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

ENGINE

9_MOT00_00_M-A-001

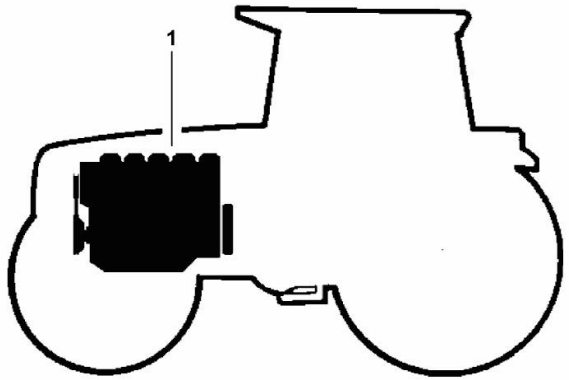


Fig.	P/n	QTY	Name
Notes: [LASER 150 -> 10001]			
1	6.N6303.00.0	1	engine ON ORDERING PLEASE ENGINE NO. REQUIRED

Section: B0 - ENGINE Ref: B0.01.0 (1)

CRANKCASE

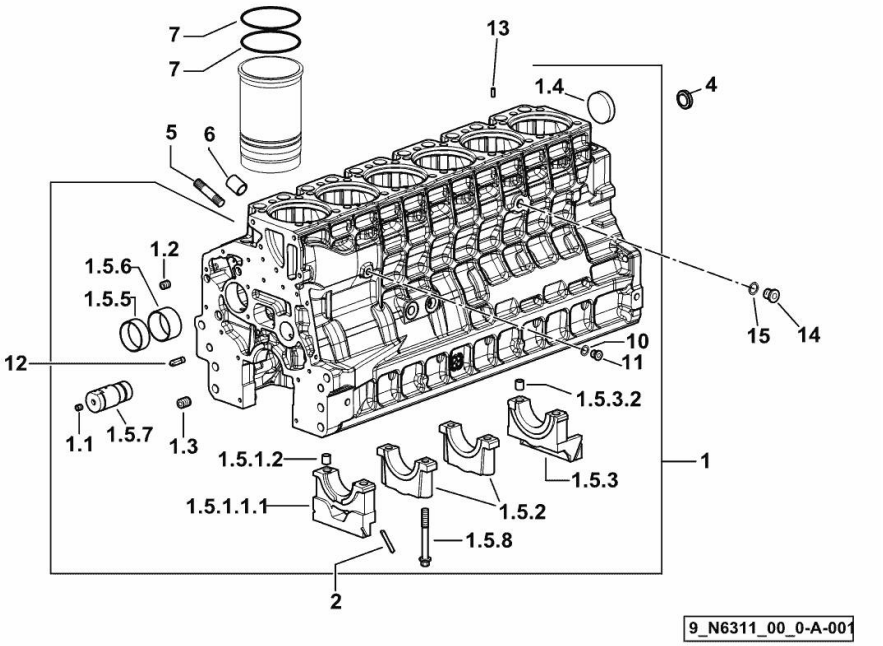


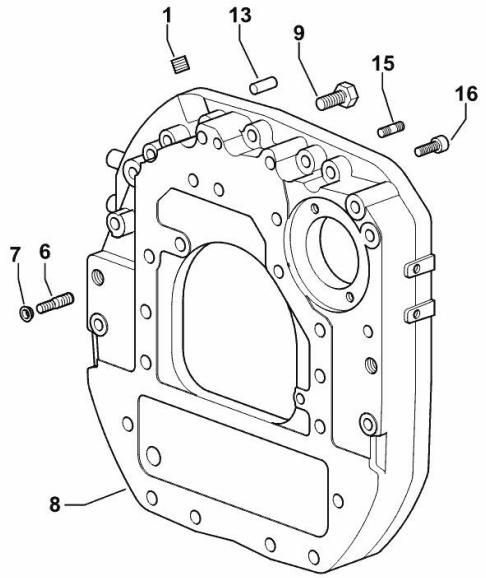
Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

