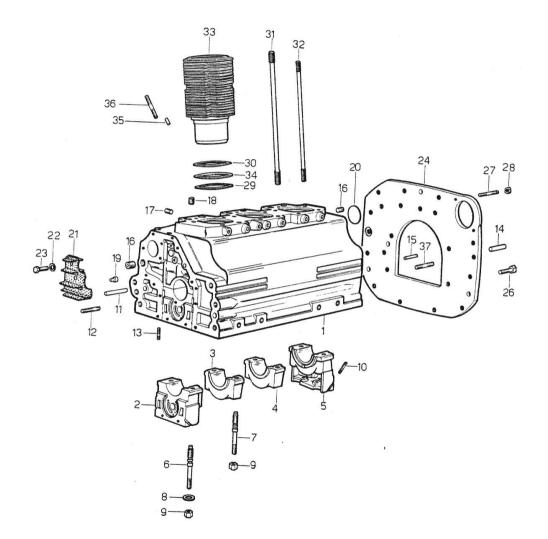


Section: ENGINE

CRA	NKC.	ASI
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Fig.	P/n	QTY	Name
Notes:	URO 60 C]		
0	0.038.0050.6	1	old part number
			FOR INSTALLATION OF ENGINE - 11710 <-
1	0.035.1110.4/20	1	old part number
			11710 <- ORDER AT SAME TIME - 1x FLANGE
			027.1154.0/30 - 1x PLATE 029.1155.2/10 -
			1x GASKET 029.1153.0/10 - 1x FLANGE 029.130.0/10#
2	0.029.1112.0	1	support
3	0.029.1113.0	1	support
4	0.029.1113.0	1	support
5	0.029.1113.0	1	support
6	0.021.1157.0	4	stud bolt
7	0.029.1117.0	4	stud bolt
8	2.1599.144.0	8	shoulder
9	2.1019.026.1	8	special nut m 12 p.1.5
10	0.029.1154.0	4	gasket
11	2.1699.116.0	1	pin
12	2.0432.018.1	6	stud bolt m 8 p.1.25 / p.1 x 65
13	2.0432.003.1	24	stud bolt m 8 p.1.25 / p.1 x 20
14	2.1652.911.0	2	cylindrical plug 12x25
15	2.1653.708.0	2	pin 8x18
16	2.3130.002.1	2	plug 1/4" gas
17	2.3139.001.0	3	plug m 12 p.1.75
18	2.3130.001.1	3	plug 1/8" gas
19	2.1699.021.0	1	pin 7.8x8x20
20	2.3170.022.1	1	expansion plug 60
21	0.029.1155.2	1	filter
			11710 <-
21	0.029.1155.2/10	1	plate
			-> 11711
22	2.1470.002.2	2	lock washer 6
23	2.0112.003.2	2	screw m 6 p.1 x 12
24	0.029.1130.0/10	1	flange
25	2.1470.008.2	11	lock washer 14
26	2.0112.511.1	11	screw m 14 p.2 x 30
27	2.0439.033.1	2	stud bolt m 10x28
28	2.1011.106.2	2	nut m 10 p.1.5
29	2.1589.036.0	3	shim
30	2.1589.037.0	5	shim
31	0.029.1123.0	12	stud bolt m 12 p.1.5x265
	0.004.::	_	14021 <- 1/2
32	0.034.1122.0	3	stud bolt



Section: ENGINE CRANKCASE

Fig.	P/n	QTY	Name
			11898 <-
32	0.037.1122.0	3	stud bolt
			9920 <- E -> 11899
33	0.039.1120.0	3	old part number
			11710 <- ORDER ALSO: 2x PUSHROD TUBE
			034.1339.6#
34	2.1539.055.0	3	oil seal
35	2.1653.708.0	1	pin 8x18
36	2.0432.267.1	2	stud bolt m 12 p.1.75-1.25x60
37	2.0432.153.1	2	stud bolt m 10 p.1.5 / p.1.25 x 20

