

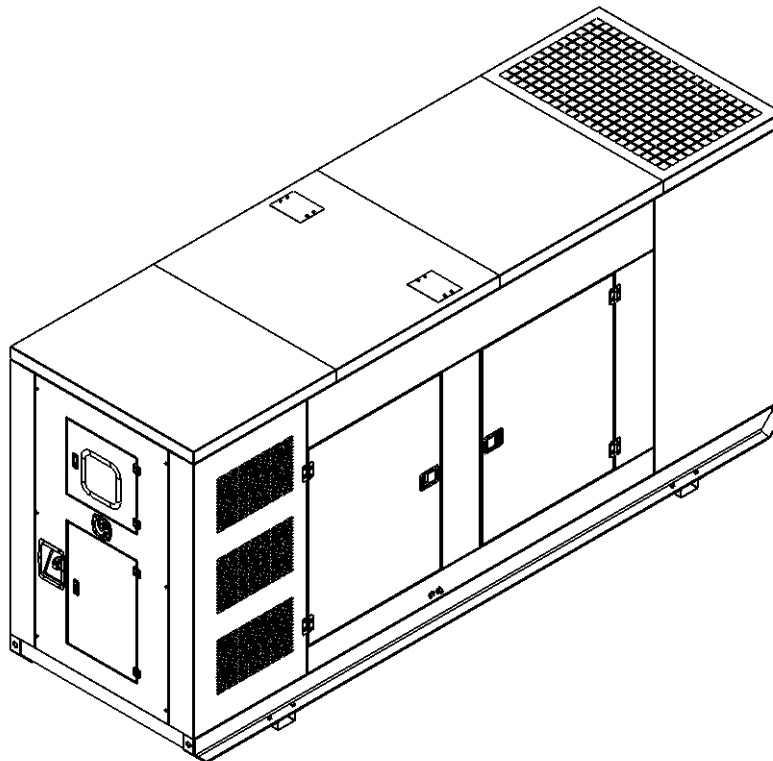


Portable Power

G80XW/XF-50Hz - G100XW/XF-60Hz

PARTS MANUAL

SERIAL No : G80XWNCE50001->, G80XFNCE50001->, G100XWNCE60001->, G100XFNCE60001->





Portable Power

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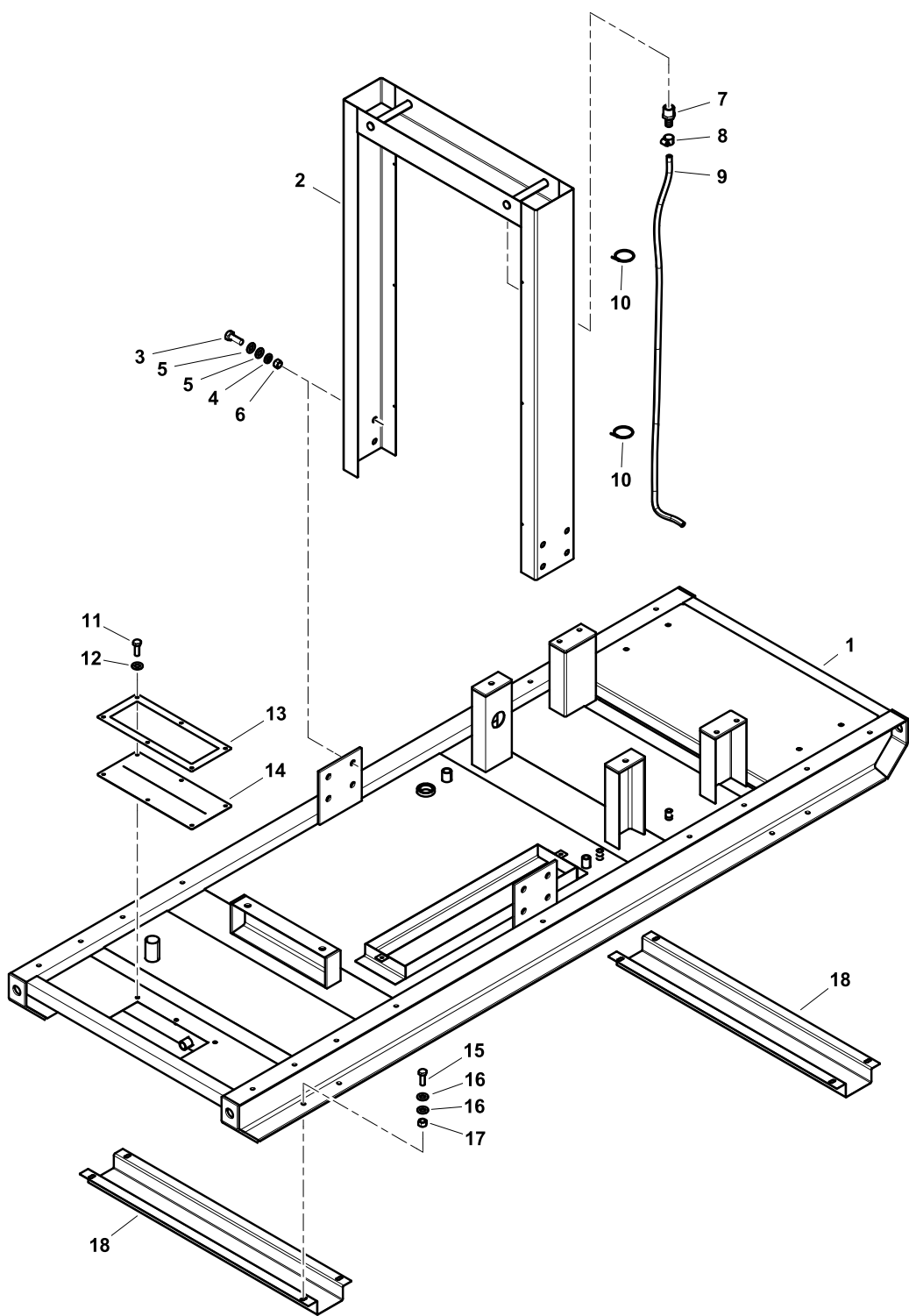
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G80XW/XF-50Hz - G100XW/XF-60Hz_46693275_B_04/17

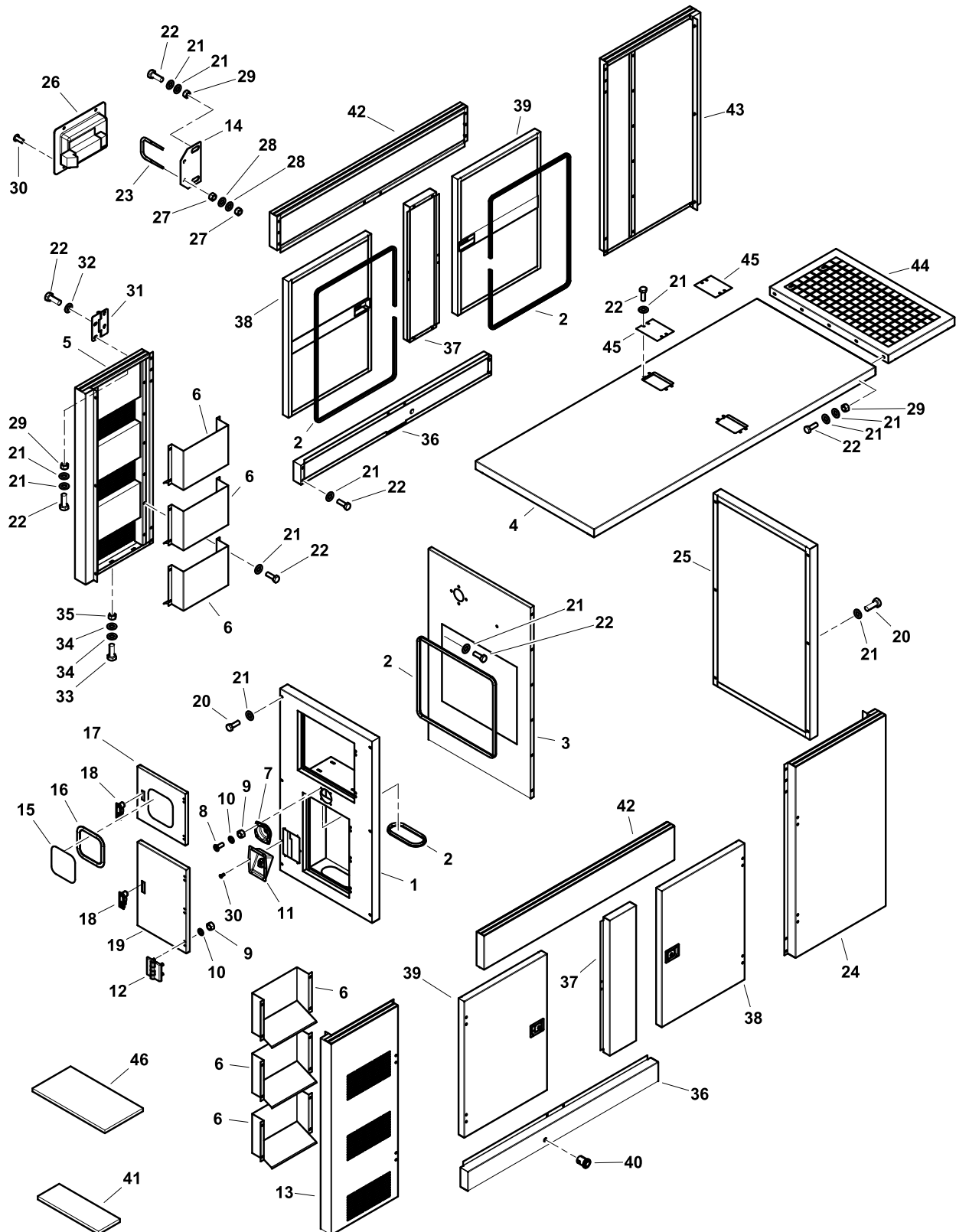
MAIN FRAME



MAIN FRAME

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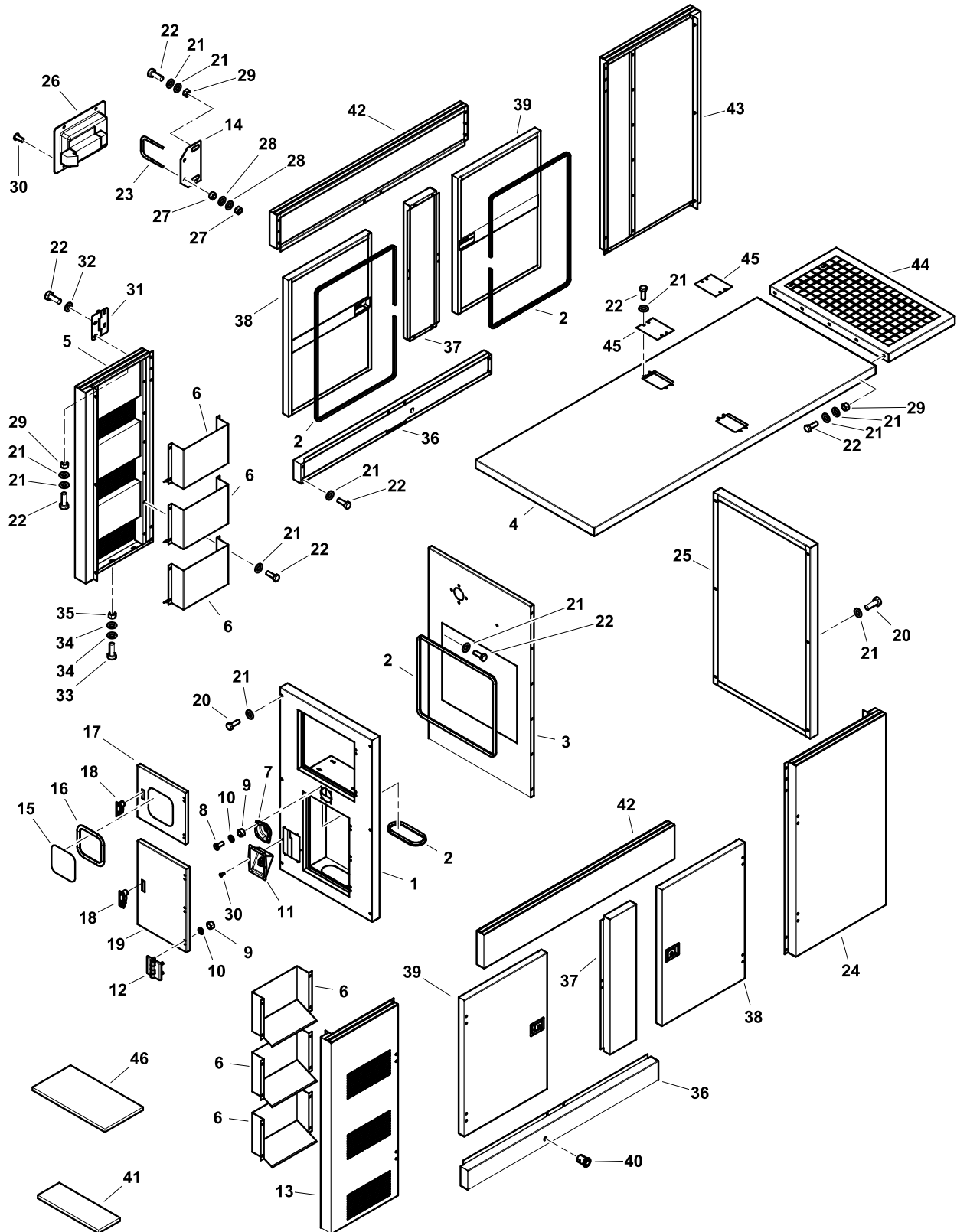
ENCLOSURE



ENCLOSURE

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46678858	PANEL ASSEMBLY			1
1	46678860	PANEL, PAINTED			1
2	36774495	SEAL	16m long		1
3	46678866	PANEL ASSEMBLY			1
4	46678853	PANEL ASSEMBLY			1
4	46678851	PANEL, PAINTED			1
5	46678850	PANEL ASSEMBLY			1
5	46678848	PANEL, PAINTED			1
6	46678869	PANEL, INTAKE POCKET			6
7	46677286	HOUSING, E-STOP			1
8	93500726	SCREW			4
9	96704234	NUT			14
10	96727573	WASHER			14
11	46678197	CAP, FUEL			1
12	46677283	HINGE			5
13	46678986	PANEL, ASSEMBLY			1
13	46678987	PANEL, PAINTED			1
14	46679173	BRACKET			4
15	46678200	PLEXIGLASS, DOOR			1
16	22897342	SEAL	1,2m long		1
17	46679007	DOOR ASSEMBLY	w/Ref. 15, 16, 18		1
17	46679008	DOOR, PAINTED			1
18	46677284	LATCH			2
19	46679005	DOOR ASSEMBLY	w/Ref. 18		1
19	46679006	DOOR, PAINTED			1
20	96721154	SCREW			12
21	92687664	WASHER			150
22	96702824	SCREW			137
23	46679172	U-BOLT			4
24	46678836	PANEL ASSEMBLY			1
24	46678841	PANEL, PAINTED			1

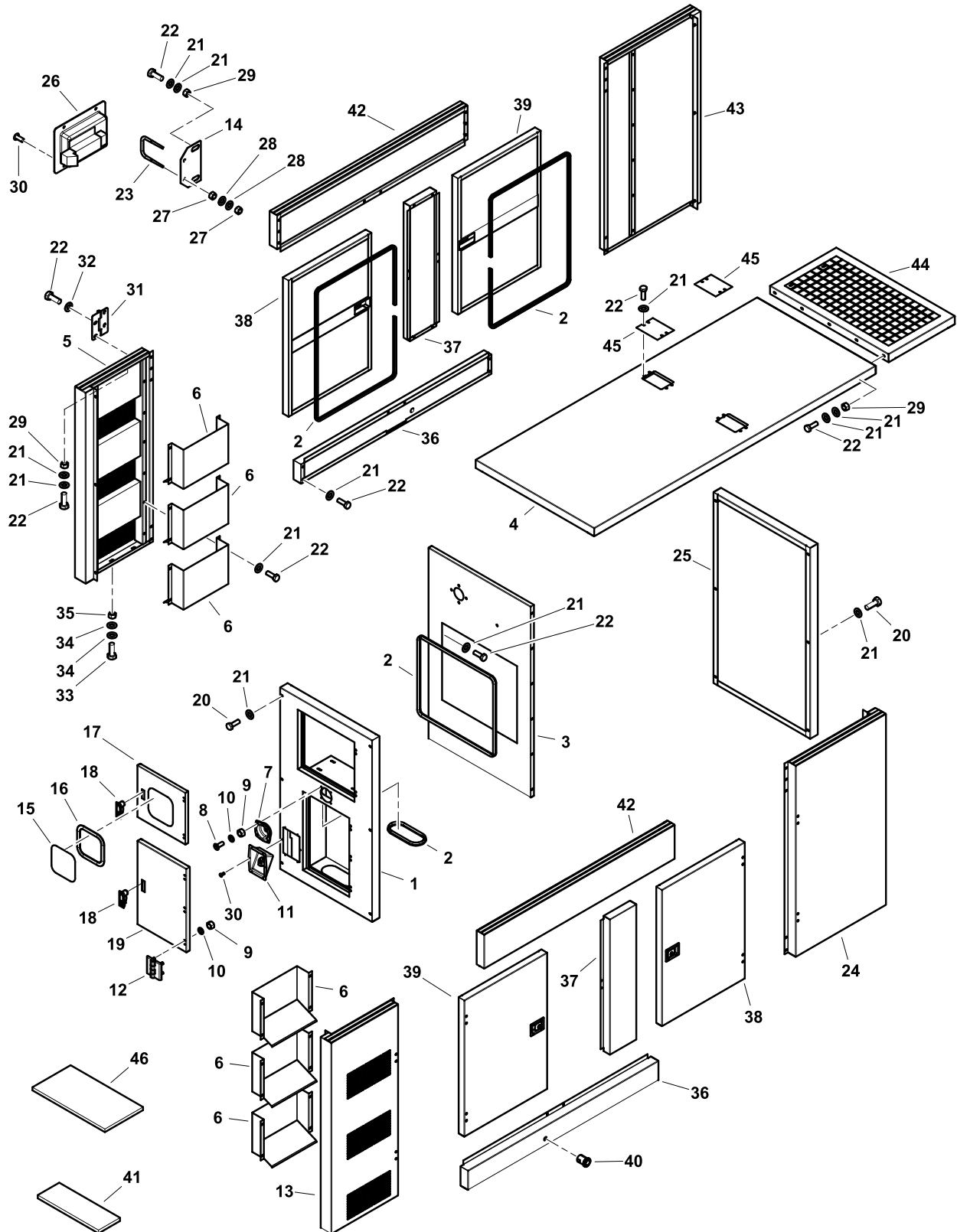
ENCLOSURE



ENCLOSURE

Item	Part Number	Description	Remarks	Serial Number	Qty
25	46678843	PANEL ASSEMBLY			1
25	46678845	PANEL, PAINTED			1
26	46678867	LATCH			4
27	96705132	NUT			16
28	92304583	WASHER			16
29	96701370	NUT			33
30	36843282	RIVET			22
31	46677274	HINGE			8
32	96701396	WASHER			32
33	35271154	SCREW			18
34	92061498	WASHER			36
35	92304526	NUT			18
36	46678831	PANEL ASSEMBLY			2
36	46678832	PANEL, PAINTED			2
37	46678834	PANEL ASSEMBLY			2
37	46678835	PANEL, PAINTED			2
38	46678988	DOOR ASSEMBLY			2
38	46678989	DOOR, PAINTED			2
39	46678852	DOOR ASSEMBLY			2
39	46678857	DOOR, PAINTED			2
40	46678679	GUIDE, HOSE			2
41	46678198	GASKET, STRIP	25 mm x 5 mm		1
42	46678837	PANEL ASSEMBLY			2
42	46678838	PANEL, PAINTED			2
43	46678984	PANEL ASSEMBLY			1
43	46678985	PANEL, PAINTED			1
44	46678868	PANEL ASSEMBLY			1
45	46677285	COVER, TOP-LIFT BAIL			2
46	92949742	FOAM FIELD KIT (with adhesive)	1,9 m x 1.5 m x 25 mm (7' x 5' x 1")		1
46	92949767	FOAM FIELD KIT (with adhesive)	1,9 m x 1.5 m x 50 mm (7' x 5' x 2")		1
46	92949759	FOAM FIELD KIT (with adhesive)	0,95 m x 1.5 m x 25 mm (3' x 5' x 1")		1

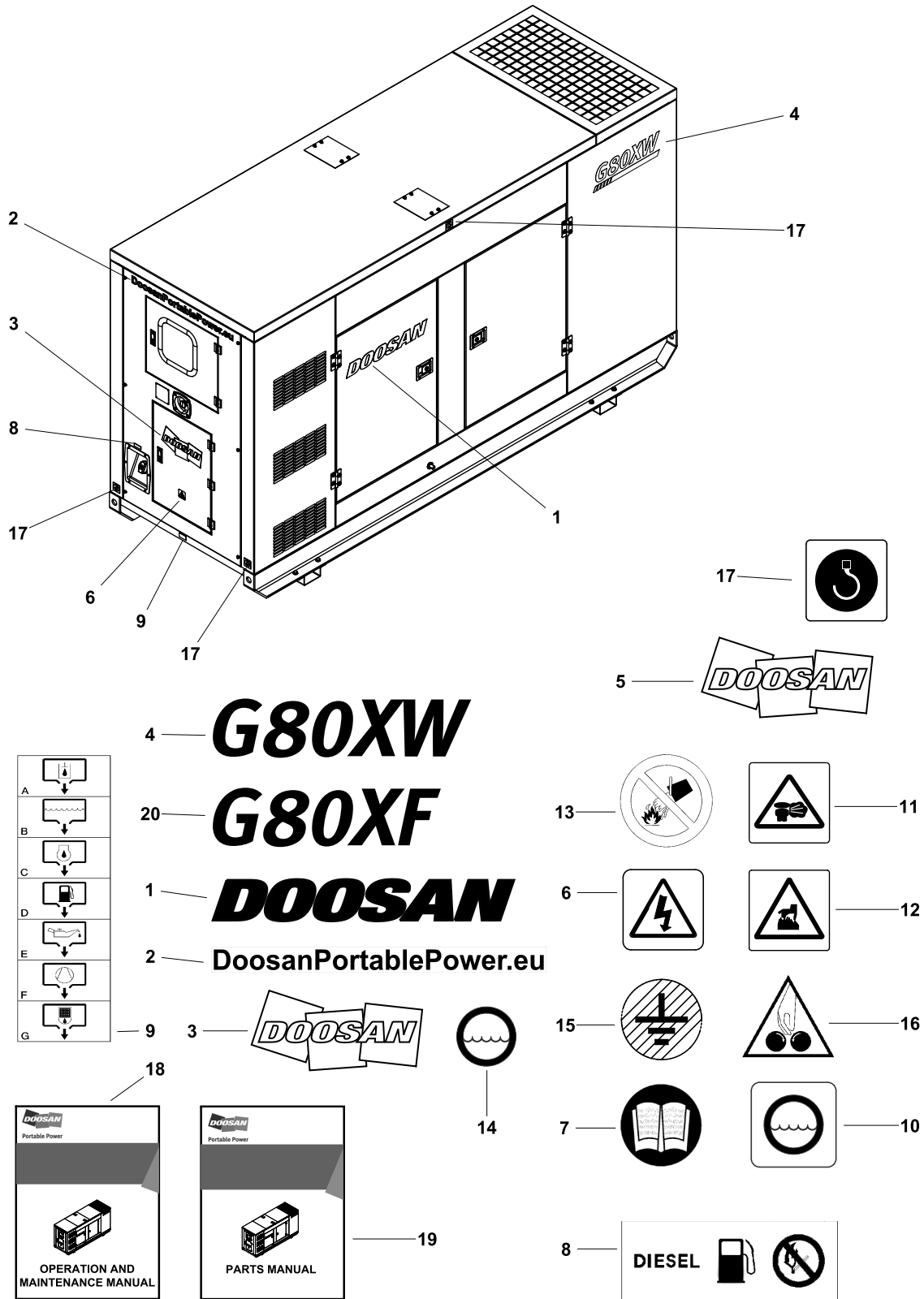
ENCLOSURE



ENCLOSURE

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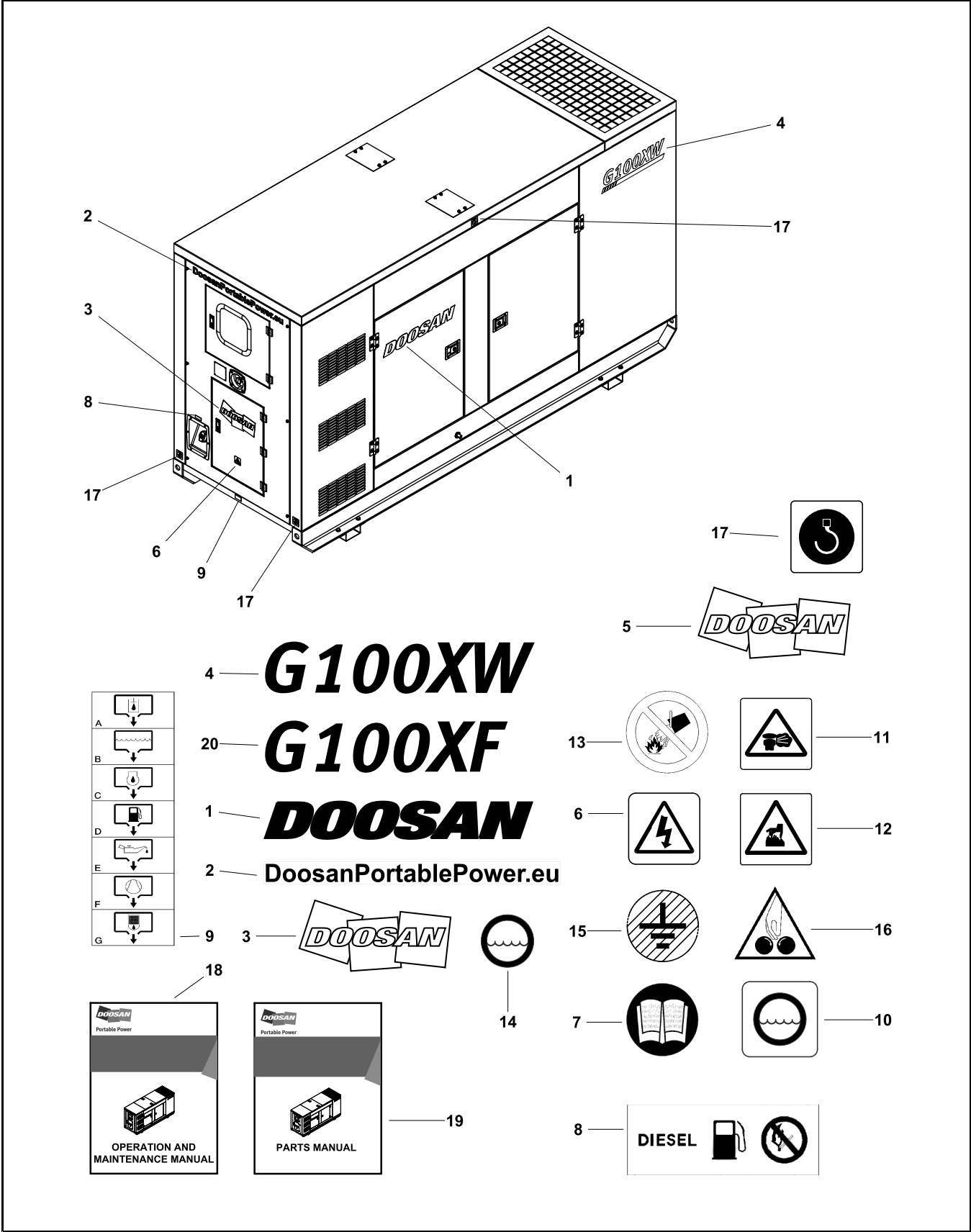
DECALS AND DOCUMENTATION (G80)