1	0.015.3558.4/10	1	crankcase
1.1	2.3130.001.1	20	plug 1/8" gas
1.2	2.3130.002.1	4	plug 1/4" gas
1.3	2.3130.003.1	6	plug 3/8" gas
1.4	2.3179.012.0	1	plug 60
1.5.1.1.1	0.065.1112.7/10	1	support
1.5.1.2	2.1699.165.0	1	bush 12.3x15x16
1.5.2	0.065.1114.0/10	5	support
1.5.3	0.007.0848.3/20	1	support
1.5.3.2	2.1699.165.0	1	bush 12.3x15x16
1.5.5	0.065.1140.0	6	special bushing 59X55X20
1.5.6	0.065.1141.0	1	special bushing 59X55X30
1.5.7	0.014.1340.0/10	1	pin mm 85
1.5.8	0.065.1117.0	14	screw m 12 x 100
2	0.066.1152.0/10	4	gasket
4	2.3199.312.2/20	1	plug m 35x1.5x9.5
5	2.0439.279.7	12	stud bolt m 8 p.1 x 25
6	2.1559.188.2	6	bush 11.4 x 14 x16
7	2.1539.259.0	12	special oil seal 107.62x2.62
10	2.1560.010.0	1	gasket 14.2 x 20
11	2.3199.292.0	1	plug 1/4" gas
12	0.013.4946.0/10	1	sprayer nozzle
13	2.1549.154.2	6	bush 4.8x5.8x16
14	2.3120.101.0	1	plug m 18 p.1.5
15	2.1560.014.0	1	washer 18.2 x 24

Section: B0 - ENGINE Ref: B0.01.1 (1)

MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE



9_N0411_01_0-A-001

Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

1	2.3131.003.2	1	plug m 16 p.1.5
6	2.0439.250.7	1	stud bolt m 12 / m 10 x 30
7	0.011.9294.0/10	1	bush
8	0.007.0809.0/20	1	flange
9	2.0112.513.2	11	screw m 14 p.2 x 35
13	2.1651.911.0	2	cylindrical plug
15	2.0432.257.7	1	stud bolt m 12 p.1.75 - 1.25 x 30
16	2.0312.520.2	2	screw m 14 p.2x70

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

ENGINE OIL AND TURBO PRESSURE SWITCH UNION

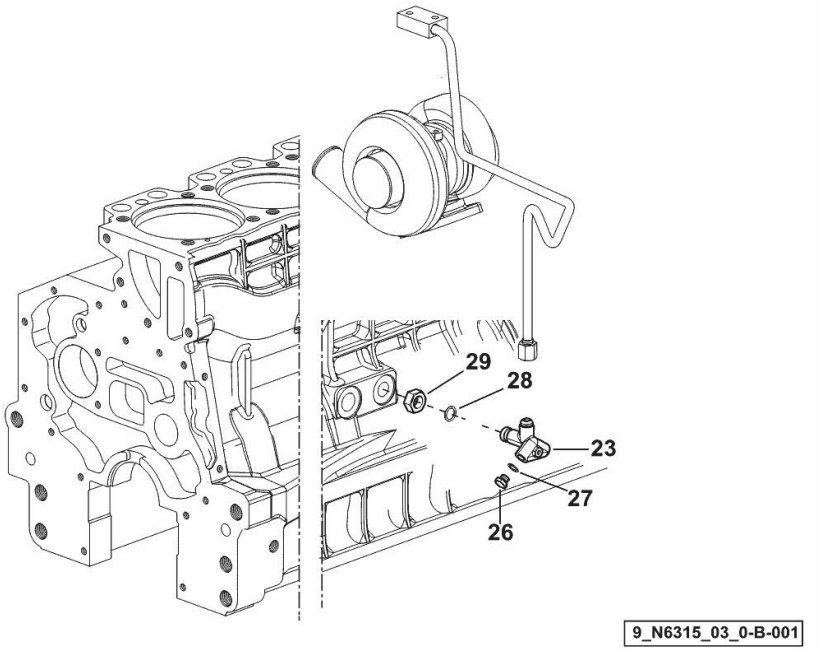


Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

23	2.3339.673.0/10	1	pipe fitting
26	2.3110.403.1	1	plug m 14 p.1.5x12
27	2.1560.010.0	1	gasket 14.2 x 20
28	2.1019.129.2/10	1	nut m 18 p.1.5x12
29	2.1533.038.0	1	oil seal 15.45x2.62

