

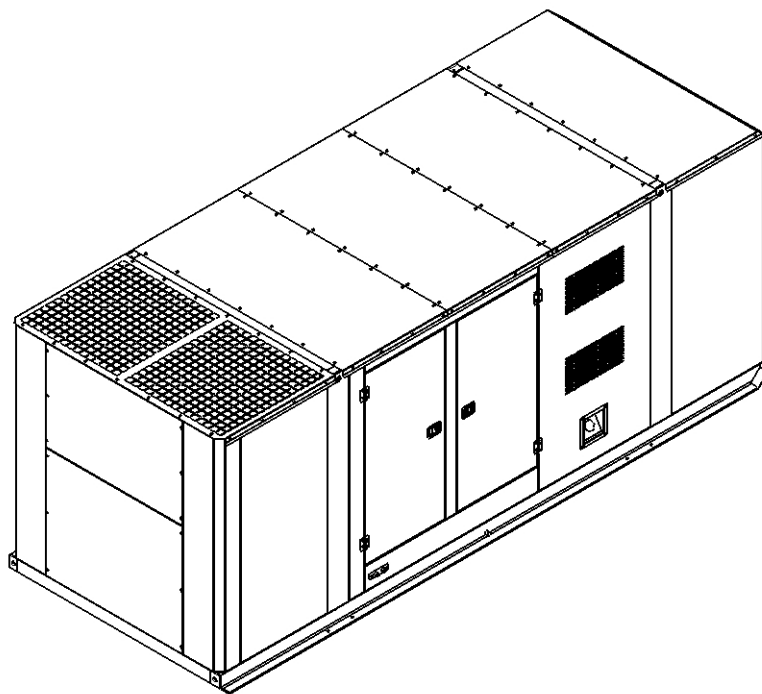


Portable Power

G60XW/XF-50Hz - G65XW/XF-60Hz

PARTS MANUAL

SERIAL No : G60XWNCE50001->, G60XFNCE50001->, G65XWNCE60001->, G65XFNCE60001->





Portable Power

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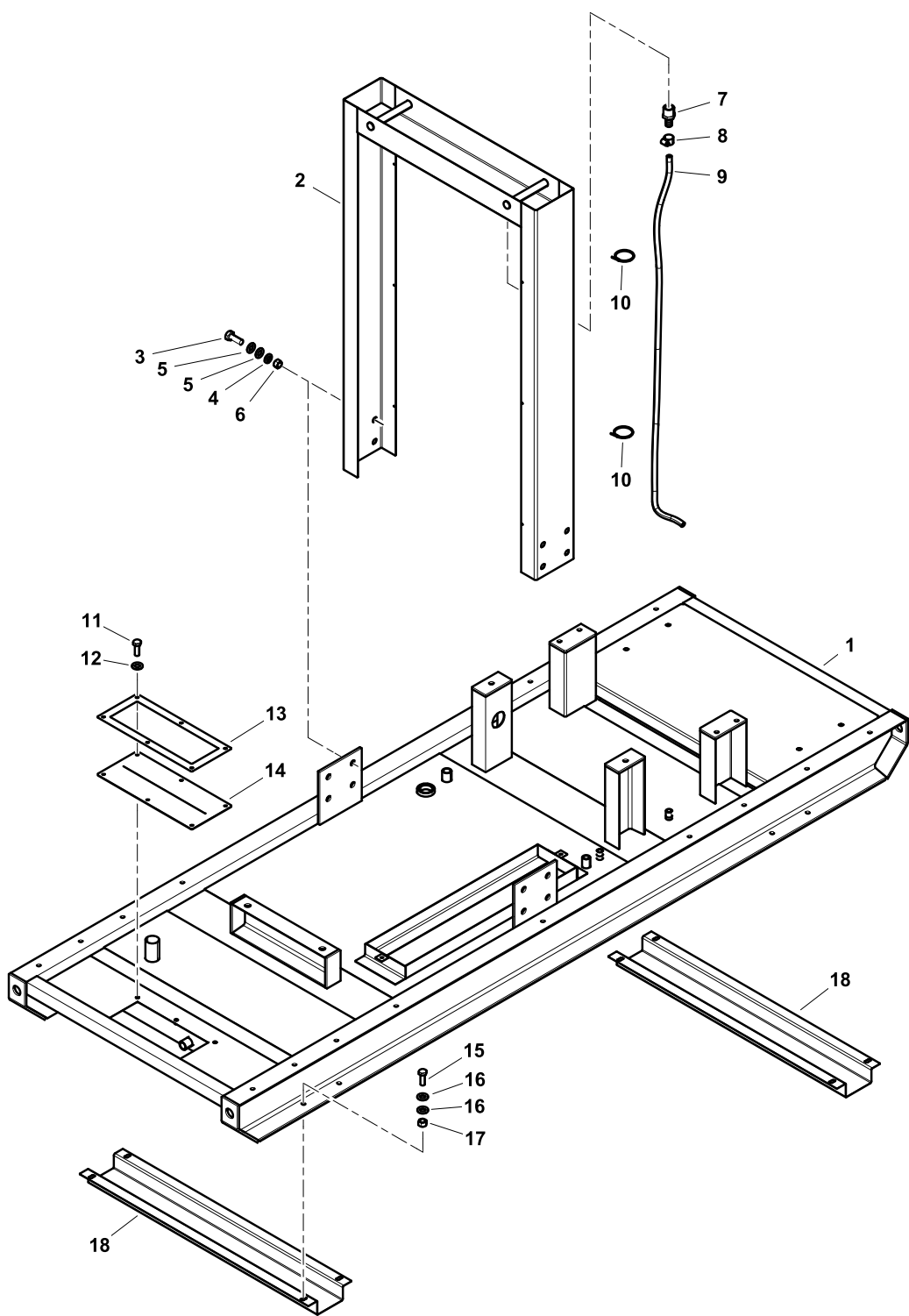
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G60XW/XF-50Hz - G65XW/XF-60Hz_46693721_ B_11/16

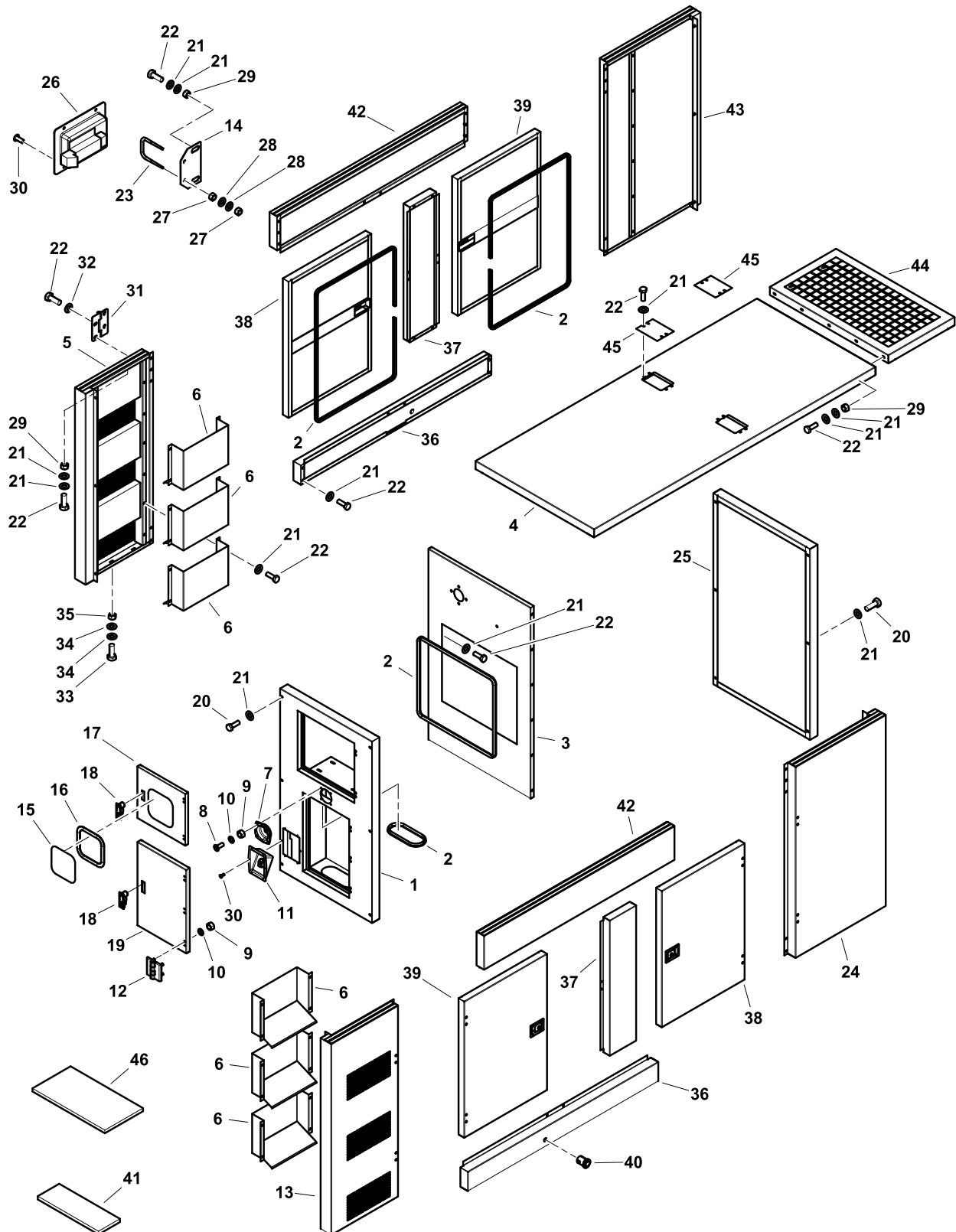
MAIN FRAME



MAIN FRAME

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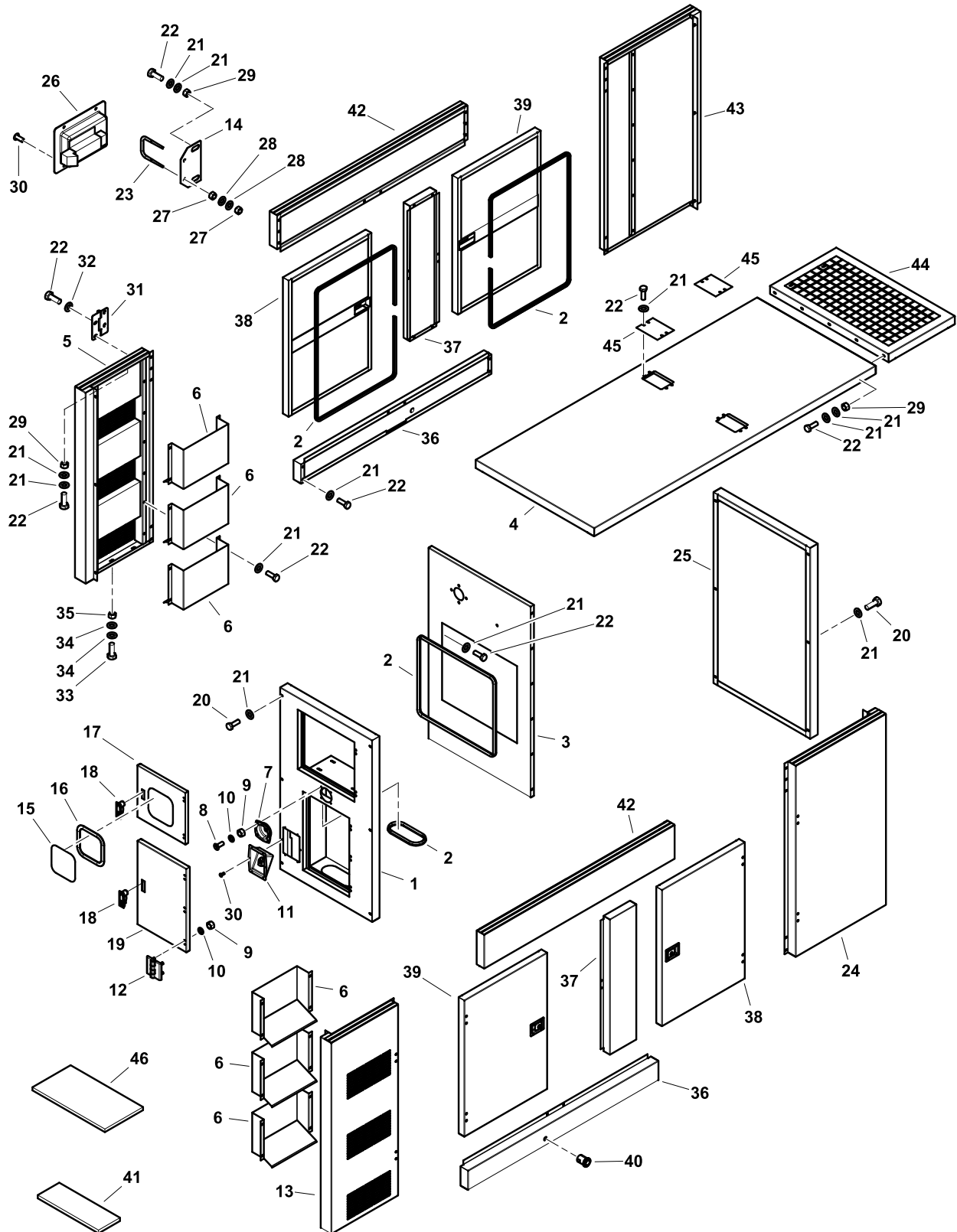
ENCLOSURE



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

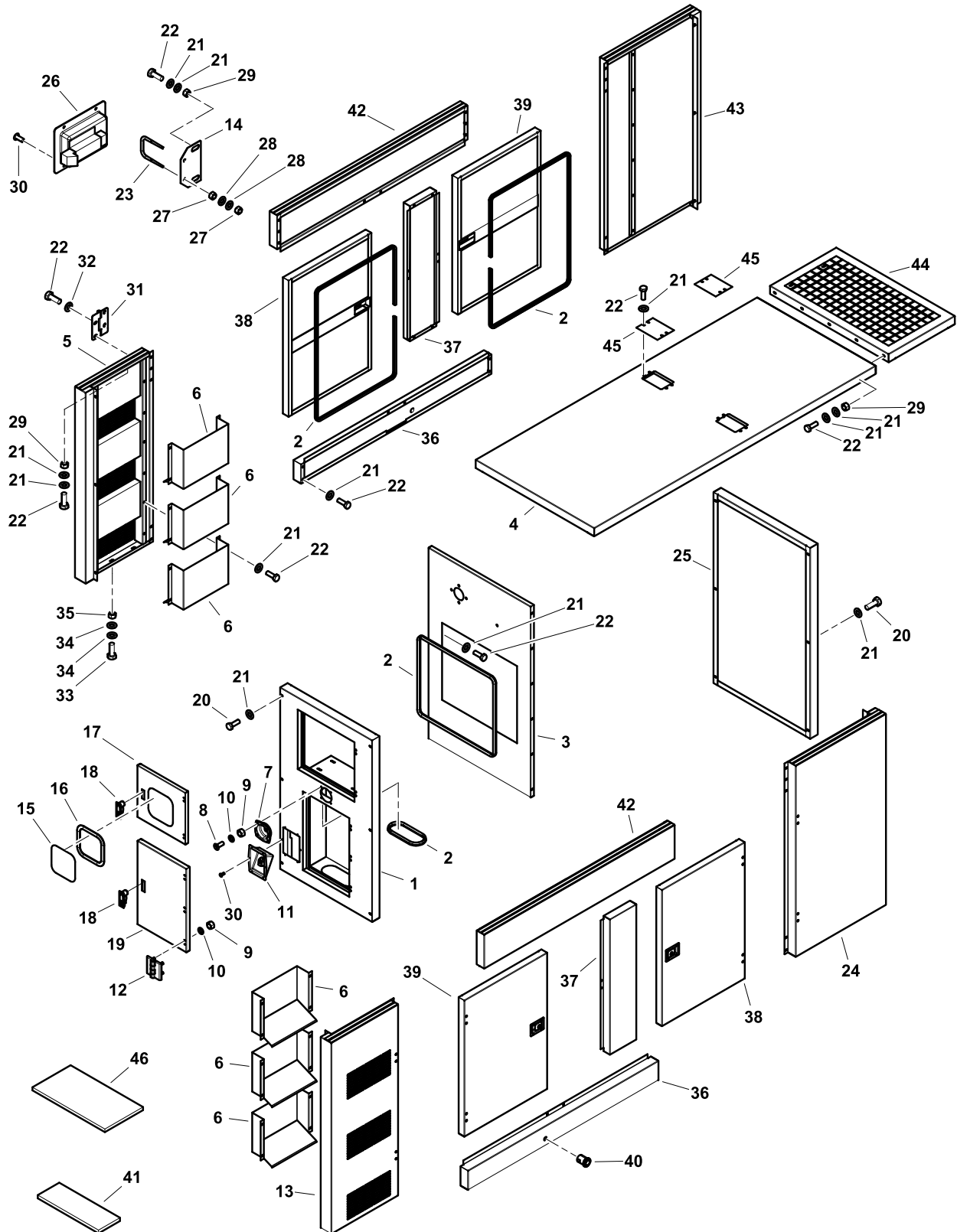
ENCLOSURE



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

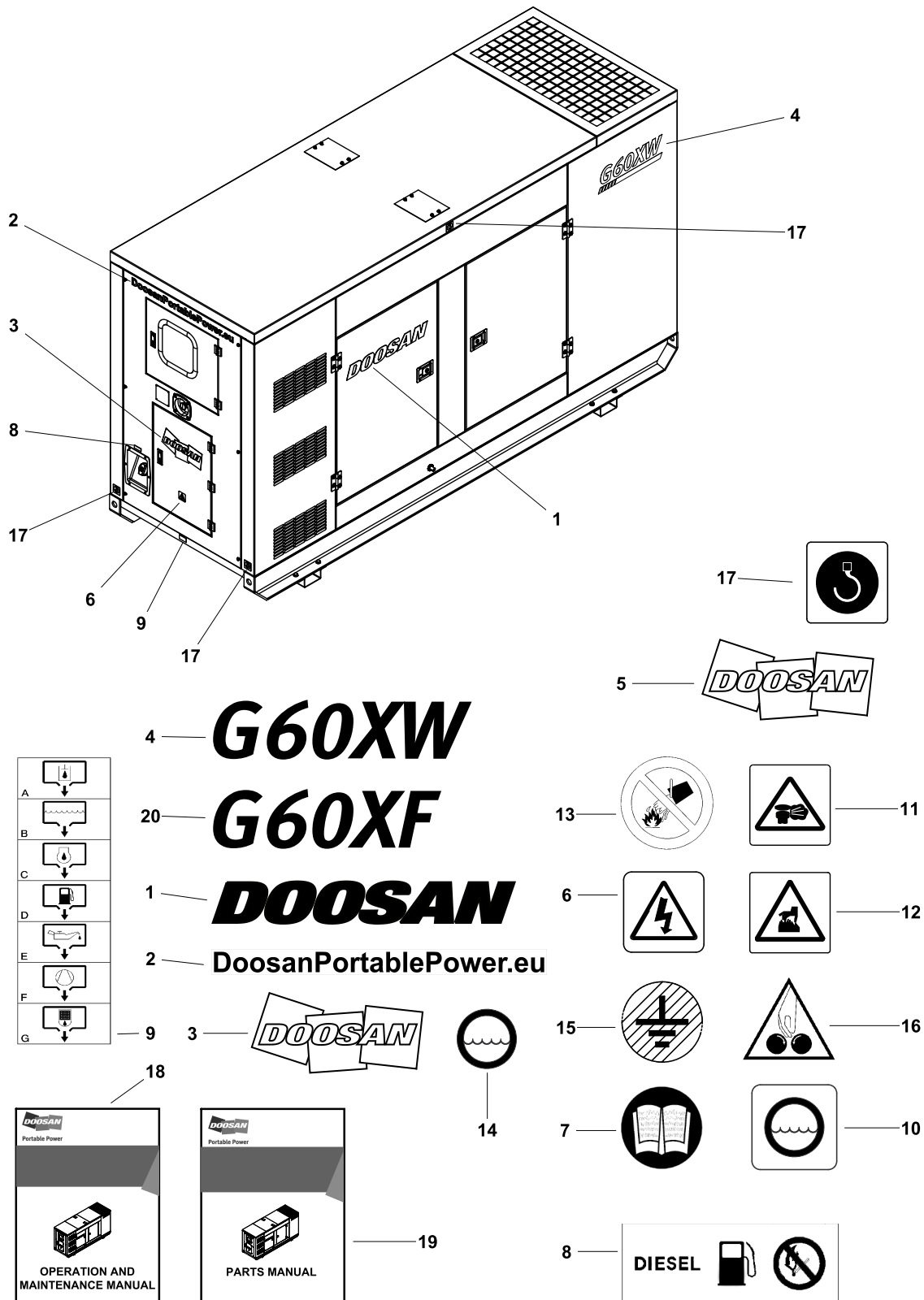
ENCLOSURE



ENCLOSURE

[illegible]

DECALS AND DOCUMENTATION (G60)



DECALS AND DOCUMENTATION (G60)	
1	DECALS AND DOCUMENTATION (G60)

[illegible]

DECALS AND DOCUMENTATION
(G65)

1 — DOOSAN

2 — DoosanPortablePower.eu

3 — DOOSAN

4 — G65XW

5 — DOOSAN

6 — ⚡

7 — 📖

8 — DIESEL

9 — 🔌

10 — ⚡

11 — ⚠️

12 — ⚠️

13 — ⚡

14 — ⚡

15 — ⚡

16 — ⚠️

17 — 🔌

18 — OPERATION AND MAINTENANCE MANUAL

19 — PARTS MANUAL

20 — G65XF

A

B

C

D

E

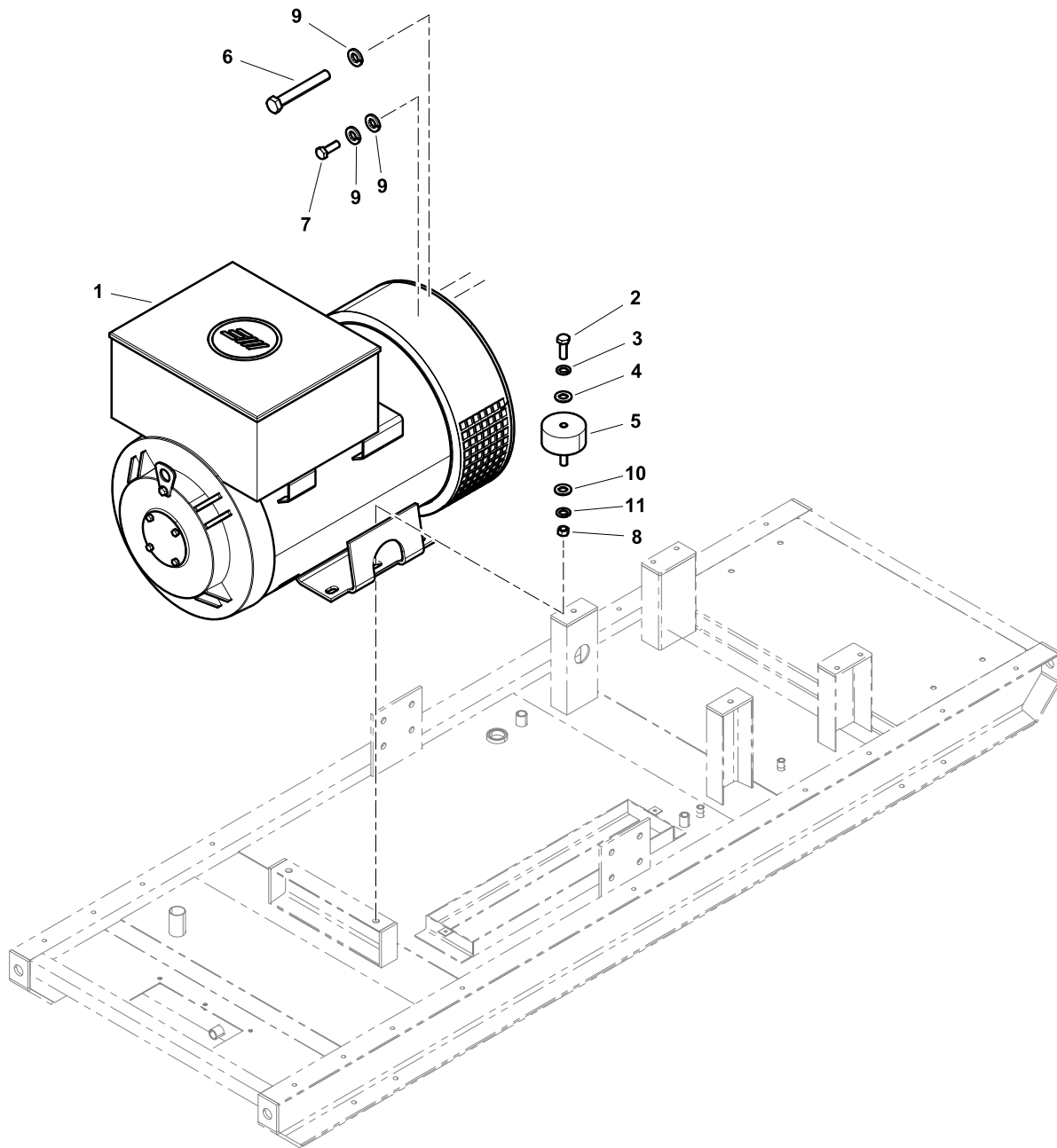
F

G

DECALS AND DOCUMENTATION (G65)	
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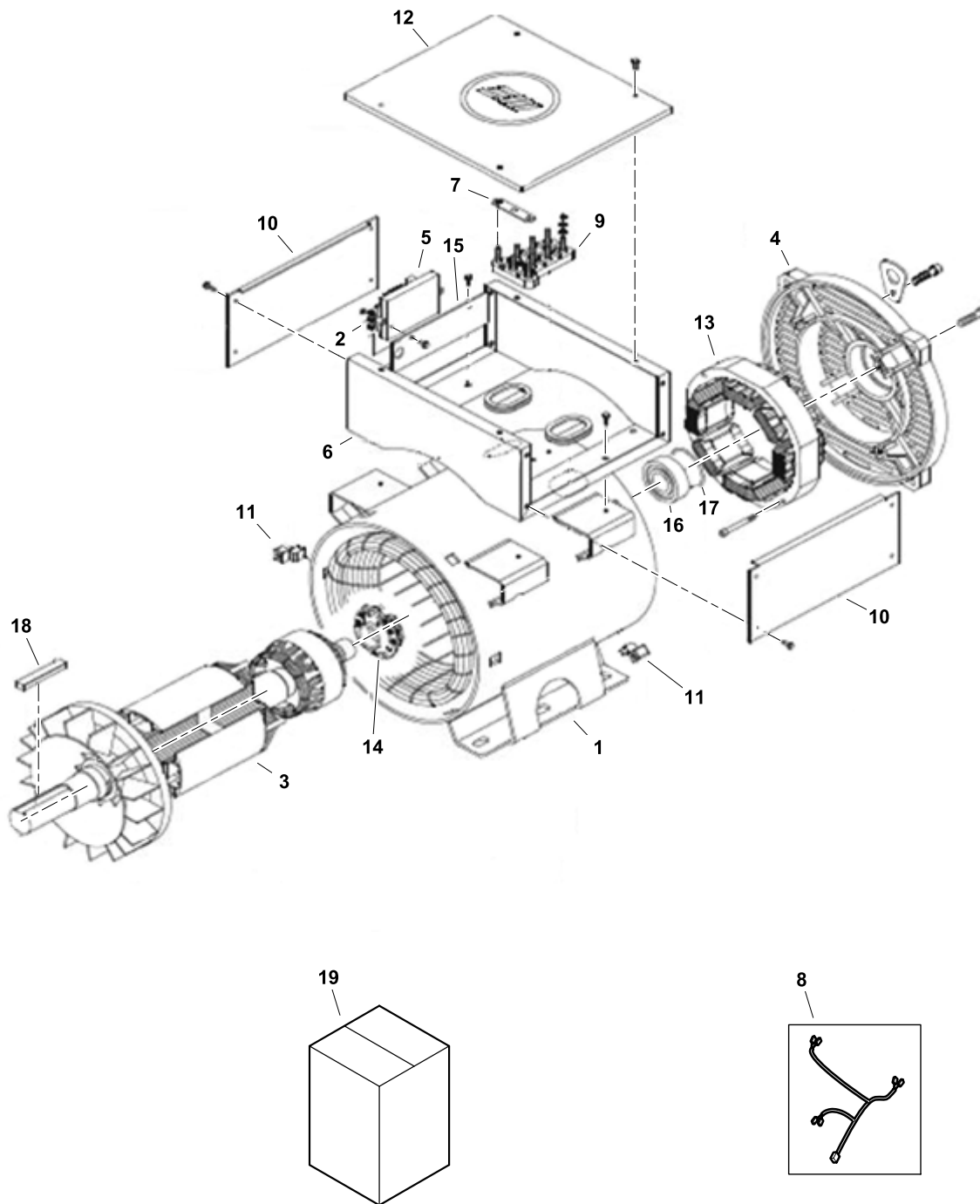
ALTERNATOR MOUNTING



