ENGINE TYPE-APPROVAL DATA PLATE

Fig.	P/n	QTY	Name

Notes:
[XV90.3 -> ZKDV0102W0TH10001]

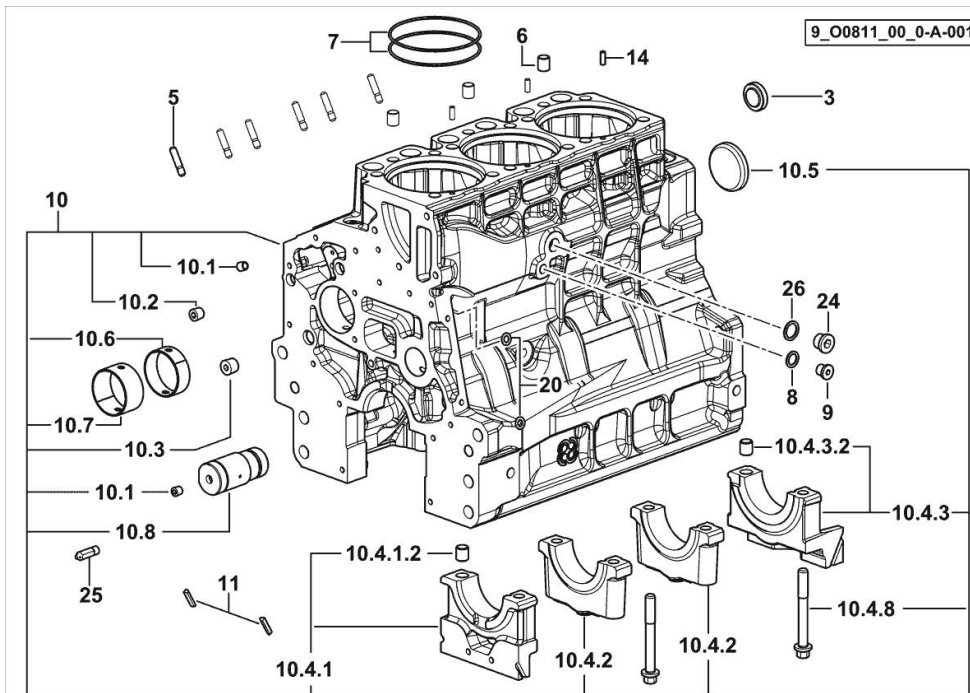|			
1	0.000.0000.1		cannot be supplied MADE BY TREVIGLIO ITALY
2	0.000.0000.1		cannot be supplied MADE AT RANIPET - INDIA
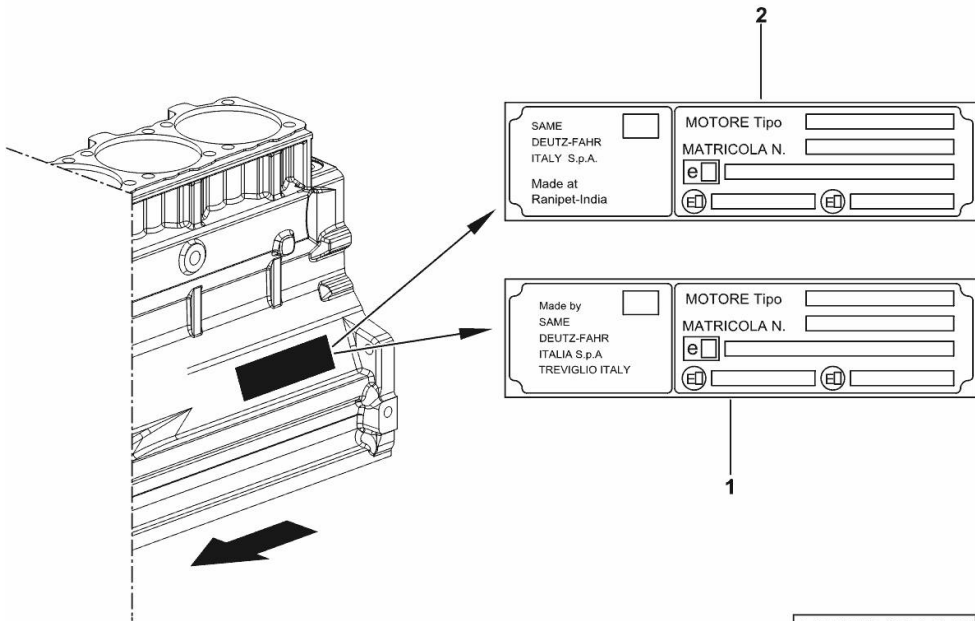
9_STA000_00_0-A-001

