

Section: ENGINE
CRANKCASE

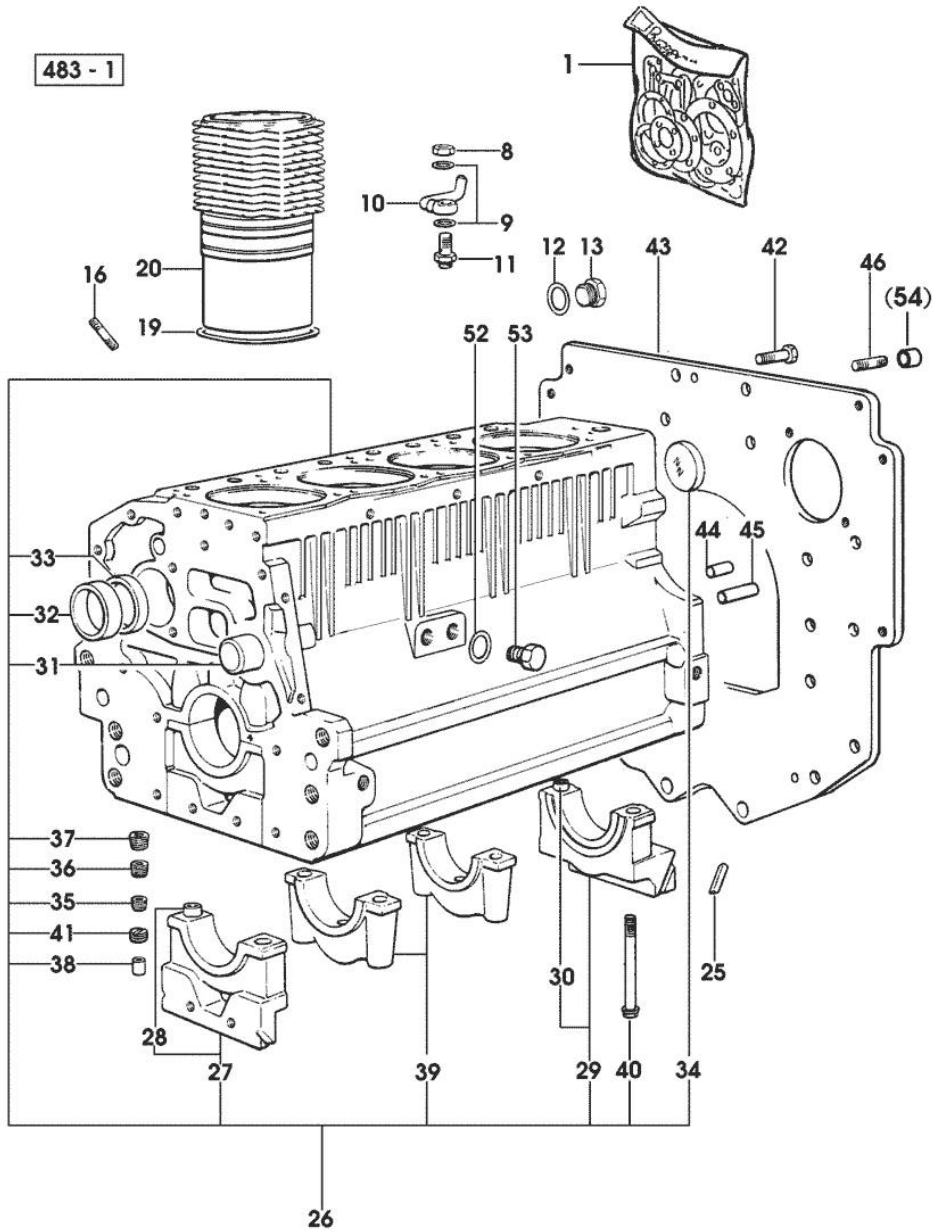
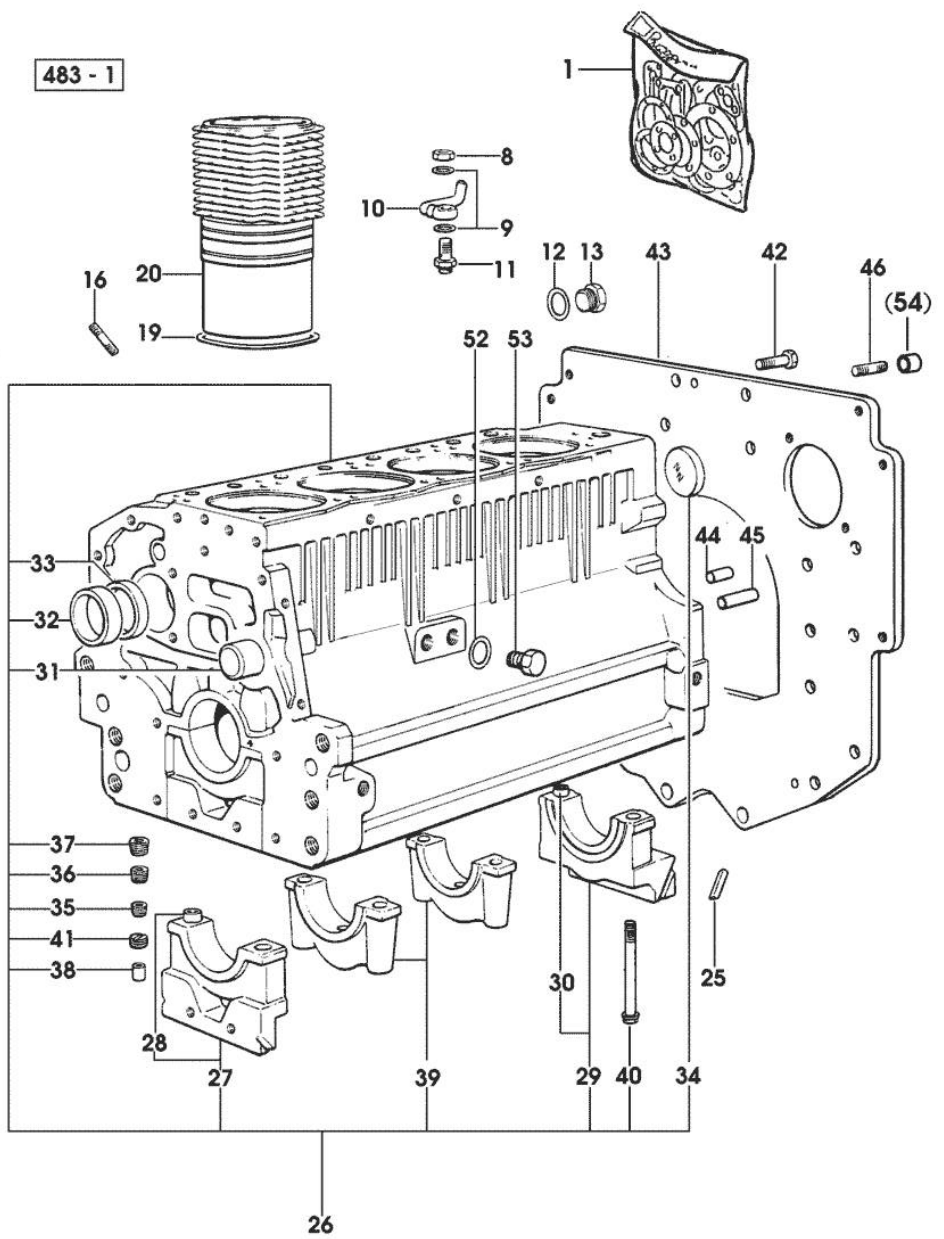


