# 

### **EXPLORER 90.4 -> ZKDAW30200TS10001**

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

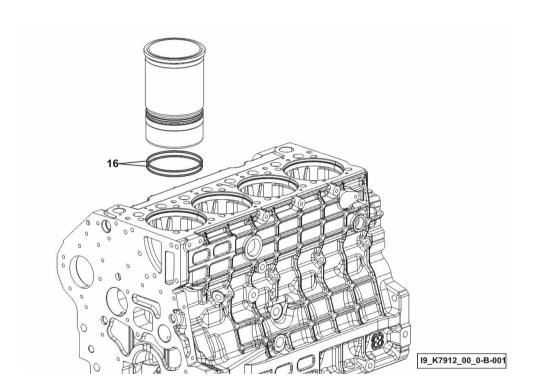
CRANKCASE

Fig.	P/n	QTY	Name

#### Note

[EXPLORER 90.4 -> ZKDAW30200TS10001]

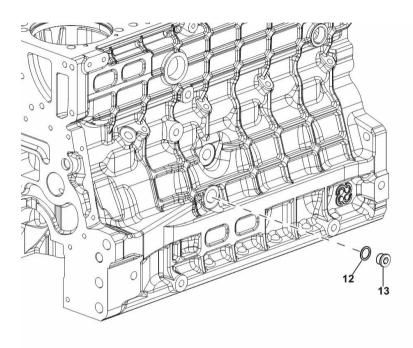
0.020.4332.3/20	1	crankcase
0.019.5106.3	1	support
2.1699.165.0	1	bush 12.3x15x16
0.019.5107.7	3	support
0.019.5108.3	1	support
2.1699.165.0	1	bush 12.3x15x16
0.065.1140.0	4	special bushing 59X55X20
0.065.1141.0	1	special bushing 59X55X30
0.019.4412.0	1	pin
2.3130.001.7	15	plug
2.3130.002.7	2	plug 1/4" gas
2.3130.003.7	4	plug 3/8" gas
2.3130.005.7	3	plug
0.019.4146.0	1	tube
0.019.6173.0	1	tube
2.3179.012.0	1	plug 60
2.3171.010.4	5	plug 25
0.019.4415.0/10	1	tube
0.066.1152.0/10	4	gasket
2.1011.405.2	2	nut m 8 p.1
2.1470.004.2	4	lock washer 8
2.1651.305.0	4	pin 4 x 12
2.1651.507.0	4	pin 6 x 16
2.1560.027.0	1	copper gasket 38.3x44
2.3139.031.2	1	plug
2.1560.010.0	1	gasket 14.2 x 20
2.3199.292.0	1	plug 1/4" gas
2.3139.024.2	1	plug m 12 p.1.5 ( -> 10001 )
2.0399.367.7	10	screw
	0.019.5106.3 2.1699.165.0 0.019.5107.7 0.019.5108.3 2.1699.165.0 0.065.1141.0 0.065.1141.0 0.019.4412.0 2.3130.001.7 2.3130.002.7 2.3130.005.7 0.019.4146.0 0.019.6173.0 2.3179.012.0 2.3171.010.4 0.019.4415.0/10 0.066.1152.0/10 2.1011.405.2 2.1470.004.2 2.1651.305.0 2.1651.507.0 2.1560.027.0 2.3139.031.2 2.1560.010.0 2.3199.292.0 2.3139.024.2	0.019.5106.3       1         2.1699.165.0       1         0.019.5107.7       3         0.019.5108.3       1         2.1699.165.0       1         0.065.1140.0       4         0.065.1141.0       1         0.019.4412.0       1         2.3130.001.7       15         2.3130.002.7       2         2.3130.003.7       4         2.3130.005.7       3         0.019.4146.0       1         0.019.6173.0       1         2.3179.012.0       1         2.3171.010.4       5         0.019.4415.0/10       1         0.066.1152.0/10       4         2.1651.305.0       4         2.1651.305.0       4         2.1560.027.0       1         2.3139.031.2       1         2.3199.292.0       1         2.3139.024.2       1



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

# **CYLINDER LINER O-RING**

Fig.	P/n	QTY	Name	
Notes: [EXPLORE	R 90.4 -> ZKDAW30200	TS10001]		
16	2.1539.259.0	8	special oil seal 107.62x2.62	