ALTERNATOR MOUNTING

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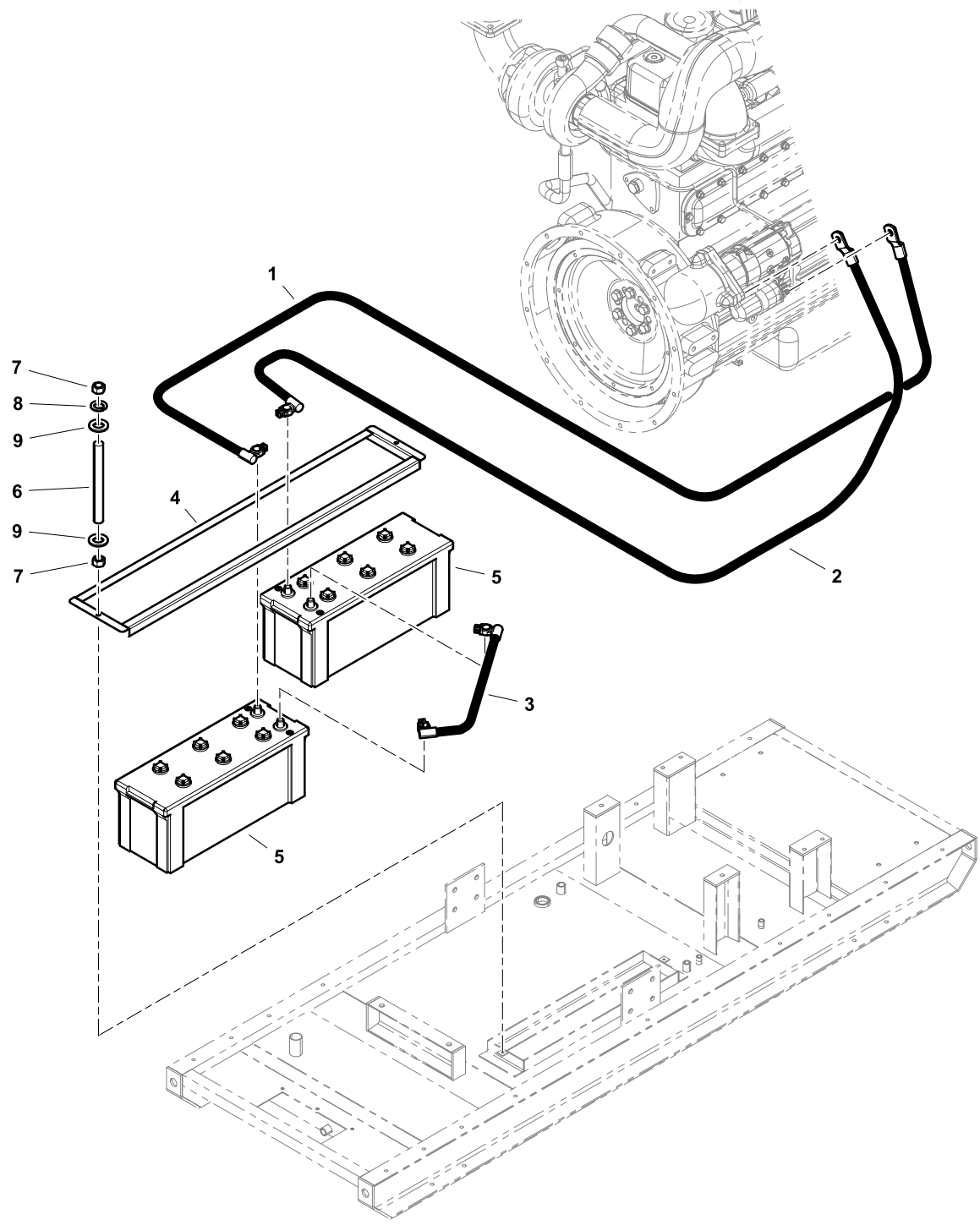
ALTERNATOR PARTS



ALTERNATOR PARTS	
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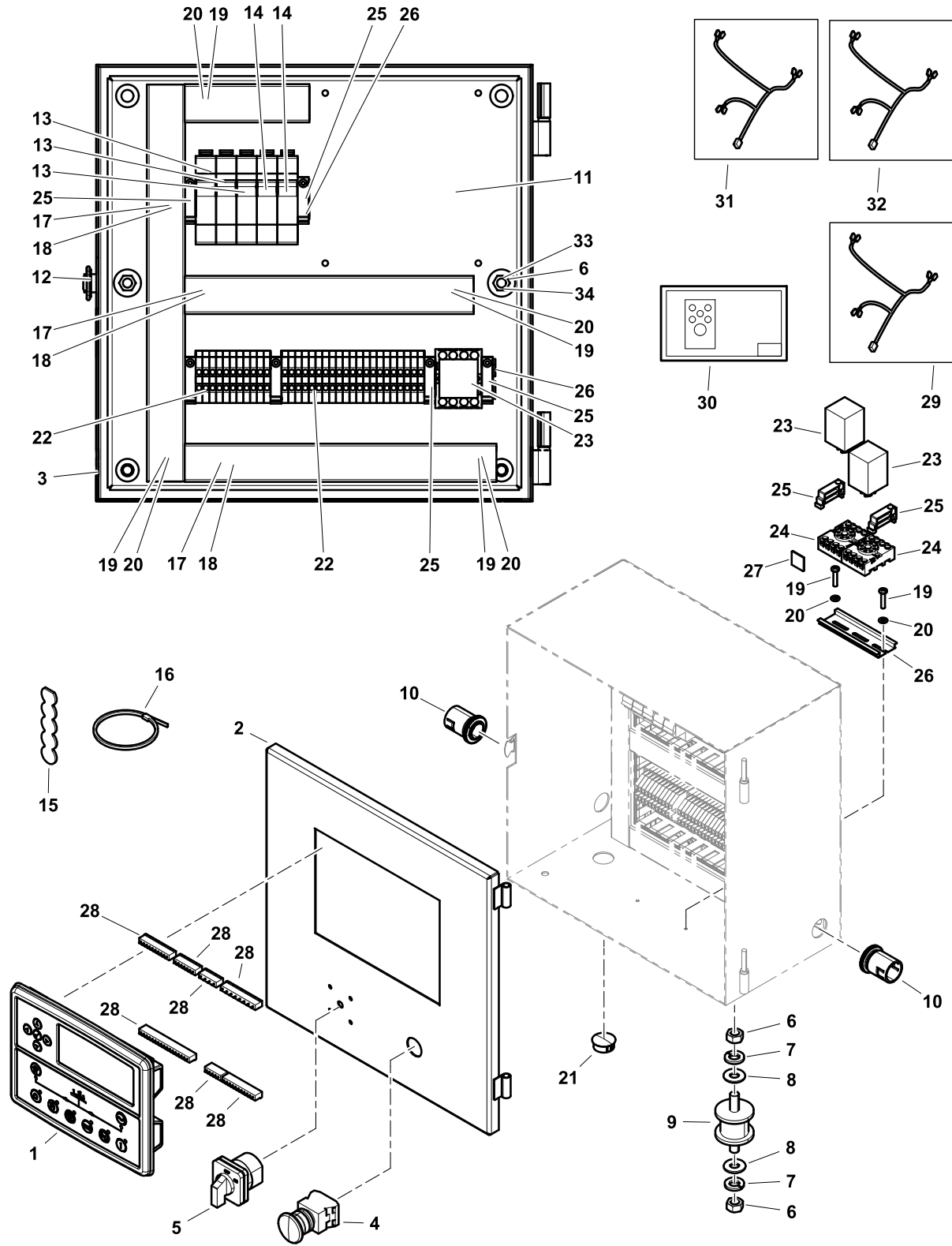
BATTERY



BATTERY	
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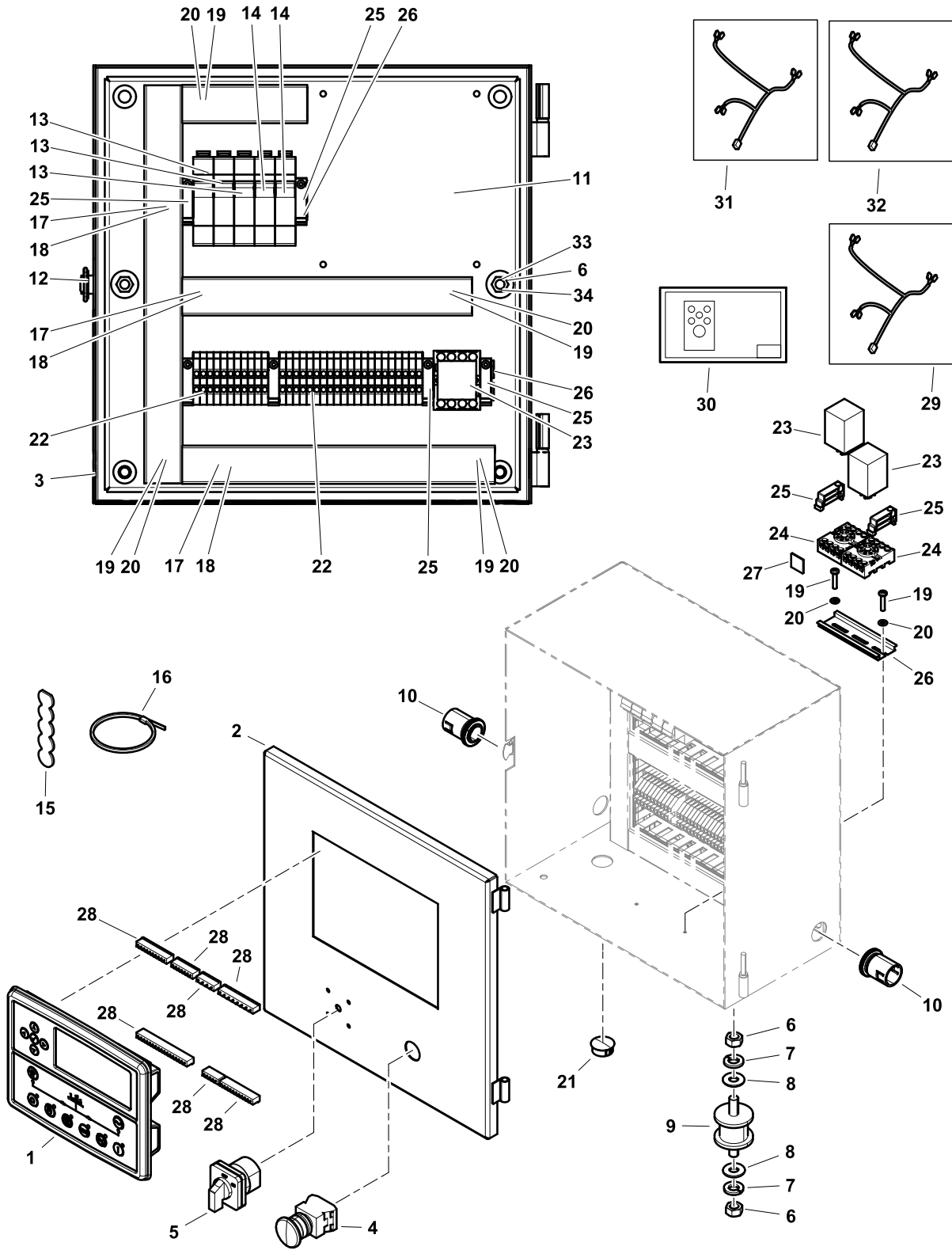
CONTROL PANEL



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	46678242	PANEL			1
12	46678241	LATCH, CONTROL PANEL			1
13	46679963	BREAKER, 6A	1 POLE		3
14	46679570	BREAKER, 20A	1 POLE		2
15	46679591	CLAMP			8
16	92281427	TIE, CABLE			6
17	46679566	COVER, DIN RAIL			4
18	46679569	GUIDE, WIRE			4
19	96743653	SCREW			19
20	46555707	WASHER			19
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	CONTROLLER CONNECTORS	part of item 1		7
29	46679957	HARNESS, CONTROL PANEL			1
30	46693273	ELECTRICAL SCHEMATICS			1
31	46679955	HARNESS, ALTERNATOR			1

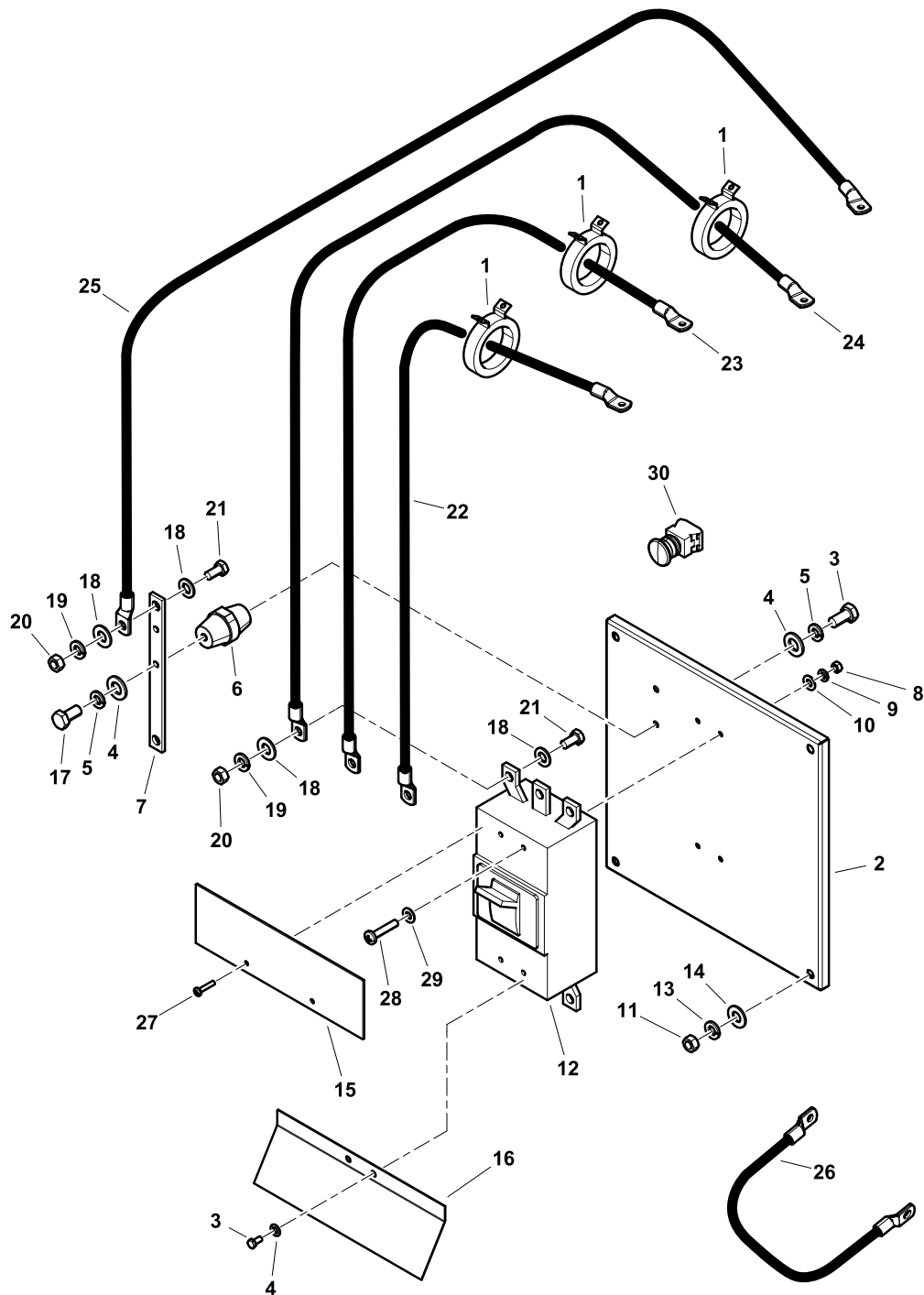
CONTROL PANEL



CONTROL PANEL

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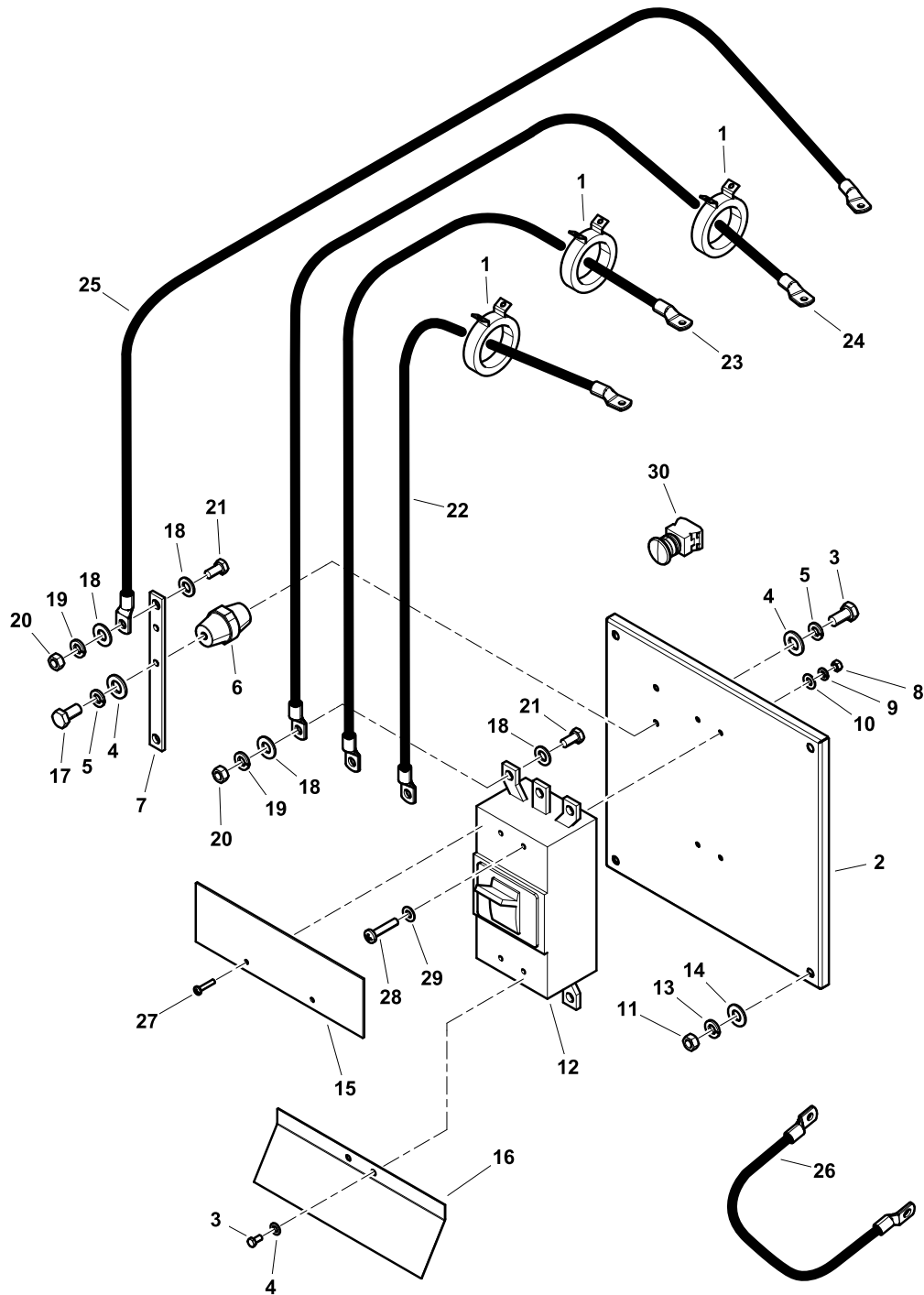
POWER PEDESTAL ASSEMBLY



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	46693989	CABLE, RED PHASE	XF, L1 - 290mm		1
23	46693272	CABLE, YELLOW PHASE	XW, L2 - 1035mm		1
23	46693990	CABLE, YELLOW PHASE	XF, L2 - 290mm		1
24	46693267	CABLE, BLUE PHASE	XW, L3 - 1055mm		1
24	46693991	CABLE, BLUE PHASE	XF, L3 - 290mm		1
25	46693274	CABLE, BLACK NEUTRAL	XW, N - 1055mm		1
25	46693992	CABLE, BLACK NEUTRAL	XF, N - 250mm		1
26	46679954	CABLE, GROUND			1
27	46668475	SCREW			2