CRANKCASE

Fig.	P/n	QTY	Name

Notes:
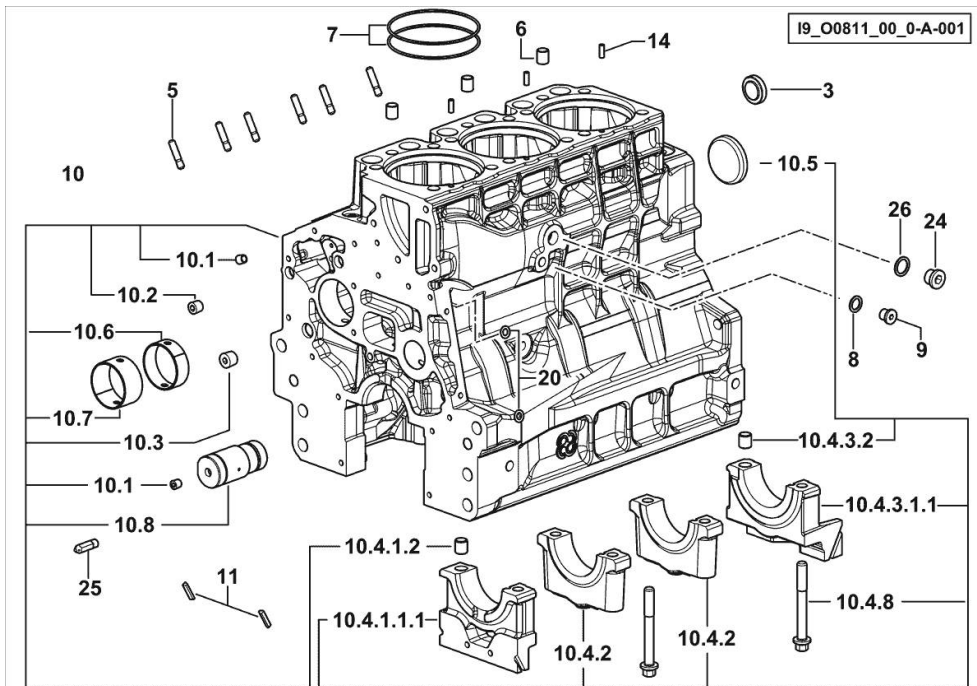FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XV90.3 -> ZKDV0102W0TH10001]

Fig.	P/n	QTY	Name
3	2.3199.312.2/20	1	plug m 35x1.5x9.5
5	2.0439.279.7	6	stud bolt m 8 p.1 x 25
6	2.1559.188.2	3	bush 11.4 x 14 x16
7	2.1539.259.0	6	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	0.014.9911.4/30	1	crankcase
10.1	2.3130.001.1	12	plug 1/8" gas
10.2	2.3130.002.1	4	plug 1/4" gas
10.3	2.3130.003.1	2	plug 3/8" gas
10.4.1	0.065.1112.3	1	support
10.4.1.2	2.1699.165.0	1	bush 12.3x15x16
10.4.2	0.065.1114.0/10	2	support
10.4.3	0.065.1116.3	1	support
10.4.3.2	2.1699.165.0	1	bush 12.3x15x16
10.4.8	0.065.1117.0	8	screw m 12 x 100
10.5	2.3179.012.0	1	plug 60
10.6	0.065.1140.0	3	special bushing 59X55X20
10.7	0.065.1141.0	1	special bushing 59X55X30
10.8	0.014.1340.0/10	1	pin mm 85
11	0.066.1152.0/10	4	gasket
14	2.1549.154.2	3	bush 4.8x5.8x16
20	2.1470.004.2	4	lock washer 8
24	2.3120.101.0	1	plug m 18 p.1.5
25	0.013.4946.0/10	1	sprayer nozzle
26	2.1560.014.0	1	washer 18.2 x 24