Fig.	P/n	QTY	Name
Notes: [EXPLORER 70 C Ergomatic]			
1	0.087.0050.6/10		gasket set - FOR ENGINE MOUNTING
8	2.1099.108.2	4	special nut m 10 p.1
9	2.1560.006.0	8	gasket 10.2 x 16
10	0.086.1550.2	4	sprayer nozzle
11	0.065.1160.3/20	4	valve
12	2.1539.047.0	1	special oil seal 26.7x1.78
13	2.3199.405.2	1	plug m 28 p.1.5
16	2.0432.003.7	12	stud bolt m 8 p.1.25 / p.1 x 20
19	2.1519.096.0/20	4	special oil seal 107.67x1.78 26012 <- X 70C - 80C 6768 <- X 90C TURBO
19	2.1539.130.0/10	4	special oil seal 117.07x3.53 -> 26013 X 70C - 80C -> 6769 X 90C TURBO
20	0.007.0762.0/50	4	engine cylinder -> (...) - 12213 <- X 70C -> (...) - 12268 <- X 80C -> (...) - 2571 <- X 90C T
20	0.085.1120.0/10	4	engine cylinder (...) <-
20	0.A13.0355.0	4	engine cylinder "A" -> 12214 X 70C -> 12269 X 80C -> 2572 X 90C T
20	0.B13.0355.0	4	engine cylinder "B" -> 12214 X 70C -> 12269 X 80C -> 2572 X 90C T
25	0.066.1152.0/10	4	gasket
26	0.007.1140.6/10	1	crankcase -> 26013 X 70C - 80C -> 6769 X 90C TURBO
26	0.086.1110.6	1	crankcase 26012 <- X 70C - 80C 6768 <- X 90C TURBO
27	0.065.1112.7	1	support
28	2.1699.165.0	1	bush 12.3x15x16
29	0.065.1116.3	1	support
30	2.1699.165.0	1	bush 12.3x15x16
31	0.066.1151.0	1	pin

CRANKCASE

Fig.	P/n	QTY	Name
32	0.065.1141.0	1	special bushing 59X55X30
33	0.065.1140.0	4	special bushing 59X55X20
34	2.3179.012.0	1	plug 60
35	2.3130.001.1	10	plug 1/8" gas
36	2.3130.002.1	2	plug 1/4" gas
37	2.3130.003.1	7	plug 3/8" gas
38	2.3199.092.0	4	plug 8 x 12
39	0.065.1114.0/10	3	support
40	0.065.1117.0	10	screw m 12 x 100
41	2.1324.011.0	1	plug
42	2.0112.511.1	8	screw m 14 p.2 x 30
43	0.007.9137.0	1	flange -> (...)
43	0.065.1164.0/20	1	flange (...) <-
44	2.1651.912.0	2	cylindrical plug 12x28
45	2.1651.917.0	1	cylindrical plug 12x40
46	2.0432.255.7	1	stud bolt m 12 p.1.75-1.25x25
46	2.0439.250.7	1	stud bolt m 12 / m 10 x 30
52	2.1560.017.0	1	gasket 22.2 x 27
53	2.3120.002.4	1	plug m 22 x 1.5
54	0.011.9294.0/10	1	bush



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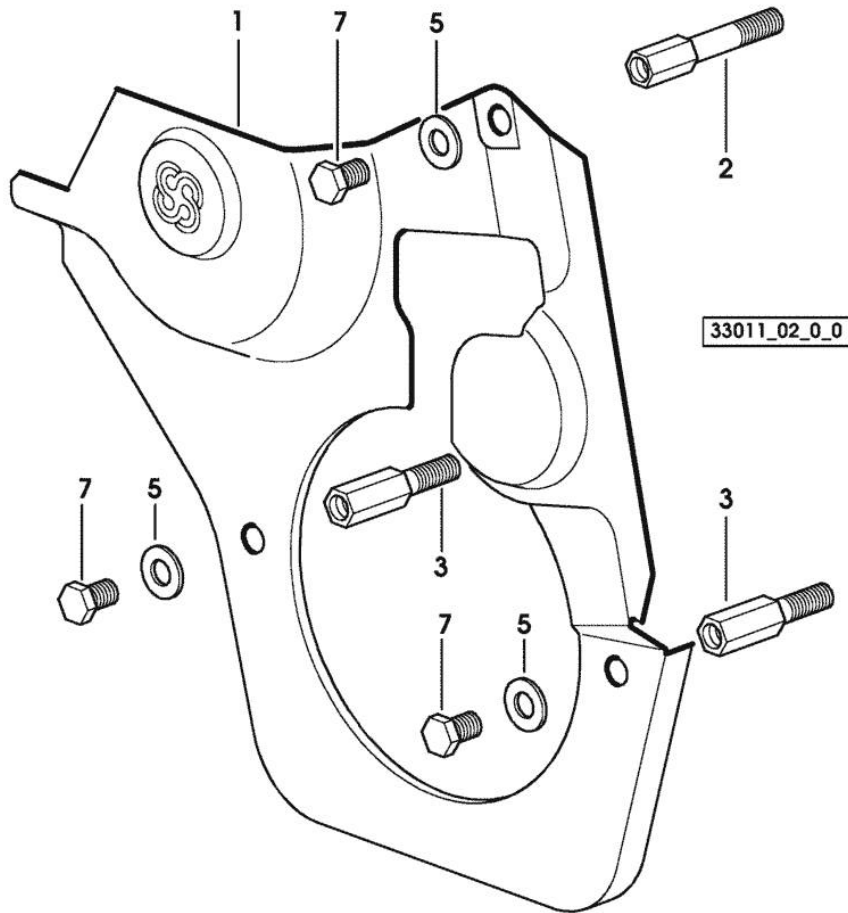
TIMING CASE

Fig.	P/n	QTY	Name
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Notes:

[EXPLORER 70 C Ergomatic]

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	2.0112.205.2	3	screw m 8 p.1.25 x 16