14600 -11 - 3 1

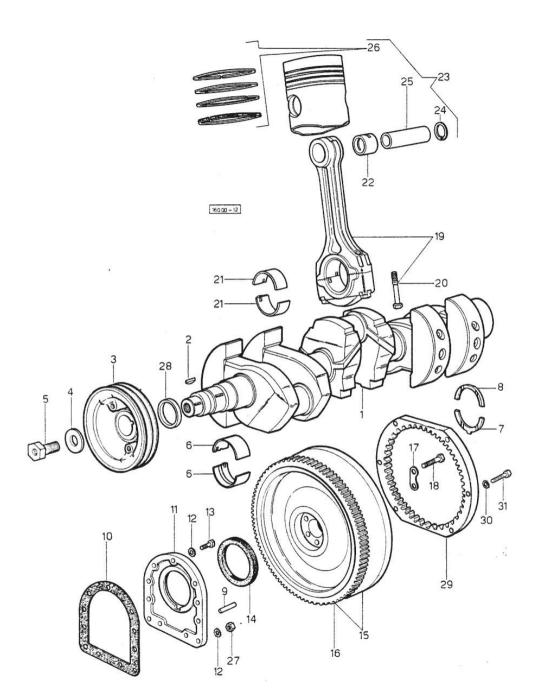
MINITAURO 60 C

Section: ENGINE

Ref: 01.00.1

TIMING CASE

Fig.	P/n	QTY	Name
Notes:			
	JRO 60 C]		
[14111411710	5KO 00 CJ		
1	0.027.1155.0/30	1	governor housing
2	0.027.1156.0	1	gasket
3	0.027.1154.0/30	1	flange
4	2.1480.014.1	8	washer 8
5	2.0112.207.2	8	screw m 8 p 1.25 x 20
6	2.1519.010.0	1	special oil seal 58x80x10
7	0.029.1153.0	1	gasket
7	0.029.1153.0/10	1	gasket
8	2.1653.711.0	1	pin
9	2.0122.213.2	4	screw m 8 p.1x35
10	2.0122.222.2	1	screw
11	0.027.1152.0/20	1	small plate
12	2.1530.028.0	1	oil seal 11.91 x 2.62
13	2.0439.060.2	3	stud bolt m 8 p.1.25-1x22
14	2.1480.014.1	15	washer 8
15	2.1011.405.2	15	nut m 8 p.1
16	2.1480.014.1	2	washer 8
17	2.1011.405.2	3	nut m 8 p.1
18	2.0122.224.1	1	screw
19	2.0152.224.1	1	screw
20	0.029.1163.0	1	small cover
21	0.029.1164.0	1	gasket
22	2.0122.229.1	2	screw m 8 x 100
23	2.0122.211.2	2	screw m 8 p.1x30
24	2.1480.016.1	4	washer 12
25	2.0439.055.1	4	stud bolt m 6 p.1 x 18
26	2.1480.012.1	4	washer 6, d128
27	2.1011.103.2	4	nut m 6 p.1
28	0.026.1150.0	1	gasket
29	2.7049.210.0/20	1	transmission
30	0.038.1150.0	1	index
31	2.1310.003.2	1	flat washer 7.4x14
32	2.1470.003.2	1	lock washer 7
33	2.0112.103.1	1	screw m 7 p.1.x12
34	0.022.1135.3	1	plug
35	2.1539.048.0	1	special oil seal 20.35x1.78
36	2.1569.048.0	1	gasket
			-