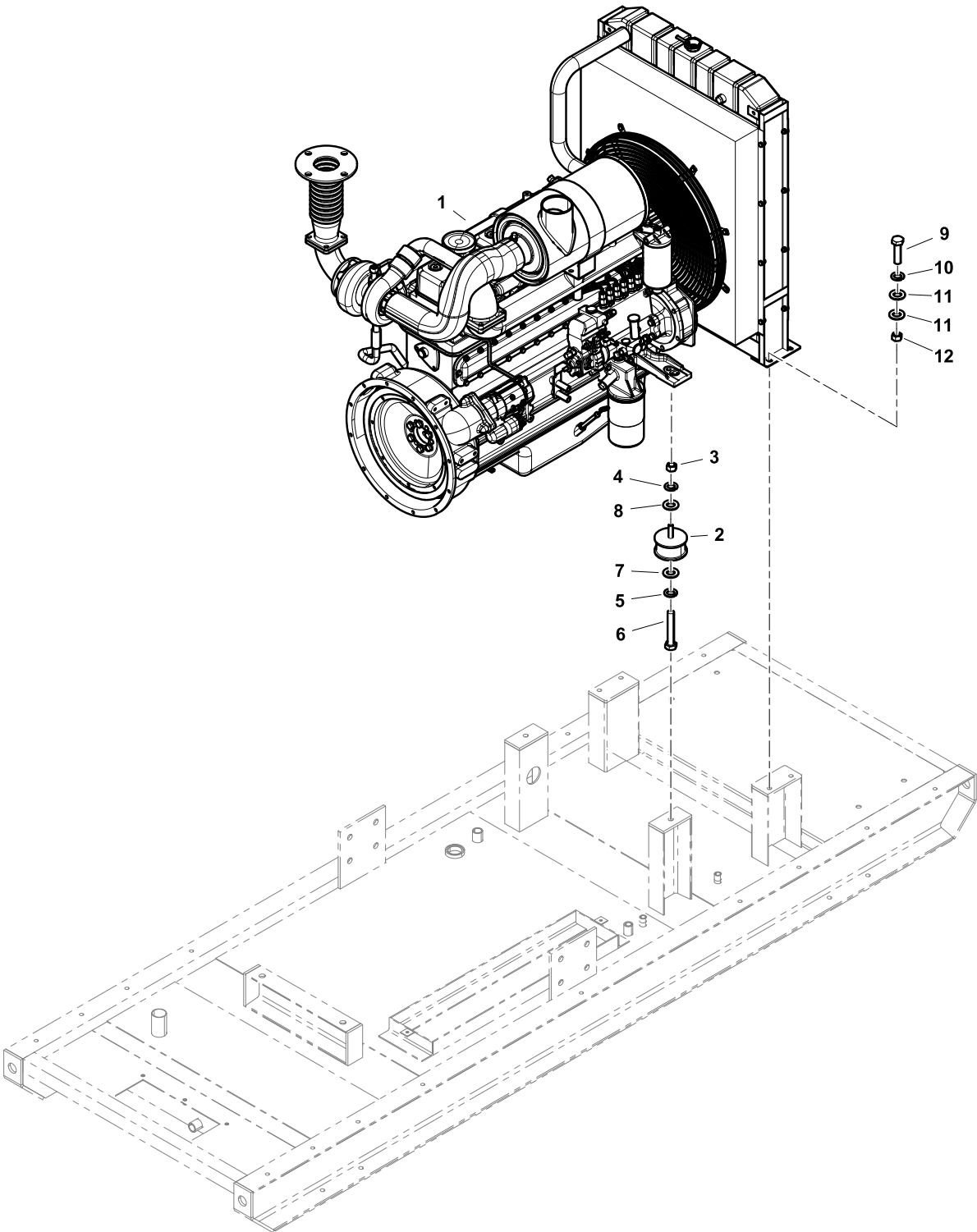
POWER PEDESTAL ASSEMBLY



POWER PEDESTAL ASSEMBLY

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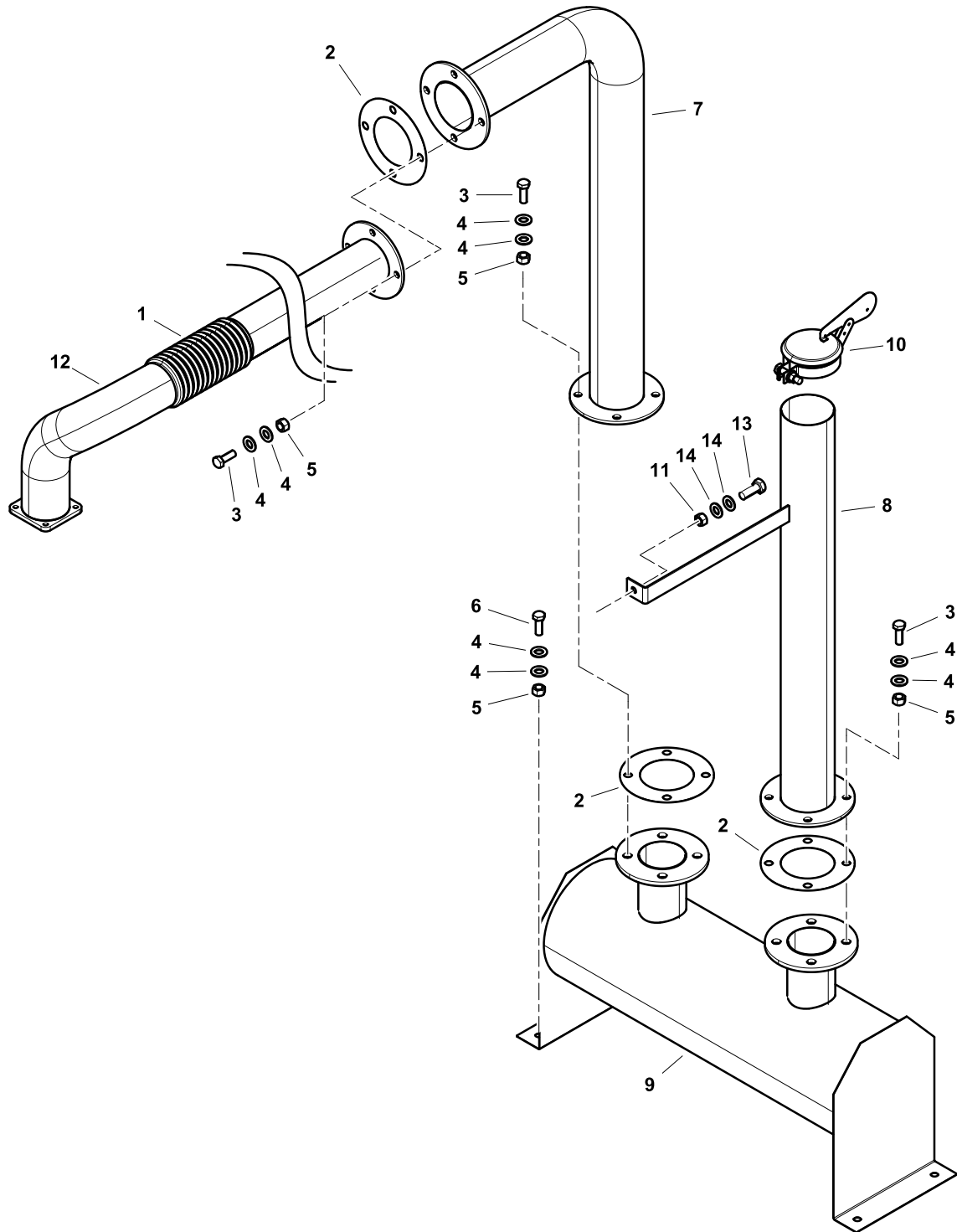
ENGINE ASSEMBLY



ENGINE ASSEMBLY

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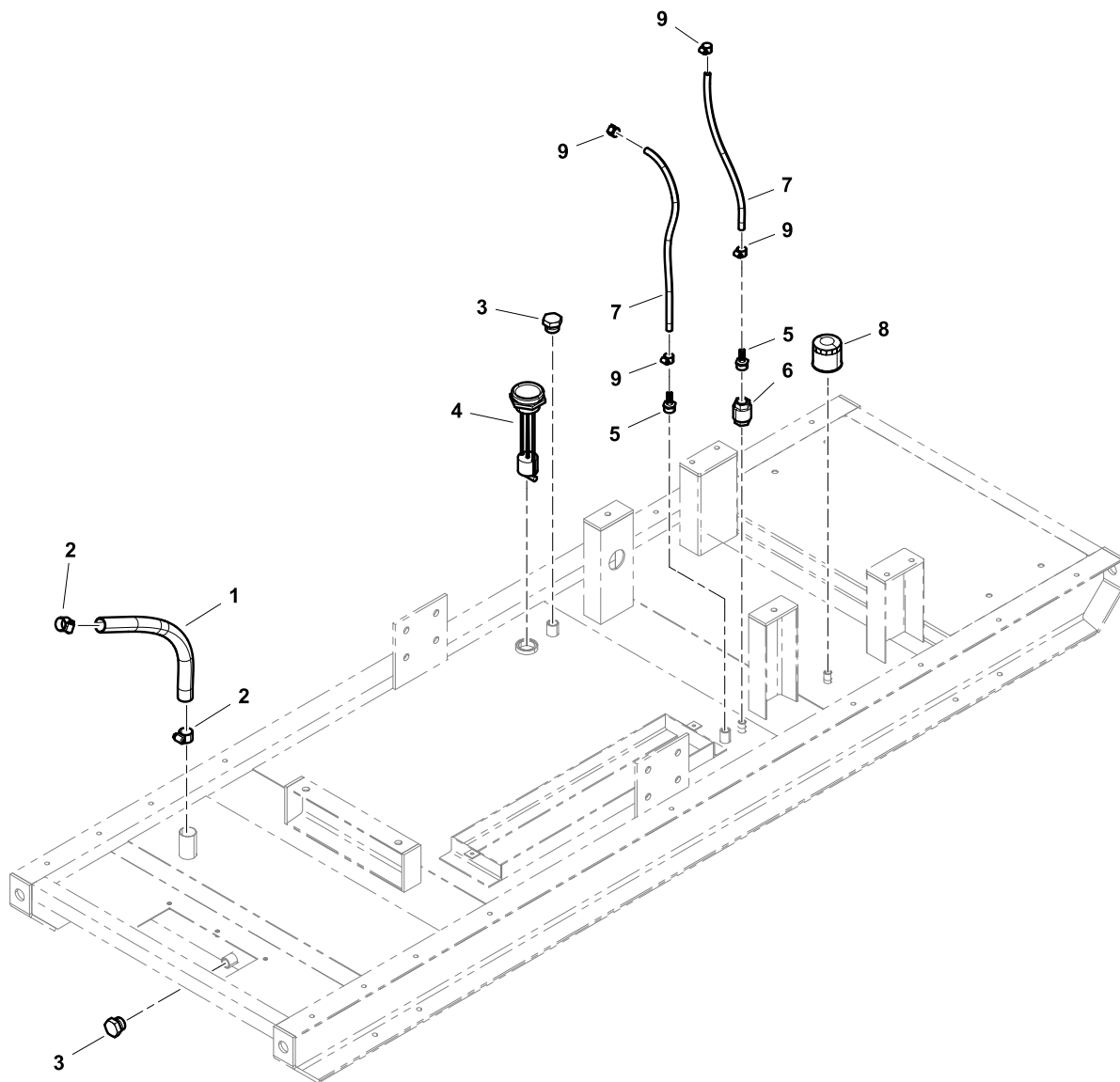
EXHAUST SYSTEM



EXHAUST SYSTEM	
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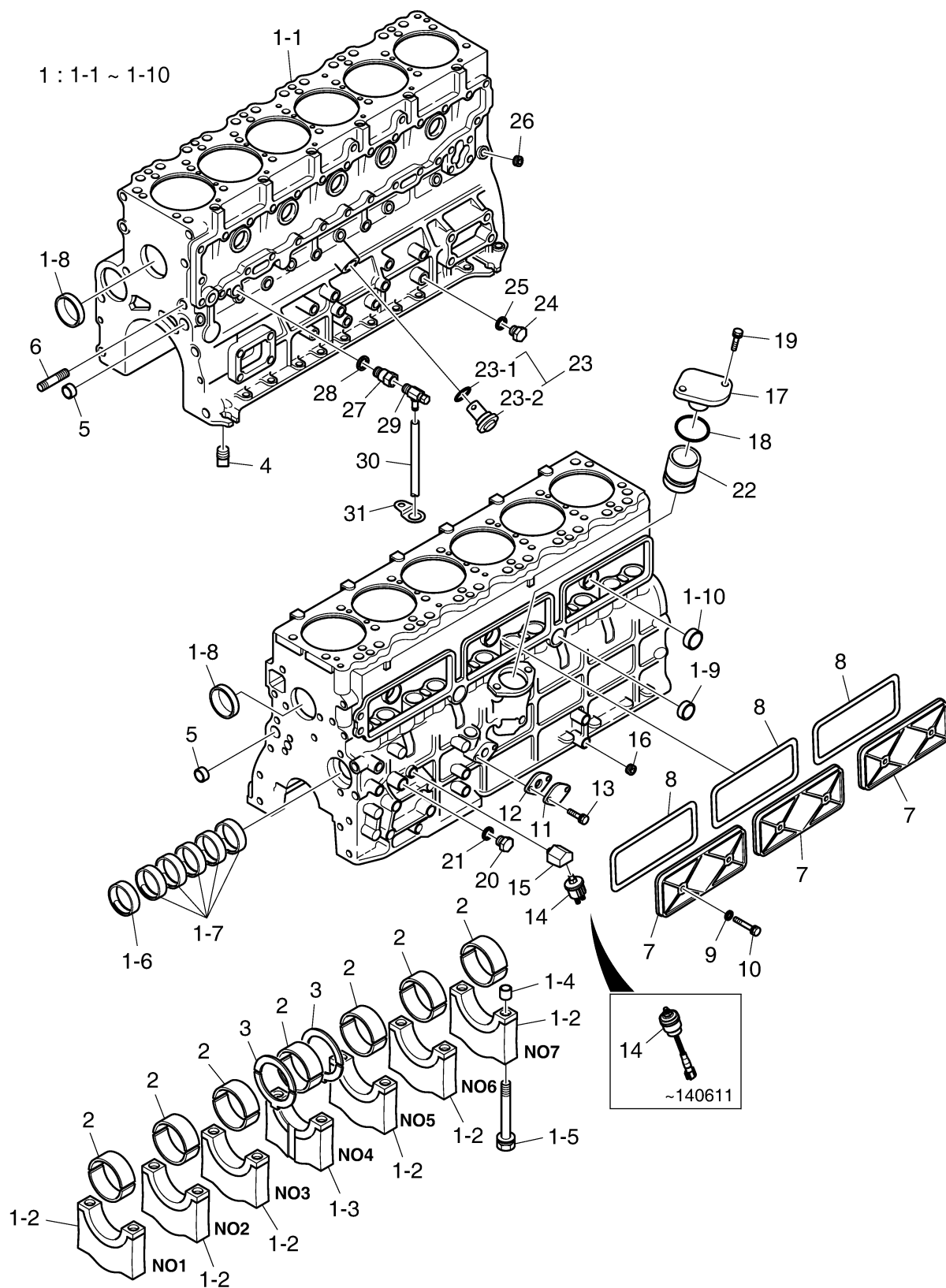
FUEL SYSTEM



FUEL SYSTEM	
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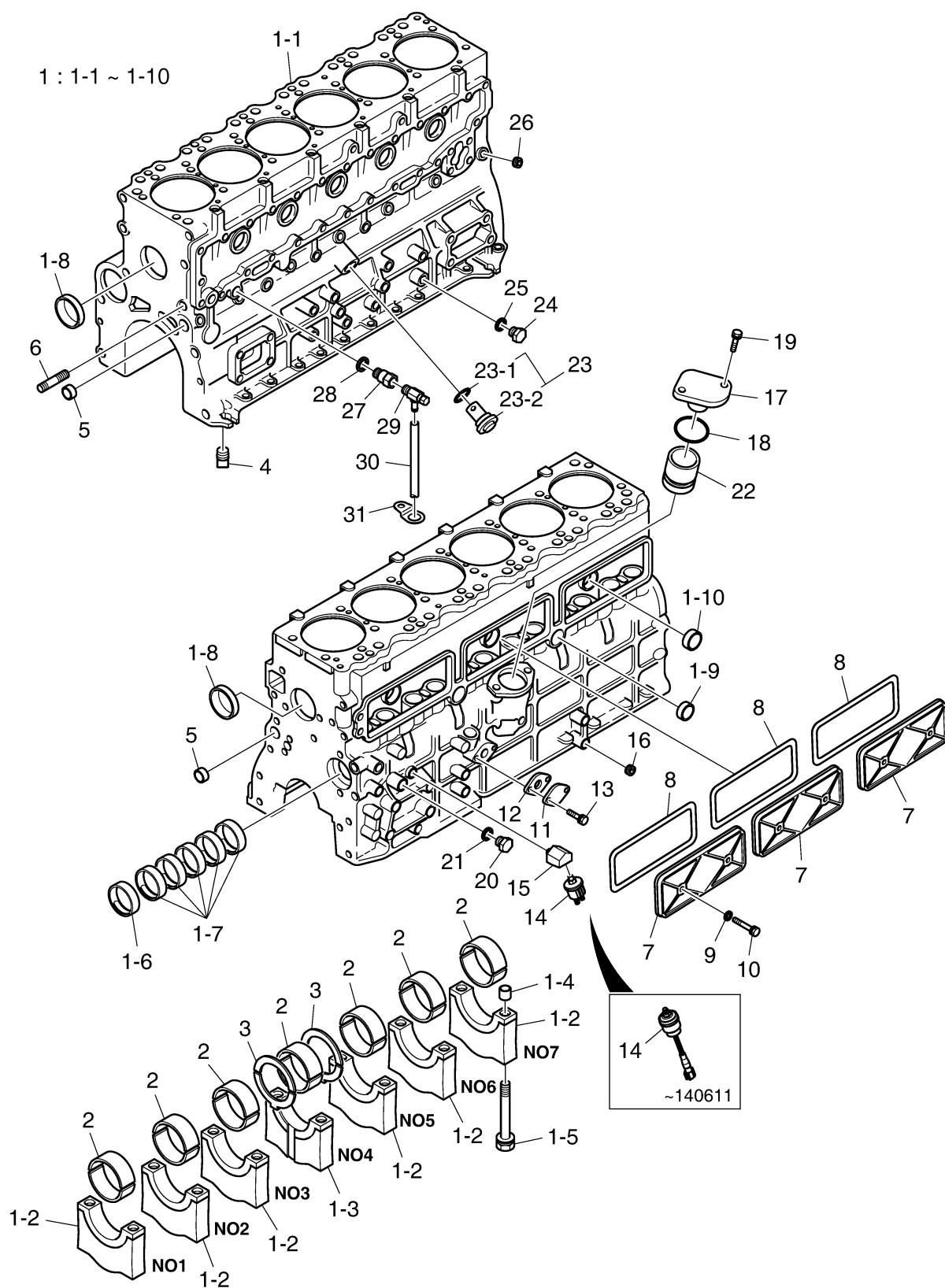
CYLINDER BLOCK



CYLINDER BLOCK

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	NAP	I	CYLINDER BLOCK ASS'Y	1		~ 20140611
1	NAP		BLOCK ASSY,CYLINDER	1		20140612 ~ 20150111
1	NAP		BLOCK ASSY,CYLINDER	1		20150112 ~
1-1	NAP		BLOCK;CYLINDER	1	NS	~ 20140611
1-1	46684718		BLOCK,CYLINDER	1	NS	20140612 ~
1-2	NAP		CAP;BEARING(F.M.R)	6	NS	~ 20150111
1-2	46685177		CAP;BEARING(F.M.R)	6	NS	20150112 ~
1-3	NAP		CAP;BEARING(NO.4)	1	NS	~ 20150111
1-3	46685178		CAP;BEARING(NO.4)	1	NS	20150112 ~
1-4	46682950		RING;STOPPER	2		
1-5	46686896	I	BOLT;BRG CAP	14		~ 20140611
1-5	NAP		BOLT	14		20140612 ~
1-6	46682733		BUSH;CAM SHAFT	1	B	
1-7	46682827		BUSH;CAM SHAFT	5	B	
1-8	46682957		PLUG;CORE	2		
1-9	46686936		PLUG;CORE	2		
1-10	46682938		PLUG;CORE	3		
2	46682783		METAL;CRANK STD	7	G	
3	46682785		WASHER;THRUST	2		
4	46682937		PLUG SCREW PT3/8	1		
5	46682726		PLUG;CORE	2		
6	46682920		BOLT;STUD M14X12.5X45	1		
7	46682784		COVER;PUSH ROD CHAMBER	3		
8	46682805		GASKET;PUSH ROD CHAMBER	3		
9	46682963		PACKING;PUSH ROD CHAMBER	6		
10	46682946		BOLT;HEX.	6		
11	46682948		COVER;BLIND	1		
12	NAP		GASKET;FLANGE	1		
13	46682046		BOLT ASS'Y M8X20	2		
14	46684855		SENSOR,OIL PRESSURE	1		~ 20140611
14	46695054		SWITCH,OIL PRESSURE	1		20140612 ~
15	46682857		ADAPTER;FOR MARINE KGEAR P.SEND	1		
16	46682938		PLUG SCREW	1		
17	46682947		COVER	1		
18	46682746		O-RING;O/P DRIVE FLANGE	1		
19	46682046		BOLT ASS'Y M8X20	2		
20	46682935		PLUG;SCREW	1		
21	46689020		SEAL RING	1		
22	46682834		BUSH;DRIVE GEAR	1		
23	46682778		RELIEF VALVE ASS'Y	1		
23-1	46682745		O-RING	1		
23-2	46682836		RELIEF VALVE	1		
24	46682933		SCREW;PLUG M12X1.25	1		
25	46682748		RING;SEAL	1		
26	46682938		PLUG SCREW	9		
27	46682984		ADAPTER	1		
28	46682751		RING;SEAL A18X24	1		
29	46682854		PLUG;DRAIN	1		
30	46681380		HOSE;VINYL	1		

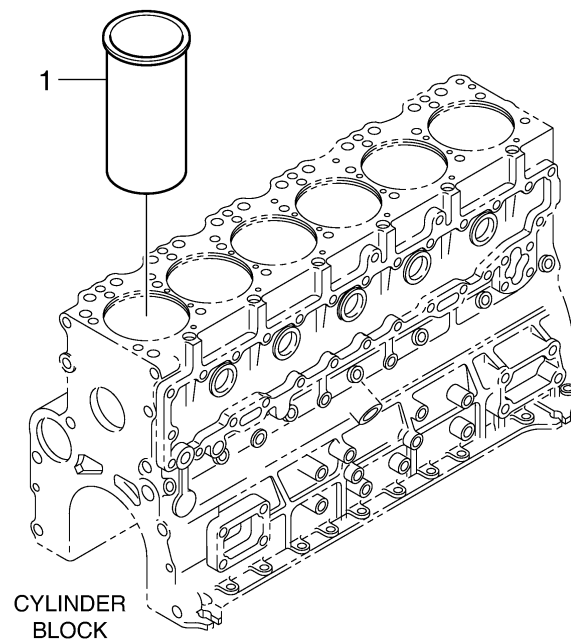
CYLINDER BLOCK



CYLINDER BLOCK

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
31	46682971			CLIP;PIPE	1		

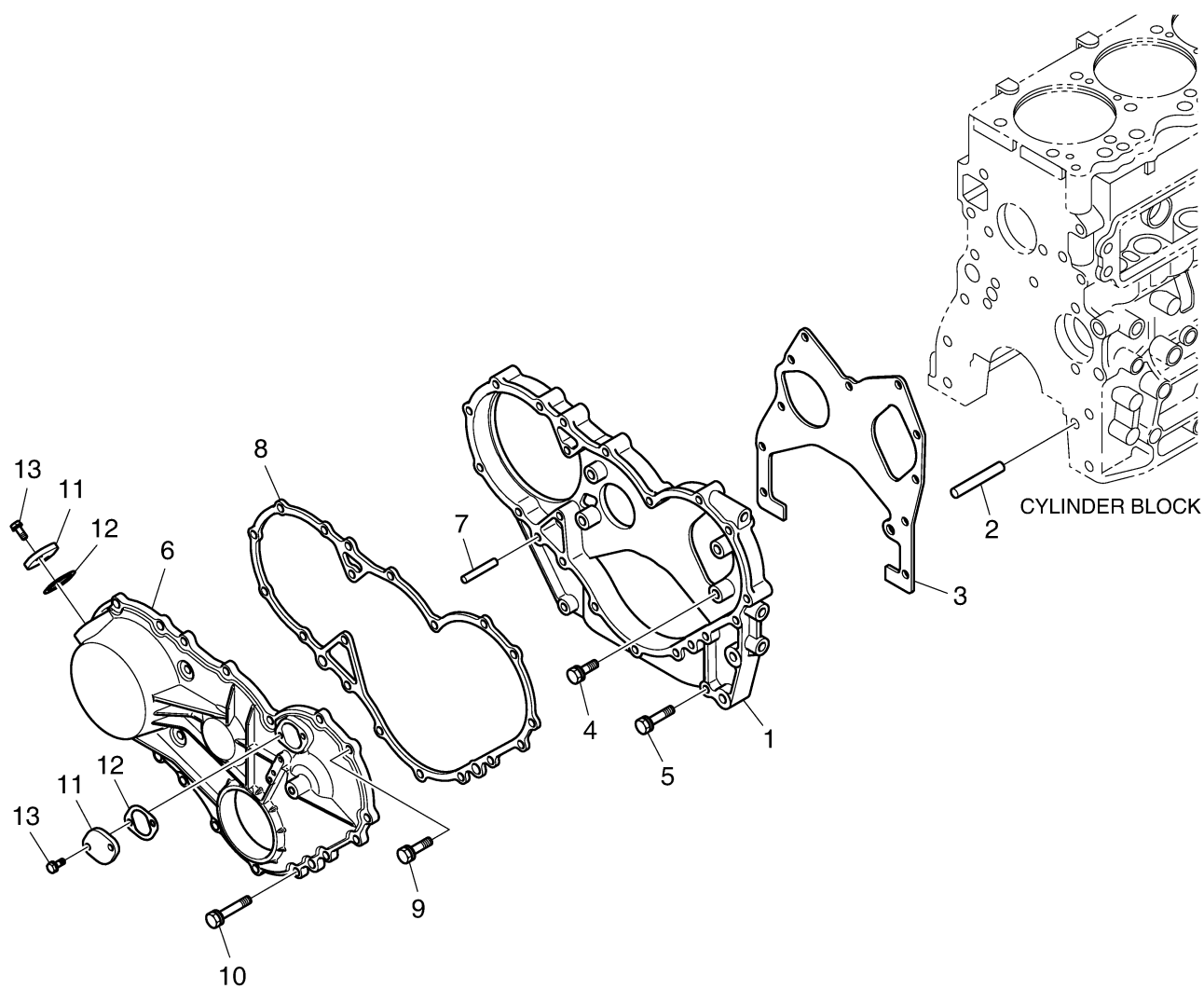
CYLINDER LINER



CYLINDER LINER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			LINER;CYLINDER (ALTV.)	6	G	

