Section: B0 - ENGINE

CRANKCASE

Ref: B0.01.0 (1)

# 5 0 0 -10.5-28 -10.2 -1 10.4.3 10.4 10 10.4 10. -10.3 10.4.1.4.2 -10.4.1.2.1.1-| 10.4.1.3 | 10.4.1.3 | 10.4.1.5 I9\_N8111\_00\_0-A-001 10.4.1.4

Fig.	P/n	QTY	Name
Notes:			
	<b>D</b> -> 50001] 50417 <-		
[ figer 50 2 wi	J-> 50001] 50417 <-		
2	2.1532.072.0	1	oil seal 26.70x1.78
3	2.3199.405.2	1	plug m 28 p.1.5
5	2.0432.003.7	11	stud bolt m 8 p.1.25 / p.1 x 20
6	2.1559.188.2	3	bush $11.4 \times 14 \times 16$
7	2.1539.259.0	6	special oil seal 107.62x2.62
9	0.049.1152.0	1	cock
10	0.014.8700.4	1	crankcase
10.1	2.3130.001.1	9	plug 1/8" gas
10.2	2.3130.002.1	2	plug 1/4" gas
10.3	2.3130.003.1	2	plug 3/8" gas
10.4.1.2.1.1	0.065.1112.7/10	1	support
10.4.1.2.2	2,1699,165.0	1	bush 12.3x15x16
10.4.1.3	0.065.1114.0/10	2	support
10.4.1.4	0.065.1116.3	1	support
10.4.1.4.2	2.1699.165.0	1	bush 12.3x15x16
10.4.1.5	0.065.1117.0	8	screw m 12 x 100
10.4.2	0.065.1140.0	3	special bushing 59X55X20
10.4.3	0.065.1141.0	1	special bushing 59X55X30
10.4.4	0.014.1340.0	1	pin
10.5	2.3179.012.0	1	plug 60
11	0.066.1152.0/10	4	gasket
14	2.1549.154.2	3	bush 4.8x5.8x16
28	2.3131.004.2	1	plug m 18 p.1.5

Section: B0 - ENGINE

CRANKCASE

Ref: B0.01.0 (2)

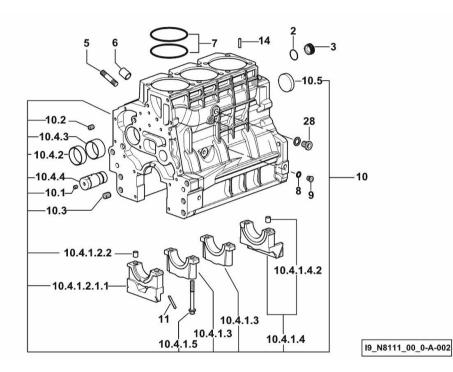


Fig.	P/n	QTY	Name
NT 4			
Notes:	ZD > 500011		
[Tiger 50 2 w	VD -> 50001]		
2	2.1532.072.0	1	oil seal 26.70x1.78
3	2.3199.405.2	1	plug m 28 p.1.5
5	2.0432.003.7	11	stud bolt m 8 p.1.25 / p.1 x 20
6	2.1559.188.2	3	bush 11.4 x 14 x16
7	2.1539.259.0	6	special oil seal 107.62x2.62
8	2.1560.010.0	1	gasket 14.2 x 20
9	2.3199.292.0	1	plug 1/4" gas
10	0.014.8700.4	1	crankcase
10.1	2.3130.001.1	9	plug 1/8" gas
10.2	2.3130.002.1	2	plug 1/4" gas
10.3	2.3130.003.1	2	plug 3/8" gas
10.4.1.2.1.1	0.065.1112.7/10	1	support
10.4.1.2.2	2.1699.165.0	1	bush 12.3x15x16
10.4.1.3	0.065.1114.0/10	2	support
10.4.1.4	0.065.1116.3	1	support
10.4.1.4.2	2.1699.165.0	1	bush 12.3x15x16
10.4.1.5	0.065.1117.0	8	screw m 12 x 100
10.4.2	0.065.1140.0	3	special bushing 59X55X20
10.4.3	0.065.1141.0	1	special bushing 59X55X30
10.4.4	0.014.1340.0	1	pin
10.5	2.3179.012.0	1	plug 60
11	0.066.1152.0/10	4	gasket
14	2.1549.154.2	3	bush 4.8x5.8x16
28	2.3131.004.2	1	plug m 18 p.1.5