Section: ENGINE

CRANKSHAFT

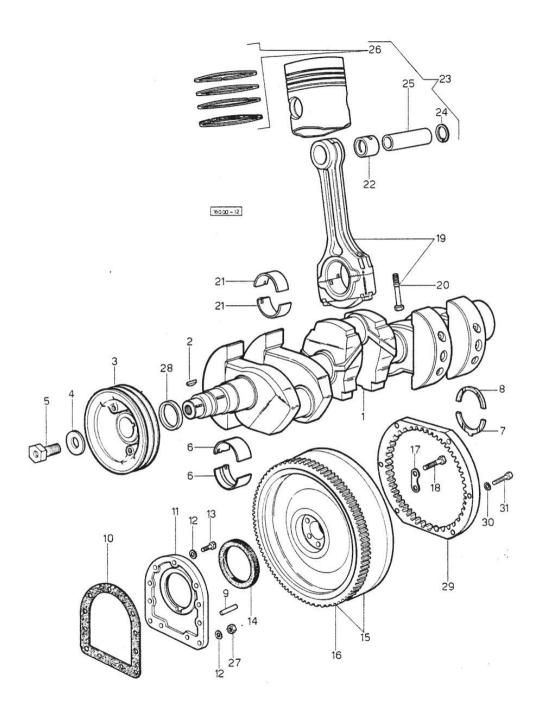
Fig.	P/n	QTY	Name	
Notes:				
	URO 60 C]			
	ī			
1	0.029.1210.4/30	1	crankshaft	
			=> 15572	
1	0.029.1210.6	1	crankshaft	
			15571 <=	
2	2.1799.002.0	1	stick 10x13	
3	0.038.1244.0	1	pulley	
4	0.001.6020.0	1	shoulder	
5	2.0129.032.2	1	screw m 24 p.2x45	
6	0.029.0066.0	8	main half bushing - mm 1.00	
6	0.029.1215.0/10	8	main half bushing	
6	0.029.1215.7	8	main half bushing - mm 0.25	
6	0.029.1215.8	8	main half bushing - mm 0.50	
6	0.029.1215.9	8	main half bushing - mm 0.75	
7	0.001.4547.0	2	shoulder ring + mm 0.05	
7	0.001.4548.0	2	shoulder ring + mm 0.10	
7	0.001.4549.0	2	shoulder ring + mm 0.15	
7	0.042.1219.0	2 2	shoulder ring STANDARD	
8	0.001.4544.0	2	shoulder ring + mm 0.05	
8	0.001.4545.0 0.001.4546.0	2	shoulder ring + mm 0.10 shoulder ring + mm 0.15	
8	0.042.1218.0	2	shoulder ring STANDARD	
9	2.1652.915.0	2	cylindrical plug 12x35	
10	0.029.1250.0	1	gasket	
11	0.029.1240.0	1	flange	
12	2.1480.015.1	9	washer 10	
13	2.0112.309.2	9	screw m 10 p.1.5 x 25	
14	2.1519.009.0	1	special oil seal	
15	0.038.1254.3	1	old part number	
16	0.029.1242.0	1	crown wheel $Z = 120$, mm 20	
16	0.038.1242.0	1	crown wheel $Z = 120$, mm 15	
17	2.1379.006.0	3	lock-tab 15x15x36,5	
18	2.0122.520.1	6	old part number m 14 p.1.5 x 50	
19	0.029.1220.3	3	engine connecting rod 15571 <=	
19	0.039.1220.3/20	3	engine connecting rod => 15572	
20	0.002.3910.0	6	screw 15571 <=	
20	0.039.1250.0	6	screw m 14 p.1.5x63 => 15572	1/2
21	0.021.0068.0	6	con.rod half bushing	1/2

Section: ENGINE

Ref: 01.00.2

CRANKSHAFT

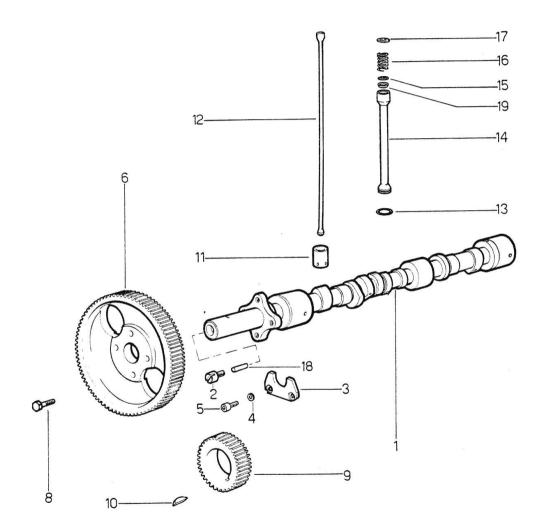
Fig.	P/n	QTY	Name
21	0.021.1225.0	6	con.rod half bushing STANDARD
			15571 <=
21	0.021.1225.7	6	con.rod half bushing - mm 0.25
21	0.021.1225.8	6	con.rod half bushing - mm 0.50
21	0.021.1225.9	6	con.rod half bushing - mm 0.75
21	0.039.0068.0	6	con.rod half bushing - mm 1.016
21	0.039.1225.0	6	con.rod half bushing
			=> 15572
21	0.039.1225.7	6	con.rod half bushing -mm 0.254
21	0.039.1225.8	6	con.rod half bushing -mm 0.508
21	0.039.1225.9	6	con.rod half bushing -mm 0.762
22	0.002.4168.0	3	bearing
23	0.038.0060.6	3	complete piston
23	0.038.0061.6	3	complete piston + mm 0.5
23	0.038.0062.6	3	complete piston + mm 1.0
24	2.1411.014.1	6	circlip 35
25	0.038.1236.0	3	piston pin
26	0.038.0054.6	3	piston ring set + mm 1.0
26	0.054.0052.6	3	piston ring set
26	0.054.0053.6	3	piston ring set + mm 0.5
27	2.1011.421.2	2	nut m 10 p.1.25
28	0.034.1256.0	1	spacer
			=> 16437
29	0.038.1255.0	1	crown wheel
30	2.1470.006.2	6	lock washer 10
31	2.0122.317.1	6	screw

