

Section: ENGINE

CRANKCASE

9\_M8211\_00\_0\_A

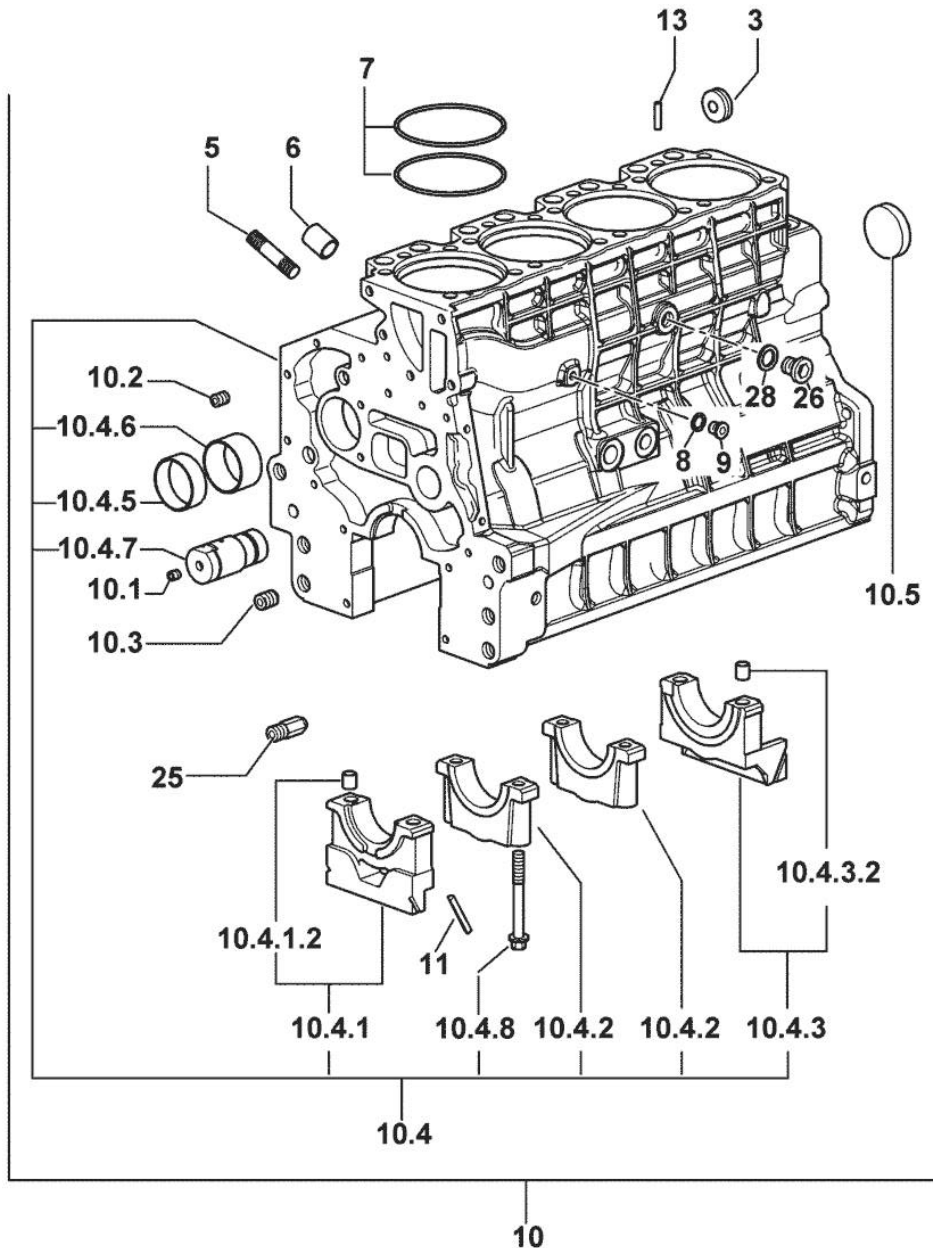


Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:  
[XS-100(24"-28")]

3	2.3199.312.2/10	1	plug
5	2.0439.273.7	8	stud bolt m 8
6	2.1559.188.2	4	bush 11.4 x 14 x16
7	2.1539.193.0	8	special oil seal 107.62x2.62
8	2.1560.010.0	1	gasket 14.2 x 20
9	2.3199.292.0	1	plug 1/4" gas
10	0.013.0489.4/30	1	crankcase
10.1	2.3130.001.1	10	plug 1/8" gas
10.2	2.3130.002.1	2	plug 1/4" gas
10.3	2.3130.003.1	6	plug 3/8" gas
10.4	0.000.0000.1		cannot be supplied
10.4.1	0.065.1112.7	1	support
10.4.1.2	2.1699.165.0	1	bush 12.3x15x16
10.4.2	0.065.1114.0/10	3	support
10.4.3	0.065.1116.3	1	support
10.4.3.2	2.1699.165.0	1	bush 12.3x15x16
10.4.5	0.065.1140.0	4	special bushing 59X55X20
10.4.6	0.065.1141.0	1	special bushing 59X55X30
10.4.7	0.066.1151.0	1	pin
10.4.8	0.065.1117.0	10	screw m 12 x 100
10.5	2.3179.012.0	1	plug 60
11	0.066.1152.0/10	4	gasket
13	2.1549.154.2	4	bush 4.8x5.8x16
25	0.013.4946.0/10	1	sprayer nozzle
26	2.3120.101.0	1	plug m 18 p.1.5
28	2.1560.014.0	1	washer 18.2 x 24