1/1

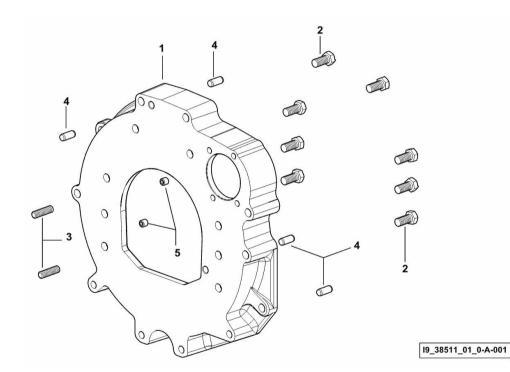
Ref: B0.01.3 (1)

# MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Section: B0 - ENGINE

4 5

Fig.	P/n	QTY	Name
Notes: [Tiger 50 2	2WD -> 50001]		
1	0.015.8814.0	1	flange
2	2.0112.511.2	8	screw m 14 p.2 x 30



0.015.8814.0	1	flange
2.0112.511.2	8	screw m 14 p.2 x 30
2.0432.255.7	2	stud bolt m 12 p.1.75-1.2
2.1651.912.0	4	cylindrical plug 12x28
2.0512.404.7	2	screw

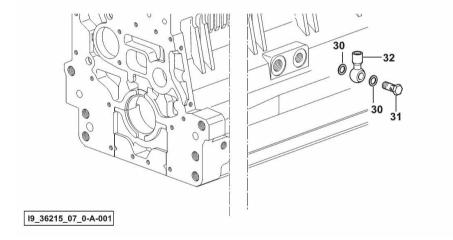
Ref: B0.01.4 (1)

# FITTING FOR ENGINE OIL PRESSURE SWITCH

Section: B0 - ENGINE

Fig.	P/n	QTY	Name
Notes: [Tiger 50 2W	D -> 50001] -> 50081		

30	2.1560.008.0	2	gasket 12.2 x 18
31	2.3339.448.2	1	pipe union m 12 p.1.75
32	2.3249.014.2	1	pipe fitting m 12 p.1.5



Name

# Ref: B0.02.0 (1)

# Section: B0 - ENGINE CRANKSHAFT

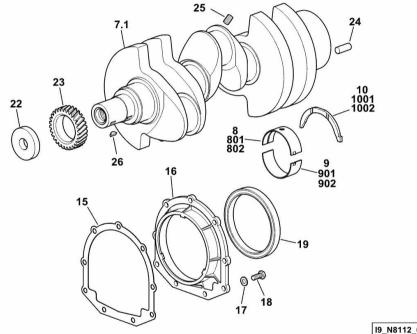
Fig.

P/n

Notes: [Tiger 50 2WD -> 50001] 50417 <-

7.1	0.007.1554.0/20	1	crankshaft
8	0.065.1215.0/10	4	main half bushing STANDARD
9	0.065.1216.0/10	4	main half bushing STANDARD
10	0.065.1218.0	4	shim STANDARD
15	0.065.1254.0/20	1	gasket
16	0.007.1711.0/10	1	cover
17	2.1475.002.2	9	conical washer 8
18	2.0112.207.2	9	screw m 8 p 1.25 x 20
19	2.1529.073.0	1	special oil seal 110x130x13
22	2.1599.524.7	1	washer 21x60x12
23	0.065.1323.0/30	1	gear Z = 29
24	2.1651.915.0	1	pin 12x35
25	2.3130.001.1	3	plug 1/8" gas
26	2.1720.006.0	1	key 4x6.5
801	0.065.1215.7	1	main half bushing - mm 0.25
802	0.065.1215.8	1	main half bushing - mm 0.50
901	0.065.1216.7	1	main half bushing - mm 0.25
902	0.065.1216.8	1	main half bushing - mm 0.50
1001	0.065.1218.7	1	shim + mm $0.10$
1002	0.065.1218.8	1	$shim + mm \ 0.15$

QTY



I9\_N8112\_00\_0-A-001

Name

Ref: B0.02.0 (2)

### 

[Tiger 50 2WD -> 50001] 0.019.2255.0/20 crankshaft 0.019.5455.0 main half bushing STANDARD 0.019.5456.0 main half bushing STANDARD 0.065.1218.0 shim STANDARD 0.065.1254.0/20 gasket 0.007.1711.0/10 cover 2.1475.002.2 conical washer 8 2.0112.207.2 screw m 8 p 1.25 x 20 2.1529.073.0 special oil seal 110x130x13 2.1599.524.7 washer 21x60x12 0.065.1323.0/30 gear Z = 292.1651.915.0 pin 12x35 2.1720.006.0 key 4x6.5 shim + mm 0.100.065.1218.7 0.065.1218.8 shim + mm 0.15

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Section: B0 - ENGINE CRANKSHAFT

P/n

Fig.

