10.2 -10.4.3 -10.4.2 -10.4.4 -10.3 -10.4.1.2.1.1 -10.4.1.2.1.1 -10.4.1.3 -10.4.1.4 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1 -10.4.1.4.1

Frutteto³ 50 Natural

Ref: B0.01.1 (2)

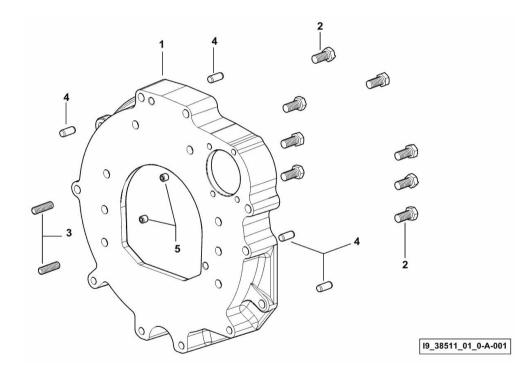
Section: B0 - ENGINE

CRANKCASE

Fig.	P/n	QTY	Name

Notes:

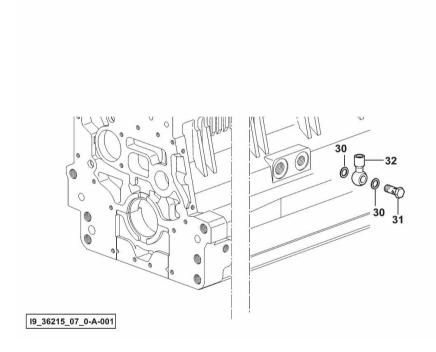
·	, .		,	
2	2.1532.072.0	1	oil seal 26.70x1.78	
3	2.3199.405.2	1	plug m 28 p.1.5	
5	2.0432.003.7	11	stud bolt m 8 p.1.25 / p.1 x 20	
6	2.1559.188.2	3	bush 11.4 x 14 x16	
7	2.1539.259.0	6	special oil seal 107.62x2.62	
8	2.1560.010.0	1	gasket 14.2 x 20	
9	2.3199.292.0	1	plug 1/4" gas	
10	0.014.8700.4	1	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	
			- · · -	



Section: B0 - ENGINE Ref: B0.01.2 (1)

MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Fig.	P/n	QTY	Name
Notes:	50 National 2W/D1 [Emitted	-3 50 Notum	al AWIDI
[Fruitetos.	50 Natural 2WD] [Fruttet	.0° 50 Natura	ai 4wDj
1	0.015.8814.0	1	flange
2	2.0112.511.2	8	screw m 14 p.2 x 30
3	2.0432.255.7	2	stud bolt m 12 p.1.75-1.25x25
4	2.1651.912.0	4	cylindrical plug 12x28
5	2 0512 404 7	2	screw



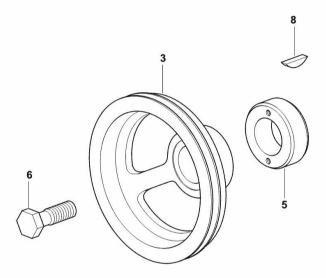
Section: B0 - ENGINE

Ref: B0.01.3 (1)

FITTING FOR ENGINE OIL PRESSURE SWITCH

Fig.	P/n	QTY	/ Name
Notes: [Frutteto ³	50 Natural 2WD] [Frutte	to³ 50 Natur	al 4WD]
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

1/1



I9_38512_04_0-A-001

Frutteto³ 50 Natural

Section: B0 - ENGINE

Ref: B0.02.1 (1)

CRANKSHAFT PULLEY

Fig.	P/n	QTY	Name	
Notes:				
[Frutteto ³	50 Natural 2WD] [Frutteto	³ 50 Natura	al 4WD]	
3	0.014.5093.0	1	pulley	
3 5	0.014.5093.0 0.085.1248.0/20	1 1	pulley hub	
3 5 6		1 1 1	1 2	

Section: B0 - ENGINE

Ref: B0.02.3 (1)