Section: ENGINE

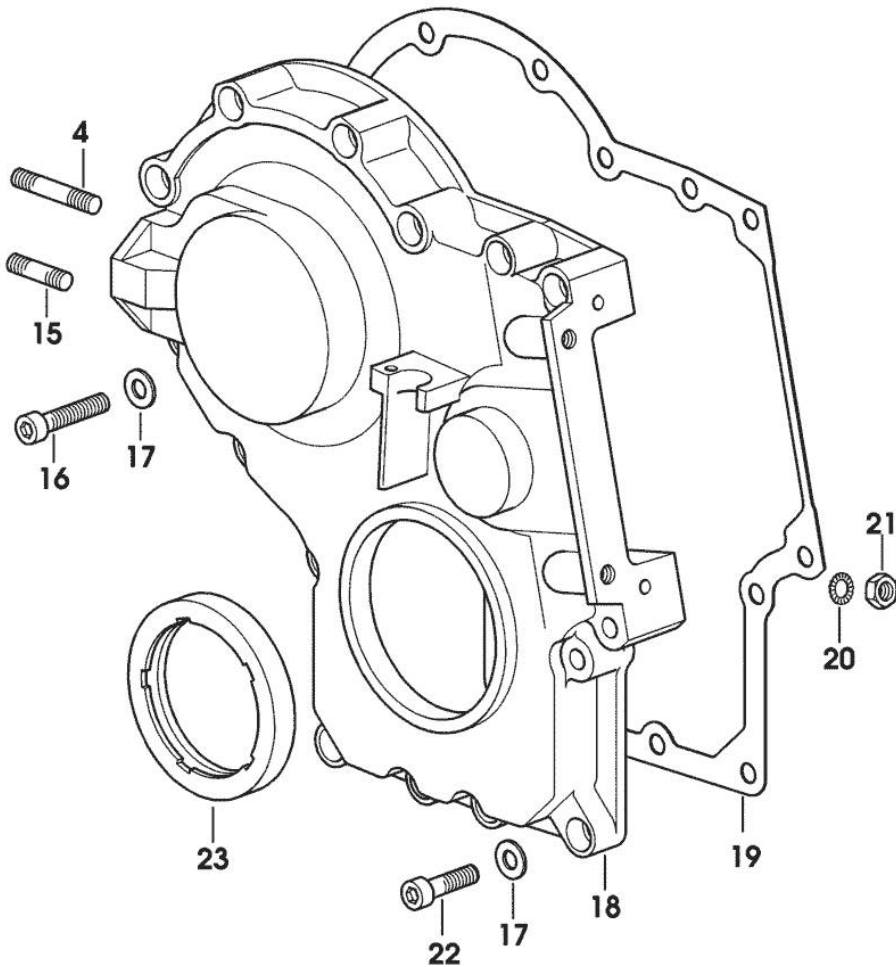
**TIMING CASE**

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

Notes:

[XS-100(24"-28")]

4	2.0432.009.7	1	stud bolt m 8 p.1.25 / p. 1 x 35
15	2.0432.003.7	1	stud bolt m 8 p.1.25 / p.1 x 20
16	2.0312.214.2	7	screw m 8 p.1.25 x 40
17	2.1480.014.1	15	washer 8
18	0.013.4981.0	1	guard
19	0.065.1150.0/30	1	gasket
20	2.1470.004.2	4	lock washer 8
21	2.1011.405.2	2	nut m 8 p.1
22	2.0312.208.2	8	screw m 8 p.1.25 x 25
23	2.1529.167.0	1	oil seal



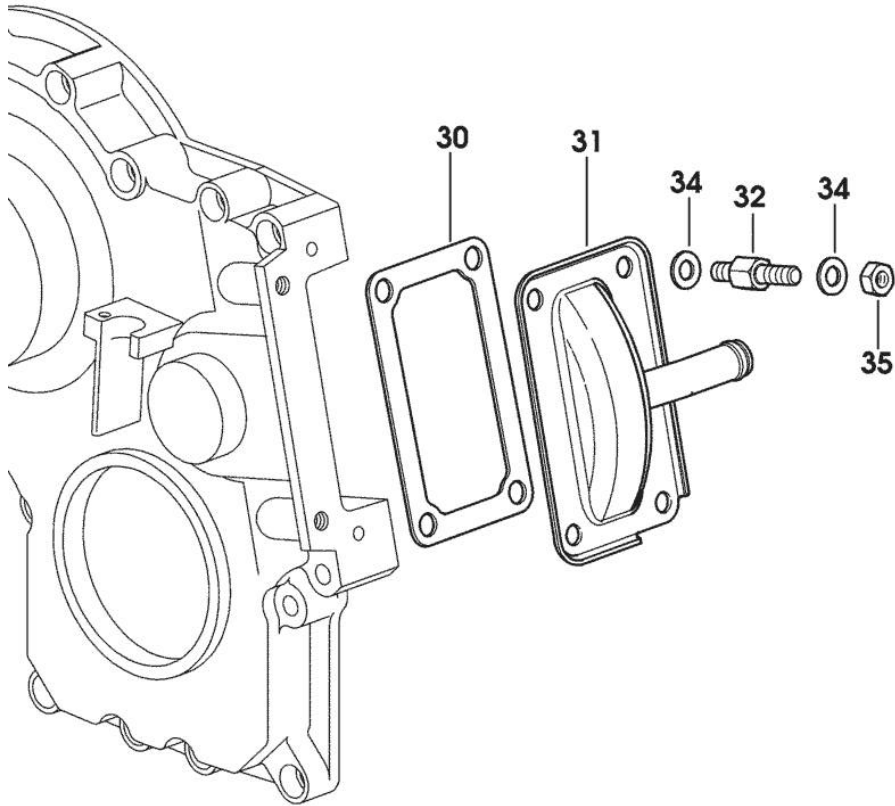
9\_M8211\_00\_0\_B

Section: ENGINE  
**CASING COVER**

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

Notes:  
 [XS-100(24"-28")]

30	0.065.1152.0	1	gasket
31	0.013.6374.2	1	cover
32	0.013.6368.0/10	4	stud bolt m 8 p.1 / = mm 46.5
34	2.1310.004.2	8	flat washer 8.4x17
35	2.1011.405.2	4	nut m 8 p.1



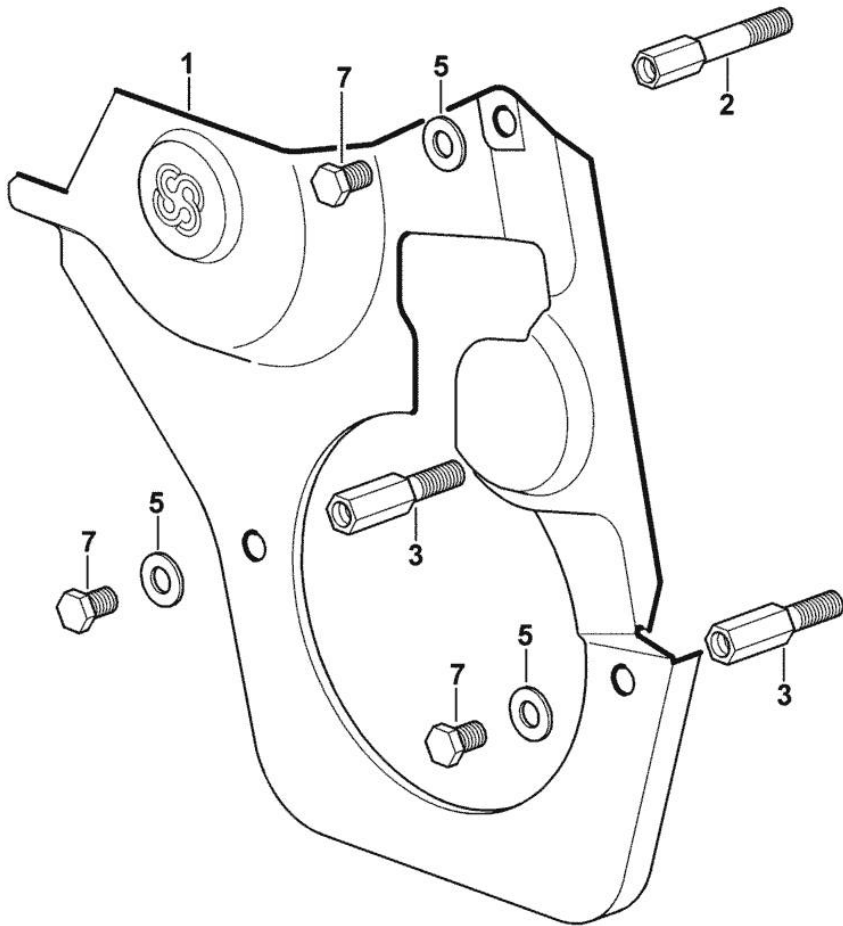
9\_N1411\_01\_0\_0

Section: ENGINE  
**GUARD PLATE**

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

Notes:  
 [XS-100(24"-28")]

