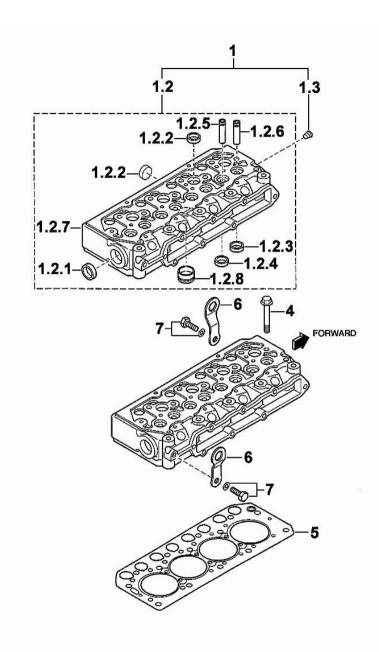


Section: B0 - ENGINE Ref: B0.00.2 (1)

ENGINE

Fig.	P/n	QTY	Name
Notes: [SOLARIS	S 55 ->ZKDS1301V0MS	320001] [SOL	ARIS 55 ->ZKDS1302V0MS20001]
101	6.N8800.01.0	1	new engine <=50 kw

101 @ 6.N8800.01.0 @ 6.N8800.01.0



MIT_H36_003-A-001

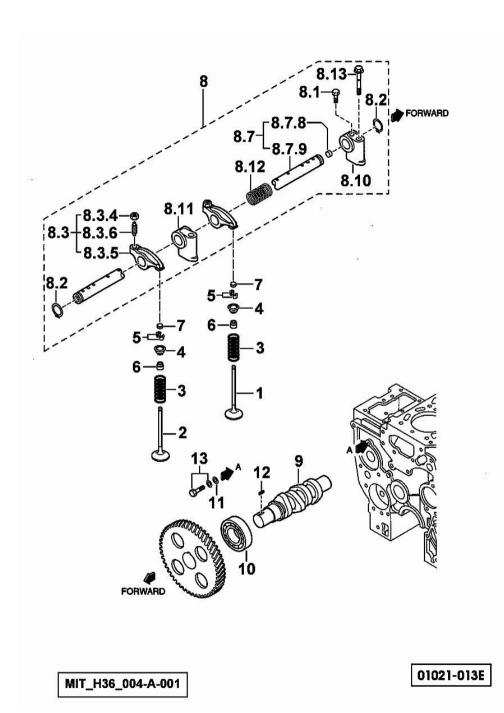
01011-001E 47CV

SOLARIS 55 -> ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

CYLINDER HEAD

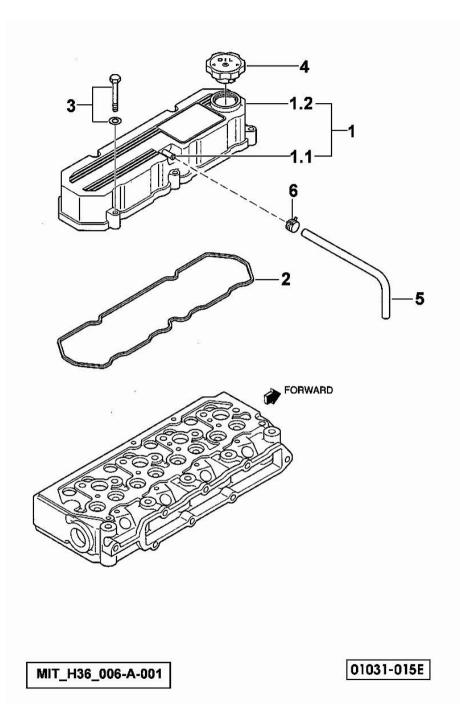
Fig.	P/n	QTY	Name
1	0.010.3986.1	1	engine head
1.2	0.000.0000.1		cannot be supplied
1.2.1	0.010.2634.1	1	plug
1.2.2	0.009.4527.0	7	plug
1.2.3	0.000.0000.1		cannot be supplied
1.2.4	0.000.0000.1		cannot be supplied
1.2.5	0.010.2634.2	4	valve guide
1.2.6	0.010.2635.0	4	valve guide
1.2.7	0.000.0000.1		cannot be supplied
1.2.8	0.010.2636.2	4	special bushing
1.3	0.009.4545.1	1	plug
4	0.010.2633.1	14	screw
5	0.010.2635.2	1	gasket
6	0.009.4541.2	2	bracket
7	0.010.2633.0	2	screw