DECALS AND DOCUMENTATION (G80)	
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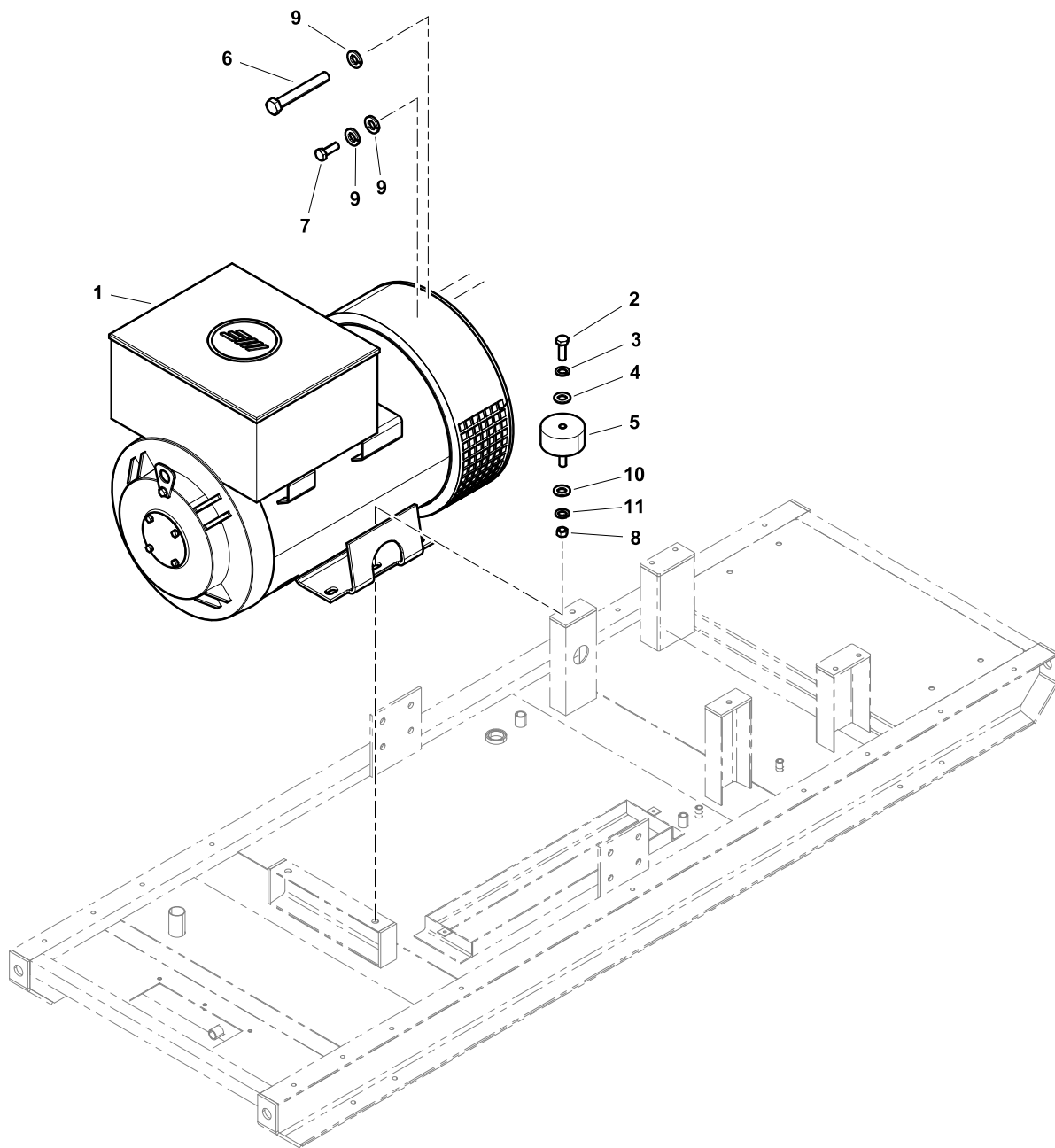
DECALS AND DOCUMENTATION (G100)



DECALS AND DOCUMENTATION
(G100)

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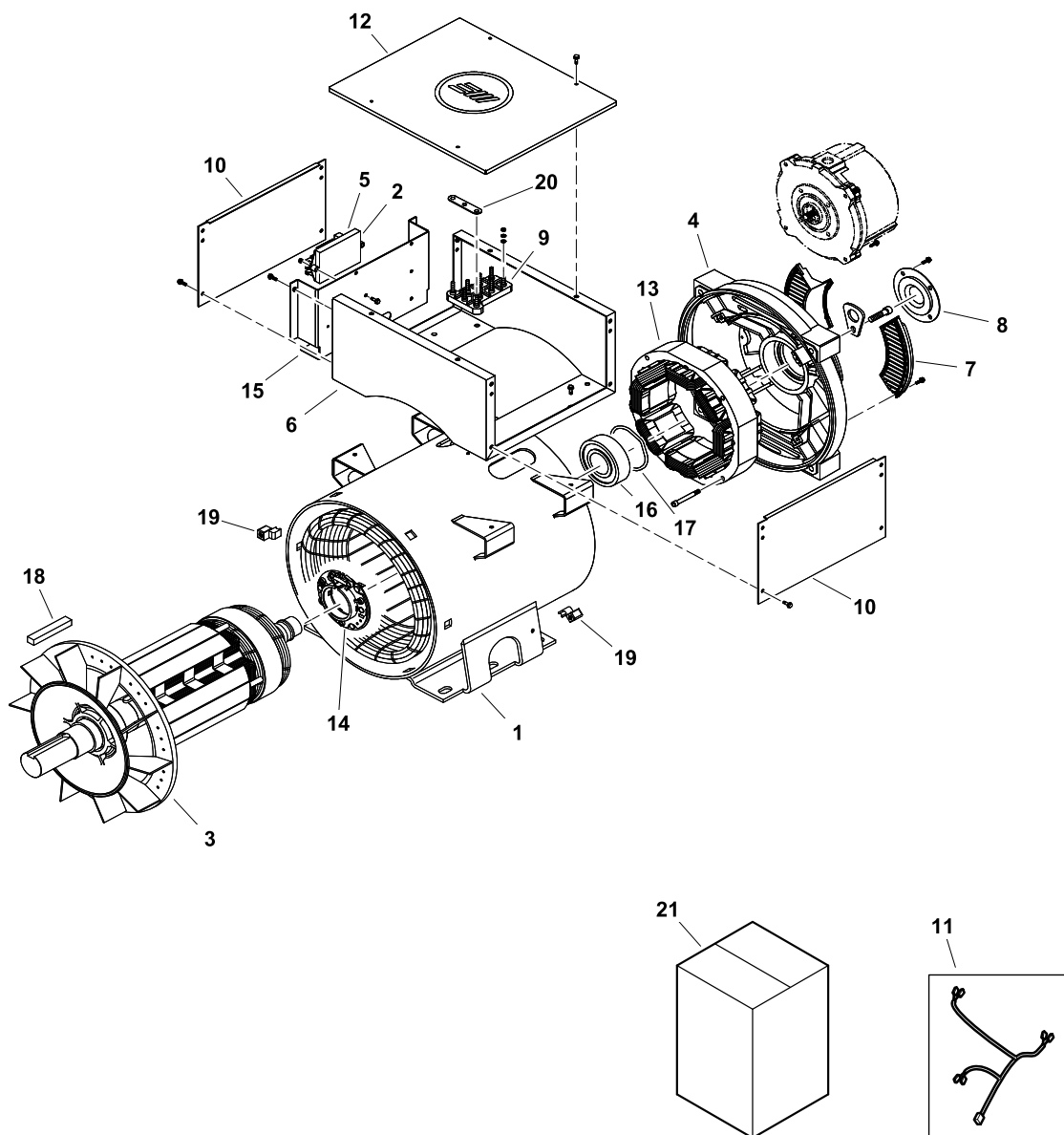
ALTERNATOR MOUNTING



ALTERNATOR MOUNTING

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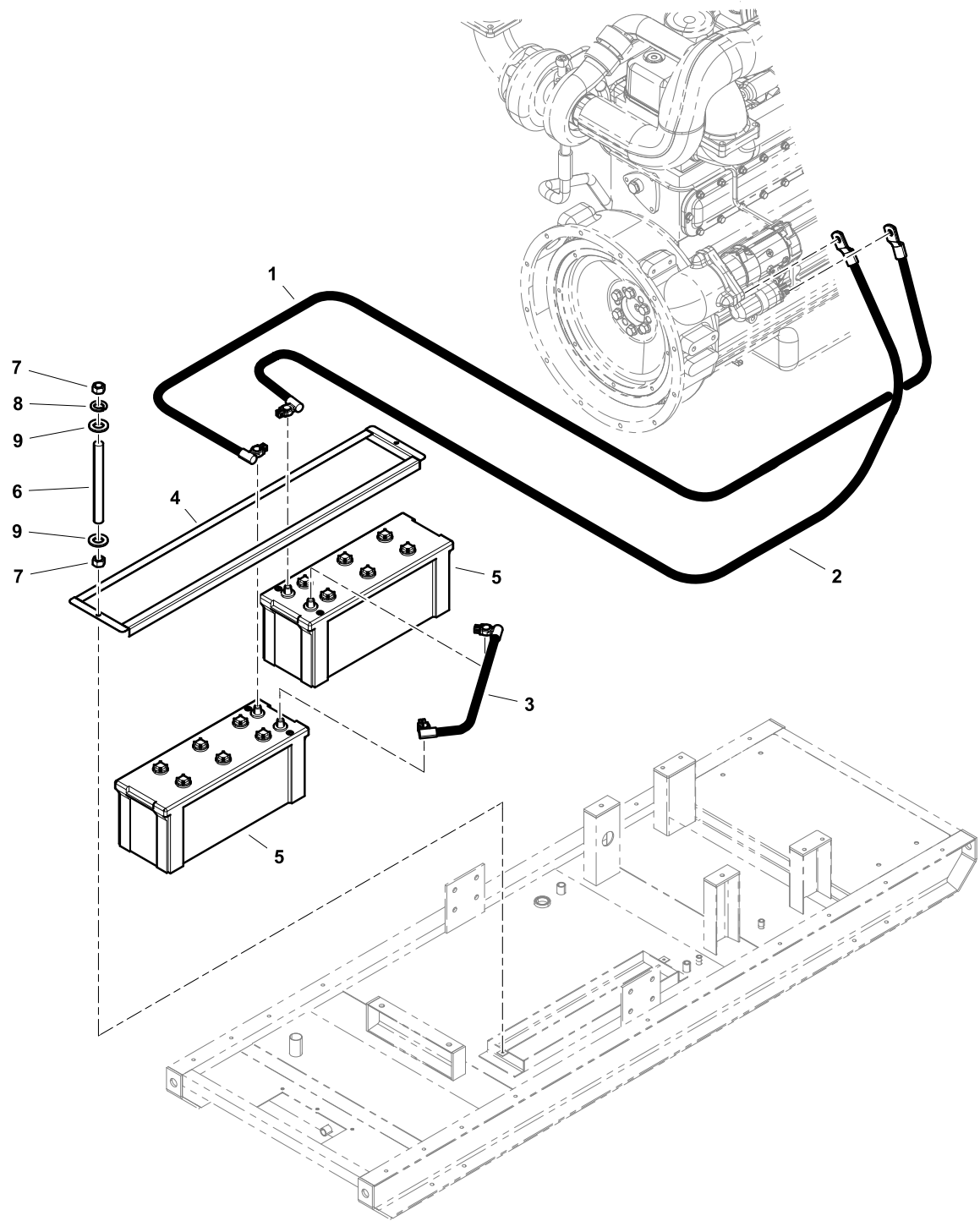
ALTERNATOR PARTS



ALTERNATOR PARTS	
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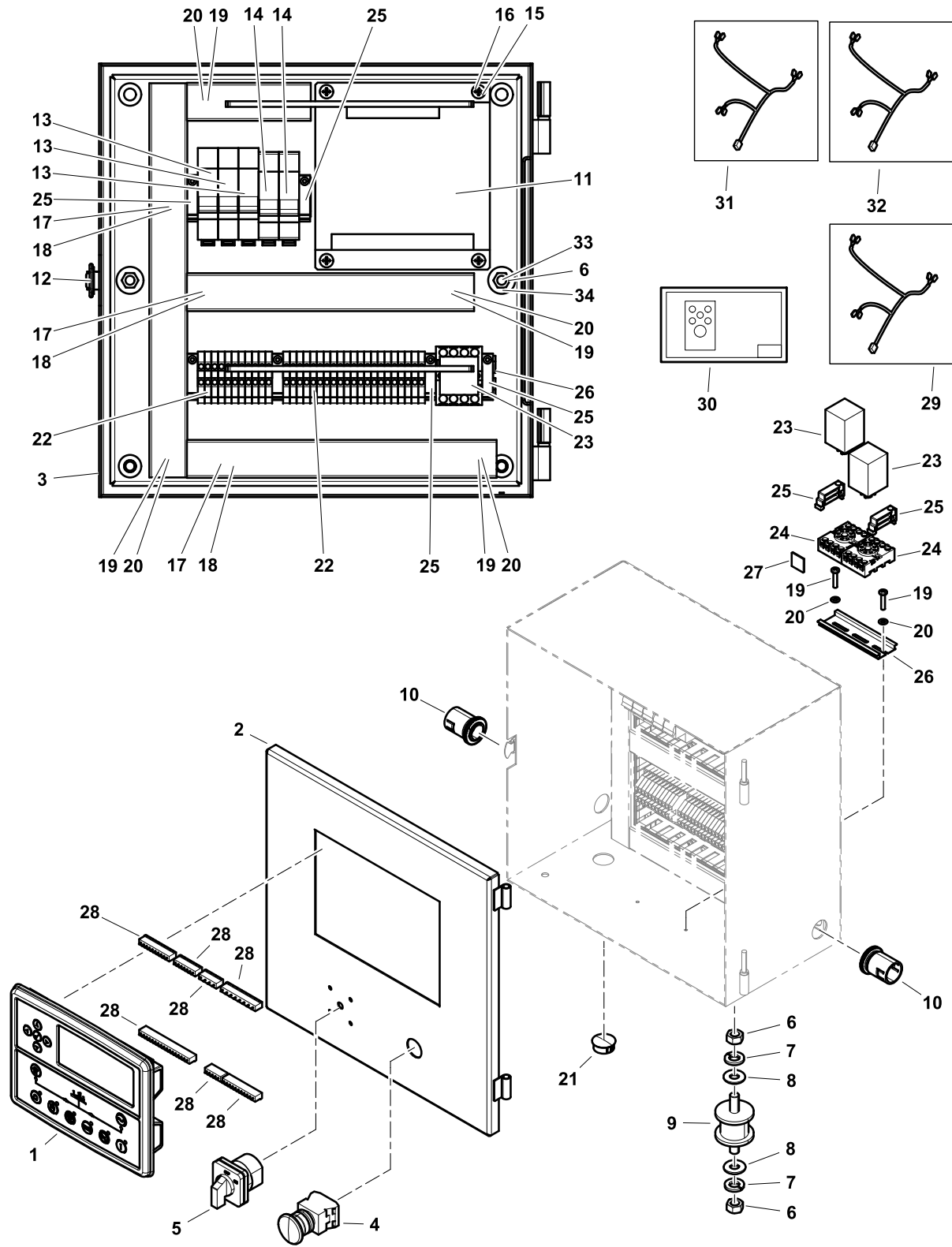
BATTERY



BATTERY	
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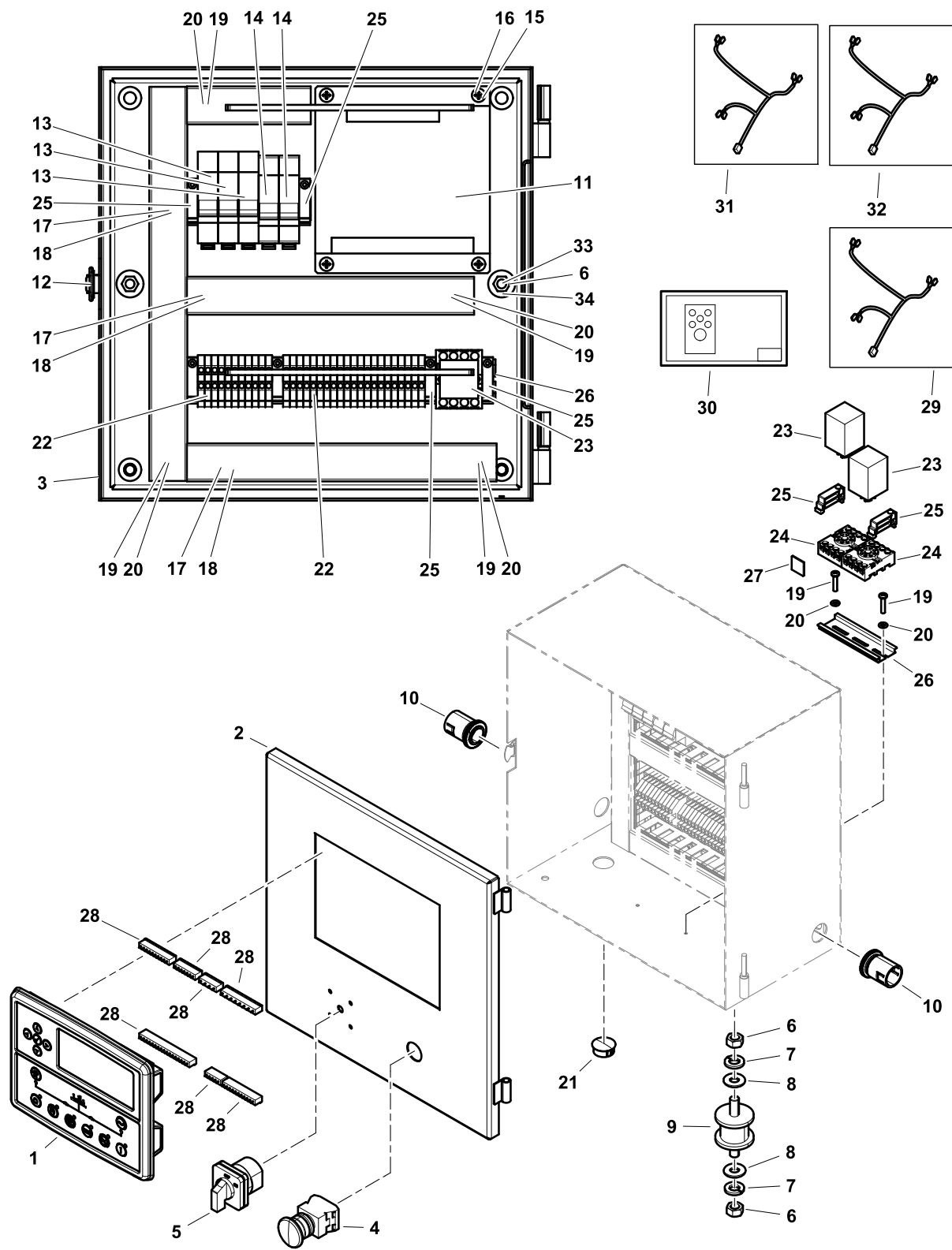
CONTROL PANEL



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	46684842	CONTROLLER, GOVERNOR	G80XW/XF		1
11	46684841	CONTROLLER, GOVERNOR	G100XW/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	46678623	HARNESS, CONTROL PANEL			1
30	46693273	ELECTRICAL SCHEMATICS			1