9_O0811_00_0-A-001

CRANKCASE

Fig.	P/n	QTY	Name

Notes:
FOR ENGINES PRODUCED IN : RANIPET - INDIA [XV90.3 -> ZKDV0102W0TH10001]

Fig.	P/n	QTY	Name
3	2.3199.312.2/20	1	plug m 35x1.5x9.5
5	2.0439.279.7	6	stud bolt m 8 p.1 x 25
6	2.1559.188.2	3	bush 11.4 x 14 x16
7	2.1539.259.0	6	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	0.014.9911.4/30	1	crankcase
10.1	2.3130.001.1	12	plug 1/8" gas
10.2	2.3130.002.1	4	plug 1/4" gas
10.3	2.3130.003.1	2	plug 3/8" gas
10.4.1.1.1	0.065.1112.7/10	1	support
10.4.1.2	2.1699.165.0	1	bush 12.3x15x16
10.4.2	0.065.1114.0/10	2	support
10.4.3.1.1	0.065.1116.7/10	1	support
10.4.3.2	2.1699.165.0	1	bush 12.3x15x16
10.4.8	0.065.1117.0	8	screw m 12 x 100
10.5	2.3179.012.0	1	plug 60
10.6	0.065.1140.0	3	special bushing 59X55X20
10.7	0.065.1141.0	1	special bushing 59X55X30
10.8	0.014.1340.0/10	1	pin mm 85
11	0.066.1152.0/10	4	gasket
14	2.1549.154.2	3	bush 4.8x5.8x16
20	2.1470.004.2	4	lock washer 8
24	2.3120.101.0	1	plug m 18 p.1.5
25	0.013.4946.0/10	1	sprayer nozzle
26	2.1560.014.0	1	washer 18.2 x 24

Section: B0 - ENGINE   Ref: B0.01.4 (1)
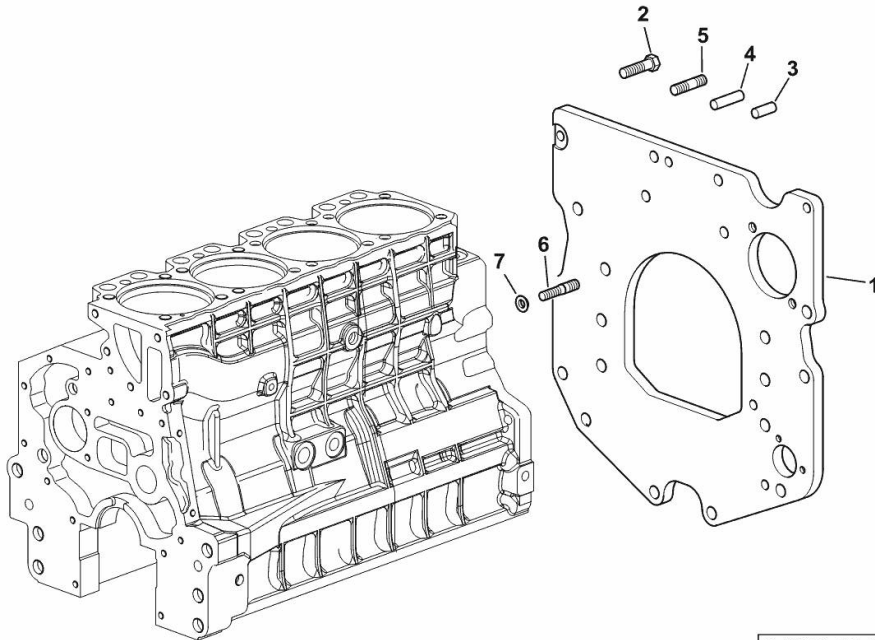
MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Fig.	P/n	QTY	Name

Notes:
FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XV90.3 -> ZKDV0102W0TH10001]