Section: B0 - ENGINE Ref: 6.N8800.01.0

CYLINDER HEAD

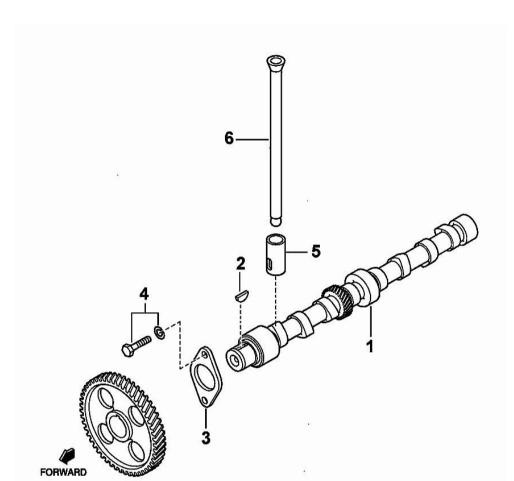
	DER HEAD		
Fig.	P/n	QTY	Name
	0.010.0407.0	4	
1	0.010.2637.2	4	inlet valve Ø mm 6.5
2	0.010.2638.0	4	exhaust valve Ø mm 6.5
3	0.010.2638.1	8	spring
4	0.000.0000.1	8	cannot be supplied
5	0.009.4561.2	16	stop
6	0.009.4562.0	8	gasket
7	0.010.2639.0	8	cap
8	0.000.0000.1	1	cannot be supplied
8.1	0.010.2640.1	1	screw
8.2	0.009.4559.0	2	ring
8.3	0.010.3949.0	8	rocker arm
8.3.4	0.010.2641.0	8	nut
8.3.5	0.000.0000.1		cannot be supplied
8.3.6	0.010.3949.1	8	register
8.7	0.010.2644.1	1	shaft
8.7.8	0.010.2643.0	2	plug
8.7.9	0.000.0000.1		cannot be supplied
8.10	0.010.2642.0	1	support
8.11	0.010.2642.1	3	support
8.12	0.010.2643.1	3	spring
8.13	0.010.2643.2	4	screw
9	0.010.2644.0	1	camshaft
10	0.009.4567.0	1	special bearing
11	0.009.4566.0	1	washer
12	0.009.4567.2	1	stick
13	0.010.2639.1	1	screw



Section: B0 - ENGINE Ref: 6.N8800.01.0

CYLINDER HEAD

Fig.	P/n	QTY	Name
1	0.010.2647.1	1	cover
1.1	0.010.2047.1	1	cannot be supplied
1.2	0.000.0000.1		cannot be supplied
2	0.010.2647.2	1	gasket
3	0.010.2645.2	5	screw
4	0.009.4548.0	1	plug
5	0.009.4781.2	1	tube
6	0.010.2206.0	1	clamp



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SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE

Ref: 6.N8800.01.0

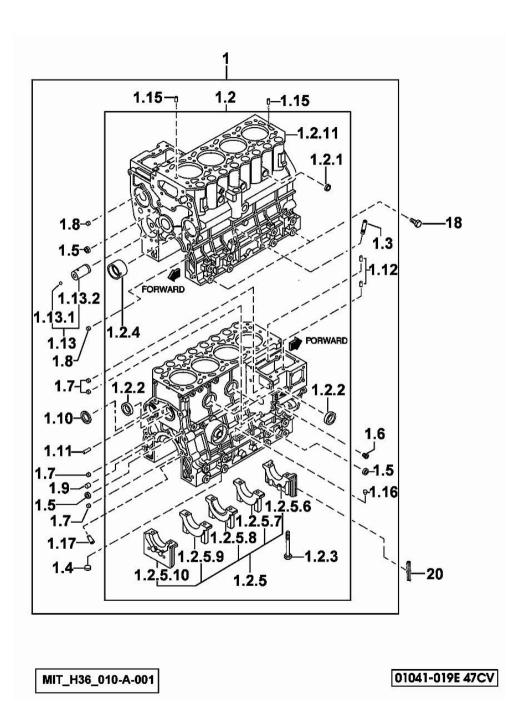
CAMSHAFT

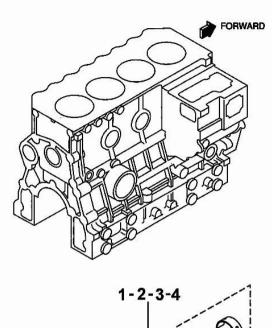
Fig.	P/n	QTY	Name
	0.010.2040.2		1.0
1	0.010.3949.2	1	camshaft
2	0.009.4555.1	1	key
3	0.010.3950.0	1	small plate
4	0.010.2639.1	2	screw
5	0.010.3950.1	8	tappets
6	0.010.2646.2	8	rod

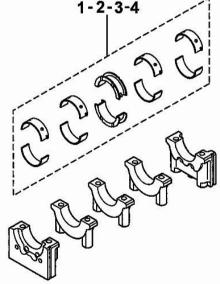
Section: B0 - ENGINE Ref: 6.N8800.01.0

CRANKCASE

Fig.	P/n	QTY	Name	
1	0.010.3986.2	1	crankcase	
1.2	0.000.0000.1		cannot be supplied	
1.2.1	0.010.2652.1	3	special bushing	
1.2.2	0.010.2652.2	3	special bushing	
1.2.3	0.010.2653.0	10	screw	
1.2.4	0.010.2653.1	1	special bushing	
1.2.5	0.000.0000.1		cannot be supplied	
1.2.5.6	0.000.0000.1		cannot be supplied	
1.2.5.7	0.000.0000.1		cannot be supplied	
1.2.5.8	0.000.0000.1		cannot be supplied	
1.2.5.9	0.000.0000.1		cannot be supplied	
1.2.5.10	0.000.0000.1		cannot be supplied	
1.2.11	0.000.0000.1		cannot be supplied	
1.3	0.009.4523.2	1	guide	
1.4	0.010.2649.0	1	plug	
1.5	0.010.2649.1	3	special bushing	
1.6	0.009.4545.1	1	plug	
1.7	0.009.4524.2	4	special bushing	
1.8	0.009.4525.1	2	special bushing	
1.9	0.009.4525.2	1	special bushing	
1.10	0.009.4524.1	1	expansion plug	
1.11	0.010.3951.0	1	pin	
1.12	0.009.4523.0	2	pin	
1.13	0.010.2650.0	1	pin	
1.13.1	0.010.2650.1	1	ball	
1.13.2	0.000.0000.1		cannot be supplied	
1.15	0.010.2651.0	2	pin	
1.16	0.010.2651.1	1	plug	
1.17	0.010.3961.2	4	sprayers	
18	0.010.2648.1	4	screw	
20	0.010.2651.2	4	gasket	
			-	







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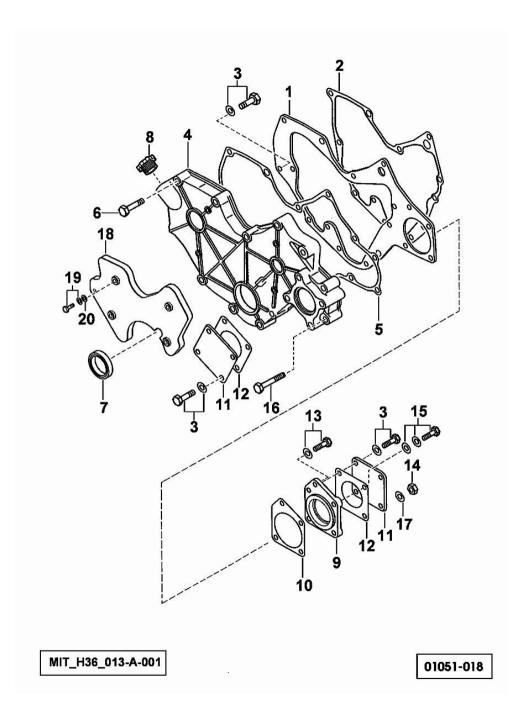
SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE

Ref: 6.N8800.01.0

MAIN BEARINGS

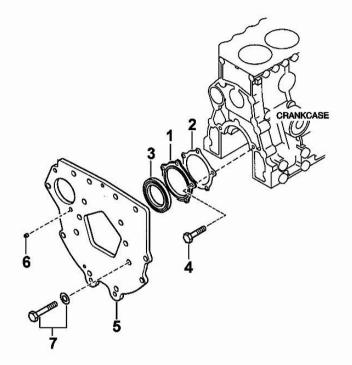
Fig.	P/n	QTY	Name
	,	,	
1	0.010.2656.2	1	main half bushing STANDARD
2	0.010.2657.0	1	main half bushing - mm 0.25
3	0.010.2657.1	1	main half bushing - mm 0.50
4	0.010.2657.2	1	main half bushing - mm 0.75



Section: B0 - ENGINE Ref: 6.N8800.01.0

TIMING CASE

Fig.	P/n	QTY	Name
	1	,	
1	0.010.2658.0	1	plate
2	0.010.2658.1	1	gasket
3	0.010.2639.1	10	screw
4	0.010.3951.1	1	flange
5	0.010.2659.0	1	gasket
6	0.010.2659.1	8	screw
7	0.009.4537.0	1	gasket
8	0.010.3951.2	1	plug
9	0.010.2660.0	1	flange
10	0.010.2660.1	1	gasket
11	0.009.4756.0	2	cover
12	0.010.3952.0	2	gasket
13	0.010.2661.0	1	screw
14	0.010.2661.1	2	nut
15	0.010.3952.1	1	screw
16	0.010.3952.2	2	screw
17	0.009.4539.2	2	spring washer
18	0.010.3953.0	1	cover
19	0.010.2662.2	4	screw
20	0.010.2663.0	4	washer



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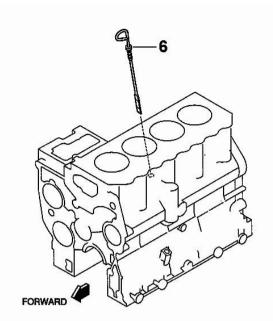
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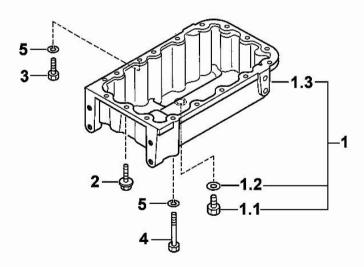
SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

FLYWHEEL HOUSING

Fig.	P/n	QTY	Name
1	0.010.2654.2	1	flange
2	0.010.2655.0	1	gasket
3	0.010.2655.1	1	special oil seal
4	0.010.2655.2	5	screw
5	0.010.3953.1	1	flange
6	0.009.4532.2	1	pin
7	0.010.3953.2	10	screw





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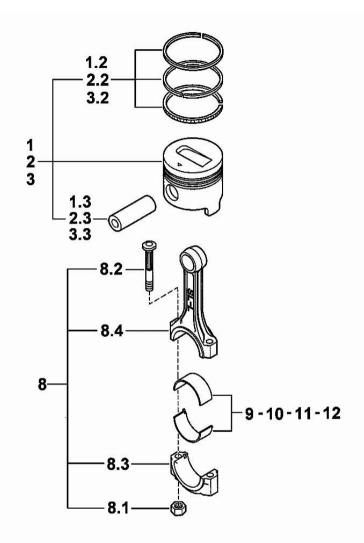
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SOLARIS 55 -> ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