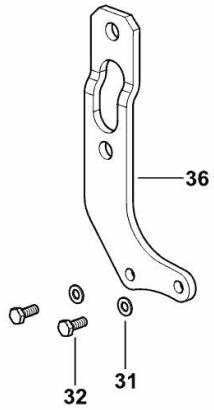
Section: B0 - ENGINE Ref: B0.01.4 (1)

ENGINE LIFTING BRACKET

Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

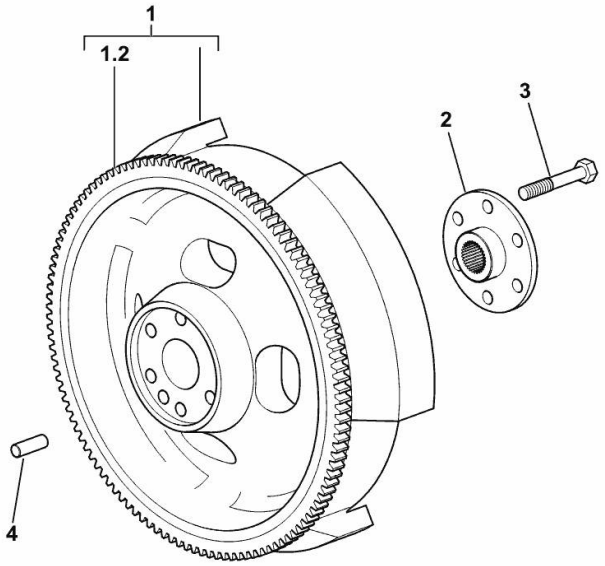
31	2.1310.004.2	2	flat washer 8.4x17
32	2.0112.207.2	2	screw m 8 p 1.25 x 20
36	0.008.9433.0	1	bracket



9_N6318_01_0-C-001

Section: B0 - ENGINE Ref: B0.02.0 (1)

ENGINE FLYWHEEL



9_N0412_01_0-A-001

Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

1	0.078.1241.3	1	flywheel
1.2	0.065.1242.0	1	crown wheel Z = 123
2	0.288.3625.0	1	flange
3	2.0139.023.2	6	screw
4	2.1651.915.0	1	pin 12x35

Section: B0 - ENGINE Ref: B0.02.1 (1)