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### **EXPLORER 90.4 -> ZKDAW30200TS10001**

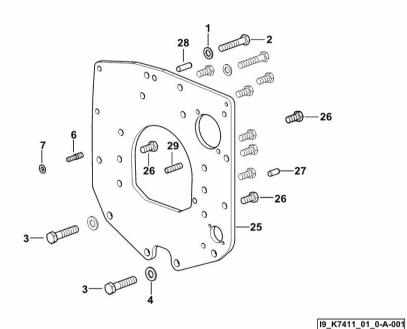
Section: B0 - ENGINE Ref: B0.01.2 (1)

# SIDE PLUG FOR CYLINDER BLOCK

#### Notes:

- FOR TYPES WITH PNEUMATIC BRAKE [EXPLORER 90.4 -> ZKDAW30200TS10001]

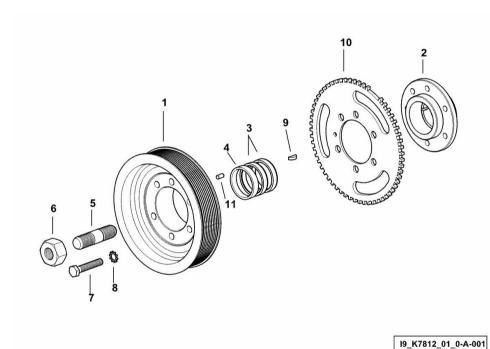
12	2.1560.018.0	1	gasket 22.2 x 29
13	2.3120.102.0	1	plug



Section: B0 - ENGINE Ref: B0.01.3 (1)

# MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

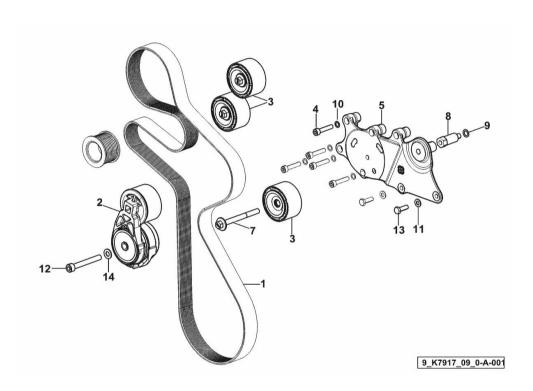
Fig.	P/n	QTY	Name	
Notes:				
[EXPLOR	ER 90.4 -> ZKDAW30200T	S10001]		
1	2.1475.005.2	2	washer 14	
2	2.0112.524.2	2	screw m 14 p.2 x 75	
3	2.0112.624.2	2	screw m 16 p.2 x 75	
4	2.1475.006.2	2	spring washer 16	
6	2.0439.250.7	1	stud bolt m 12 / m 10 x 30	
7	0.011.9294.0/10	1	bush	
25	0.019.1488.0	1	flange	
26	2.0112.511.2	8	screw m 14 p.2 x 30	
27	2.1651.912.0	2	cylindrical plug 12x28	
28	2.1651.917.0	1	cylindrical plug 12x40	
29	2.0432.257.7	1	stud bolt m 12 p.1.75 - 1.25 x 30	



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

# CRANKSHAFT PULLEY

Fig.	P/n	QTY	Name	
<b>Notes:</b> [EXPLOR	ER 90.4 -> ZKDAW30200	TS10001]		
1	0.019.9925.0	1	pulley	
2	0.019.6668.0	1	flange	
3	0.065.1256.0	2	ring 45x52	
4	2.1579.865.0	1	spacer 45.2x51.8x10	
5	2.0439.195.7	1	stud bolt m 20 p.1.5x80	
6	2.1019.094.7	1	nut m 20 p.1.5	
7	2.0112.320.2	6	screw m 10 p.1.5 x 55	
8	2.1470.006.2	6	lock washer 10	
9	2.1720.006.0	1	key 4x6.5	
10	0.019.6413.0	1	gear wheel	
11	2.1651.505.0	1	cylindrical plug 6x12	



