46683615	SCREW			4
16	46684411	BRACKET, EXHAUST ELBOW			1
17	46683284	SCREW			2
18	46682732	WASHER			2
19	46684829	MANIFOLD, EXHAUST			1
20	46684828	MANIFOLD, EXHAUST			1
21	46687383	GASKET			1
22	46687062	WASHER			4
23	46687079	WASHER			2
24	46683190	SCREW			3
25	46684549	SCREW			1
26	46682375	NUT			1
27	46684818	MANIFOLD, EXHAUST			1
28	46684823	MANIFOLD, EXHAUST			1
29	46687383	GASKET			1
30	46687062	WASHER			4
31	46687079	WASHER			2

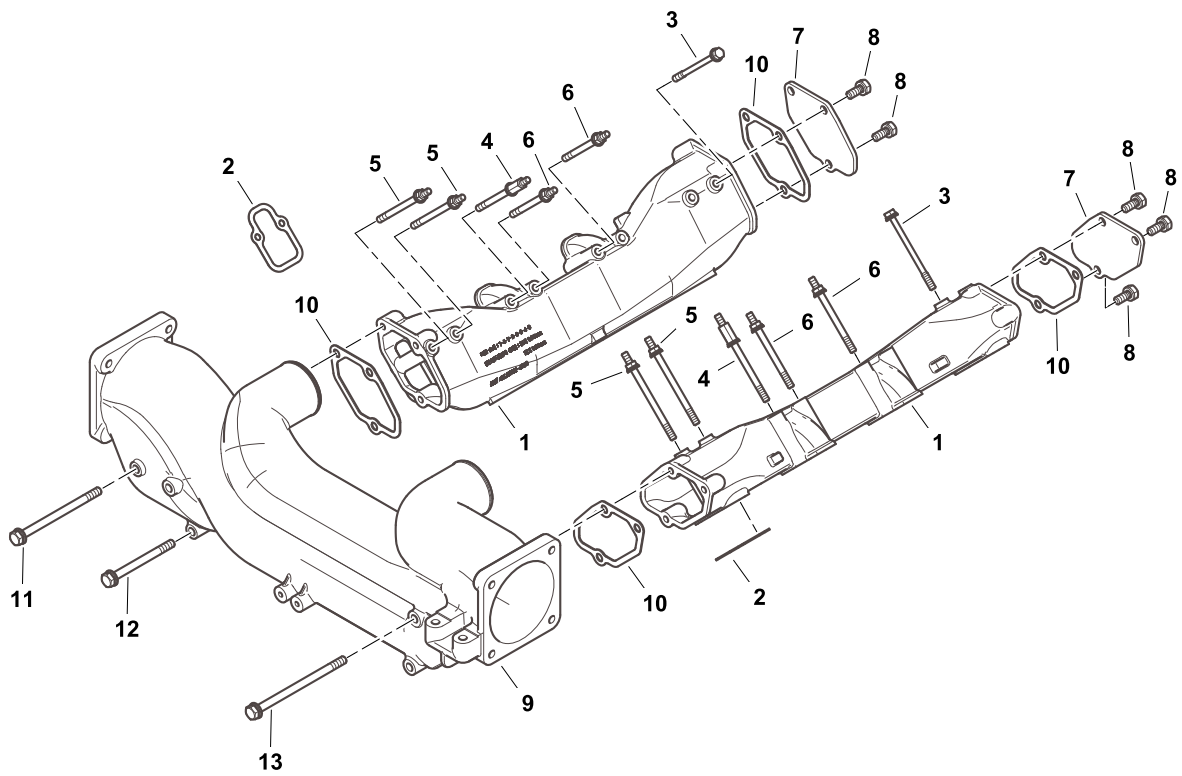
EXHAUST MANIFOLD



EXHAUST MANIFOLD	
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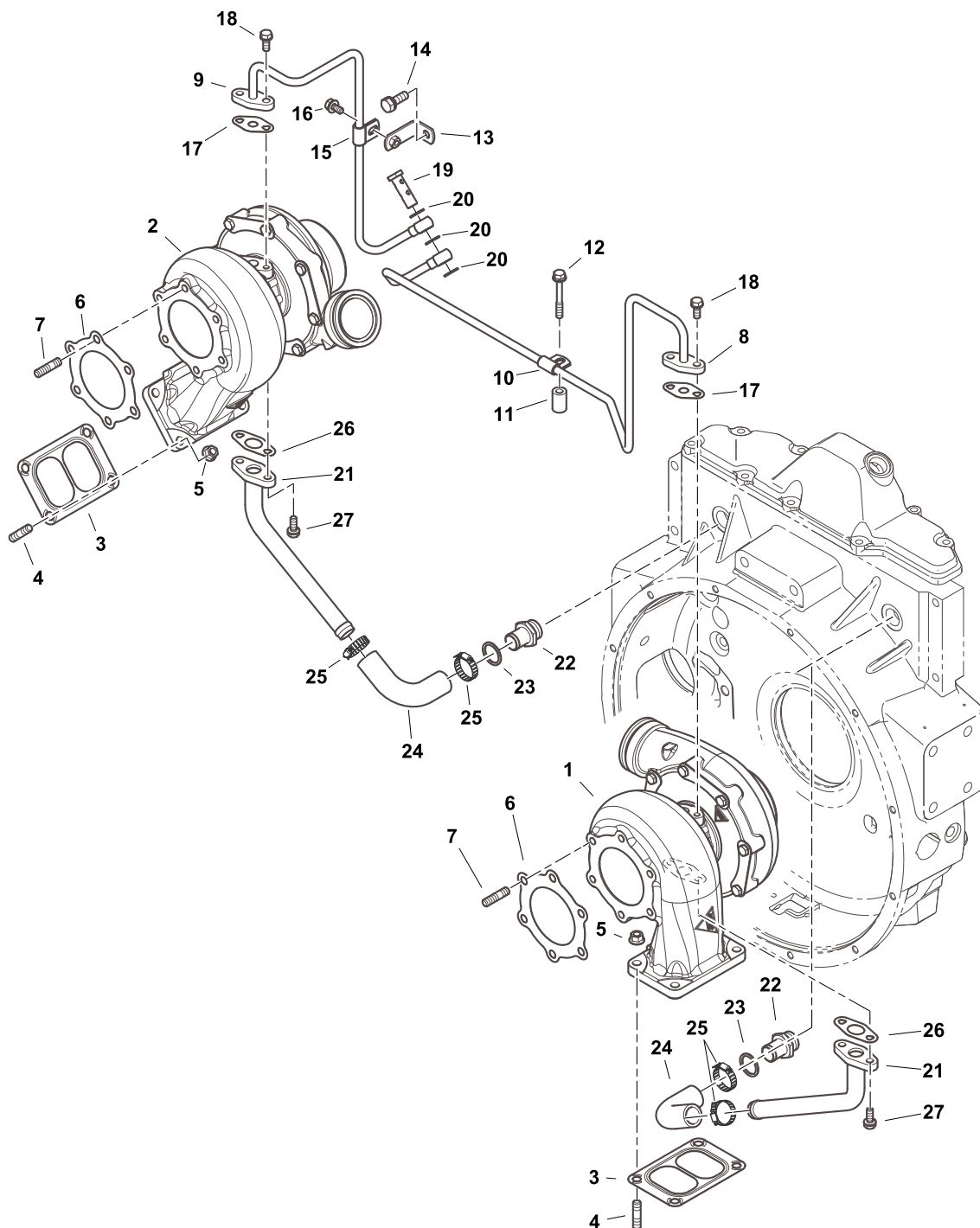
INTAKE MANIFOLD