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

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Section: B0 - ENGINE   Ref: B0.01.5 (1)
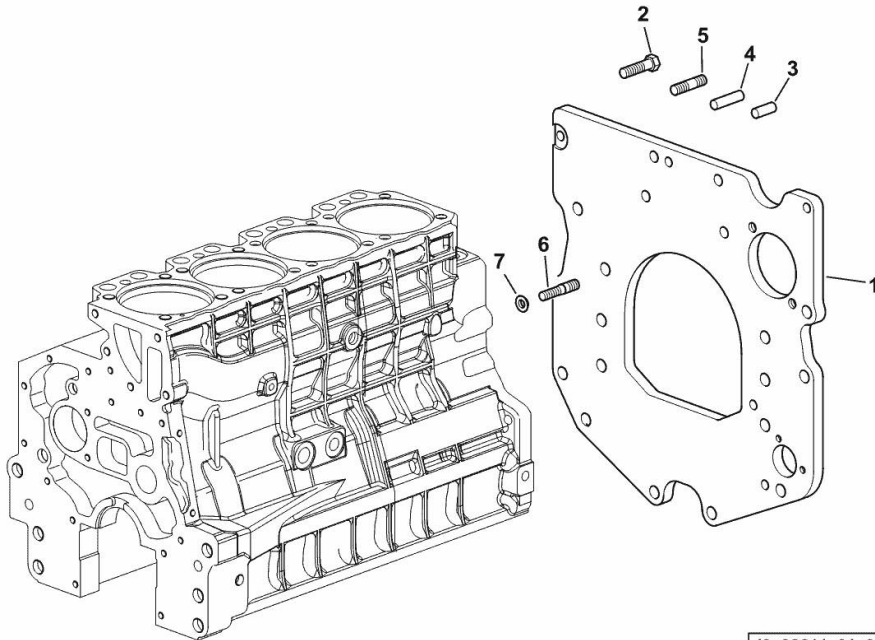
MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Fig.	P/n	QTY	Name

Notes:
FOR ENGINES PRODUCED IN : RANIPET - INDIA [XV90.3 -> ZKDV0102W0TH10001]

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

I9_38611_01_0-A-001

Section: B0 - ENGINE   Ref: B0.02.0 (2)

CRANKSHAFT

Fig.	P/n	QTY	Name

Notes:
FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XV90.3 -> ZKDV0102W0TH10001]
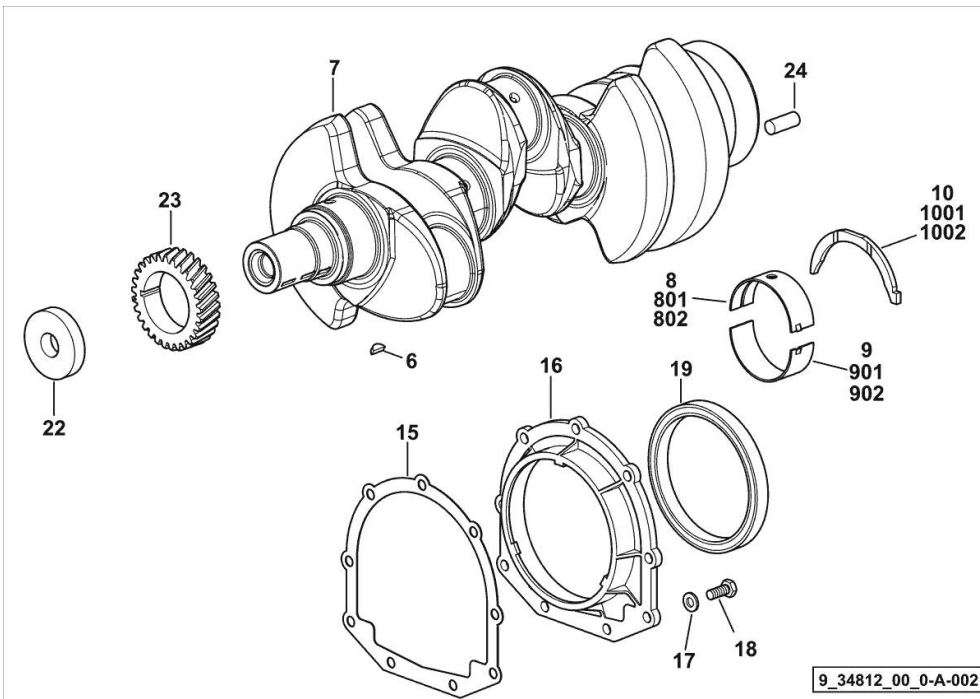
6	2.1720.006.0	1	key 4x6.5
7	0.019.2255.0/20	1	crankshaft
8	0.019.5455.0	4	main half bushing STANDARD
9	0.019.5456.0	4	main half bushing STANDARD
10	0.065.1218.0	4	shim STANDARD
15	0.065.1254.0/20	1	gasket
16	0.007.1711.0/10	1	cover
17	2.1475.002.2	9	conical washer 8
18	2.0112.207.2	9	screw m 8 p 1.25 x 20
19	2.1529.073.0	1	special oil seal 110x130x13
22	2.1599.524.7	1	washer 21x60x12
23	0.065.1323.0/30	1	gear Z = 29
24	2.1651.915.0	1	pin 12x35
801	0.065.1215.7	-	main half bushing - mm 0.25
802	0.065.1215.8	-	main half bushing - mm 0.50
901	0.065.1216.7	-	main half bushing - mm 0.25
902	0.065.1216.8	-	main half bushing - mm 0.50
1001	0.065.1218.7	-	shim + mm 0.10
1002	0.065.1218.8	-	shim + mm 0.15