CRANKSHAFT

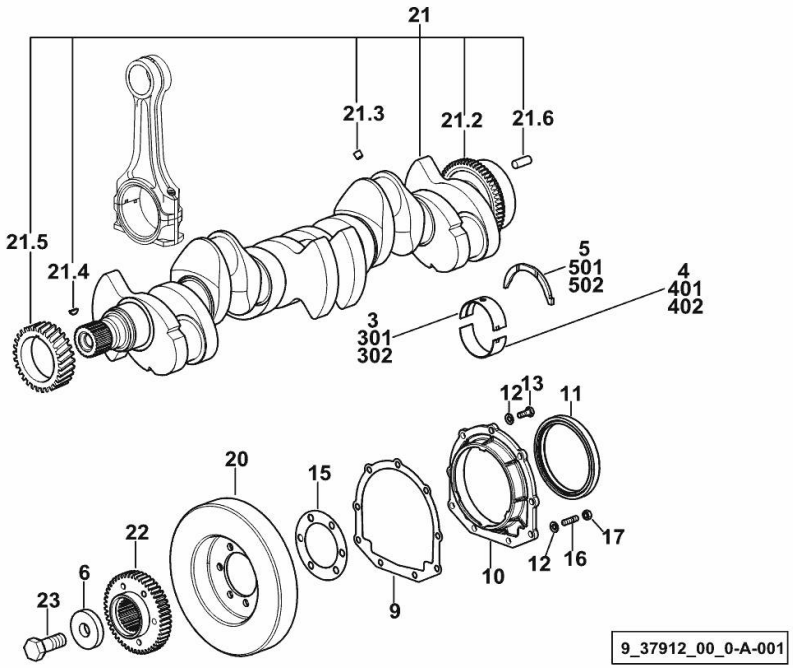


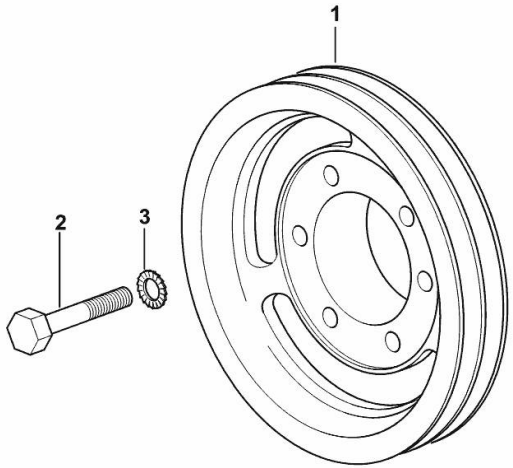
Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

3	0.065.1215.0/10	7	main half bushing STANDARD
4	0.065.1216.0/10	7	main half bushing STANDARD
5	0.065.1218.0	4	shim STANDARD
6	2.1599.524.7	1	washer 21x60x12
9	0.065.1254.0/20	1	gasket
10	0.007.0851.0/10	1	cover
11	2.1529.073.0	1	special oil seal 110x130x13
12	2.1475.002.2	9	conical washer 8
13	2.0112.207.2	7	screw m 8 p 1.25 x 20
15	2.1589.137.0	2	shoulder ring 71x110x1
16	2.0432.003.7	2	stud bolt m 8 p.1.25 / p.1 x 20
17	2.1011.105.2	2	nut m 8 p.1.25
20	0.009.3704.3	1	antivibration pulley
21	0.010.4320.3/30	1	crankshaft
21.2	0.007.0855.0/10	1	gear
21.3	2.3130.001.1	6	plug 1/8" gas
21.4	2.1720.006.0	1	key 4x6.5
21.5	0.007.1188.0/30	1	gear Z = 29
21.6	2.1651.915.0	1	pin 12x35
22	0.011.2206.0/20	1	hub
23	2.0399.144.7/10	1	screw m 20 p.1.5x51
301	0.065.1215.7		main half bushing - mm 0.25
302	0.065.1215.8		main half bushing - mm 0.50
401	0.065.1216.7		main half bushing - mm 0.25
402	0.065.1216.8		main half bushing - mm 0.50
501	0.065.1218.7		shim + mm 0.10
502	0.065.1218.8		shim + mm 0.15

Section: B0 - ENGINE Ref: B0.02.2 (1)

CRANKSHAFT PULLEY



9_33712_01_0-A-001

Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

1	0.007.0962.0/30	1	pulley
2	2.0112.322.2	6	screw m 10 p.1.5x65
3	2.1470.006.2	6	lock washer 10

Section: B0 - ENGINE Ref: B0.02.3 (1)