Notes:

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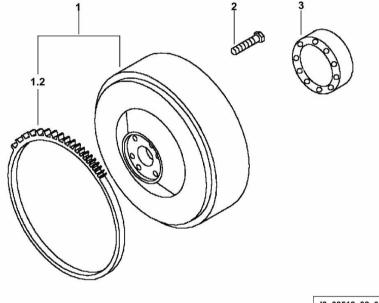
Ref: B0.02.4 (1)

# Section: B0 - ENGINE ENGINE FLYWHEEL Fig.

P/n QTY Name

Notes: [Tiger 50 2WD -> 50001] 50210 <-

1	0.012.0925.3	1	flywheel
1.2	0.069.1242.0	1	crown wheel $Z = 121$
2	2.0119.174.0/10	6	screw m 12 p.1.25x45
3	2.2041.008.9	1	ball bearing 20x47x14



I9\_38512\_02\_0-A-001

Ref: B0.02.5 (1)

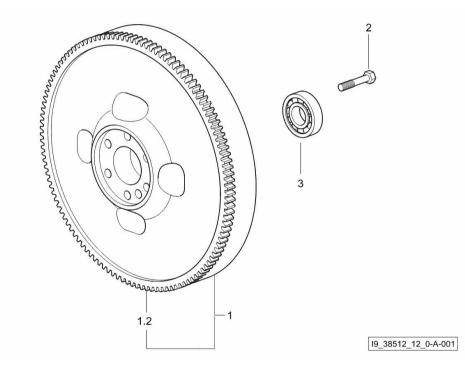
# Section: B0 - ENGINE ENGINE FLYWHEEL Fig. P/n

P/n	QTY	Name

### Notes:

[Tiger 50 2WD -> 50001] -> 50211

1	0.007.1617.3/30	1	flywheel
1.2	0.069.1242.0	1	crown wheel $Z = 121$
2	2.0119.174.0/10	6	screw m 12 p.1.25x45
3	2.2041.008.9	1	ball bearing 20x47x14



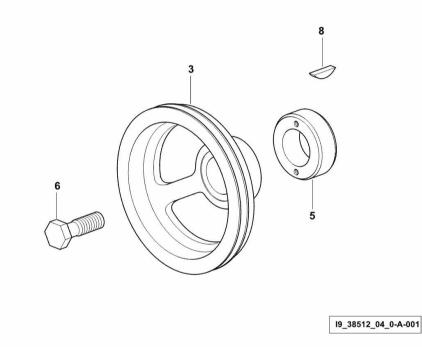
Ref: B0.02.7 (1)

# Section: B0 - ENGINE CRANKSHAFT PULLEY Fig. P/n

P/n	QTY	Name

Notes:
[Tiger 50 2WD -> 50001]

3	0.014.5093.0	1	pulley
5	0.085.1248.0/20	1	hub
6	2.0399.144.7/10	1	screw m 20 p.1.5x51
8	2.1720.006.0	1	key 4x6.5



Ref: B0.02.9 (1)

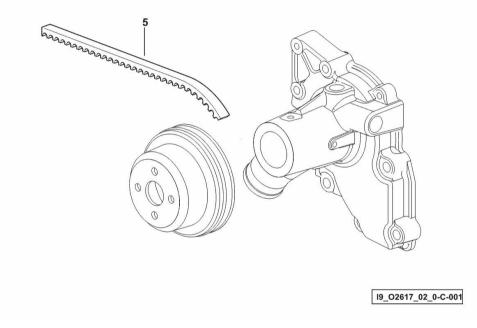
# Section: B0 - ENGINE COOLANT PUMP DRIVEBELT

Fig.	P/n	QTY	Name

Notes:

[Tiger 50 2WD -> 50001] 50030 <--

5 2.4119.139.0 1 belt mm 10.7x1254



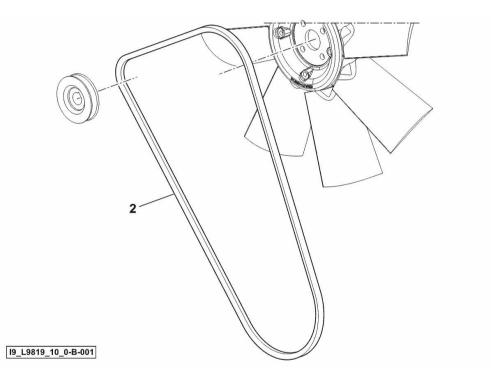
Ref: B0.02.13 (1)