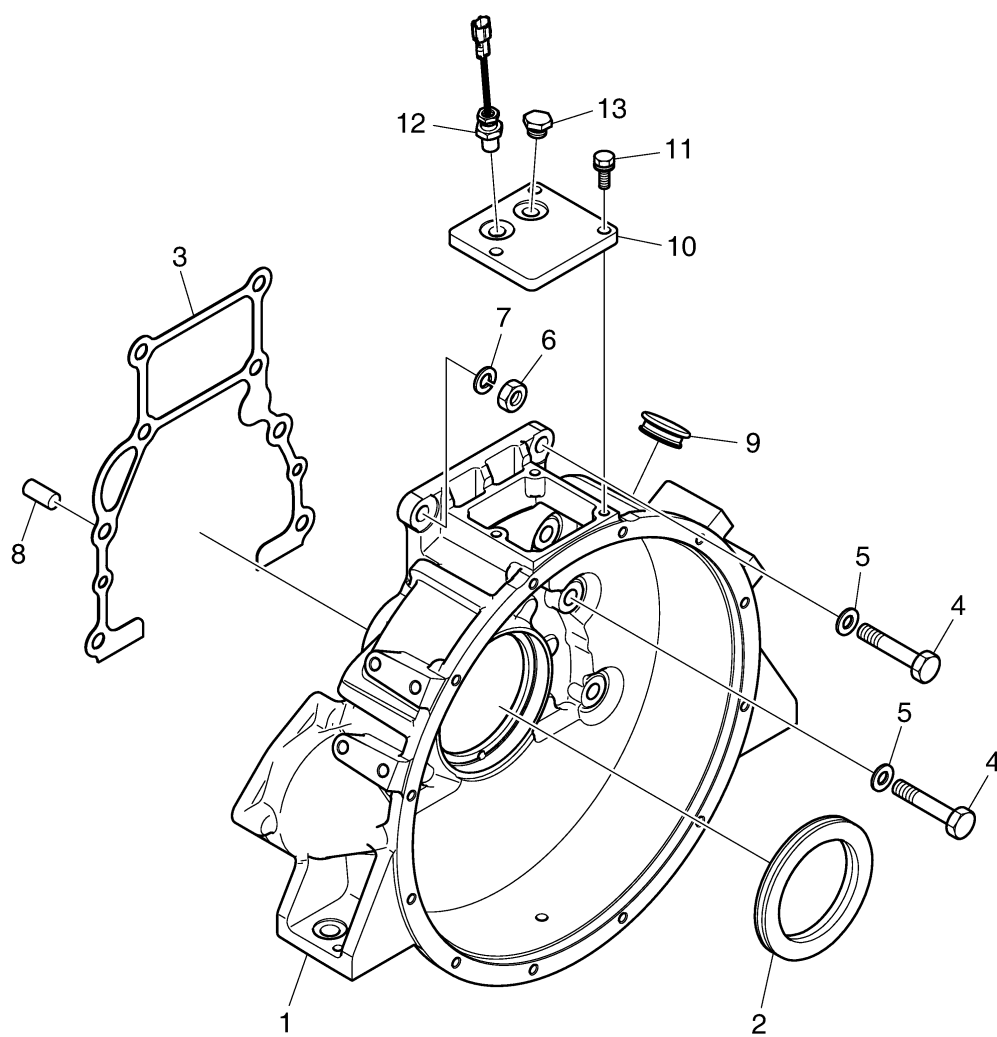
TIMING GEAR CASE



TIMING GEAR CASE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682786			CASE;TIMING GEAR	1		
2	46682777			PIN	1		
3	46682725			GASKET;TIMING GEAR CASE(BLOCK)	1		
4	46682046			BOLT ASS'Y M8X20	4		
5	46682797			BOLT ASS'Y M8X45	2		
6	46696804			COVER;TIMING GEAR CASE	1		
7	46682779			PIN	1		
8	46682796			GASKET;TIMING GEAR CASE COVER	1		
9	46682040			BOLT ASS'Y M8X25	7		
10	46682042			BOLT ASS'Y M8X55	5		
11	46682788			COVER;FOR CHECK HOLE	2		
12	46696805			GASKET	2		
13	46682045			BOLT ASS'Y M6X16	4		

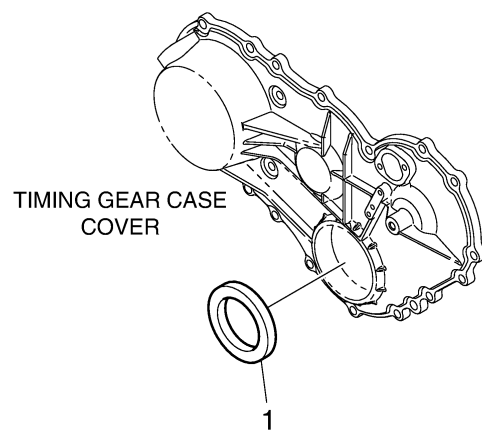
FLYWHEEL HOUSING



FLYWHEEL HOUSING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682789			HOUSING;FLY WHEEL	1		
2	46682791			SEAL;OIL(REAR)	1		
3	46696806			GASKET;FLYWHEEL HOUSING	1		
4	46682033			BOLT;HEX. M14X1.5X40	7		
5	46696709			WASHER	7		
6	46682376			NUT	1		
7	46682731			WASHER;SPRING	1		
8	46682043			PIN	2		
9	46682960			CAP;RUBBER	1		
10	46682759			COVER,FLY WHEEL HOUSING	1		
11	46682043			BOLT ASS'Y M10X25	3		
12	46682907			SENSOR,TACHOMETER	1		~ 20150224
12	NAP			SENSOR,TACHOMETER	1		20150225 ~
13	46682889			PLUG SCREW M16 X 1.5	1		

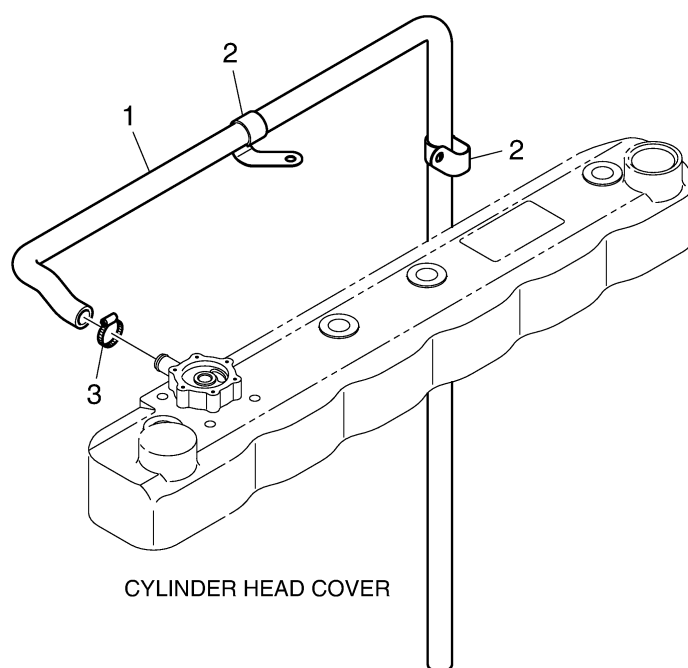
OIL SEAL



OIL SEAL

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682790			SEAL;OIL(FRONT)	1		

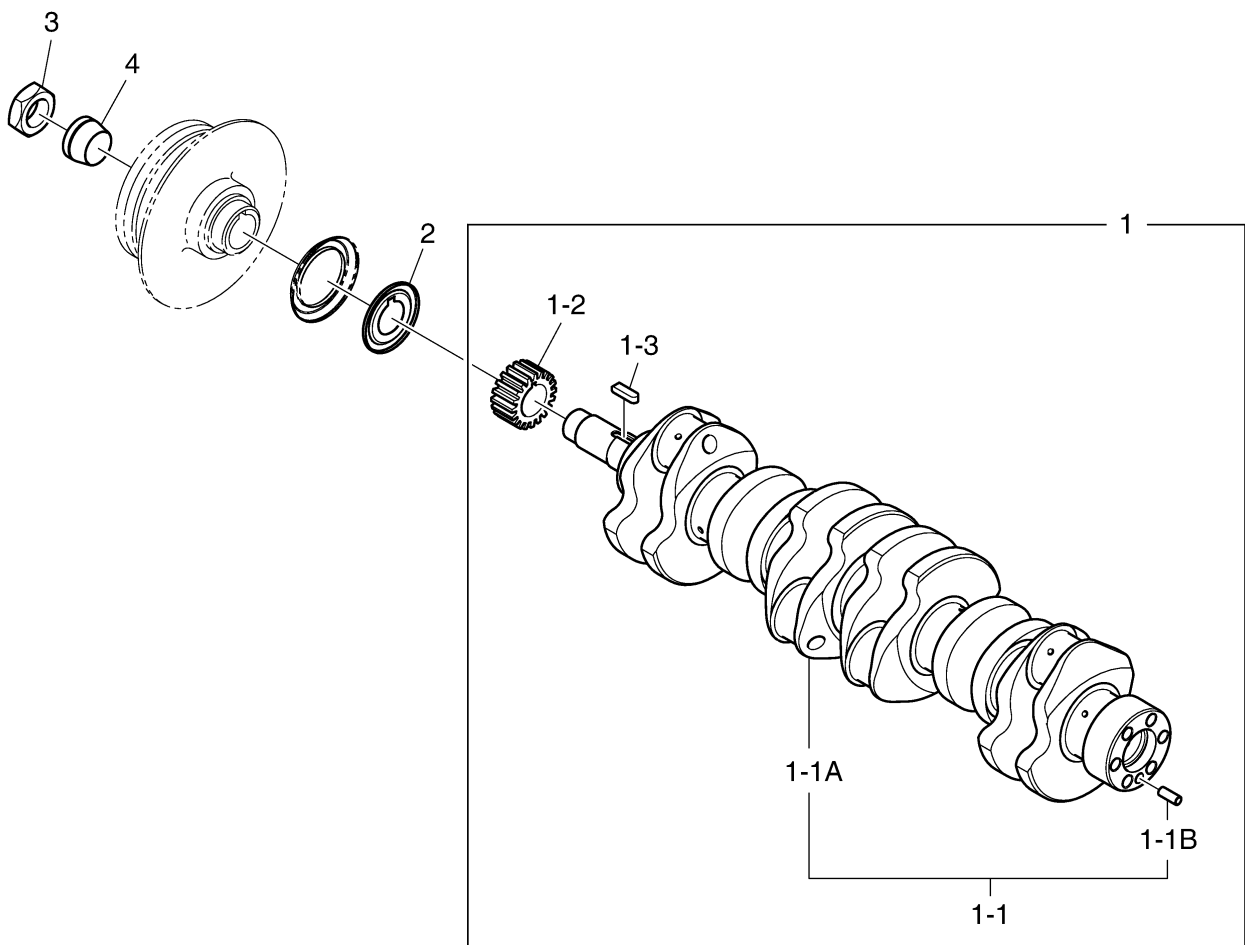
BREATHER



BREATHES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			HOSE;RUBBER	1		
2	46682972			CLIP;WATER HOSE	2		
3	46682754			CLAMP	1		

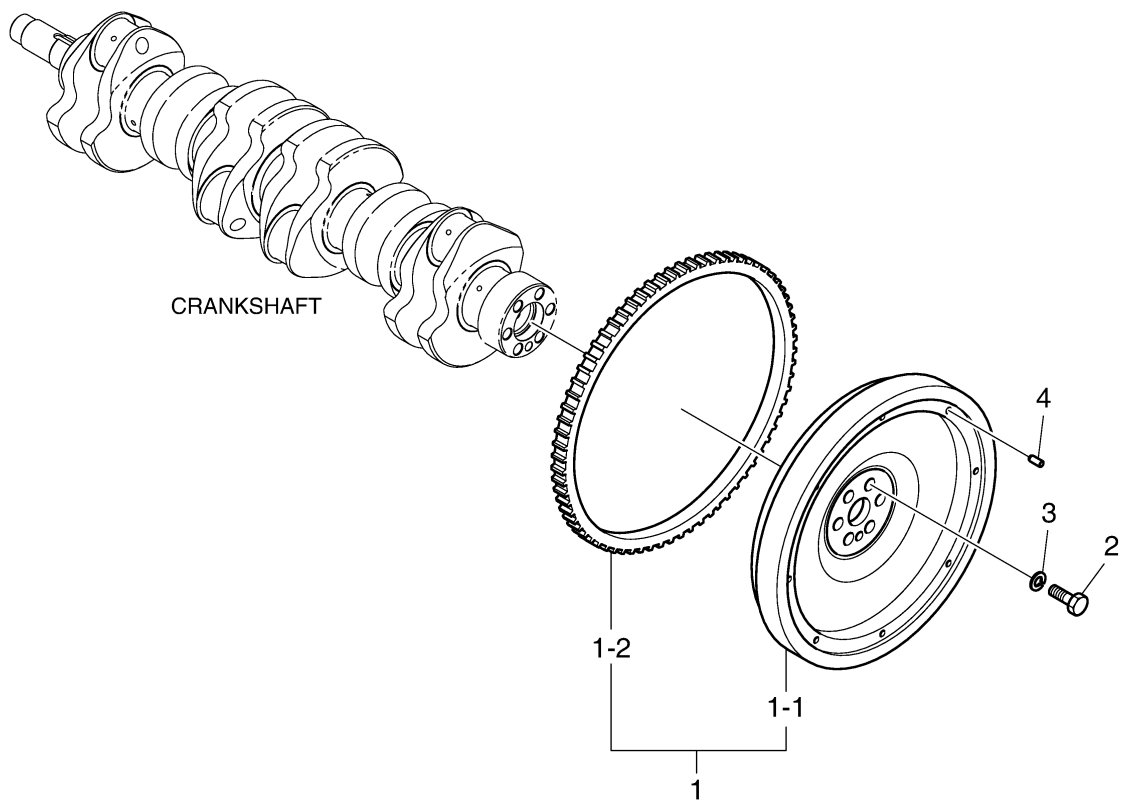
CRANKSHAFT



CRANKSHAFT

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684737			CRANKSHAFT ASSY	1	NS	
1-1	46684741			CRANKSHAFT ASSY	1	NS	
1-1A	46682798			SHAFT;CRANK	1		
1-1B	46682736			PIN;PARALLEL	1		
1-2	46682799			GEAR;CRANK SHAFT	1		
1-3	46696815			KEY;SLIDING	1		
2	46682800			RING;OIL THROWER	1		
3	46682939			NUT	1		
4	46682953			BUSH;TAPER	1		

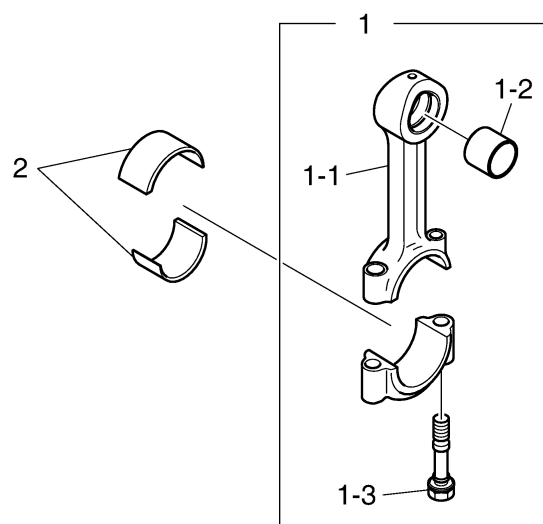
FLYWHEEL



FLYWHEEL

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682802			FLYWHEEL ASSY;CLUTCH SIZE 11-1/2	1		
1-1	46685386			FLYWHEEL	1	NS	
1-2	46682803			GEAR;RING	1		
2	46682034			BOLT M16X1.5X35	6		
3	46682732			WASHER;SPRING	6		
4	46682734			PIN,PARALLEL	2		

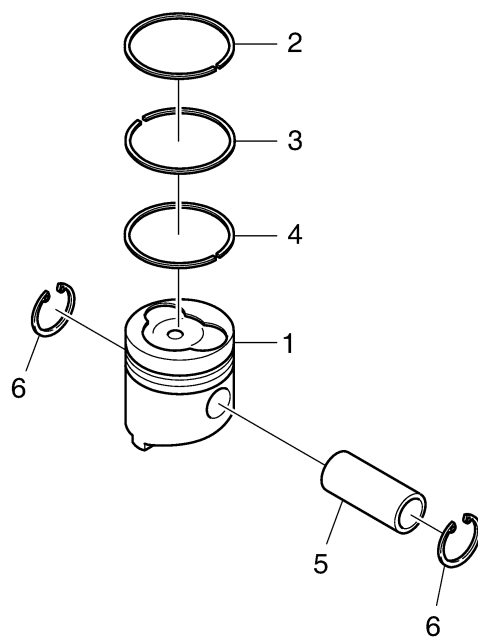
CONNECTING ROD



CONNECTING ROD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46685405	I		CONNECTING ROD ASS'Y	6		~ 20140921
1	NAP	I		ROD ASSY,CONNECTING	6		20140922 ~ 20150702
1	NAP			ROD ASSY,CONNECTING	6		20150703 ~
1-1	NAP			ROD;CONNECTING	1	NS	~ 20150702
1-1	NAP			ROD,CONNECTING	1	NS	20150703 ~
1-2	46682804			BUSH	1		
1-3	46682806			BOLT	2		
2	NAP			METAL;CON ROD STD	6	G	

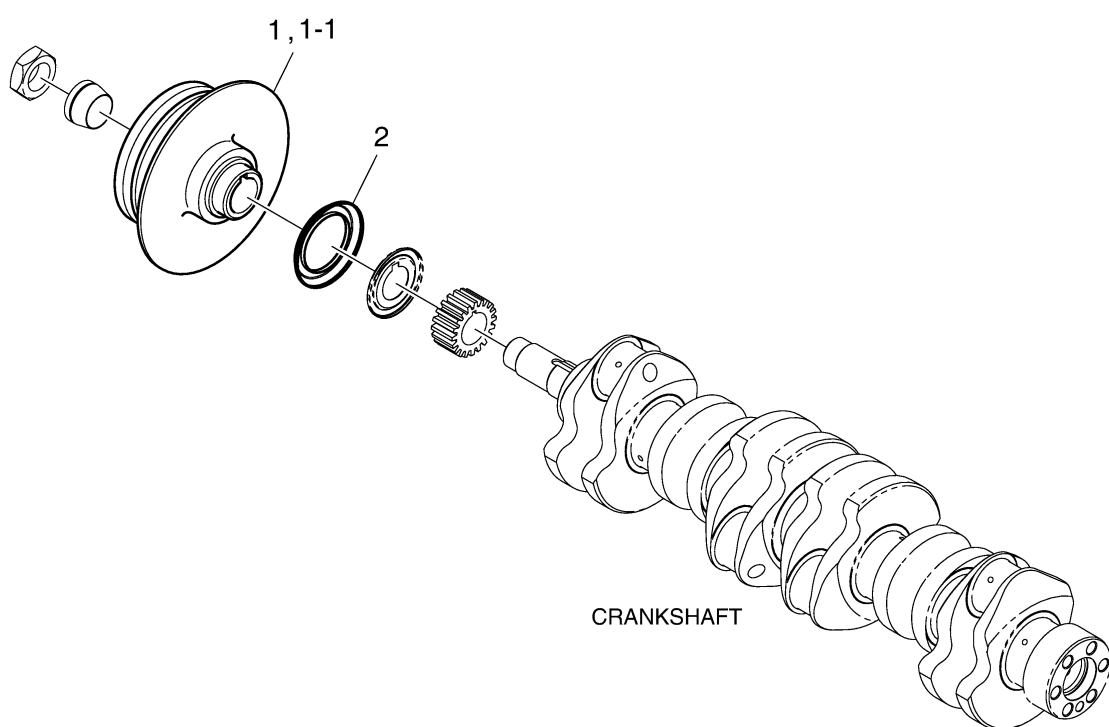
PISTON



PISTON

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			PISTON(ALTV)	6	G	
2	46684948			RING;TOP	6	K	
3	46684947			RING;SECOND	6	K	
4	46684946			RING;OIL	6	K	
5	NAP			PIN;PISTON	6		
6	NAP			RING;RETAINING	12		
*	NAP			PISTON RING KIT	1		

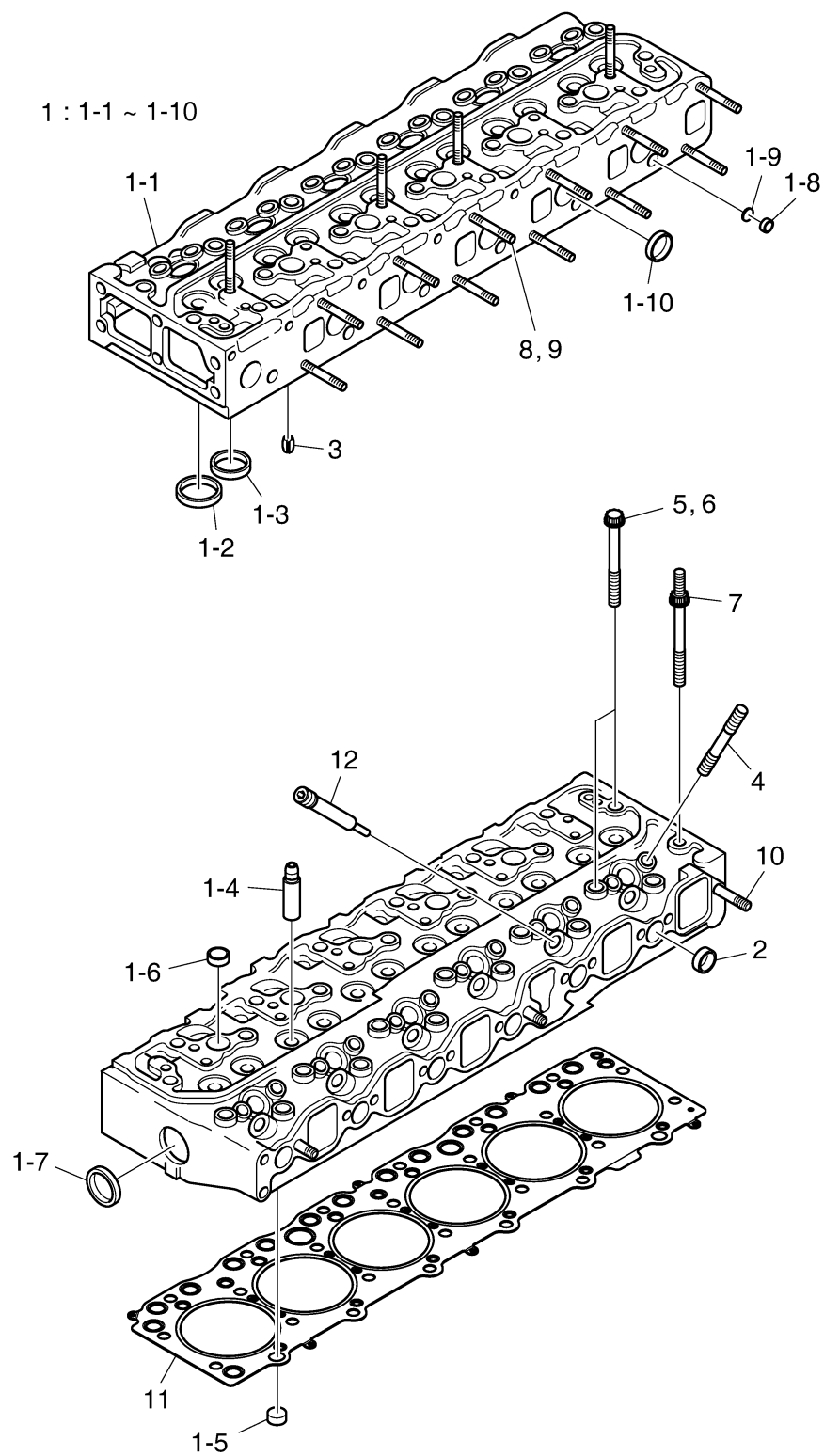
CRANKSHAFT PULLEY



CRANKSHAFT PULLEY

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			PULLEY,CRANKSHAFT	1	NS	
1-1	46682808			PULLEY;V-BELT	1		
2	46682801			COVER;DUST	1		

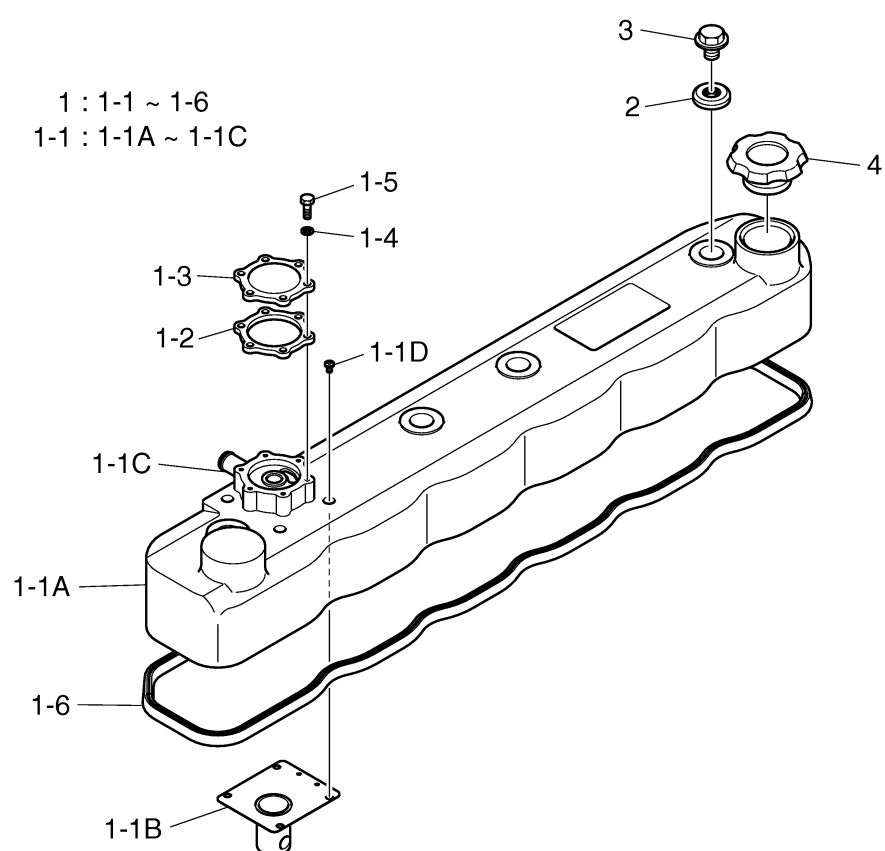
CYLINDER HEAD



CYLINDER HEAD

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46682768		HEAD ASSY,CYLINDER	1		
1-1	46685517		HEAD;CYLINDER	1	NS	
1-2	46696700		SEAT;INLET VALVE	6		
1-3	46682810		SEAT;EXHAUST VALVE	6		
1-4	46682809		GUIDE,VALVE	12		
1-5	46686937		PLUG;CORE	3		
1-6	46686930		PLUG;CORE	11		
1-7	NAP		PLUG;CORE(NEAR FACE)	1		
1-8	46682923		PLUG;CORE	6		
1-9	46682925		PLUG;DRILLED PASS	6		
1-10	46696710		PLUG;CORE(EXHAUST MAIN)	6		
2	46682927		PLUG;WATER JET CORE	6		
3	46682951		RING;STOPPER	2		
4	46682921		BOLT;STUD	12		
5	46682940		BOLT;CYLINDER HEAD	18		
6	46682949		BOLT;CYLINDER HEAD	6		
7	NAP		BOLT;CYLINDER HEAD	2		
8	46682062		BOLT;STUD	11		
9	46686924		BOLT;STUD M8X110	1		
10	NAP		BOLT;STUD M8X25	3		
11	46685545		GASKET;CYLINDER HEAD	1		~ 20140508
11	NAP		GASKET KIT,CYLINDER HEAD	1		20140509 ~
12	46682906		PLUG;DUMMY	6		