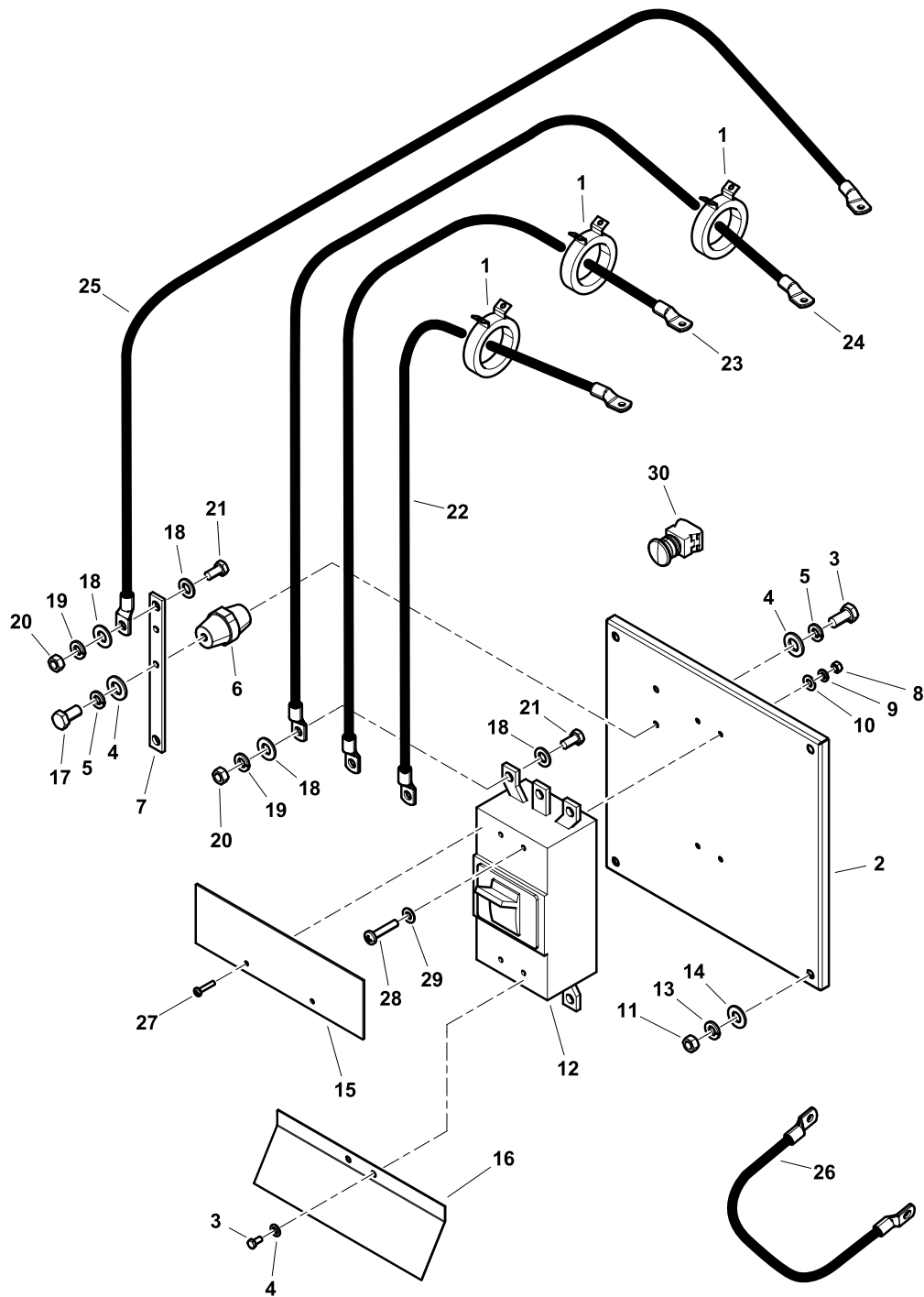
CONTROL PANEL



CONTROL PANEL

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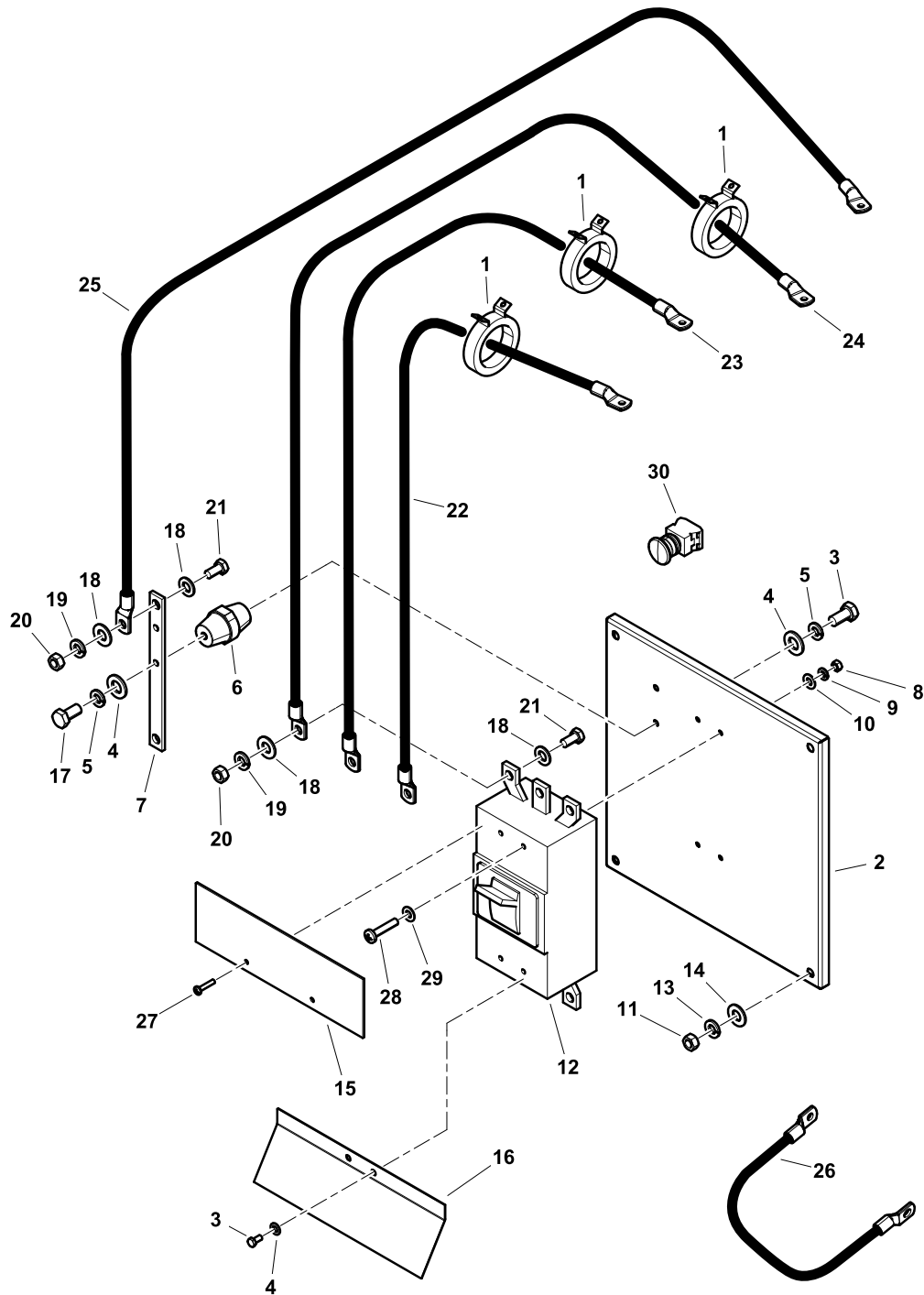
POWER PEDESTAL ASSEMBLY



POWER PEDESTAL ASSEMBLY

Item	Part Number	Description	Remarks	Serial Number	Qty
1	46693266	CURRENT TRANSFORMER			3
2	46693268	PANEL, CIRCUIT BREAKER			1
3	96705041	SCREW			4
4	96701396	WASHER			6
5	96753926	WASHER			4
6	46679914	ISOLATOR, BUS BAR			2
7	46679915	HOLDER, ISOLATOR			1
8	96704234	NUT			4
9	96727573	WASHER			4
10	96704663	WASHER			4
11	92304526	NUT			4
12	46693269	CIRCUIT, BREAKER	w/Ref. 28, 29		1
13	96753918	WASHER			4
14	92061498	WASHER			4
15	46680039	COVER			1
16	46680040	COVER			1
17	96702816	SCREW			2
18	96738596	WASHER			8
19	96739933	WASHER			4
20	96704291	NUT			4
21	96702444	SCREW			4
22	46693265	CABLE, RED PHASE	XW, L1 - 1035mm		1
22	46693306	CABLE, RED PHASE	XF, L1 - 335mm		1
23	46693272	CABLE, YELLOW PHASE	XW, L2 - 1035mm		1
23	46693311	CABLE, YELLOW PHASE	XF, L2 - 335mm		1
24	46693267	CABLE, BLUE PHASE	XW, L3 - 1055mm		1
24	46693321	CABLE, BLUE PHASE	XF, L3 - 335mm		1
25	46693274	CABLE, BLACK NEUTRAL	XW, N - 1055mm		1
25	46693317	CABLE, BLACK NEUTRAL	XF, N - 295mm		1
26	46679954	CABLE, GROUND			1
27	46668475	SCREW			2

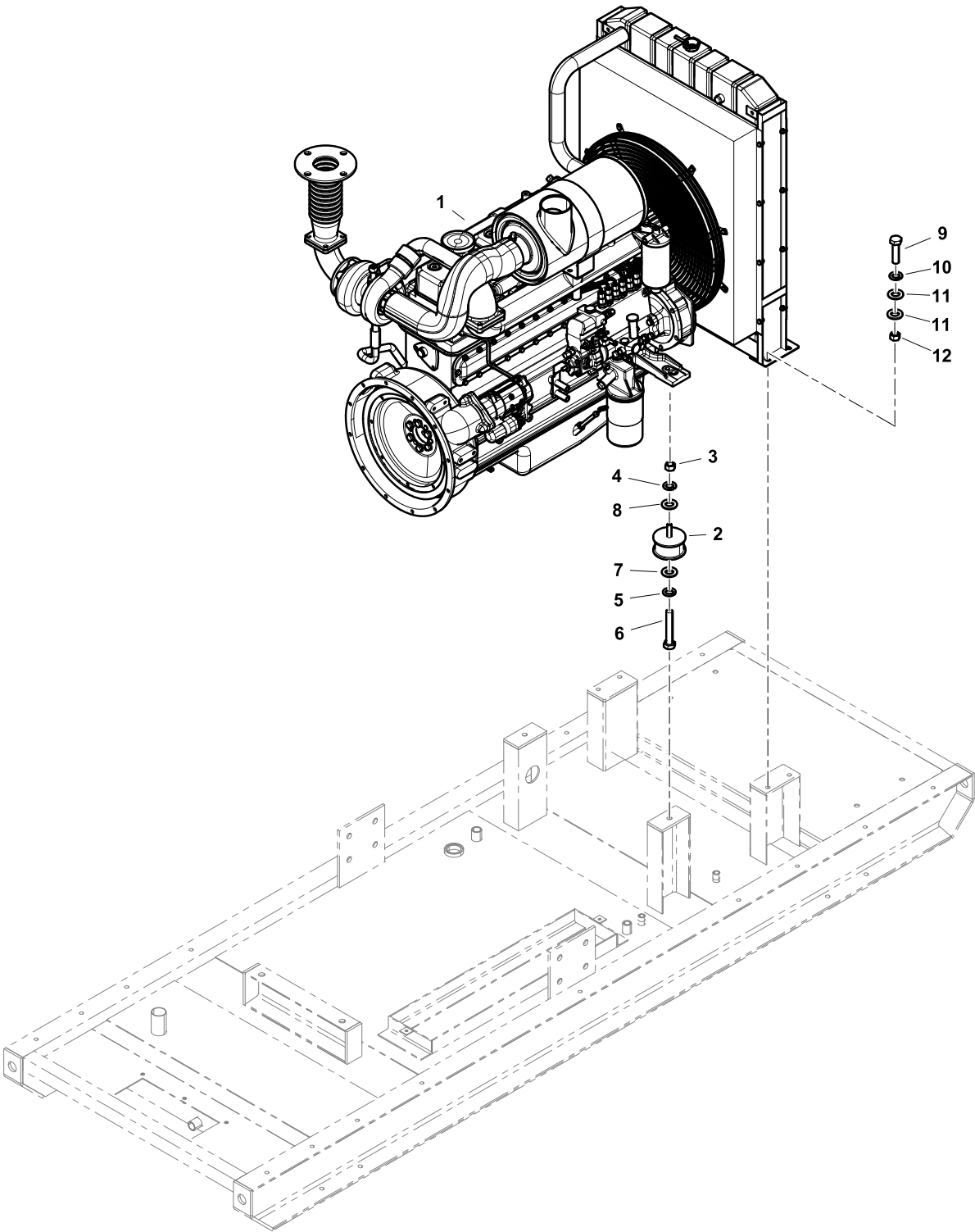
POWER PEDESTAL ASSEMBLY



POWER PEDESTAL ASSEMBLY

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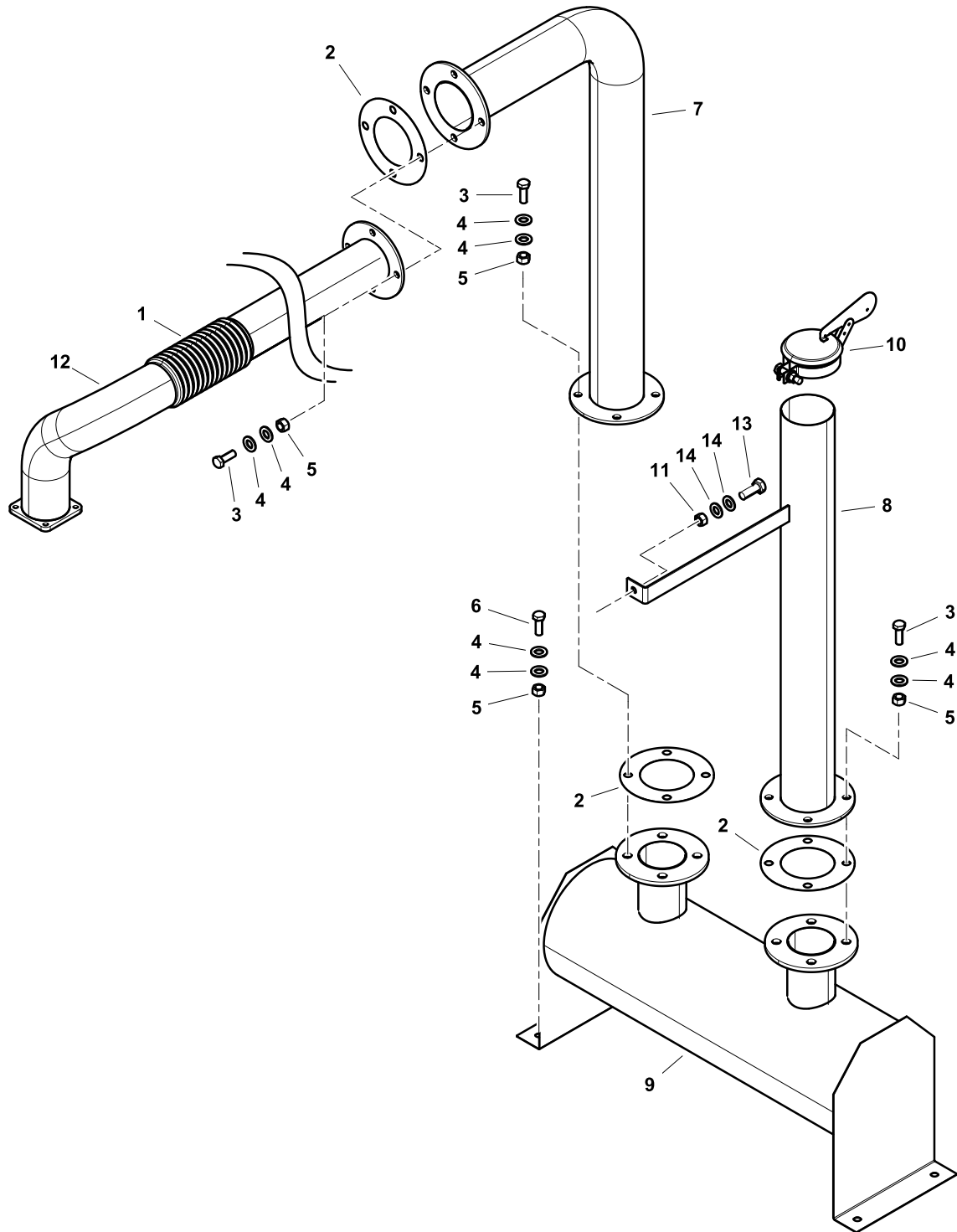
ENGINE ASSEMBLY



ENGINE ASSEMBLY

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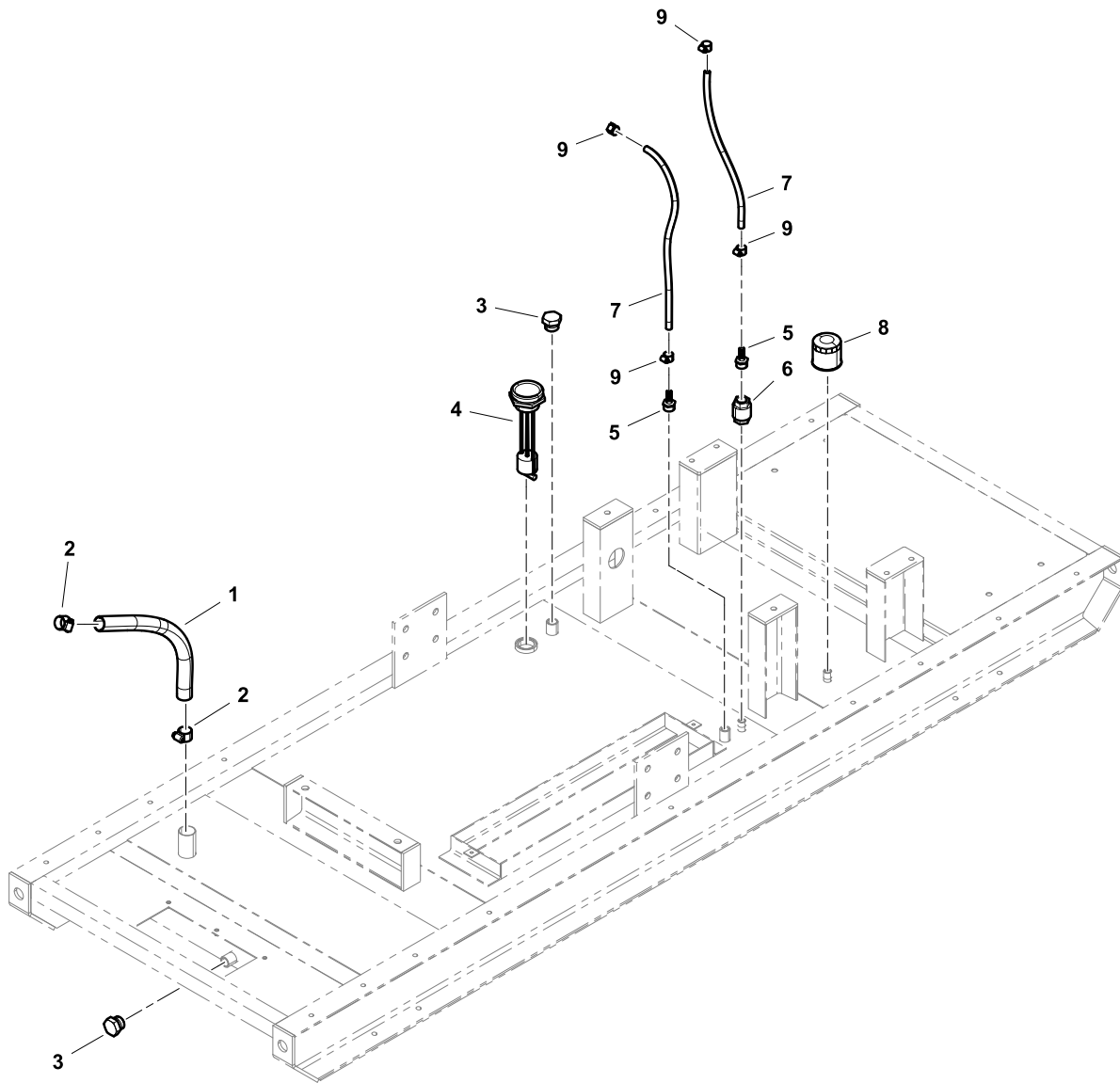
EXHAUST SYSTEM



EXHAUST SYSTEM	
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FUEL SYSTEM



FUEL SYSTEM	
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CYLINDER BLOCK

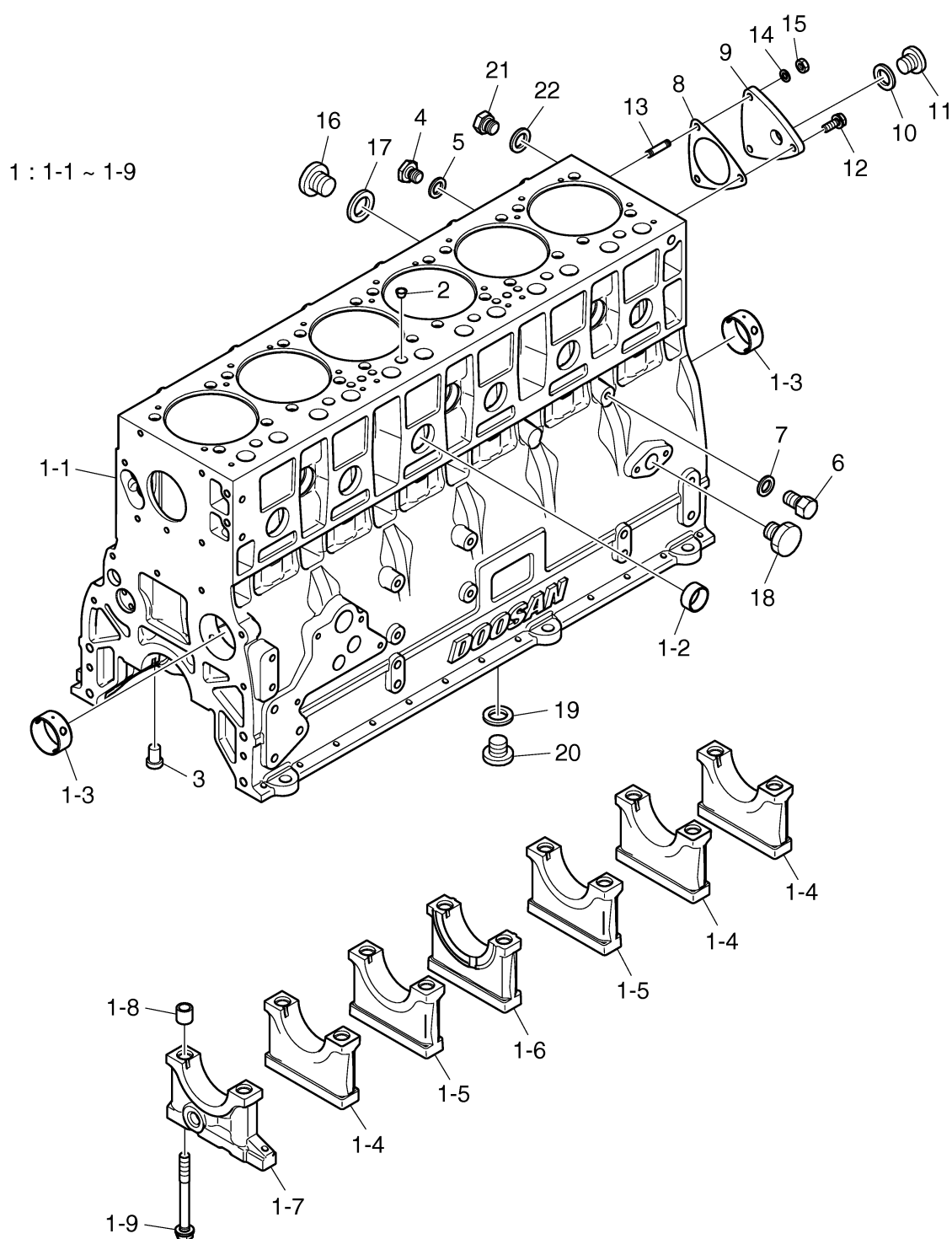
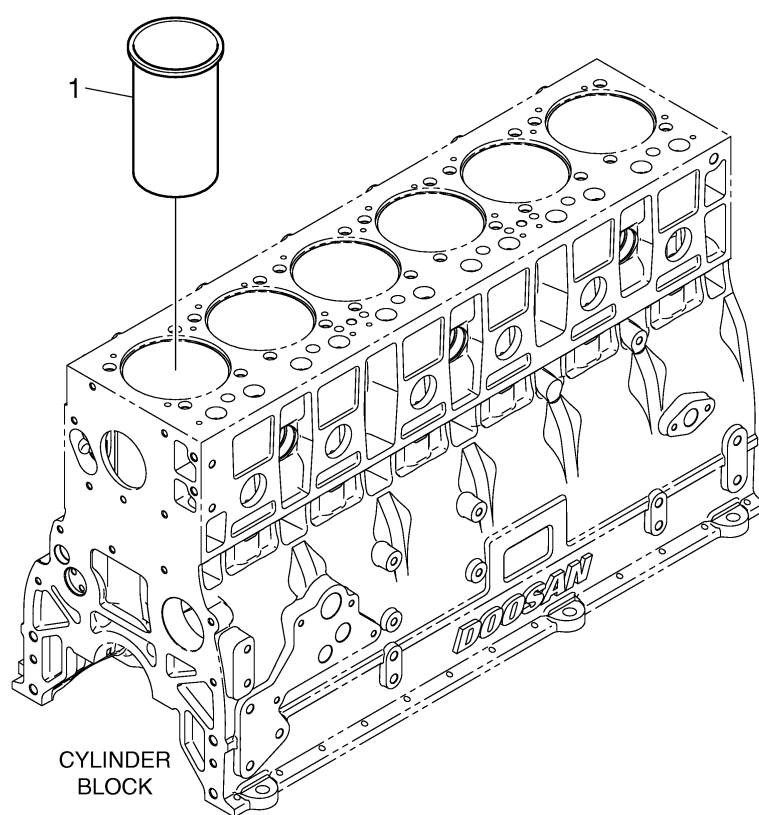


Fig.B011 CYLINDER BLOCK

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46684719	Y	CYLINDER BLOCK ASS'Y	1		~ 20140305
1	NAP		BLOCK ASSY,CYLINDER	1		20140306 ~
1-1	46685168		BLOCK;CYLINDER(T/C)	1	NS	
1-2	46687100		PLUG;CORE	9		
1-3	46685734		BUSH;CAM SHAFT	4	B	
1-4	NAP		BEARING;CAP NO.1.2.6	3	NS	~ 20140305
1-4	NAP		CAP,BEARING;CYL,BODY TO BRG,CAP	3	NS	20140306 ~
1-5	NAP		BEARING;CAP NO.3.5	2	NS	~ 20140305
1-5	NAP		CAP,BEARING;CYL,BODY TO BRG,CAP	2	NS	20140306 ~
1-6	NAP		CAP BEARING;THRUST	1	NS	~ 20140305
1-6	NAP		CAP,BEARING;CYL,BODY TO BRG,CAP	1	NS	20140306 ~
1-7	46685179		CAP,BEARING	1	NS	~ 20140305
1-7	NAP		CAP,BEARING	1	NS	20140306 ~
1-8	46687211		RING;LOCATING	14		
1-9	46686890		BOLT;BEARING CAP	14		
2	46687085		PIN;CORE	2		
3	46686935		PLUG;CORE	1		~ 20140320
3	NAP		PLUG;CYL,BODY TO BRG,CAP	1		20140321 ~
4	46686944		SCREW;PLUG M10X1.5	6		
5	46682747		RING;SEAL	6		
6	46687028		SCREW;PLUG M12X1.5X20	1		
7	46682748		RING;SEAL	1		
8	46687387		GASKET;END COVER	1		
9	46687099		COVER;CORE HOLE	1		
10	46682751		RING;SEAL	1		
11	46683970		SCREW;PLUG M18X1.5	1		
12	46682047		BOLT ASS'Y M8X22	2		
13	46683957		BOLT;STUD M8X20	1		
14	46682729		WASHER	1		
15	46682374		NUT	1		
16	46687030		SCREW,PLUG;CYL BLOCK	1		
17	46682750		SEAL;RING	1		
18	46687037		SCREW;PLUG	1		
19	46682935		PLUG;SCREW	6		
20	NAP		SEAL RING	6		
21	46683969		SCREW;PLUG M12X1.5	1		
22	46682748		RING;SEAL	1		