INTAKE MANIFOLD

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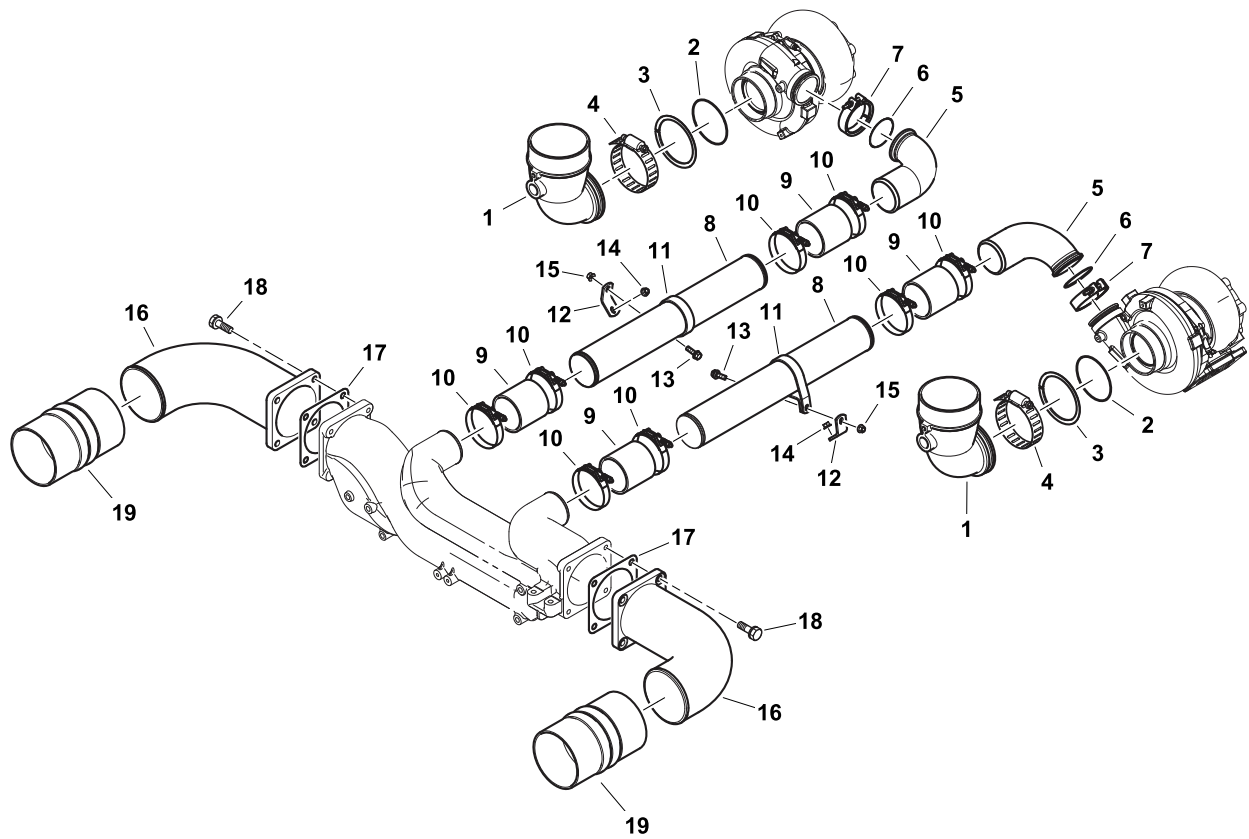
TURBOCHARGER



TURBOCHARGER

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46684724	TURBOCHARGER ASSY			1
2	46684723	TURBOCHARGER ASSY			1
3	46686428	GASKET, TURBOCHARGER			2
4	46686923	SCREW, STUD			8
5	46687057	NUT			8
6	46686396	GASKET, EXHAUST ELBOW			2
7	46695947	SCREW, STUD			12
8	46685055	PIPE, OIL DELIVERY			1
9	46685056	PIPE, OIL DELIVERY			1
10	46687405	CLIP, PIPE			1
11	46682949	SPACER			1
12	46682050	SCREW			1
13	46687509	HOLDER			1
14	46683308	SCREW			1
15	46687405	CLIP, PIPE			1
16	46682037	SCREW			1
17	46687384	GASKET, OIL PIPE ADAPTER			2
18	NAP	SCREW			4
19	46684164	SCREW, HOLLOW			1
20	NAP	RING, SEAL			3
21	NAP	PIPE, OIL RETURN			2
22	46687551	FITTING			2
23	46684370	RING, SEAL			2
24	NAP	HOSE, OIL			2
25	46695933	CLAMP, HOSE			4
26	46687380	GASKET			2
27	NAP	SCREW			4

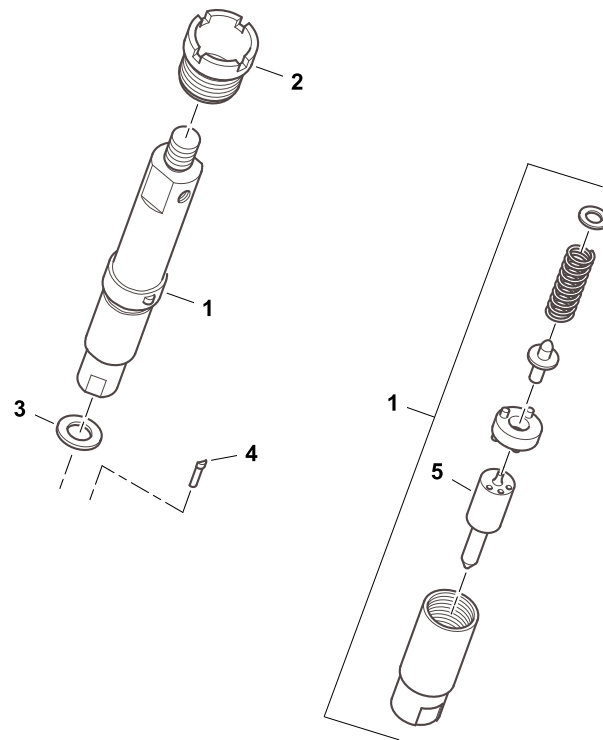
INTAKE STAKE



INTAKE STAKE	
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[illegible]

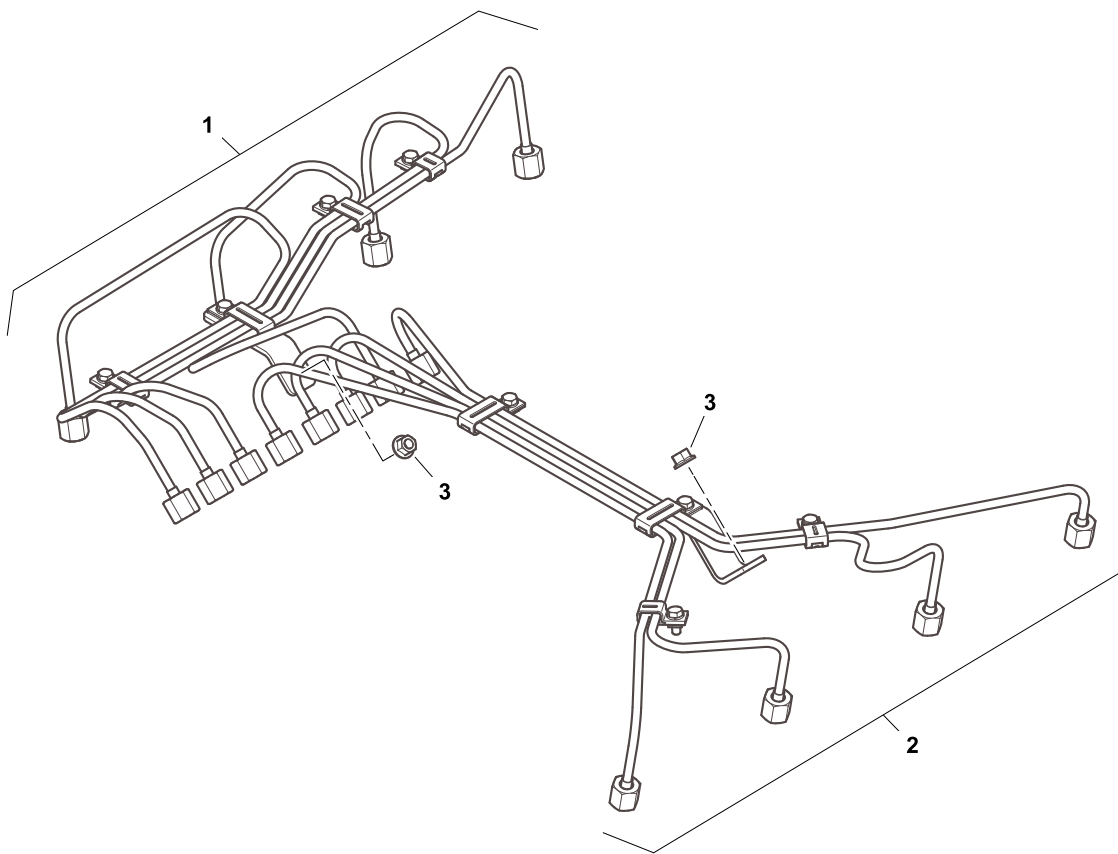
INJECTION NOZZLE



INJECTION NOZZLE	
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[illegible]

