SAME DEUTZ-FAHR TIALY S.P.A. Made at Ranipel-India MOTORE Tipo MATRICOLA N. DEUTZ-FAHR TIALA S.P.A TREVIGLIO ITALY TREVIGLIO ITALY TREVIGLIO ITALY TREVIGLIO OD 00_0-A-00f

XV90 -> 1001/10001

Section: B0 - ENGINE Ref: B0.00.0 (1)

ENGINE TYPE-APPROVAL DATA PLATE

Fig.	P/n	QTY	Name	
Notes: [XV90 ->	ZKDP7502W0TH01001]			
1	0.000.0000.1		cannot be supplied	
2	0.000.0000.1		MADE BY TREVIGLIO ITALY cannot be supplied	
-	0.000.0000.1		MADE AT RANIPET - INDIA	

Section: B0 - ENGINE

Ref: B0.01.2 (1)

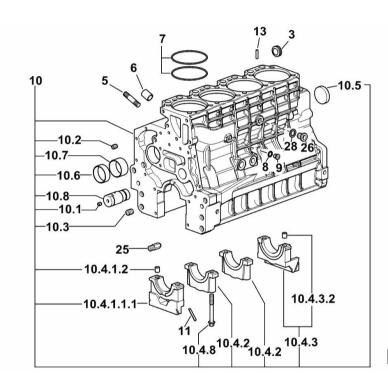
CRANKCASE

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

Note

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XV90 -> ZKDP7502W0TH01001]

3	2.3199.312.2/20	1	plug m 35x1.5x9.5
5	2.0439.279.7	8	stud bolt m 8 p.1 x 25
6	2.1559.188.2	4	bush 11.4 x 14 x 16
7	2.1539.259.0	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	0.014.9655.4/30	1	crankcase
10.1	2.3130.001.1	14	plug 1/8" gas
10.2	2.3130.002.1	4	plug 1/4" gas
10.3	2.3130.003.1	6	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	3	support
10.4.3	0.065.1116.3	1	support
10.4.3.2	2.1699.165.0	1	bush 12.3x15x16
10.4.8	0.065.1117.0	10	screw m 12 x 100
10.5	2.3179.012.0	1	plug 60
10.6	0.065.1140.0	4	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
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



9_O1011_00_0-A-001

Section: B0 - ENGINE

Ref: B0.01.3 (1)

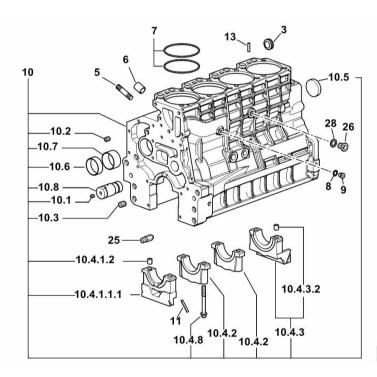
CRANKCASE

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

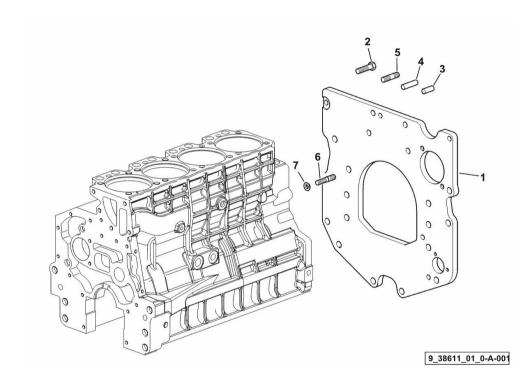
Note

FOR ENGINES PRODUCED IN: RANIPET - INDIA [XV90 -> ZKDP7502W0TH01001]

3	2.3199.312.2/20	1	plug m 35x1.5x9.5
5	2.0439.279.7	8	stud bolt m 8 p.1 x 25
6	2.1559.188.2	4	bush 11.4 x 14 x 16
7	2.1539.259.0	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	0.014.9655.4/30	1	crankcase
10.1	2.3130.001.1	14	plug 1/8" gas
10.2	2.3130.002.1	4	plug 1/4" gas
10.3	2.3130.003.1	6	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	3	support
10.4.3	0.065.1116.3	1	support
10.4.3.2	2.1699.165.0	1	bush 12.3x15x16
10.4.8	0.065.1117.0	10	screw m 12 x 100
10.5	2.3179.012.0	1	plug 60
10.6	0.065.1140.0	4	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
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