COOLANT PUMP AND ALTERNATOR DRIVEBELT

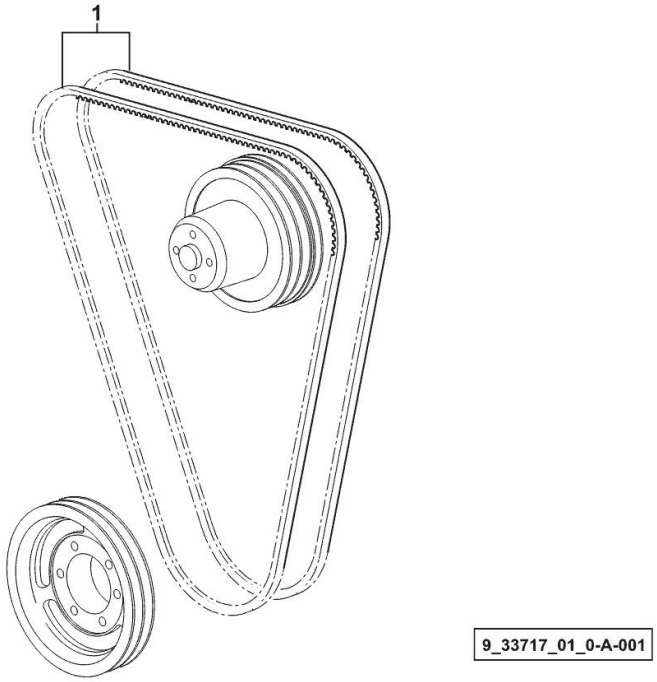


Fig.	P/n	QTY	Name

Notes:
[LASER 150 -> 10001]

1	2.4119.099.0	2	belt AV 13x1437 mm

Section: B0 - ENGINE Ref: B0.02.4 (1)

COOLANT PUMP AND ALTERNATOR DRIVEBELT

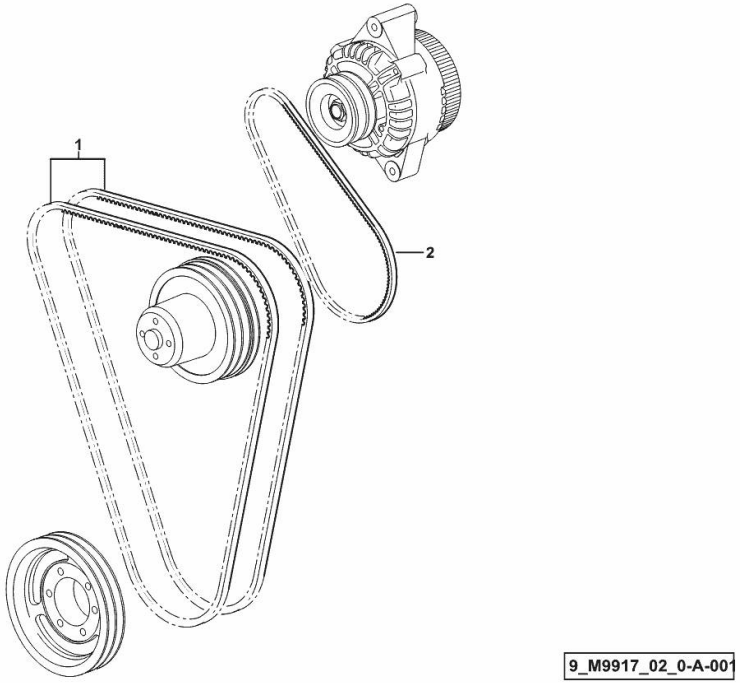


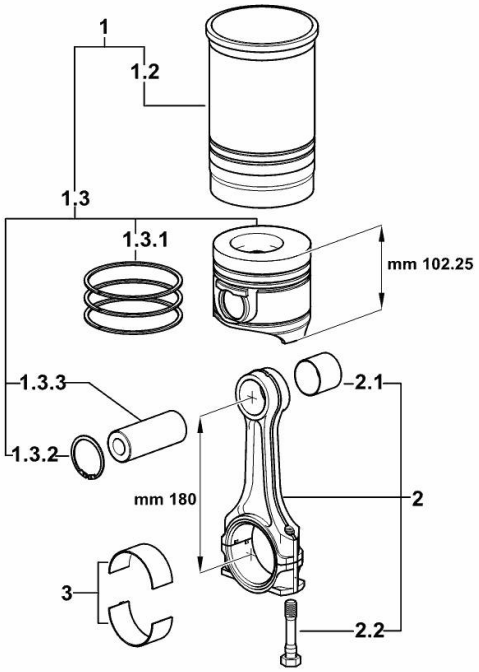
Fig.	P/n	QTY	Name

Notes:
- FOR MODELS WITH COMPRESSOR [LASER 150 -> 10001]