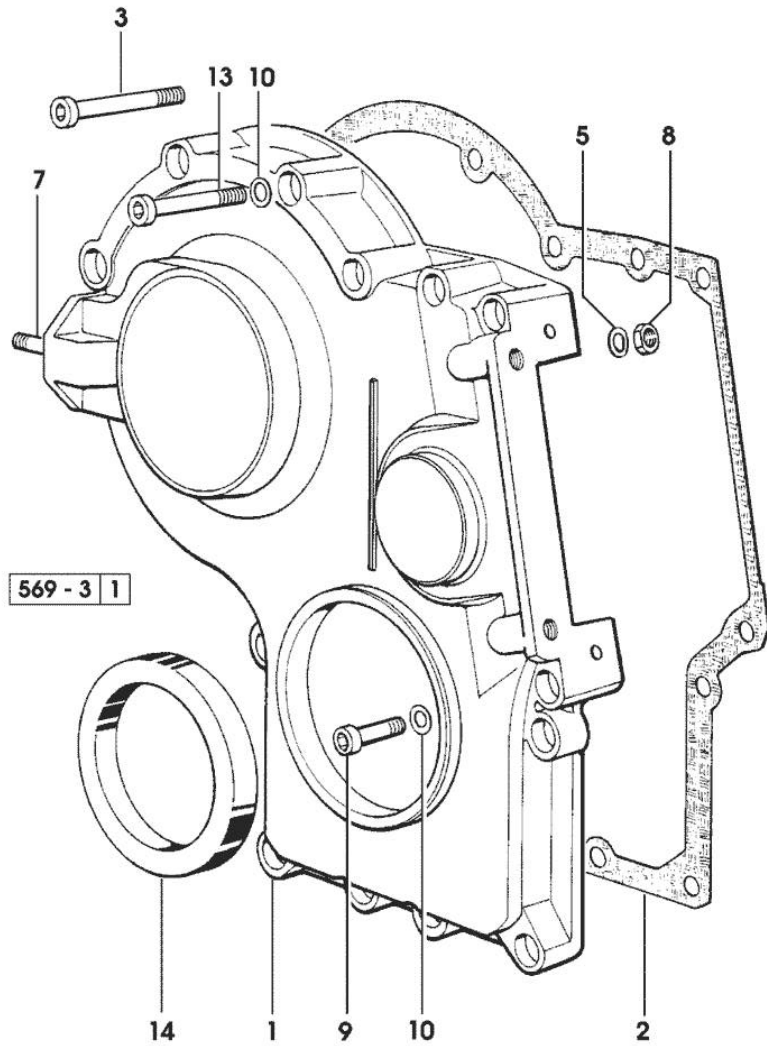
TIMING CASE

Fig.	P/n	QTY	Name
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Notes:

[EXPLORER 70 C Ergomatic]

1	0.065.1132.0/60	1	guard
2	0.065.1150.0/30	1	gasket
3	2.0312.219.2	4	screw m 8 p.1.25x65
5	2.1470.004.2	4	lock washer 8
7	2.0432.003.7	2	stud bolt m 8 p.1.25 / p.1 x 20
8	2.1011.405.2	2	nut m 8 p.1
9	2.0312.208.2	8	screw m 8 p.1.25 x 25
10	2.1480.014.1	15	washer 8
13	2.0312.214.2	3	screw m 8 p.1.25 x 40
14	2.1529.141.0	1	special oil seal