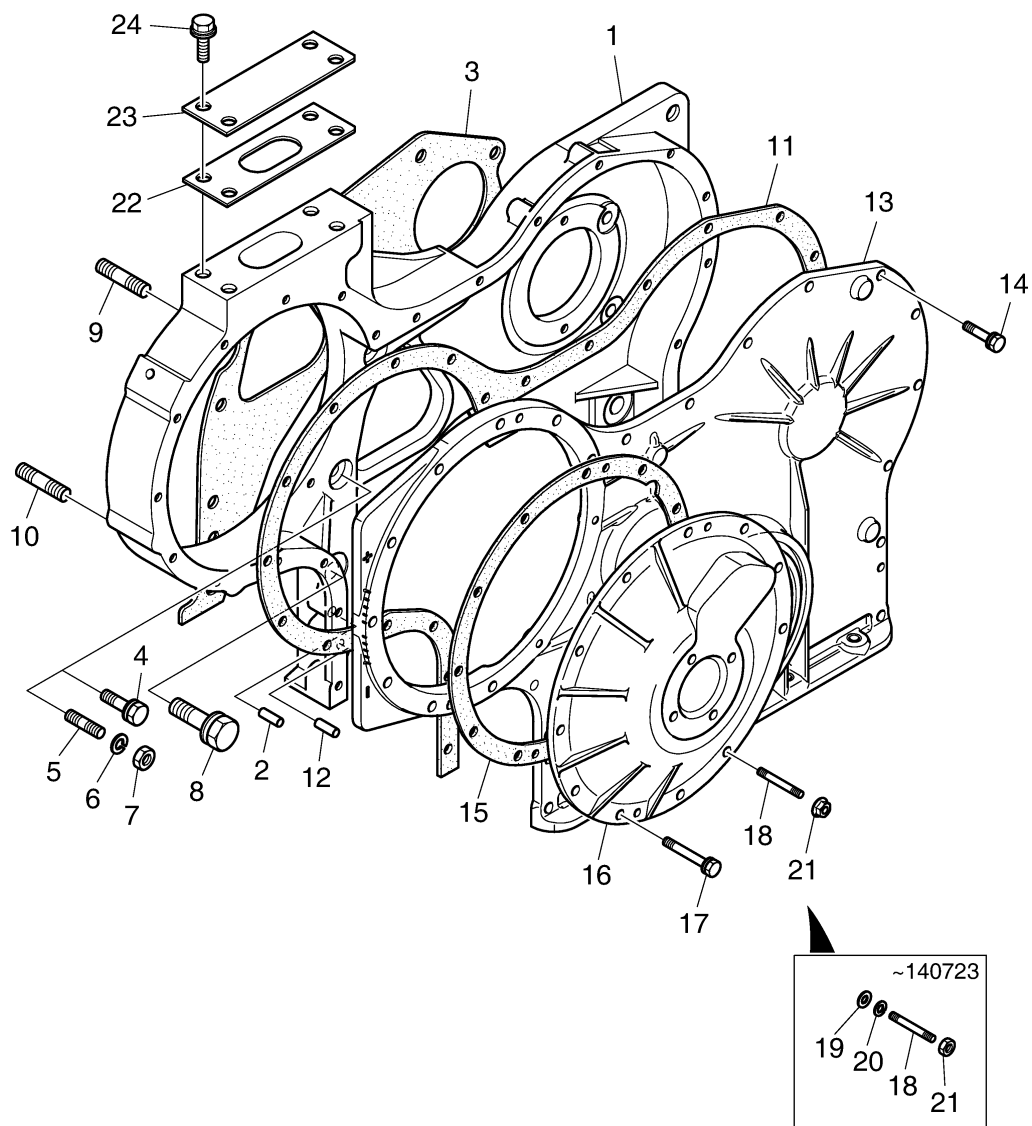
CYLINDER LINER



CYLINDER LINER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685251			LINER;CYLINDER	6		

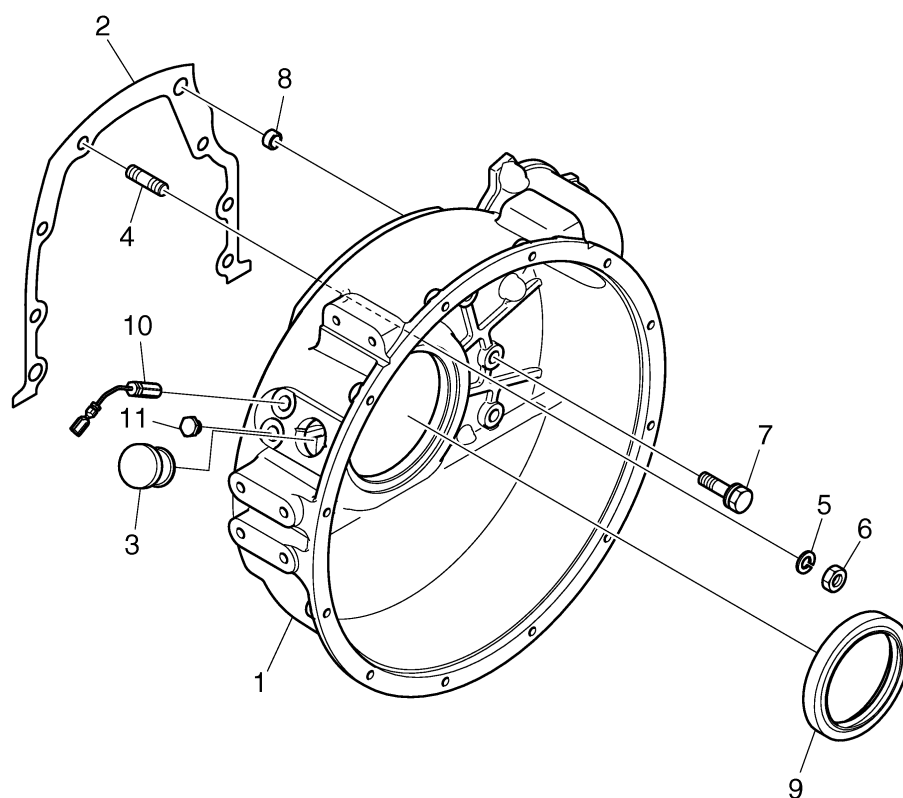
TIMING GEAR CASE



TIMING GEAR CASE

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46684642		CASE;TIMING GEAR	1		
2	46687088		PIN, DOWEL	2		
3	46685306		GASKET;TIMING GEAR CASE	1		
4	46682046		BOLT ASS'Y M8X20	5		
5	46683957		BOLT;STUD M8X20	1		
6	46682729		WASHER	1		
7	46682374		NUT	1		
8	46683615		BOLT ASS`Y M12X1.5X30	4		
9	46683961		BOLT;STUD	1		
10	46683958		BOLT;STUD M10X30	6		
11	46685305		GASKET;T.G.C COVER	1		
12	46684263		PIN;DOWEL 6M6X10	2		
13	46685257		COVER;TIMING GEAR CASE	1		
14	46683291		BOLT ASS`Y M6X22	13		
15	46685304	I	GASKET;COVER	1		~ 20150114
15	NAP		GASKET;TIMING GEAR CASE	1		20150115 ~
16	46686592		COVER;TIMING GEAR CASE	1		
17	46683587		BOLT ASS`Y M6X35	9		
18	46686930		BOLT;STUD M6X16	2		~ 20130521
18	NAP		BOLT;STUD	2		20130522 ~
19	46682781		WASHER;PLAIN	2		~ 20140723
20	46684253		WASHER	2		~ 20140723
21	46683974		NUT	2		~ 20140723
21	NAP		NUT,FLANGE	2		20140724 ~
22	46686400		GASKET	1		
23	46687103		COVER;TIMING GEAR CASE	1		
24	46682043		BOLT ASS'Y M10X25	4		

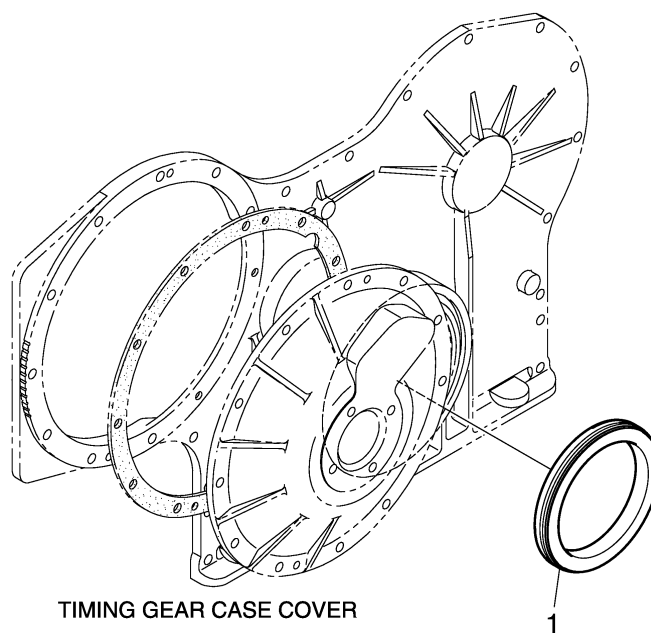
FLYWHEEL HOUSING



FLYWHEEL HOUSING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684753			HOUSING,FLYWHEEL;CYL,BODY TO BRO	1		
2	46685303			GASKET,FLYWHEEL HOUSING;FLY WHE	1		
3	46687234			PLUG;RUBBER	1		
4	46686918			BOLT;STUD M12X1.5X35	1		
5	46684257			WASHER;SPRING	1		
6	46684238			NUT;HEX. M12X1.5	1		
7	46682883			BOLT ASS'Y M12X1.5X40	9		
8	46687210			RING;STOPPER	2		
9	46685267			SEAL;OIL REAR	1		
10	46682907			SENSOR,TACHOMETER	1		~ 20150107
10	NAP			SENSOR,TACHOMETER	1		20150108 ~
11	46682889			PLUG SCREW M16 X 1.5	1		

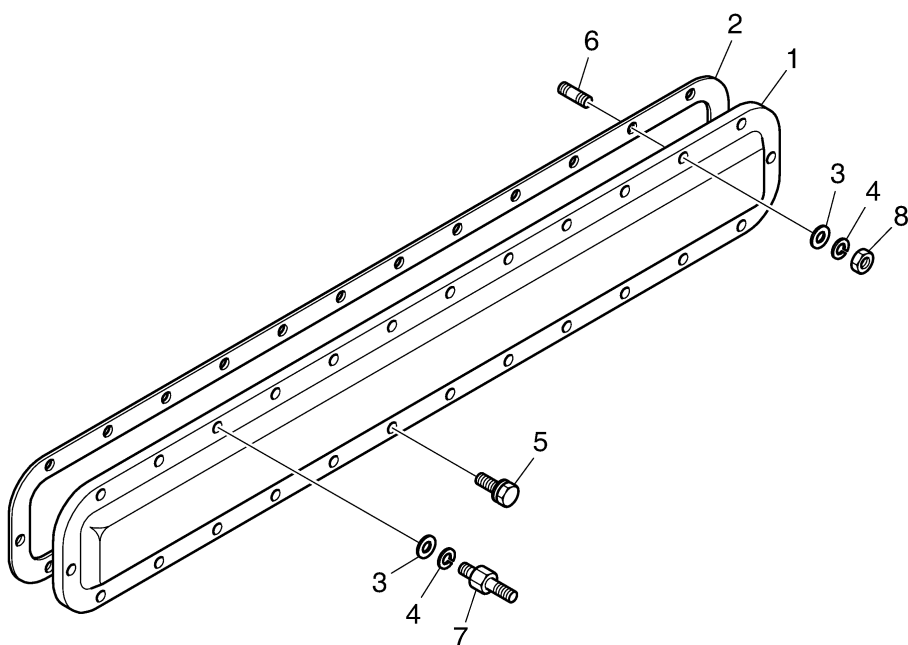
OIL SEAL



OIL SEAL

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685272			SEAL;OIL(FRONT)	1		

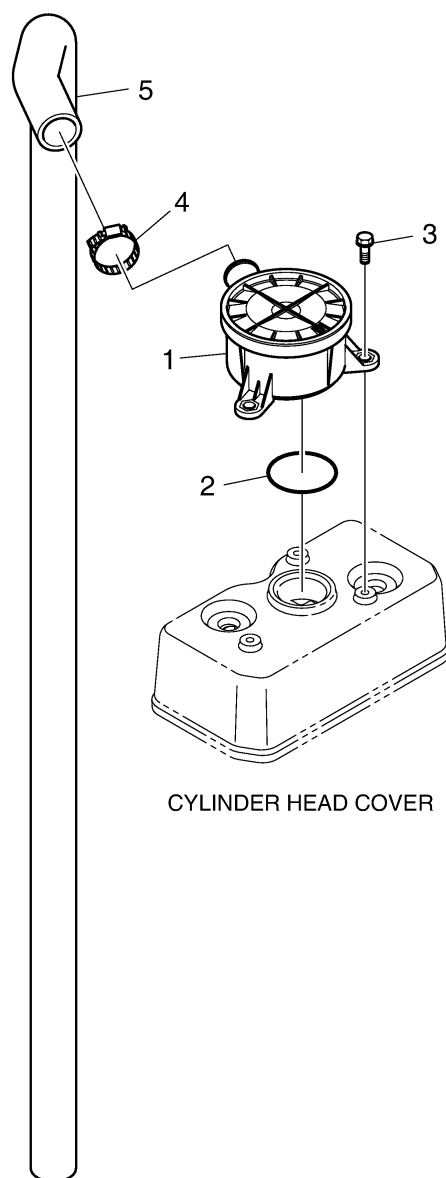
WATER CHAMBER COVER



WATER CHAMBER COVER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685284			COVER;WATER CHAMBER	1		
2	46685370			GASKET;WATER CHAMBER COVER	1		
3	46682379			WASHER	12		
4	46682729			WASHER	12		
5	46683591			BOLT ASS'Y M8X25	14		
6	46682369			BOLT;STUD M8X25	11		
7	46687050			BOLT,SPACER;M8	1		
8	46682374			NUT	11		

BREATHER

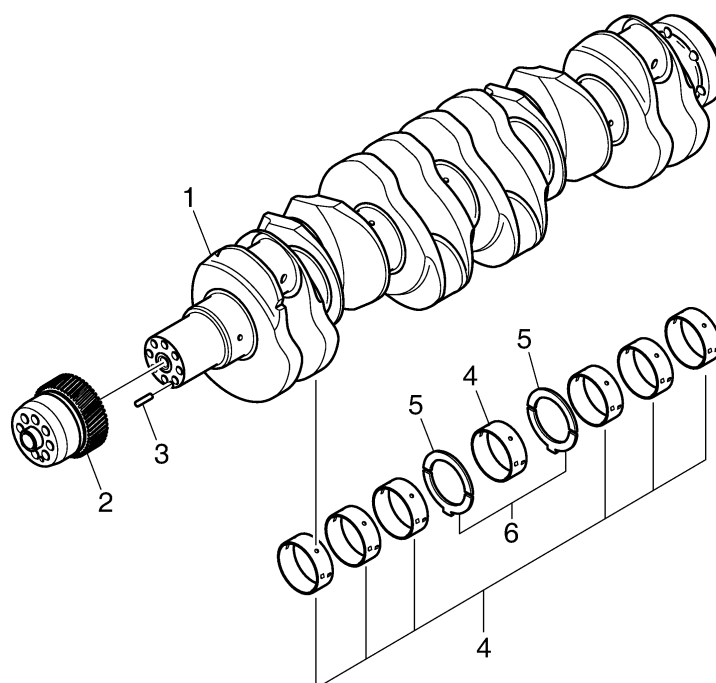


CYLINDER HEAD COVER

BREATHER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685288			BREATHER HOUSING ASS'Y	1		
2	46687362			O-RING	1		
3	46682897			BOLT ASS'Y M8X20	3		
4	46682755			CLAMP;HOSE	1		
5	46684967			HOSE;BREATHER	1		

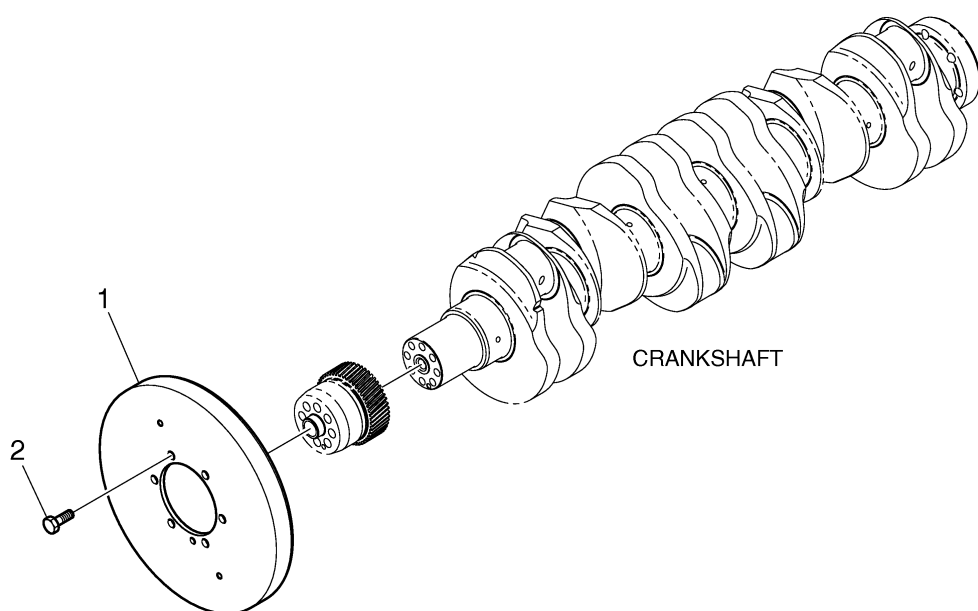
CRANKSHAFT



CRANKSHAFT

Key No.	Part No.	IC A		Description	Q'ty	S.C	Adpated Date
1	46684735			CRANK SHAFT	1		
2	46684643	I		GEAR,CRANKSHAFT	1		~ 20130307
2	NAP			GEAR,CRANKSHAFT	1		20130308 ~
3	46684265			PIN;DOWEL	1		
4	46685183	I		METAL;MAIN STD	7	G	~ 20140115
4	46684662			METAL,MAIN	7		20140116 ~
5	46685186	I		WASHER;THRUST(UPPER)	2	G	~ 20140115
5	46684637			WASHER,THRUST(UPPER)	2		20140116 ~ 20150423
5	NAP			WASHER,THRUST	2		20150424 ~
6	46687077	I		WASHER;THRUST(LOWER)	2	G	~ 20140115
6	46684635			WASHER,THRUST(LOWER)	2		20140116 ~ 20150423
6	NAP			WASHER,THRUST	2		20150424 ~

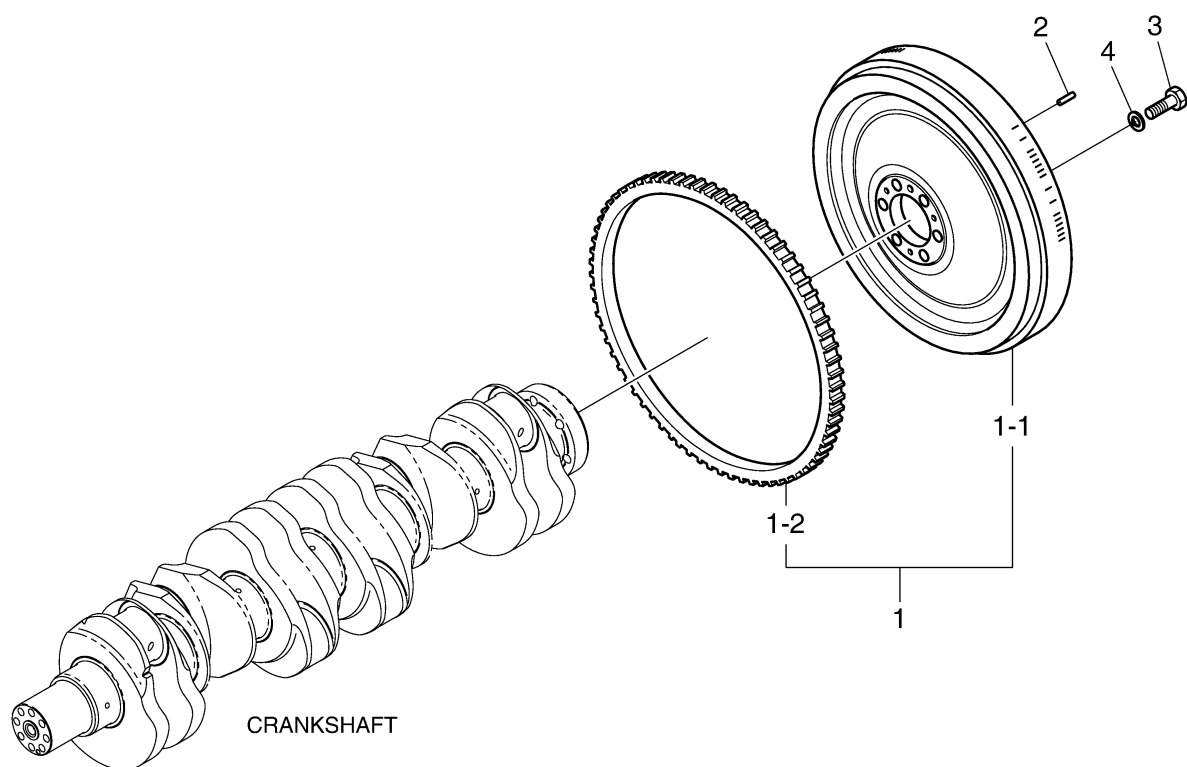
VIBRATION DAMPER



VIBRATION DAMPER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685385			DAMPER;VISCOUS	1		
2	46686893			BOLT;HEX M10X20	6		

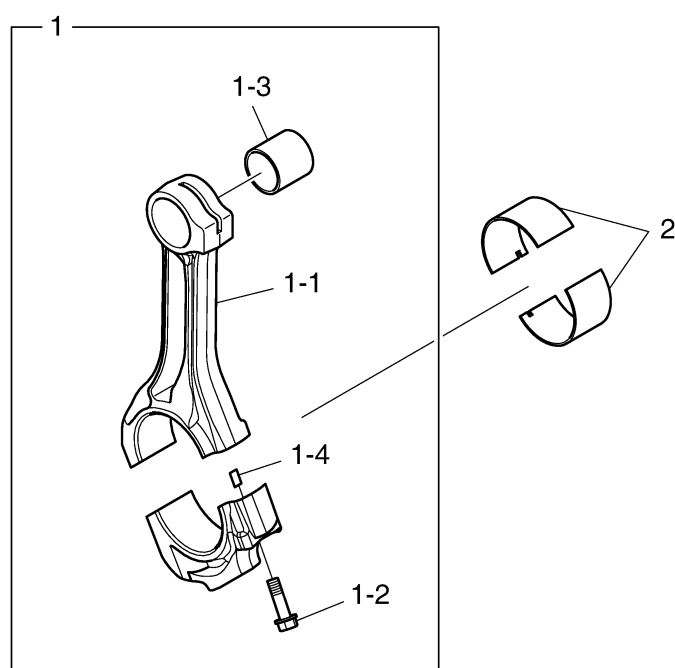
FLYWHEEL



FLYWHEEL

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46685396	Y	FLYWHEEL ASSY	1		~ 20131103
1	NAP		FLYWHEEL ASSY;CYL,BODY TO BRG,C/	1		20131104 ~
1-1	NAP		FLYWHEEL;CLUTCH SIZE 11-1/2	1	NS	~ 20131103
1-1	NAP		FLYWHEEL	1	NS	20131104 ~
1-2	46685398		GEAR,RING	1		~ 20131103
1-2	46685398		GEAR,RING	1		20131104 ~
2	46684266		PIN ; DOWEL	1		
3	46686870		BOLT;HEX. M14X1.5X40	6		
4	46682731		WASHER;SPRING	6		

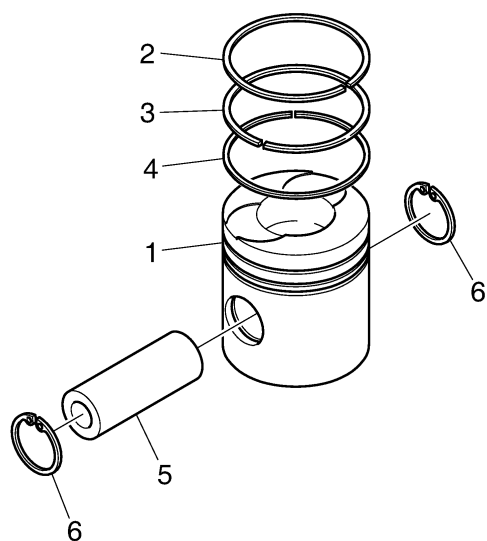
CONNECTING ROD



CONNECTING ROD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685404	I		CONNECTING ROD ASS'Y	6		~ 20140916
1	NAP	I		ROD ASSY,CONNECTING	6		20140917 ~ 20150607
1	NAP			ROD ASSY,CONNECTING	6		20150608 ~
1-1	NAP			ROD;CONNECTING	1	NS	~ 20150607
1-1	NAP			ROD,CONNECTING	1	NS	20150608 ~
1-2	46686888			BOLT;CONNECTING ROD	2		
1-3	46685419			BUSH;SMALL END	1		
1-4	46687091			PIN;DOWEL	2		
2	46685420			METAL;CONNECTING ROD(STD)	6	G	