I9_O1011_00_0-A-001

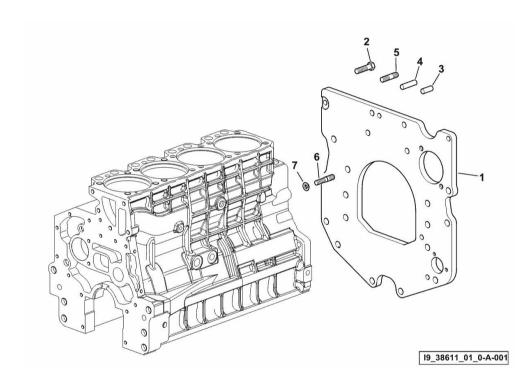


Section: B0 - ENGINE Ref: B0.01.4 (1)

MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Fig.	P/n	QTY	Name
Notes: FOR ENG	INES PRODUCED IN :	TREVIGLIO I	ITALY [XV90 -> ZKDP7502W0TH01001]
1	0.007.1992.0/50	1	flance

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	hush



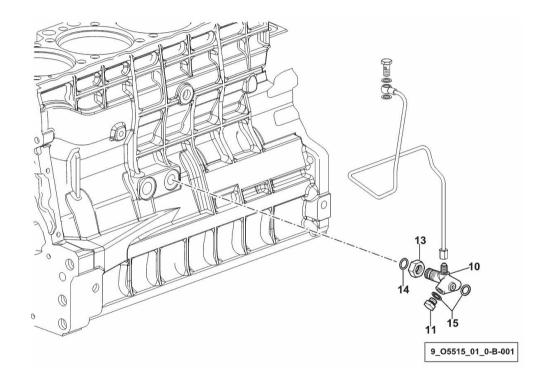
Section: B0 - ENGINE Ref: B0.01.5 (1)

bush

MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

2.0439.250.7 0.011.9294.0/10

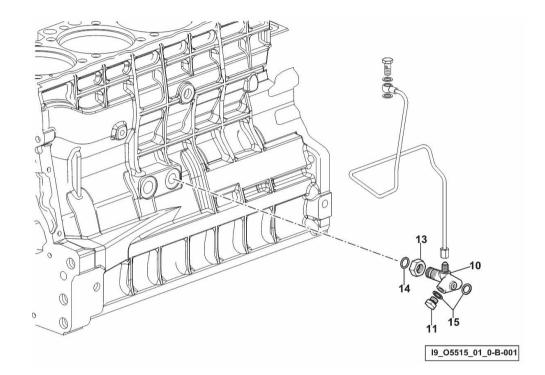
Fig.	P/n	QTY	Name
Notes: FOR ENG	GINES PRODUCED IN : RA	NIPET - INI	DIA [XV90 -> ZKDP7502W0TH01001]
1	0.007.1882.0/50	1	flange
2	2.0112.511.2	8	screw m 14 p.2 x 30
3	2.1651.912.0	2	cylindrical plug 12x28
4	2.1651.917.0	1	cylindrical plug 12x40
5	2.0432.257.7	1	stud bolt m 12 p.1.75 - 1.25 x 30
6	2.0439.250.7	1	stud bolt m 12 / m 10 x 30



Section: B0 - ENGINE Ref: B0.01.6 (1)

ENGINE OIL AND TURBO PRESSURE SWITCH UNION

Fig.	P/n	QTY	Name
Notes: FOR ENG	INES PRODUCED IN : TRI	EVIGLIO IT	FALY [XV90 -> ZKDP7502W0TH01001]
10	2.3339.787.0/10	1	pipe fitting 7/16"
11	2.3110.403.1	1	plug m 14 p.1.5x12
13	2.1019.129.2/10	1	nut m 18 p.1.5x12
14	2.1533.038.0	1	oil seal 15.45x2.62
15	2.1560.010.0	2	gasket 14.2 x 20



Section: B0 - ENGINE Ref: B0.01.7 (1)

ENGINE OIL AND TURBO PRESSURE SWITCH UNION

Fig.	P/n	QTY	Name
Notes: FOR ENGINE	S PRODUCED IN : RAN	NIPET - INE	DIA [XV90 -> ZKDP7502W0TH01001]
10	2.3339.787.0/10	1	pipe fitting 7/16"
11	2.3110.403.1	1	plug m 14 p.1.5x12
13	2.1019.129.2/10	1	nut m 18 p.1.5x12
14	2.1533.038.0	1	oil seal 15.45x2.62
15	2.1560.010.0	2	gasket 14.2 x 20