CRANKSHAFT

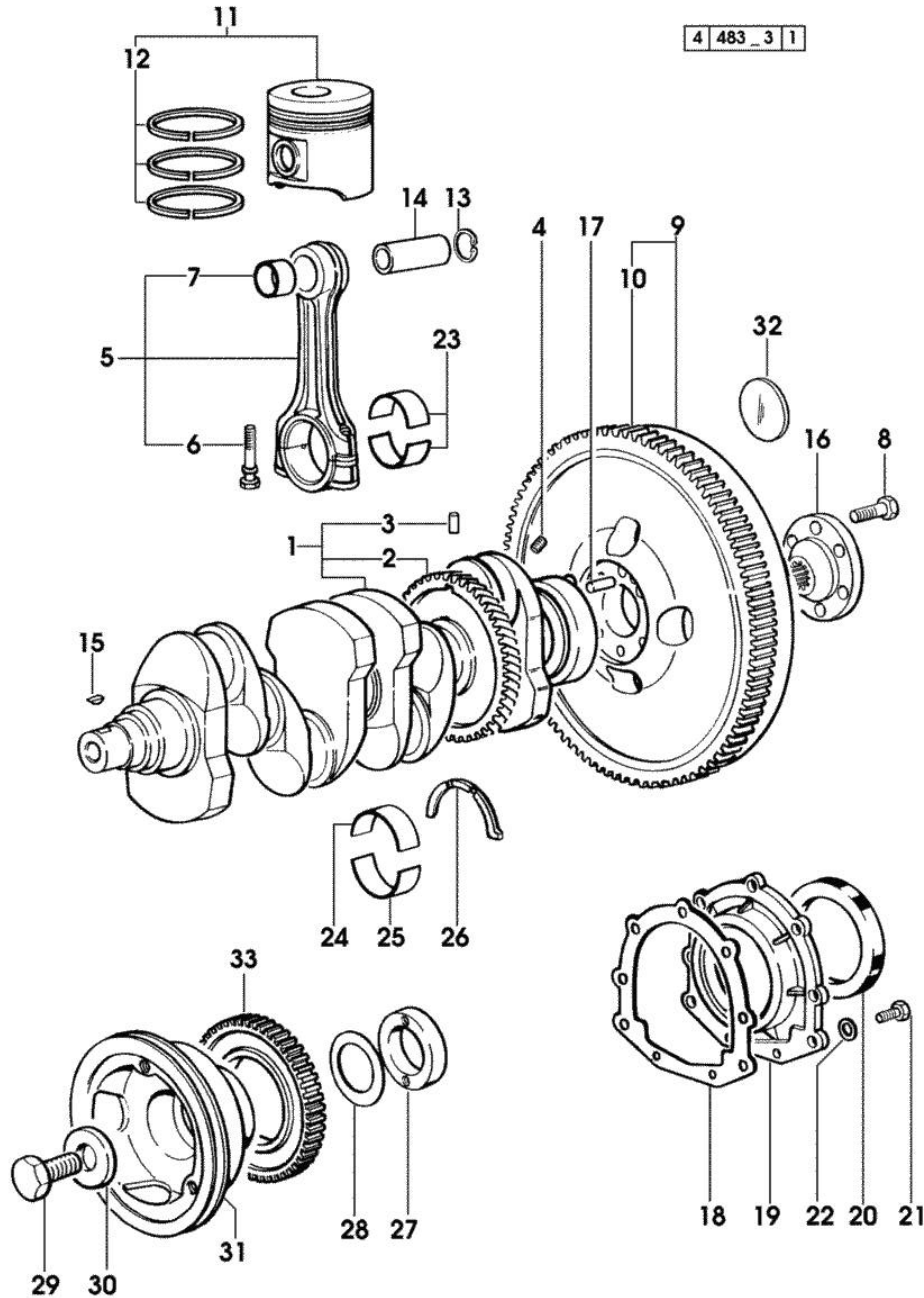


Fig.	P/n	QTY	Name
1	0.086.1210.3/30	1	crankshaft * (...) <- - N.1 - 007.1711.0/10
2	0.065.1211.0/10	1	crown wheel
3	2.1630.608.0	1	pin 6x16
4	2.3130.001.1	4	plug 1/8" gas
5	0.078.1220.3/30	4	engine connecting rod
6	2.0399.213.0	8	screw m 12 p.1.25x61.5
7	2.1559.114.0/10	4	special bushing
8	2.0139.022.2	6	screw m 12 p.1.25x55
9	0.066.1247.3/20	1	flywheel
10	0.065.1242.0	1	crown wheel Z = 123
11	0.086.0060.6/30	4	complete piston 71370 <= X 70C 71387 <= X 80C
11	0.338.0060.6/20	4	complete piston 20023 <= X 90C TURBO
11	0.379.0060.6	4	complete piston => 71371 - (...) <= X 70C => 71388 - (...) <= X 80C
11	0.379.0060.A	4	complete piston "A" => (...) X 70C - 80C
11	0.379.0060.B	4	complete piston "B" => (...) X 70C - 80C
11	0.381.0060.6	4	complete piston => 20024 - (...) <= X 90C TURBO
11	0.381.0060.A	4	complete piston "A" -> (...) X 90C TURBO
11	0.381.0060.B	4	complete piston "B" -> (...) X 90C TURBO
12	0.086.0052.6/10	4	piston ring set - X 70C - 80C
12	0.338.0052.6/10	4	piston ring set - X 90C TURBO
13	2.1411.014.1	8	circlip 35
14	0.078.1236.0	4	piston pin Ø 18 / Ø 35 / L = mm 86
15	2.1720.006.0	2	key 4x6.5
16	0.255.2525.0/10	1	flange
17	2.1652.915.0	1	cylindrical plug 12x35
18	0.065.1254.0/20	1	gasket
19	0.007.1711.0/10	1	cover

CRANKSHAFT

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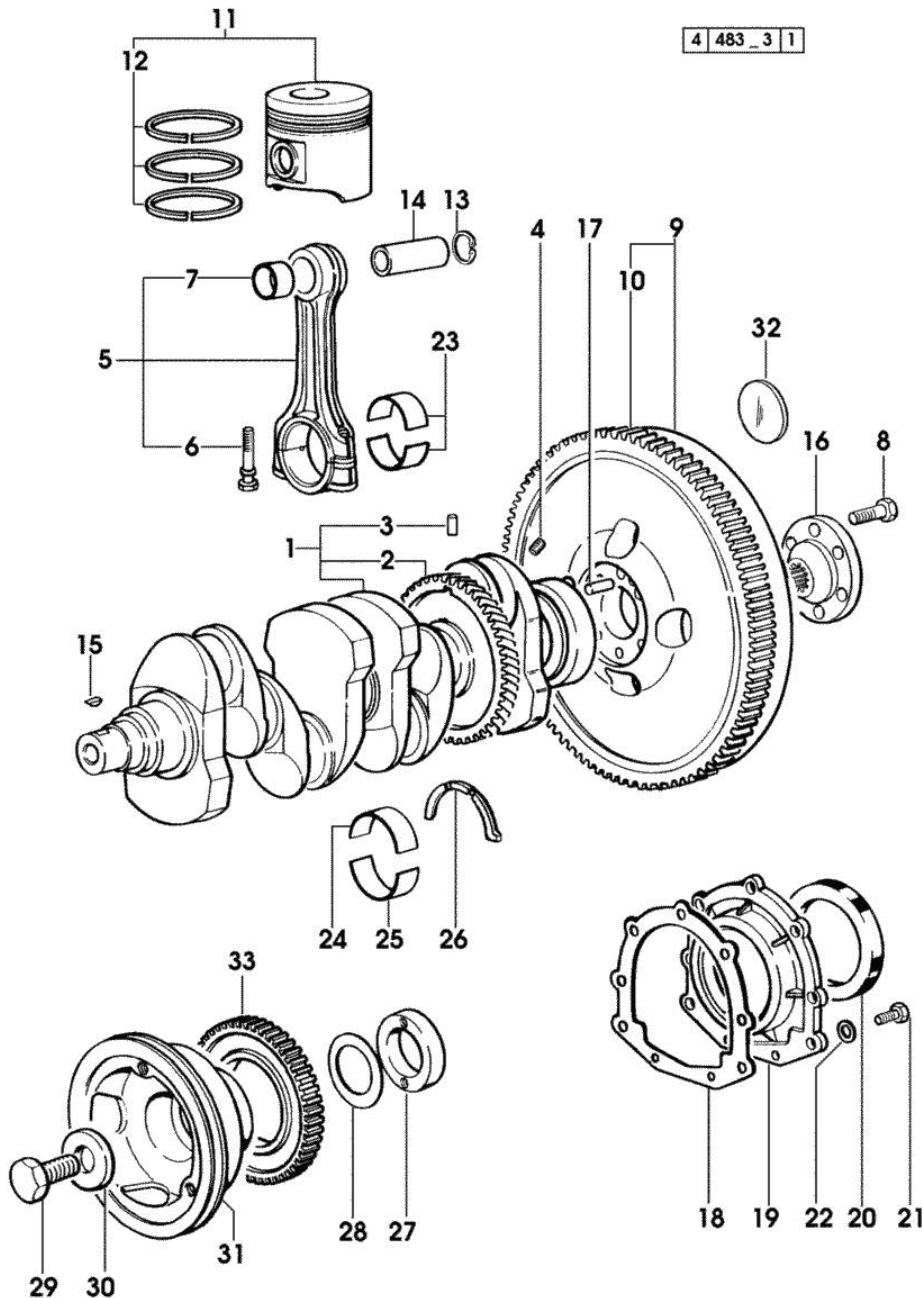


