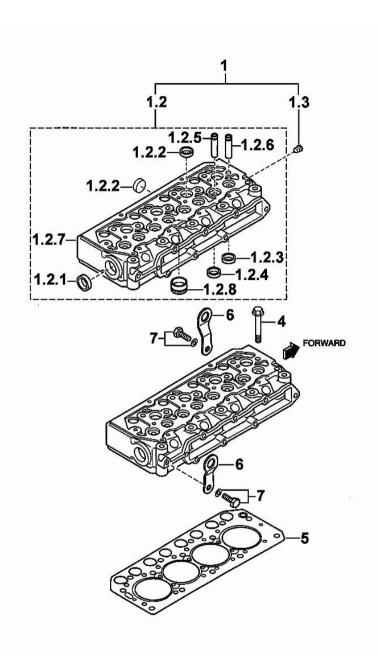


Section: B0 - ENGINE Ref: B0.00.1 (1)

ENGINE				161. 20.00.1 (1)
Fig.	P/n	QTY	Name	
<b>Notes:</b> [SOLARIS 4	5 -> ZKDAK30200MS30	0001]		
101	6.N8700.01.0	1	new engine <=50 kw 6.N8700.01.0	

@ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0

@ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0 @ 6.N8700.01.0



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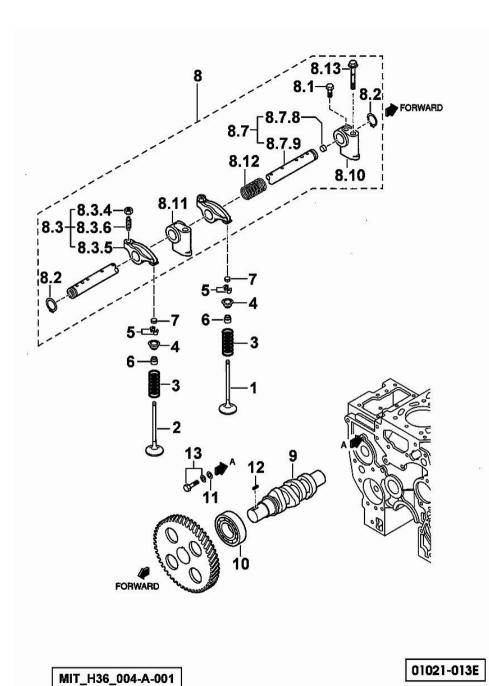
### **SOLARIS 45 -> ZKDAK30200MS30001**

Section: B0 - ENGINE

Ref: 6.N8700.01.0

## CYLINDER HEAD

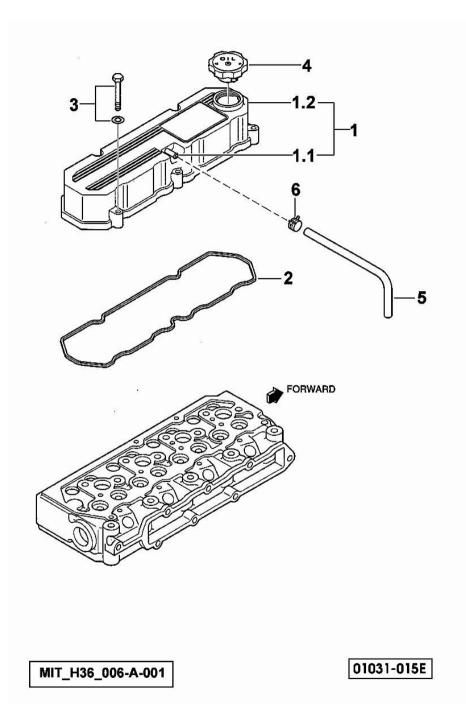
Fig.	P/n	QTY	Name
1	0.010.3986.0	1	engine head
1.2	0.010.3980.0	1	ě
			cannot be supplied
1.2.1	0.010.2634.1	1	plug
1.2.2	0.010.2636.1	7	plug
1.2.3	0.000.0000.1		cannot be supplied
1.2.4	0.000.0000.1		cannot be supplied
1.2.5	0.010.2634.2	4	valve guide
1.2.6	0.010.2635.0	4	valve guide
1.2.7	0.000.0000.1		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.N8700.01.0

CYLINDER HEAD

Fig.	P/n	QTY	Name	—
	1			_
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.N8700.01.0

## CYLINDER HEAD

Fig.	P/n	QTY	Name
		,	
1	0.010.2647.1	1	cover
1.1	0.000.0000.1		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