Section: B0 - ENGINE

Ref: B0.01.8 (1)

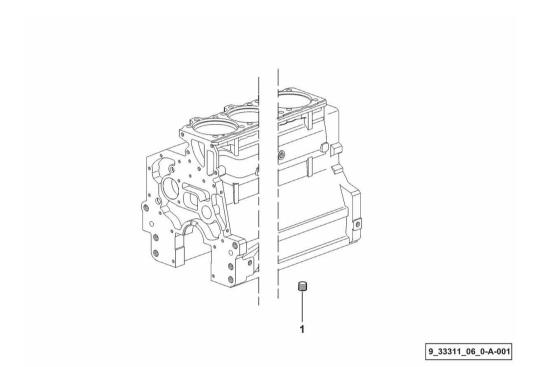
LOWER PLUG FOR CYLINDER BLOCKS

Fig.	P/n	QTY	Name

Notes:

FOR ENGINES PRODUCED IN: TREVIGLIO ITALY [XV90 -> ZKDP7502W0TH01001]

2.3130.003.1 2 plug 3/8" gas



Section: B0 - ENGINE

Ref: B0.01.9 (1)

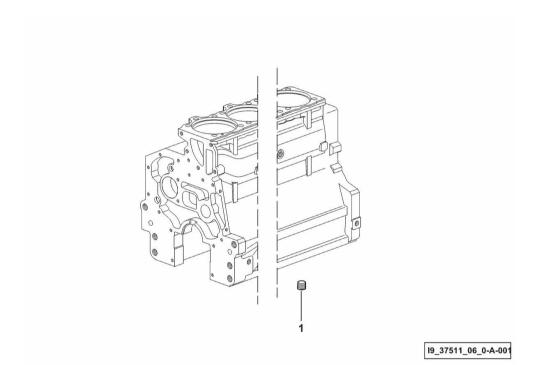
LOWER PLUG FOR CYLINDER BLOCKS

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

Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XV90 -> ZKDP7502W0TH01001]

2.3130.003.1 2 plug 3/8" gas

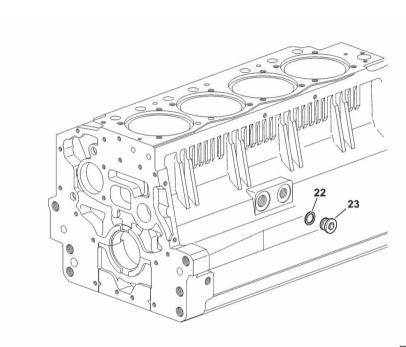


Ref: B0.01.10 (1)

Section: B0 - ENGINE

SIDE PLUG FOR CYLINDER BLOCK

Fig.	P/n	QTY	Name	
Notes: FOR ENC	GINES PRODUCED IN : TE	REVIGLIO	TALY [XV90 -> ZKDP7502W0TH01001]	
22	2.1560.017.0	1	gasket 22.2 x 27	
23	2.3120.002.4	1	plug m 22 x 1.5	



9_33211_07_0-A-001

Section: B0 - ENGINE

22

23

Ref: B0.01.11 (1)

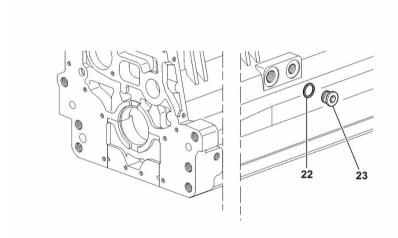
SIDE PLUG FOR CYLINDER BLOCK

2.1560.017.0

2.3120.002.4

Fig.	P/n	QTY	Name
Notes: FOR ENGINES	FPRODUCED IN : RANIP	ET - INDI	[A [XV90 -> ZKDP7502W0TH01001]

gasket 22.2 x 27 plug m 22 x 1.5



I9_33211_07_0-A-001

2 2.2 3 2.2 1 14 15 17 16 8 9

XV90 -> 1001/10001

Section: B0 - ENGINE Ref: B0.02.2 (2)