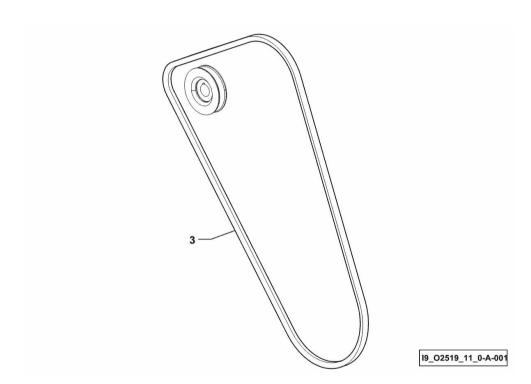
COOLANT PUMP AND ALTERNATOR DRIVEBELT

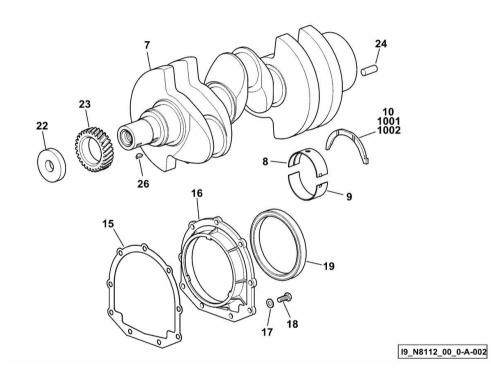
Fig. P/n QTY Name				
	Fig.	P/II	QTY	Name

Notes:

[Frutteto³ 50 Natural 2WD] [Frutteto³ 50 Natural 4WD]

3 2.4119.198.0 1 vee belt AV 10.7x1240 mm





Name

Section: B0 - ENGINE

P/n

CRANKSHAFT

Ref: B0.02.4 (2)

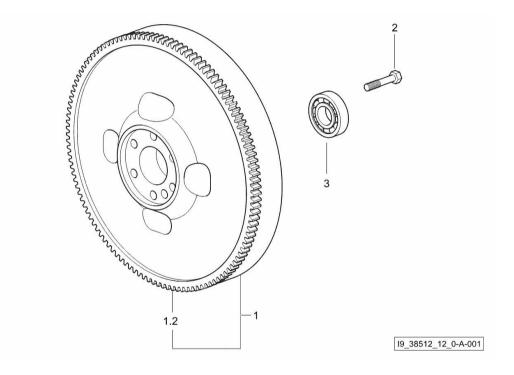
Notes:

Fig.

[Frutteto³ 50 Natural 2WD] [Frutteto³ 50 Natural 4WD]

_	0.010.0055.0/00		1.1.0	
1	0.019.2255.0/30	1	crankshaft	
8	0.019.5455.0	4	main half bushing STANDARD	
9	0.019.5456.0	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	
26	2.1720.006.0	1	key 4x6.5	
1001	0.065.1218.7	1	$shim + mm \ 0.10$	
1002	0.065.1218.8	1	$shim + mm \ 0.15$	

QTY



Section: B0 - ENGINE

Ref: B0.02.7 (1)

ENGINE FLYWHEEL

Fig.	<u>P/n</u>	QTY	Name	
Notes:				
[Frutteto ³ :	50 Natural 2WD] [Frutteto	³ 50 Natur	al 4WD]	
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	

1.2.1 1.2.1 1.2.3 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.2 1.2.3 1.2.2 1.2.3 1.2.2 1.2.3 1.2.2 1.2.3 1.2.2 1.2.3 1.3.3 1.

Frutteto³ 50 Natural

Name

Section: B0 - ENGINE

P/n

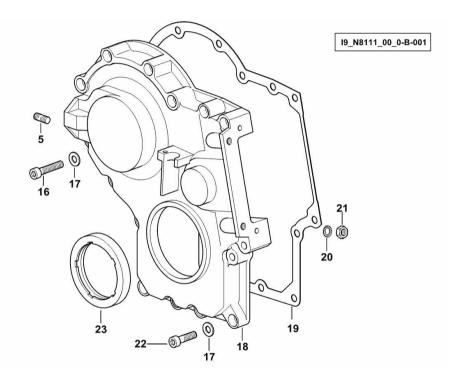
Fig.

Ref: B0.03.0 (1)

CYLINDER - PISTON - CONNECTING ROD

QTY

Notes: [Frutteto ³ 5	50 Natural 2WD] [Frutteto	³ 50 Natur	ral 4WD]
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 () <=
2	0.065.1225.8	6	con.rod half bushing - mm 0.50 () <=
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 -> 30.10 => ()
5	0.019.5454.0	3	con.rod half bushing STANDARD - A = 29.85 -> 30.10 => ()