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

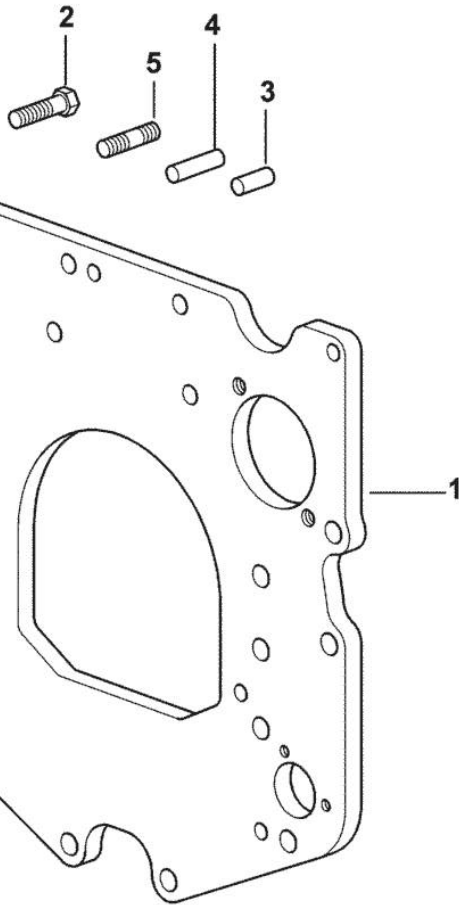


**MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE**

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

Notes:  
[XS-100(24"-28")]

1	0.007.1882.0/50	1	flange
2	2.0112.511.2	8	screw m 14 p.2 x 30
3	2.1651.912.0	2	cylindrical plug 12x28
4	2.1651.917.0	1	cylindrical plug 12x40
5	2.0432.257.7	1	stud bolt m 12 p.1.75 - 1.25 x 30
6	2.0439.250.7	1	stud bolt m 12 / m 10 x 30
7	0.011.9294.0/10	1	bush



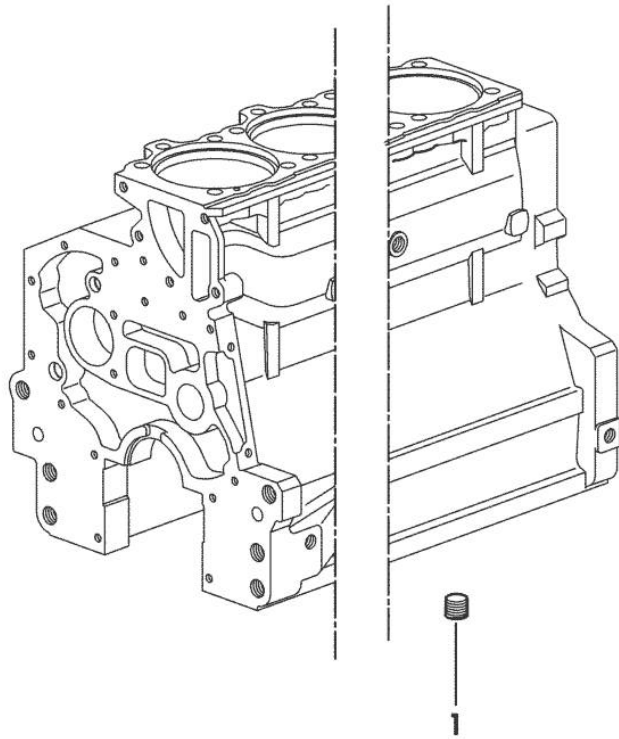
9\_38611\_01\_0\_0

**PLUG**

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

Notes:  
[XS-100(24"-28")]

1	2.3130.003.1	1	plug 3/8" gas
---	--------------	---	---------------



9\_34311\_06\_0\_0

Section: ENGINE

**CRANKSHAFT**

9\_33212\_00\_0\_0

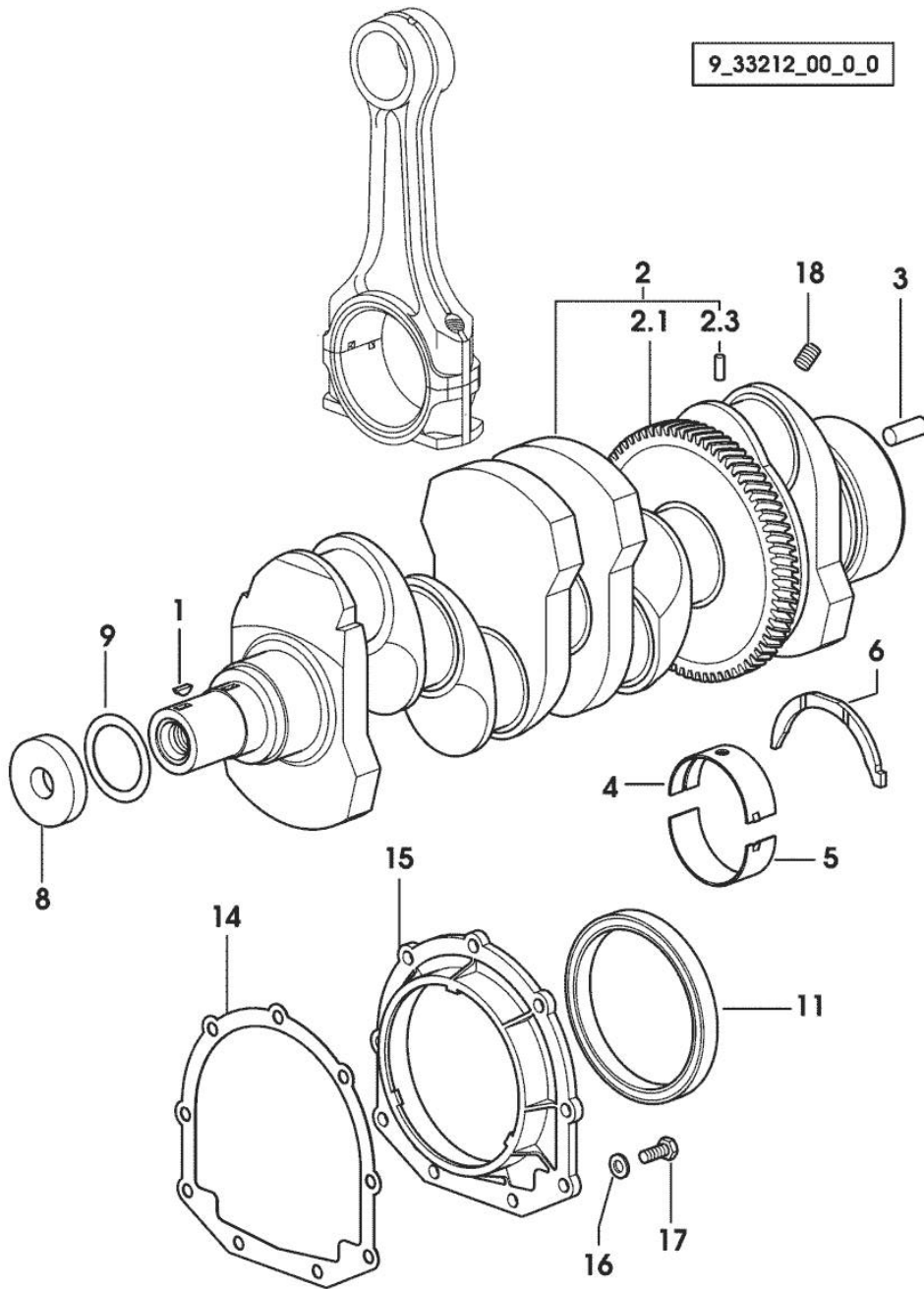


Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:  
[XS-100(24"-28")]