1	0.007.0967.0	2	belt AV 12.7x1470 mm
2	2.4119.134.0	1	belt AV 10x794 mm

Section: B0 - ENGINE Ref: B0.03.1 (1)

CYLINDER - PISTON - CONNECTING ROD

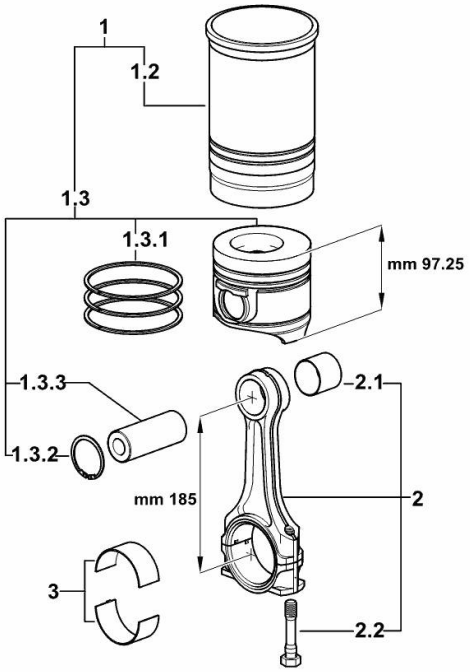


9_N6312_02_M-A-001

Fig.	P/n	QTY	Name
Notes:			
1162 <= [LASER 150 -> 10001]			
1	0.050.0065.A	6	cyl. piston assembly "A" - CLASS A
1	0.050.0065.B	6	cyl. piston assembly "B" - CLASS B
1.2	0.A12.2675.0	1	engine cylinder "A" - CLASS A
1.2	0.B12.2675.0	1	engine cylinder "B" - CLASS B
1.3	0.050.0060.A	1	complete piston "A" - CLASS A
1.3	0.050.0060.B	1	complete piston "B" - CLASS B
1.3.1	0.338.0052.6/20	1	piston ring set
1.3.2	2.1411.014.1	2	circlip 35
1.3.3	0.038.1236.0/10	1	piston pin Ø 18 / Ø 35 / L = mm 90
2	0.007.1395.3/20	6	engine connecting rod
2.1	2.1559.255.0	1	special bushing 34.60x39.130x34.65
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5
3	0.065.1225.0	12	con.rod half bushing STANDARD - A = 28.75 -> 29.00
3	0.065.1225.7	12	con.rod half bushing - mm 0.25
3	0.065.1225.8	12	con.rod half bushing - mm 0.50

Section: B0 - ENGINE Ref: B0.03.2 (1)

CYLINDER - PISTON - CONNECTING ROD



9_Q7512_01_M-A-001

Fig.	P/n	QTY	Name
Notes:			
=> 1163 [LASER 150 -> 10001]			
1	0.O55.0065.A	6	cyl. piston assembly "A" - CLASS A
1	0.O55.0065.B	6	cyl. piston assembly "B" - CLASS B
1.2	0.A12.2675.0	1	engine cylinder "A" - CLASS A
1.2	0.B12.2675.0	1	engine cylinder "B" - CLASS B
1.3	0.O55.0060.A	1	complete piston "A" - CLASS A
1.3	0.O55.0060.B	1	complete piston "B" - CLASS B
1.3.1	0.338.0052.6/20	1	piston ring set
1.3.2	2.1411.014.1	2	circlip 35
1.3.3	0.078.1236.0	1	piston pin Ø 18 / Ø 35 / L = mm 86
2	0.014.5175.3	6	engine connecting rod
2.1	2.1559.255.0	1	special bushing 34.60x39.130x34.65
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5
3	0.065.1225.0	12	con.rod half bushing STANDARD - A = 28.75 -> 29.00
3	0.065.1225.7	12	con.rod half bushing - mm 0.25
3	0.065.1225.8	12	con.rod half bushing - mm 0.50