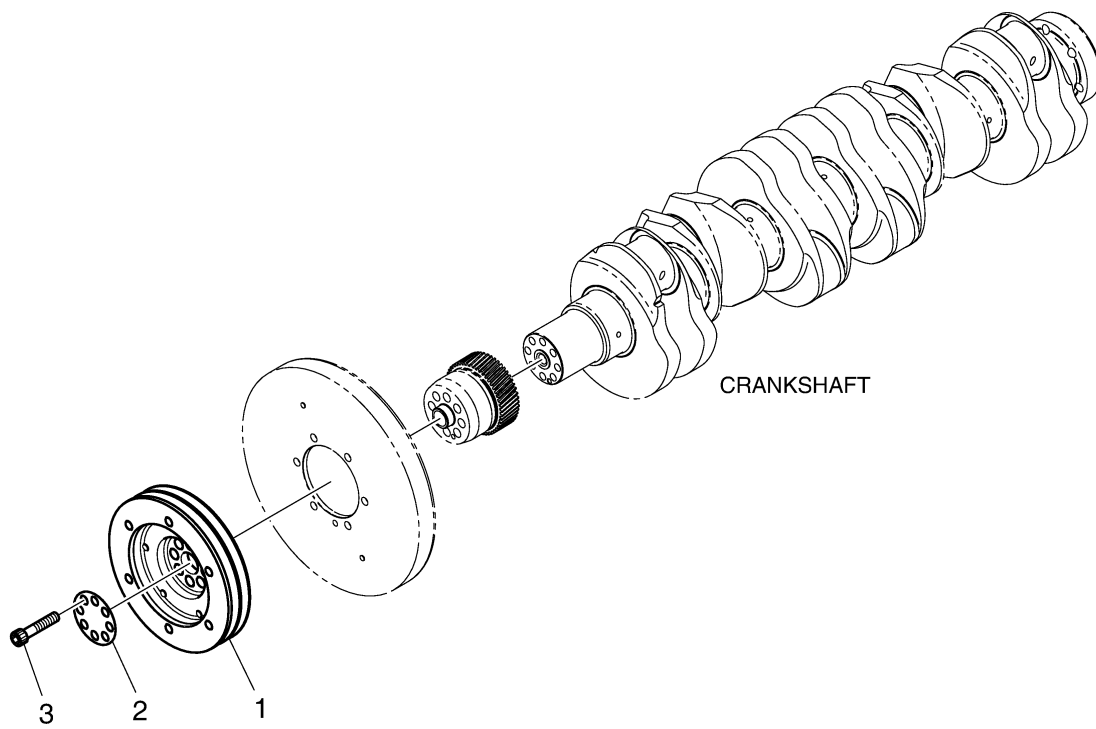
PISTON



PISTON

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			PISTON	6		
2	46685505			RING;TOP 111X3.5	6	K	
3	46685501			RING;SECOND 111X3.5	6	K	
4	46685500			RING;OIL 111X4	6	K	
5	46684651			PIN;PISTON 42X20X95	6		
6	46684281			RING;SNAP 42X1.75	12		
*	NAP			PISTON RING KIT	1		

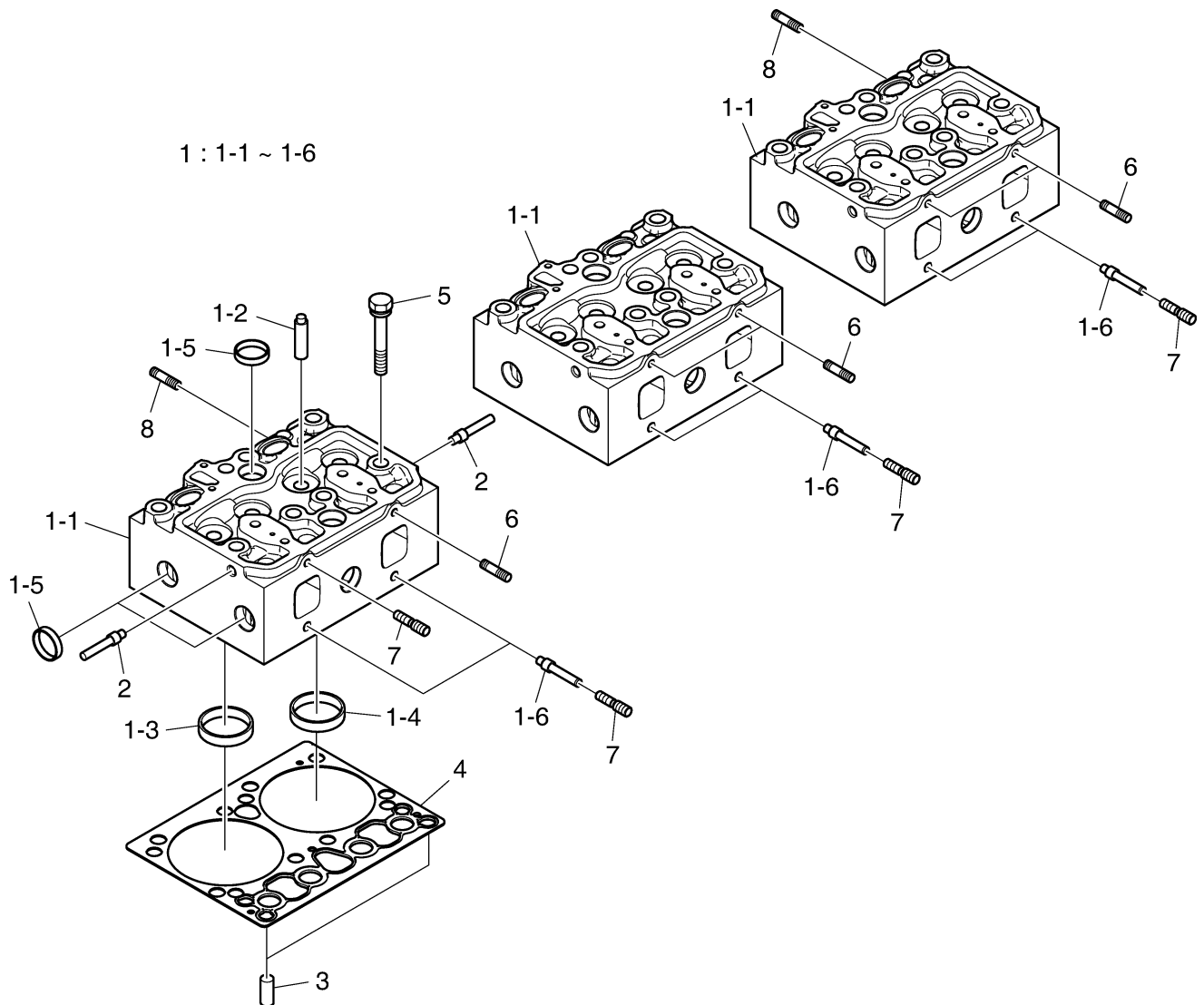
CRANKSHAFT PULLEY



CRANKSHAFT PULLEY

Key No.	Part No.	IC A		Description	Q'ty	S.C	Adpated Date
1	46685509			PULLEY,CRANKSHAFT	1		
2	46687063			WASHER	1		
3	46683855			BOLT;SOCKET HEAD	8		

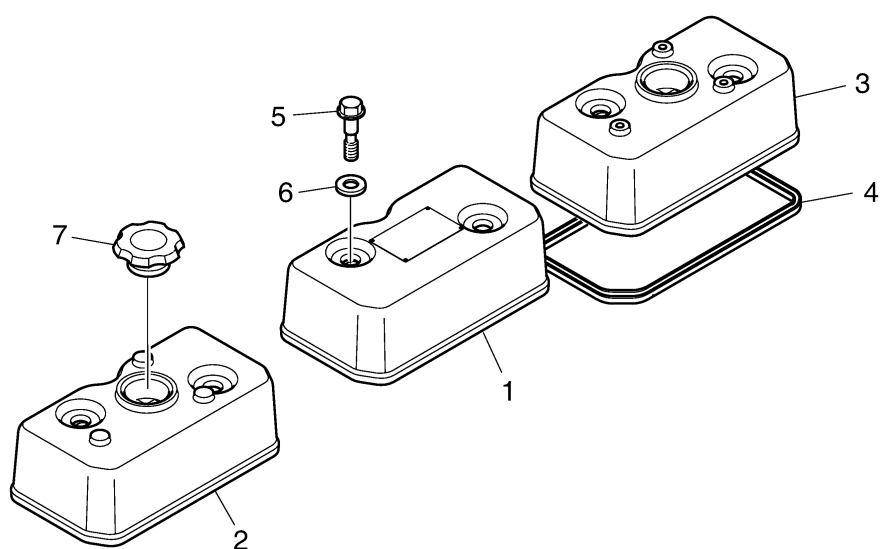
CYLINDER HEAD



CYLINDER HEAD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684750			CYLINDER HEAD ASS'Y	3		
1-1	46684749			HEAD,CYLINDER	1	NS	
1-2	46685521			GUIDE,VALVE	4		
1-3	46685525			RING;VALVE SEAT EXHAUST	2		
1-4	46685526			RING;VALVE SEAT INTAKE	2		
1-5	46686936			PLUG;CORE	7		
1-6	46687085			PIN;CORE	2		
2	46687085			PIN;CORE	6		
3	46684264			PIN;DOWEL 6M6X14	6		
4	46685547			GASKET;CYLINDER HEAD	3		
5	46686910			BOLT;CYLINDER HEAD	24		
6	46686887			BOLT,STUD	6		
7	46686921			BOLT,STUD	6		~ 20150513
7	NAP			BOLT,STUD	6		20150514 ~
8	46683959			BOLT;STUD M10X35	2		

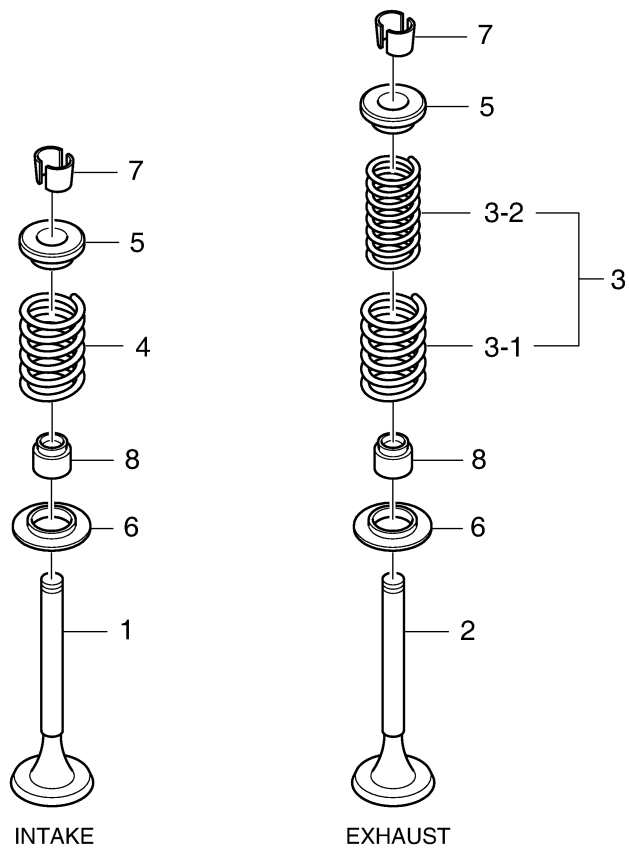
CYLINDER HEAD COVER



CYLINDER HEAD COVER

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46685532		COVER;CYLINDER HEAD	1		
2	46685530	I	COVER;CYLINDER HEAD	1	NS	~ 20140720
2	NAP		COVER;CYLINDER HEAD	1		20140721 ~
3	46685540	I	COVER;CYLINDER HEAD	1	NS	~ 20140720
3	NAP		COVER ASSY,CYLINDER HEAD	1		20140721 ~
4	46685611		GASKET;CYLINDER HEAD COVER	3		
5	46686900		BOLT;COLLARED HEX.	6		
6	46684928		GASKET;CYL. HEAD COVER	6		
7	46682792		CAP;OIL FILLER	1		

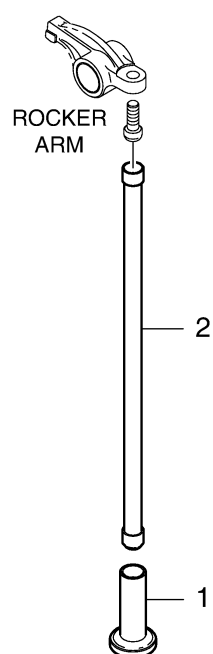
VALVE



VALVE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685613			VALVE;INTAKE	6		
2	46685614			VALVE;EXHAUST	6		
3	46685627			SPRING;VALVE(EXHAUST)	6		
3-1	46685621			SPRING;VALVE(EXHAUST OUTER)	1		
3-2	46685622			SPRING;VALVE(EXHAUST INNER)	1		
4	46685623			SPRING;VALVE(INTAKE)	6		
5	46685633			RETAINER;VALVE SPRING	12		
6	46685630			SEAT;VALVE SPRING	12		
7	46685635			COTTER;VALVE	24		
8	46685751			SEAL;VALVE STEAM	12		

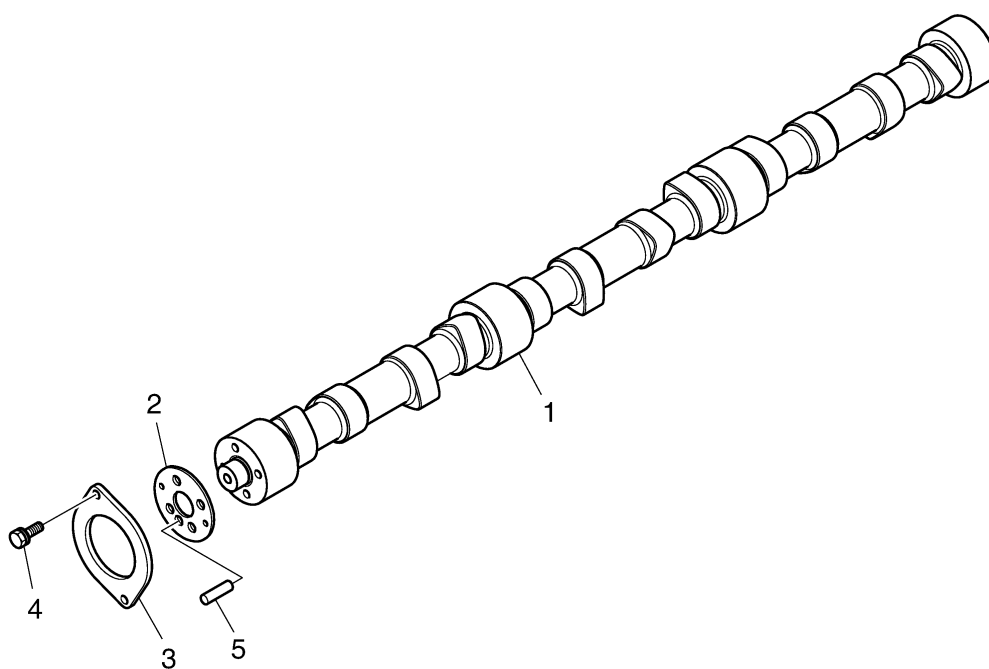
TAPPET & PUSH ROD



TAPPET & PUSH ROD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685655			TAPPET	12		
2	46685659			PUSH ROD	12		

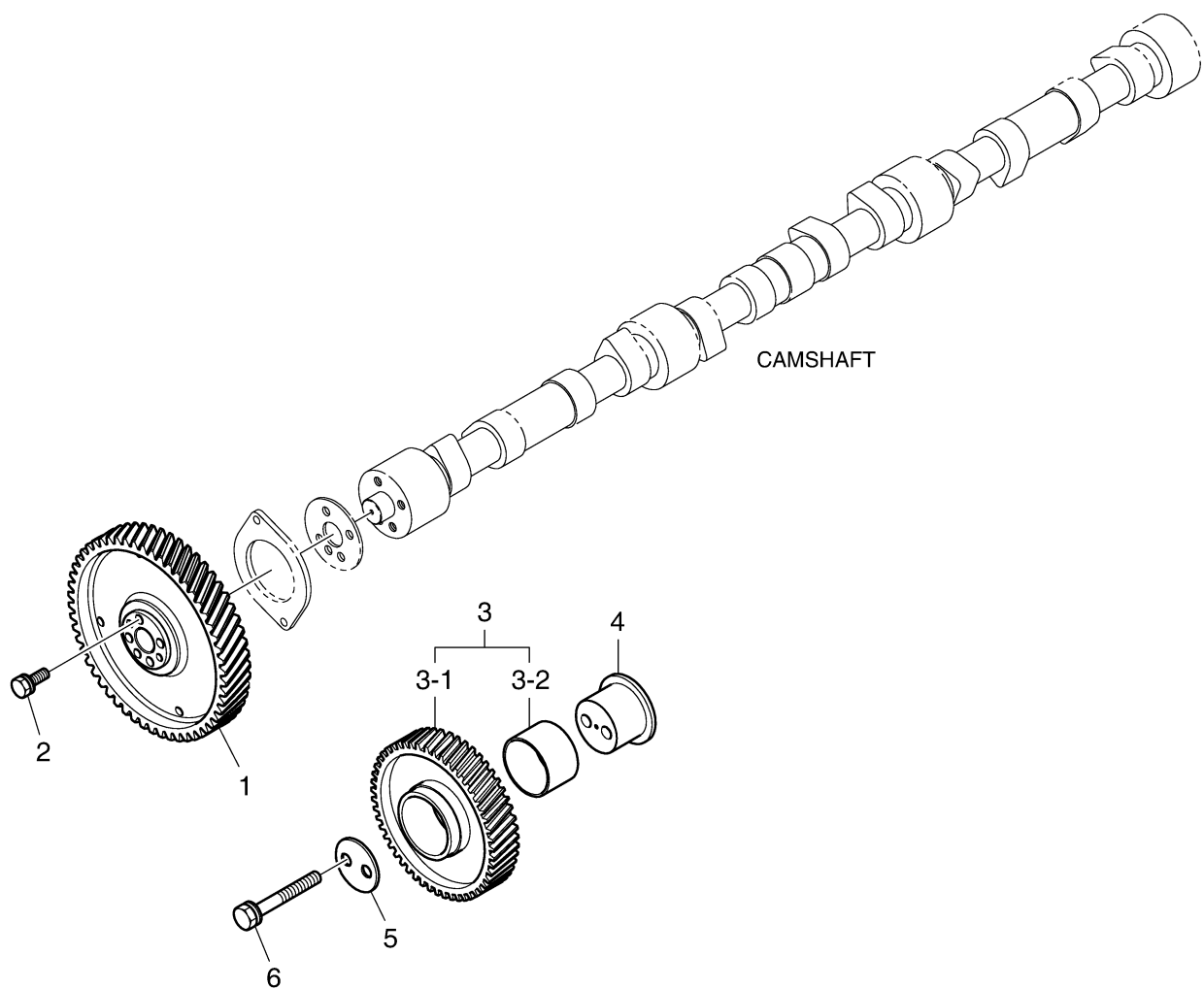
CAMSHAFT



CAMSHAFT

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685728			CAMSHAFT	1		
2	46687078			WASHER;THRUST	1		
3	46687529			FLANGE	1		
4	46686882			BOLT ASS'Y M6X14	2		
5	46684268			PIN;DOWEL	1		

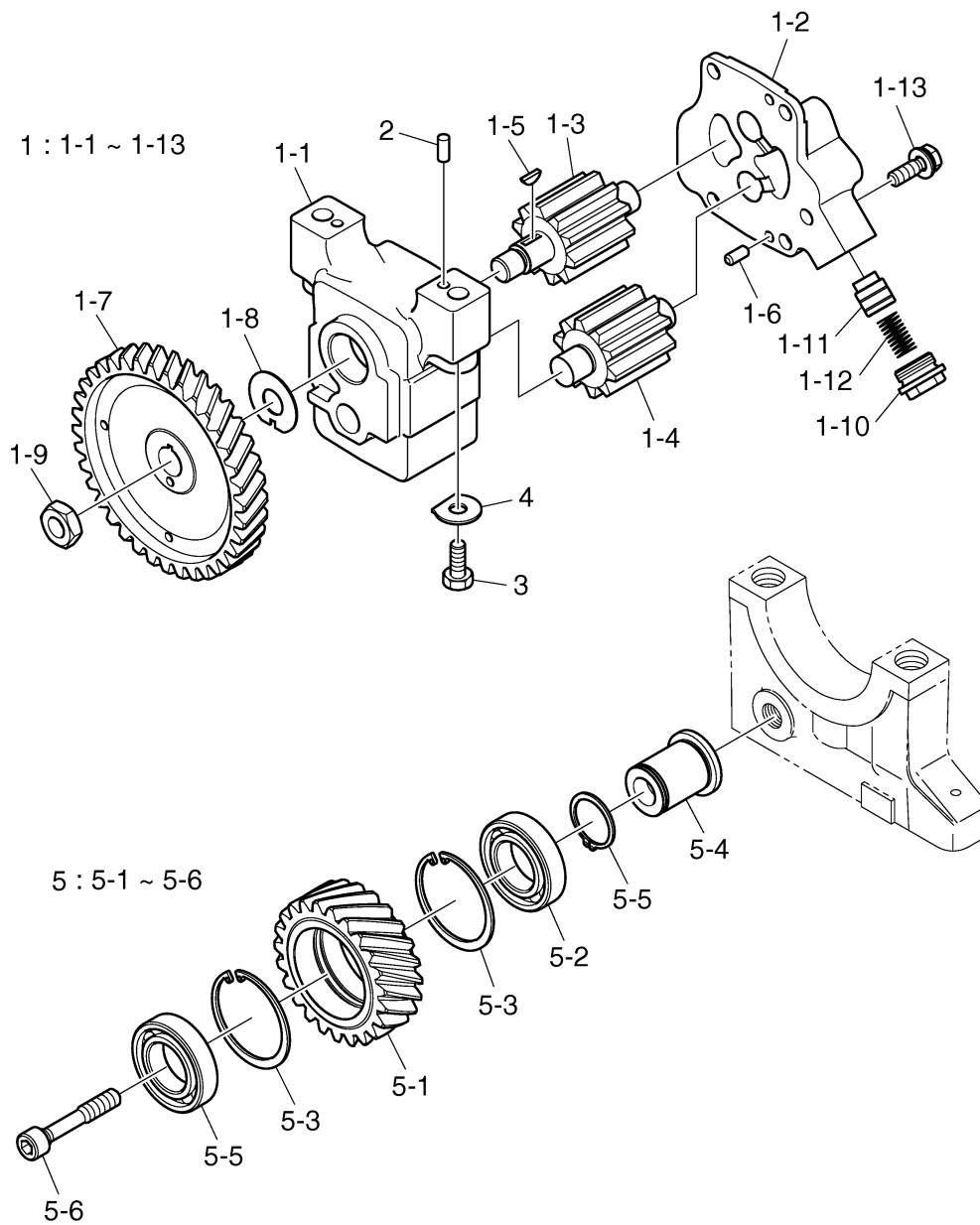
CAMSHAFT DRIVE



CAMSHAFT DRIVE

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46685739		GEAR;CAM SHAFT	1		
2	46686899		BOLT;COLLARED HEX.	4		
3	46685745	I	IDLE GEAR ASSY	1		~ 20130307
3	NAP		GEAR ASSY,IDLE	1		20130308 ~
3-1	NAP	I	GEAR,IDLE;CYL,BODY TO BRG,CAP	1		~ 20130307
3-1	46685743		GEAR,IDLE;CYL,BODY TO BRG,CAP	1		20130308 ~
3-2	46685748		BUSH;IDLE GEAR	1		
4	46685746		PIN;IDLE GEAR	1		
5	46687076		WASHER;THRUST	1		
6	46683599		BOLT;HEX. M8X75	2		