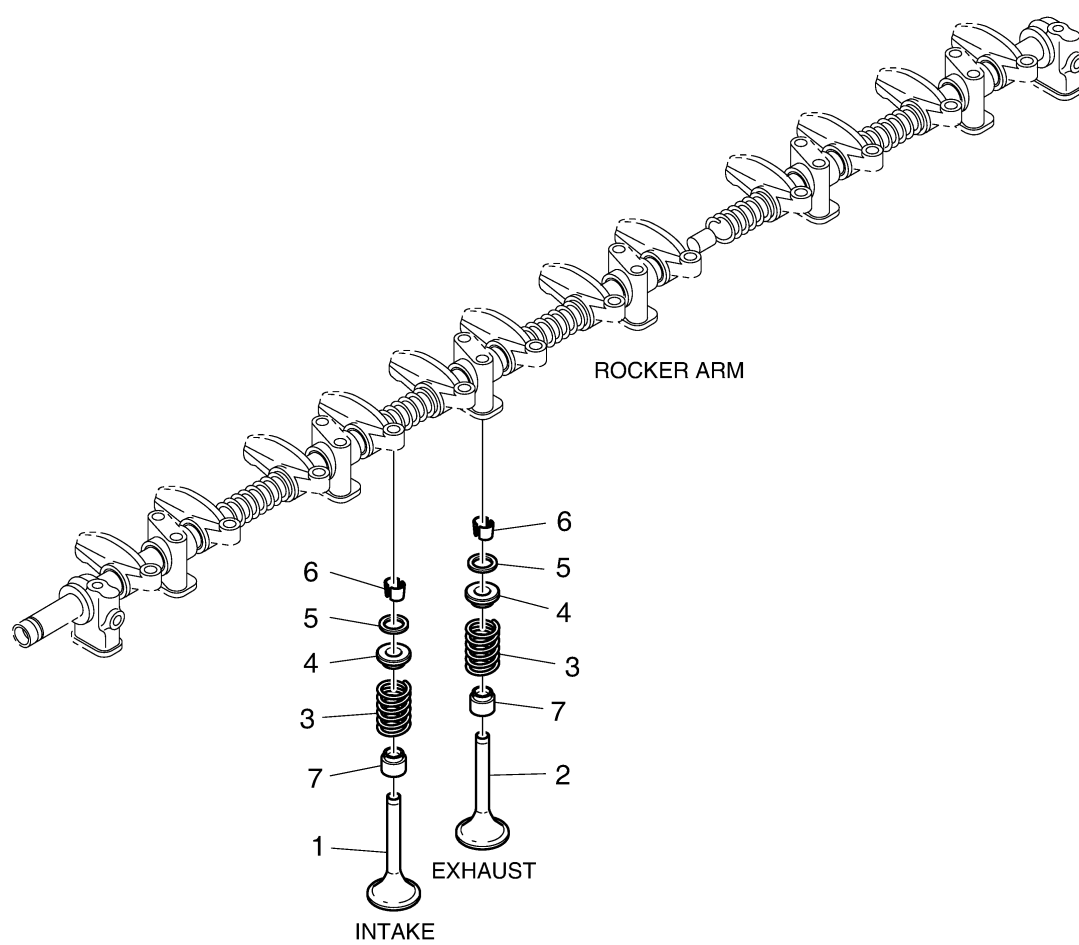
CYLINDER HEAD COVER



CYLINDER HEAD COVER

Key No.	Part No.	IC A	Description	Q'ty	S.C	Adpated Date
1	46682767		COVER,CYLINDER HEAD;CYL,BODY TO	1		
1-1	46685542		COVER,CYLINDER HEAD	1	NS	
1-1A	NAP		COVER,CYLINDER HEAD	1	NS	
1-1B	46682813		PLATE ASSY	1		
1-1C	NAP		PIPE;FOR CYL. HEAD COVER	1		
1-1D	46683948		SCREW	4		
1-2	46682814		PACKING;BREATHER PIPE	1		
1-3	46682812		COVER (FOR C/H C)	1		
1-4	46682728		WASHER;SPRING	6		
1-5	46682060		BOLT	6		
1-6	46682775		GASKET;CYLINDER HEAD COVER	1		
2	NAP		GASKET,COVER PACKING	4		
3	46682763		NUT,HEX	4		
4	46682792		CAP;OIL FILLER	1		

VALVE

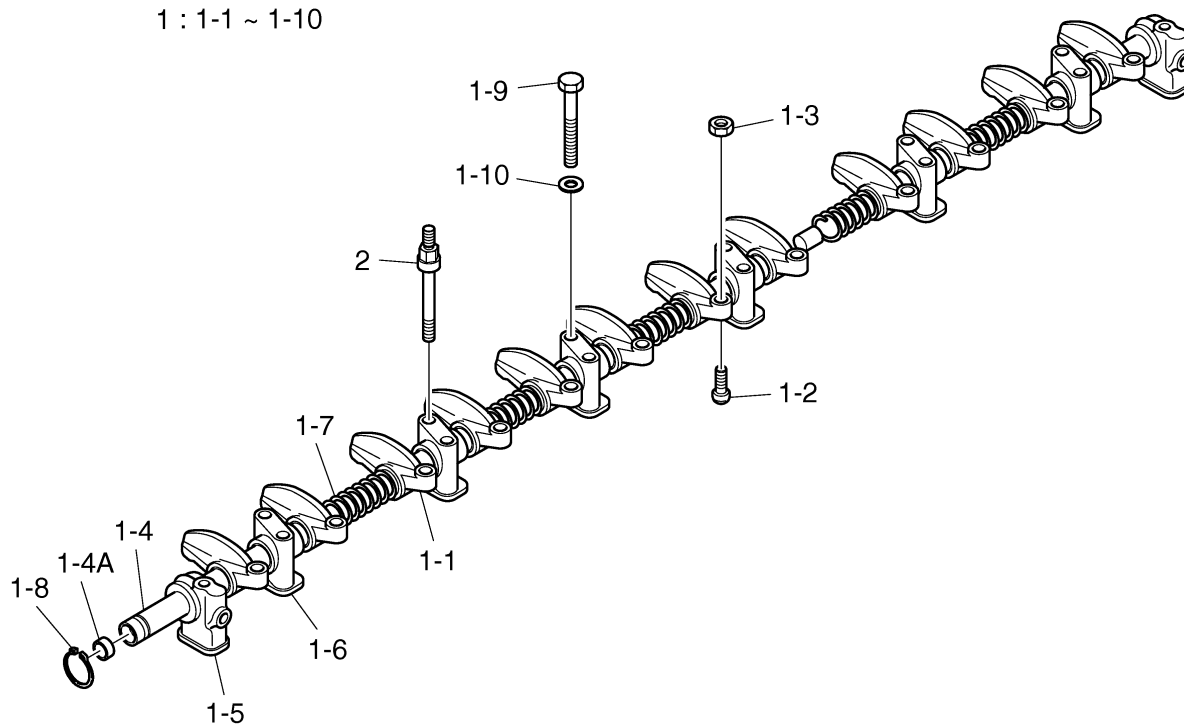


VALVE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682816			VALVE;INLET	6		
2	46682815			VALVE;EXHAUST	6		
3	46682817			SPRING;VALVE	12		
4	46682818			RETAINER;VALVE SPRING	12		
5	46682819			PLATE;SPRING	12		
6	46682760			COTTER	24		
7	46682831			SEAL;VALVE STEM	12		

ROCKER ARM

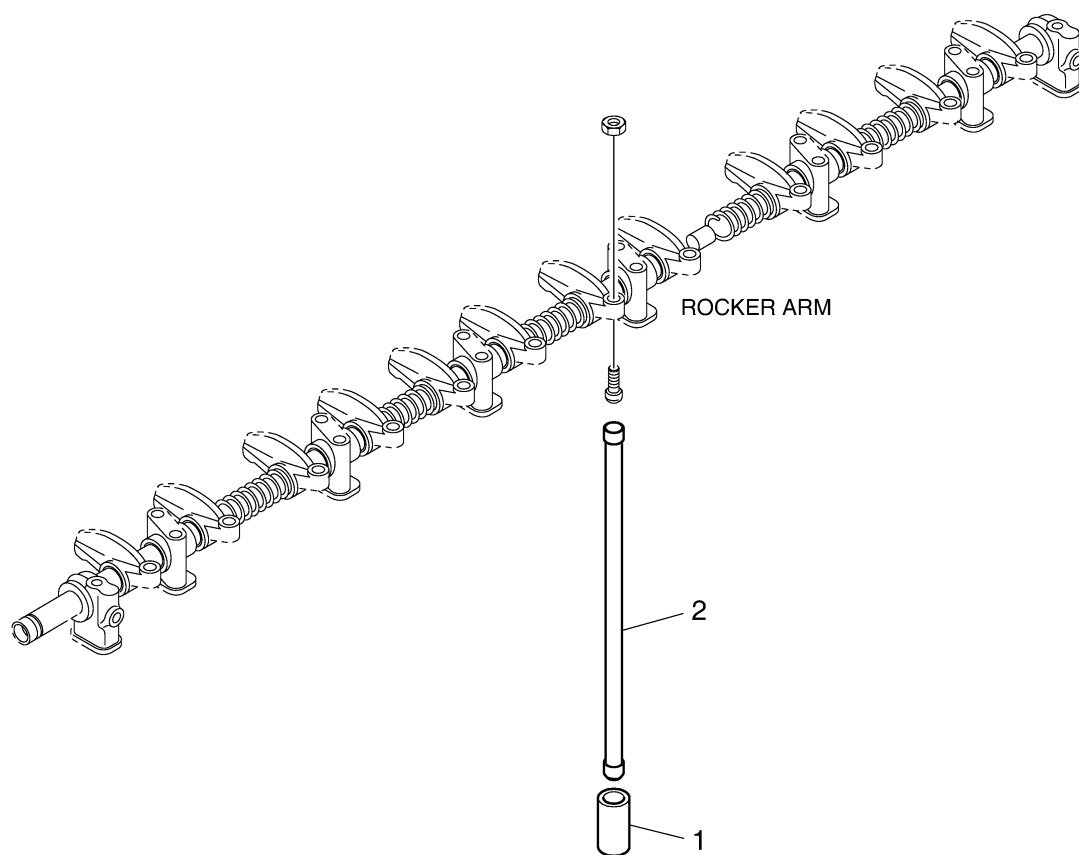
1 : 1-1 ~ 1-10



ROCKER ARM

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682769			ROCKER ARM SHAFT ASSY	1		
1-1	46682766			ROCKER ARM ASS'Y	12		
1-2	46682822			SCREW;ADJUST	12		
1-3	NAP			NUT;HEX	12		
1-4	46682821			ROCKER ARM SHAFT ASS'Y	1		
1-4A	46682924			PLUG;ROCKER ARM	2		
1-5	46682820			BRACKET(FRONT)	1		
1-6	46684402			BRACKET,ROCKER ARM	6		
1-7	46682978			SPRING;ROCKER ARM	1		
1-8	46682737			RING;SNAP	1		
1-9	46683181			BOLT;HEX. M8X65	10		
1-10	46682379			WASHER	10		
2	46682762			BOLT,SPACER	4		

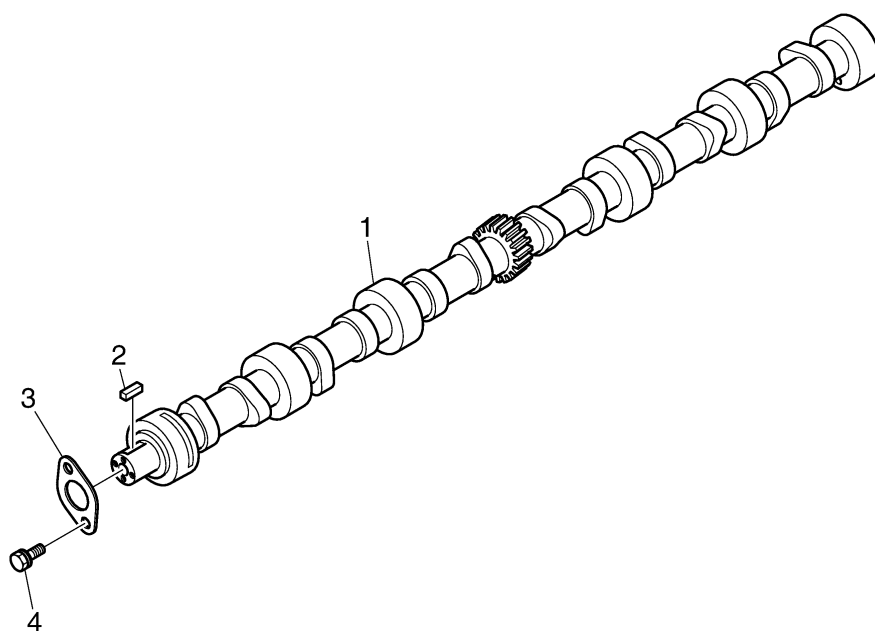
TAPPET & PUSH ROD



TAPPET & PUSH ROD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682823			TAPPET	12		
2	46682824			ROD;PUSH	12		

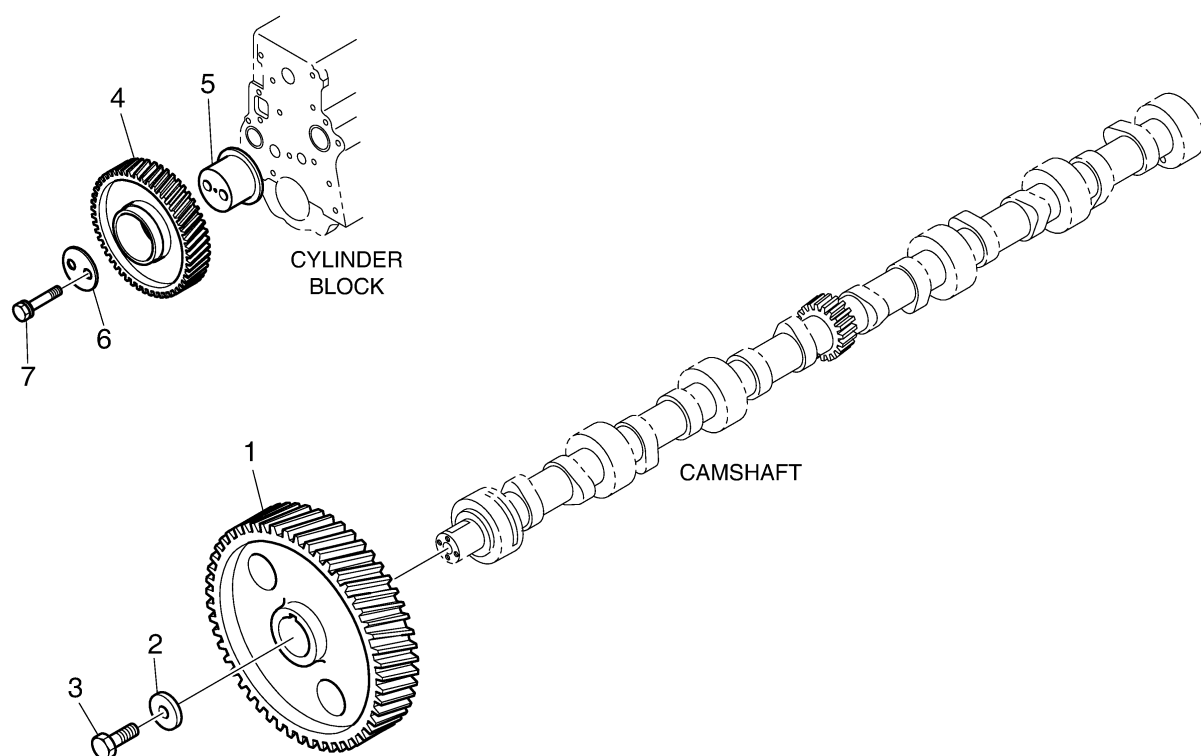
CAMSHAFT



CAMSHAFT

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682825			SHAFT;CAM	1		
2	46682740			KEY	1		
3	46682981			FLANGE	1		
4	46682040			BOLT ASS'Y M8X25	2		

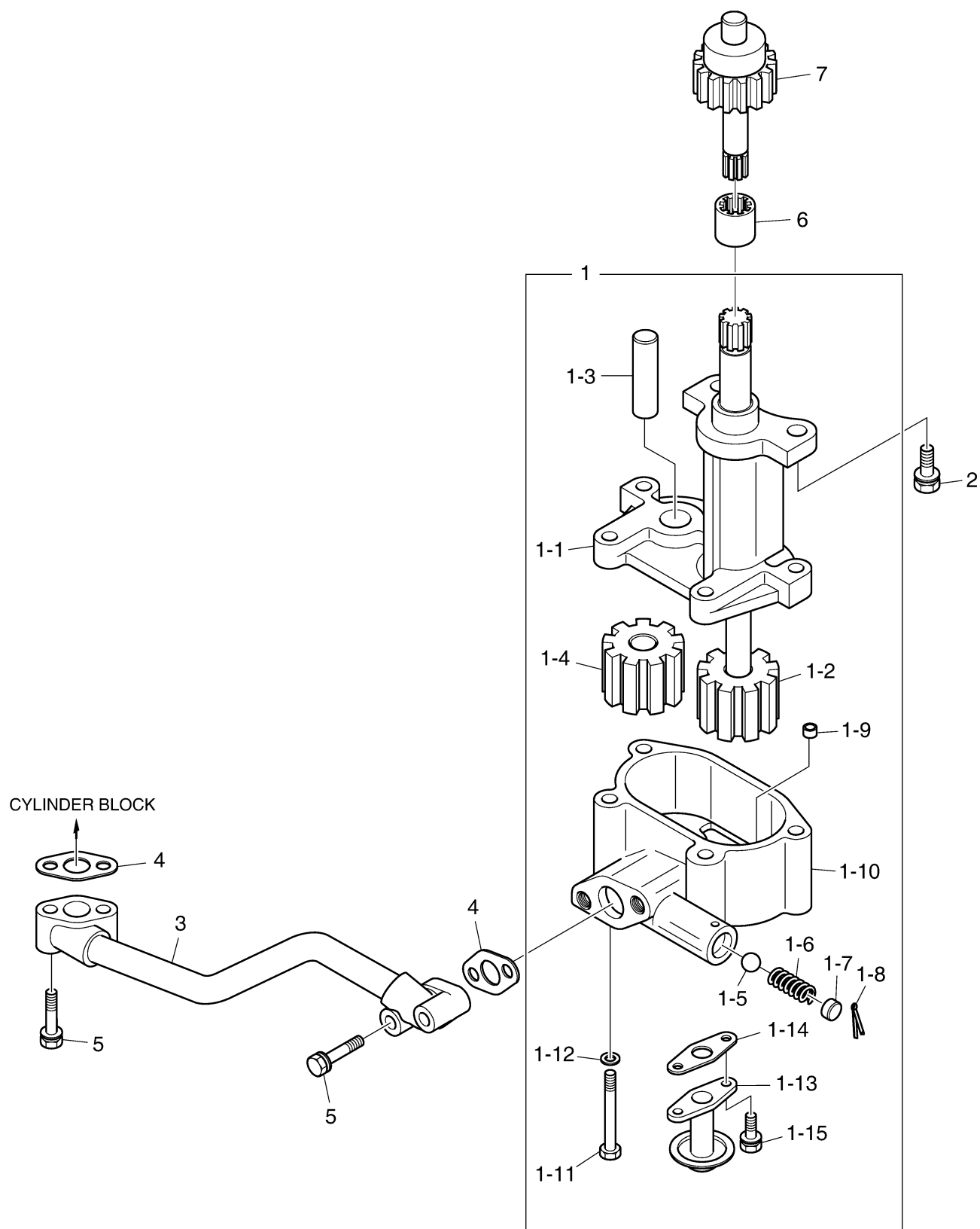
CAMSHAFT DRIVE



CAMSHAFT DRIVE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682828			GEAR;CAM SHAFT	1		
2	46682943			WASHER;PLAIN	1		
3	46682036			BOLT M14X1.5X28	1		
4	46682829			IDLE GEAR ASS'Y	1		
5	46682830			SHAFT;IDLE GEAR	1		
6	46682944			WASHER;THRUST	1		
7	46682055			BOLT ASS'Y M10X1.25X55	2		

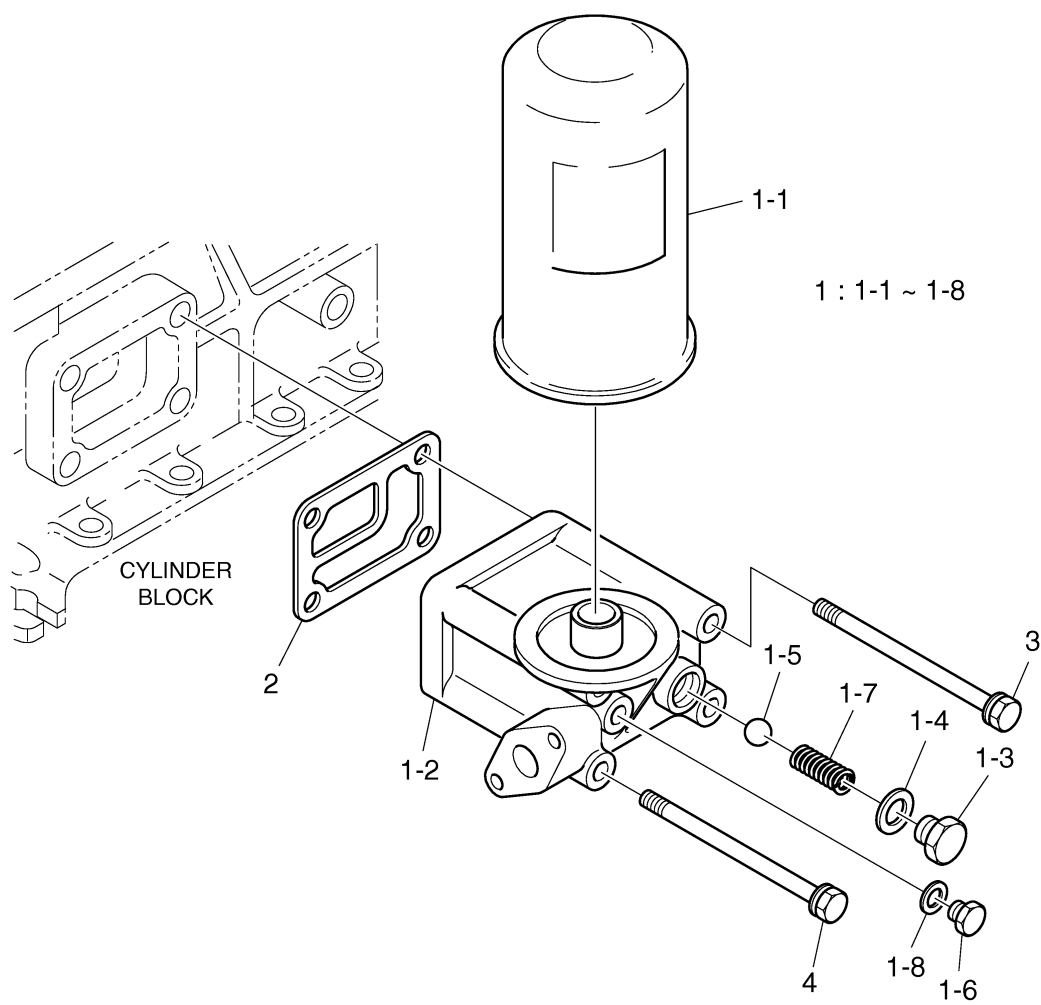
OIL PUMP



OIL PUMP

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46696802		PUMP ASSY,OIL	1		
1-1	46685754		HOUSING;OIL PUMP	1	NS	
1-2	46682765		GEAR ASSY;FOR OIL PUMP	1		
1-3	46682832		SHAFT;OIL PUMP	1		
1-4	NAP		GEAR,SPUR	1	NS	
1-5	46682741		BALL;STEEL	1		
1-6	46682979		SPRING;COMPRESSION	1		
1-7	46696813		SEAT;SPRING	1		
1-8	46684274		PIN;SPLIT 4X30	1		
1-9	46682952		RING;STOPPER	1		
1-10	NAP		COVER ASSY,PUMP;ENGINE OIL PUMP	1		
1-11	46685167		BOLT,HEX	4		
1-12	46682729		WASHER	4		
1-13	NAP		STRAINER ASSY,OIL	1		
1-14	46682776		GASKET,FLANGE	1		
1-15	46682046		BOLT ASS'Y M8X20	2		
2	46682057		BOLT ASS'Y M10X1.25X25	2		
3	46682844		OIL PIPE ASS'Y	1		
4	46696699		GASKET	2		
5	46682041		BOLT ASS'Y M8X45	4		
6	46682835		COUPLING;SLEEVE	1		
7	46682833		GEAR;OIL PUMP DRIVE	1		