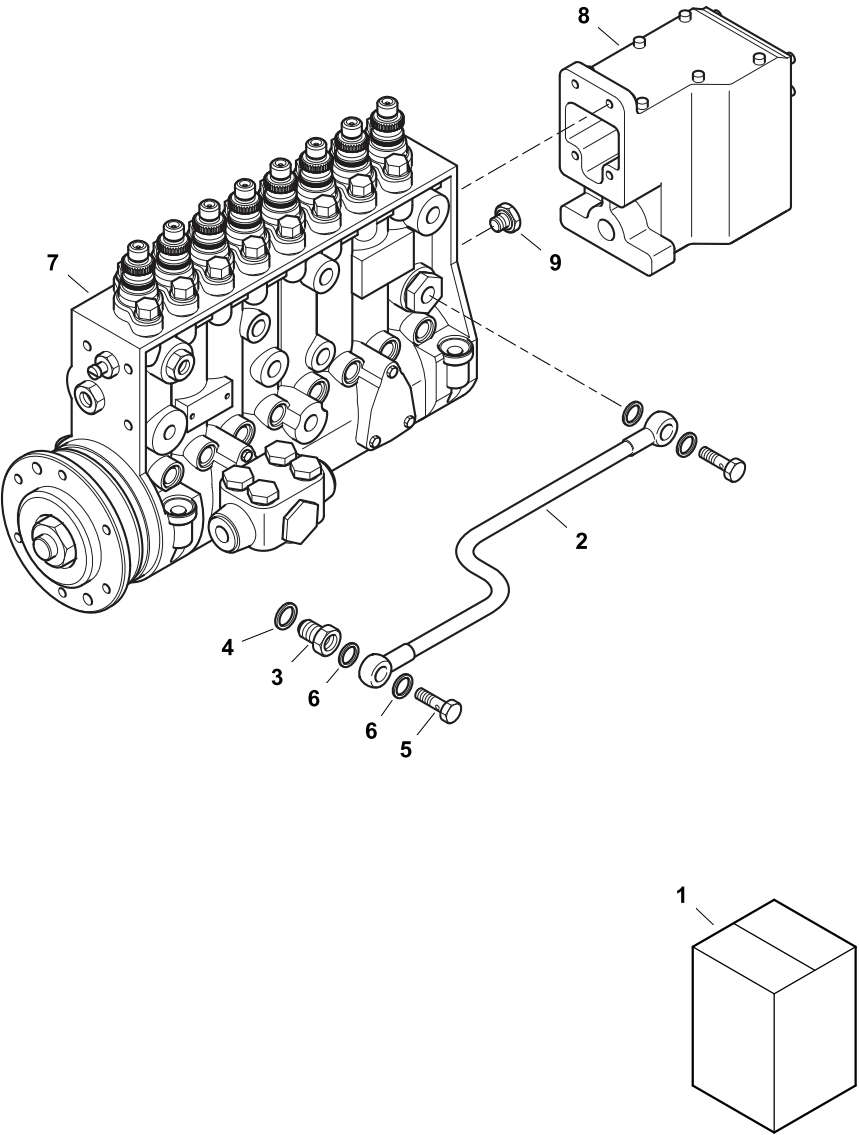
INJECTION PIPE



INJECTION PIPE

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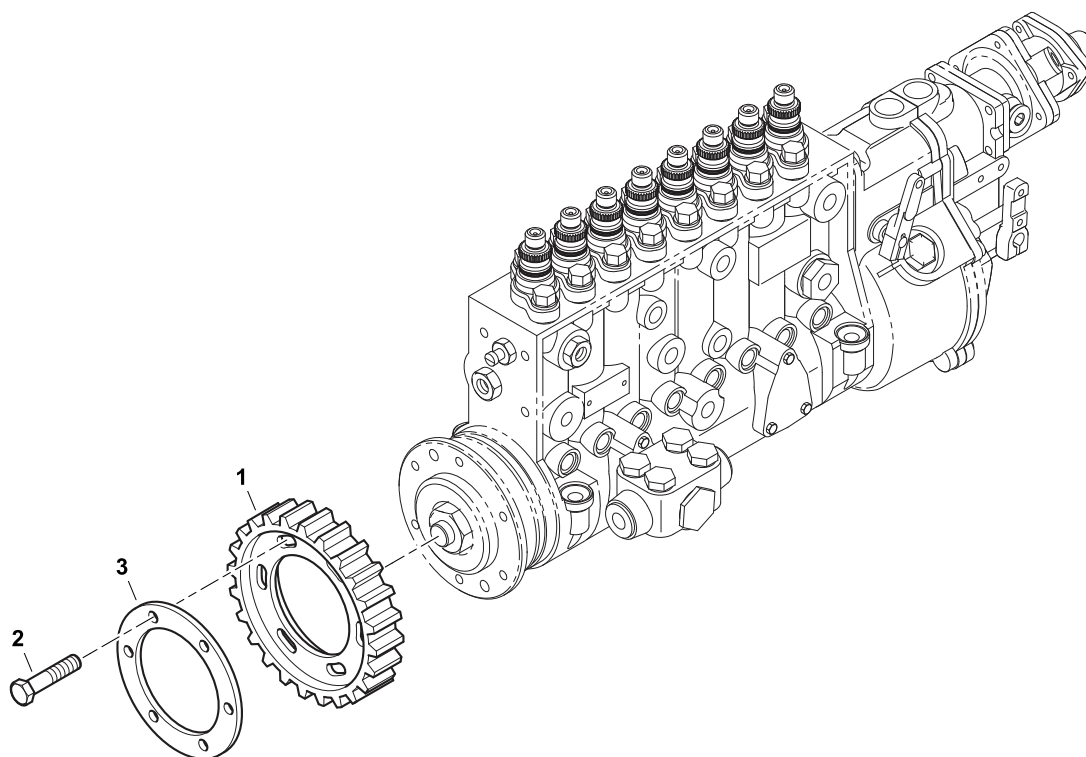
INJECTION PUMP



INJECTION PUMP	
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[illegible]

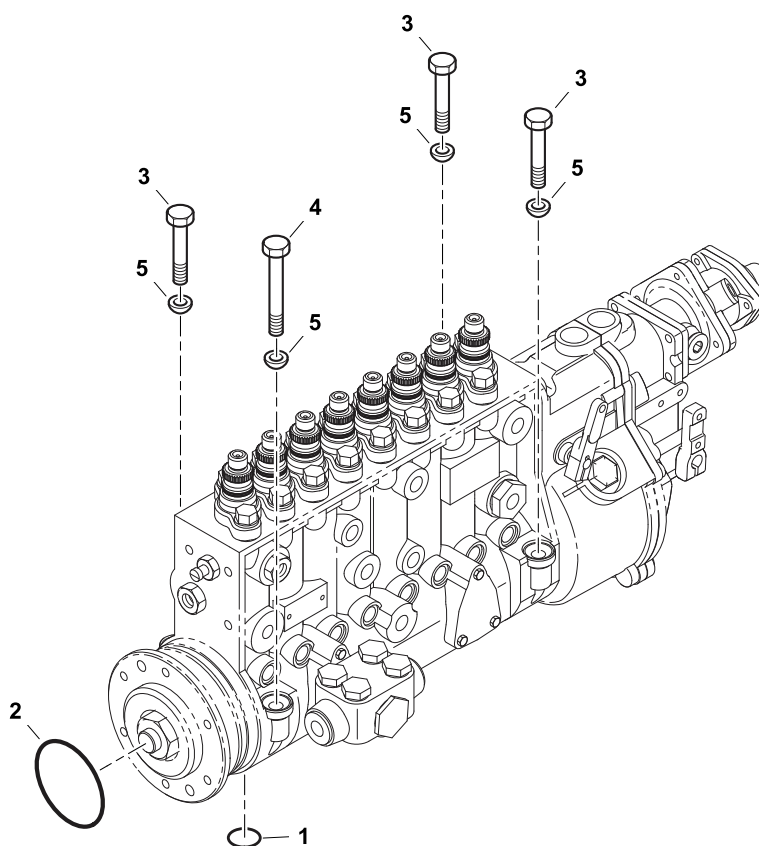
INJECTION PUMP DRIVE



INJECTION PUMP DRIVE	
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[illegible]