# COOLANT PUMP AND ALTERNATOR DRIVEBELT

Section: B0 - ENGINE

Fig.	P/n	QTY	Name	
Notes:		· ·		
	WD -> 50001]			

2 2.4119.198.0 1 vee belt AV 10.7x1240 mm

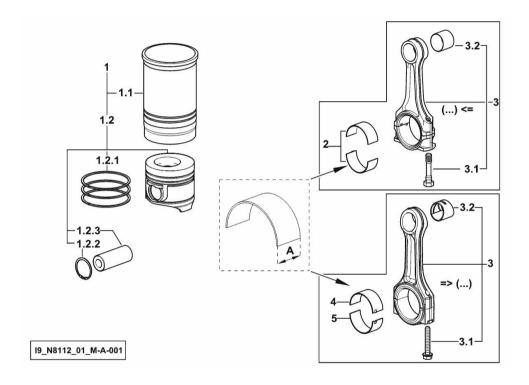


Ref: B0.03.0 (1)

# **CYLINDER - PISTON - CONNECTING ROD**

Section: B0 - ENGINE

Fig.	P/n	QTY	Name
<b>Notes:</b> [Tiger 50 2	WD -> 50001]		
1	0.386.0065.A	3	cyl. piston assembly "A" - CLASS A
1	0.386.0065.B	3	cyl. piston assembly "B" - CLASS B
1.1	0.A12.2675.0	1	engine cylinder "A" - CLASS A
1.1	0.B12.2675.0	1	engine cylinder "B" - CLASS B
1.2	0.379.0060.A	1	complete piston "A" - CLASS A
1.2	0.379.0060.B	1	complete piston "B" - CLASS B
1.2.1	0.086.0052.6/10	1	piston ring set
1.2.2	2.1411.014.1	1	circlip 35
1.2.3	0.078.1236.0	1	piston pin Ø 18 / Ø 35 / L = mm 86
2	0.065.1225.0	6	con.rod half bushing STANDARD - A = 28.75 -> 29.00 () <=
2	0.065.1225.7	6	con.rod half bushing - mm 0.25 $() \leq =$
2	0.065.1225.8	6	con.rod half bushing - mm 0.50 $() \leq =$
3	0.019.2226.3/10	1	engine connecting rod $=>()$
3	0.078.1220.3/30	1	engine connecting rod () <=
3.1	2.0399.213.0	2	screw m 12 p.1.25x61.5 () <=
3.1	2.0399.365.0	2	screw m 10 p.1.25x61.5 => ()
3.2	2.1559.114.0/10	1	special bushing () <=
3.2	2.1559.532.0	1	special bushing 34.60x39.130x36.65 => ()
4	0.019.5453.0	3	con.rod half bushing STANDARD - $A = 29.85 \rightarrow 30.10$ => ()
5	0.019.5454.0	3	con.rod half bushing STANDARD - $A = 29.85 \rightarrow 30.10$ => ()



Tiger	50	->	50001
1 Set	20		20001

Name

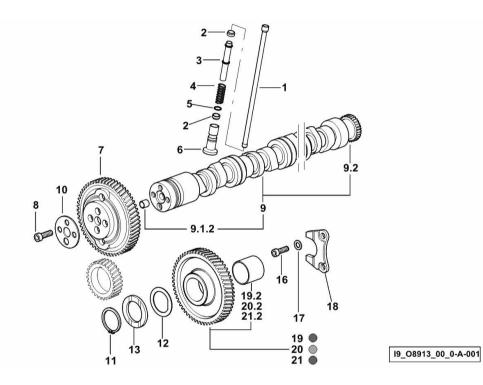
QTY

Section: B0 - ENGINE CAMSHAFT

Fig.

P/n

Ref: B0.04.3 (1)