9_34812_00_0-A-002

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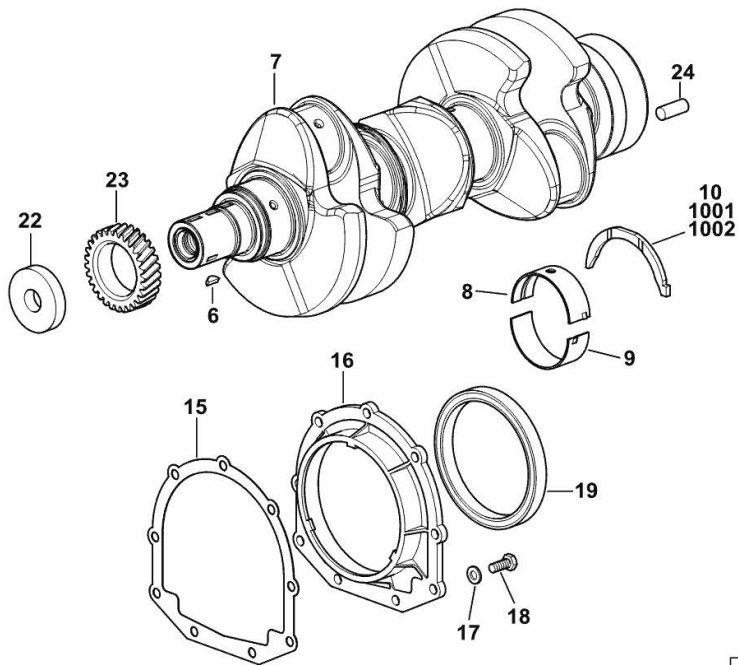
CRANKSHAFT

Fig.	P/n	QTY	Name

Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XV90.3 -> ZKDV0102W0TH10001]

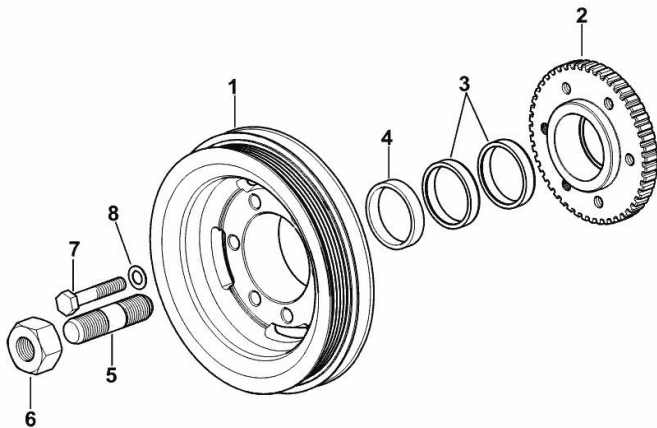| Fig.	P/n	QTY	Name
6	2.1720.006.0	1	key 4x6.5
7	0.019.2255.0/30	1	crankshaft
8	0.019.5455.0	4	main half bushing STANDARD
9	0.019.5456.0	4	main half bushing STANDARD
10	0.065.1218.0	4	shim STANDARD
15	0.065.1254.0/20	1	gasket
16	0.007.1711.0/10	1	cover
17	2.1475.002.2	9	conical washer 8
18	2.0112.207.2	9	screw m 8 p 1.25 x 20
19	2.1529.073.0	1	special oil seal 110x130x13
22	2.1599.524.7	1	washer 21x60x12
23	0.065.1323.0/30	1	gear Z = 29
24	2.1651.915.0	1	pin 12x35
1001	0.065.1218.7		shim + mm 0.10
1002	0.065.1218.8		shim + mm 0.15