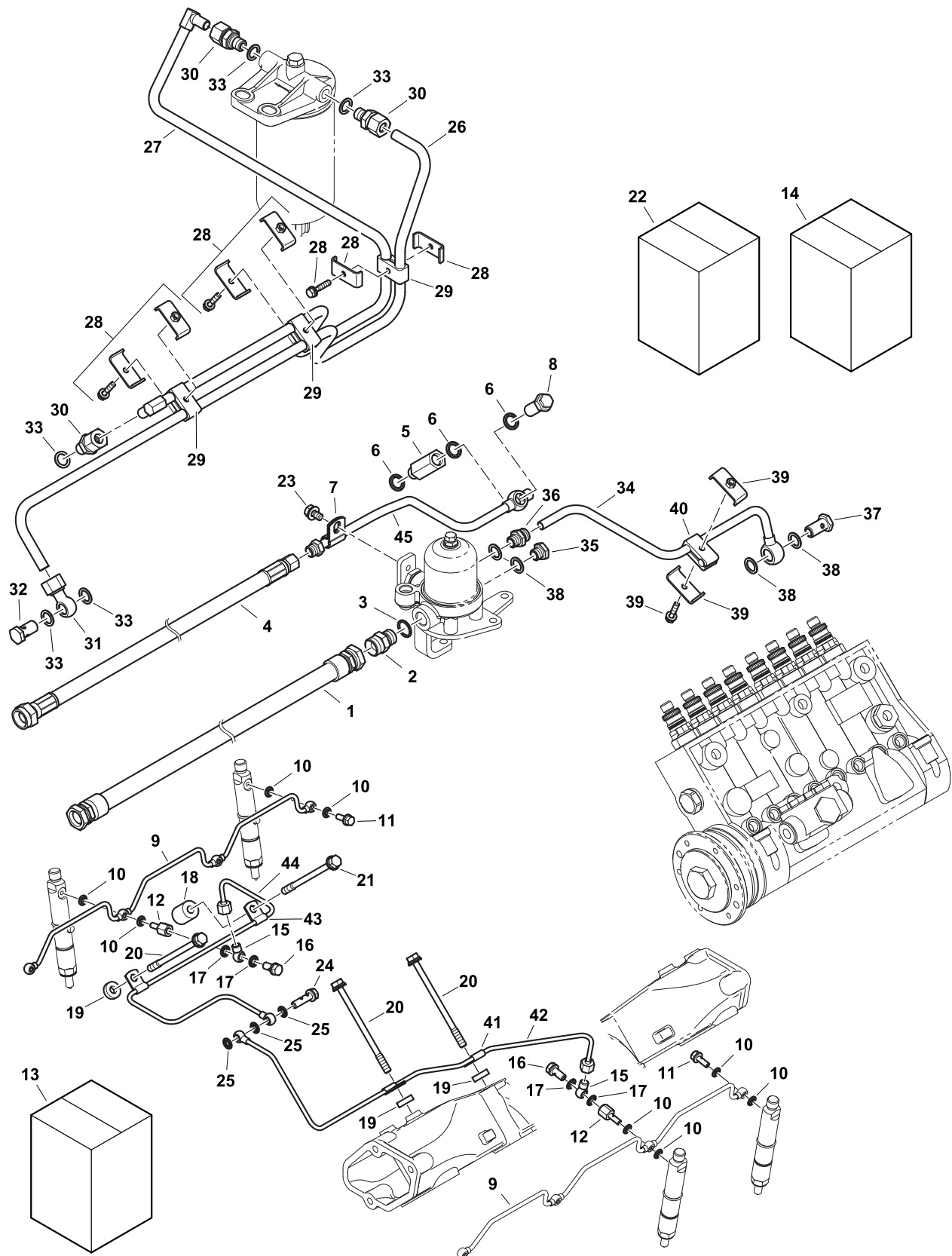
INJECTION PUMP MOUNTING



INJECTION PUMP MOUNTING

[illegible]

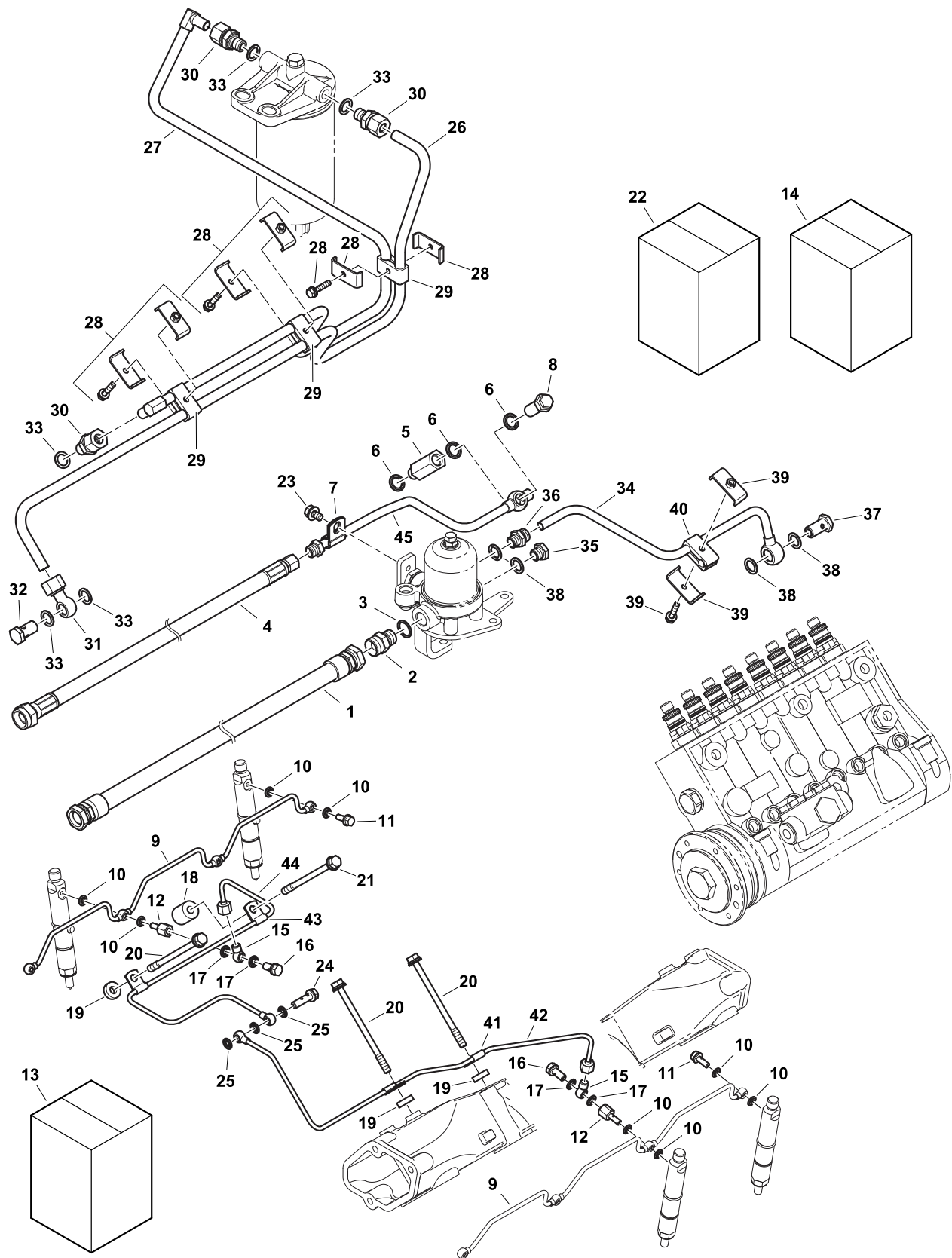
FUEL LINE



FUEL LINE

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46683170	HOSE, RUBBER			1
2	46687554	NIPPLE			1
3	46684363	RING, SEAL			1
4	46683176	HOSE, RUBBER			1
5	46687545	ADAPTER			1
6	46689020	RING, SEAL			3
7	46687405	CLIP, PIPE			1
8	46686559	VALVE, OVER FLOW			1
9	46686620	PIPE, FUEL OVER FLOW			2
10	NAP	SEAL, RING			16
11	NAP	SCREW, HOLLOW			6
12	NAP	SCREW, HOLLOW			2
13	NAP	PIPE, FUEL RETURN	w/Ref. 41 42		1
14	NAP	FUEL PIPE ASSY	w/Ref. 43, 44		1
15	NAP	UNION, BANJO			2
16	NAP	SCREW, HOLLOW			2
17	46682961	RING, SEAL			4
18	NAP	SPACER			1
19	NAP	SPACER			3
20	NAP	SCREW			3
21	NAP	SCREW			1
22	NAP	PIPE, FUEL RETURN	w/Ref. 7, 45		1
23	46683589	SCREW			1
24	NAP	SCREW, HOLLOW			1
25	46682961	RING, SEAL			3
26	NAP	PIPE, FUEL			1
27	NAP	PIPE, FUEL			1
28	46687418	PIPE CLIP ASSY			3
29	NAP	INSULATOR			3
30	NAP	NIPPLE, UNION			3
31	NAP	UNION, BANJO			1