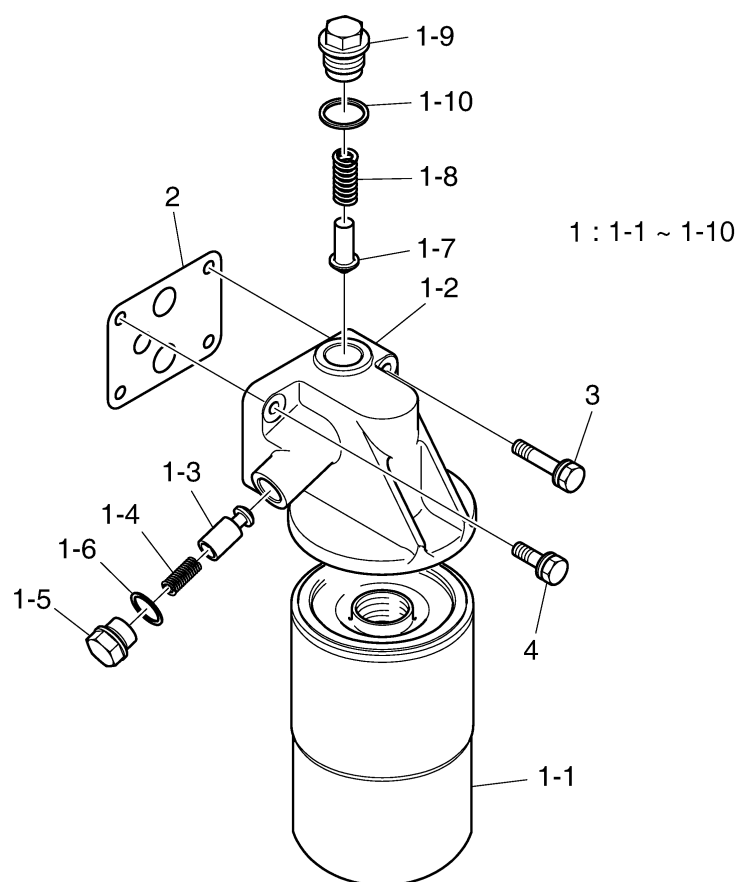
OIL PUMP



OIL PUMP

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684938			PUMP ASSY,OIL	1		
1-1	46684942			HOUSING,OIL PUMP	1		
1-2	46684416			OIL PUMP COVER(REAR)	1		
1-3	46685764			GEAR;PUMP	1		
1-4	46685763			GEAR;PUMP	1		
1-5	46684286			KEY;WOODRUFF	1		
1-6	46684264			PIN;DOWEL 6M6X14	2		
1-7	46685771			GEAR;OIL PUMP DRIVE	1		
1-8	46687080			WASHER;LOCK	1		
1-9	46683973			NUT;HEX.	1		
1-10	46683971			SCREW;PLUG	1		
1-11	46685849			PLUNGER;VALVE	1		
1-12	46687520			SPRING;COMP.	1		
1-13	46683591			BOLT ASS'Y M8X25	4		
2	46684263			PIN;DOWEL 6M6X10	2		
3	46686868			BOLT;HEX. M10X65	2		
4	46684248			WASHER;LOCK	2		
5	46685769			IDLE GEAR ASS'Y	1	NS	
5-1	46685776			GEAR;IDLE	1		
5-2	46684288			BEARING;BALL	2		
5-3	46682738			SNAP RING	2		
5-4	46685747			PIN;IDLE GEAR	1		
5-5	46684279			RING;SNAP 30X2	1		
5-6	46686912			BOLT;SOCKET HEAD M10X60	1		

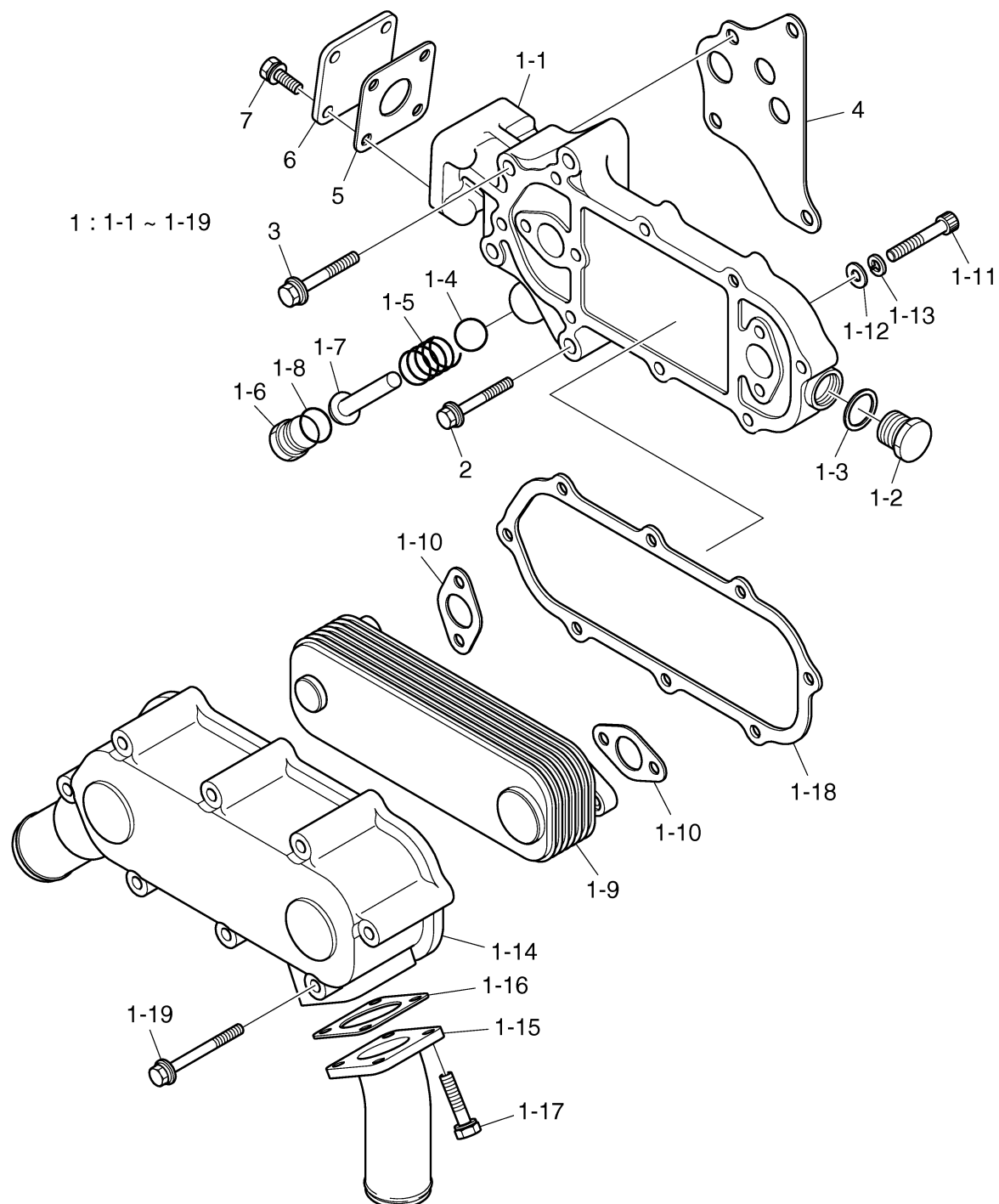
OIL FILTER



OIL FILTER

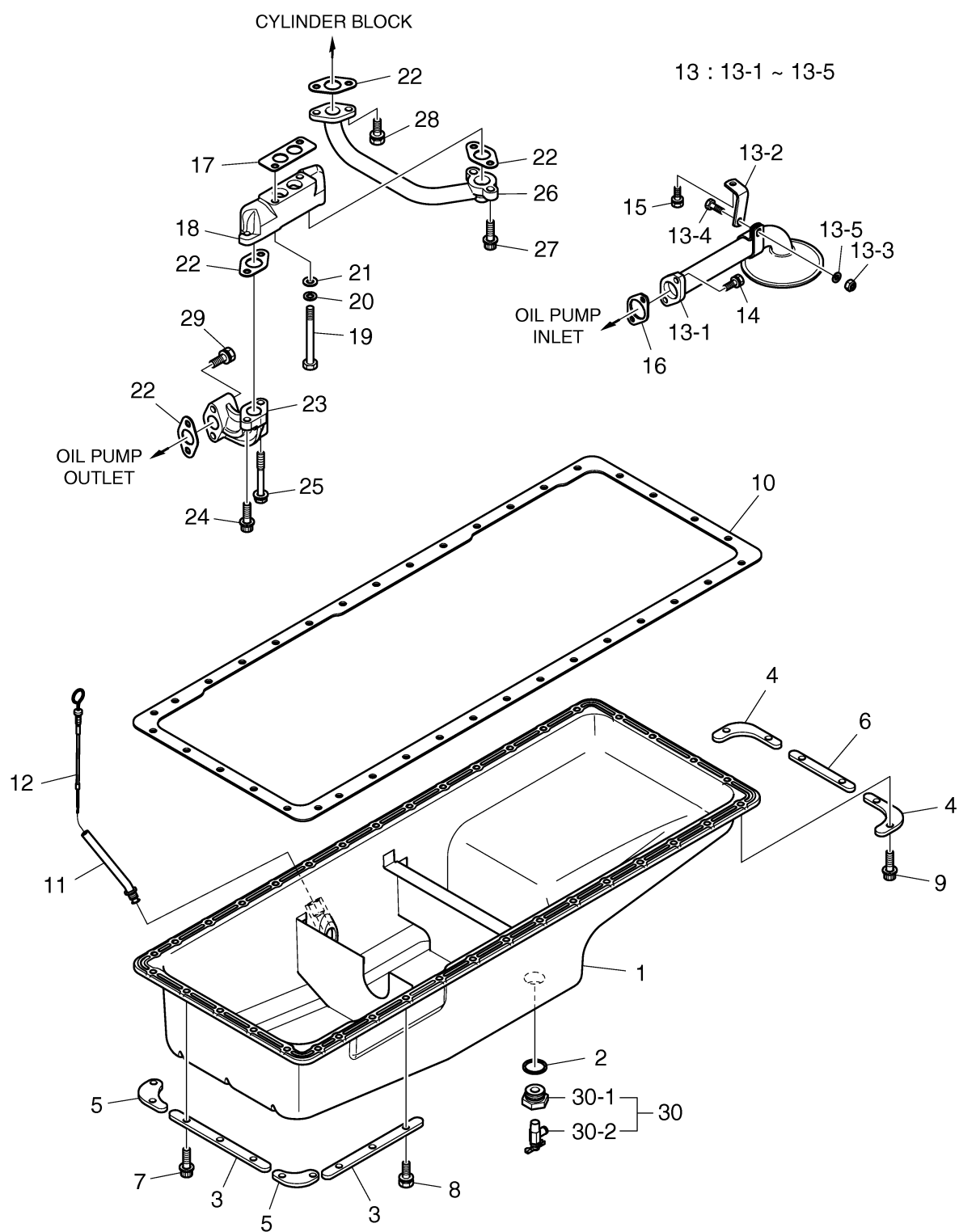
Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684861	Y		OIL FILTER ASS'Y	1		~ 20140120
1	NAP	Y		FILTER ASSY,ENGINE OIL;CYL,BODY TO	1		20140121 ~ 20141111
1	NAP			FILTER ASSY,ENGINE OIL;CYL,BODY TO	1		20141112 ~
1-1	46685860			CARTRIDGE,OIL FILTER	1		~ 20141111
1-1	46684927			CARTRIDGE,OIL FILTER	1		20141112 ~
1-2	46684925	Y		HEAD;FILTER	1		~ 20140120
1-2	46684925			HEAD;OIL FILTER	1		20140121 ~
1-3	NAP			VALVE;PLUNGER	1		
1-4	NAP			SPRING	1		
1-5	46684633			SCREW;PLUG	1		
1-6	46684364			RING;SEAL	1		
1-7	46685618			VALVE	1		
1-8	46687511			SPRING	1		
1-9	46683962			SCREW;PLUG	1		
1-10	46684368			SEAL;RING	1		
2	46686016	Y		GASKET;OIL FILTER	1		~ 20140514
2	46686016			GASKET,OIL FILTER	1		20140515 ~
3	46682042			BOLT ASS'Y M8X55	2		~ 20140120
3	46683596			BOLT ASS'Y M8X55	2		20140121 ~
4	46683593			BOLT ASS'Y M8X35	2		~ 20140120
4	46683296			BOLT ASS'Y M8X35	2		20140121 ~

OIL COOLER



OIL COOLER

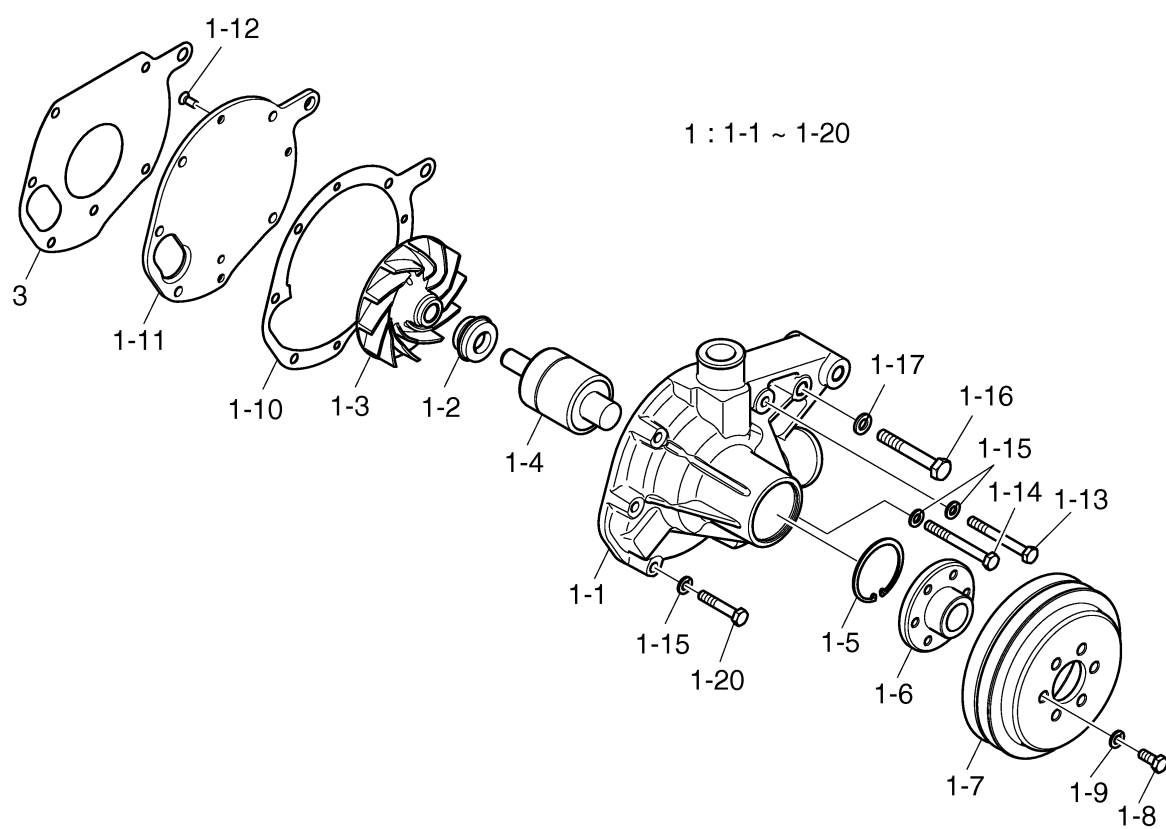
Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685867			OIL COOLER ASS'Y	1		
1-1	46684525			HOUSING;OIL COOLER	1		
1-2	46687041			SCREW;PLUG	1		
1-3	46684365			RING;SEAL	1		
1-4	46684292			BALL;BY-PASS	1		
1-5	46687515			SPRING	1		
1-6	46686941			SCREW;PLUG M26X1.5	1		
1-7	46687092			PIN	1		
1-8	46684370			RING;SEAL	1		
1-9	46685875			ELEMENT;OIL COOLER	1		
1-10	46687377			GASKET;OIL COOLER	2		
1-11	46683856			BOLT;SOCKET HEAD M8X45	4		
1-12	46684242			WASHER;PLAIN	4		
1-13	46684250			WASHER	4		
1-14	46685873			COVER;OIL COOLER	1		
1-15	46686113			PIPE;COOLING WATER	1		
1-16	46687378			GASKET;FLANGE	1		
1-17	46683588			BOLT ASS'Y M8X18	4		
1-18	46686018			GASKET;OIL COOLER COVER	1		
1-19	46683577			BOLT;HEX. M8X75	8		
2	46686885			BOLT ASS'Y M10X70	2		
3	46683613			BOLT ASS'Y M10X70	2		
4	46686020			GASKET;OIL COOLER COVER HOUSING	1		
5	46687386			GASKET;OIL COOLER ASS'Y	1		
6	46687098			COVER;BLIND	1		
7	46682037			BOLT ASS'Y M8X18	4		



OIL PAN

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46685994		PAN,OIL	1		
2	46684371		SEAL;RING	1		
3	46686006		WASHER;OIL PAN(SIDE)	9		
4	46686007		WASHER;OIL PAN(REAR)	2		
5	46686008		WASHER;OIL PAN(FRONT)	2		
6	46686009		WASHER;OIL PAN(REAR)	1		
7	46686884		BOLT;SOCKET HEAD M8X25	2		
8	46682040		BOLT ASS'Y M8X25	25		
9	46686884		BOLT;SOCKET HEAD M8X25	10		
10	46686100		GASKET;OIL PAN	1		
11	46686003		PIPE,OIL LEVEL GAUGE;FOR BUS	1		
12	46685996		GAUGE ASSY,OIL LEVEL	1		
13	46685976		PIPE ASSY,OIL;FOR I/P OIL DEL,BLK-I/P	1		
13-1	46685884		PIPE,SUCTION	1		
13-2	46687232		BRACKET,OIL PIPE;FOR OIL SUCTION P	1		
13-3	46687056		NUT	1		
13-4	46683208		BOLT;HEX. M8X22	1		
13-5	46682379		WASHER	1		
14	46682040		BOLT ASS'Y M8X25	2		
15	46683293		BOLT ASS'Y M8X16	1		
16	46687389		GASKET;OIL SUCTION PIPE	1		
17	46686098		GASKET;CONNECTING FLANGE	1		
18	46685984		CONNECTING FLANGE ASS'Y	1		
19	46683848		BOLT;SOCKET HEAD	2		
20	46682729		WASHER	2		~ 20150114
20	46682729		WASHER	3		20150115 ~
21	46684242		WASHER;PLAIN	3		~ 20150114
21	46684242		WASHER;PLAIN	6		20150115 ~
22	46687381		GASKET;OIL PIPE	4		
23	46685049		PIPE,OIL DELIVERY	1		
24	46686884		BOLT;SOCKET HEAD M8X25	1		~ 20150114
24	NAP		BOLT,SOCKET HEAD WITH WASHER	1		20150115 ~
25	46682050		BOLT ASS'Y M8X65	1		~ 20150114
25	46683848		BOLT;SOCKET HEAD	1		20150115 ~
26	46685883		OIL PIPE ASS'Y	1		
27	46686884		BOLT;SOCKET HEAD M8X25	2		~ 20150114
27	NAP		BOLT,SOCKET HEAD WITH WASHER	2		20150115 ~
28	46682897		BOLT ASS'Y M8X20	2		
29	46683579		BOLT ASSY,HEX	2		
30	46687531		VALVE,DRAIN;OIL DRAIN	1		
30-1	46687533		ADAPTER;OIL DRAIN	1		
30-2	NAP		VALVE,DRAIN;OIL DRAIN	1		

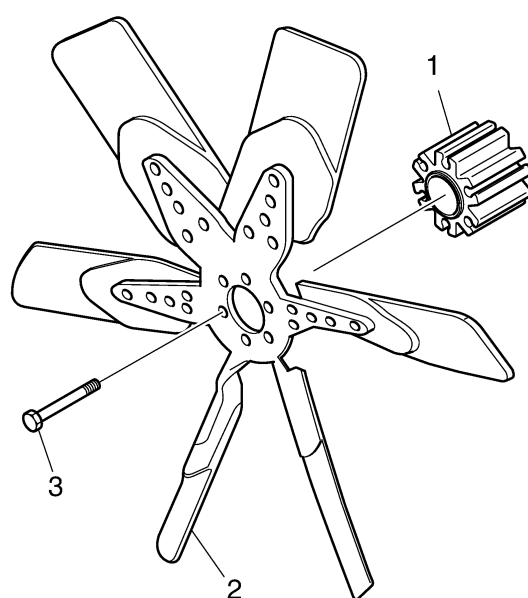
WATER PUMP



WATER PUMP

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686126			PUMP ASSY;WATER	1		
1-1	46684940			HOUSING;WATER PUMP	1	NS	
1-2	46682861			SEAL;MECHANICAL	1		
1-3	46686142			IMPELLAR	1		
1-4	46682954			BEARING	1		
1-5	46682738			SNAP RING	1		
1-6	46686136			HUB	1		
1-7	46686133			PULLEY,BELT;WATER PUMP	1		
1-8	46683178			BOLT;HEX. M8X50	6		
1-9	46682729			WASHER	6		
1-10	46686246			GASKET(WATER PUMP, INNER)	1		
1-11	46686146			COVER;WATER PUMP	1		
1-12	46683951			BOLT;SLOTTED HEAD M6X14	3		
1-13	46683182			BOLT;HEX. M8X70	1		
1-14	46683183			BOLT;HEX M8X75	1		
1-15	46682729			WASHER	5		
1-16	46683569			BOLT;HEX. M10X1.5X70	1		
1-17	46682730			WASHER;SPRING	1		
1-20	46683179			BOLT;HEX. M8X45	3		
3	46686247			GASKET;WATER PUMP	1		

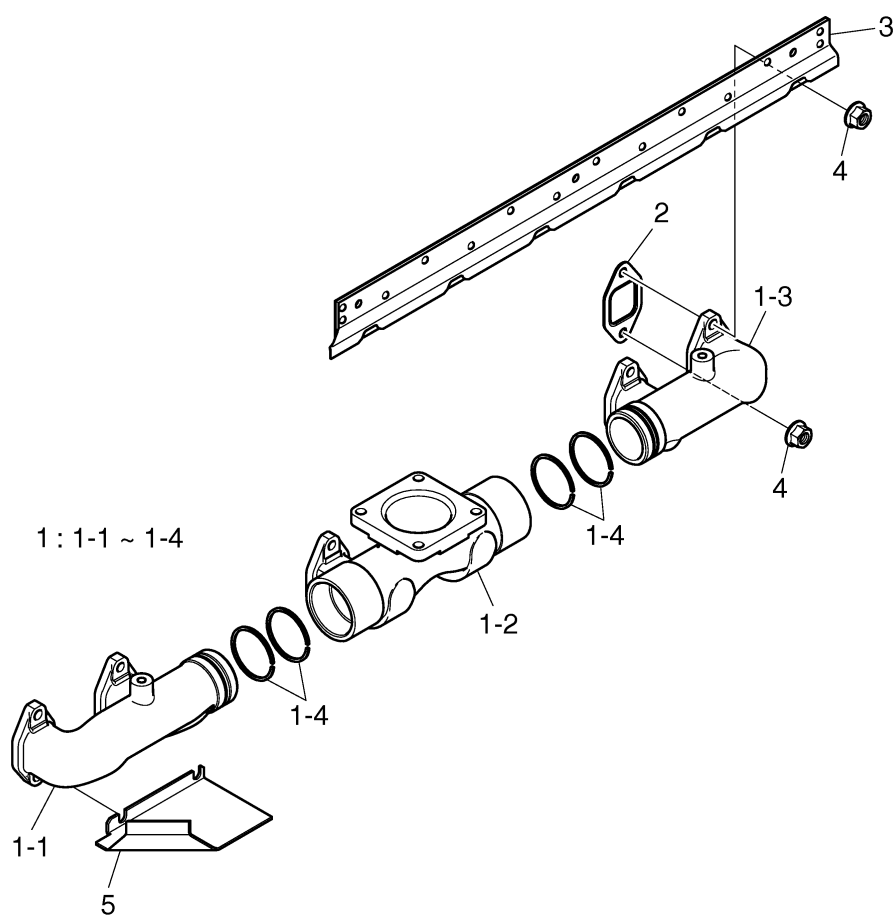
COOLING FAN



COOLING FAN

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686238			FLANGE,FAN	1		
2	46686150			FAN,COOLING;D0846HM GENERATOR	1		
3	46683211			BOLT M8X85	6		

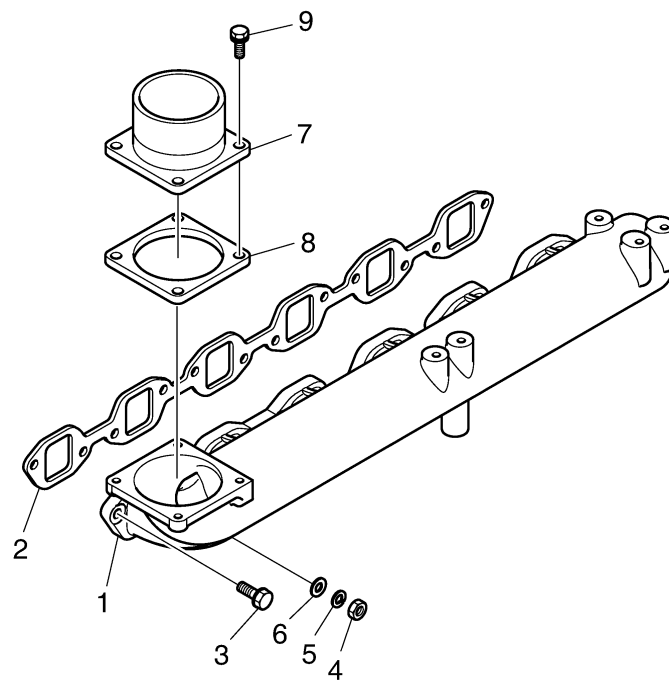
EXHAUST MANIFOLD



EXHAUST MANIFOLD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			MANIFOLD ASSY,EXHAUST	1		
1-1	46686263			MANIFOLD;EXHAUST(L.H.)	1		
1-2	NAP			MANIFOLD,EXHAUST;MIDDLE PART	1		
1-3	46686264			MANIFOLD;EXHAUST(R.H.)	1		
1-4	46687361			RING;SEAL	4		
2	46686397			GASKET;EXHAUST MANIFOLD	6		
3	46686279			SCREEN;HEAT	1		
4	46687057			NUT	12		
5	46686278			SCREEN;HEAT	1		

