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37

EXPLORER II 70

Section: ENGINE Ref: 01.00.5

CRANKCASE

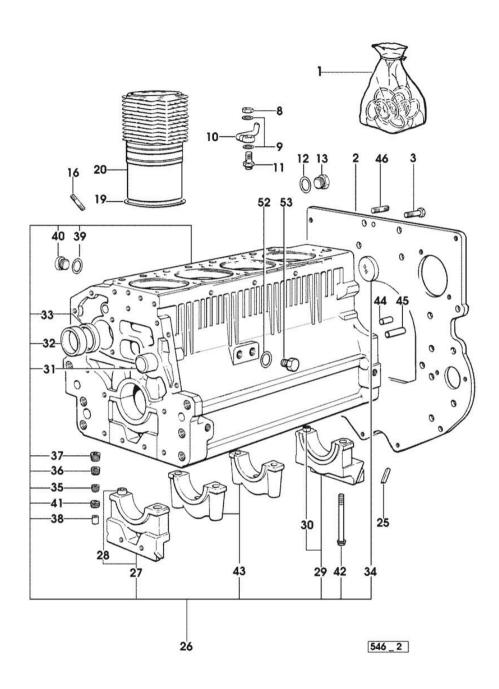
Fig.	P/n	QTY	Name	
Notes:				
[EXPLORE	R II 70]			
1	0.087.0050.6/10		gasket set - FOR ENGINE MOUNTING	
2	0.066.1130.0/20	1	flange	
3	2.0112.511.2	8	screw m 14 p.2 x 30	
8	2.1099.108.2	4	special nut m 10 p.1	
9	2.1560.006.0	8	gasket 10.2 x 16	
10	0.086.1550.2	4	sprayer nozzle	
11	0.065.1160.3/20	4	valve	
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 70HP - 80HP	
			$6768 \le X 90HP$	
19	2.1539.130.0/10	4	special oil seal 117.07x3.53 => 26013 X 70HP - 80HP => 6769 X 90HP	
20	0.007.0762.0/50	4	engine cylinder => 26013 X 70HP - 80HP	
20	0.085.1120.0/10	4	=> 6769 X 90HP engine cylinder 26012 <= X 70HP - 80HP 6768 <= X 90HP	
25	0.066.1152.0/10	4	gasket	
26	0.007.1140.6/10	1	crankcase => 26013 X 70HP - 80HP => 6769 X 90HP	
26	0.086.1110.6	1	crankcase 26012 <= X 70HP - 80HP 6768 <= X 90HP	
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	
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	11	plug 1/8" gas	
36	2.3130.002.1	2		1/2
37	2.3130.003.1	7	plug 3/8" gas	114

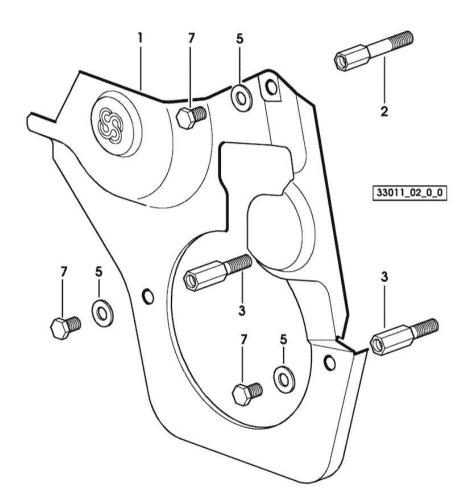
Section: ENGINE

Ref: 01.00.5



Fig.	P/n	QTY	Name
	,		
38	2.3199.092.0	4	plug 8 x 12
39	2.1560.017.0	1	gasket 22.2 x 27
			() <=
40	2.3120.002.4	1	plug m 22 x 1.5
			() <=
41	2.1324.011.0	1	plug
42	0.065.1117.0	10	screw m 12 x 100
43	0.065.1114.0/10	3	support
44	2.1651.912.0	2	cylindrical plug 12x28
45	2.1651.917.0	1	cylindrical plug 12x40
46	2.0432.255.7	2	stud bolt m 12 p.1.75-1.25x25
52	2.1560.017.0	1	gasket 22.2 x 27
53	2.3120.002.4	1	plug m 22 x 1.5
		-	h9