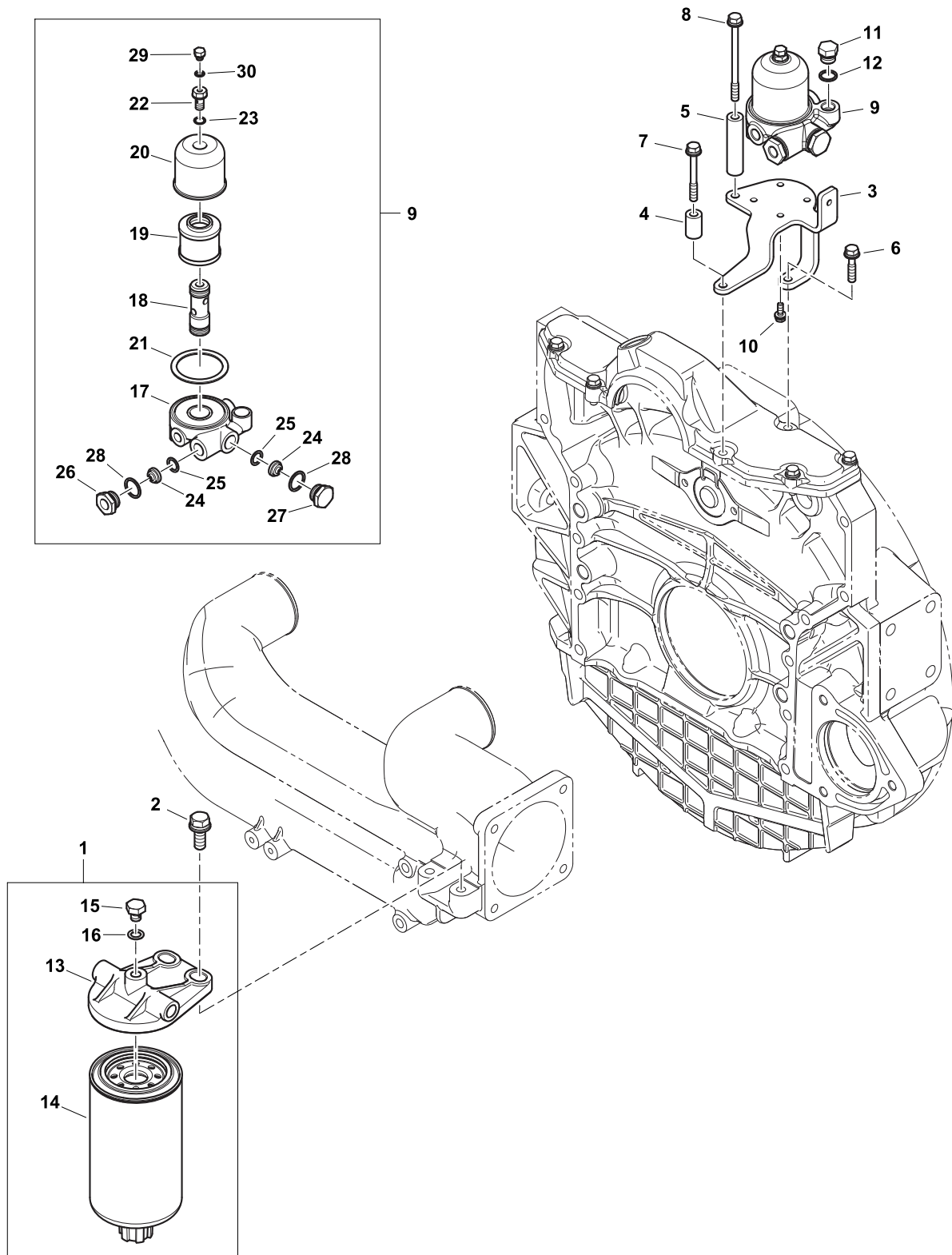
FUEL LINE



FUEL LINE	
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[illegible]

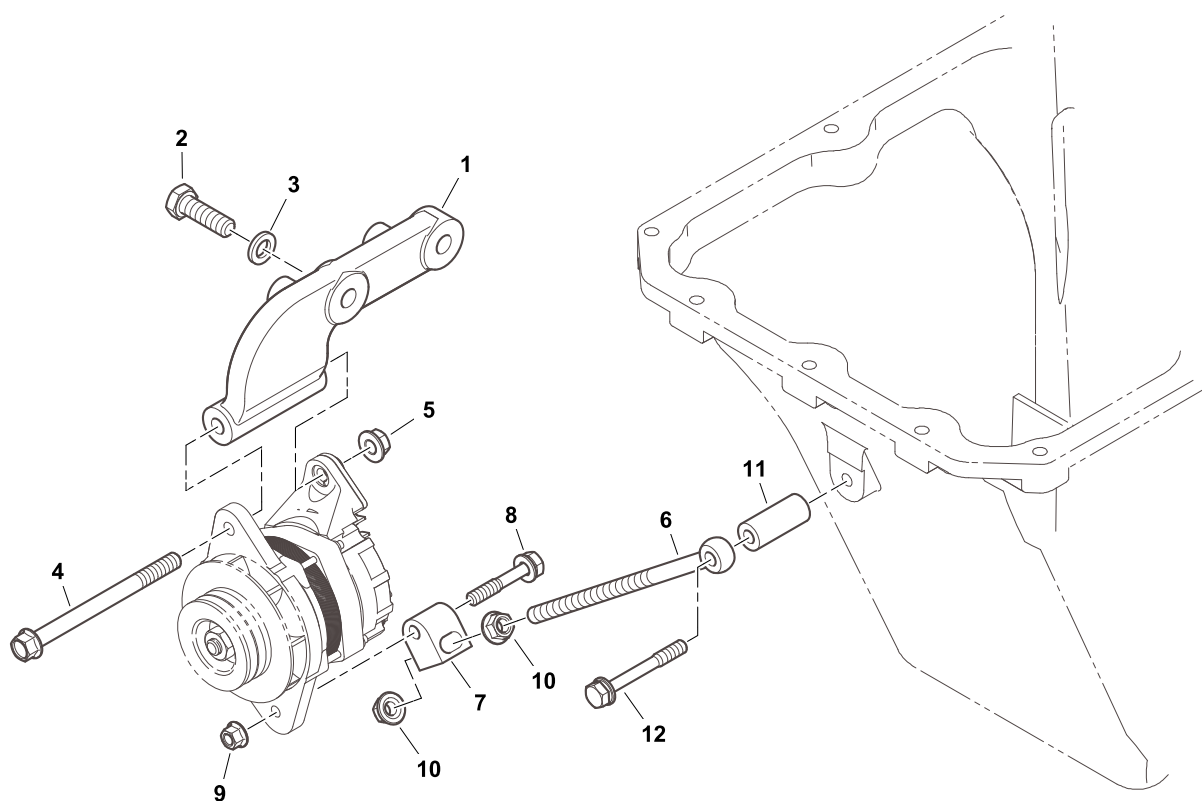
FUEL FILTER



FUEL FILTER

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46684859	FUEL FILTER ASSY	w/Ref. 13–16		1
2	46683842	SCREW			2
3	46686722	BRACKET, FUEL FILTER			1
4	46682949	SPACER			1
5	46687192	SPACER			1
6	46683297	SCREW			1
7	46683301	SCREW			1
8	46683601	SCREW			1
9	NAP	FUEL FILTER ASSY	w/Ref. 17–30		1
10	46683291	SCREW			4
11	46683967	SCREW, PLUG			1
12	46684362	RING, SEAL			1
13	46686718	HEAD, FUEL FILTER			1
14	46686717	ELEMENT, FUEL FILTER			1
15	46687043	SCREW, PLUG			1
16	46684359	RING, SEAL			1
17	NAP	COVER, FUEL FILTER			1
18	46683947	SCREW			1
19	46684921	ELEMENT, FUEL FILTER			1
20	46686714	HOUSING, FILTER			1
21	46686719	PACKING			1
22	46684551	SCRE, STUD			1
23	46687369	O-RING			1
24	46685294	VALVE, CHECK			2
25	46686720	PACKING			2
26	46687537	ADAPTER			1
27	46686947	SCREW, PLUG			1
28	46684365	RING, SEAL			2
29	46687034	SCREW, PLUG			1
30	46684360	RING, SEAL			1