OIL PAN

Fig.	P/n	QTY	Name
1	0.010.3954.0	1	oil sump
1.1	0.010.2664.0	1	plug
1.2	0.010.2663.2	1	gasket
1.3	0.000.0000.1		cannot be supplied
2	0.010.3954.1	12	screw
3	0.010.2664.2	1	screw
4	0.010.2665.0	4	screw
5	0.010.2665.1	5	washer
6	0.010.2687.1	1	dipstick



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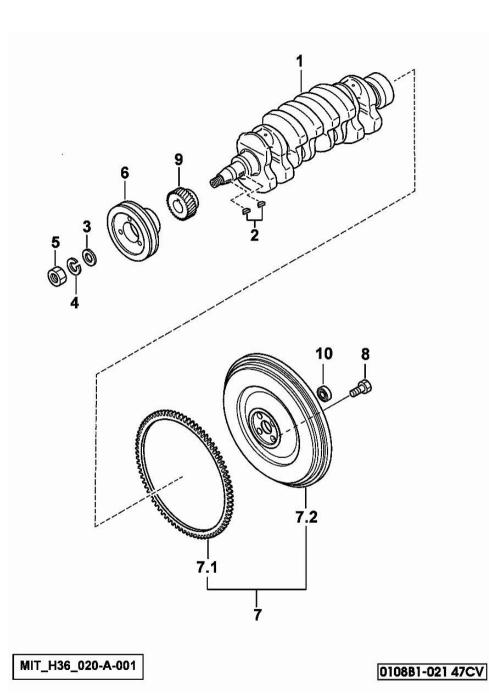
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SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

PISTON - CONNECTING ROD

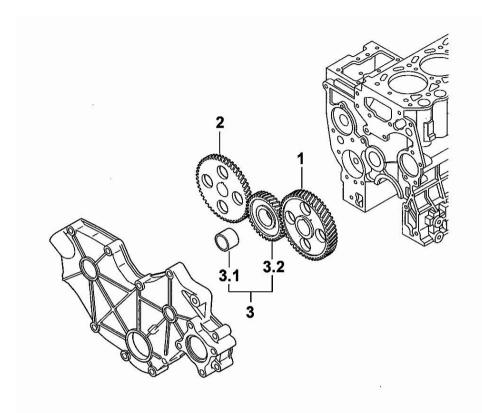
Fig.	P/n	QTY	Name
1	0.M88.0060.6	4	complete piston STANDARD
1.2	0.008.0052.6	4	piston ring set STANDARD
1.3	0.010.2668.0	4	piston pin
2	0.M88.0061.6	4	complete piston + mm 0.25
2.2	0.008.0053.6	4	piston ring set + mm 0.25
2.3	0.010.2668.0	4	piston pin
3	0.M88.0062.6	4	complete piston + mm 0.50
3.2	0.008.0054.6	4	piston ring set + mm 0.50
3.3	0.010.2668.0	4	piston pin
8	0.010.3988.0	4	engine connecting rod
8.1	0.009.4783.0	8	nut
8.2	0.010.2668.2	8	screw
8.3	0.000.0000.1		cannot be supplied
8.4	0.000.0000.1		cannot be supplied
9	0.009.4782.1	4	con.rod half bushing STANDARD
10	0.010.2669.0	4	con.rod half bushing - mm 0.25
11	0.010.2669.1	4	con.rod half bushing - mm 0.50
12	0.010.2669.2	4	con.rod half bushing - mm 0.75



