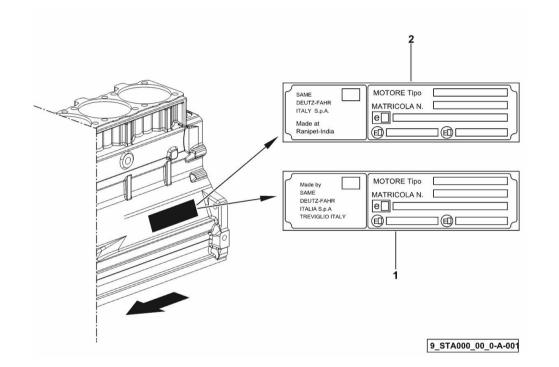
Ref: B0.00.0 (1)

### ENGINE TYPE-APPROVAL DATA PLATE

Section: B0 - ENGINE

Fig.	P/n	QTY	Name
Notes:			
[XE 65 2W	D -> ZKDS420100RH05001	[ [XE 65	5 4WD -> ZKDS420200RH05001]

1	0.000.0000.1	cannot be supplied
		MADE BY TREVIGLIO ITALY
2	0.000.0000.1	cannot be supplied
		MADE AT RANIPET - INDIA



Ref: B0.01.0 (1)

### CRANKCASE

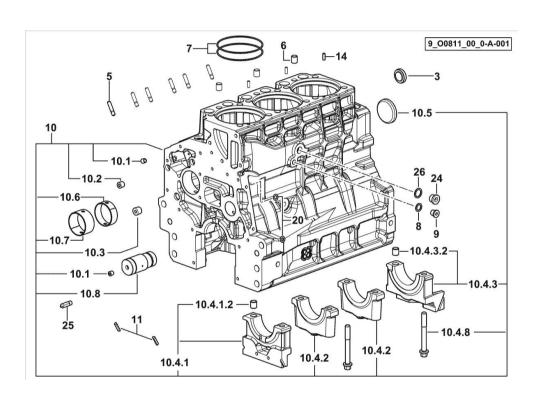
Section: B0 - ENGINE

Fig.	P/n	QTY	Name

### Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 4WD -> ZKDS420200RH05001] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 2WD -> ZKDS420100RH05001]

3 5	2.3199.312.2/20 2.0439.279.7	1 6	plug m 35x1.5x9.5 stud bolt m 8 p.1 x 25
6	2.1559.188.2	3	bush $11.4 \times 14 \times 16$
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



Name

### Ref: B0.01.1 (1)

## Section: B0 - ENGINE CRANKCASE

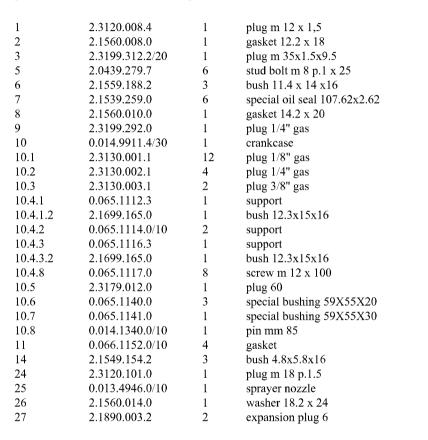
P/n

### **r/II**

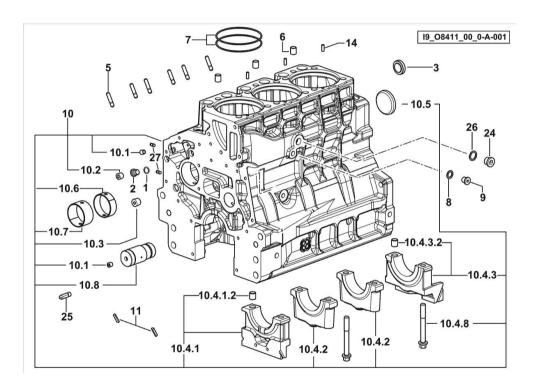
Fig.