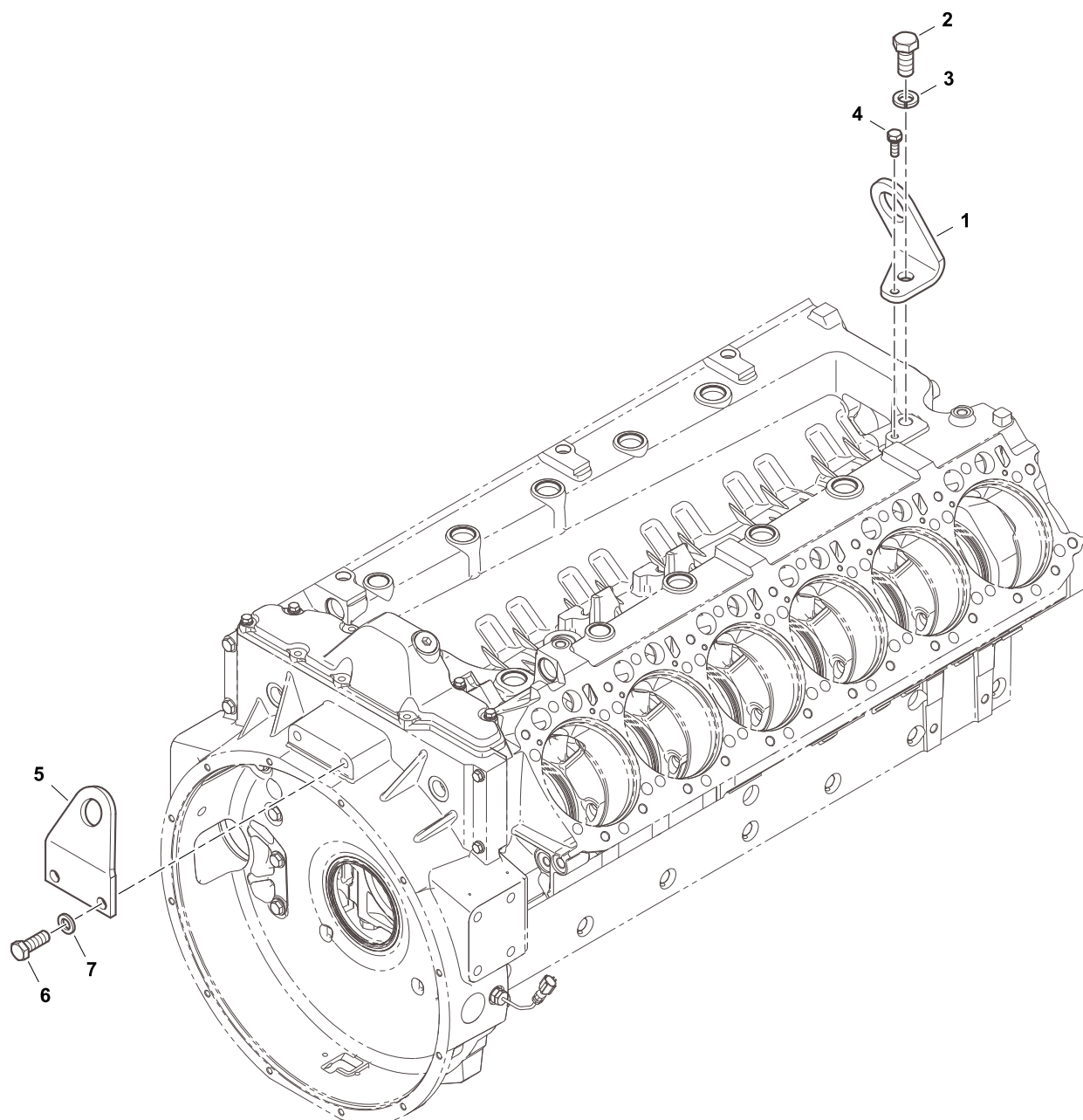
ALTERNATOR MOUNTING



ALTERNATOR MOUNTING

[illegible]

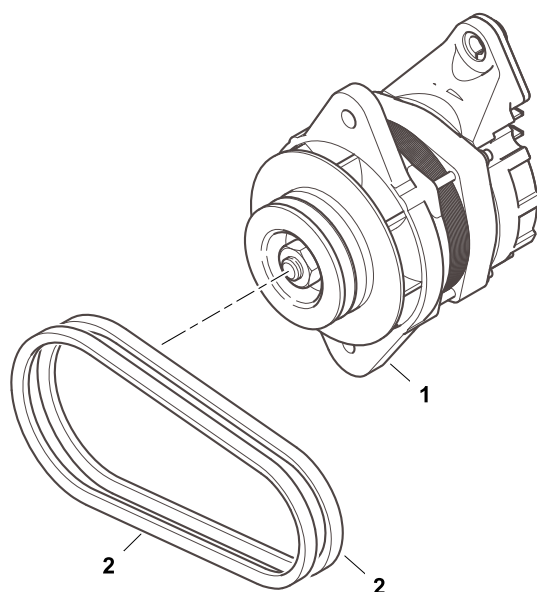
ENGINE LIFTING



ENGINE LIFTING	
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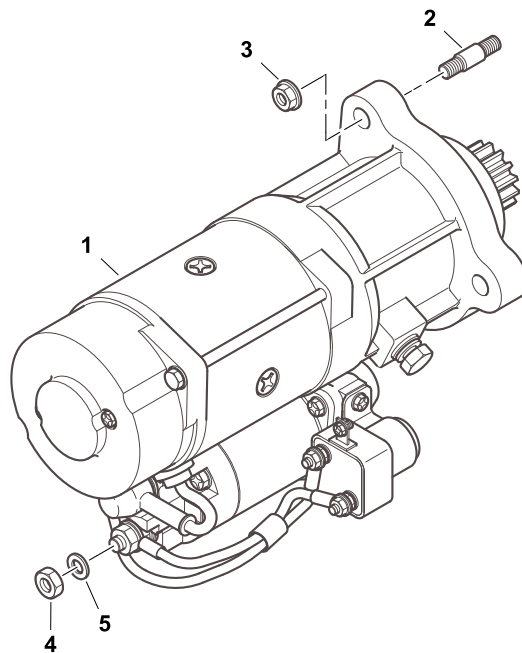
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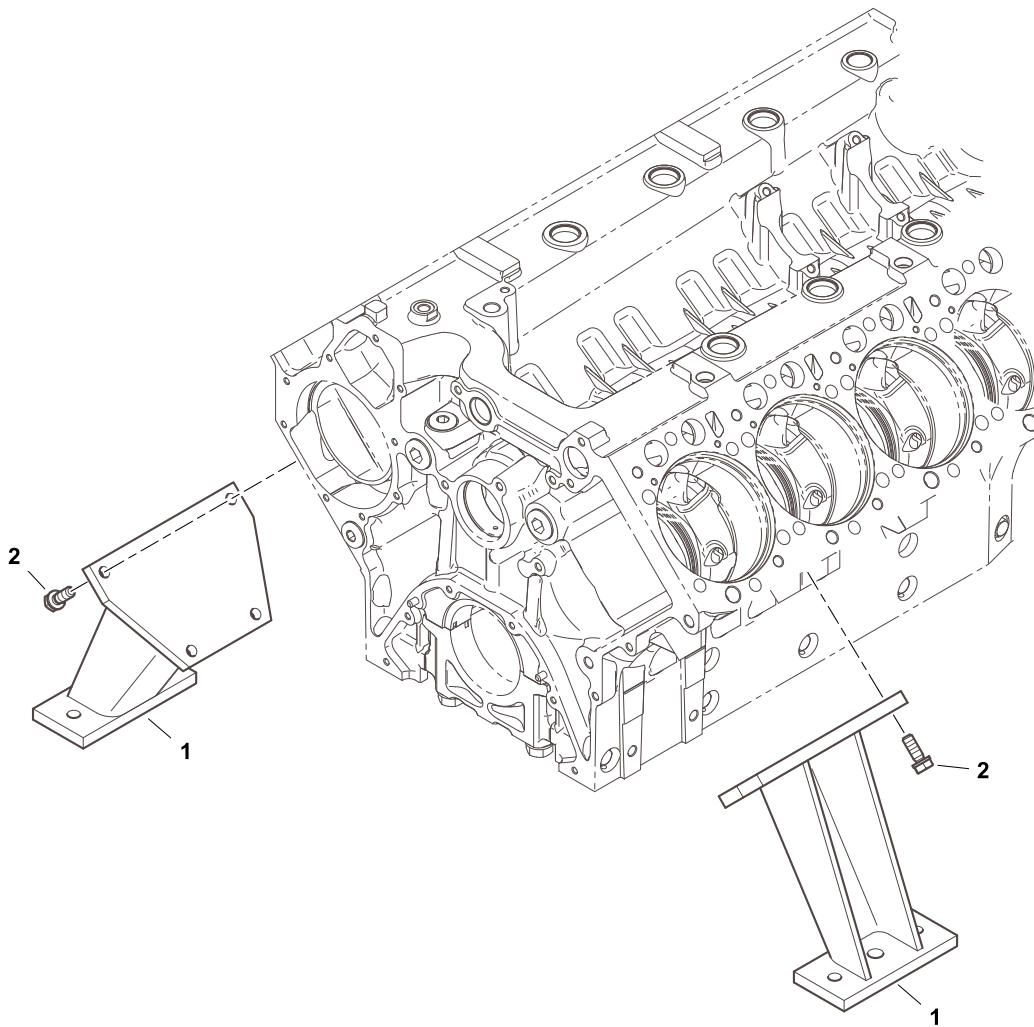
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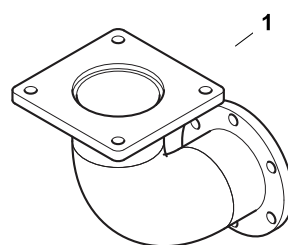
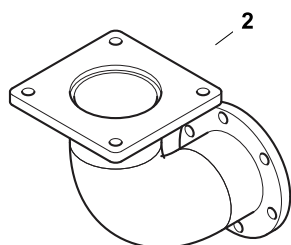
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ENGINE MOUNTING