1	2.1720.006.0	1	key 4x6.5
2	0.086.1210.3/30	1	crankshaft
2.1	0.065.1211.0/10	1	crown wheel
2.3	2.1630.608.0	1	pin 6x16
3	2.1651.915.0	1	pin 12x35
4	0.065.1215.0	5	main half bushing STANDARD
4	0.065.1215.7		main half bushing - mm 0.25
4	0.065.1215.8		main half bushing - mm 0.50
5	0.065.1216.0	5	main half bushing
5	0.065.1216.7		main half bushing - mm 0.25
5	0.065.1216.8		main half bushing - mm 0.50
6	0.065.1218.0	4	shim STANDARD
6	0.065.1218.7		shim + mm 0.10
6	0.065.1218.8		shim + mm 0.15
8	2.1599.524.7	1	washer 21x60x12
9	2.1589.189.0	2	shoulder ring mm 1.00
11	2.1529.073.0	1	special oil seal 110x130x13
14	0.065.1254.0/20	1	gasket
15	0.007.1711.0/10	1	cover
16	2.1475.002.2	9	conical washer 8
17	2.0112.207.2	9	screw m 8 p 1.25 x 20
18	2.3130.001.1	4	plug 1/8" gas

Section: ENGINE

**CYLINDER - PISTON - CONNECTING ROD**

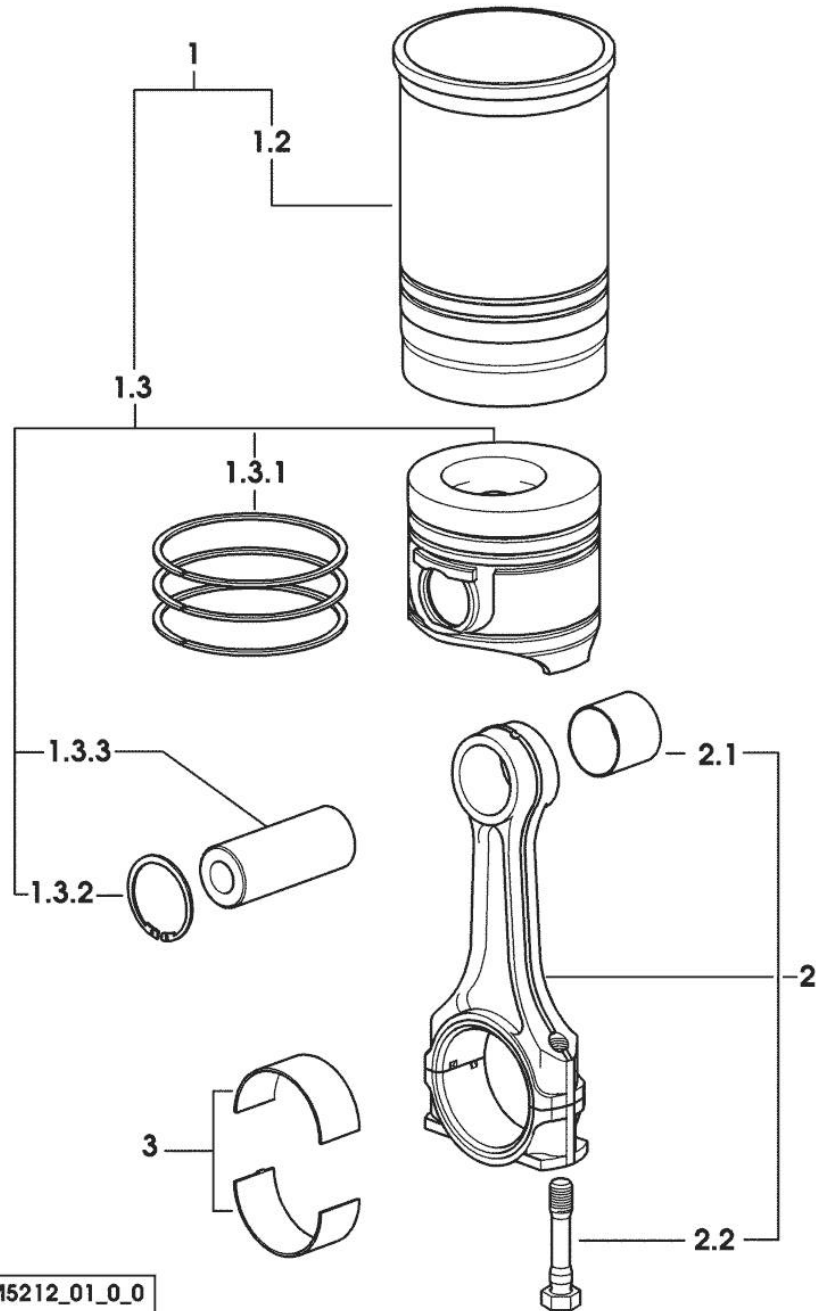


Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:  
[XS-100(24"-28")]

1	0.099.0065.A	4	cyl. piston assembly "A" - CLASS A
1	0.099.0065.B	4	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	0.099.0060.A	1	complete piston "A" - CLASS A
1.3	0.099.0060.B	1	complete piston "B" - CLASS B
1.3.1	0.081.0090.6/10	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	0.078.1220.3/30	4	engine connecting rod
2.1	2.1559.114.0/10	1	special bushing
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5
3	0.065.1225.0	8	con.rod half bushing STANDARD - A = 28.75 -> 29.00
3	0.065.1225.7	8	con.rod half bushing - mm 0.25
3	0.065.1225.8	8	con.rod half bushing - mm 0.50

9\_M5212\_01\_0\_0



Section: ENGINE

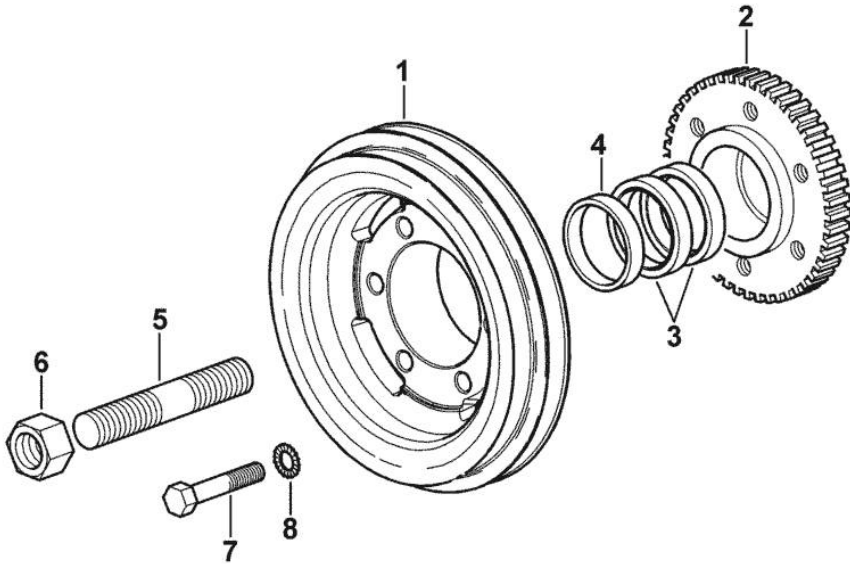
**CRANKSHAFT PULLEY**

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

**Notes:**

[XS-100(24"-28")]