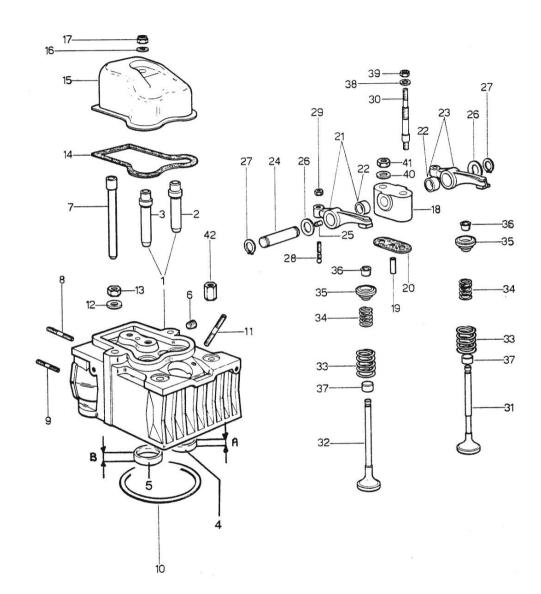


Section: ENGINE



Fig.	P/n	QTY	Name	
Notes:	TD 0 (0 0)			
[MINITAU	JRO 60 CJ			
1	0.035.1310.0/10	1	camshaft	
2	0.027.1350.0/20	1	pin	
3	0.027.1314.0	1	flange	
4	2.1470.004.2	2	lock washer 8	
5	2.0312.206.2	2	screw m 8 p 1.25 x 20	
6	0.035.1321.0	1	gear	
8	2.0139.006.1	4	screw	
9	0.029.1320.0	1	gear Z = 45	
10	2.1720.010.0	1	key 5x9	
11	0.002.3909.0	6	tappets	
12	0.002.4180.0	6	rod	
			=> 9921 - 11898 <=	
12	0.037.1331.0	6	rod	
			9920 <= - => 11899	
13	2.1539.018.0	6	special oil seal	
14	0.034.1332.6	6	sleeve	
			11710 <=	
14	0.039.1332.0/10	6	sleeve	
			=> 11711	
15	2.1539.022.0	6	special oil seal 12.37x2.62	
16	2.4019.090.1	6	spring 25x34x2.5	
			11710 <=	
16	2.4019.149.1	6	spring 14x29x2	
			=> 11711	
17	2.1569.037.0	6	gasket	
18	2.1650.513.0	1	pin 6 x 30	
19	0.039.1350.0	6	ring	
			24697 <=	





Section: ENGINE

Ref: 01.00.4

CYLINDER HEAD

Fig.	P/n	QTY	Name
Notes:	URO 60 C]		
0	0.038.0057.6	1	gasket set - FOR 1 CYLINDER VALVE GRINDING AND PISTON RINGS REPLACEMEN
0	0.038.0058.6	1	gasket set - FOR GRINDING VALVES OF ONE CYLINDER
1	0.003.5047.6	3	engine head => 11899
1	0.036.1410.6/10	3	old part number
1	0.040.1410.3/20	3	old part number => 14022
2	0.029.1417.0	3	valve guide 11898 <=
2	0.037.1417.0/10	3	valve guide => 11899
3	0.037.1416.0	3	valve guide => 11899
3	0.037.1417.0/10	3	valve guide 11898 <=
4	0.037.1452.0	3	valve seat 41164 <=
4	0.037.1452.0/10	3	valve seat => 41165
5	0.037.1451.0	3	valve seat 41164 <=
5	0.037.1451.0/10	3	valve seat => 41165
6	2.3130.001.1	3	plug 1/8" gas 11898 <= - => 14022
6	2.3199.026.1	3	plug => 11899 - 14021 <=
7	0.029.1418.0	6	sleeve
8	2.0432.007.1	3	stud bolt m 8 p.1.25 / p.1 x 30
8	2.0432.022.1	1	stud bolt m 8 p 1.25-1x85
8	2.0432.026.1	2	stud bolt m 8 p.1.25 - 1.00 x 110
9	2.0432.007.1	3	stud bolt m 8 p.1.25 / p.1 x 30
10	2.1569.061.0/10	3	gasket
11	2.0439.087.1	6	stud bolt
12	2.1599.144.7	12	shoulder ring 12.5x23x4
13	2.1019.025.7	10	special nut 1/2
14	0.029.1450.0	3	gasket