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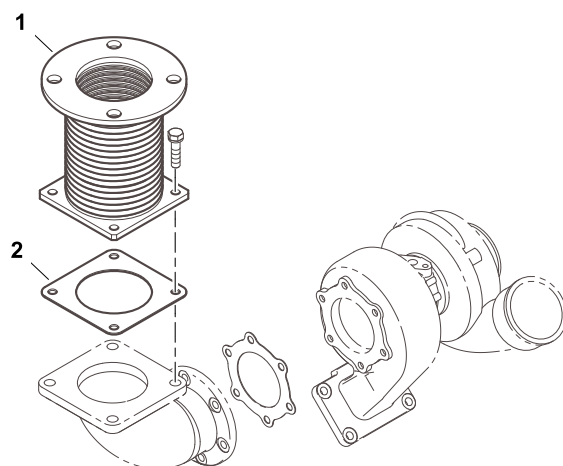
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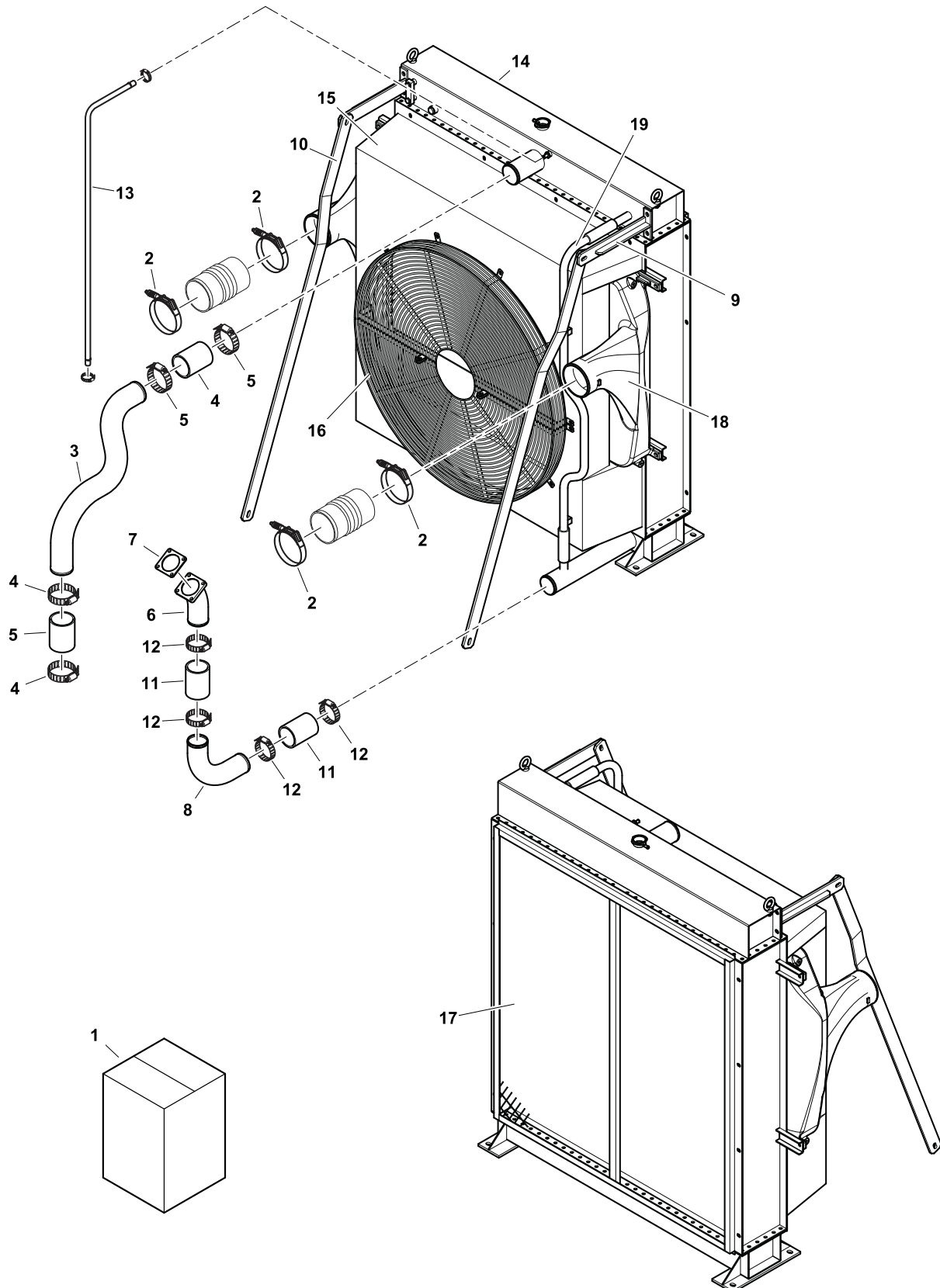
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BELLOWS AND GASKET	
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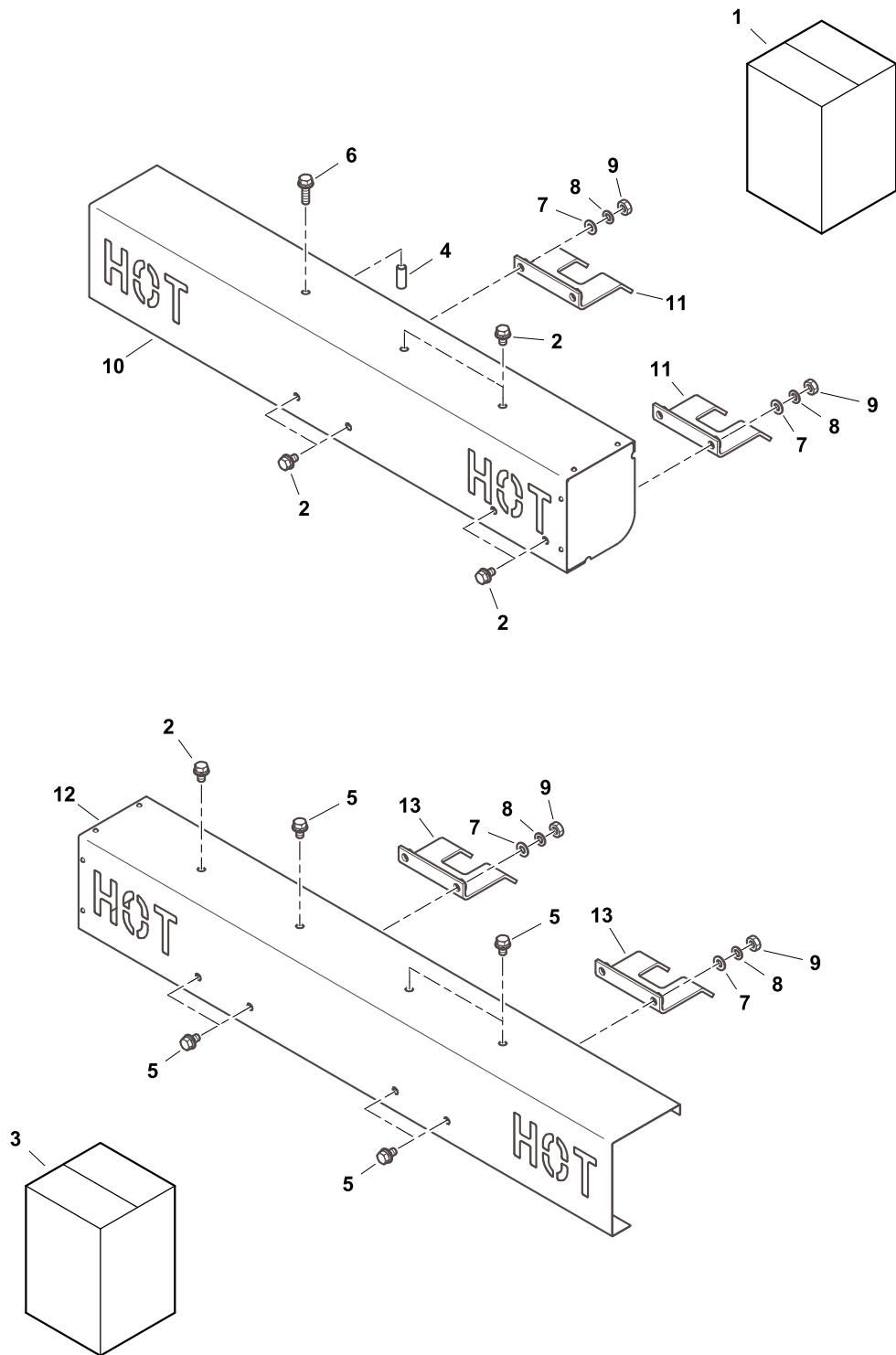
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WATER COOLER	
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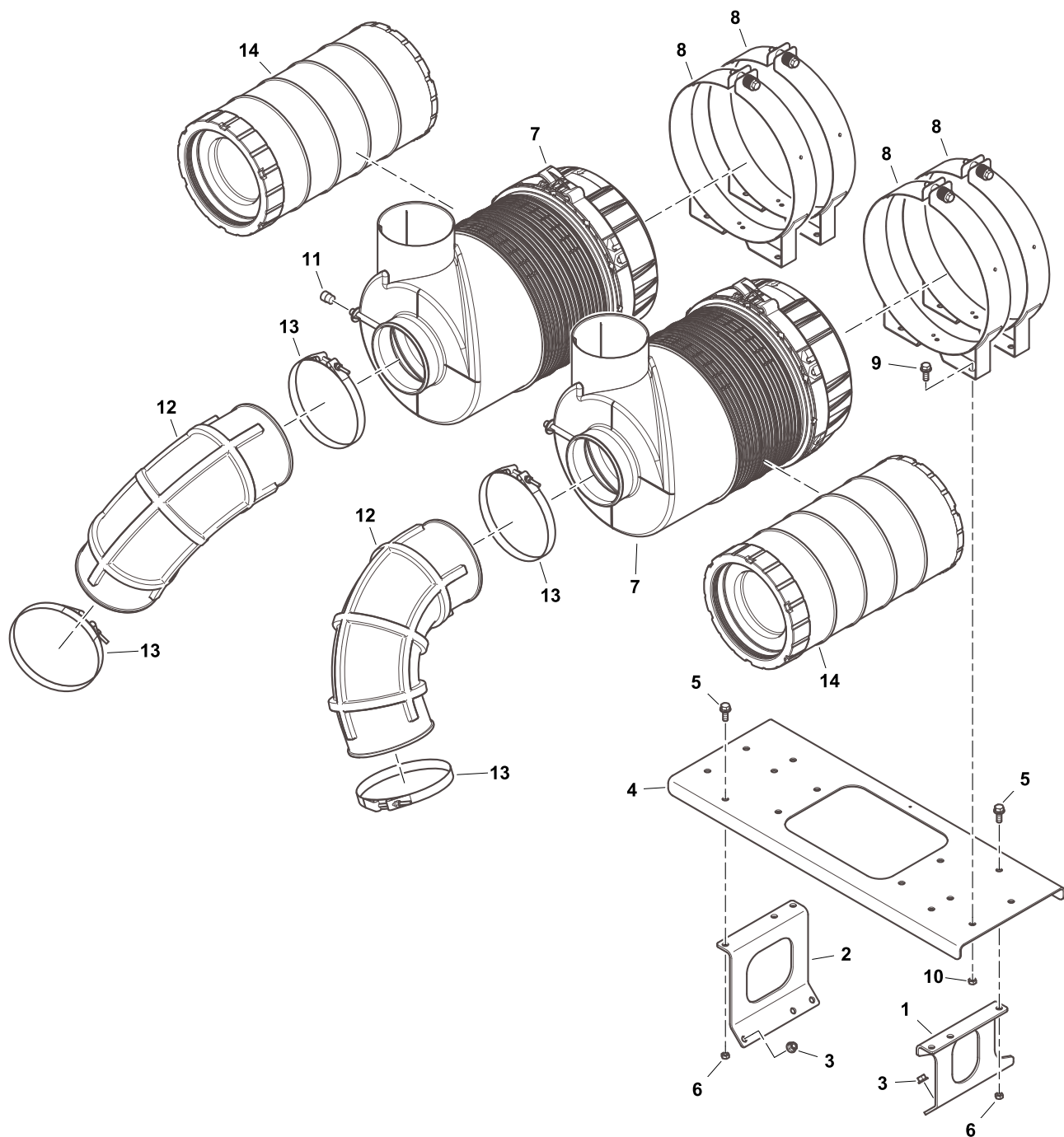
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HEAT SCREEN