Ref: 6.N8700.01.0

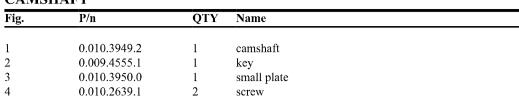
**CAMSHAFT** 

5

Section: B0 - ENGINE

0.010.3950.1

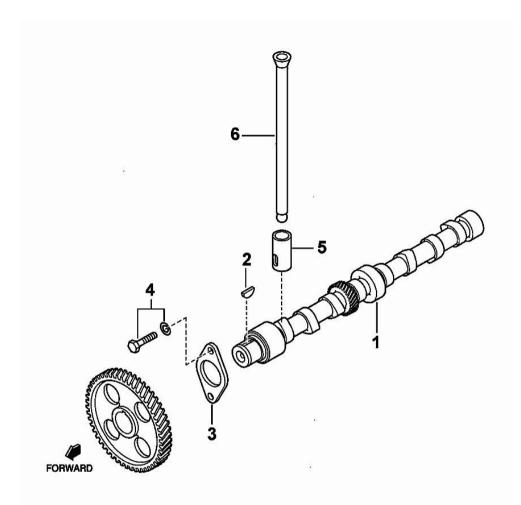
0.010.2646.2



tappets

rod

8

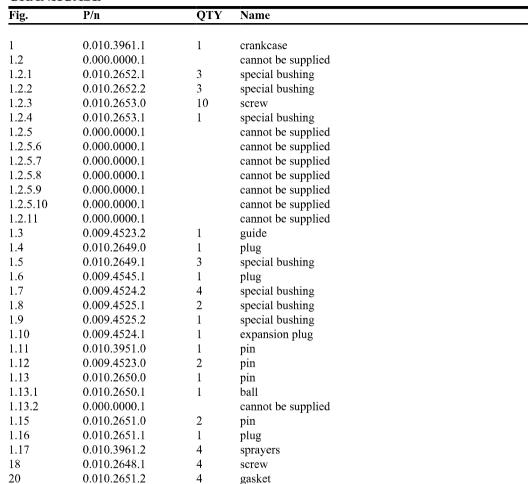


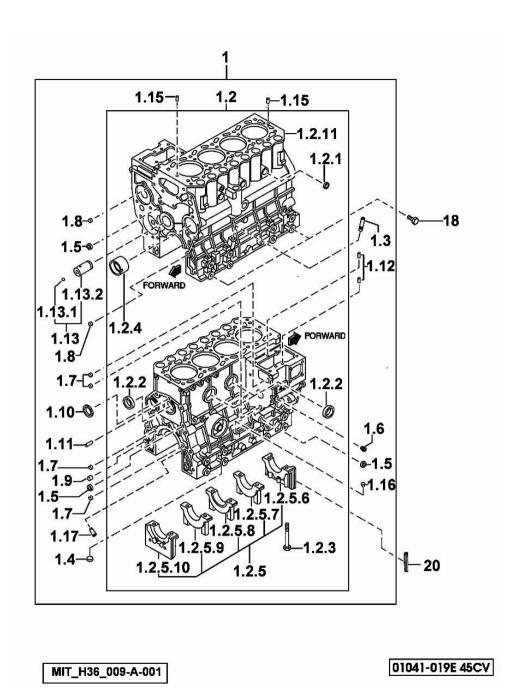
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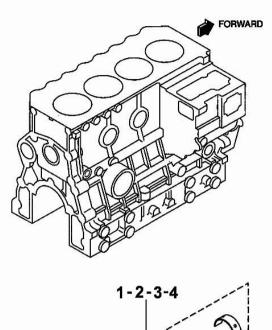
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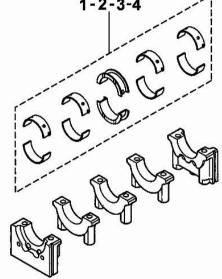
Section: B0 - ENGINE Ref: 6.N8700.01.0

CRANKCASE









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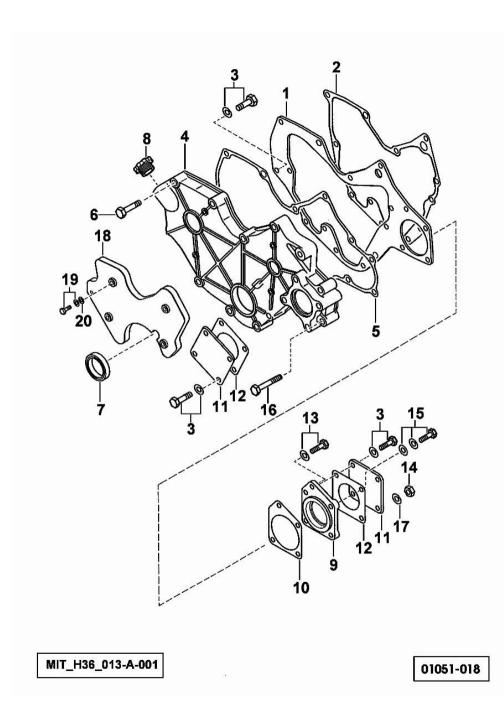
### **SOLARIS 45 -> ZKDAK30200MS30001**