Fig.	P/n	QTY	Name
			-> (...)
19	0.065.1253.0/20	1	cover
			(...)<-
20	2.1529.073.0	1	special oil seal 110x130x13
21	2.0112.207.2	9	screw m 8 p 1.25 x 20
22	2.1475.002.2	9	conical washer 8
23	0.065.1225.0	8	con.rod half bushing STANDARD - A = 28.75 -> 29.00
23	0.065.1225.7		con.rod half bushing - mm 0.25
23	0.065.1225.8		con.rod half bushing - mm 0.50
24	0.065.1215.0	5	main half bushing STANDARD
24	0.065.1215.7		main half bushing - mm 0.25
24	0.065.1215.8		main half bushing - mm 0.50
25	0.065.1216.0	5	main half bushing
25	0.065.1216.7		main half bushing - mm 0.25
25	0.065.1216.8		main half bushing - mm 0.50
26	0.065.1218.0	4	shim STANDARD
26	0.065.1218.7		shim + mm 0.10
26	0.065.1218.8		shim + mm 0.15
27	0.085.1248.0/10	1	hub
28	2.1589.189.0	2	shoulder ring mm 1.00
29	2.0399.144.7/10	1	screw m 20 p.1.5x51
30	2.1599.524.7	1	washer 21x60x12
31	0.007.1330.0/30	1	pulley
32	2.3199.135.2	1	plug
33	0.011.3531.0	1	gear Z = 48

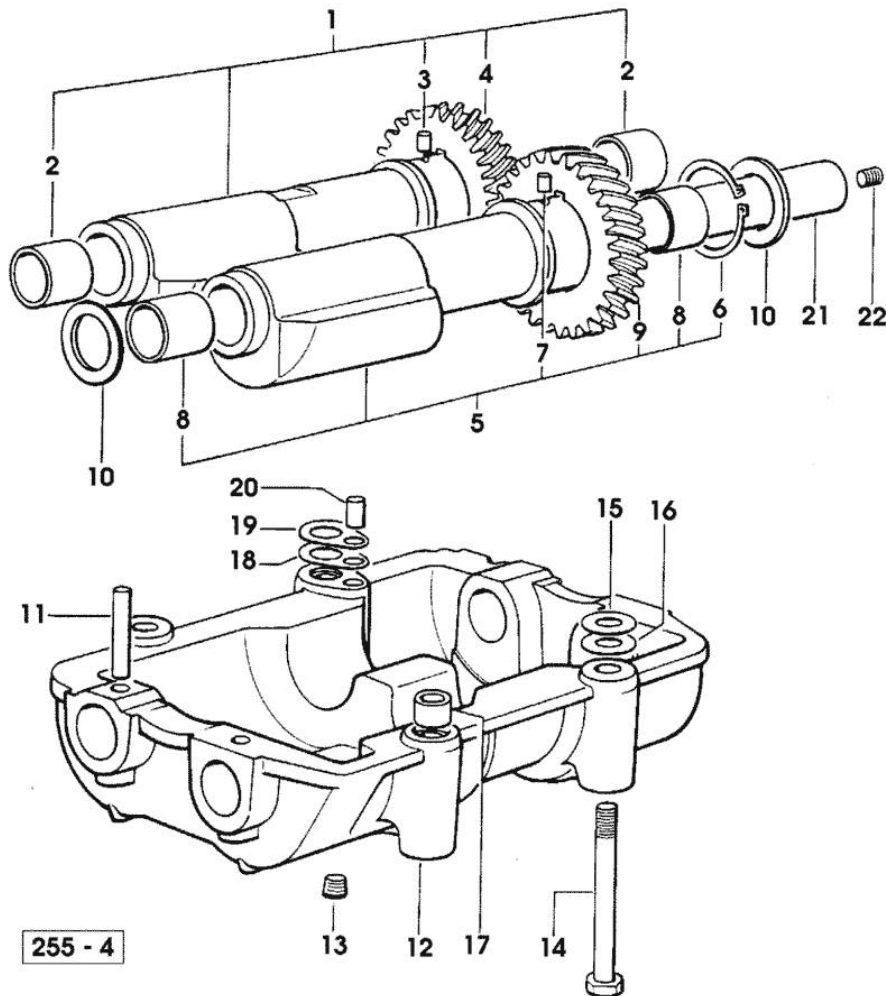
COUNTERWEIGHTS

Fig.	P/n	QTY	Name
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Notes:

[EXPLORER 70 C Ergomatic]

1	0.086.1233.3/30	1	mass sx/lh/li
2	2.1559.115.0	2	special bushing 26x30x30
3	2.1652.302.0	1	roll pin 4x6
4	0.000.0000.1		cannot be supplied
5	0.065.1233.3/30	1	mass dx/rh/re
6	2.1410.018.7	1	circlip 45
7	2.1652.302.0	1	roll pin 4x6
8	2.1559.115.0	2	special bushing 26x30x30
9	0.000.0000.1		cannot be supplied
10	2.1589.185.0	4	shoulder ring 26.1x34x1
11	2.1631.717.0	2	roll pin 8 x 40
12	0.086.1231.0/10	1	box
13	2.3130.001.1	4	plug 1/8" gas
14	2.0139.028.2	4	screw m 12
15	2.1579.628.0	2	spacer 16.5x26x0.1
15	2.1589.048.0	2	shoulder ring 16.5x26x0.3
16	2.1579.629.0	2	spacer 12.5x26x0.1
16	2.1589.049.0	2	shoulder ring 12.5x26x0.3
17	2.1579.626.0	2	spacer 13.2x16x11
18	2.1589.139.0	2	shoulder ring mm 0.3
19	2.1589.140.0	2	shoulder ring mm 0.1
20	2.1699.191.0	1	bush 7x10x16
21	0.065.1234.0/10	2	shaft
22	2.3130.001.1	2	plug 1/8" gas