Section: B0 - ENGINE Ref: B0.04.1 (1)

CAMSHAFT

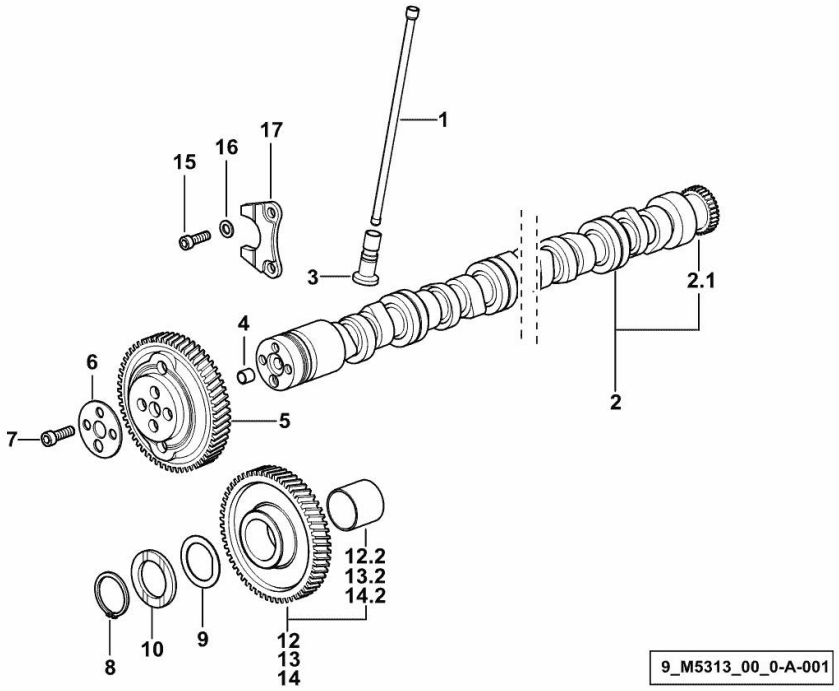


Fig.	P/n	QTY	Name
	Notes:		
	[LASER 150 -> 10001]		
1	0.065.1331.2	12	rod
2	0.013.1647.3/10	1	camshaft
2.1	0.065.1324.0/10	1	gear Z = 32
3	0.065.1330.0	12	tappets
4	2.1559.398.0	1	bushing 10.5x13x12
5	0.013.5017.0	1	gear z=58
6	0.065.1350.0	1	small disc
7	2.0132.207.2	4	screw m 10 p.1 x 25
8	2.1410.016.1	1	circlip 40
9	0.065.1352.0	1	shim
10	0.018.2233.0	2	shoulder ring
12	0.007.1177.3/20	0.5	gear z = 57
			- WITH RED IDENTIFICATION STAMP
12.2	2.1559.185.0/10	1	bushing
13	0.007.1178.3/20	0.5	gear z = 57
			- WITH YELLOW IDENTIFICATION STAMP
13.2	2.1559.185.0/10	1	bushing
14	0.007.1179.3/20		gear z = 57
			- WITH GREEN IDENTIFICATION STAMP
14.2	2.1559.185.0/10	1	bushing
15	2.0312.205.2	2	screw
16	2.1480.014.1	2	washer 8
17	0.065.1353.0	1	small plate

Section: B0 - ENGINE Ref: B0.04.2 (1)