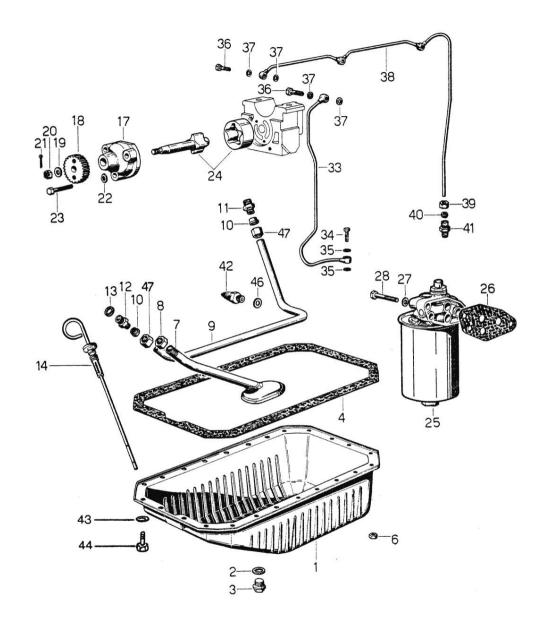
Ref: 01.00.4

Section: ENGINE

CYLINDER HEAD

15	39 — 3 30 — 3 29
7	
12-3	28—35—35 35—20 34—31 34—33
	33-37
B 5 4	32
10	

Fig.	P/n	QTY	Name
1 181	1711	¥11	THAIR
15	0.029.1440.2	3	cap
			14021 <=
15	0.039.1440.0	3	cap
			=> 14022
16	2.1560.004.0	3	copper gasket 8.2 x 14
17	2.1099.056.1	3	special nut m8 p.1
18	0.034.1430.0	3	support
19	0.029.1452.0	3	tube
20	0.034.1450.0	1	tappet gasket
21	0.002.5937.3/30	3	rocker arm
22	2.1559.021.0/40	12	bushing 15x19x22
23	0.002.5936.3/40	3	rocker arm
24	0.029.1431.0	3	pin
25	2.0512.102.1	3	screw m 6 p.1 x 8
26	2.1599.019.0	6	shoulder ring 19.5x31x2
27	2.1410.055.1	6	circlip 19
28	0.021.1434.0	6	screw
29	2.1019.039.1	6	old part number
30	0.029.1453.0/10	3	stud bolt
			14021 <=
30	0.039.1451.0	3	stud bolt
			=> 14022
31	0.029.1421.0/10	3	exhaust valve Ø mm 9
			11898 <=
31	0.037.1421.0	3	exhaust valve Ø mm 9
			=> 11899 - 14021 <=
31	0.039.1421.0	3	exhaust valve Ø mm 9
	0.000.4.400.0.40	_	=> 14022
32	0.029.1420.0/10	3	inlet valve Ø mm 9
22	0.020.1.120.0	2	11898 <=
32	0.039.1420.0	3	inlet valve
22	2 4010 102 0		=> 11899
33	2.4019.193.0	6	spring 36.15x55.2x3.2
34	2.4019.194.0	6	spring 22.70x50.7x2.1
35	0.002.9215.0	6	cup
36	0.002.9193.0	12	conical valve cotter
37	0.021.1453.0/20	6	small cover
38	2.1310.006.2	3	flat washer 10.5x21
39	2.1011.421.2	3	nut m 10 p.1.25
40	2.1599.160.7	3	flat washer
41 42	2.1099.035.7	<i>5</i>	special nut
42	2.1019.037.7	3	special nut