CAMSHAFT

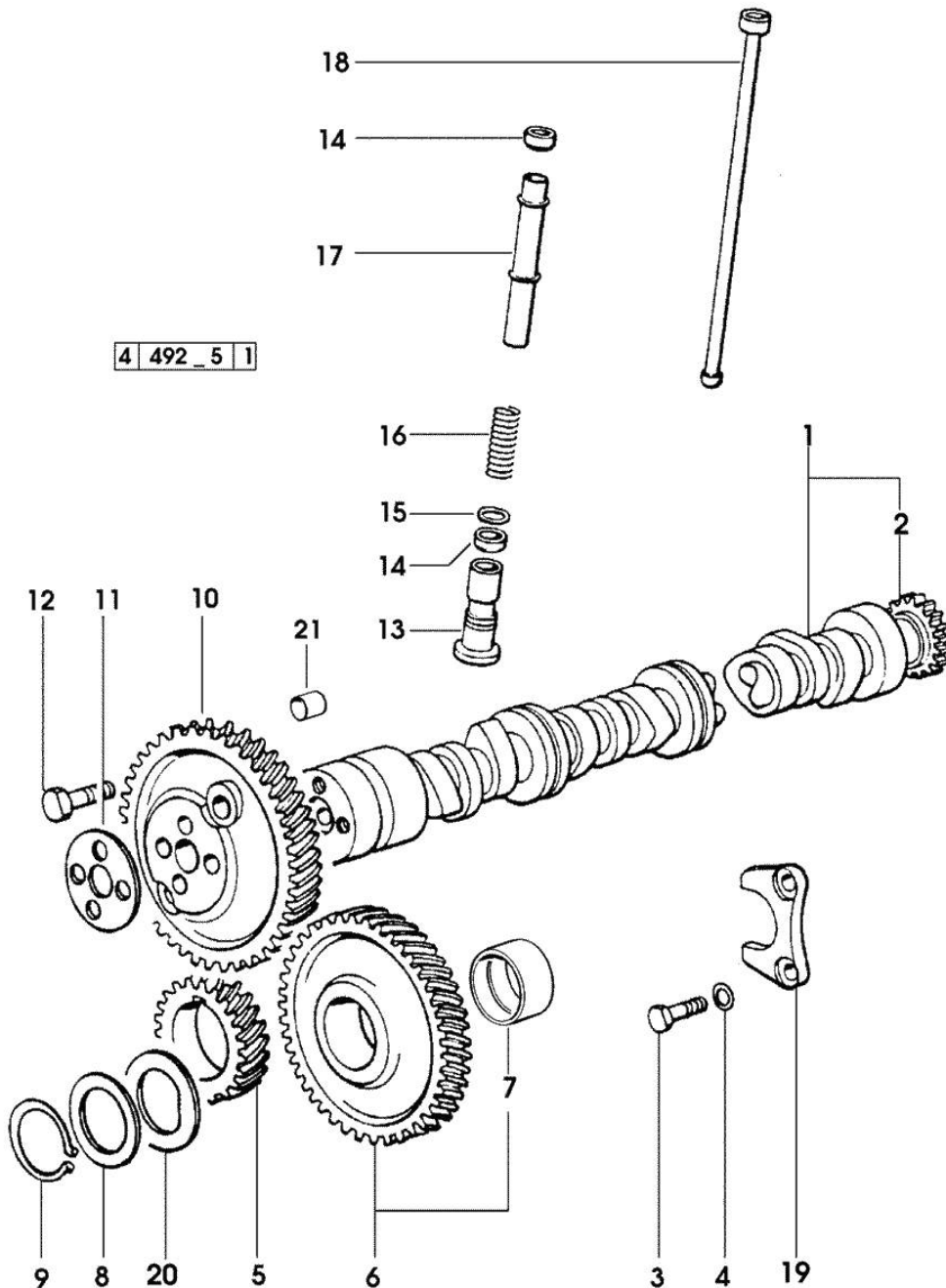


Fig.	P/n	QTY	Name
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Notes:

[EXPLORER 70 C Ergomatic]

1	0.007.1712.3/10	1	camshaft - X 90C TURBO 12213 <- X 70C EXPORT U.S.A. 12268 <- X 80C EXPORT U.S.A. 2571 <- X 90C TURBO EXPORT U.S.A.
1	0.066.1310.3/40	1	camshaft - X 70C - 80C
2	0.065.1324.0/10	1	gear Z = 32
3	2.0312.206.2	2	screw m 8 p 1.25 x 20
4	2.1480.014.1	2	washer 8
5	0.065.1323.0/30	1	gear Z = 29
6	0.007.1177.3/10	1	gear z = 57 - WITH RED IDENTIFICATION STAMP
6	0.007.1178.3/10	1	gear z = 57 - WITH YELLOW IDENTIFICATION STAMP
6	0.007.1179.3/10	1	gear z = 57 - WITH GREEN IDENTIFICATION STAMP
7	2.1559.185.0/10	1	bushing
8	0.065.1352.0	1	shim
9	2.1410.016.1	1	circlip 40
10	0.065.1354.0/20	1	gear z=58
11	0.065.1350.0	1	small disc
12	2.0132.207.2	4	screw m 10 p.1 x 25
13	0.065.1330.0	8	tappets
14	2.1569.114.0/10	16	gasket 14x18.5x8
15	2.1599.437.0	8	shoulder ring
16	2.4019.300.1/10	8	spring 18.5x52x2
17	0.065.1332.0	8	sleeve
18	0.065.1331.2	8	rod
19	0.065.1353.0	1	small plate
20	0.065.1351.0	2	shoulder ring
21	2.1559.398.0	1	bushing 10.5x13x12