Section: B0 - ENGINE Ref: 6.N8800.01.0

CRANKSHAFT - FLYWHEEL

Fig.	P/n	QTY	Name
1	0.010.3988.1	1	crankshaft
2	0.009.4555.1	2	key
3	0.009.4554.2	1	flat washer
4	0.009.4555.0	1	spring washer
5	0.009.4554.1	1	nut
6	0.010.2672.2	1	pulley
7	0.010.3954.2	1	flywheel
7.1	0.010.2671.0	1	crown wheel Z=110
7.2	0.000.0000.1		cannot be supplied
8	0.009.4557.0	4	screw
9	0.010.3955.0	1	gear Z = 28
10	0.009.4556.1	1	special bearing



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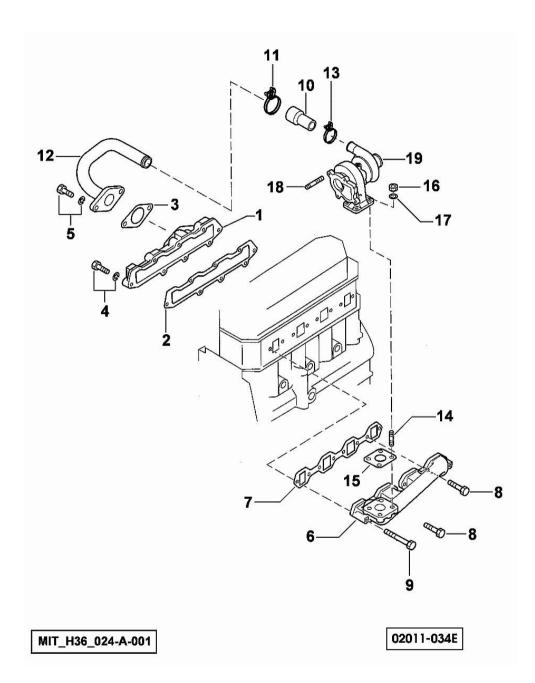
SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE

Ref: 6.N8800.01.0

CAMSHAFT

Fig.	P/n	QTY	Name	
1	0.010.2055.1	1		
1	0.010.3955.1	1	gear z=56	
2	0.010.3955.2	1	gear z=56	
3	0.010.3956.0	1	gear z=39	
3.1	0.000.0000.1		cannot be supplied	
3.2	0.000.0000.1		cannot be supplied	



Section: B0 - ENGINE Ref: 6.N8800.01.0

INTAKE AND EXHAUST

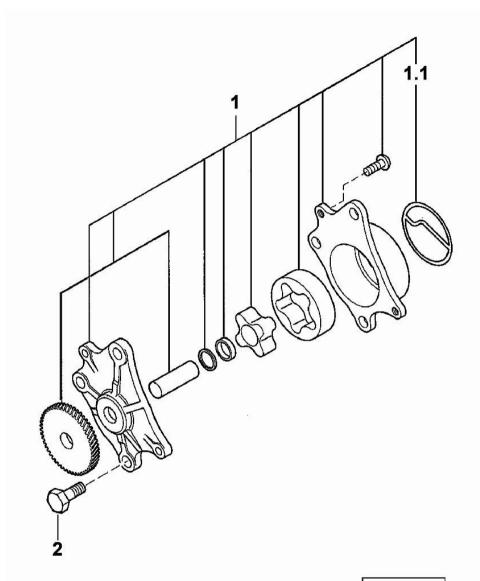
Fig.	P/n	QTY	Name
		,	
1	0.010.3975.0	1	cover
2	0.010.3975.1	1	gasket
3	0.010.2676.2	1	gasket
4	0.010.2677.0	8	screw
5	0.010.2677.1	2	screw
6	0.010.3975.2	1	exhaust manifold
7	0.010.2680.1	1	gasket
8	0.010.3956.2	6	screw
9	0.010.3957.0	2	screw
10	0.010.3976.0	1	sleeve
11	0.010.3993.0	1	clamp
12	0.010.3973.1	1	tube
13	0.010.3976.1	1	clamp
14	0.009.4796.1	4	stud bolt
15	0.010.3976.2	1	gasket
16	0.009.4799.2	4	nut
17	0.009.4842.0	4	flat washer
18	0.009.4842.1	4	stud bolt
19	0.010.3977.0		turbo charger