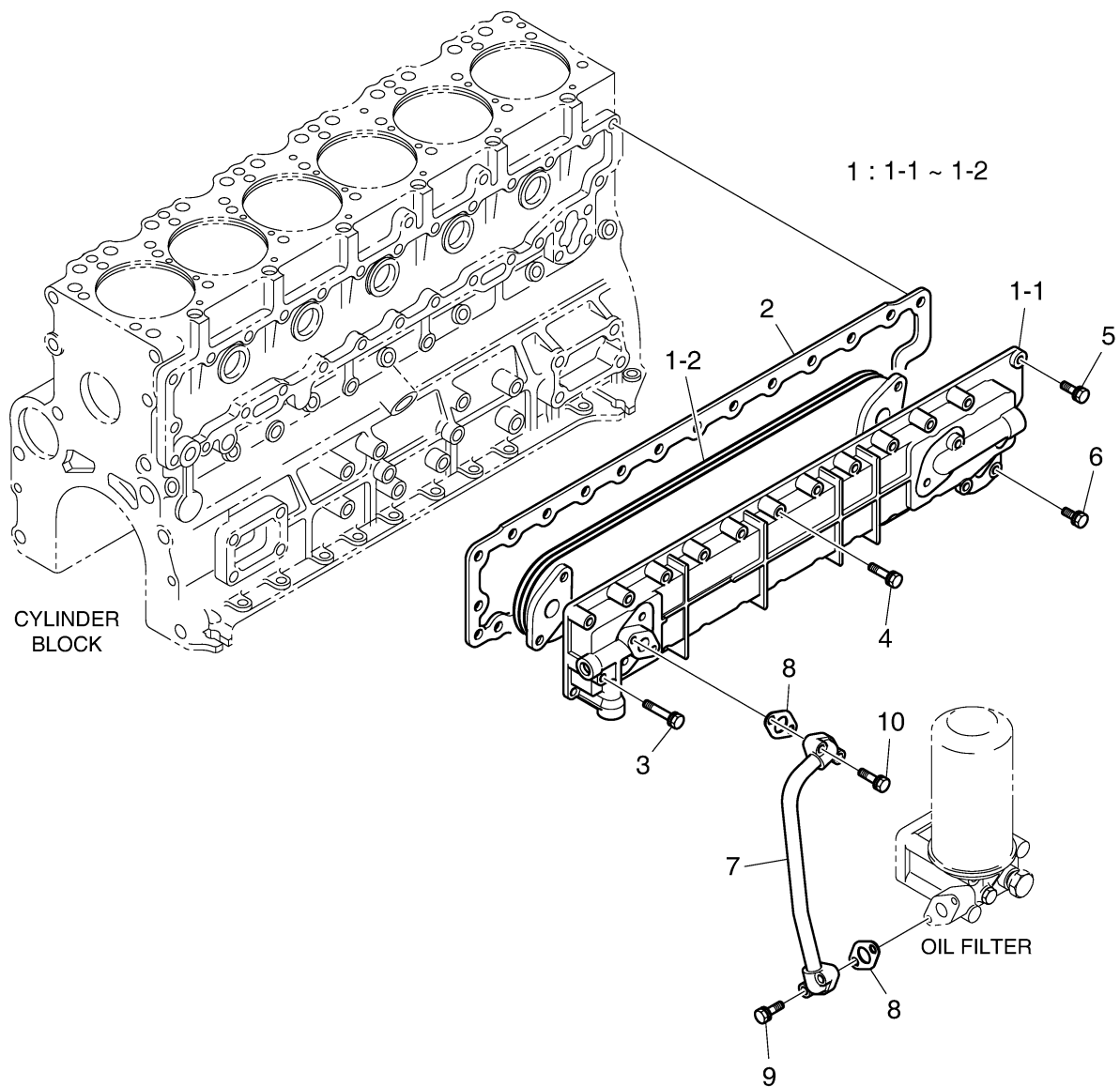
OIL FILTER



OIL FILTER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682837			OIL FILTER ASS'Y	1		
1-1	46691801			ELEMENT;OIL FILTER	1		
1-2	46682838			HEAD;OIL FILTER	1		
1-3	46682934			PLUG;SCREW	1		
1-4	46682750			SEAL;RING	1		
1-5	46682741			BALL;STEEL	1		
1-6	46682886			SCREW PLUG M10X1.25	1		
1-7	46682977			SPRING;COMPRESS	1		
1-8	46682747			RING;SEAL	1		
2	46682848			GASKET;OIL FILTER	1		
3	46682787			BOLT ASS'Y M10X1.25X130	3		
4	46682914			BOLT ASS'Y	1		

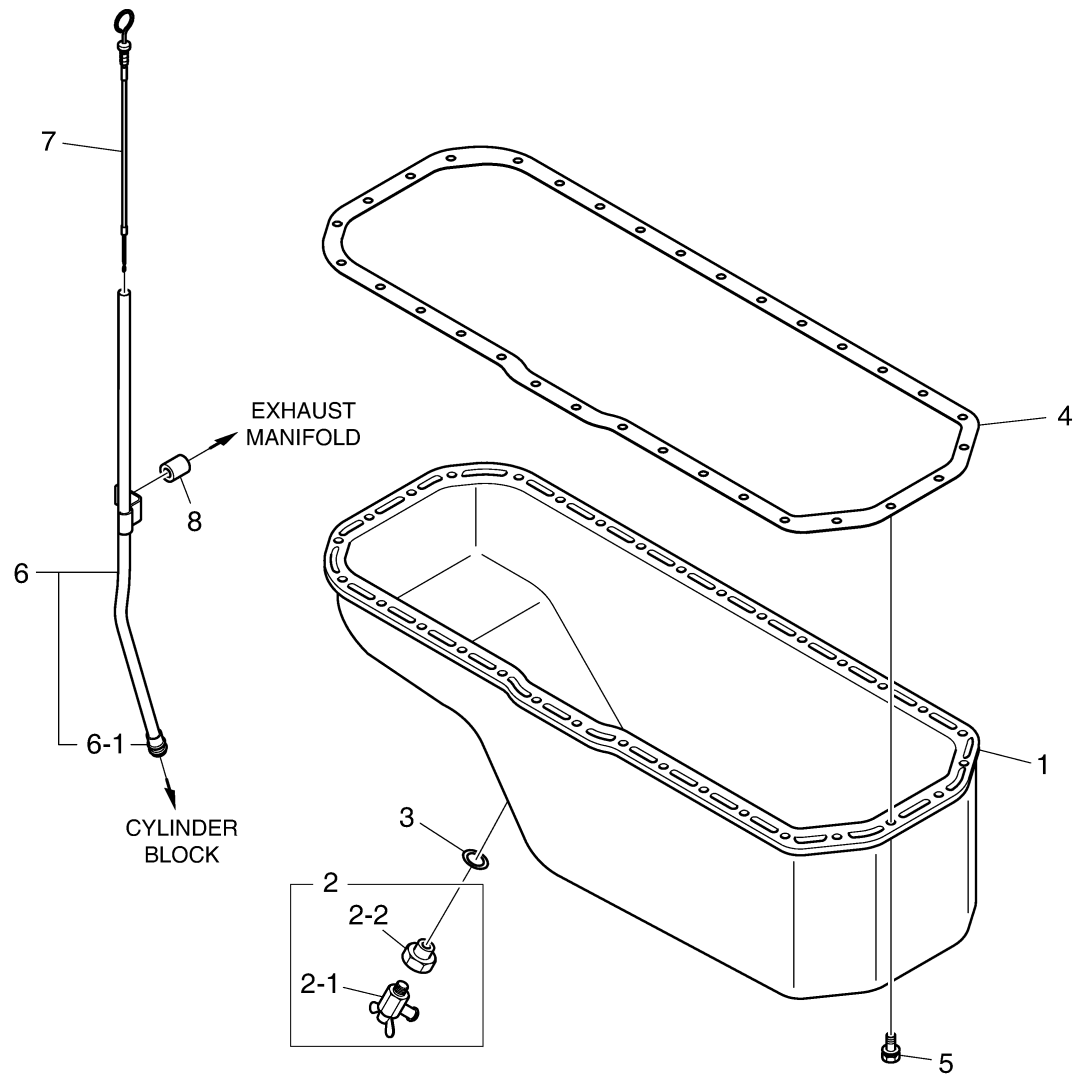
OIL COOLER



OIL COOLER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682840			OIL COOLER ASS'Y	1		
1-1	46682841			HOUSING;OIL COOLER	1		
1-2	46682842			ELEMENT;OIL COOLER	1		
2	46682849			GASKET;OIL COOLER	1		
3	46682050			BOLT ASS'Y M8X65	1		
4	46682041			BOLT ASS'Y M8X45	10		
5	46682048			BOLT ASS'Y M8X30	15		
6	46682897			BOLT ASS'Y M8X20	2		
7	46696803			PIPE ASSY,OIL	1		
8	46696703			GASKET	2		
9	46682913			BOLT;HEX. PIPE FIX.	2		
10	46682047			BOLT ASS'Y M8X22	2		

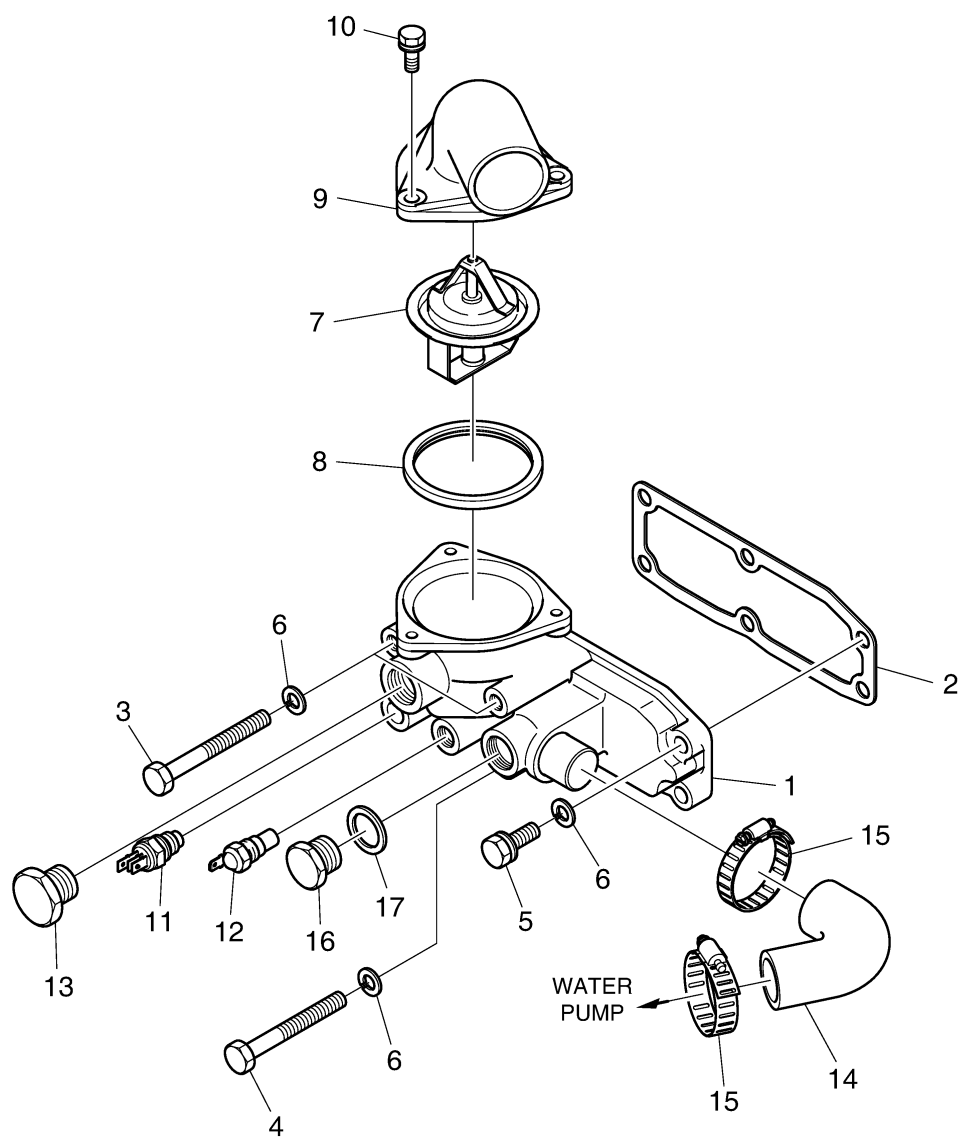
OIL PAN



OIL PAN

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682845			PAN;OIL	1		
2	46682983			VALVE,DRAIN;OIL DRAIN	1		
2-1	NAP			VALVE,DRAIN;OIL DRAIN	1		
2-2	46682782			ADAPTER;OIL DRAIN	1		
3	46682752			RING;SEAL	1		
4	46682853			GASKET;OIL PAN	1		
5	46682037			BOLT ASS'Y M8X18	32		
6	46682847			TUBE,GUIDE,OIL LEVEL GAUGE	1		
6-1	46682744			O-RING	2		
7	46685997	Y		GAUGE ASSY,OIL LEVEL	1		~ 20150107
7	NAP			GAUGE ASSY,OIL LEVEL;CYL,BODY TO	1		20150108 ~
8	46696812			SPACER	1		

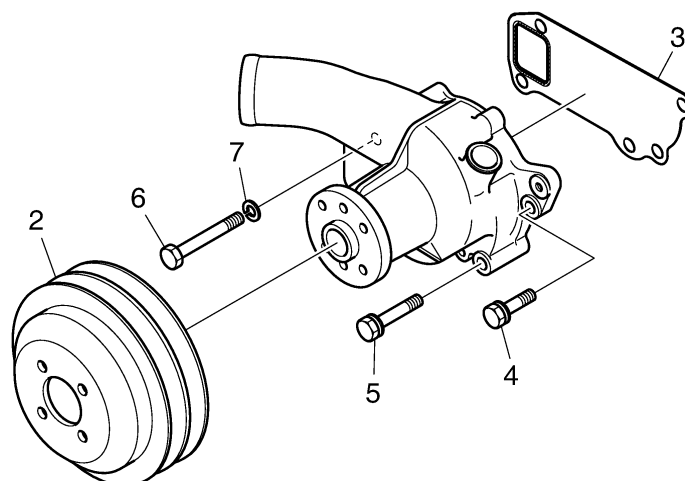
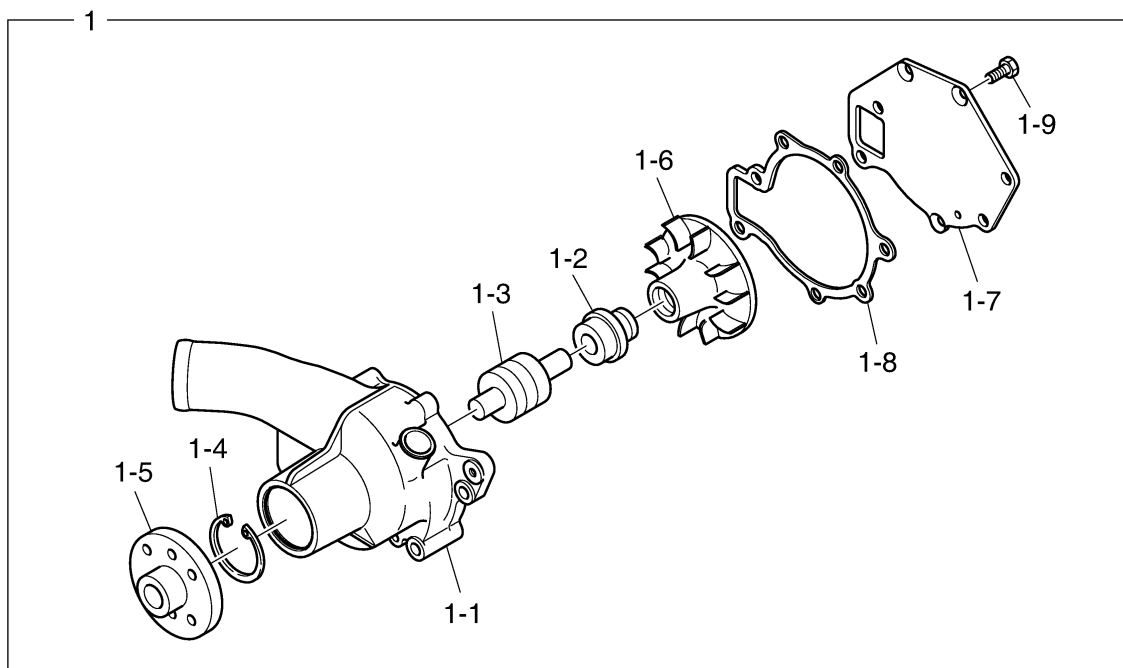
THERMOSTAT



THERMOSTAT

Key No.	Part No.	ICA	Description	Q'ty	S.C	Adpated Date
1	46696809		HOUSING ASS'Y	1		
2	46682866		GASKET;THERMOSTAT HSG	1		
3	46683274		BOLT M10X1.25X90	2		
4	46681381		BOLT M10X1.25X85	1		
5	46682052		BOLT M10X1.25X30	3		
6	46682727		WASHER;SPRING	6		
7	46682770		THERMOSTAT ASSY (82 C)	1		
8	46696702		GASKET;THERMOSTAT	1		
9	46682780		OUTLET,WATER;FOR THERMOSTAT	1		
10	46682794		BOLT ASS'Y M8X22	3		
11	46682988		SWITCH;THERMO	1		
12	NAP		SENSOR,TEMPERATURE;WATER	1		
13	46682932		SCREW;PLUG	1		
14	NAP	I	HOSE;RUBBER	1		~ 20150118
14	46696698		HOSE,COOLING WATER	1		20150119 ~
15	46682755		CLAMP;HOSE	2		~ 20150118
15	NAP		CLAMP,HOSE	2		20150119 ~
16	46682936		SCREW;PLUG	1		
17	46682753		RING;SEAL	1		

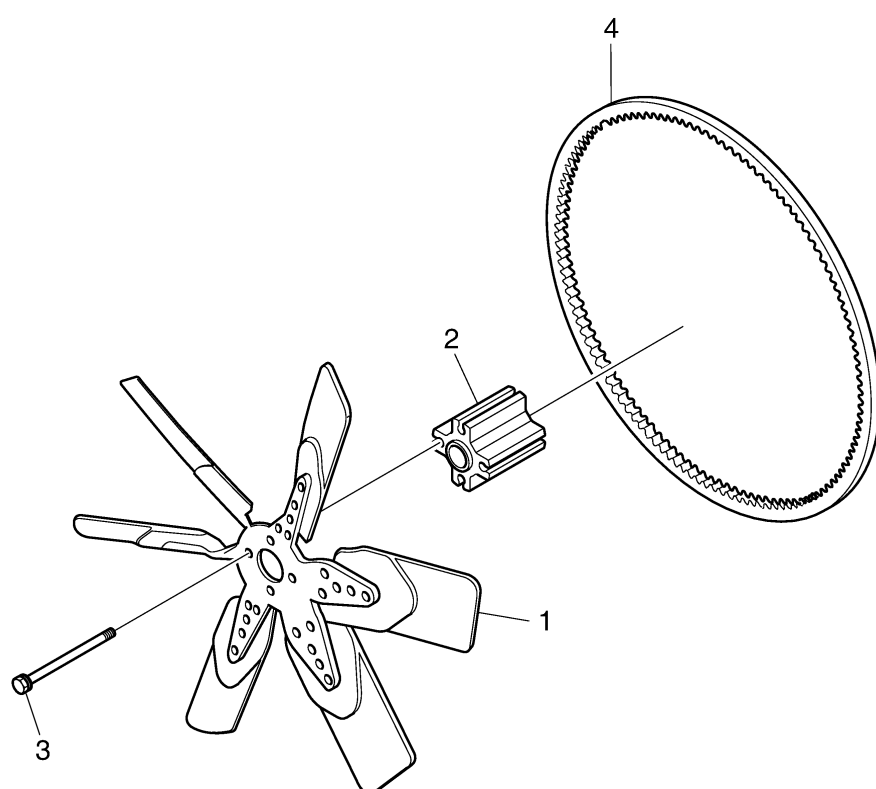
WATER PUMP



WATER PUMP

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682856			PUMP ASSY;WATER	1		
1-1	NAP			HOUSING	1	NS	
1-2	46682861			SEAL;MECHANICAL	1		
1-3	46682954			BEARING	1		
1-4	46682738			SNAP RING	1		
1-5	46682858			HUB;V-BELT PULLEY	1		
1-6	46682859			IMPELLER	1		
1-7	46682860			COVER	1		
1-8	46682865			GASKET	1		
1-9	46682061			SCREW;CROSS M8X20	3		
2	46696807			PULLEY;V-BELT	1		
3	46682855			GASKET	1		
4	46682044			BOLT ASS'Y M10X35	1		
5	46682054			BOLT ASS'Y M10X1.25X50	1		
6	NAP			BOLT M10X1.25X75	1		
7	46682730			WASHER;SPRING	1		

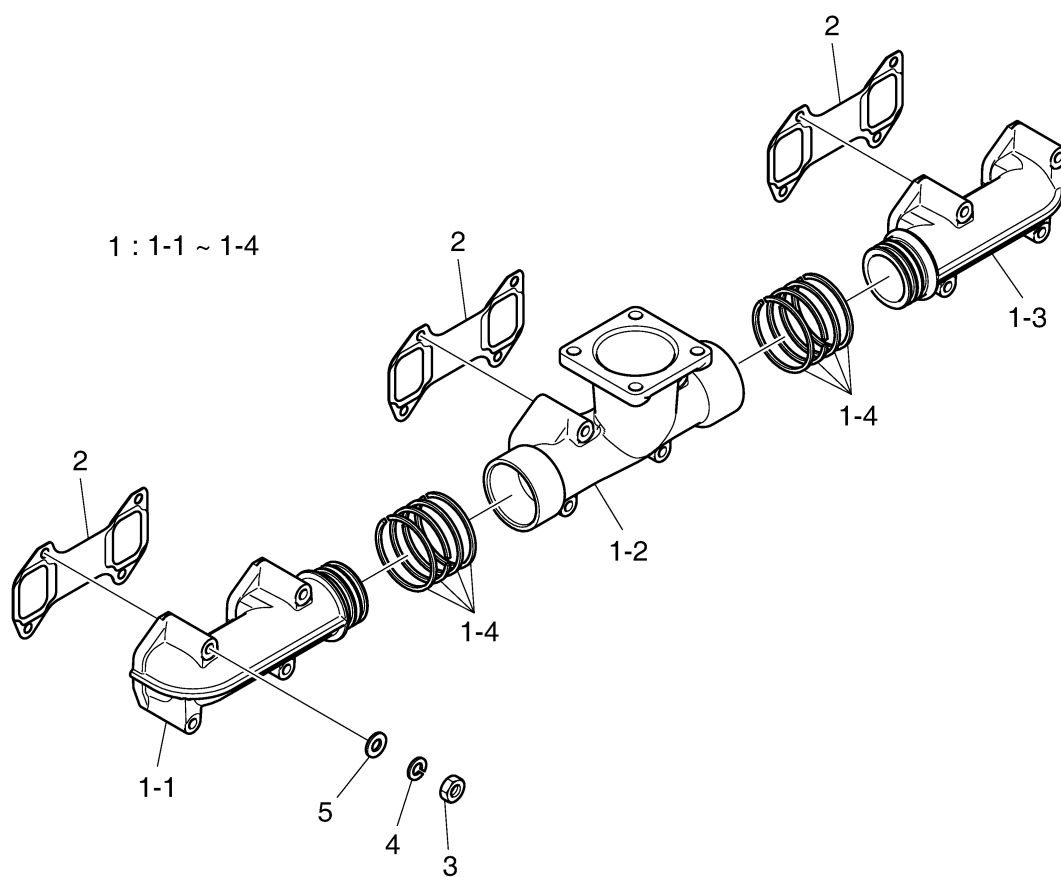
COOLING FAN



COOLING FAN

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682862			FAN;COOLING(6 BLADE)	1		
2	46682863			FLANGE,FAN	1		
3	46682912			BOLT ASSY;CYLINDER HEAD COVER	4		
4	46682969			V-BELT (DISC) (SET OF 2)	1		

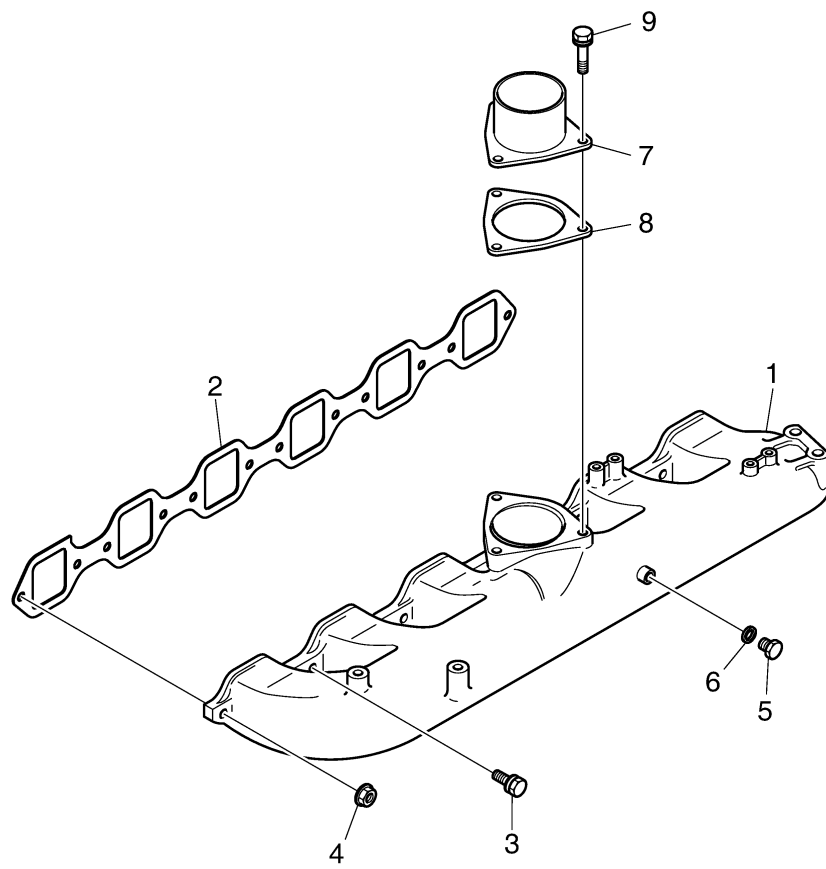
EXHAUST MANIFOLD



EXHAUST MANIFOLD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682868			MANIFOLD;EXHAUST ASS'Y	1		
1-1	46696708			MANIFOLD;EXHAUST(L.H)	1		
1-2	46682870			MANIFOLD;EXHAUST(CENTER)	1		
1-3	46682871			MANIFOLD;EXHAUST(R.H)	1		
1-4	46696694			RING;SEAL	8		
2	46686394	Y		GASKET;EXHAUST MANIFOLD	3		~ 20141006
2	NAP			GASKET,EXHAUST MANIFOLD	3		20141007 ~
3	46682374			NUT	12		
4	46682729			WASHER	12		
5	46682379			WASHER	12		