I9_O8312_00_0-A-002

ENGINE CRANKSHAFT PULLEY WITH RING-FEEDER RINGS

Fig.	P/n	QTY	Name

Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XV90.3 -> ZKDV0102W0TH10001]

1	0.015.6055.0	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_O6312_03_0-A-001

Section: B0 - ENGINE   Ref: B0.02.5 (1)
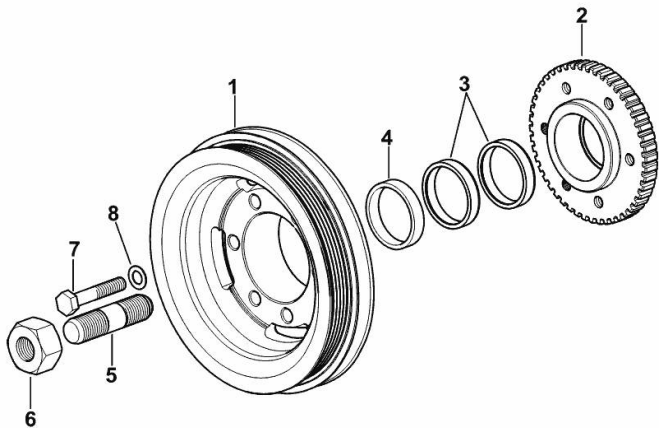
ENGINE CRANKSHAFT PULLEY WITH RING-FEEDER RINGS

Fig.	P/n	QTY	Name

Notes:
FOR ENGINES PRODUCED IN : RANIPET - INDIA [XV90.3 -> ZKDV0102W0TH10001]

1	0.015.6055.0	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

I9_O6312_03_0-A-001

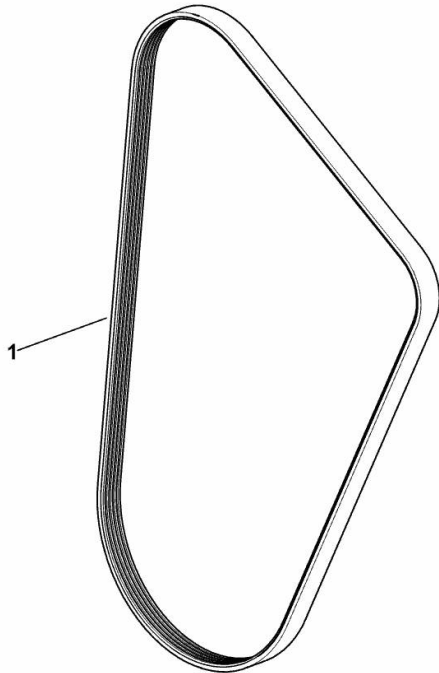COOLANT PUMP AND ALTERNATOR DRIVEBELT

Fig.	P/n	QTY	Name

Notes:
- FOR TYPES WITHOUT CONDITIONING [XV90.3 -> ZKDV0102W0TH10001]

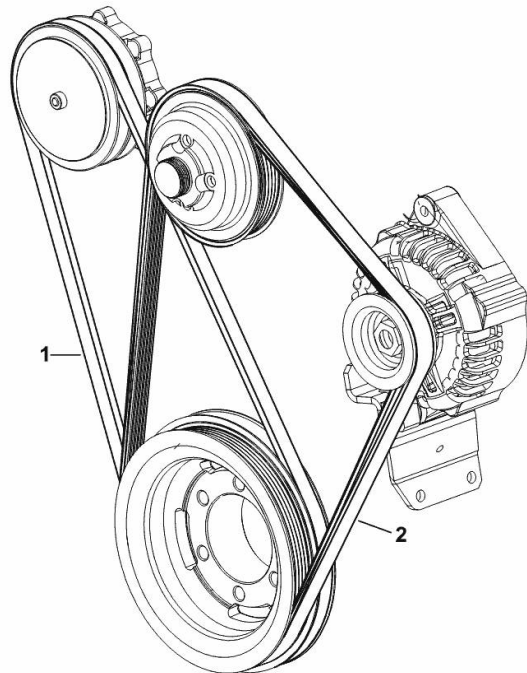| 1 | 2.4119.215.0 | 1 | belt PV-K5 (mm 1225) |