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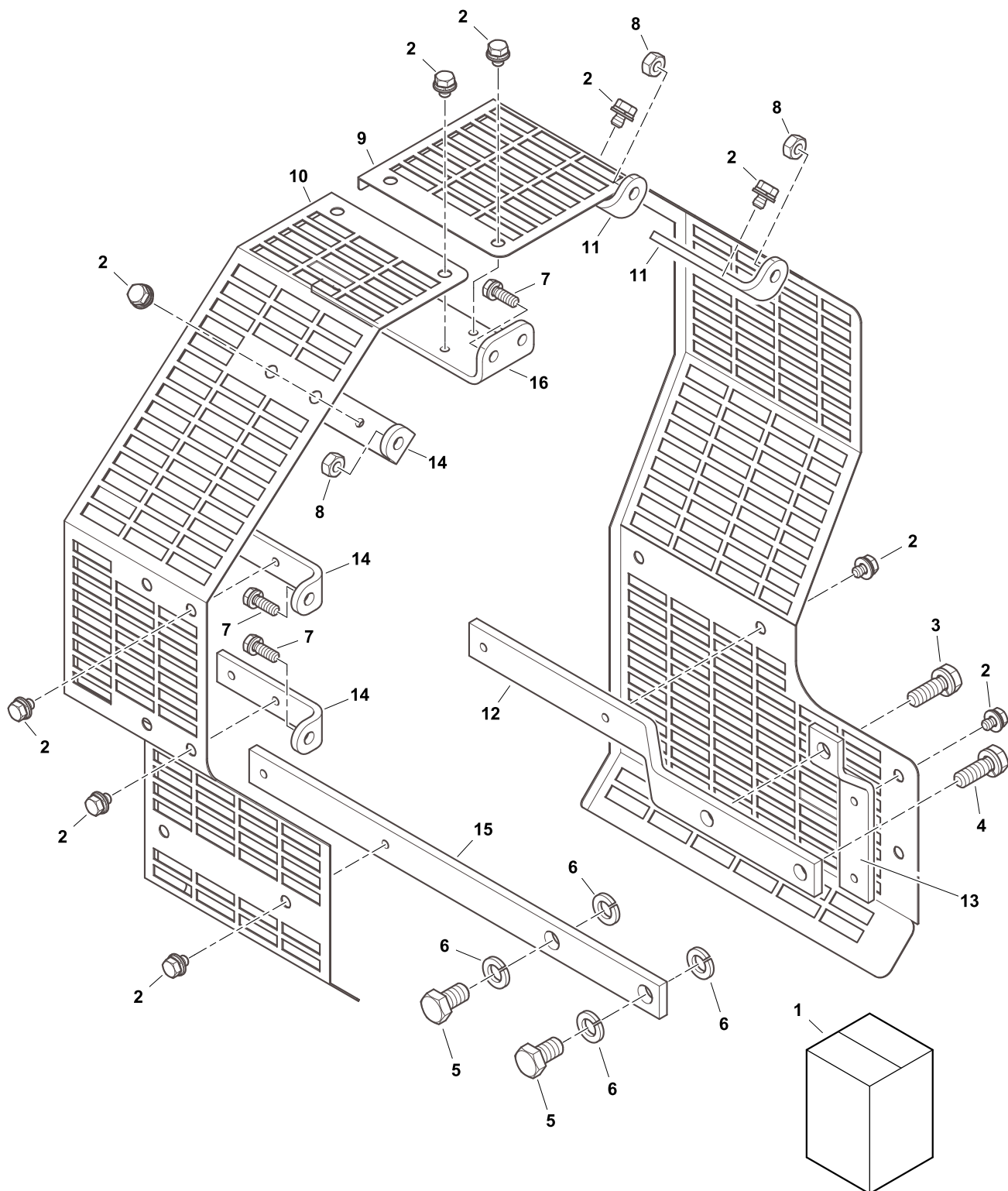
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AIR CLEANER	
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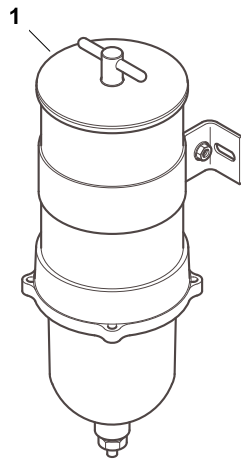
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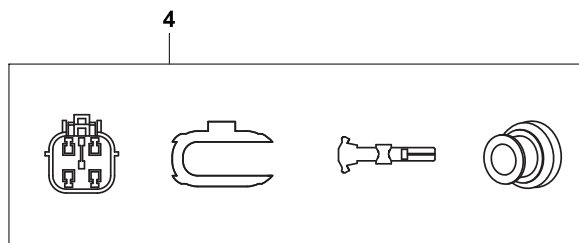
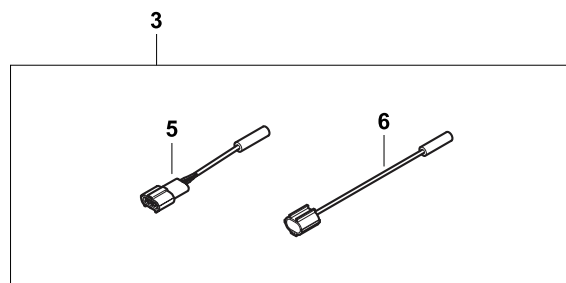
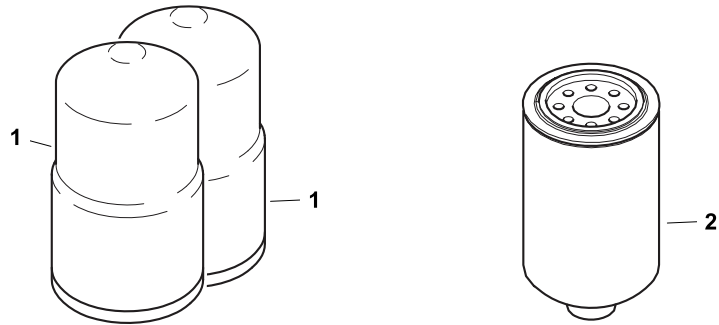
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FUEL FILTER 2	
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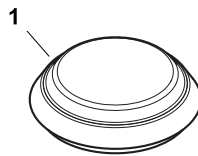
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CAP RAIN	

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