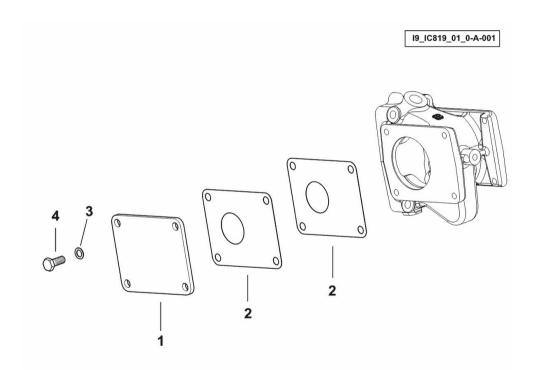
Section: B0 - ENGINE TIMING CASE

Ref: B0.04.1 (1)

Fig.	P/n	QTY	Name

Notes:

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	
18	0.013.4981.0	1	guard	
19	0.065.1150.0/30	1	gasket	
20	2.1470.004.2	2	lock washer 8	
21	2.1011.405.2	2	nut m 8 p.1	
22	2.0312.208.2	8	screw m 8 p.1.25 x 25	
23	2.1529.167.0	1	oil seal	



Section: B0 - ENGINE CASING COVER

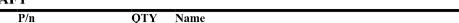
Ref: B0.04.3 (1)

ISING COVER

Fig. P/n QTY Name	
Notes: [Frutteto ³ 50 Natural 2WD] [Frutteto ³ 50 Natural 4WD]	
1 0.007.0812.0 1 small plate	
2 0.163.6350.0 2 gasket	
3 2.1480.014.1 4 washer 8	
4 2.0112.207.2 4 screw m 8 p 1.25 x 20	

Section: B0 - ENGINE

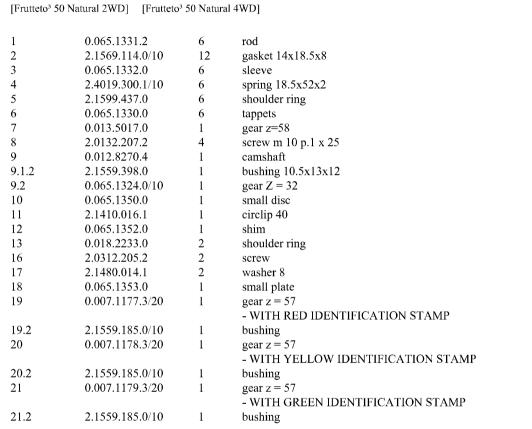
CAMSHAFT

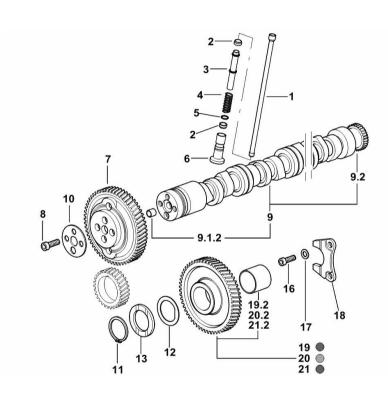


Ref: B0.04.4 (1)

Notes:

Fig.





I9_O8913_00_0-A-001

9.10.3 9.10.7 9.10.5 9.10.6.2 9.10.4.2 9.10.6.1 18.5 9.10.6.1 18.6 18.1.5 18.1.5 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18.1.5 18.1.6 18

Frutteto³ 50 Natural

Section: B0 - ENGINE

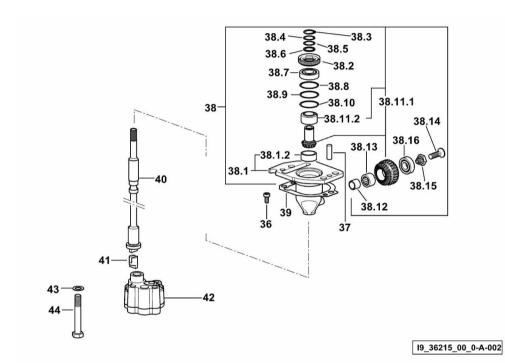
CYLINDER HEAD

Ref: B0.05.2 (1)

Fig.	P/n	QTY	Name

Notes:

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	0.014.0120.0	1	exhaust valve mm 39.1 / Ø mm 9
18.3	0.014.0117.0	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



Section: B0 - ENGINE

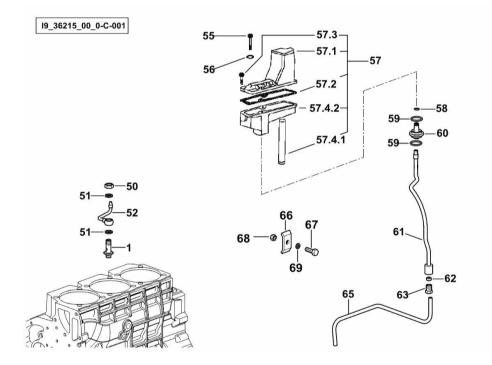
ENGINE OIL PUMP

Ref: B0.06.0 (2)