Notes: [Tiger 50 2	WD -> 50001]		
1	0.065.1331.2	6	rod
2	2.1569.114.0/10	12	gasket 14x18.5x8
3	0.065.1332.0	6	sleeve
4	2.4019.300.1/10	6	spring 18.5x52x2
5	2.1599.437.0	6	shoulder ring
6	0.065.1330.0	6	tappets
7	0.013.5017.0	1	gear z=58
8	2.0132.207.2	4	screw m 10 p.1 x 25
9	0.012.8270.4	1	camshaft
9.1.2	2.1559.398.0	1	bushing 10.5x13x12
9.2	0.065.1324.0/10	1	gear Z = 32
10	0.065.1350.0	1	small disc
11	2.1410.016.1	1	circlip 40
12	0.065.1352.0	1	shim
13	0.018.2233.0	2	shoulder ring
16	2.0312.205.2	2	screw
17	2.1480.014.1	2	washer 8
18	0.065.1353.0	1	small plate
19	0.007.1177.3/20	1	gear z = 57 - WITH RED IDENTIFICATION STAMP
19.2	2.1559.185.0/10	1	bushing
20	0.007.1178.3/20	1	gear z = 57 - WITH YELLOW IDENTIFICATION STAMP
20.2	2.1559.185.0/10	1	bushing
21	0.007.1179.3/20	1	gear z = 57 - WITH GREEN IDENTIFICATION STAMP
21.2	2.1559.185.0/10	1	bushing

Ref: B0.04.4 (1)

# 0 I9\_N8111\_00\_0-B-001 Ø-5 $\bigcirc$ ا ا 16 17 21 60 00 Ø 0 20 (0) 0 22-0<sup>0</sup>| 17 19 23

18

Fig.	P/n	QTY	Name
Notes: [Tiger 50 2	2WD -> 50001]		
5	2.0432.003.7	11	stud bolt m 8 p.1.25 / p.1 x 20
16	2.0312.214.2	7	screw m 8 p.1.25 x 40
17	2.1480.014.1	15	washer 8
10	0.012.4001.0	1	1

Section: B0 - ENGINE

TIMING CASE

	10	
0.013.4981.0	1	guard
0.065.1150.0/30	1	gasket
2.1470.004.2	2	lock washer 8
2.1011.405.2	2	nut m 8 p.1
2.0312.208.2	8	screw m 8 p.1.25 x 25
2.1529.167.0	1	oil seal

Name

## Ref: B0.05.0 (1)

# Section: B0 - ENGINE **CYLINDER HEAD**

Fig.

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### Notes: [Tiger 50 2WD -> 50001]

P/n

9.10.7 9.10.5 9.10.4.2 18.9 9.10.4 9.10.6.2 9.10.6.1 0—18.5 ©—18.4 9 3 18.6 16 -17 18.8 €-18.7 18.1.5 20----21 -18.1.6 18.1.4 18.1-18.1.6 0 26-Α 18.1.2 18.1.3-25-B -18.3 I9\_N8114\_00\_0-A-001 27-С 18.2

1	2.0399.130.2/10	3	screw m 8x36x44
2	2.1569.170.0/10	3	gasket 8.2 x 14
3	0.016.0291.0	3	small cap
4	0.069.1450.0/30	1	tappet gasket
7	2.1011.421.2	6	nut m 10 p.1.25
9.2	0.021.1434.0	2	screw
9.10.3	2.1011.405.2	2	nut m 8 p.1
9.10.4	0.066.1432.3	2	rocker arm
9.10.4.2	2.1559.021.0/40	1	bushing 15x19x22
9.10.5	2.1410.055.7	2	circlip 19
9.10.6.1	0.066.1431.0	1	pin
9.10.6.2	0.066.1430.0/10	1	support
9.10.7	2.1599.432.0	2	shoulder ring
16	2.1530.051.0	3	oil seal 20.22x3.53
17	0.012.2673.0	12	screw m 14 p.2x141
18.1	0.014.8945.3/10	1	head
18.1.2	0.014.8942.0	1	valve seat mm 45.118
18.1.3	0.014.8941.0	1	valve seat mm 40.653
18.1.4	0.007.1779.0/20	2	valve guide
18.1.5	0.010.6041.0/10	1	bush
18.1.6	2.3170.012.2	2	expansion plug Ø 30
18.2	0.066.1421.0	1	exhaust valve
18.3	0.010.6016.0	1	inlet valve mm 43.63 / Ø mm 9
18.4	0.066.1425.0	2	cup
18.5	0.074.1423.0	4	conical valve cotter
18.6	2.4019.287.0	2	spring
18.7	2.1519.117.0	2	special oil seal
18.8	2.0432.161.7	1	stud bolt m 10 p.1.5 / p.1.25 x 40
18.9	2.0432.163.7	2	stud bolt m 10 p.1.5 / p.1.25 x 45
20	2.0432.011.7	3	stud bolt m 8 p.1.25 / p.1 x 40
21	2.0432.005.7	3	stud bolt m 8 p.1.5 / p.1 x 25
25	0.014.5260.0/10	0.5	gasket - A - mm 1.4
26	0.014.5259.0/10	2	gasket - B - mm 1.2
27	0.014.5261.0/10	0.5	gasket - C - mm 1.6

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