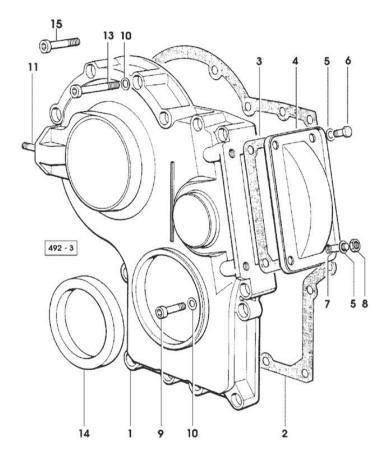


Ref: 01.00.6

Section: ENGINE

TIMING CASE

Fig.	P/n	QTY	Name
Notes: [EXPLORER II	70]		
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

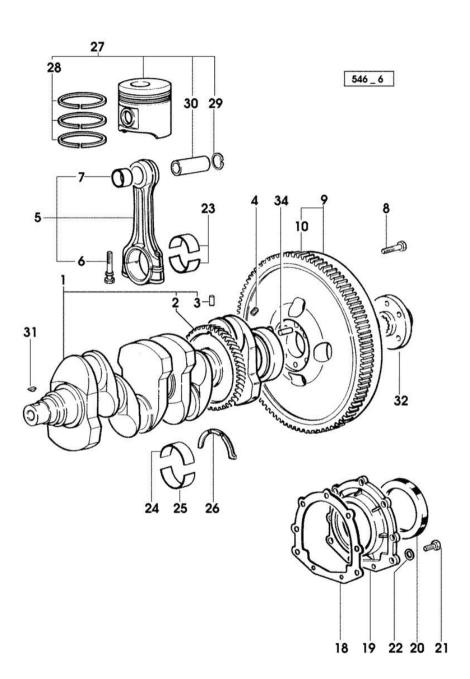


Section: ENGINE

Ref: 01.00.11

TIMING CASE

P/n	QTY	Name
ER II 70]		
0.065.1132.0/60	1	guard
0.065.1150.0/30	1	gasket
0.065.1152.0	1	gasket
0.065.1151.0	1	cover
2.1470.004.2	4	lock washer 8
2.0112.205.2	2	screw m 8 p.1.25 x 16
2.0432.003.7	2	stud bolt m 8 p.1.25 / p.1 x 20
2.1011.405.2	2	nut m 8 p.1
2.0312.208.2	8	screw m 8 p.1.25 x 25
2.1480.014.1	15	washer 8
2.0432.003.7	2	stud bolt m 8 p.1.25 / p.1 x 20
2.0312.214.2	3	screw m 8 p.1.25 x 40
2.1529.141.0	1	special oil seal
2.0312.219.2	4	screw m 8 p.1.25x65
	0.065.1132.0/60 0.065.1150.0/30 0.065.1152.0 0.065.1151.0 2.1470.004.2 2.0112.205.2 2.0432.003.7 2.1011.405.2 2.0312.208.2 2.1480.014.1 2.0432.003.7 2.0312.214.2 2.1529.141.0	ER II 70] 0.065.1132.0/60