1	0.013.6349.0/10	1	pulley
2	0.011.3515.0/20	1	hub Z = 48
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\_N1412\_03\_0\_0

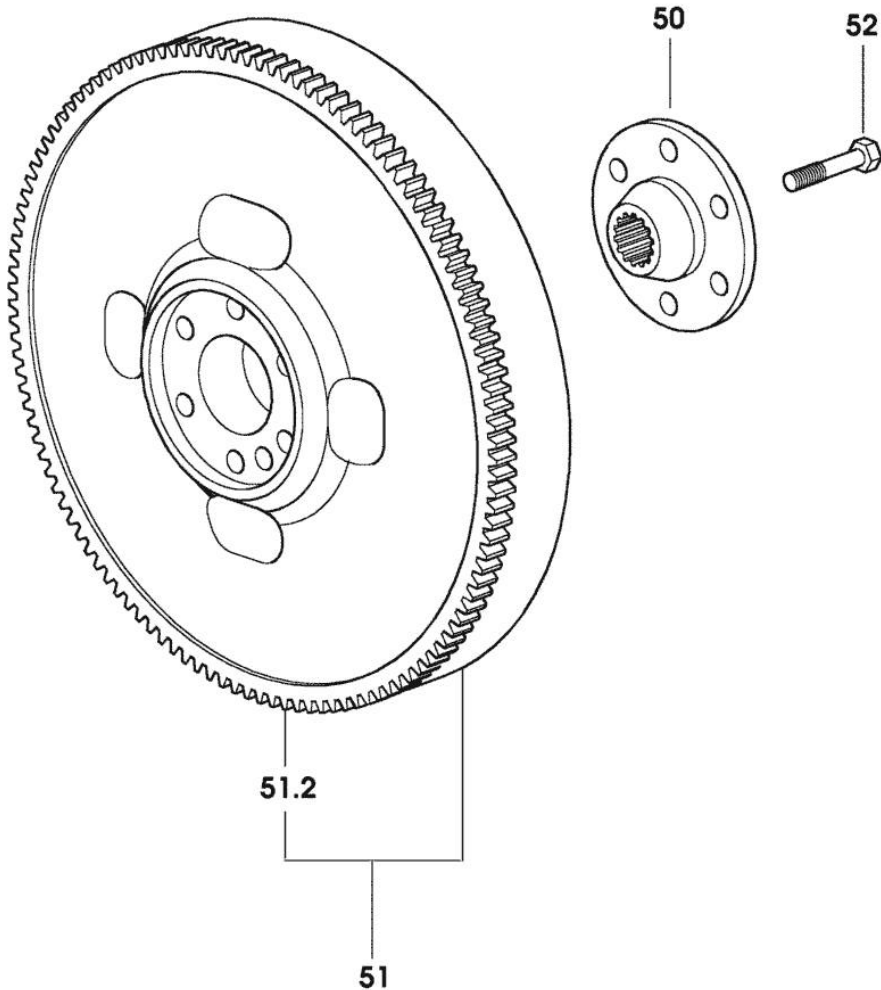
Section: ENGINE

**ENGINE FLYWHEEL**

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

Notes:  
[XS-100(24"-28")]

50	0.255.2525.0/10	1	flange
51	0.076.1247.3/20	1	flywheel
51.2	0.065.1242.0	1	crown wheel Z = 123
52	2.0139.022.2	6	screw m 12 p.1.25x55



9\_33212\_07\_0\_0

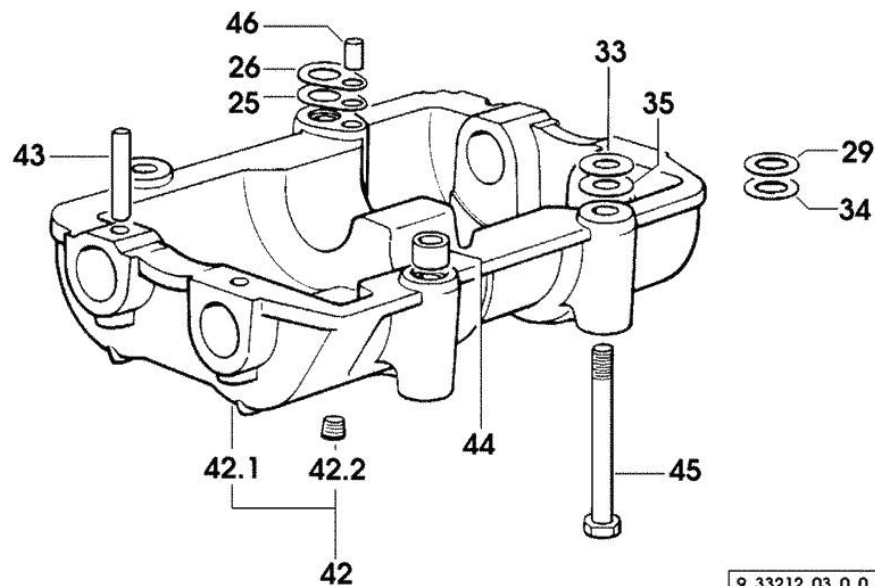
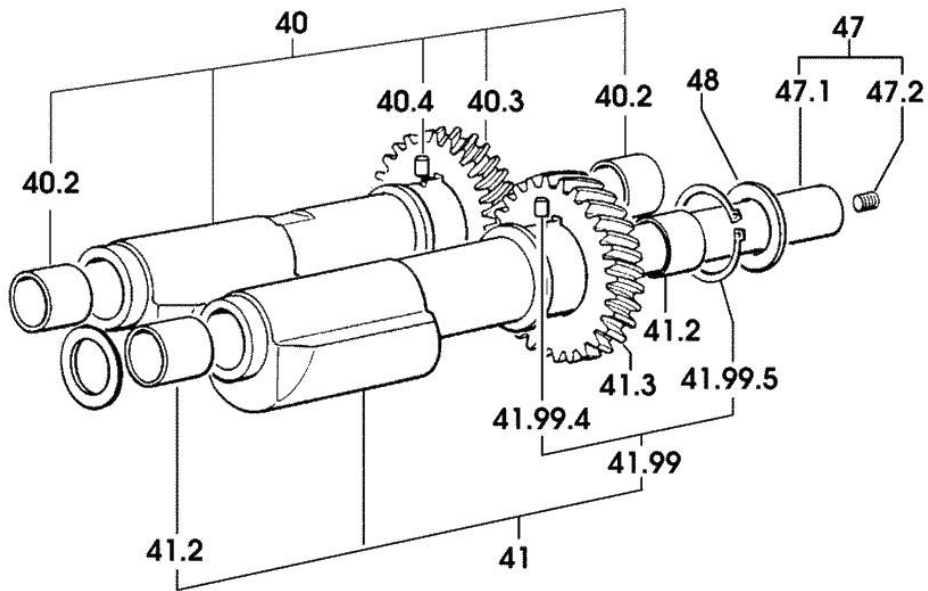
Section: ENGINE