Section: B0 - ENGINE

Ref: 6.N8700.01.0

## MAIN BEARINGS

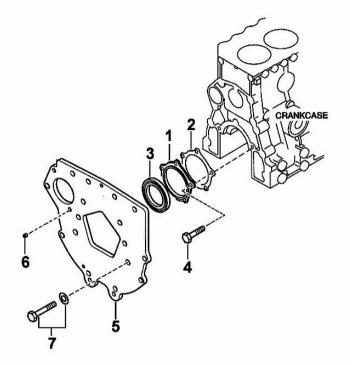
Fig.	P/n	QTY	Name
		,	
1	0.010.2656.2	1	main half bushing STANDARD
2	0.010.2657.0	1	main half bushing - mm 0.25
3	0.010.2657.1	1	main half bushing - mm 0.50
4	0.010.2657.2	1	main half bushing - mm 0.75



Section: B0 - ENGINE Ref: 6.N8700.01.0

TIMING CASE

TITIVITIA	I WING CASE					
Fig.	P/n	QTY	Name			
	,					
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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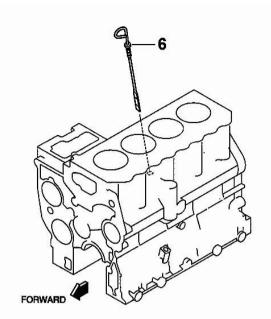
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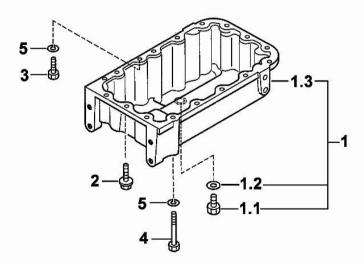
### **SOLARIS 45 -> ZKDAK30200MS30001**

Section: B0 - ENGINE Ref: 6.N8700.01.0

## 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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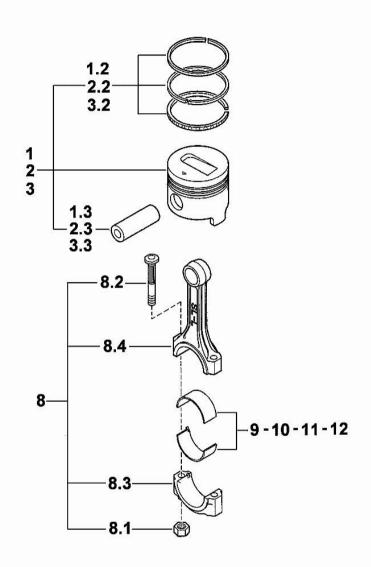
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### **SOLARIS 45 -> ZKDAK30200MS30001**

Section: B0 - ENGINE Ref: 6.N8700.01.0

# OIL PAN

Fig.	P/n	QTY	Name
	0.010.2054.0		
1	0.010.3954.0	I	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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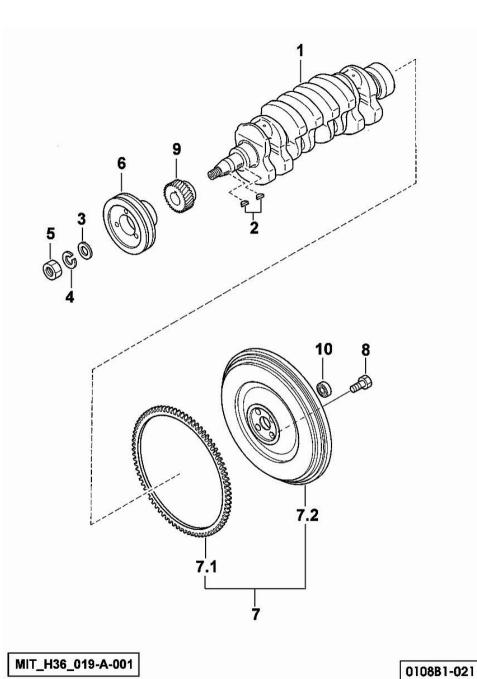
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### **SOLARIS 45 -> ZKDAK30200MS30001**