Section: ENGINE Ref: 01.00.17

CRANKSHAFT

Fig.	P/n	QTY	Name	
Notes:				
[EXPLORI	ER II 70]			
1	0.086.1210.3/30	1	crankshaft	
L	0.000.1210.5/50	1	* 31067 <=	
			- N.1 - 007.1711.0/10 - N.4 - 2.3130.001.1	
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		6		
o 9	2.0139.022.2 0.065.1247.3/30	1	screw m 12 p.1.25x55	
9	0.003.1247.3/30	1	flywheel	
0	0.076.1047.2/20	1	22091 <=	
9	0.076.1247.3/20	1	flywheel	
1.0	0.065.1242.0	1	=> 22092	
10	0.065.1242.0	1	crown wheel $Z = 123$	
18	0.065.1254.0/20	1	gasket	
19	0.007.1711.0/10	1	cover	
1.0	0.065.1052.0/00	1	=> 31068	
19	0.065.1253.0/20	1	cover	
30	2 1 5 2 0 0 5 2 0	1	31067 <=	
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 - $A = 28.75 \rightarrow 29.00$	
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	0.086.0060.6/30	4	complete piston	
27	0.379.0060.6	4	complete piston	
			- EXPORT U.S.A.	
28	0.086.0052.6/10	4	piston ring set	
29	2.1411.014.1	8	circlip 35	1
30	0.078.1236.0	4	piston pin Ø 18 / Ø 35 / L = mm 86	1

27 546_6 30 29 10 31 32 18 19 22 20 21

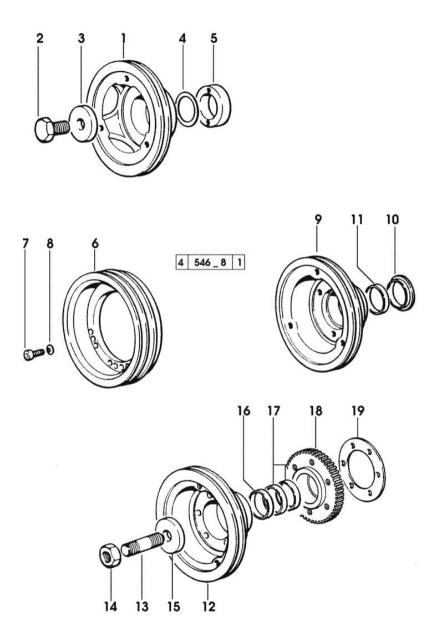
EXPLORER II 70

Section: ENGINE

Ref: 01.00.17

CRANKSHAFT

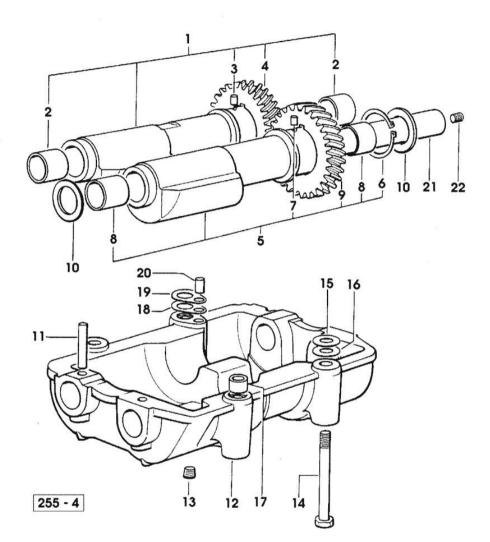
Fig.	P/n	QTY	Name	
31	2.1720.006.0	3	key 4x6.5	
32 34	0.255.2525.0/10 2.1652.915.0	1 1	flange cylindrical plug 12x35	



Section: ENGINE Ref: 01.00.23

ENGINE SHAFT - PULLEYS

Fig.	P/n	QTY	Name
Notes:			
[EXPLORI	ER II 70]		
1	0.007.1330.0/30	1	pulley
2	2.0399.144.7/10	1	screw m 20 p.1.5x51
			* () <=
			- N.1 - 2.1599.524.7
3	2.1599.524.7	1	washer 21x60x12
			* () <= - N.1 - 2.0399.144.7
4	2.1589.189.0	3	- N.1 - 2.0399.144.7 shoulder ring mm 1.00
5	0.085.1248.0/10	1	hub
6	0.086.1251.0	1	pulley
			- FOR ACCESSORIES
7	2.0312.308.1	3	screw m 10 p.1.5 x 25
8	2.1480.015.1	3	washer 10
9	0.085.1253.0/10	1	pulley
			() <=
			- FOR P.T.O. FRONT
10	0.085.1254.0	1	ring
11	0.065.1256.0	1	ring 45x52
12	0.086.1244.0	1	pulley => ()
			() - FOR P.T.O. FRONT
13	2.0439.195.7	1	stud bolt m 20 p.1.5x80
14	2.1019.094.7	1	nut m 20 p.1.5
15	2.1599.524.7	1	washer 21x60x12
16	2.1579.865.0	1	spacer 45.2x51.8x10
17	0.065.1256.0	2	ring 45x52
18	0.011.3515.0/10	1	hub Z = 48
19	2.1589.136.0	3	shoulder ring 71x110x0.5
19	2.1589.137.0	1	shoulder ring 71x110x1