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

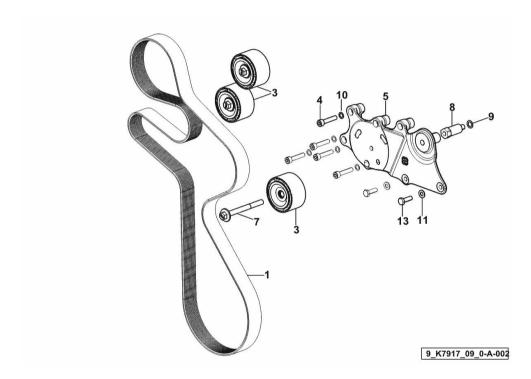
# BELT AND TENSIONER

Fig.	P/n	QTY	Name

#### Notes:

- WITH MANUAL AIR CONDITIONING [EXPLORER 90.4 -> ZKDAW30200TS10001] 10006 <-

1	2.4119.218.0/10	1	belt PK 10 L=2017
2	0.021.4446.4	1	tensioner
3	0.019.9869.4/10	3	pulley guide
4	2.0312.214.2	5	screw m 8 p.1.25 x 40
5	0.020.4604.0	1	support
7	2.0399.380.2	1	screw
8	2.0399.379.2	1	small column
9	2.1480.015.2	1	washer 10
10	2.1480.014.2	5	washer 8
11	2.1310.004.2	2	flat washer 8.4x17
12	2.0314.322.2	1	screw
13	2.0112.209.2	2	screw m 8 p 1.25 x 25
14	2.1310.006.2	1	flat washer 10.5x21



Section: B0 - ENGINE Ref: B0.02.1 (2)

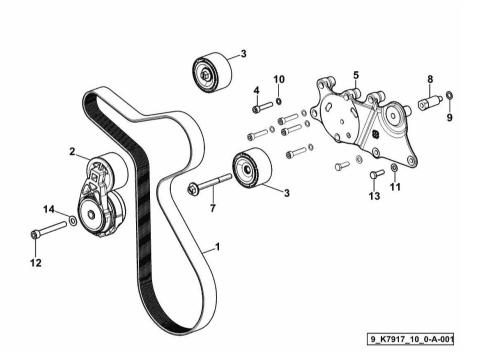
# BELT AND TENSIONER

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

#### Notes:

- WITH MANUAL AIR CONDITIONING [EXPLORER 90.4 -> ZKDAW30200TS10001] -> 10005

1	2.4119.218.0/10	1	belt PK 10 L=2017
3	0.019.9869.4/10	3	pulley guide
4	2.0312.214.2	5	screw m 8 p.1.25 x 40
5	0.020.4604.0	1	support
7	2.0399.380.2	1	screw
8	2.0399.379.2	1	small column
9	2.1480.015.2	1	washer 10
10	2.1480.014.2	5	washer 8
11	2.1310.004.2	2	flat washer 8.4x17
13	2.0112.209.2	2	screw m 8 p 1.25 x 25



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

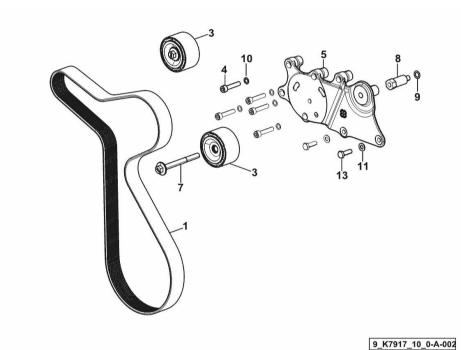
# BELT AND TENSIONER

Fig.	P/n	QTY	Name
•			· · · · · · · · · · · · · · · · · · ·

#### Notes:

WITHOUT AIR-CONDITIONING [EXPLORER 90.4 -> ZKDAW30200TS10001] 10003 <-

1	2.4119.219.0	1	belt PK 10 L=1498
2	0.021.4446.4	1	tensioner
3	0.019.9869.4/10	2	pulley guide
4	2.0312.214.2	5	screw m 8 p.1.25 x 40
5	0.020.4604.0	1	support
7	2.0399.380.2	1	screw
8	2.0399.379.2	1	small column
9	2.1480.015.2	1	washer 10
10	2.1480.014.2	5	washer 8
11	2.1310.004.2	2	flat washer 8.4x17
12	2.0314.322.2	1	screw
13	2.0112.209.2	2	screw m 8 p 1.25 x 25
14	2.1310.006.2	1	flat washer 10.5x21