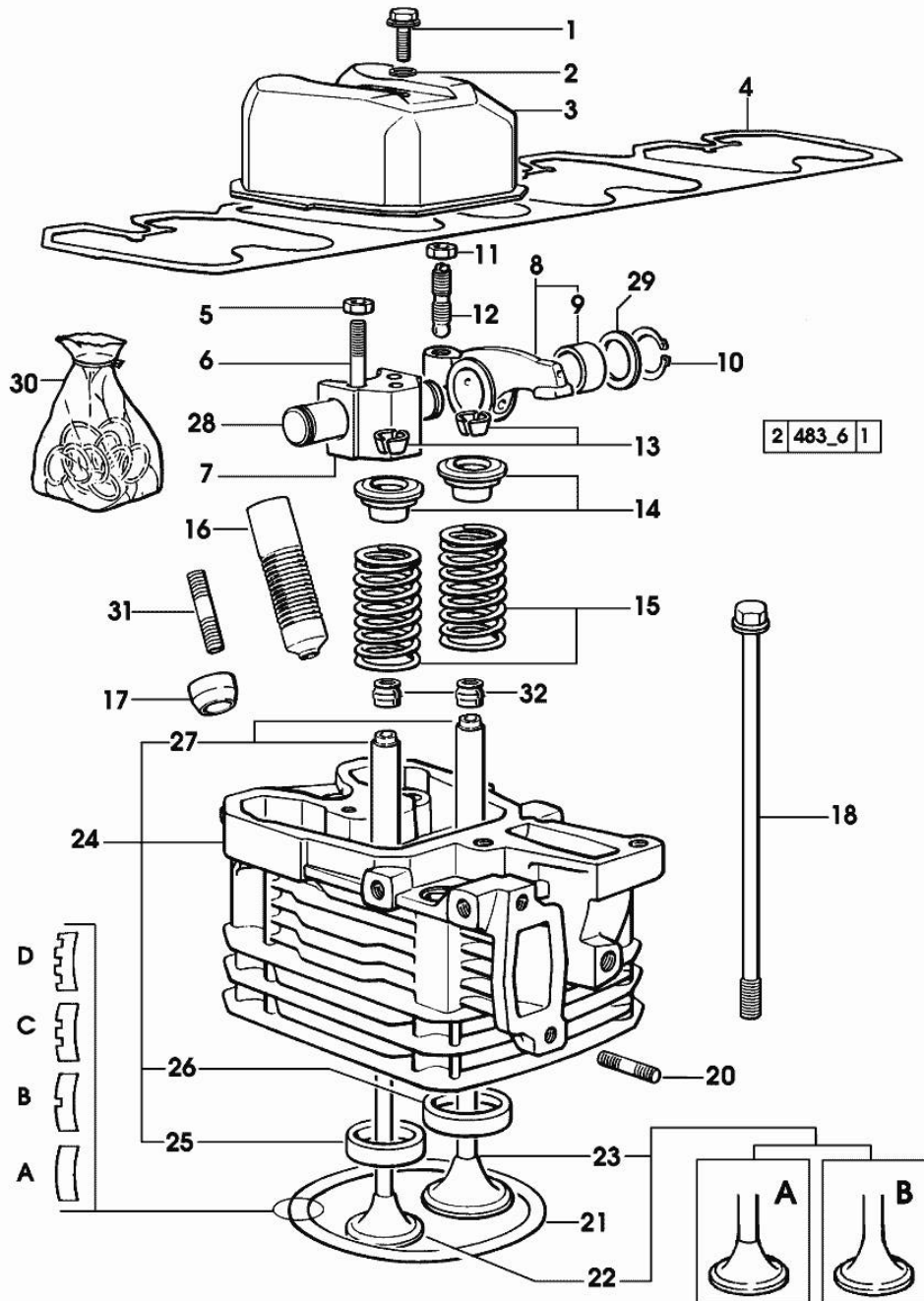
CYLINDER HEAD

Fig.	P/n	QTY	Name
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Notes:

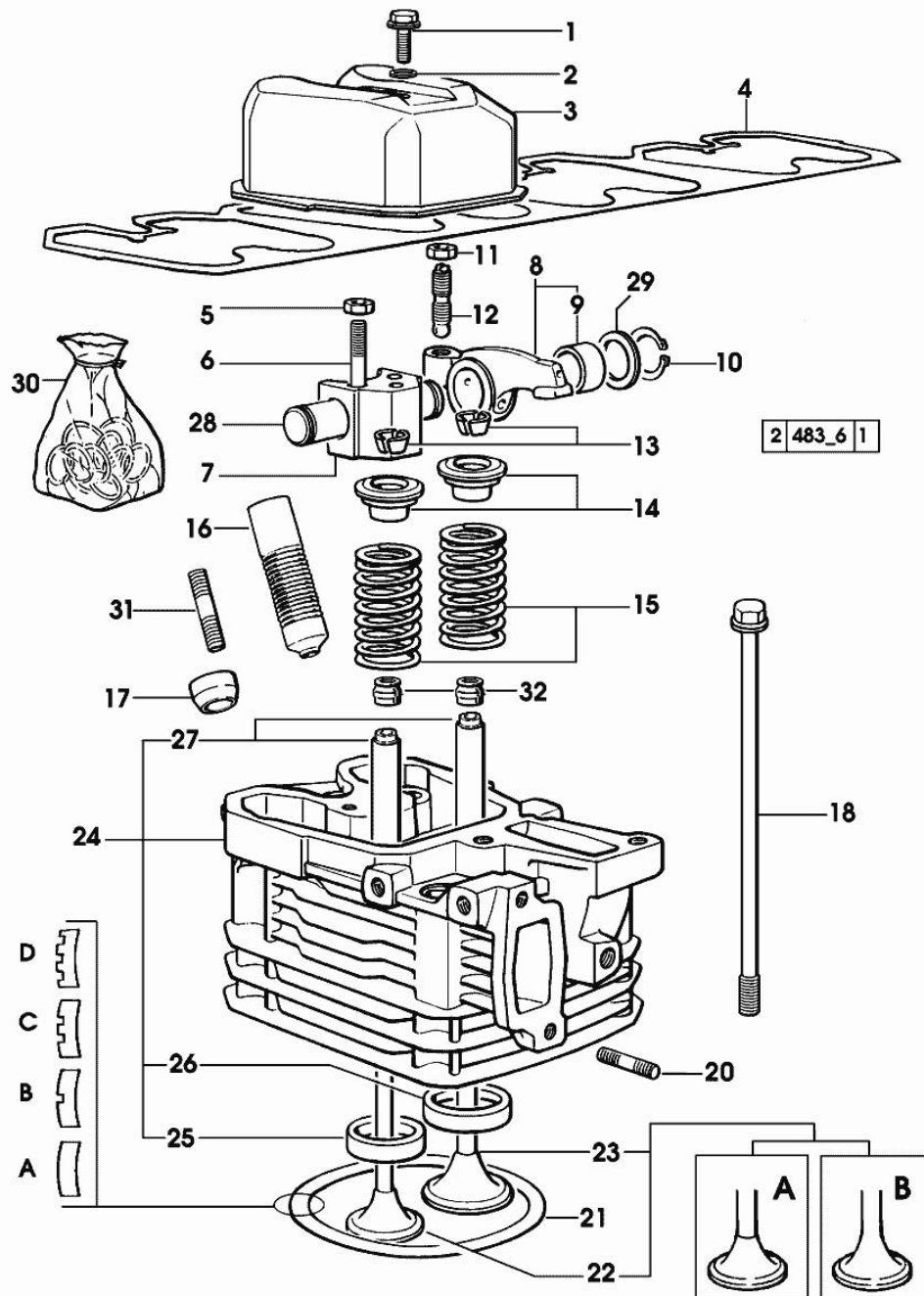
[EXPLORER 70 C Ergomatic]

1	2.0112.211.2	4	screw m 8 p.1.25 x 30 (...) <-
1	2.0399.130.2/10	4	screw m 8x36x44 -> (...)
2	2.1569.170.0/10	4	gasket 8.2 x 14
3	0.007.1139.0/10	4	small cap * (...) <- - N.1 - 2.0399.130.2/10
4	0.065.1450.0/30	1	tappet gasket
5	2.1011.421.2	8	nut m 10 p.1.25
6	2.0432.163.7	8	stud bolt m 10 p.1.5 / p.1.25 x 45
7	0.066.1430.0/10	8	support
8	0.066.1432.3	8	rocker arm
9	2.1559.021.0/40	8	bushing 15x19x22
10	2.1410.055.1	8	circlip 19
11	2.1011.405.2	8	nut m 8 p.1
12	0.021.1434.0	8	screw
13	0.074.1423.0	16	conical valve cotter
14	0.066.1425.0	8	cup
15	2.4019.287.0	8	spring
16	0.065.1413.0/10	4	bush L = mm 97.1 (...) <-
17	0.007.1122.0/10	4	bush L = mm 6.4 -> (...)
18	0.065.1443.0/20	16	screw
20	2.0432.007.2	8	stud bolt m 8 p.1.25 / p.1 x 30
21	0.085.1450.0	3	head gasket mm 0.5 -A-
21	0.085.1451.0	4	head gasket mm 0.7 -B-
21	0.085.1452.0	4	head gasket mm 1.0 -C-
21	0.085.1453.0	4	head gasket mm 0.8 -D-
22	0.010.6022.0	4	exhaust valve mm 39.1 / Ø mm 9 - X 90C TURBO -> (...) = B
22	0.066.1421.0	4	exhaust valve - X 70C - 80C - X 90C TURBO (...) <- = A
23	0.010.6016.0	4	inlet valve mm 43.63 / Ø mm 9 - X 70C - 80C
23	0.010.6017.0	4	inlet valve mm 43.63 / Ø mm 9 - X 90C TURBO -> (...) = B
23	0.081.1420.0	4	inlet valve Ø mm 9 - X 90C TURBO (...) <- = A