Section: ENGINE Ref: 01.00.24

COUNTERWEIGHTS

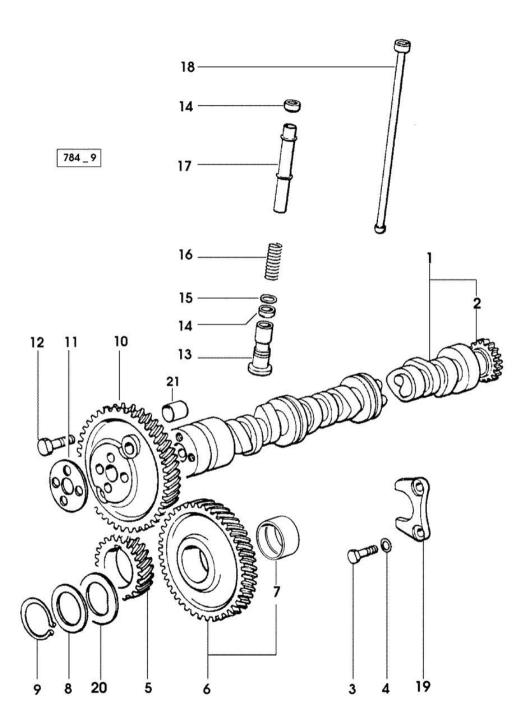
Fig.	P/n	QTY	Name
Notes:	H 701		
[EXPLORER	. 11 /0]		
1	0.086.1233.3/30	1	mass sx/lh/li
2	2.1559.115.0	2	special bushing 26x30x30
3	2.1652.302.0	1	roll pin 4x6
4	0.000.0000.1		cannot be supplied
5	0.065.1233.3/30	1	mass dx/rh/re
6	2.1410.018.7	1	circlip 45
7	2.1652.302.0	1	roll pin 4x6
8	2.1559.115.0	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		spacer 12.5x26x0.1
16	2.1589.049.0		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

Section: ENGINE

Ref: 01.00.30



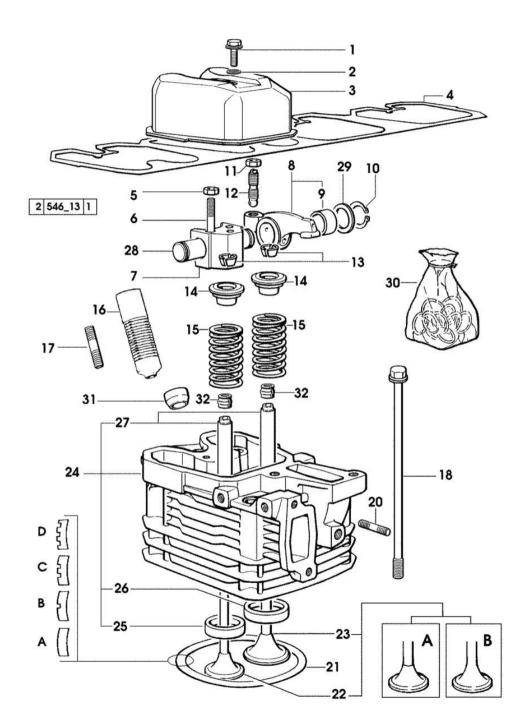
Fig.	P/n	QTY	Name
Notes:	ER II 701		
[LAI LOKI	2K II 70]		
1	0.007.1712.3/10	1	camshaft - EXPORT U.S.A.
1	0.066.1310.3/40	1	camshaft
2	0.065.1324.0/10	1	gear Z = 32
3	2.0312.206.2	2	screw m 8 p 1.25 x 20
4	2.1480.014.1	2	washer 8
5	0.065.1323.0/30	1	gear Z = 29
6	0.007.1177.3/10		gear z = 57 - WITH RED IDENTIFICATION STAMP
6	0.007.1178.3/10		gear z = 57 - WITH YELLOW IDENTIFICATION STAMP
6	0.007.1179.3/10		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