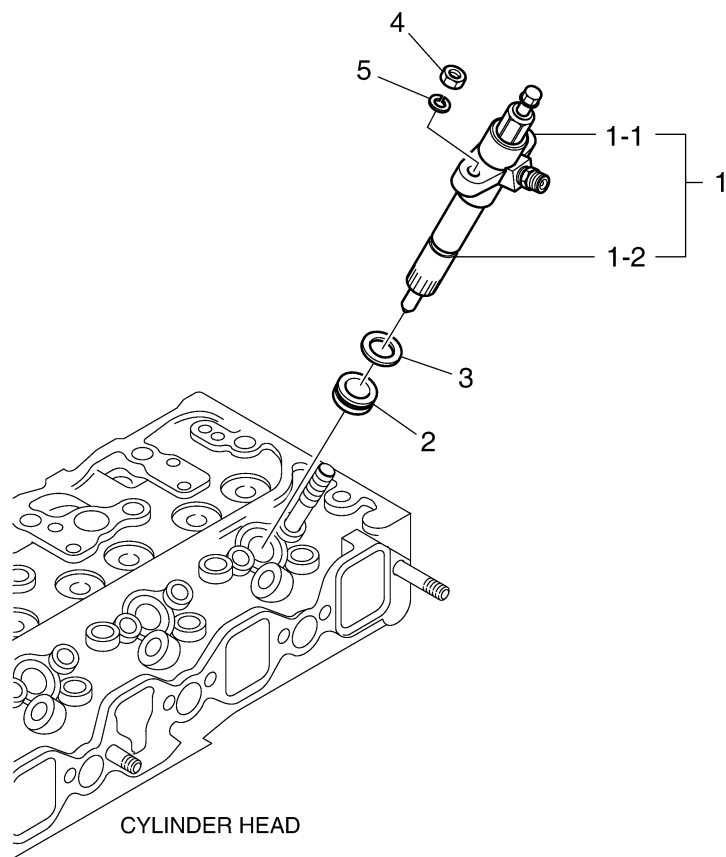
INTAKE MANIFOLD



INTAKE MANIFOLD

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682872			MANIFOLD,INTAKE	1		
2	46682874			GASKET;INTAKE MANIFOLD	1		
3	46682945			BOLT ASS'Y	9		
4	46687058			NUT	3		
5	46682370			SCREW;PLUG M10X1.25	1		
6	46682747			RING;SEAL	1		
7	46682873			STAKE,INTAKE	1		
8	46682793			GASKET;AIR PIPE	1		
9	46682047			BOLT ASS'Y M8X22	3		

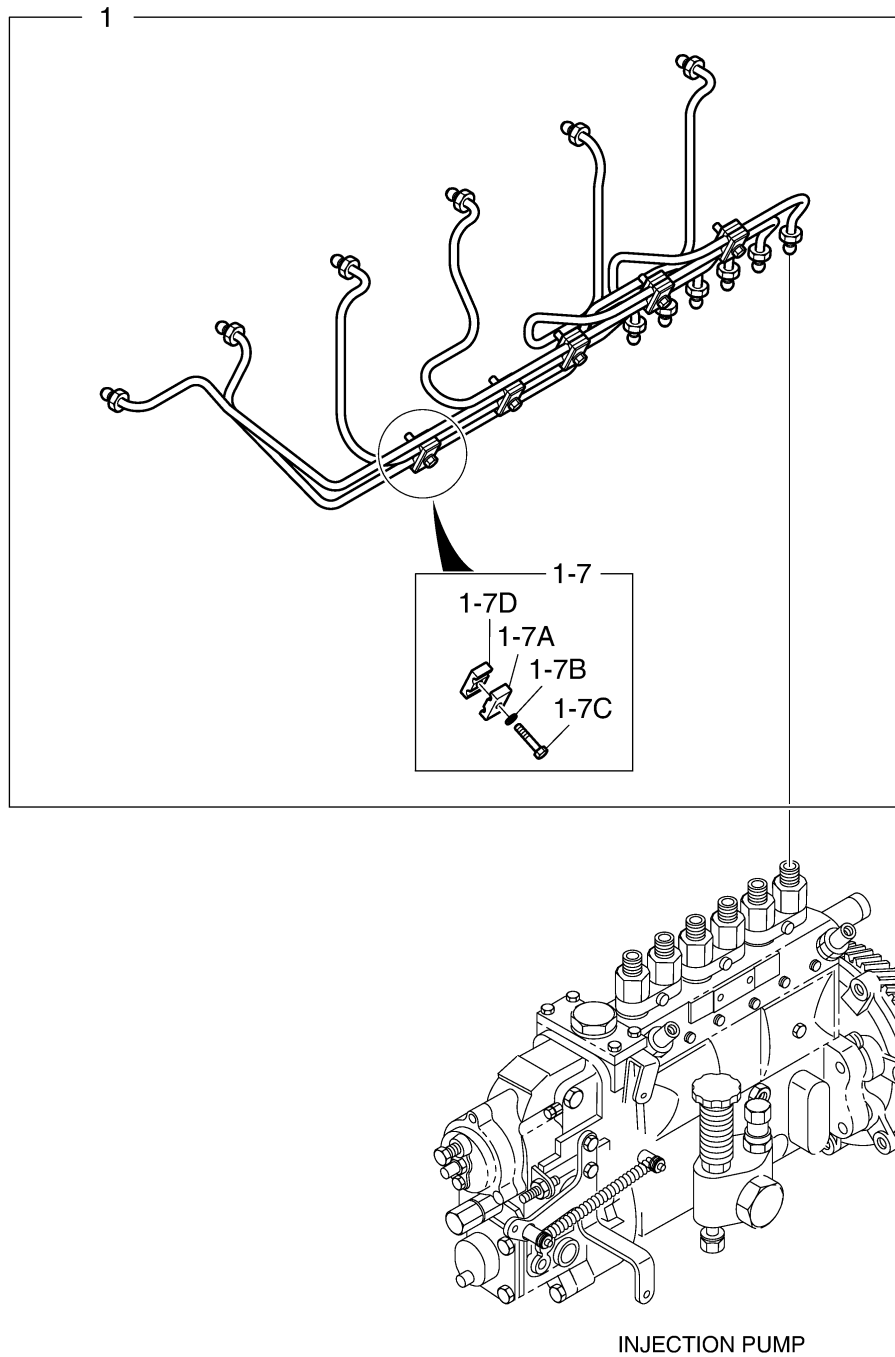
INJECTION NOZZLE



INJECTION NOZZLE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686433	I		HOLDER ASSY,NOZZLE	6		~ 20130829
1	NAP			HOLDER ASSY,NOZZLE	6		20130830 ~
1-1	46686432			HOLDER;NOZZLE	1		~ 20130829
1-2	46682875			NOZZLE	1		
2	46696696			SEAL;RING	6		
3	46696697			RING;SEAL	6		
4	46682374			NUT	12		
5	46682729			WASHER	12		

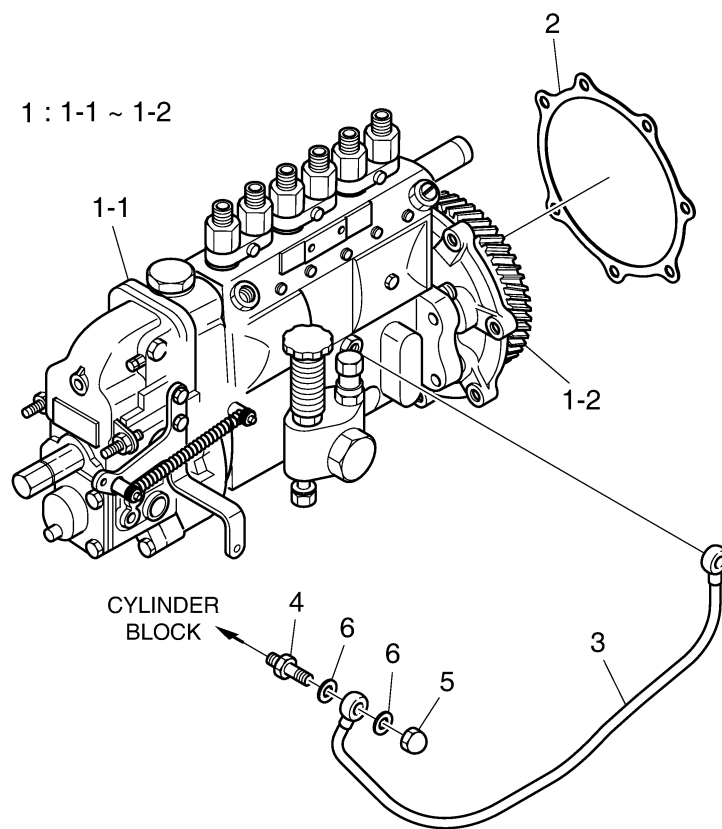
INJECTION PIPE



INJECTION PIPE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682882			PRESSURE PIPE ASS'Y	1		
1-7	46682975			PIPE CLIP ASS'Y	5		
1-7A	NAP			CLIP,PIPE	1		
1-7B	NAP			CLIP,PIPE	1		
1-7C	46682728			WASHER;SPRING	1		
1-7D	NAP			BOLT,HEX	1	NS	

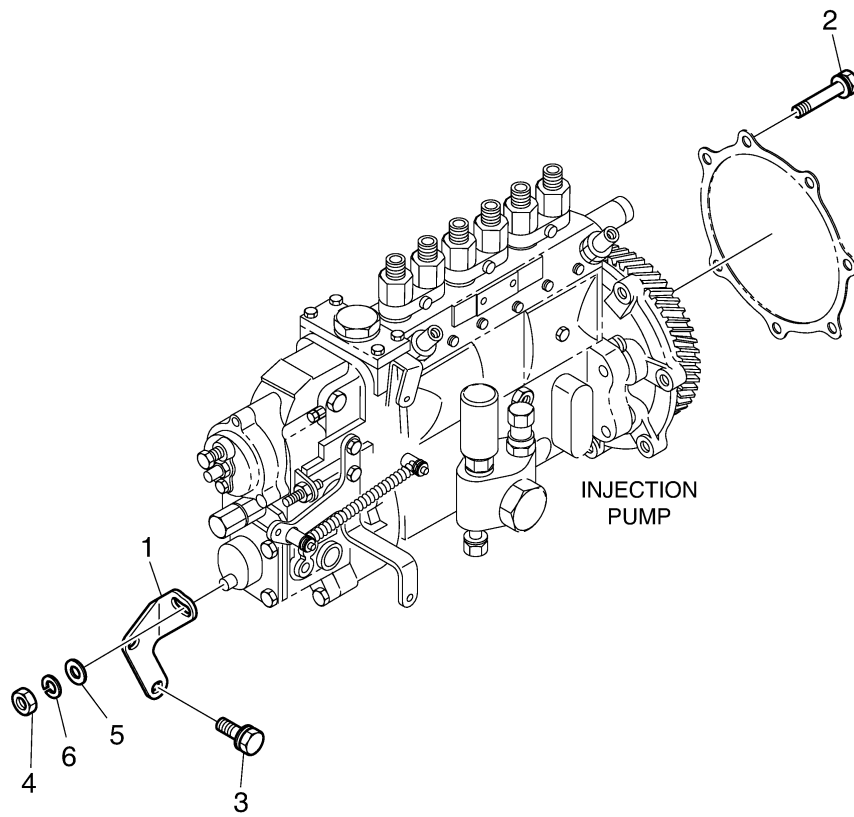
INJECTION PUMP



INJECTION PUMP

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46696701			PUMP ASSY,INJECTION	1		
1-1	46696810			PUMP,INJECTION	1		
1-2	46682885			GEAR,INJECTION PUMP	1		
2	46682811			GASKET;INJECTION PUMP MOUNTING	1		
3	46682843			PIPE;OIL	1		
4	46682987			UNION;HOLLOW	1		
5	46682377			NUT;CAP	1		
6	46682747			RING;SEAL	2		

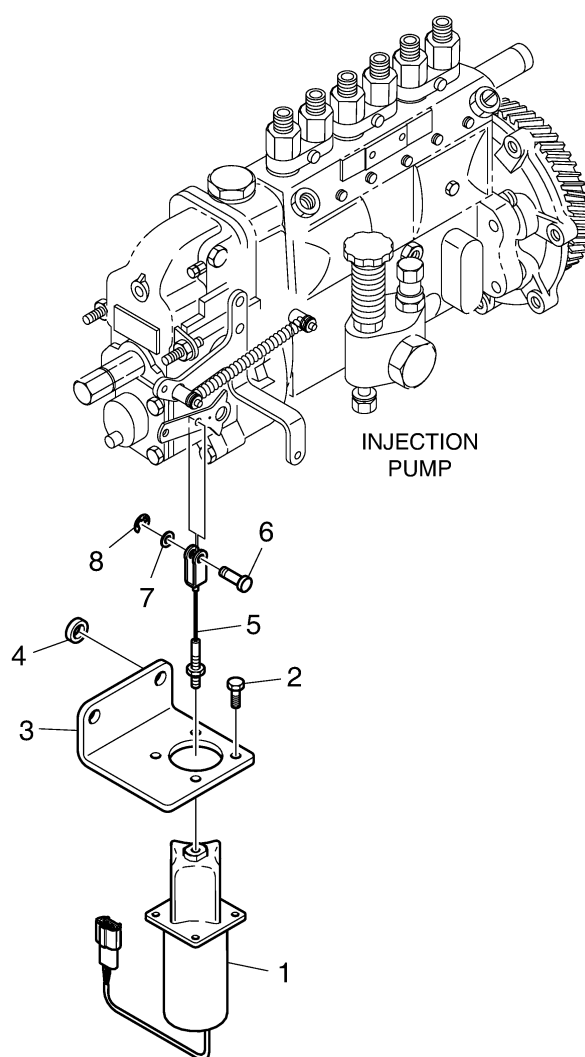
INJECTION PUMP MOUNTING



INJECTION PUMP MOUNTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46696808			BRACKET;REAR	1		
2	46682042			BOLT ASS'Y M8X55	7		
3	NAP			BOLT ASS'Y M10X1.25X20	2		
4	46687603			NUT M10X1.25	1		
5	46682724			WASHER;PLAIN	1		
6	46682730			WASHER;SPRING	1		

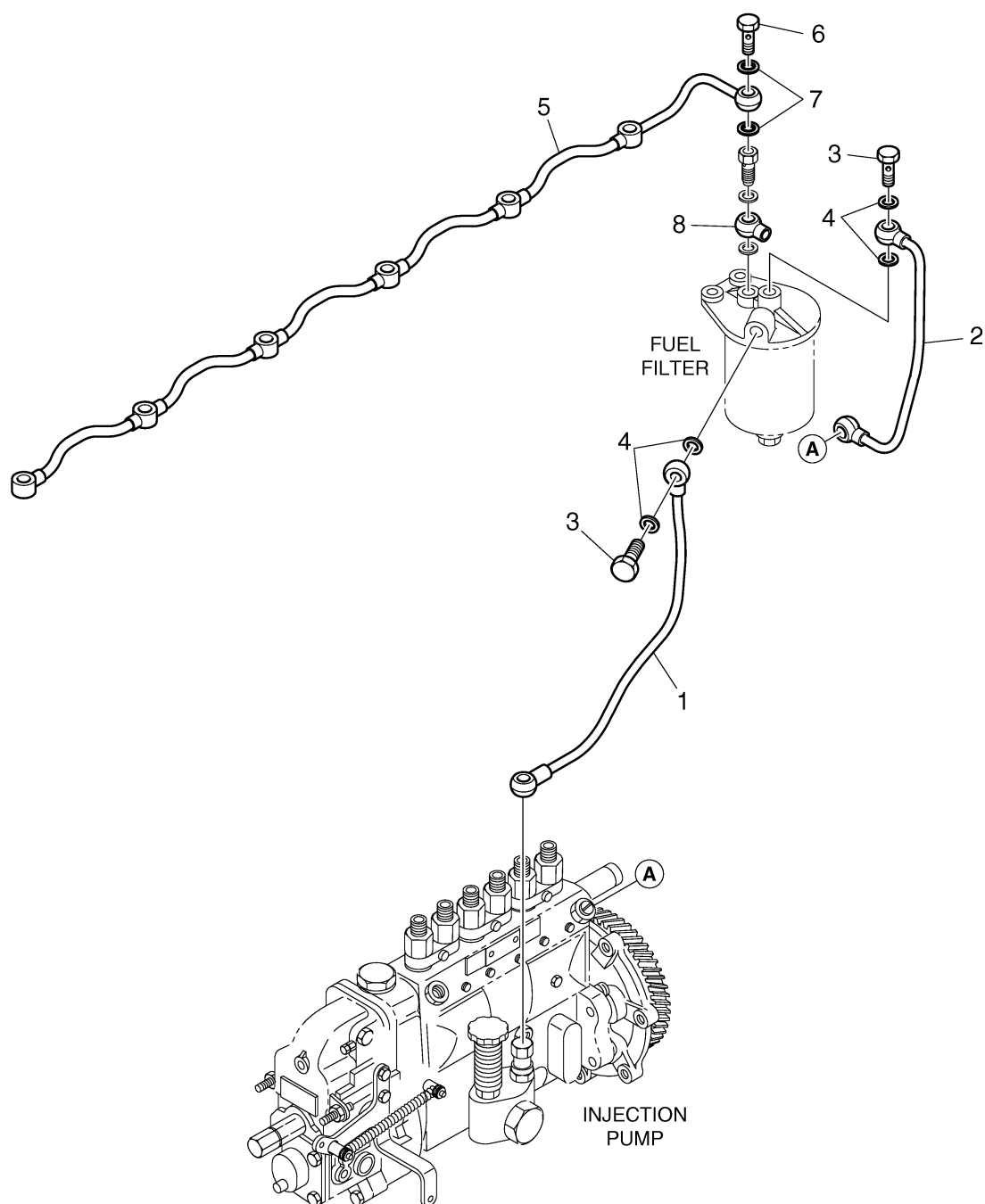
ENGINE CONTROL



ENGINE CONTROL

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46686751	I		VALVE ASSY,SOLENOID	1		~ 20140206
1	NAP			SOLENOID,STOP	1		20140207 ~
2	46683287			BOLT;HEX M6X12	4		
3	46682904			BRACKET,SOLENOID	1		
4	46682942			WASHER	1		
5	46682887			CABLE;ENGINE STOP	1		
6	46682781			PIN	1		
7	46682378			WASHER;PLAIN	1		
8	46682739			RING,SNAP	1		

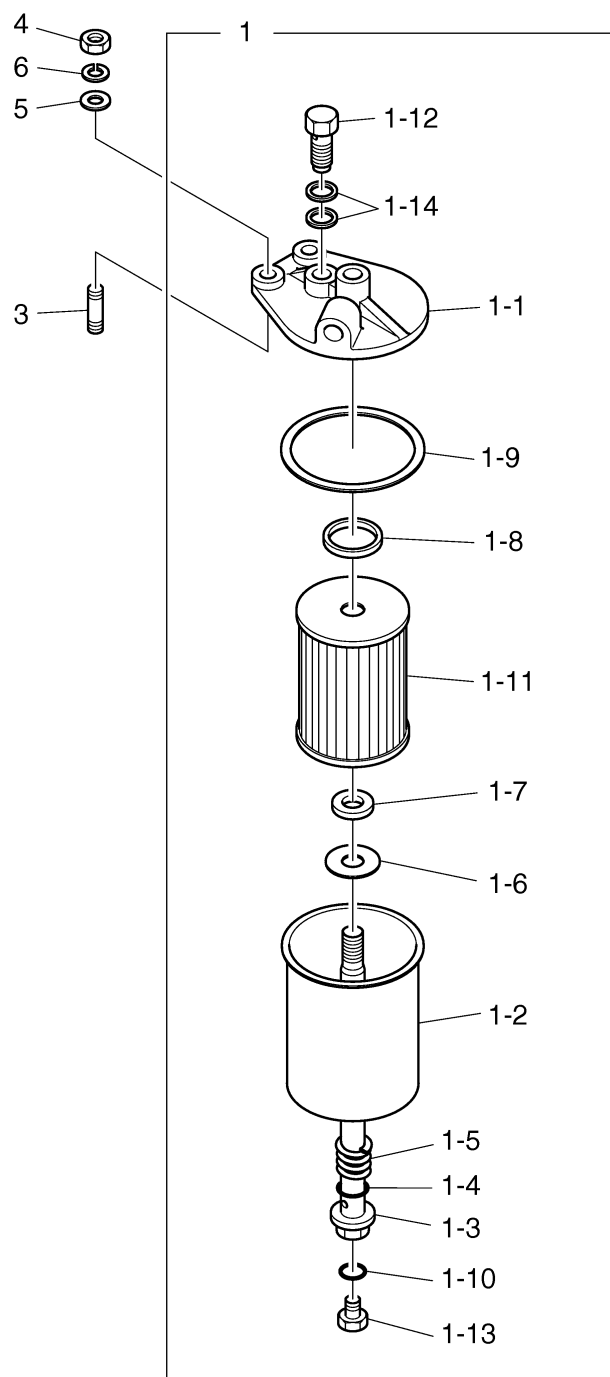
FUEL LINE



FUEL LINE

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682891			PIPE;FUEL	1		
2	46682892			PIPE;FUEL	1		
3	46682758			SCREW;HOLLOW	2		
4	46682964			RING;SEAL	4		
5	46696704			PIPE;FUEL	1		
6	46682986			SCREW;HOLLOW	1		
7	46682961			RING;SEAL	14		
8	46682980			UNION,BANJO	1		

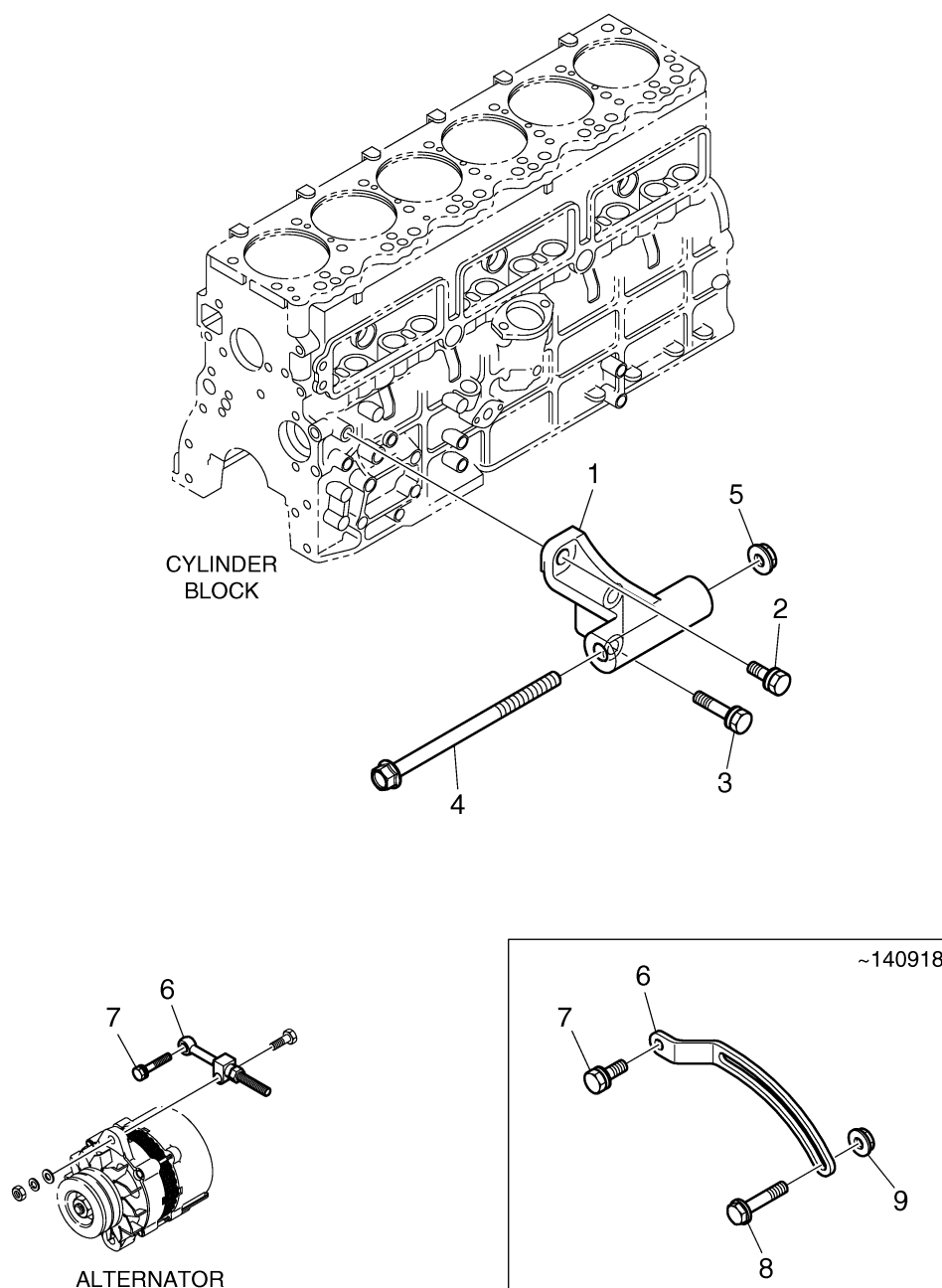
FUEL FILTER



FUEL FILTER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682893			FILTER ASSY,FUEL	1		
1-1	46682896			COVER	1		
1-2	46682894			HOUSING	1		
1-3	46682901			BOLT;CENTER	1		
1-4	46682743			O-RING	1		
1-5	46682976			SPRING	1		
1-6	46682902			SEAT;SPRING	1		
1-7	46696707			PACKING	1		
1-8	46696706			PACKING	1		
1-9	46682899			PACKING	1		
1-10	46682742			O-RING	1		
1-11	46682895			ELEMENT,FUEL FILTER	1		
1-12	46696811			VALVE;OVER FLOW	1		
1-13	46682373			SCREW;PLUG M10X1.25	1		
1-14	46696695			RING;SEAL	2		
3	46682063			BOLT;STUD M10X1.25X28	2		
4	46682375			NUT;HEX. M10	2		
5	46682724			WASHER;PLAIN	2		
6	46682730			WASHER;SPRING	2		