COUNTERWEIGHTS

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

Notes:  
[XS-100(24"-28")]

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
40	0.086.1233.3/30	1	mass sx/lh/li
40.2	2.1559.115.0	2	special bushing 26x30x30
40.3	0.000.0000.1		cannot be supplied
40.4	2.1651.302.0	1	roll pin 4x6
41	0.065.1233.3/30	1	mass dx/rh/re
41.2	2.1559.115.0	2	special bushing 26x30x30
41.3	0.000.0000.1		cannot be supplied
41.99	0.000.0000.1		cannot be supplied
41.99.4	2.1651.302.0	1	roll pin 4x6
41.99.5	2.1410.018.7	1	circlip 45
42	0.000.0000.1		cannot be supplied
42.1	0.086.1231.0/10	1	box
42.2	2.3130.001.1	4	plug 1/8" gas
43	2.1631.717.0	2	roll pin 8 x 40
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
47	0.000.0000.1		cannot be supplied
47.1	0.065.1234.0/10	1	shaft
47.2	2.3130.001.1	1	plug 1/8" gas
48	2.1589.185.0	4	shoulder ring 26.1x34x1



9\_33212\_03\_0\_0

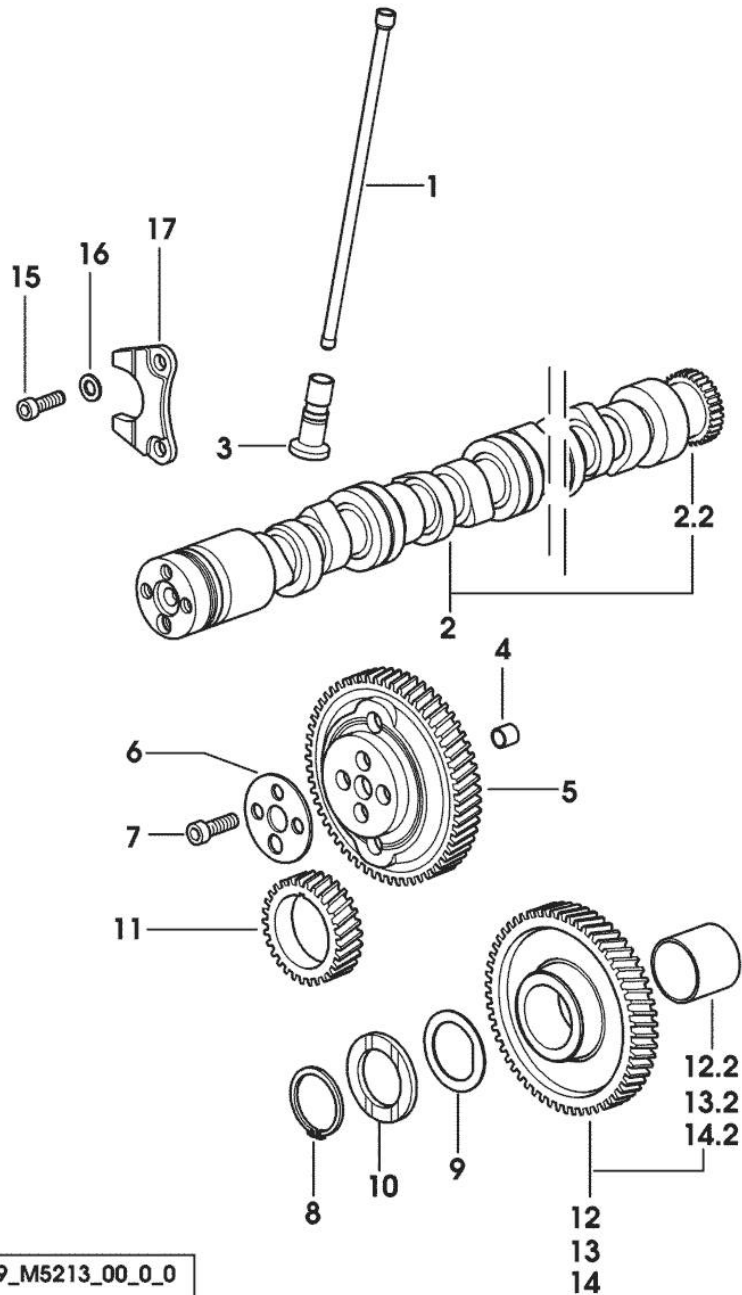
Section: ENGINE

**CAMSHAFT**

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

Notes:  
[XS-100(24"-28")]

1	0.065.1331.2	8	rod
2	0.012.6558.3/10	1	camshaft
2.2	0.065.1324.0/10	1	gear Z = 32
3	0.065.1330.0	8	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	0.065.1351.0	2	shoulder ring
11	0.065.1323.0/30	1	gear Z = 29
12	0.007.1177.3/20		gear z = 57 - WITH RED IDENTIFICATION STAMP
12.2	2.1559.185.0/10	1	bushing gear z = 57 - WITH YELLOW IDENTIFICATION STAMP
13	0.007.1178.3/20		gear z = 57 - WITH YELLOW IDENTIFICATION STAMP
13.2	2.1559.185.0/10	1	bushing gear z = 57 - WITH GREEN IDENTIFICATION STAMP
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