Section: ENGINE Ref: 01.00.36

CYLINDER HEAD

Fig.	P/n	QTY	Name	
Notes:				
[EXPLOR	ER II 70]			
	-			
1	2.0399.130.2	4	screw m 8 x 30	
			39125 <= X 70HP - 80HP	
			$11244 \le X90HP$	
1	2.0399.130.2/10	4	screw m 8x36x44	
			=> 39126 X 70HP - 80HP	
			=> 11245 X 90HP	
2	2.1569.170.0/10	4	gasket 8.2 x 14	
3	0.007.1139.0/10	4	small cap	
			* 39125 <= X 70HP - 80HP	
			* 11244 <= X 90HP	
			- N.1 - 2.0399.130.2/10	
4	0.065.1450.0/30	1	tappet gasket	
5	2.1011.321.2	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	4	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	8 8	conical valve cotter	
14 15	0.066.1425.0 2.4019.287.0		cup	
16	0.065.1413.0/10	8 4	spring	
10	0.005.1415.0/10	4	bush L = mm 97.1 $27322 \le X 70HP - 80HP$	
			$7149 \le X 90HP$	
17	2.0432.161.7	4	stud bolt m 10 p.1.5 / p.1.25 x 40	
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	Ü	head gasket mm 0.5 -A-	
21	0.085.1451.0		head gasket mm 0.7 -B-	
21	0.085.1452.0		head gasket mm 1.0 -C-	
21	0.085.1453.0		head gasket mm 0.8 -D-	
22	0.010.6022.0	4	exhaust valve mm 39.1 / Ø mm 9	
	***************************************		- X 90HP -> () = B	
22	0.066.1421.0	4	exhaust valve	
			- X 70HP - 80HP	
			- X 90HP () < -= A	
23	0.010.6016.0	4	inlet valve mm 43.63 / Ø mm 9	
			- X 70HP - 80HP	1/2
23	0.010.6017.0	4	inlet valve mm 43.63 / Ø mm 9	1/2