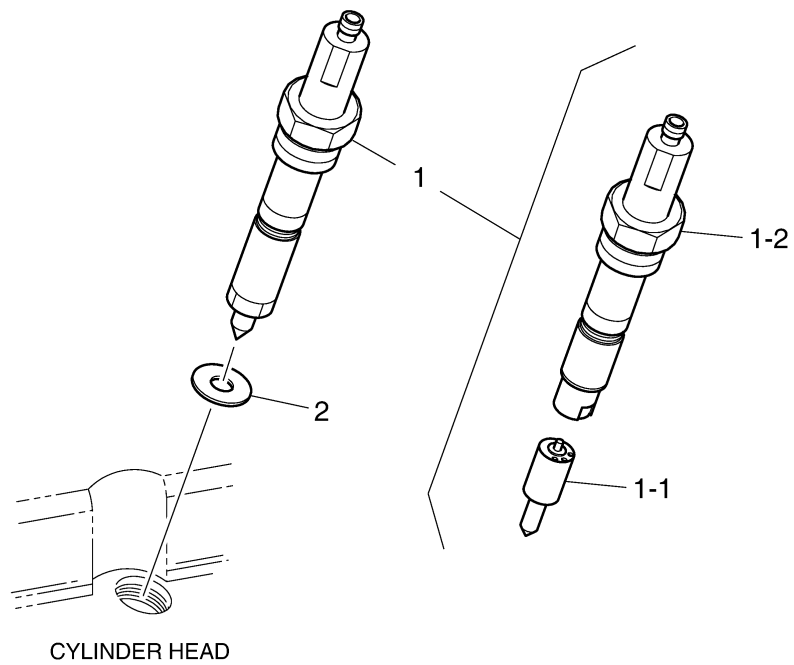
INTAKE MANIFOLD



INTAKE MANIFOLD

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46686282	I	MANIFOLD,INTAKE	1		~ 20150108
1	NAP		MANIFOLD,INTAKE	1		20150109 ~
2	46686401		GASKET;INTAKE MANIFOLD	1		
3	46683606		BOLT ASS'Y M10X35	10		
4	46682375		NUT;HEX. M10	2		
5	46682730		WASHER;SPRING	2		
6	46684243		WASHER;PLAIN	2		
7	NAP		STAKE,INTAKE	1		
8	46686726		GASKET	1		
9	46683578		BOLT ASSY	4		~ 20150108
9	46683602		BOLT ASS'Y M10X30	4		20150109 ~

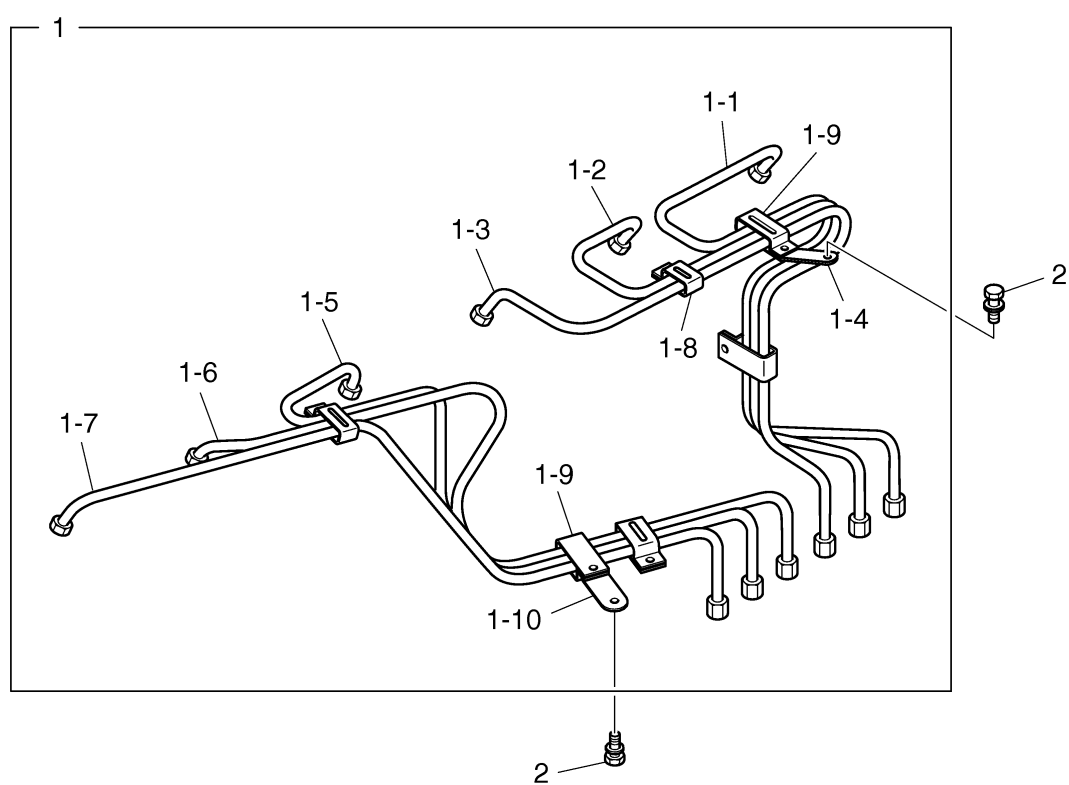
INJECTION NOZZLE



INJECTION NOZZLE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686439			NOZZLE HOLDER ASS'Y	6		
1-1	46686440			TIP;NOZZLE	1		
1-2	46686448			NUT;UNION	1		
2	46684366			RING;SEAL	6		

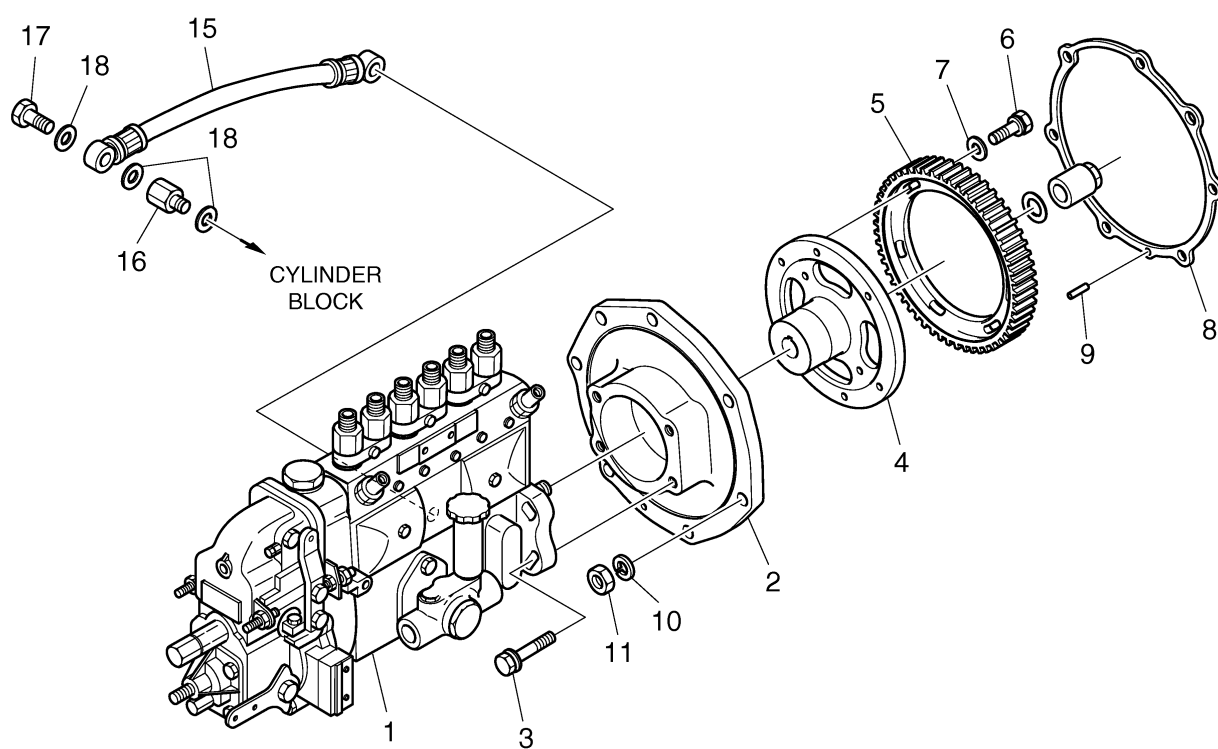
INJECTION PIPE



INJECTION PIPE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686458			PIPE,INJECTION	1		
1-1	46686449			PIPE ASSY,INJECTION;OLD	1	NS	
1-2	46686450			PIPE,INJECTION;NO.2	1	NS	
1-3	46686451			PIPE ASSY,INJECTION;OLD	1	NS	
1-4	NAP			HOLDER	1	NS	
1-5	46686452			PIPE ASSY,INJECTION;OLD	1	NS	
1-6	46686453			PIPE ASSY,INJECTION;OLD	1	NS	
1-7	NAP			PIPE,INJECTION;NO.6	1	NS	
1-8	46687414			2 PIPE CLIP ASS'Y	1		
1-9	46687416			3 PIPE CLIP ASS'Y	6		
1-10	NAP			HOLDER;INJECTION PIPE	1		
2	46683603			BOLT;HEX. M10X22	2		

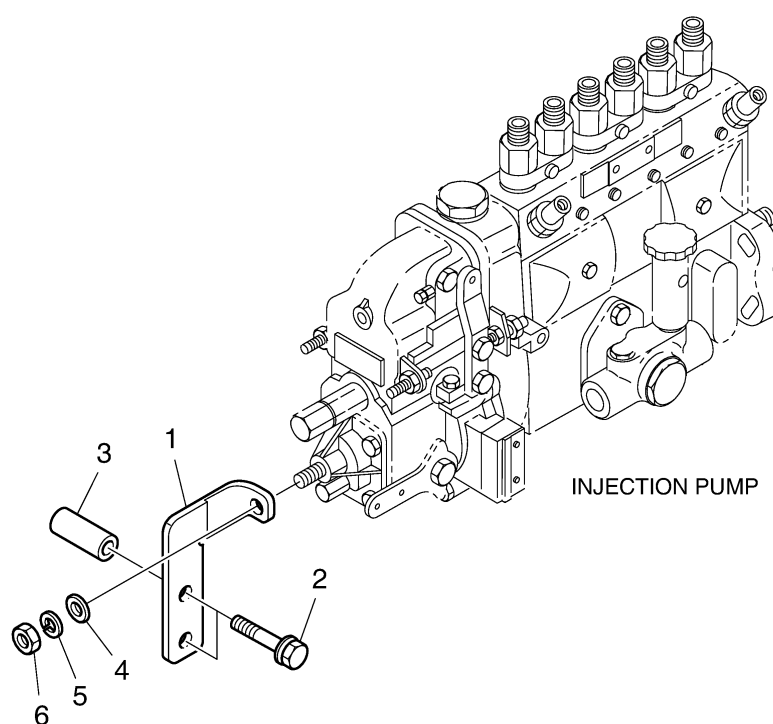
INJECTION PUMP



INJECTION PUMP

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			PUMP,INJECTION	1		
2	46686598			MOUNTING FLANGE ASS'Y	1		
3	46683606			BOLT ASS'Y M10X35	4		
4	46686558			COUPLING;INJECTION PUMP	1		
5	46686570			GEAR;DRIVE	1		
6	46683592			BOLT;HEX. M8X28	6		
7	46687070			WASHER;PLAIN	6		
8	46686617			GASKET;MOUNTING FLANGE	1		
9	46684276			PIN;SPRING	1		
10	46682730			WASHER;SPRING	7		
11	46682375			NUT;HEX. M10	7		
15	46685888			HOSE;OIL	1		
16	46687547			ADAPTER	1		
17	46687562			SCREW;HOLLOW	1		
18	46682747			RING;SEAL	3		

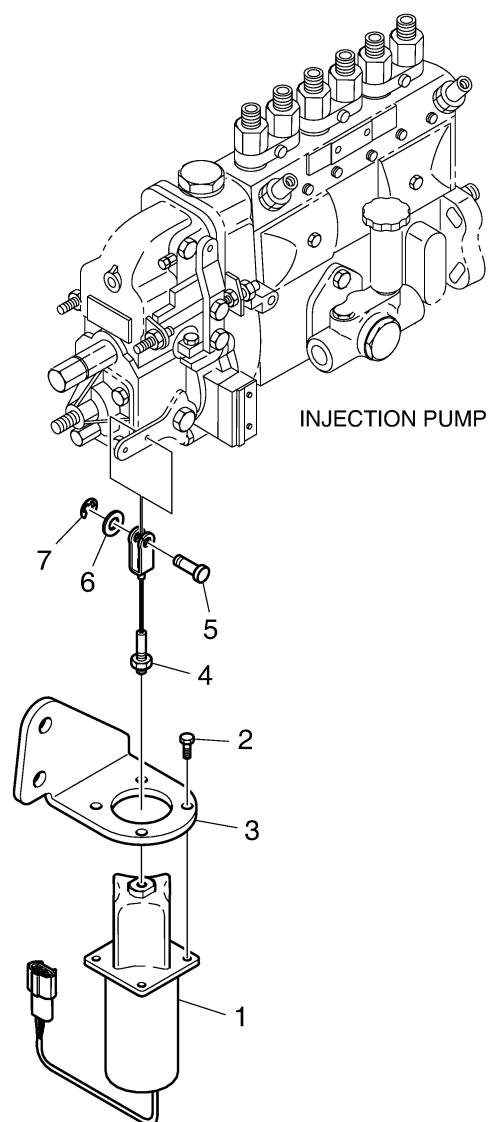
INJECTION PUMP MOUNTING



INJECTION PUMP MOUNTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686597			BRACKET;F.I.P	1		
2	46683191			BOLT ASS'Y M10X85	2		
3	46687069			SPACER;ALTERNATOR MTG	2		
4	46682724			WASHER;PLAIN	1		
5	46682730			WASHER;SPRING	1		
6	46687603			NUT M10X1.25	1		

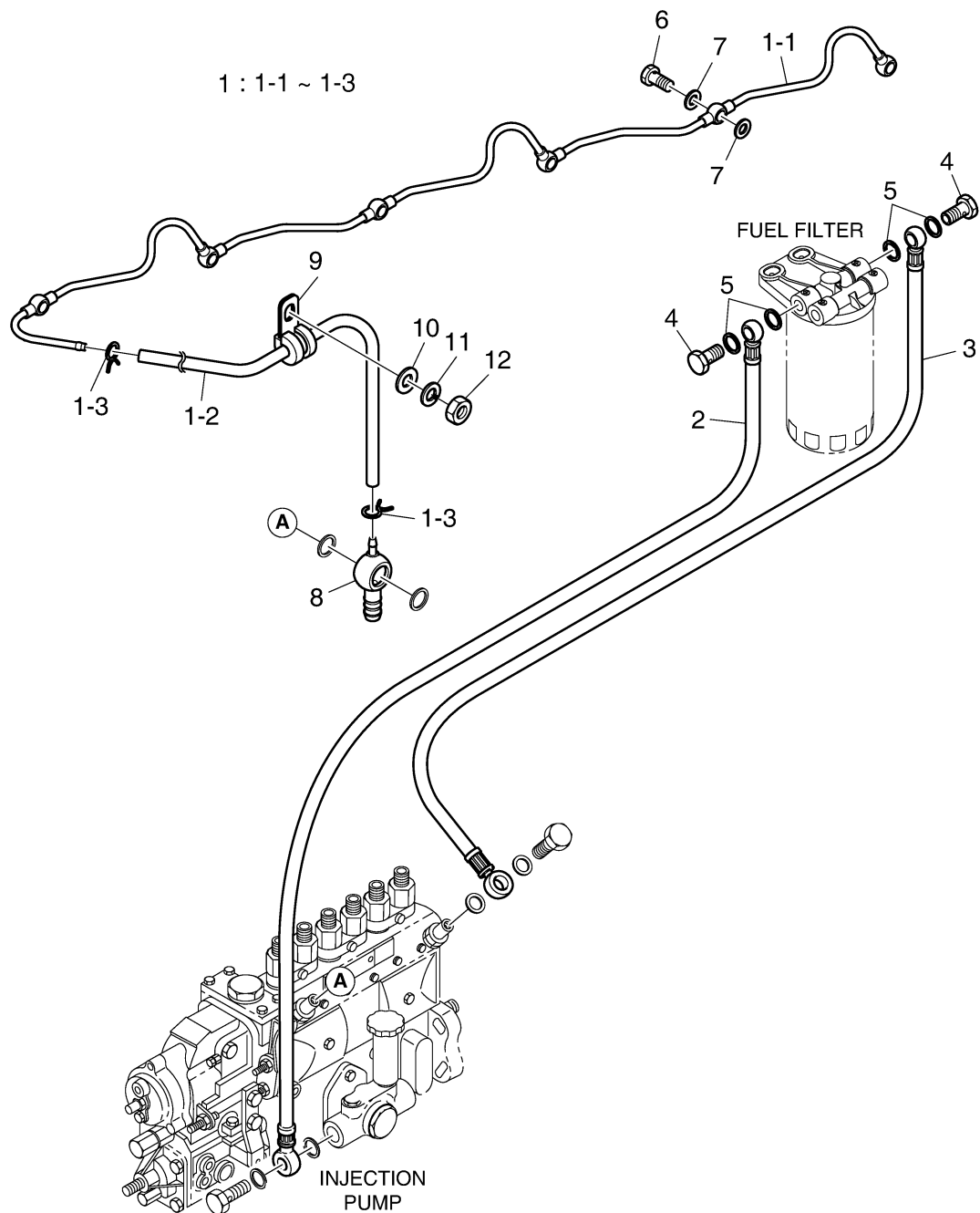
ENGINE CONTROL



ENGINE CONTROL

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686751	I		VALVE ASSY,SOLENOID	1		~ 20140206
1	NAP			VALVE ASSY, SOLENOID	1		20140207 ~
2	46683287			BOLT;HEX M6X12	4		
3	46685161			BRACKET,SOLENOID	1		
4	46682887			CABLE;ENGINE STOP	1		
5	46682781			PIN	1		
6	46682378			WASHER;PLAIN	1		
7	46682739			RING,SNAP	1		

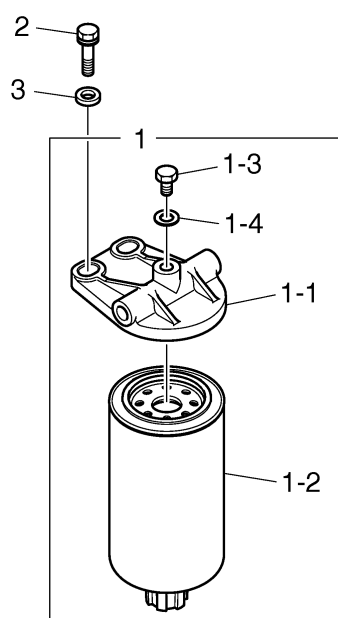
FUEL LINE



FUEL LINE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685027			PIPE ASSY	1		
1-1	46686708			PIPE;FUEL	1		
1-2	46687263			TUBE;FUEL OVER FLOW	1		
1-3	46687427			CLAMP;SPRING	2		
2	46685163			HOSE,FUEL	1		
3	46685166			HOSE,FUEL	1		
4	46682758			SCREW;HOLLOW	2		
5	46682964			RING;SEAL	4		
6	46687561			SCREW;HOLLOW	6		~ 20131009
6	NAP			SCREW,HOLLOW	6		20131010 ~
7	NAP			RING;SEAL A8X12	12		~ 20131009
7	NAP			SEALRING	12		20131010 ~
8	46687521			DOUBLE BANJO UNION	1		
9	46687420			CLIP;PIPE	1		
10	46682379			WASHER	1		
11	46682729			WASHER	1		
12	46682374			NUT	1		

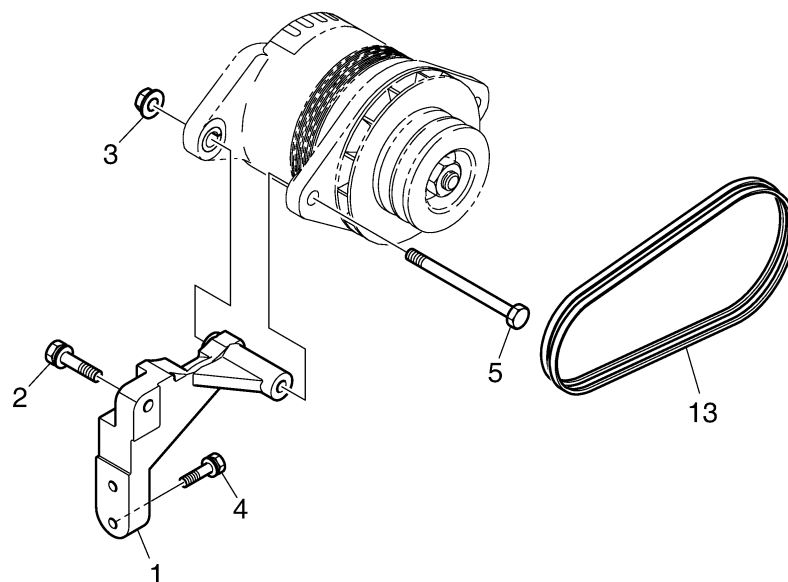
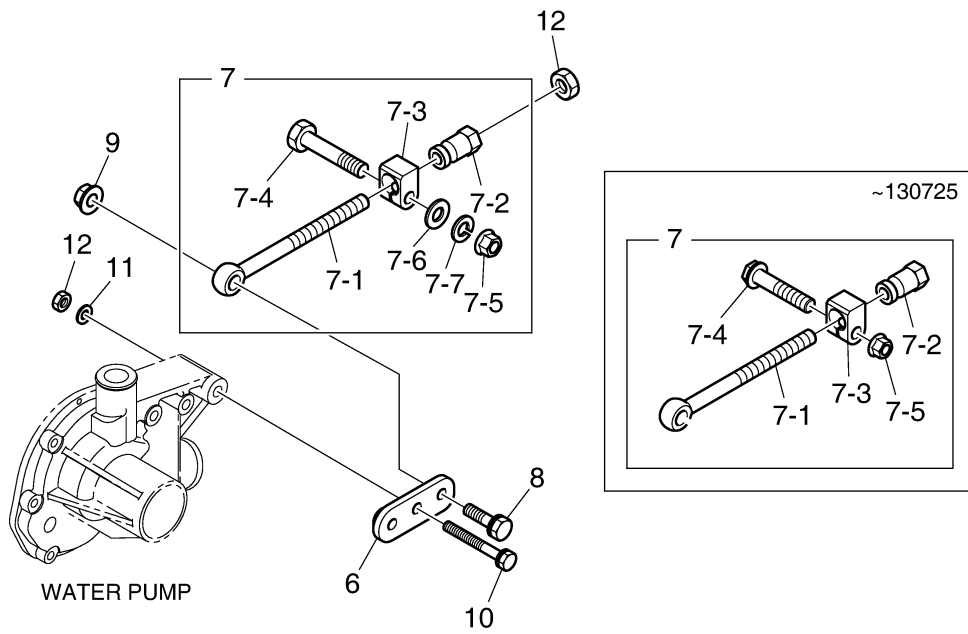
FUEL FILTER



FUEL FILTER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684859			FUEL FILTER ASS`Y	1		~ 20140527
1	46684859			FILTER ASSY,FUEL	1		20140528 ~
1-1	46686718			HEAD;FUEL FILTER	1		
1-2	46686715			ELEMENT;E/G FUEL FILTER	1		~ 20140527
1-2	46686717			ELEMENT,FUEL FILTER;CARTRDGE	1		20140528 ~
1-3	46687043			SCREW;PLUG	1		
1-4	46684359			RING;SEAL	1		
2	46682044			BOLT ASS`Y M10X35	2		
3	46687071			WASHER	2		