9_K0717_08_0-A-001

1

COOLANT PUMP AND ALTERNATOR DRIVEBELT

Fig.	P/n	QTY	Name

Notes:

- FOR MODELS WITH COMPRESSOR [XV90.3 -> ZKDV0102W0TH10001]

1	2.4119.143.0	1	belt AV 12.7x1225 mm
2	2.4119.215.0	1	belt PV-K5 (mm 1225)

9_K0717_09_0-A-001

Section: B0 - ENGINE   Ref: B0.02.13 (1)
ENGINE FLYWHEEL

Fig.	P/n	QTY	Name

Notes:
[XV90.3 -> ZKDV0102W0TH10001]

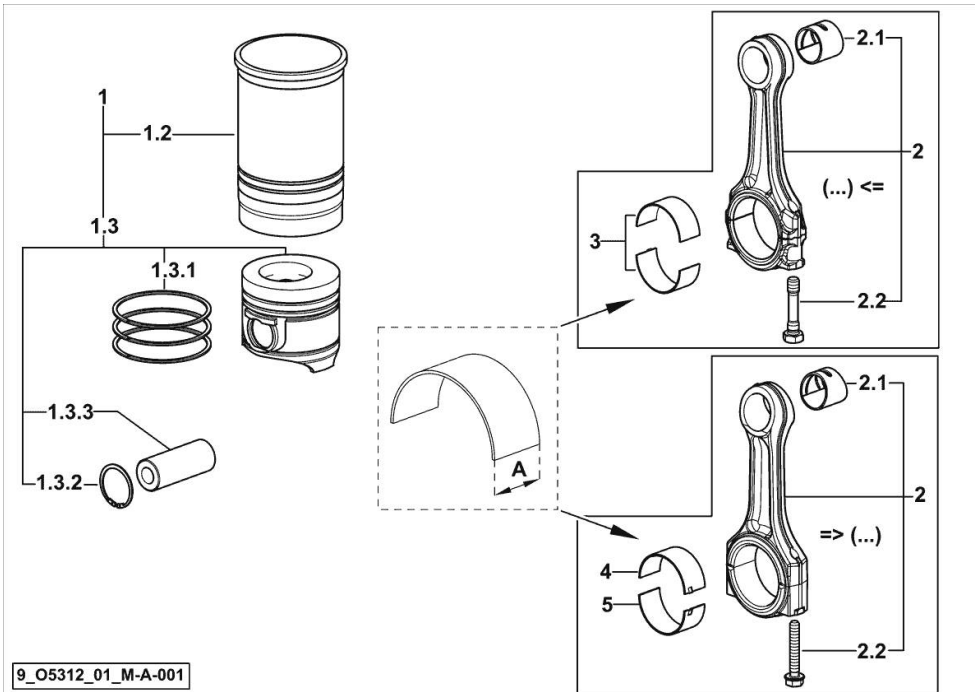|			
50	0.011.2162.3/10	1	flywheel
50.2	0.069.1242.0	1	crown wheel Z = 121
51	0.255.2525.0/10	1	flange
52	2.0139.022.2	6	screw m 12 p.1.25x55