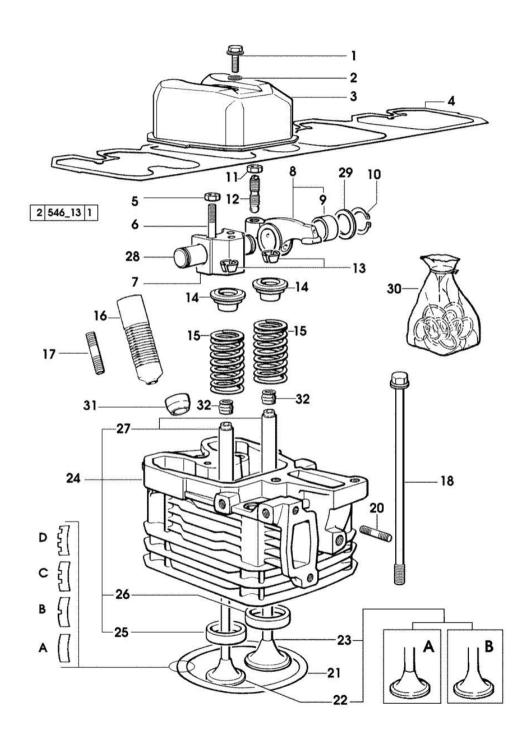


Section: ENGINE

Ref: 01.00.36

CYLINDER HEAD

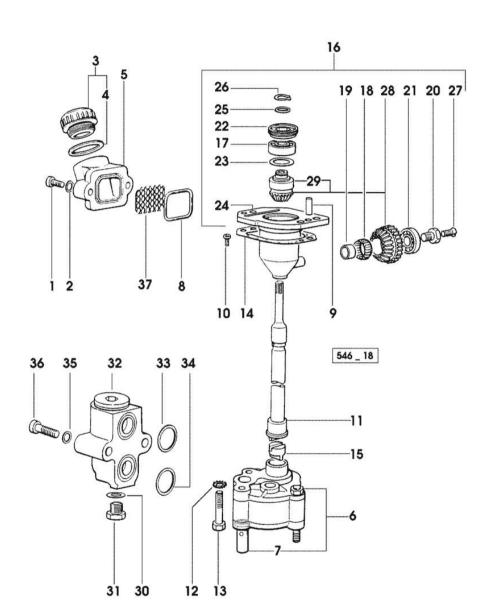
Fig.	P/n	QTY	Name
			- X 90HP -> () = B
23	0.081.1420.0	4	inlet valve Ø mm 9
			- X 90HP () < - = A
24	0.007.1110.3/50	4	engine head
			* 27322 <= X 70HP - X 80HP
			* 7148 <= X 90HP
			- N.1 - 007.1122.0/10
			- X 90HP () < - = A
24	0.007.1359.3/50	4	engine head
			- X 90HP -> () = B
25	0.066.1427.0	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		gasket set
			- FOR 1 CYLINDER VALVE GRINDING AND PISTON
			RINGS REPLACEMEN
31	0.007.1122.0/10	4	bush L = mm 6.4
			=> 27323 X 70HP - 80HP
			=> 7149 X 90HP
32	2.1519.117.0	8	special oil seal