GUARD PLATE

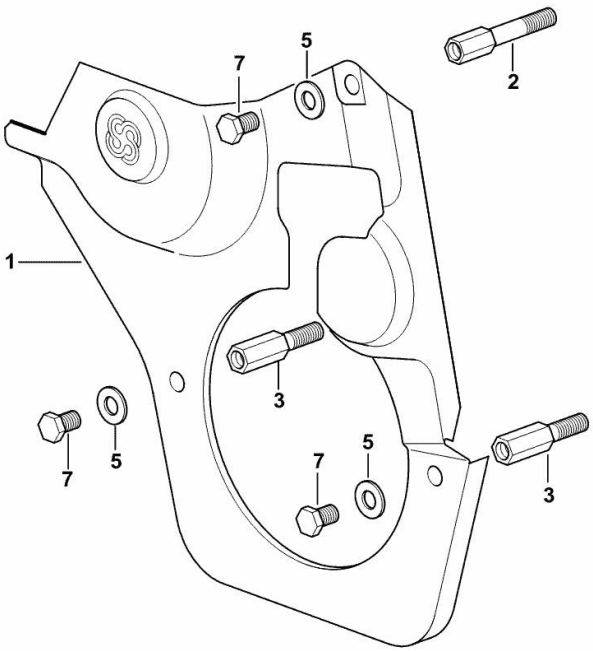


Fig.	P/n	QTY	Name
Notes: [LASER 150 -> 10001]			
1	0.007.1262.3/50	1	guard
2	0.007.1271.0/10	1	small column m 8 p.1.25 / L = mm 60
3	0.007.1272.0/10	2	small column m 8 p.1.25 / L = mm 50
5	2.1310.004.2	3	flat washer 8.4x17
7	2.0112.203.2	3	screw m 8 p.1.25 x 12

Section: B0 - ENGINE Ref: B0.04.3 (1)

TIMING CASE

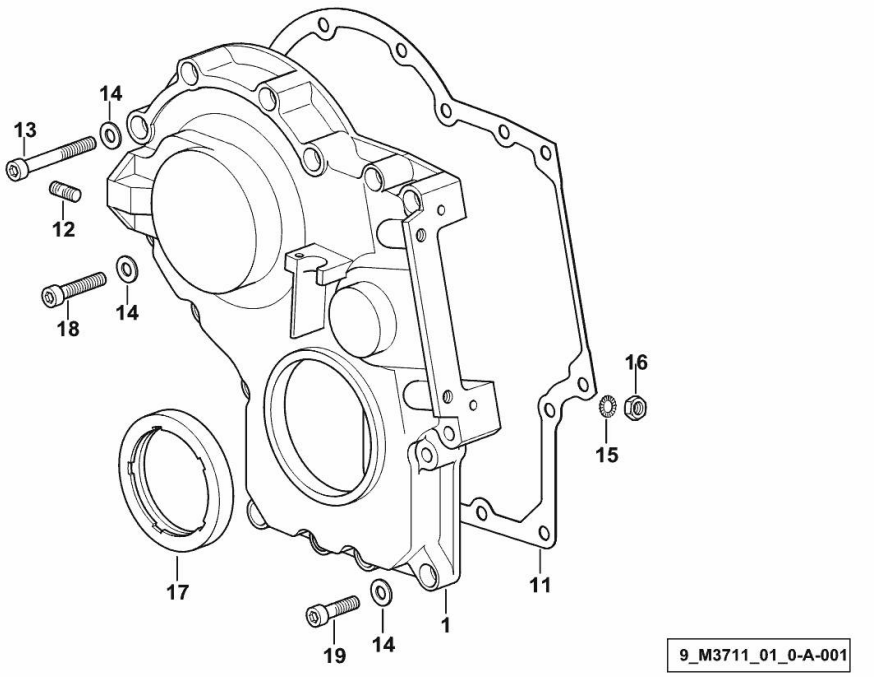


Fig.	P/n	QTY	Name
Notes: [LASER 150 -> 10001]			
1	0.013.4981.0	1	guard
11	0.065.1150.0/30	1	gasket
12	2.0432.003.7	2	stud bolt m 8 p.1.25 / p.1 x 20
13	2.0312.219.2	4	screw m 8 p.1.25x65
14	2.1480.014.1	15	washer 8
15	2.1470.004.2	4	lock washer 8
16	2.1011.405.2	2	nut m 8 p.1
17	2.1529.167.0	1	oil seal
18	2.0312.214.2	3	screw m 8 p.1.25 x 40
19	2.0312.208.2	8	screw m 8 p.1.25 x 25

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