Section: B0 - ENGINE

Ref: 6.N8800.01.0

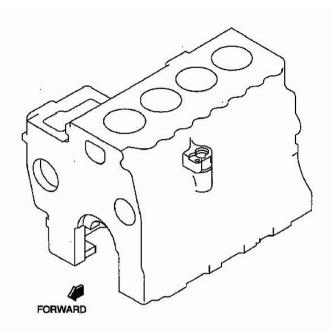
OIL PUMP

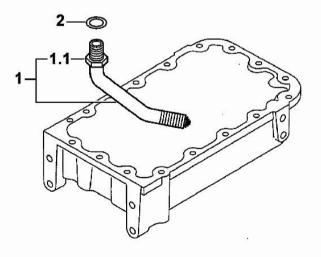
Fig.	P/n	QTY	Name	
		,		
1	0.010.2684.2	1	oil pump	
1.1	0.010.2685.0	1	gasket	
2	0.010.2685.1	3	screw	



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03031-008E

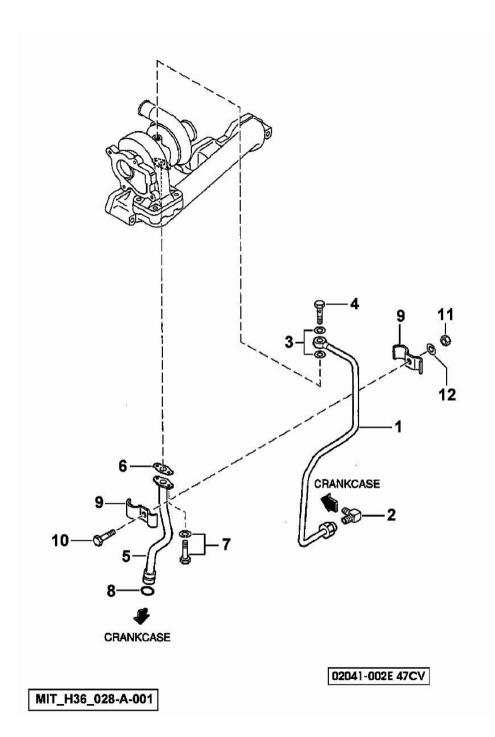
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SOLARIS 55 -> ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

LUBRICATION

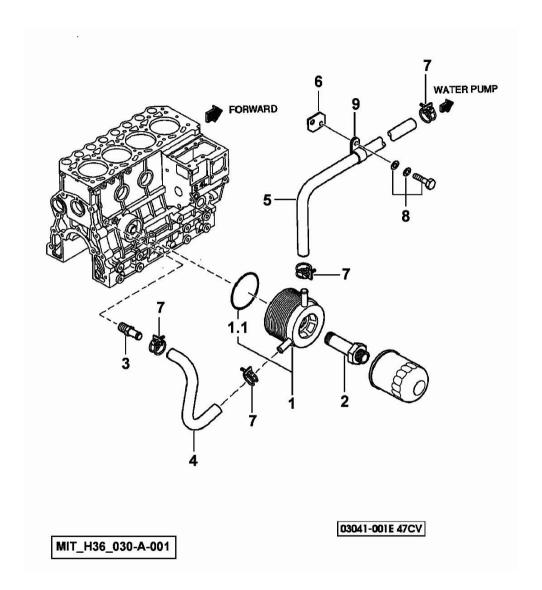
Fig.	P/n	QTY	Name		
1	0.010.2685.2	1	tube		
1.1	0.009.4634.0	1	self-locking nut		
2	0.009.4634.1	1	gasket		