CRANKSHAFT

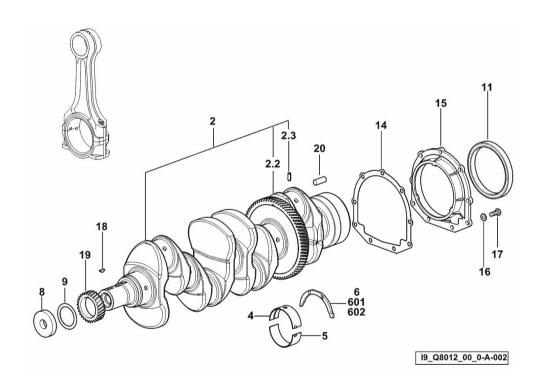
Fig.	P/n	QTY	Name

Notes:

9_33212_00_0-A-002

FOR ENGINES PRODUCED IN: TREVIGLIO ITALY [XV90 -> ZKDP7502W0TH01001]

2	0.021.8246.3	1	crankshaft
2.2	0.065.1211.0/10	1	crown wheel
2.3	2.1630.608.0	1	pin 6x16
		1	1
4	0.019.5455.0	5	main half bushing STANDARD
5	0.019.5456.0	5	main half bushing STANDARD
6	0.065.1218.0	4	shim STANDARD
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
20	0.065.1323.0/30	1	gear Z = 29
21	2.1651.915.0	1	pin 12x35
22	2.1720.006.0	1	key 4x6.5
601	0.065.1218.7		shim + mm 0.10
602	0.065.1218.8		$shim + mm \ 0.15$



Section: B0 - ENGINE Ref: B0.02.3 (2)

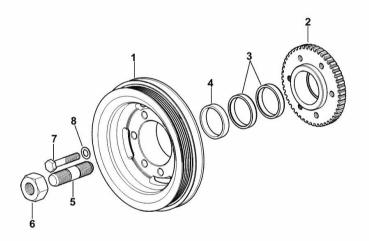
CRANKSHAFT

Fig.	P/n	QTY	Name

Notes:

FOR ENGINES PRODUCED IN: RANIPET - INDIA [XV90 -> ZKDP7502W0TH01001]

2	0.021.8246.3	1	crankshaft
2.2	0.065.1211.0/10	1	crown wheel
2.3	2.1630.608.0	1	pin 6x16
4	0.019.5455.0	5	main half bushing STANDARD
5	0.019.5456.0	5	main half bushing STANDARD
6	0.065.1218.0	4	shim STANDARD
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	2.1720.006.0	1	key 4x6.5
19	0.065.1323.0/30	1	gear Z = 29
20	2.1651.915.0	1	pin 12x35
601	0.065.1218.7		$shim + mm \ 0.10$
602	0.065.1218.8		$shim + mm \ 0.15$



9_O6312_03_0-A-001

Fig.

P/n

2.1470.006.2

XV90 -> 1001/10001

Section: B0 - ENGINE Ref: B0.02.4 (1)

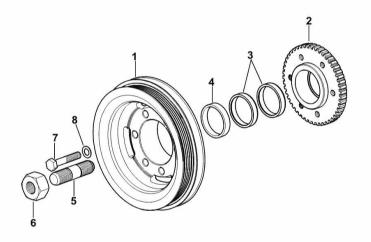
Name

ENGINE CRANKSHAFT PULLEY WITH RING-FEEDER RINGS

QTY

Notes: FOR ENG	GINES PRODUCED IN : TRE	EVIGLIO	ITALY [XV90 -> ZKDP7502W0TH01001]		
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		

lock washer 10



I9_O6312_03_0-A-001

Fig.

P/n

2.1470.006.2

XV90 -> 1001/10001

Section: B0 - ENGINE Ref: B0.02.5 (1)

Name

ENGINE CRANKSHAFT PULLEY WITH RING-FEEDER RINGS

QTY

Notes: FOR ENGINES PRODUCED IN: RANIPET - INDIA [XV90 -> ZKDP7502W0TH01001]			FOR ENG	
	pulley	1	0.015.6055.0	1
	hub $Z = 48$	1	0.011.3515.0/20	2
	ring 45x52	2	0.065.1256.0	3
	spacer 45.2x51.8x10	1	2.1579.865.0	4
	stud bolt m 20 p.1.5x80	1	2.0439.195.7	5
	nut m 20 p.1.5	1	2.1019.094.7	6
	screw m 10 p.1.5 x 55	6	2.0112.320.2	7
	hub Z = 48 ring 45x52 spacer 45.2x51.8x10 stud bolt m 20 p.1.5x80 nut m 20 p.1.5	1 1 1	0.011.3515.0/20 0.065.1256.0 2.1579.865.0 2.0439.195.7 2.1019.094.7	1 2 3 4 5 6 7

lock washer 10

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