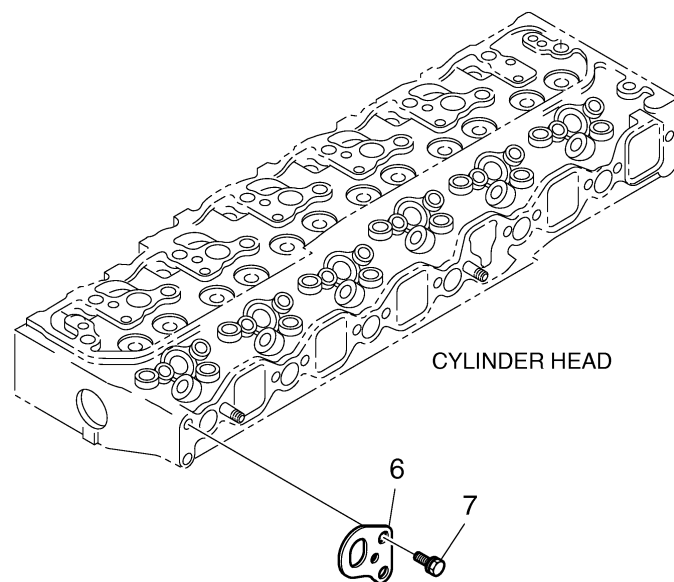
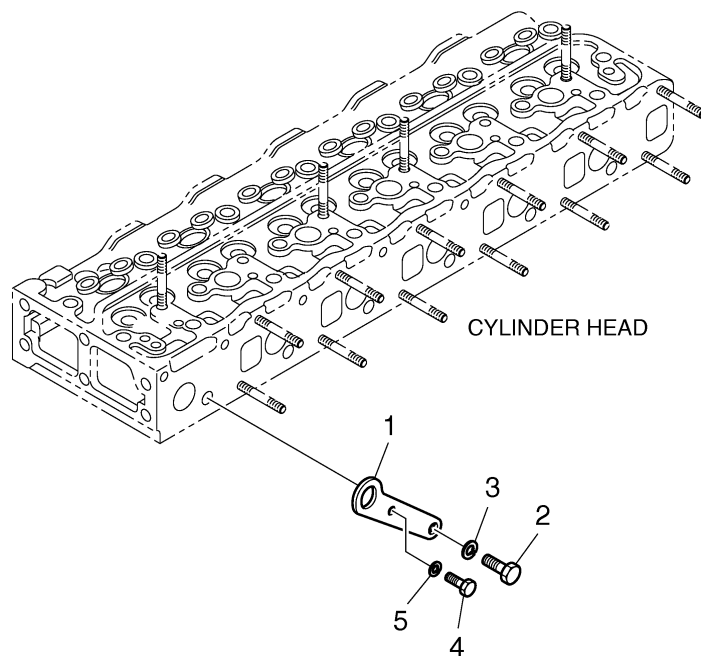
ALTERNATOR MOUNTING



ALTERNATOR MOUNTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682903			BRACKET	1		
2	46682057			BOLT ASS'Y M10X1.25X25	1		
3	46682053			BOLT ASS'Y M10X1.25X35	2		
4	46682761			BOLT,COLLARED HEX	1		
5	46682941			NUT;HEX M12X1.5	1		
6	46686733			BRACKET,ALTERNATOR SUPPORT	1		~ 20140918
6	NAP			BOLT ASSY,EYE	1		20140919 ~
7	46683578			BOLT ASSY	1		~ 20140918
7	46682883			BOLT ASS'Y M12X1.5X40	1		20140919 ~
8	46684544			BOLT,COLLARED HEX	1		~ 20140918
9	46687058			NUT	1		~ 20140918

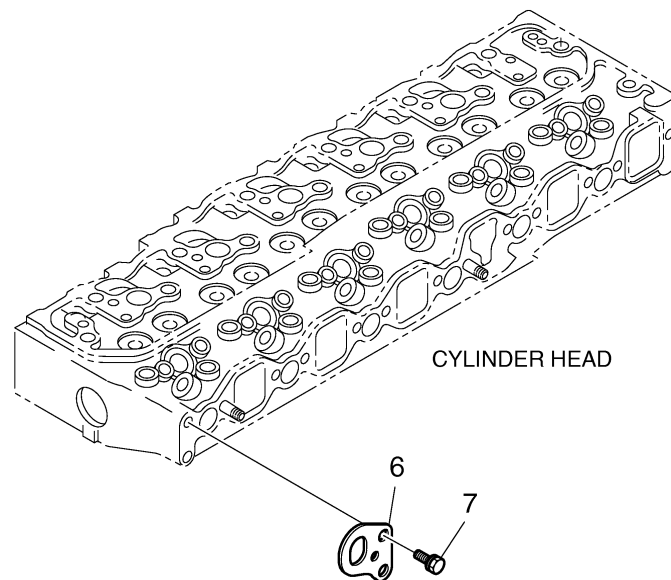
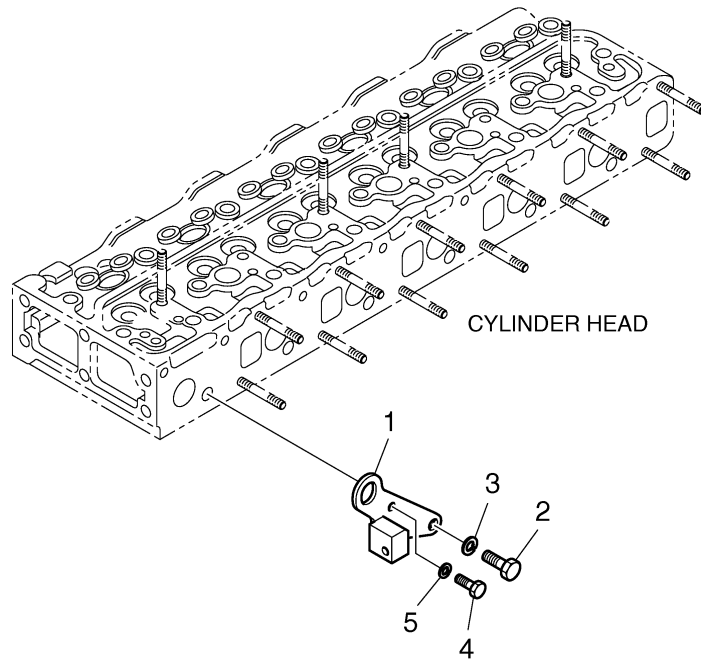
ENGINE LIFTING



ENGINE LIFTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682764			HOOK;LIFTING	1		
2	46682035			BOLT;HEX M14X1.5X25	1		
3	46682731			WASHER;SPRING	1		
4	46683289			BOLT M10X1.25X22	1		
5	46682730			WASHER;SPRING	1		
6	46686744			HOOK;LIFTING	1		
7	46682051			BOLT ASS'Y M10X1.25X20	2		

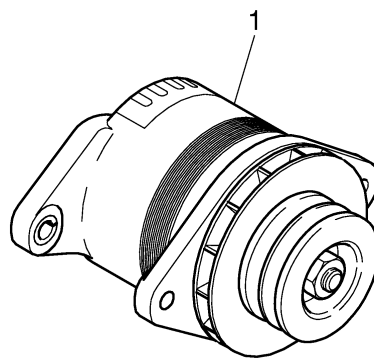
ENGINE LIFTING



ENGINE LIFTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682764			HOOK,LIFTING	1		
2	46682035			BOLT;HEX M14X1.5X25	1		
3	46682731			WASHER;SPRING	1		
4	46683289			BOLT M10X1.25X22	1		
5	46682730			WASHER;SPRING	1		
6	46686744			HOOK,LIFTING	1		
7	46682051			BOLT ASS'Y M10X1.25X20	2		

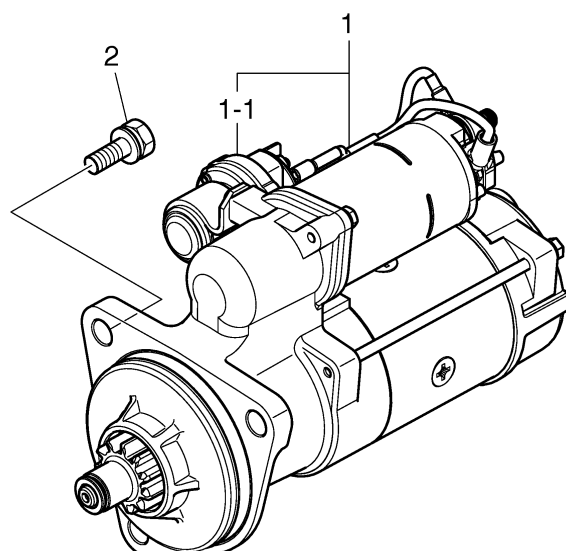
ALTERNATOR



ALTERNATOR

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682771			ALTERNATOR	1		

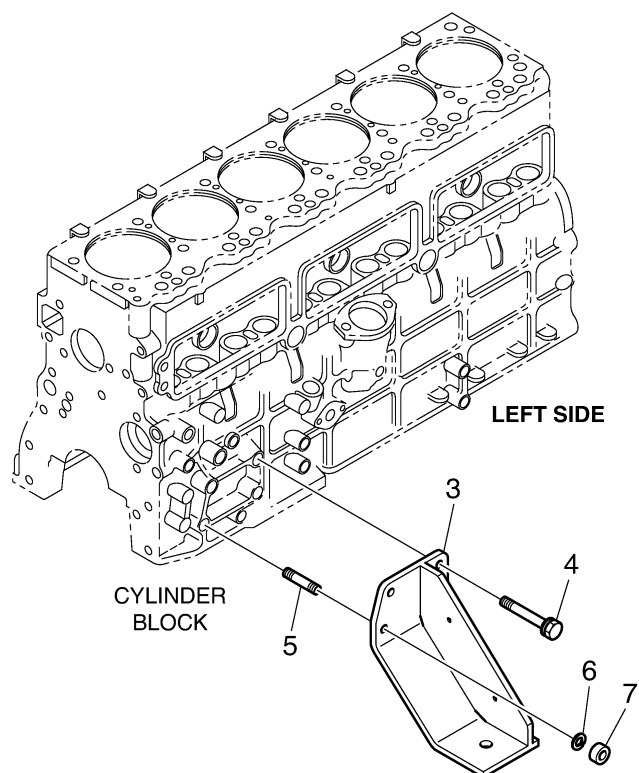
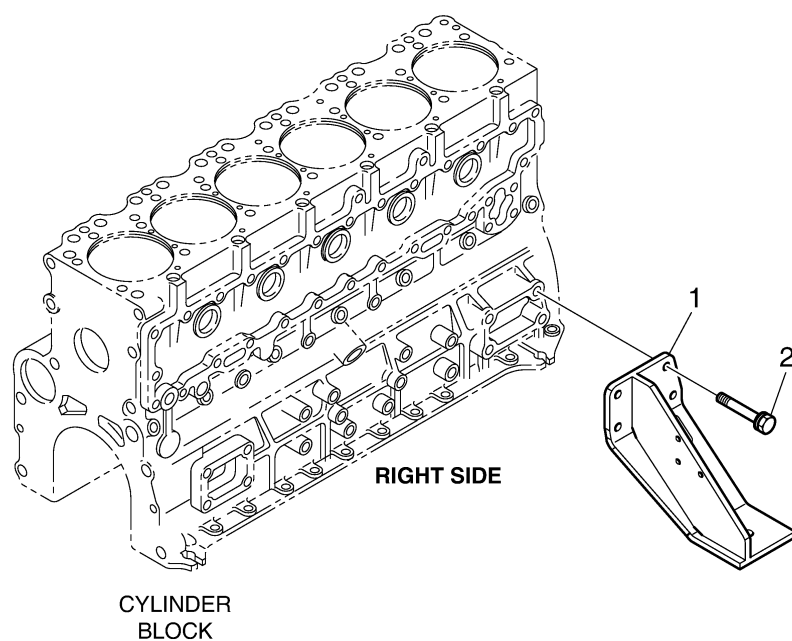
STARTER



STARTER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46684840	I		STARTER ASSY	1		~ 20130806
1	NAP			STARTER ASSY	1		20130807 ~
1-1	NAP			RELAY,STARTER	1		20130807 ~
2	46682991			BOLT ASS'Y M12X1.5X35	3		

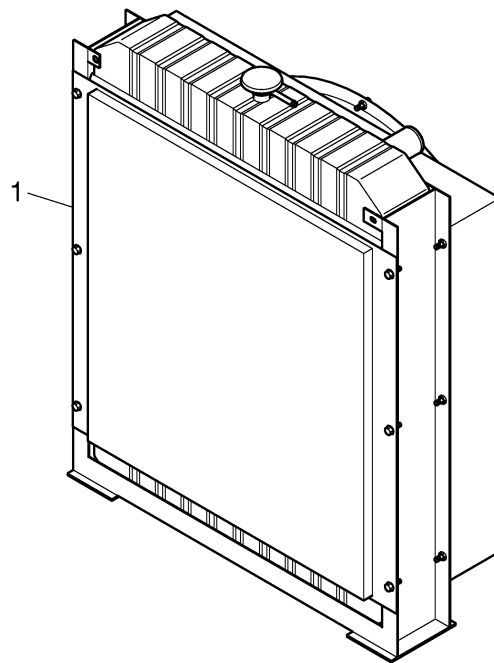
ENGINE MOUNTING



ENGINE MOUNTING

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46682910			BRACKET,MOUNTING;RIGHT HAND	1		
2	46682057			BOLT ASS'Y M10X1.25X25	4		
3	46682911			BRACKET,MOUNTING;LEFT HAND	1		
4	46682057			BOLT ASS'Y M10X1.25X25	3		
5	46682922			BOLT;STUD	1		
6	46682730			WASHER;SPRING	1		
7	46687603			NUT M10X1.25	1		

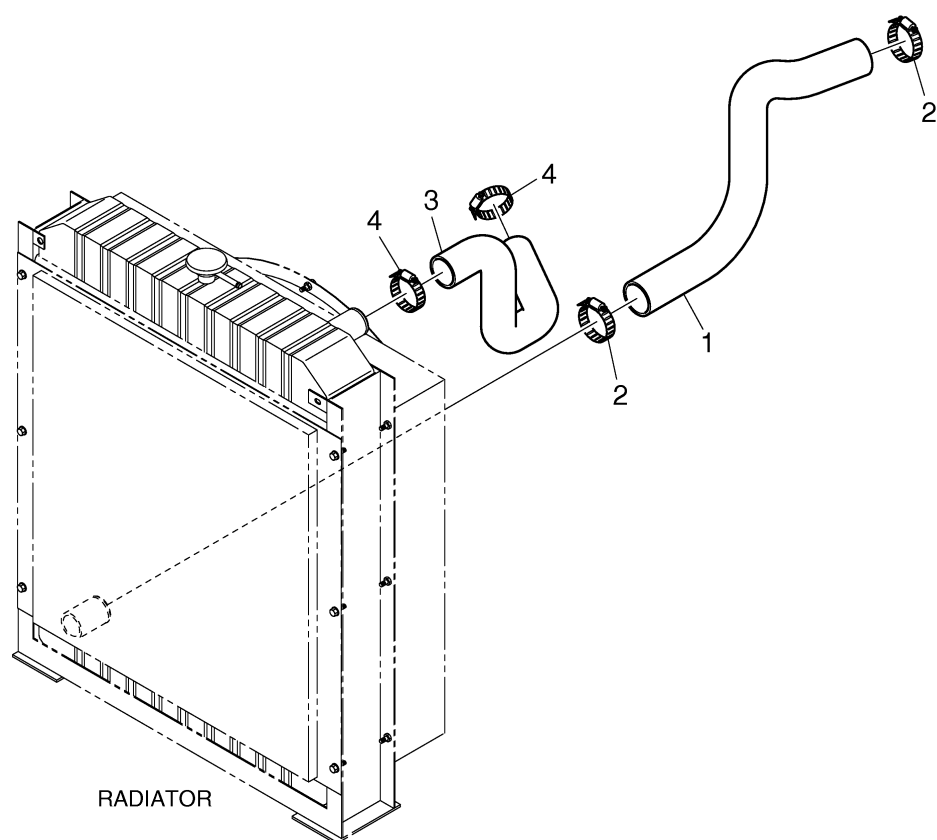
ACCESSORIES



ACCESSORIES

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

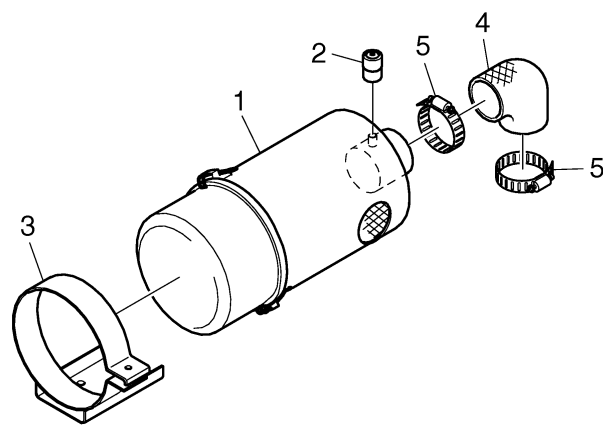
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			HOSE,RUBBER	1		
2	46682756			CLAMP;HOSE	2		
3	NAP			HOSE,RUBBER;FOR RADIATOR	1		
4	46682756			CLAMP;HOSE	2		

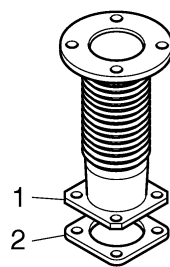
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			CLEANER,AIR	1		
2	46696814			INDICATOR;SERVICE	1		
3	NAP			BAND,AIR CLEANER;AIR CLEANER	1		
4	NAP			HOSE,AIR	1		
5	46682757			CLAMP;HOSE	2		

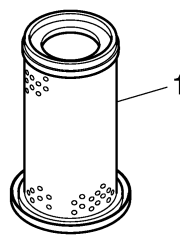
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			BELLOWS;P034TI / DB58	1		
2	46682968			GASKET	1		

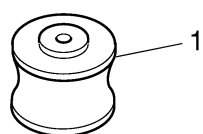
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			ELEMENT,AIR CLEANER;DB33/DB58	1		

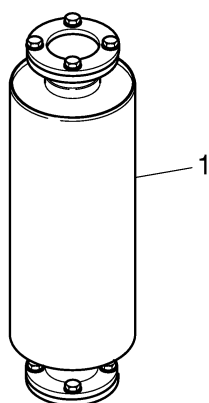
ACCESSORIES



ACCESSORIES

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

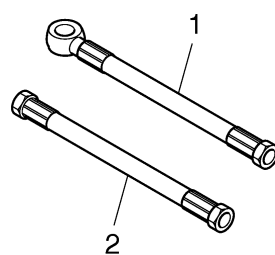
ACCESSORIES



ACCESSORIES

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

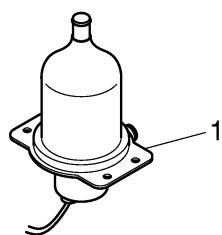
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46690638			TUBE	1		
2	46682959			TUBE,FUEL;RETURN	1		

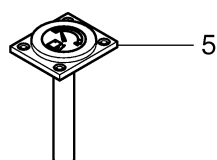
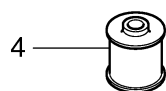
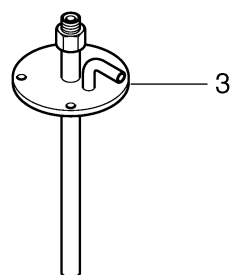
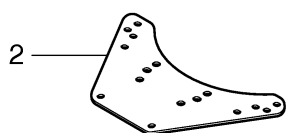
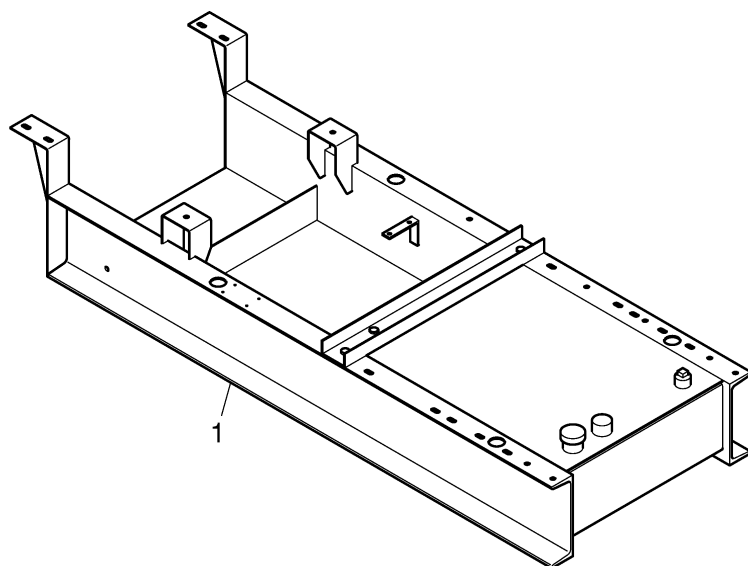
ACCESSORIES



ACCESSORIES

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

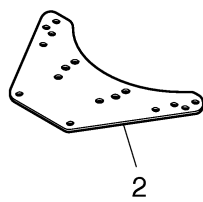
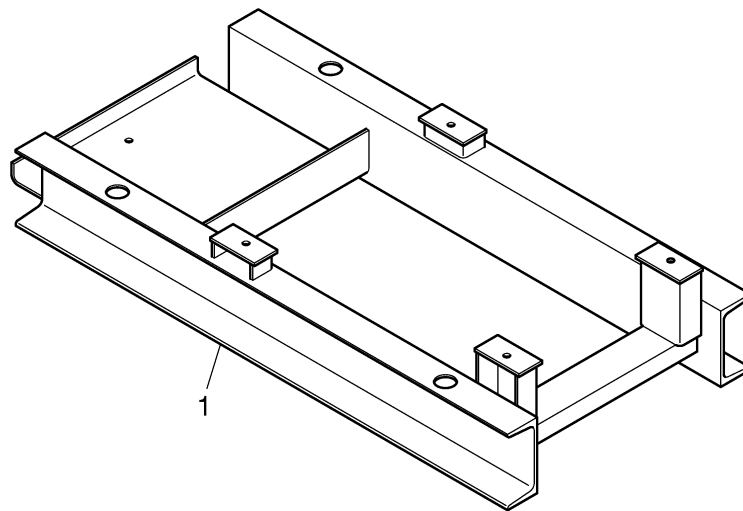
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			FRAME	1	NS	
2	46682909			BRACKET	1		
3	46696705			PIPE,FUEL	1		
4	46686713			FILTER,FUEL STRAINER	1		
5	46682846			GAUGE,OIL LEVEL	1		

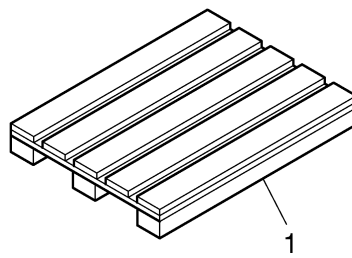
ACCESSORIES



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		

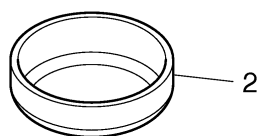
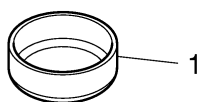
ACCESSORIES



ACCESSORIES

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	NAP			PALLET;DB58	1	NS	

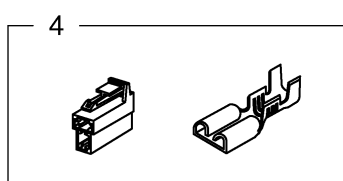
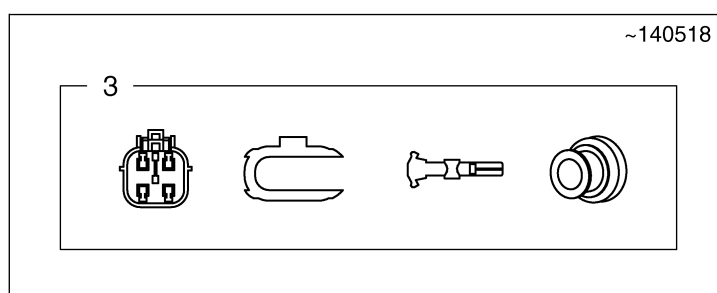
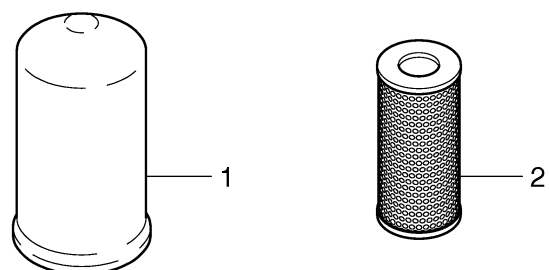
DUST COVER



DUST COVER

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46687397			CAP,RUBBER	1		
2	46682970			CAP,RUBBER	2		

SPARE PART



SPARE PART

Key No.	Part No.	ICA		Description	Q'ty	S.C	Adpated Date
1	46691801			ELEMENT;OIL FILTER	1		
2	46682895			ELEMENT;FUEL FILTER	1		
3	46686764			CONNECTER;OIL PRESSURE SENSOR	1		~ 20140518
4	46682905			CONNECTER;ALTERNATOR	1		



Portable Power