Ref: 01.00.48

Section: ENGINE LUBRICATION

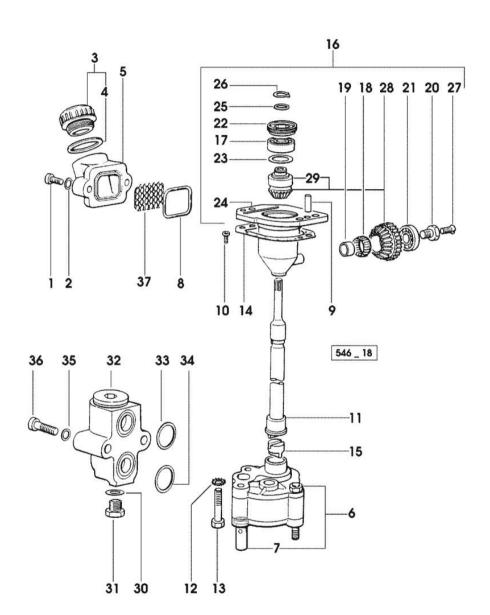
			Section: E				Ref: 01.00.48
27 14 15 16	21		LUBRIC	CATION			
			Fig.	P/n	QTY	Name	
	25 2	6 23 24	<u>8-</u>			1 (3322)	
			Notes:				
			[EXPLORE	R II 70]			
		R		j			
			1	0.007.1277.0/40	1	oil sump	
			2	0.065.1550.0/10	1	gasket	
	6		3	2.3199.001.2	2	plug 1/2" gas	
77-12			3 4				
(1)	1((2)/)		•	2.1560.054.0	2	gasket 21 x 26	
(TO	<u> </u>	4 546_17 1	5	2.0112.226.2	4	screw m 8 p.1.25 x 85	
	10 219	Landan	6	2.0112.215.2	17	screw m 8 p.1.25 x 40	
			7	2.1470.004.2	26	lock washer 8	
17	4		8	0.065.1531.3/20	1	tube	
		>1 3	9	2.0112.205.2	1	screw m 8 p.1.25 x 16	
		>1 2	10	2.1011.105.2	1	nut m 8 p.1.25	
	11	ე——_გ	11	2.1470.004.2	2	lock washer 8	
	11 10 10		12	0.065.1538.0	1	flange	
2)	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	
	A CONTRACTOR OF THE PARTY OF TH		15	2.1310.004.2	2	flat washer 8.4x17	
		The state of the s	16	0.007.7320.3	1	oil cooler	
200		A CONTRACTOR OF THE PARTY OF TH				- X 80HP - 90HP	
	To Sail Land		16	0.065.1540.3/20	1	oil cooler	
3 4	S. S	2				- X 70HP	
	9	200	17	2.1539.048.0	2	special oil seal 20.35x1.78	
		3	18	0.086.1513.2/30	1	dipstick	
5			19	2.1539.065.0	2	special oil seal 8.73 x 1.78	
76			21	0.052.1856.0	2	gasket	
			23	0.044.1567.0	1	oil filter element	
o pare						- X 70HP - 80HP	
	2		23	2.4419.340.0	1	oil filter element	
		000				- X 90HP	
			24	2.3339.307.0	1	pipe fitting m 22 p.1.5-3/4"	
		4	25	2.3339.353.2/20	1	pipe fitting 12 p.1.5-18 p.1.5	
		- 3	20	2.0000,000.2.20	•	- X 70HP - 80HP	
10			26	2.1560.014.0	1	washer 18.2 x 24	
			20	2.1300.011.0	1	- X 70HP - 80HP	
			27	2.0399.113.2/10	2	screw	
1		= 	41	4.0377.113.4/10	4	- X 70HP	
	7		27	2.0399.125.2/10	2	screw m 8 x 55	
y			41	2.0399.123.2/10	4	- X 80HP - 90HP	
	 —29 	28	28	2.0112.235.2	3		
	₩ - ₩ 6	<u></u>	28 29	2.0112.233.2	2	screw m 8 p.1.25 x 130	
			49	2.0112.239.2	۷	screw m 8 p.1.25 x 150	



Section: ENGINE Ref: 01.00.53

LUBRICATION

Fig.	P/n	QTY	Name	
Notes:				
[EXPLORE	ER II 70]			
1	2.0312.206.2	2	screw m 8 p 1.25 x 20	
2	2.1480.014.1	2	washer 8	
3	0.041.1135.4	1	plug 1" gas	
4	2.1569.072.0	1	gasket 32 x 39.5 x 2	
5	0.065.1565.0/10	1	pipe union	
6	0.010.5441.4/10	1	oil pump - X 70HP - 80HP - 90HP	
6	0.010.5481.4	1	oil pump - X 60HP	
7	0.065.1552.3/60	1	valve	
8	2.1539.042.0	1	special oil seal 47.35x1.78	
9	2.1651.711.0	2	pin 8 x 14	
10	2.0169.005.2	2	screw m 6 p.1 x 12	
11	0.065.1569.0/40	1	shaft	
12	2.1470.006.2	2	lock washer 10	
13	2.0112.325.2	2	screw m 10 p.1.5 x 80	
14	0.065.1560.0/20	2	gasket	
15	0.065.1562.0/10	1	joint	
16	0.075.1551.4/20	1	support	
17	2.2020.001.0	1	ball bearing 15 x 32 x 8.00	
18	2.2725.016.0	1	roller cage 15 x 21 x 12	
19	2.2680.020.0	1	ring 12 x 15 x 12	
20	2.0399.128.2	1	screw () <=	
20	2.0399.128.2/10	1	screw m 8 p.1 x 8	
			=> ()	
21	2.2030.002.0	1	ball bearing 12 x 28 x 8	
22	2.1219.025.2	1	ring nut m 36 p.1 () <=	
22	2.1219.025.2/10	1	ring nut m 36 p.1.5 => ()	
23	2.1589.148.0	1	shoulder ring 28.2 x 31.8 x 0.5	
23	2.1589.150.0		shoulder ring 28.2 x 31.8 x 0.1	
23	2.1589.151.0		shoulder ring 28.2 x 31.8 x 0.15	
24	0.075.1551.3/30	1	support * () <= - N.1 - 2.1519.025.2/10 - 2.0399.128.2/10	
25	2.1589.146.0		shoulder ring 15.2 x 19 x 0.15	
25	2.1589.147.0		shoulder ring 15.2 x 19 x 0.10	
25	2.1589.153.0	1	shoulder ring 15.2 x 19 x 1.00	4
26	2.1410.057.1	1	circlip 15	1.