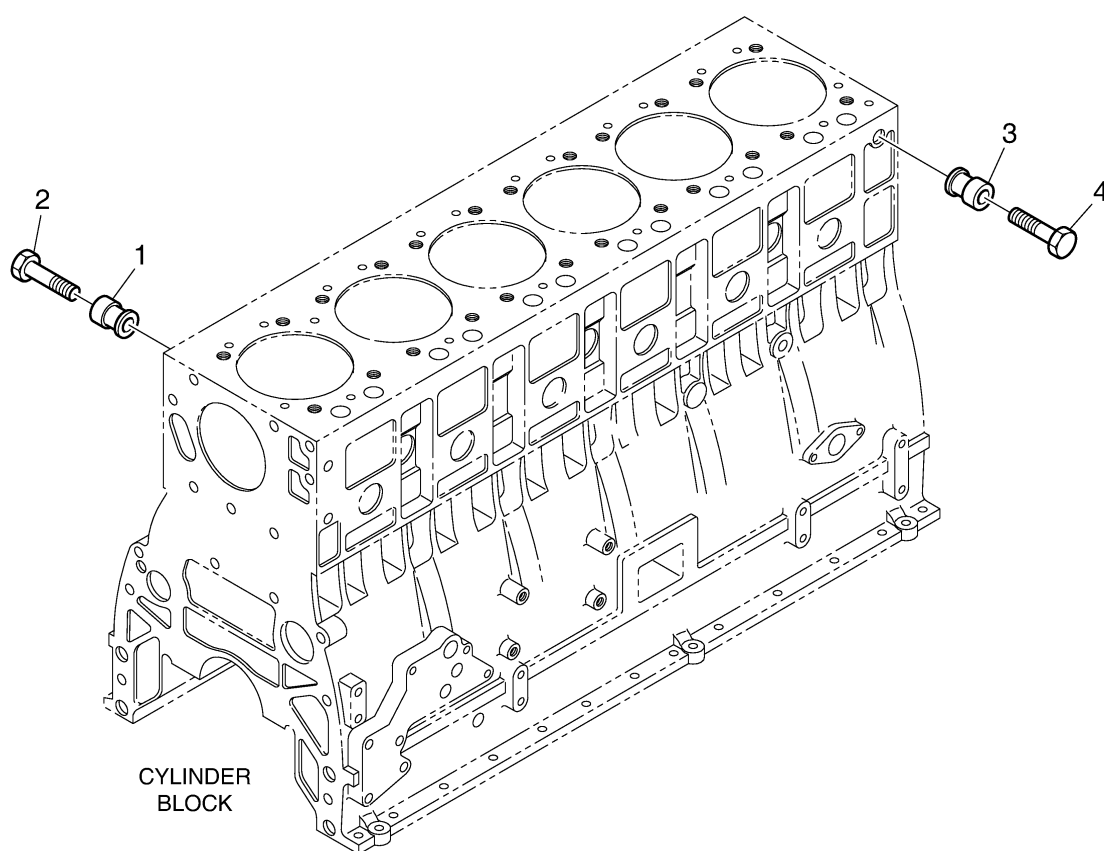
ALTERNATOR MOUNTING



ALTERNATOR MOUNTING

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46686732		BRACKET;ALTERNATOR MOUNTING	1		
2	46683583		BOLT ASS'Y M12X45	1		
3	46682941		NUT;HEX M12X1.5	1		
4	46683309		BOLT ASS'Y M10	2		
5	46682761		BOLT,COLLARED HEX	1		
6	46686734		BRACKET,ALTERNATOR SUPPORT;EYE	1		~ 20150117
6	NAP		BRACKET,ALTERNATOR SUPPORT	1		20150118 ~
7	46684536	I	BOLT ASSY,EYE	1		~ 20130725
7	NAP		BOLT ASSY,EYE	1		20130726 ~
7-1	46684553		BOLT,SPACER	1		
7-2	46687059		NUT,SLOTTED	1		
7-3	46686739		PIECE,GUIDE	1		
7-4	46684543		BOLT,COLLARED HEX	1		~ 20130725
7-4	NAP		BOLT,HEX	1		20130726 ~
7-5	46684621		NUT,FLANGE	1		
7-6	46682724		WASHER;PLAIN	1		20130726 ~
7-7	46682730		WASHER;SPRING	1		20130726 ~
8	46683583		BOLT ASS'Y M12X45	1		
9	46682941		NUT;HEX M12X1.5	1		
10	46683610		BOLT ASSY	1		
11	46682724		WASHER;PLAIN	1		
12	46682375		NUT;HEX. M10	1		
13	46687391		BELT,V; COMPRESSOR COG TYPE	1		

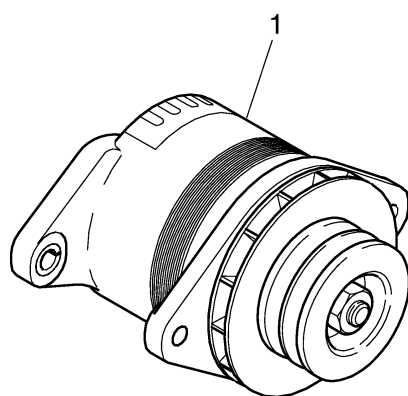
ENGINE LIFTING



ENGINE LIFTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46687207			SPACER	1		
2	46683197			BOLT;HEX M16X60	1		
3	46687207			SPACER	1		
4	46683197			BOLT;HEX M16X60	1		

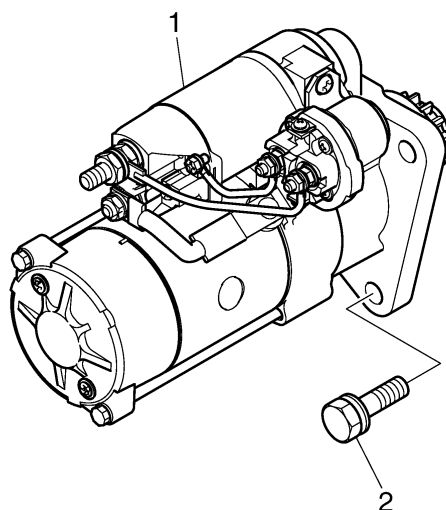
ALTERNATOR



ALTERNATOR

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686753			ALTERNATOR	1		

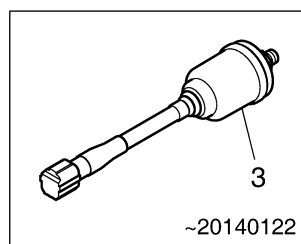
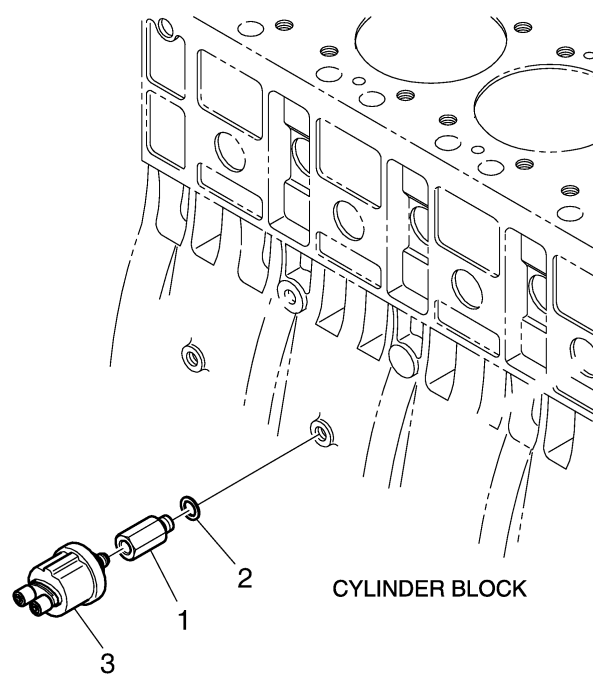
STARTER



STARTER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686755			STARTER	1		
2	46683842			BOLT ASS'Y M12X1.5X35	3		

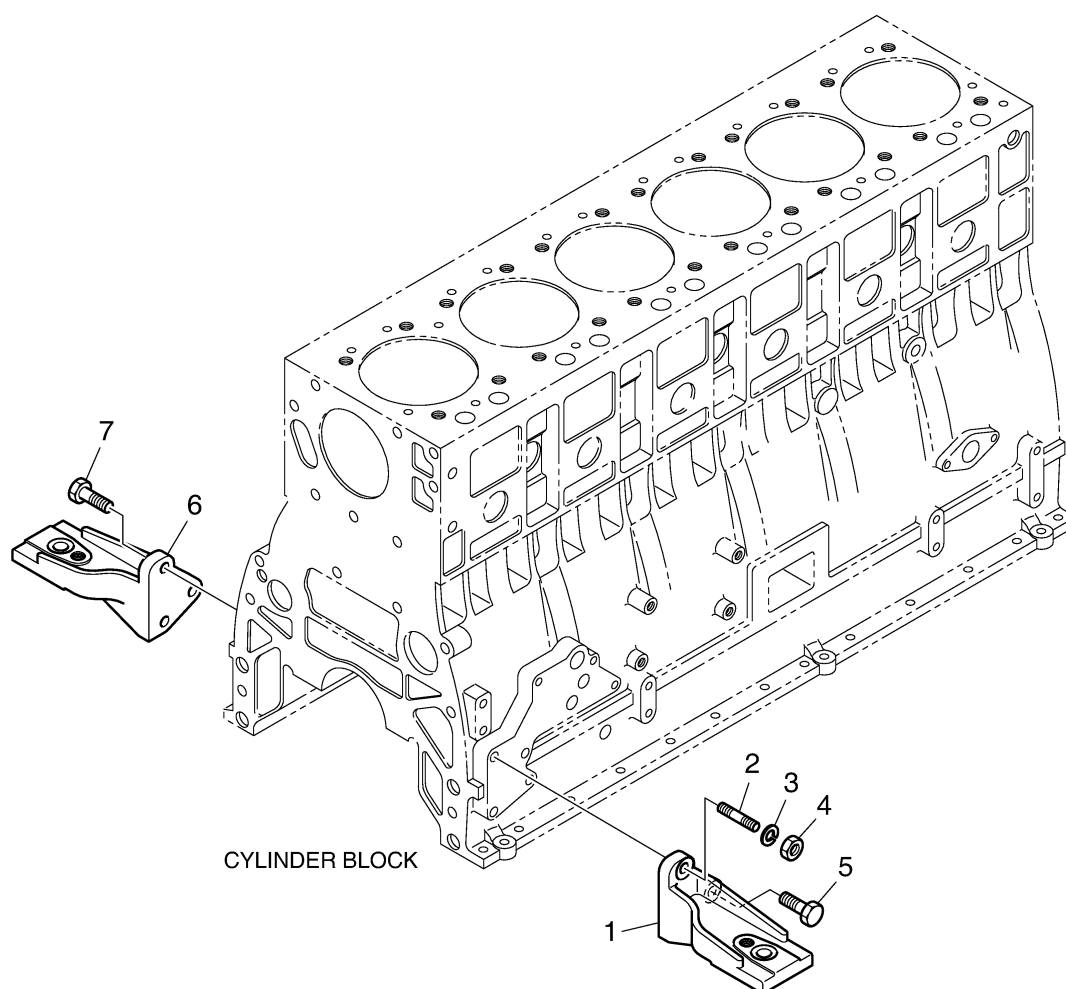
SWITCH&SENSOR



SWITCH&SENSOR

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			ADAPTER	1		
2	46682748			RING;SEAL	1		
3	46684855			SENSOR,OIL PRESSURE	1		~ 20140122
3	46695054			SWITCH,OIL PRESSURE	1		20140123 ~

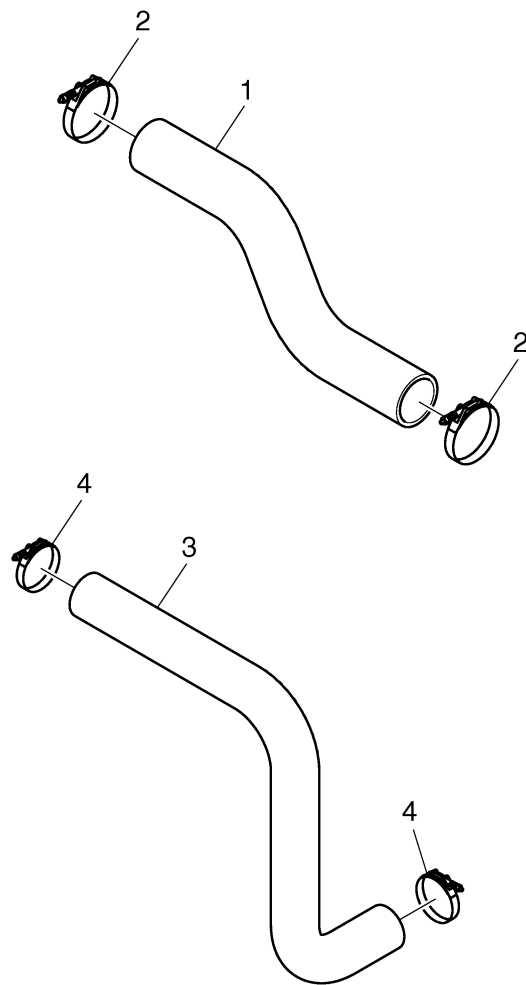
ENGINE MOUNTING



ENGINE MOUNTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686777			BRACKET,ENGINE MOUNTING;ENGINE F	1		
2	46686915			BOLT,STUD	1		
3	46684257			WASHER;SPRING	1		
4	46684239			NUT;HEX. M12X1.5	1		
5	46686872			BOLT;HEX.	2		
6	46686776			BRACKET,ENGINE MOUNTING;ENGINE F	1		
7	46686872			BOLT;HEX.	3		

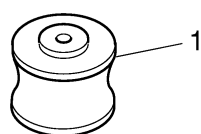
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46687258			HOSE,RUBBER;D1146/T	1		
2	46682756			CLAMP;HOSE	2		
3	46685020			HOSE,COOLING WATER	1		
4	46684377			CLAMP;HOSE	2		

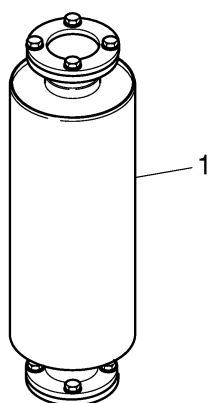
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682955			BUSHING,RUBBER	2		

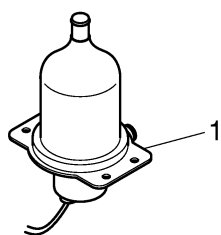
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			SILENCER	1		

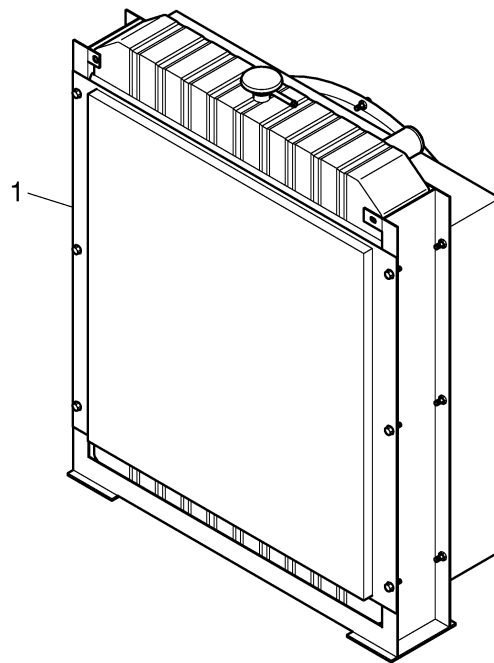
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682864			HEATER;FOR COOLING WATER	1		

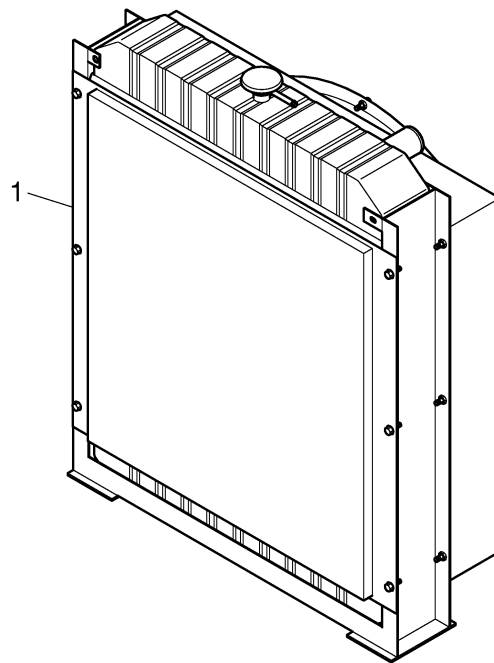
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685137			RADIATOR ASSY	1		

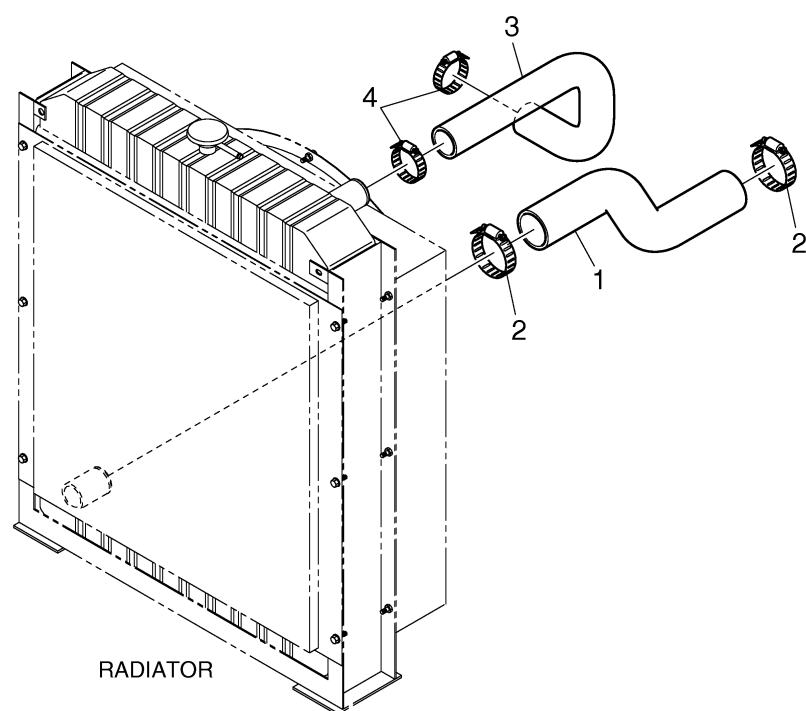
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685138			RADIATOR ASSY	1		

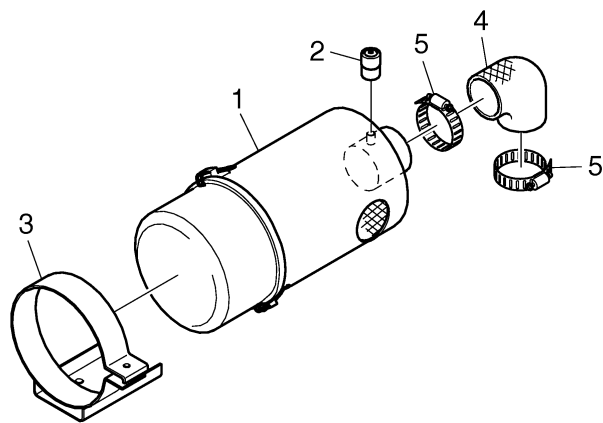
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46687258			HOSE,RUBBER;D1146/T	1		
2	46682756			CLAMP;HOSE	2		
3	46687260			HOSE,RUBBER;FOR RADIATOR	1		
4	46684377			CLAMP;HOSE	2		

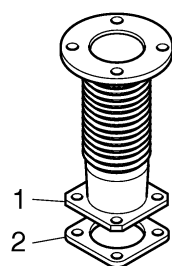
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684920			CLEANER ASSY,AIR	1		
2	46682058			INDICATOR;SERVICE	1		
3	46686307			BAND,AIR CLEANER;AIR CLEANER	1		
4	46699119			HOSE,AIR;D1146	1		
5	46684381			CLAMP;HOSE	2		

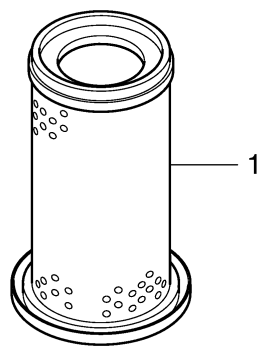
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686725			BELLOWS;D1146	1		
2	46682969			GASKET	1		

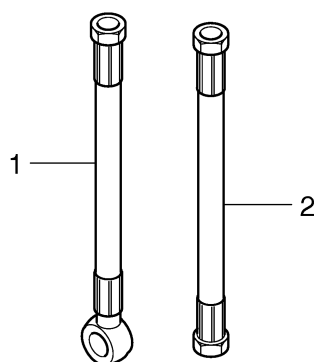
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686301			ELEMENT,AIR CLEANER	1		

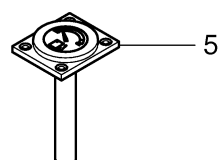
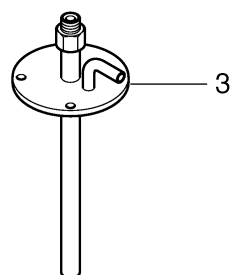
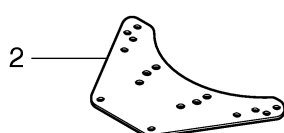
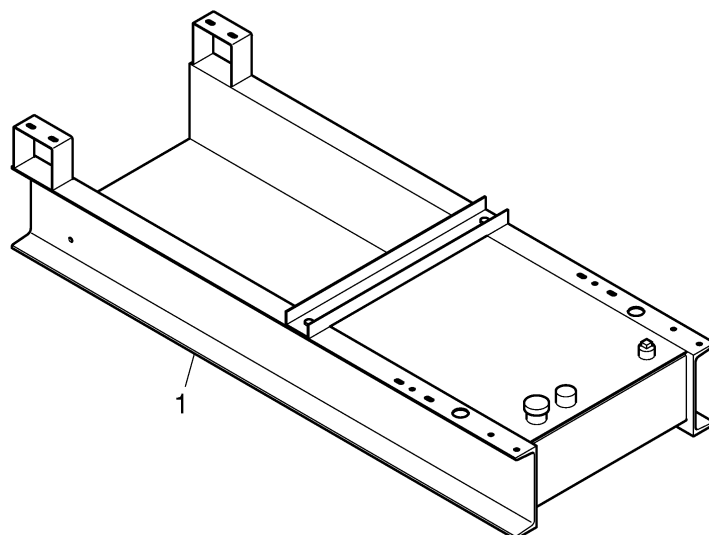
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46690638			TUBE	1		
2	NAP			HOSE,FUEL	1		

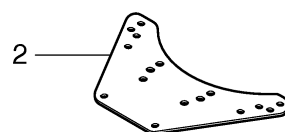
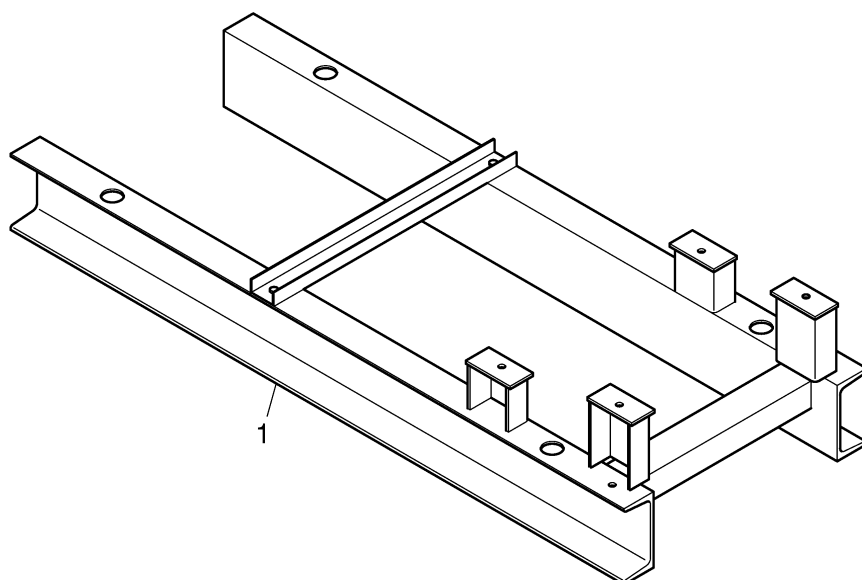
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			FRAME;D1146/T	1	NS	
2	46682909			BRACKET	1		
3	46696705			PIPE,FUEL	1		
4	46686713			FILTER,FUEL STRAINER	1		
5	46682846			GAUGE,OIL LEVEL	1		

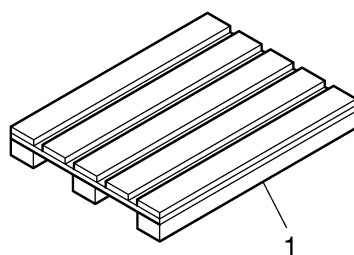
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			FRAME,BED;WITHOUT FUEL TANK	1	NS	
2	46682909			BRACKET	1		

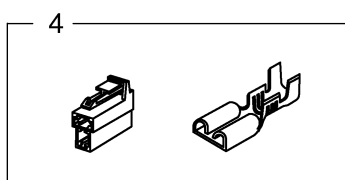
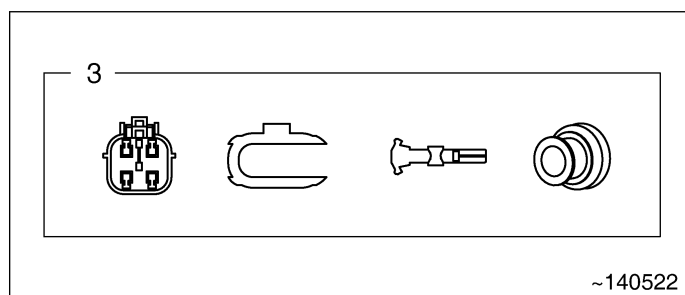
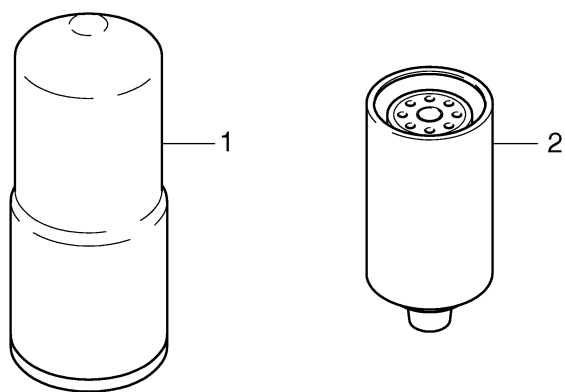
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			PALLET;D1146/T	1	NS	

SPARE PART



SPARE PART

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685860			CARTRIDGE,OIL FILTER	1		~ 20141111
1	46684927			CARTRIDGE,OIL FILTER	1		20141112 ~
2	46686715			ELEMENT;E/G FUEL FILTER	1		~ 20140527
2	46686717			ELEMENT,FUEL FILTER;CARTRDGE	1		20140528 ~
3	46686764			CONNECTER;OIL PRESSURE SENSOR	1		~ 20140522
4	46682905			CONNECTER;ALTERNATOR	1		



Portable Power