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1/1

CYLINDER - PISTON - CONNECTING ROD

Fig.	P/n	QTY	Name

Notes:
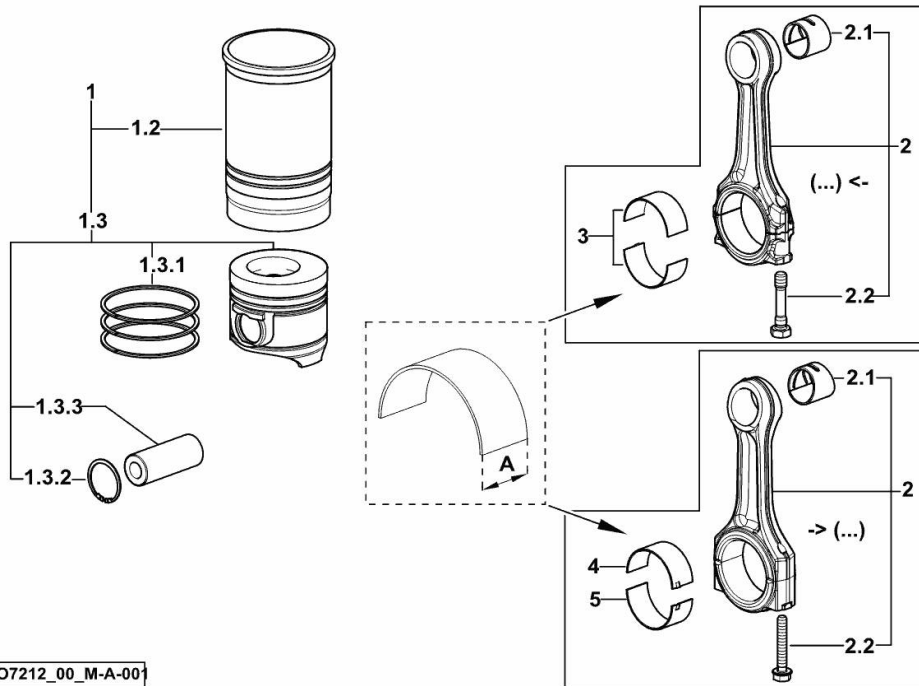FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XV90.3 -> ZKDV0102W0TH10001]

Fig.	P/n	QTY	Name
1	0.O55.0065.A	3	cyl. piston assembly "A" - CLASS A
1	0.O55.0065.B	3	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.O55.0060.A	1	complete piston "A" - CLASS A
1.3	0.O55.0060.B	1	complete piston "B" - CLASS B
1.3.1	0.338.0052.6/20	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	0.014.5175.3	3	engine connecting rod (...) <=
2	0.019.2226.3/10	3	engine connecting rod => (...)
2.1	2.1559.255.0	1	special bushing 34.60x39.130x34.65 (...) <=
2.1	2.1559.532.0	1	special bushing 34.60x39.130x36.65 => (...)
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5 (...) <=
2.2	2.0399.365.0	2	screw m 10 p.1.25x61.5 => (...)
3	0.065.1225.0	6	con.rod half bushing STANDARD - A = 28.75 -> 29.00 (...) <=
3	0.065.1225.7	6	con.rod half bushing - mm 0.25 (...) <=
3	0.065.1225.8	6	con.rod half bushing - mm 0.50 (...) <=
4	0.019.5453.0	3	con.rod half bushing STANDARD - A = 29.85 -> 30.10 => (...)
5	0.019.5454.0	3	con.rod half bushing STANDARD - A = 29.85 -> 30.10 => (...)

9_O5312_01_M-A-001

CYLINDER - PISTON - CONNECTING ROD

Fig.	P/n	QTY	Name

Notes:
FOR ENGINES PRODUCED IN : RANIPET - INDIA [XV90.3 -> ZKDV0102W0TH10001]

Fig.	P/n	QTY	Name
1	0.O55.0065.A	3	cyl. piston assembly "A" - CLASS A
1	0.O55.0065.B	3	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.O55.0060.A	1	complete piston "A" - CLASS A
1.3	0.O55.0060.B	1	complete piston "B" - CLASS B
1.3.1	0.338.0052.6/20	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	0.014.5175.3	3	engine connecting rod (...) <=
2	0.019.2226.3/10	3	engine connecting rod => (...)
2.1	2.1559.255.0	1	special bushing 34.60x39.130x34.65 (...) <=
2.1	2.1559.532.0	1	special bushing 34.60x39.130x36.65 => (...)
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5 (...) <=
2.2	2.0399.365.0	2	screw m 10 p.1.25x61.5 => (...)
3	0.065.1225.0	6	con.rod half bushing STANDARD - A = 28.75 -> 29.00 (...) <=
3	0.065.1225.7	6	con.rod half bushing - mm 0.25 (...) <=
3	0.065.1225.8	6	con.rod half bushing - mm 0.50 (...) <=
4	0.019.5453.0	3	con.rod half bushing STANDARD - A = 29.85 -> 30.10 => (...)
5	0.019.5454.0	3	con.rod half bushing STANDARD - A = 29.85 -> 30.10 => (...)

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