Section: B0 - ENGINE Ref: B0.02.2 (2)

# BELT AND TENSIONER

Fig.	P/n	QTY	Name

#### Notes:

WITHOUT AIR-CONDITIONING [EXPLORER 90.4 -> ZKDAW30200TS10001] -> 10007

1	2.4119.219.0	1	belt PK 10 L=1498
3	0.019.9869.4/10	2	pulley guide
4	2.0312.214.2	5	screw m 8 p.1.25 x 40
5	0.020.4604.0	1	support
7	2.0399.380.2	1	screw
8	2.0399.379.2	1	small column
9	2.1480.015.2	1	washer 10
10	2.1480.014.2	5	washer 8
11	2.1310.004.2	2	flat washer 8.4x17
13	2.0112.209.2	2	screw m 8 p 1.25 x 25

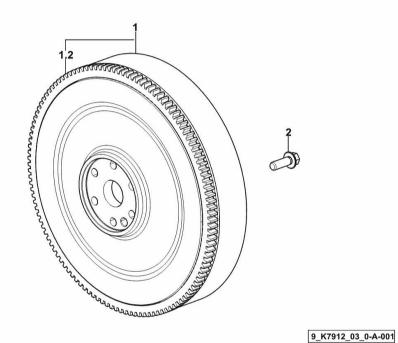
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# **EXPLORER 90.4 -> ZKDAW30200TS10001**

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

# TENSION ROLLER

Fig.	P/n	QTY	Name
Notes: [EXPLOF	RER 90.4 -> ZKDAW30200	TS10001] ->	> 10005
1	0.019.9867.4	1	tensioner
2	2.1310.006.2	1	flat washer 10.5x21
3	2.0314.322.2	1	screw



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

# ENGINE FLYWHEEL

Fig.	P/n	QTY	Name
Notes: [EXPLOR]	ER 90.4 -> ZKDAW30200	TS10001]	
1	0.019.1948.3	1	flywheel
1.2	0.065.1242.0	1	crown wheel $Z = 123$
2	2.0399.368.0	6	screw

# 20 14 21

### **EXPLORER 90.4 -> ZKDAW30200TS10001**

Section: B0 - ENGINE Ref: B0.02.7 (2)

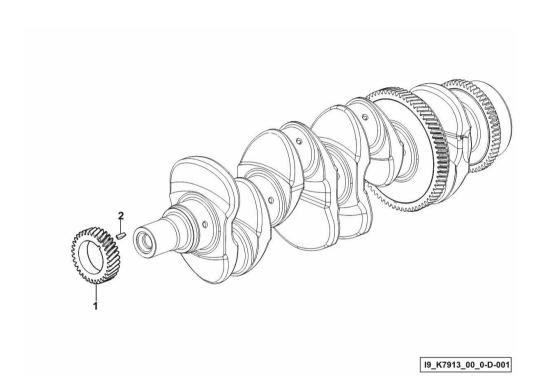
# CRANKSHAFT

Fig.	P/n	QTY	Name
<b>Notes:</b> [EXPLORE	ER 90.4 -> ZKDAW30200T	S10001]	
1	0.019.2251.3/10	1	crankshaft
1.2	0.065.1211.0/10	1	crown wheel
1.3	2.1630.608.0	1	pin 6x16
1.4	2.1651.915.0	1	pin 12x35
1.5	0.007.0855.0/10	1	gear
7	0.019.5456.0	5	main half bushing STANDARD
8	0.019.5455.0	5	main half bushing STANDARD
9	2.1599.524.7	1	washer 21x60x12
10	0.065.1218.0	4	shim STANDARD
11	2.1529.073.0	1	special oil seal 110x130x13
12	0.065.1254.0/20	1	gasket
13	0.007.0851.0/10	1	cover
14	2.1475.002.2	9	conical washer 8
15	2.0112.207.2	7	screw m 8 p 1.25 x 20
20	2.0432.003.7	2	stud bolt m 8 p.1.25 / p.1 x 20
21	2.1011.405.2	2	nut m 8 p.1
1001	0.065.1218.7		shim + mm 0.10
1002	0.065.1218.8		$shim + mm \ 0.15$