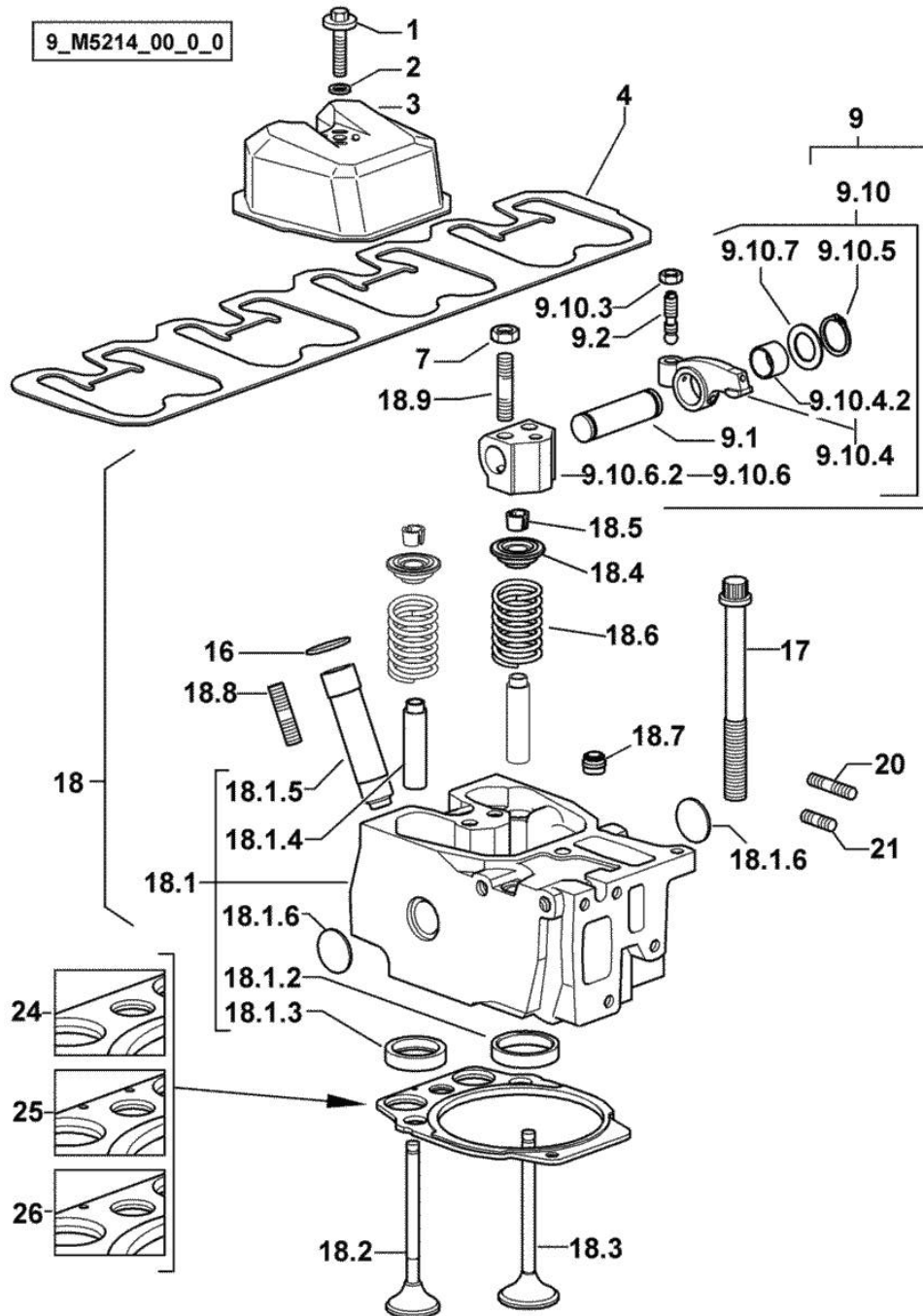
9\_M5213\_00\_0\_0

Section: ENGINE  
CYLINDER HEAD

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

Notes:  
[XS-100(24"-28")]

1	2.0399.288.2/10	4	screw m 8x36x46
2	2.1539.151.0	4	special oil seal 9.19 x 2.62
3	0.007.1139.0/10	4	small cap
4	0.065.1450.0/30	1	tappet gasket
7	2.1011.421.2	8	nut m 10 p.1.25
9	0.000.0000.1		cannot be supplied
9.1	0.066.1431.0	1	pin
9.2	0.021.1434.0	2	screw
9.10	0.000.0000.1		cannot be supplied
9.10.3	2.1011.405.2	2	nut m 8 p.1
9.10.4	0.066.1432.3	2	rocker arm
9.10.4.2	2.1559.021.0/40	1	bushing 15x19x22
9.10.5	2.1410.055.7	2	circlip 19
9.10.6	0.000.0000.1		cannot be supplied
9.10.6.2	0.066.1430.0/10	1	support
9.10.7	2.1599.432.0	2	shoulder ring
16	2.1532.507.0	4	oil seal 17x3.53
17	0.012.2673.0	16	screw m 14 p.2x141
18	0.000.0000.1		cannot be supplied
18.1	0.013.0412.3/60	1	engine head
18.1.2	0.078.1426.0	1	valve seat
18.1.3	0.066.1427.0	1	valve seat
18.1.4	0.007.1779.0/20	2	valve guide
18.1.5	0.012.9984.0/20	1	bush
18.1.6	2.3170.012.1	2	expansion plug 30
18.2	0.010.6022.0	1	exhaust valve mm 39.1 / Ø mm 9
18.3	0.010.6017.0	1	inlet valve mm 43.63 / Ø mm 9
18.4	0.066.1425.0	2	cup
18.5	0.074.1423.0	4	conical valve cotter
18.6	2.4019.287.0	2	spring
18.7	2.1519.117.0	2	special oil seal
18.8	2.0432.161.7	1	stud bolt m 10 p.1.5 / p.1.25 x 40
18.9	2.0432.163.7	2	stud bolt m 10 p.1.5 / p.1.25 x 45
20	2.0432.011.7	4	stud bolt m 8 p.1.25 / p.1 x 40
21	2.0432.005.7	4	stud bolt m 8 p.1.5 / p.1 x 25
24	0.013.1887.0		gasket
25	0.013.1888.0	3	gasket
26	0.013.1889.0		gasket



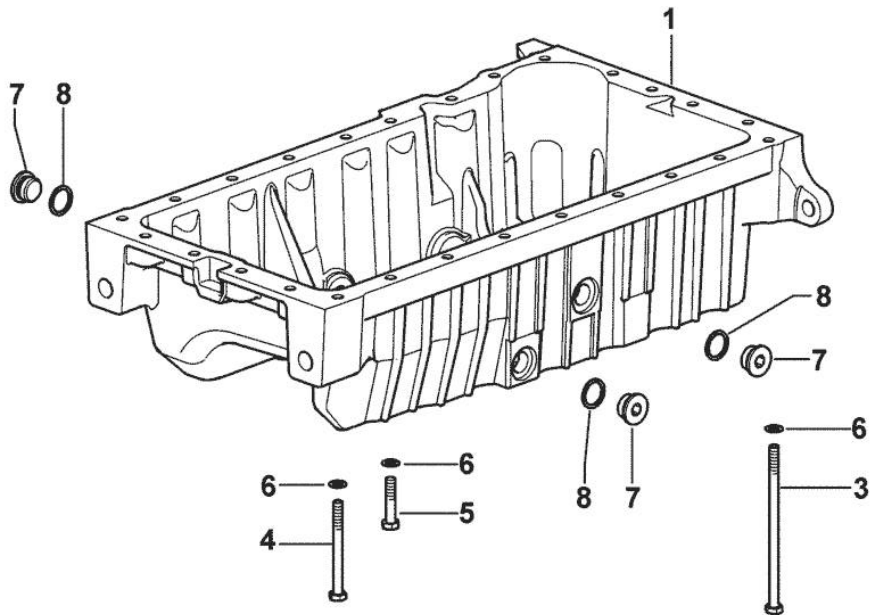
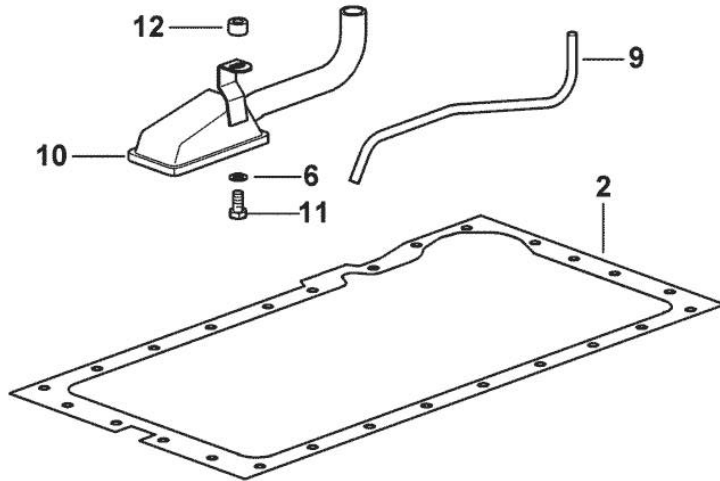
Section: ENGINE