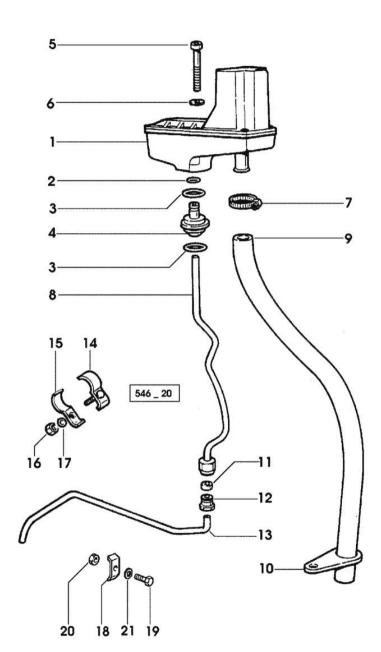


Section: ENGINE

Ref: 01.00.53

LUBRICATION

Fig.	P/n	QTY	Name
27	2 0242 007 2	1	
	2.0342.007.2	1	screw m 4 p.0.7x25
28	0.065.1558.6/10	1	bevel drive
29	0.065.1559.0	1	bush
30	2.1560.010.0	1	gasket 14.2 x 20
31	2.3110.403.1	1	plug m 14 p.1.5x12
32	0.065.1581.4/20	1	valve
33	2.1539.048.0	1	special oil seal 20.35x1.78
34	2.1539.072.0	1	special oil seal 23.52 x 1.78
35	2.1480.014.1	2	washer 8
36	2.0312.215.1	2	screw m 8 p.1.25 x 45
37	0.065.1567.0/10	1	filter



Section: ENGINE

Ref: 01.00.59

LUBRICATION

Fig.	P/n	QTY	Name
Notes:			
[EXPLOR	FR II 701		
LEM BOK	EK II 70]		
1	0.066.1552.4/10	1	sediment bowl \$\tilde{\
2	2.1539.074.0	1	special oil seal 7.66 x 1.78
3	2.1539.072.0	2	special oil seal 23.52 x 1.78
4	0.066.1558.0	1	bush
5	2.0312.221.2	2	screw m 8 p.1.25x75
6	2.1480.014.1	2	washer 8
7	2.6859.073.2	1	clamp
8	0.066.1557.2	1	tube
9	0.066.1559.0	1	tube
10	0.075.1151.0	1	bracket
11	2.3350.003.1	1	nosepiece 8
12	2.3339.418.1	1	pipe fitting m 12 p.1
13	0.007.1427.0	1	tube
1.2	0.066.1556.0		=> 13383 X 60HP
13	0.066.1556.0	1	tube - X 70HP - 80HP - 90HP
13	0.069.1550.0	1	tube
	0,000,1100,00	-	13382 <= X 60HP
14	0.075.1552.2	2	bracket
			- X 70HP - 80HP - 90HP
			$13382 \le X 60HP$
15	0.075.1552.0	2	bracket
			- X 70HP - 80HP - 90HP
			$13382 \le X 60HP$
16	2.1011.103.2	2	nut m 6 p.1
17	2.1470.002.2	2	lock washer 6
18	0.002.8816.0	1	small plate
			=> 13383 X 60HP
19	2.0112.007.2	1	screw m 6 p.1 x 20
20	2.1011.103.2	1	nut m 6 p.1
21	2.1470.002.2	1	lock washer 6

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