Section: B0 - ENGINE Ref: 6.N8800.01.0

OIL PIPES FOR TURBOCHARGER

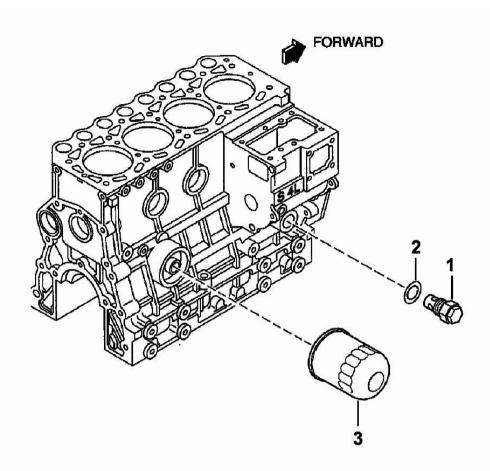
Fig.	P/n	QTY	Name
		·	
1	0.010.3988.2	1	tube
2	0.010.2681.2	1	pipe fitting
3	0.009.4843.1	2	gasket
4	0.009.4843.0	1	pipe union
5	0.010.3989.0	1	tube
6	0.010.2224.0	1	gasket
7	0.010.2682.1	2	screw
8	0.009.4630.2	1	ring
9	0.010.2683.2	2	bracket
10	0.010.2684.0	1	screw
11	0.009.4624.0	1	nut
12	0.010.2684.1	1	washer



Section: B0 - ENGINE Ref: 6.N8800.01.0

LUBRIC. OIL COOLER

Fig.	P/n	QTY	Name
		,	
1	0.010.2690.1	1	oil cooler
1.1	0.010.2690.2	1	special oil seal
2	0.010.2688.0	1	pipe fitting
3	0.010.2688.1	1	pipe fitting
4	0.010.2688.2	1	tube
5	0.010.2689.0	1	tube
6	0.010.3965.0	1	small plate
7	0.010.2689.2	4	clamp
8	0.010.2690.0	1	screw
9	0.010.2687.2	1	clamp



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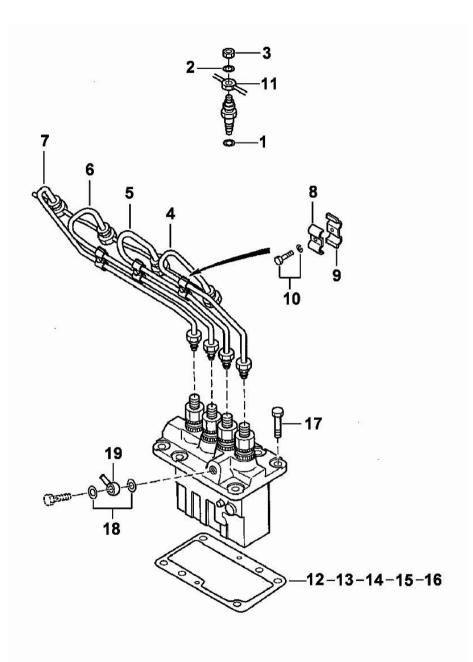
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SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

LUBRIC. OIL FILTER

Fig.	P/n	QTY	Name
1	0.010.3957.1	1	valve
2	0.010.3957.2	1	gasket
3	0.009.4794.1	1	oil filter element



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SOLARIS 55 ->ZKDS130XV0MS20001

Section: B0 - ENGINE Ref: 6.N8800.01.0

FUEL SUPPLY SYSTEM

Fig.	P/n	QTY	Name
1	0.010.2699.1	4	gasket
2	0.010.2699.2	4	gasket
3	0.010.2700.0	4	nut
4	0.010.2700.1	1	tube
5	0.010.2700.2	1	tube
6	0.010.2701.0	1	tube
7	0.010.2704.0	1	tube
8	0.009.4570.2	3	clamp
9	0.009.4571.0	3	clamp
10	0.010.2701.1	3	screw
11	0.010.2703.1	1	tube
12	0.009.4578.1		shim mm 0.7
13	0.009.4578.2		shim mm 0.8
14	0.009.4579.0		shim mm 0.9
15	0.009.4579.1		shim mm 1.0
16	0.009.4576.2		shim mm 0.20
17	0.010.3959.2	6	screw
18	0.009.4576.1	2	gasket
19	0.010.2704.2	1	pipe fitting

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