CYLINDER HEAD

Fig.	P/n	QTY	Name
24	0.007.1110.3/50	4	engine head * (...) <- - N.4 - 007.1122.0/10 - X 90C TURBO (...) <- = A
24	0.007.1359.3/50	4	engine head - X 90C TURBO -> (...) = B
25	0.066.1427.0	4	valve seat
26	0.078.1426.0	4	valve seat
27	0.007.1779.0/10	8	valve guide
28	0.066.1431.0	4	pin
29	2.1599.432.0	8	shoulder ring
30	0.085.0057.6/10	4	gasket set - FOR 1 CYLINDER VALVE GRINDING AND PISTON RINGS REPLACEMENT
31	2.0432.161.7	4	stud bolt m 10 p.1.5 / p.1.25 x 40
32	2.1519.117.0	8	special oil seal



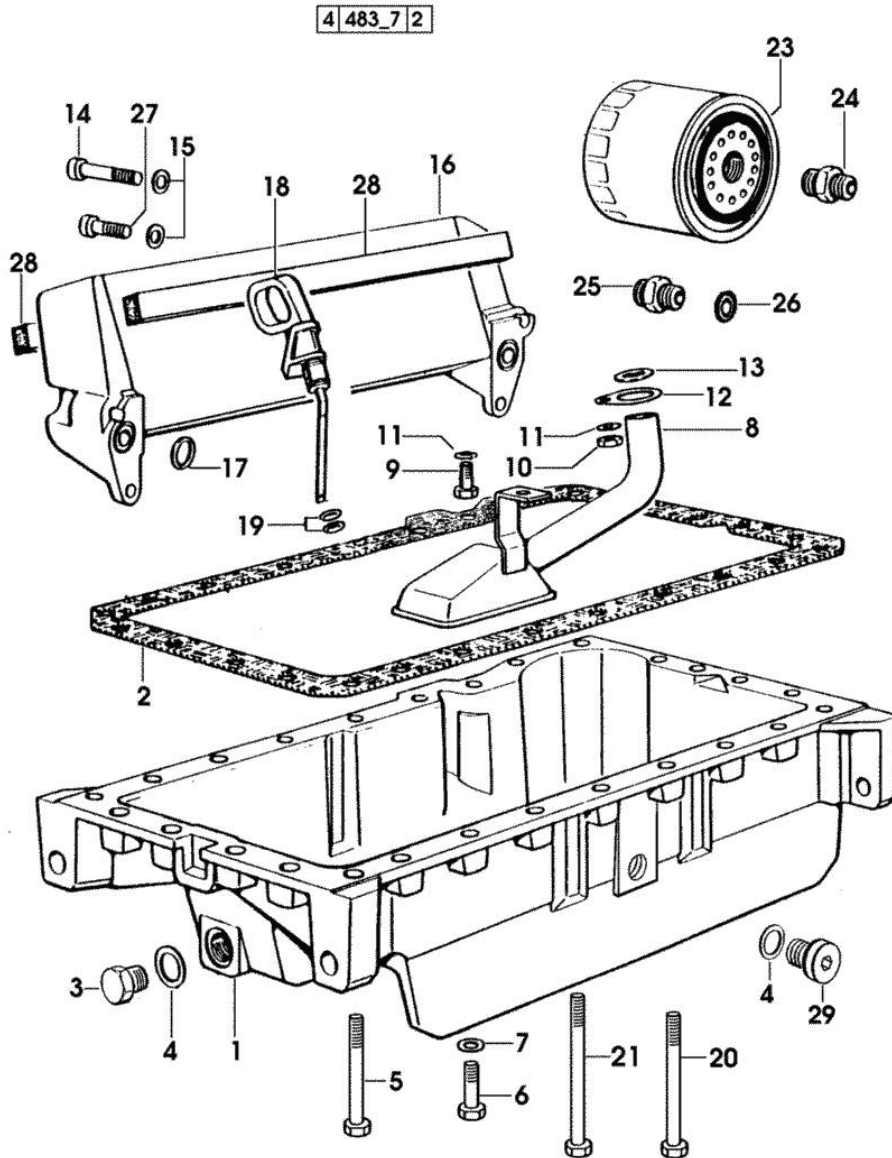
LUBRICATION

Fig.	P/n	QTY	Name
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Notes:

[EXPLORER 70 C Ergomatic]

1	0.007.1298.0	1	oil sump
2	0.065.1550.0/10	1	gasket
3	2.3110.513.2	1	plug 1/2 gas
4	2.1560.054.0	2	gasket 21 x 26
5	2.0112.226.2	4	screw m 8 p.1.25 x 85
6	2.0112.215.2	17	screw m 8 p.1.25 x 40
7	2.1470.004.2	26	lock washer 8
8	0.065.1531.3/20	1	tube
9	2.0112.205.2	1	screw m 8 p.1.25 x 16
9	2.0112.209.2	1	screw m 8 p 1.25 x 25 -> (...)
10	2.1011.105.2	1	nut m 8 p.1.25
11	2.1470.004.2	1	lock washer 8
12	0.065.1538.0	1	flange
13	2.1539.040.0	1	special oil seal 21.82 x 3.53
14	2.0312.216.2	2	screw m 8 p.1.25x50
15	2.1310.004.2	2	flat washer 8.4x17
16	0.007.7320.3	1	oil cooler
16	0.065.1540.3/20	1	oil cooler
			- X 80C - 90C TURBO
			- X 70C
17	2.1539.048.0	2	special oil seal 20.35x1.78
18	0.086.1513.2/30	1	dipstick
19	2.1539.065.0	2	special oil seal 8.73 x 1.78
20	2.0112.235.2	3	screw m 8 p.1.25 x 130
21	2.0112.239.2	2	screw m 8 p.1.25 x 150
23	0.044.1567.0	1	oil filter element
			- X 70C - 80C
23	2.4419.340.0	1	oil filter element
			- X 90C TURBO
24	2.3339.307.0	1	pipe fitting m 22 p.1.5-3/4"
25	2.3339.353.2/20	1	pipe fitting 12 p.1.5-18 p.1.5
			- X 70C - 80C
26	2.1560.014.0	1	washer 18.2 x 24
			- X 70C - 80C
27	2.0399.113.2/10	2	screw
			- X 70C
27	2.0399.125.2/10	2	screw m 8 x 55
			- X 80C - 90C TURBO
28	0.052.1856.0	2	gasket



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