Notes:

[XE 65 4WD -> ZKDS420200RH05001]



ΟΤΥ



Ref: B0.01.2 (1)

### CRANKCASE

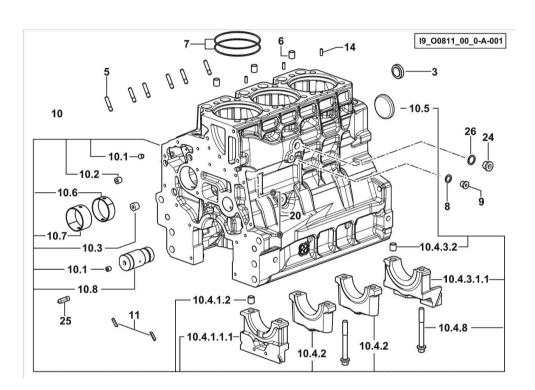
Fio	D/n	OTV	Nama
	P/n	VII	
0		-	

### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 2WD -> ZKDS420100RH05001] FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 4WD -> ZKDS420200RH05001]

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

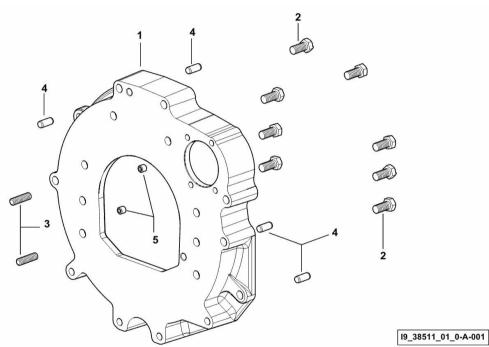


Ref: B0.01.4 (1)

### MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Section: B0 - ENGINE

Fig.	P/n	QTY	Name
Notes:			
[XE 65 2W	'D -> ZKDS420100RH05001]	[XE 65	4WD -> ZKDS420200RH05001]
1	0.015.8814.0	1	flange
2	2.0112.511.2	8	screw m 14 p.2 x 30
3	2.0432.255.7	2	stud bolt m 12 p.1.75-1.25x25
4	2.1651.912.0	4	cylindrical plug 12x28
5	2.0512.404.7	2	screw



Ref: B0.02.0 (1)

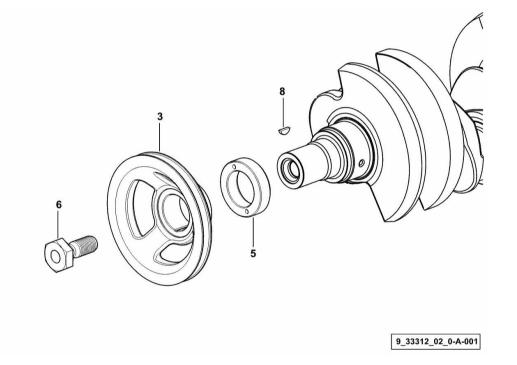
### Section: B0 - ENGINE CRANKSHAFT PULLEY

Fig. P/n QTY Name

### Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 4WD -> ZKDS420200RH05001] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 2WD -> ZKDS420100RH05001]

3	0.007.1457.0/30	1	pulley
5	0.085.1248.0/20	1	hub
6	2.0399.144.7/10	1	screw m 20 p.1.5x51
8	2.1720.006.0	1	key 4x6.5



Ref: B0.02.1 (1)

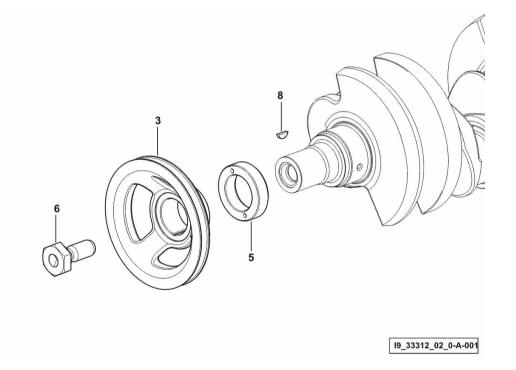
### Section: B0 - ENGINE CRANKSHAFT PULLEY

Fig. P/n QTY Name

### Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 2WD -> ZKDS420100RH05001] FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 4WD -> ZKDS420200RH05001]

3	0.007.1457.0/30	1	pulley
5	0.085.1248.0/20	1	hub
6	2.0399.144.7/10	1	screw m 20 p.1.5x51
8	2.1720.006.0	1	key 4x6.5



XE	65	_>	5001
	00		0001

Ref: B0.02.2 (1)

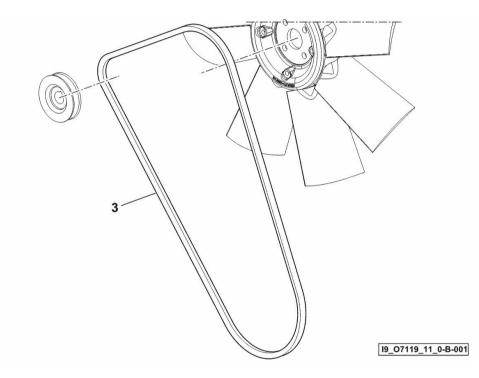
# Section: B0 - ENGINE BELT

Fig. P/n QTY Name

### Notes:

[XE 65 2WD -> ZKDS420100RH05001] [XE 65 4WD -> ZKDS420200RH05001]