Section: B0 - ENGINE Ref: B0.02.8 (1)

# CRANKSHAFT GEAR

Fig.	P/n	QTY	Name
Notes: [EXPLORER 90	0.4 -> ZKDAW30200TS10	001]	
1 2	0.019.4145.0 2.1720.006.0	1 1	gear z = 33 $key 4x6.5$



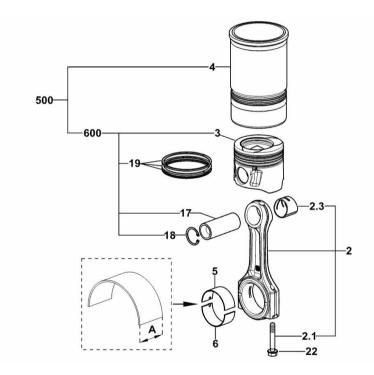
#### 38.2.2 38.3.2 38.3.2 38.3.2 38.3.2 38.3.2 38.3.2 38.4.1 38.6 38.4.1 38.6 38.1.1 38.1.2 38.3.2 38.6 38

### **EXPLORER 90.4 -> ZKDAW30200TS10001**

Section: B0 - ENGINE Ref: B0.02.9 (1)

# **COUNTERWEIGHTS**

Fig.	P/n	QTY	Name
Notes:			
[EXPLORE	ER 90.4 -> ZKDAW30200T	S10001]	
25	2.1589.139.0	1	shoulder ring mm 0.3
26	2.1589.140.0	3	shoulder ring mm 0.1
29	2.1579.628.0	3	spacer 16.5x26x0.1
33	2.1579.629.0	6	spacer 12.5x26x0.1
34	2.1589.048.0	1	shoulder ring 16.5x26x0.3
35	2.1589.049.0	1	shoulder ring 12.5x26x0.3
38.1.1	0.086.1231.0/10	1	box
38.1.2	2.3130.001.1	4	plug 1/8" gas
38.2	0.086.1233.3/30	1	mass sx/lh/li
38.2.2	2.1559.115.0	2	special bushing 26x30x30
38.2.4	2.1651.302.0	1	roll pin 4x6
38.3	0.065.1233.3/30	1	mass dx/rh/re
38.3.2	2.1559.115.0	2	special bushing 26x30x30
38.3.4	2.1651.302.0	1	roll pin 4x6
38.3.5	2.1410.018.1	1	circlip 45
38.4.1	0.065.1234.0/10	1	shaft
38.4.2	2.3130.001.1	1	plug 1/8" gas
38.5	2.1631.717.0	2	roll pin 8 x 40
38.6	2.1589.185.0	4	shoulder ring 26.1x34x1
38.7	2.0522.212.7	1	screw m 8 p.1.25 x 30
44	2.1579.626.0	2	spacer 13.2x16x11
45	2.0139.028.2	4	screw m 12
46	2.1699.191.0	1	bush 7x10x16



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### **EXPLORER 90.4 -> ZKDAW30200TS10001**

Section: B0 - ENGINE Ref: B0.03.0 (1)

# CYLINDER - PISTON - CONNECTING ROD

Fig.	P/n	QTY	Name
Notes: [EXPLOR	ER 90.4 -> ZKDAW30200T	S10001]	
2	0.019.2226.3/10	4	engine connecting rod
2.1	2.0399.365.0	2	screw m 10 p.1.25x61.5
2.3	2.1559.532.0	1	special bushing 34.60x39.130x36.65
3	0.019.4180.0/10	4	piston
4	0.019.4717.0/30	4	engine cylinder
5	0.019.5453.0	4	con.rod half bushing STANDARD - $A = 29.85 \rightarrow 30.10$
6	0.019.5454.0	4	con.rod half bushing STANDARD - $A = 29.85 \rightarrow 30.10$
17	0.019.4187.0	4	piston pin
18	0.019.4188.0	8	circlip 35
19	0.019.4199.6	4	piston ring set
22	2.0399.365.0	8	screw m 10 p.1.25x61.5
500	0.K77.0065.6	4	cyl. piston assembly
600	0.K77.0060.6	4	complete piston

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