**OIL PAN**

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

Notes:  
[XS-100(24"-28")]

1	0.010.0910.0/10	1	oil sump
2	0.065.1550.0/10	1	gasket
3	2.0112.239.2	2	screw m 8 p.1.25 x 150
4	2.0112.226.2	7	screw m 8 p.1.25 x 85
5	2.0112.215.2	17	screw m 8 p.1.25 x 40
6	2.1470.004.2	27	lock washer 8
7	2.3199.001.2	3	plug 1/2" gas
8	2.1560.054.0	3	gasket 21 x 26
9	0.008.9960.0	1	tube
10	0.008.9959.3/10	1	tube
11	2.0112.209.2	1	screw m 8 p 1.25 x 25
12	2.1579.766.2	1	spacer 8.5x16x10



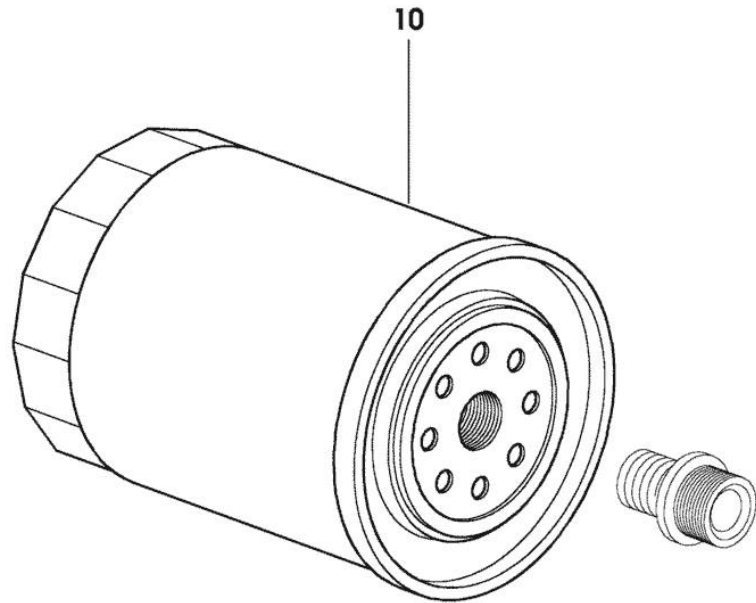
9\_38715\_01\_0\_0

**ENGINE OIL FILTER**

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

Notes:  
[XS-100(24"-28")]

10	2.4419.340.0	1	oil filter element
----	--------------	---	--------------------



9\_34415\_04\_0\_0

Section: ENGINE

LUBRIC. OIL COOLER

9\_34315\_03\_0\_0

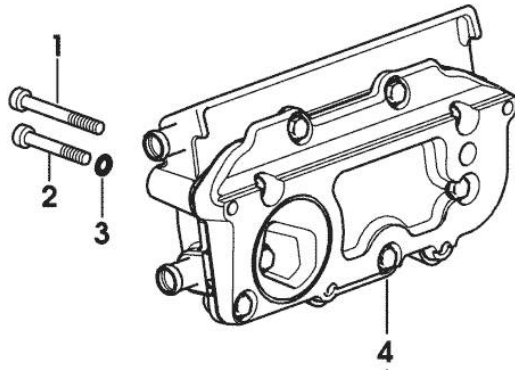
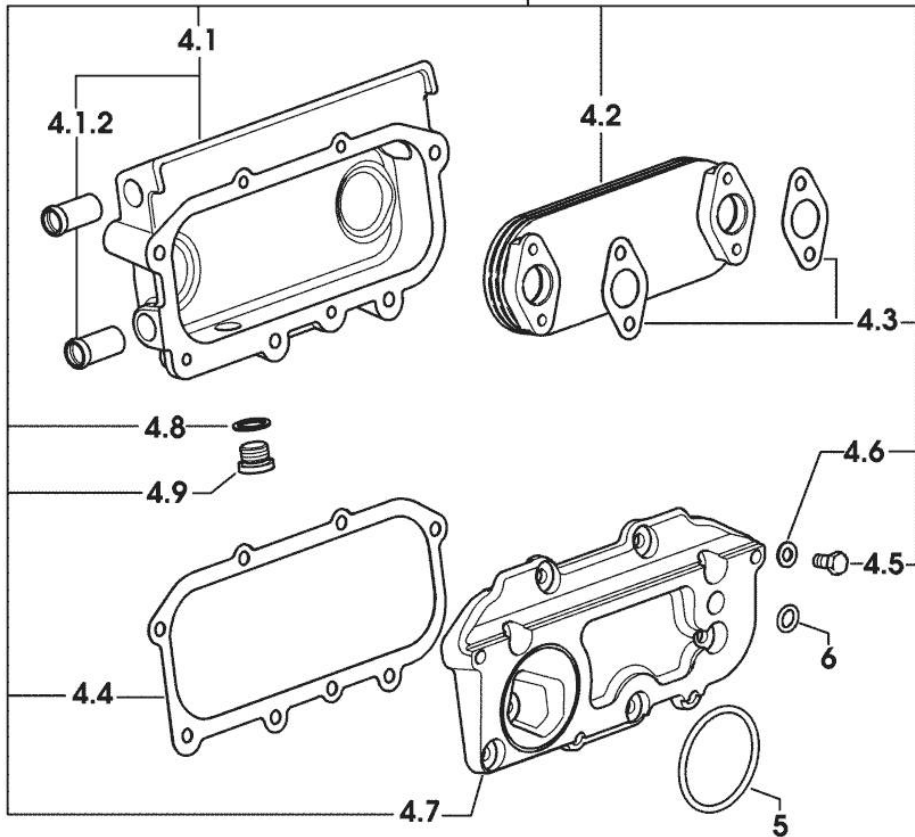


Fig.	P/n	QTY	Name
------	-----	-----	------

Notes:  
[XS-100(24"-28")]

1	2.0312.220.2	2	screw m 8 p.1.25x70
2	2.0312.217.2	2	screw m 8 p.1.25x55
3	2.1480.014.1	4	washer 8
4	0.000.0000.1		cannot be supplied
4.1	0.078.1554.3	1	box
4.1.2	0.066.1750.0	1	tube
4.2	0.078.1540.3	1	radiator
4.3	0.078.1557.0/10	2	gasket
4.4	0.078.1556.0/10	1	gasket
4.5	2.0112.205.2	8	screw m 8 p.1.25 x 16
4.6	2.1310.004.2	8	flat washer 8.4x17
4.7	0.078.1555.0/10	1	plate
4.8	2.1560.014.0	1	washer 18.2 x 24
4.9	2.3120.101.0	1	plug m 18 p.1.5
5	2.1539.050.0	1	special oil seal 69.57x1.78
6	2.1539.048.0	1	special oil seal 20.35x1.78





Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)