Fig.	P/n	QTY	Name

Notes:

36	2.0169.005.2	2	screw m 6 p.1 x 12
37	2.1651.711.0	2	pin 8 x 14
38	0.075.1551.4/30	1	support
38.1	0.075.1551.3/40	1	support
38.1.2	2.1559.186.0	1	special bushing 26 x 31.5 x 35
38.2	2.1219.025.2/10	1	ring nut m 36 p.1.5
38.3	2.1410.057.1	1	circlip 15
38.4	2.1589.153.0	1	shoulder ring 15.2 x 19 x 1.00
38.5	2.1589.146.0	2	shoulder ring 15.2 x 19 x 0.15
38.6	2.1589.147.0	2	shoulder ring 15.2 x 19 x 0.10
38.7	2.2020.001.0	1	ball bearing 15 x 32 x 8.00
38.8	2.1589.148.0	1	shoulder ring 28.2 x 31.8 x 0.5
38.9	2.1589.150.0	2	shoulder ring 28.2 x 31.8 x 0.1
38.10	2.1589.151.0	2	shoulder ring 28.2 x 31.8 x 0.15
38.11.1	0.065.1558.6/10	1	bevel drive
38.11.2	0.065.1559.0	1	bush
38.12	2.2680.020.0	1	ring 12 x 15 x 12
38.13	2.2725.016.0	1	roller cage 15 x 21 x 12
38.14	2.0342.007.2	1	screw m 4 p.0.7x25
38.15	2.0399.128.2/10	1	screw m 8 p.1 x 8
38.16	2.2030.002.0	1	ball bearing 12 x 28 x 8
39	0.065.1560.0/30	2	gasket
40	0.065.1569.0/40	1	shaft
41	0.065.1562.0/10	1	joint
42	0.014.7994.4	1	oil pump
43	2.1470.006.2	2	lock washer 10
44	2.0112.323.2	2	screw m 10 p.1.5x70



Section: B0 - ENGINE

Ref: B0.06.3 (1)

LUBRICATION

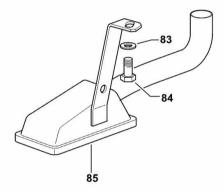
Fig.	P/n	QTY	Name

Notes:

[Frutteto³ 50 Natural 2WD] [Frutteto³ 50 Natural 4WD]

[Frutteto ³ 50	O Natural 2WD] [Frutteto	³ 50 Natura	al 4WDJ
1	0.065.1160.3/20	3	valve
50	2.1099.108.2	3	special nut m 10 p.1
51	2.1560.006.0	12	gasket 10.2 x 16
52	0.086.1550.2	3	sprayer nozzle
55	2.0312.221.2	2	screw m 8 p.1.25x75
56	2.1480.014.1	2	washer 8
57	0.012.0688.4	1	sediment bowl
57.1	0.066.1553.0	1	cover
57.2	0.066.1554.0/20	1	gasket
57.3	2.0399.304.2	4	screw m 4 x 10
57.4.1	0.066.1555.0	1	tube
57.4.2	0.012.0688.0	1	small tank
58	2.1532.012.0	1	oil seal 6.75 x 1.78
59	2.1539.072.0	2	special oil seal 23.52 x 1.78
60	0.066.1558.0	1	bush
61	0.066.1557.2	1	tube
62	2.3350.003.1	1	nosepiece 8
63	2.3339.418.1	1	pipe fitting m 12 p.1
65	0.007.1427.0	1	tube
66	0.002.8816.0	1	small plate
67	2.0112.007.2	1	screw m 6 p.1 x 20
68	2.1011.103.2	1	nut m 6 p.1
69	2.1470.002.2	1	lock washer 6

1/1



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Frutteto³ 50 Natural

Section: B0 - ENGINE Ref: B0.06.7 (1)

LUBRICANT OIL SUCTION PIPE

Fig.	P/n	QTY	Name
Notes: [Frutteto ³	50 Natural 2WD] [Frutteto	³ 50 Natura	al 4WD]
83	2.1470.004.2	1	lock washer 8
84	2.0112.205.2	1	screw m 8 p.1.25 x 16
85	0.007.1425.3/10	1	tuhe

1/1

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