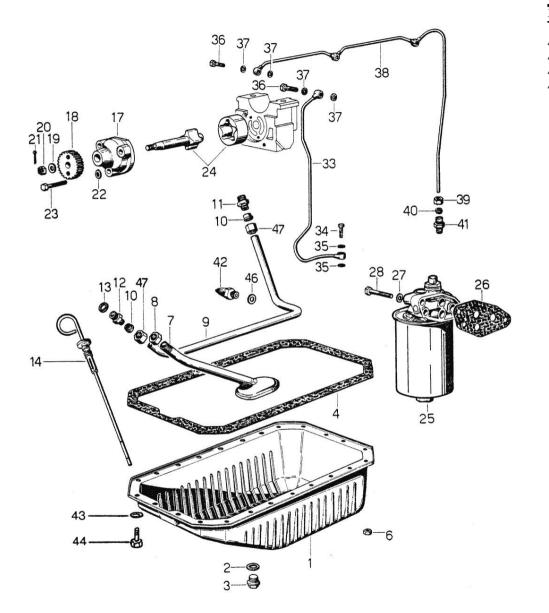


Section: ENGINE

Ref: 01.00.5

LUBRICATION

Fig.	P/n	QTY	Name	
Notes:				
[MINITAU	JRO 60 C]			
1	0.035.1510.2/10	1	oil gumn	
1	0.033.1310.2/10	1	oil sump - IN SHEET STEEL	
1	0.038.1556.0	1	oil sump - IN CAST IRON	
2	2.1560.054.0	1	gasket 21 x 26	
3	2.3199.001.2	1	plug 1/2" gas	
4	0.029.1512.2	1	gasket FOR SHEET STEEL OIL TRAY	
4	0.038.1555.0	1	gasket - WITH CAST IRON OIL SUMP	
6	2.1011.405.2	24	nut m 8 p.1	
7	0.029.1531.3	1	tube	
8	2.1099.026.1	1	special nut	
9	0.029.1534.0	1	tube	
10	2.3359.004.2	2	ring	
11	2.3319.014.1	1	pipe union	
12	2.3319.013.1	1	pipe union	
13	2.1560.013.0	1	gasket 18.2x22	
14	0.038.1513.3	1	dipstick	
17	0.029.1520.0	1	pump casing	
18	0.029.1521.0/10	1	gear	
19	2.1310.006.2	1	flat washer 10.5x21	
20	2.1021.321.1	1	castellated nut	
21	2.1690.210.0	1	split pin A2x25	
22	2.1470.004.2	3	lock washer 8	
23	2.0112.215.2	3	screw m 8 p.1.25 x 40	
24	0.029.1522.3/10	1	shaft	
25	2.4419.130.0/10	1	oil filter	
			3 01.00.6	
26	0.037.1552.0/10	1	gasket	
27	2.1480.015.1	3	washer 10	
28	2.0112.315.2	1	screw m 10 p.1.5 x 40	
28	2.0112.320.2	2	screw m 10 p.1.5 x 55	
36	2.3339.001.0	3	pipe fitting m 10 p.1	
37	2.1560.006.0	6	gasket 10.2 x 16	
38	0.038.1536.3/10	1	tube	
39	2.3360.002.1	1	union nut m 10	
40	2.3350.002.1	1	nosepiece 6, d128	
41	2.3319.002.1	1	pipe fitting	
42	2.7099.020.0/10	1	pressure switch	1/2
43	2.1470.004.2	24	lock washer 8	1/2

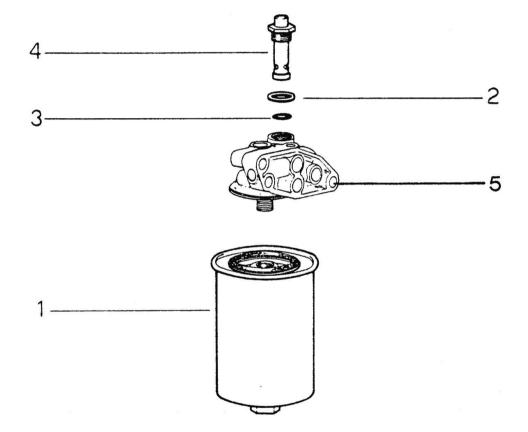


Section: ENGINE

Ref: 01.00.5

LUBRICATION

Fig.	P/n	QTY	Name	
44	2.0112.209.2	22	screw m 8 p 1.25 x 25	
44	2.0112.222.2	2	screw m 8 p.1.25x65	
46 47	2.1560.008.0 2.3369.009.1	1 2	gasket 12.2 x 18 union nut	



Section: ENGINE

Ref: 01.00.6

DETAILS OF OIL FILTER

Fig.	P/n	QTY	Name
Notes: [MINITA	URO 60 C]		
0	2.4419.130.0/10	1	oil filter
1	2.4419.150.1	1	oil filter element
2	2.4419.130.3	1	gasket
3	2.1530.045.0	1	oil seal 17.86x2.62
4	2.4419.130.2	1	valve
5	0.000.0000.1	1	cannot be supplied

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