Section: B0 - ENGINE Ref: 6.N8700.01.0

# PISTON - CONNECTING ROD

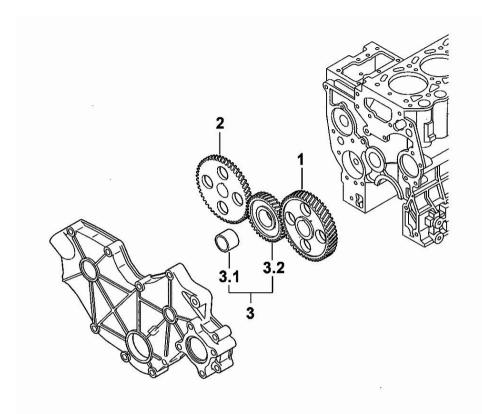
Fig.	P/n	QTY	Name
1	0.009.0060.6	4	complete picton STANDARD
1.2	0.009.0000.0		complete piston STANDARD
		4	piston ring set STANDARD
1.3	0.010.2668.0	4	piston pin
2	0.009.0061.6	4	complete piston + mm 0.25
2.2	0.008.0053.6	4	piston ring set + mm 0.25
2.3	0.010.2668.0	4	piston pin
3	0.009.0062.6	4	complete 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	0.010.2671.2	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.N8700.01.0

## CRANKSHAFT - FLYWHEEL

Fig.	P/n	QTY	Name
1	0.010.2672.0	1	annal all a fi
1	0.010.2672.0	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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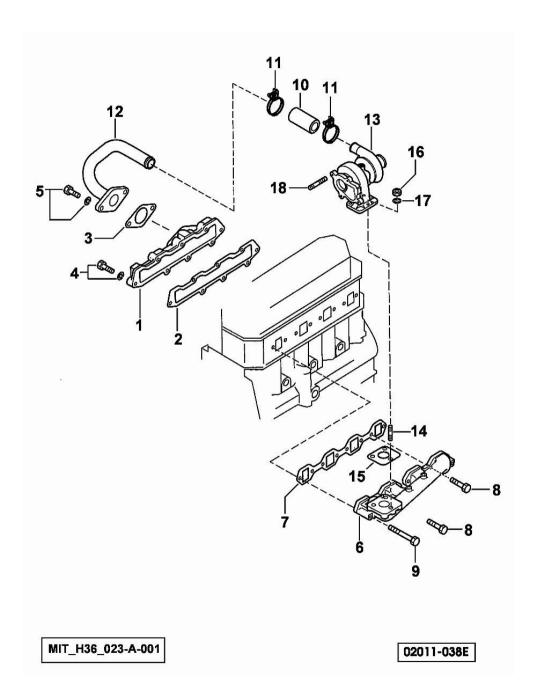
### **SOLARIS 45 -> ZKDAK30200MS30001**

Section: B0 - ENGINE

Ref: 6.N8700.01.0

# CAMSHAFT

Fig.	P/n	QTY	Name
1	0.010.3955.1	1	0000 5-56
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



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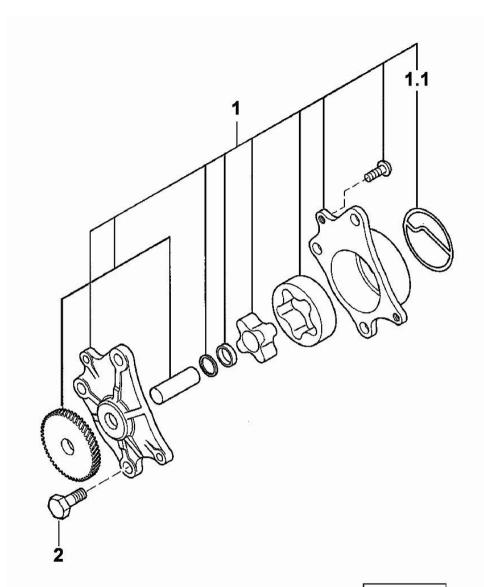
## INTAKE AND EXHAUST

E	D/w	OTV	Name
Fig.	P/n	QTY	Name
1	0.010.2678.2	1	cover
2	0.010.2678.1	1	gasket
3	0.010.2676.2	1	gasket
4	0.010.2677.0	8	screw
5	0.010.2677.1	2	screw
6	0.010.3956.1	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	0.010.2679.0	1	sleeve
11	0.010.3964.2	2	clamp
12	0.010.3965.0	1	small plate
13	0.010.2681.0	1	turbo charger
14	0.009.4796.1	3	stud bolt
15	0.009.4798.0	1	gasket
16	0.009.4799.2	3	nut
17	0.009.4842.0	3	flat washer
18	0.009.4842.1	4	stud bolt

Section: B0 - ENGINE Ref: 6.N8700.01.0

## OIL PUMP

OIL I CIVII			
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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