3 2.4119.198.0 1 vee belt AV 10.7x1240 mm



Ref: B0.02.3 (1)

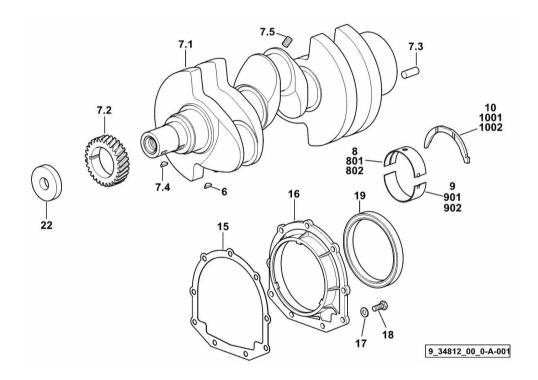
CRAN	KSHAFT			~ /
Fig.	P/n	ΟΤΥ	Name	

### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 4WD -> ZKDS420200RH05001] 5002 <- FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 2WD -> ZKDS420100RH05001] 5002 <-

6	2.1720.006.0	1	key 4x6.5
7.1	0.007.1554.0/20	1	crankshaft
7.2	0.065.1323.0/30	1	gear Z = 29
7.3	2.1651.915.0	1	pin 12x35
7.4	2.1720.006.0	1	key 4x6.5
7.5	2.3130.001.1	3	plug 1/8" gas
8	0.065.1215.0/10	4	main half bushing STANDARD
9	0.065.1216.0/10	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
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 $0.10^{\circ}$
1002	0.065.1218.8		shim $+ mm 0.15$



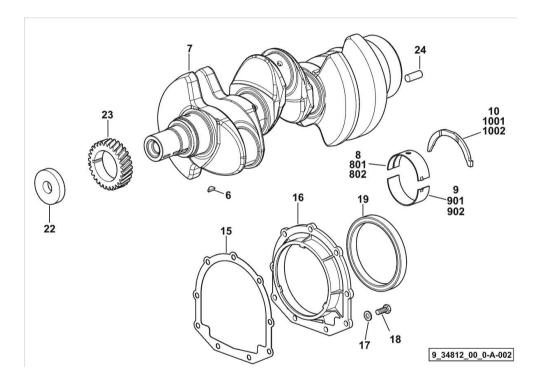
CRANKS	HAFT			
Fig.	P/n	QTY	Name	

### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 4WD -> ZKDS420200RH05001] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 2WD -> ZKDS420100RH05001]

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	-	$shim + mm \ 0.15$



Ref: B0.02.4 (1)

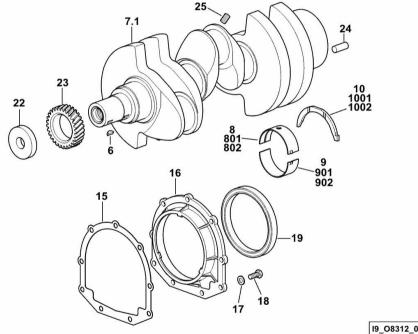
CRAN	KSHAFT			~ /
Fig.	P/n	ΟΤΥ	Name	

### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 2WD -> ZKDS420100RH05001] 5079 <- FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 4WD -> ZKDS420200RH05001] 5079 <-

6	2.1720.006.0	1	key 4x6.5
7.1	0.007.1554.0/20	1	crankshaft
8	0.065.1215.0/10	4	main half bushing STANDARD
9	0.065.1216.0/10	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
25	2.3130.001.1	3	plug 1/8" gas
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		$shim + mm \ 0.15$



I9\_08312\_00\_0-A-001

Ref: B0.02.4 (2)

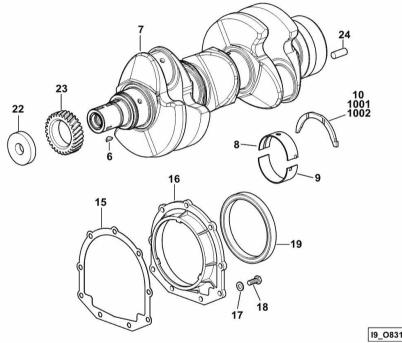
CRAN	KSHAFT			、 <i>,</i> ,
Fig.	P/n	ΟΤΥ	Name	

### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 2WD -> ZKDS420100RH05001] FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 4WD -> ZKDS420200RH05001] -> 5080

6 7	2.1720.006.0 0.019.2255.0/30	1	key 4x6.5 crankshaft
8		4	
9	0.019.5456.0	4	-
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		$shim + mm \ 0.15$
10 15 16 17 18 19 22 23 24 1001	$\begin{array}{c} 0.065.1218.0\\ 0.065.1254.0/20\\ 0.007.1711.0/10\\ 2.1475.002.2\\ 2.0112.207.2\\ 2.1529.073.0\\ 2.1599.524.7\\ 0.065.1323.0/30\\ 2.1651.915.0\\ 0.065.1218.7\\ \end{array}$	4 1 1 9	gasket cover conical washer 8 screw m 8 p 1.25 x 20 special oil seal 110x130x13 washer 21x60x12 gear $Z = 29$ pin 12x35 shim + mm 0.10



I9\_08312\_00\_0-A-002

Ref: B0.02.6 (1)

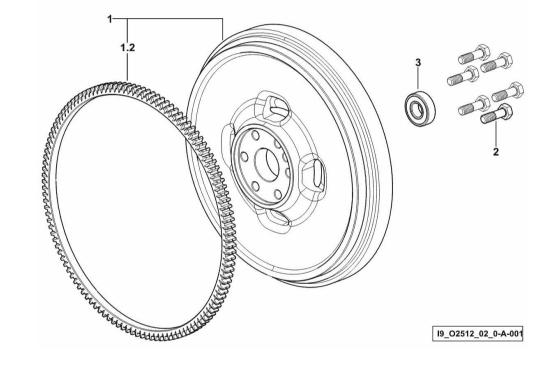
### Section: B0 - ENGINE ENGINE FLYWHEEL

Dia	D/m	OTV	Nama
rig.	P/n	VII	Iname
8		<u> </u>	

### Notes:

[XE 65 2WD -> ZKDS420100RH05001] [XE 65 4WD -> ZKDS420200RH05001]

1	0.007.1617.3/30	1	flywheel
1.2	0.069.1242.0	1	crown wheel $Z = 121$
2	2.0119.174.0/10	6	screw m 12 p.1.25x45
3	2.2041.008.9	1	ball bearing 20x47x14



Ref: B0.03.0 (1)

### **CYLINDER - PISTON - CONNECTING ROD**

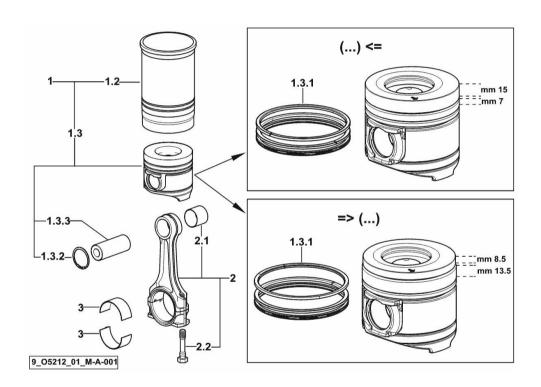
Fig. P/n QTY Name	P/n QTY Name	
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### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 2WD -> ZKDS420100RH05001] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [XE 65 4WD -> ZKDS420200RH05001]

1	0.068.0065.A	3	cyl. piston assembly "A"
		_	$() \leq - CLASS A$
1	0.068.0065.B	3	cyl. piston assembly "B"
1	0.000.00(5.4	2	$(\dots) \leq - CLASS B$
1	0.Q92.0065.A	3	cyl. piston assembly "A"
1	0.002.0065.0	2	=> () - CLASS A
1	0.Q92.0065.B	3	cyl. piston assembly "B" => () - CLASS B
1.2	0.A12.2675.0	1	engine cylinder "A"
1.2	0.A12.2075.0	1	- CLASS A
1.2	0.B12.2675.0	1	engine cylinder "B"
1.2	0.012.2075.0	1	- CLASS B
1.3	0.068.0060.A	1	complete piston "A"
1.5	0.000.0000.11	1	$() \leq - CLASS A$
1.3	0.068.0060.B	1	complete piston "B"
1.5	0.000.0000.D	1	() <= - CLASS B
1.3	0.Q92.0060.A	1	complete piston "A"
		-	=>() - CLASS A
1.3	0.Q92.0060.B	1	complete piston "B"
			=>() - CLASS B
1.3.1	0.081.0090.6/10	1	piston ring set
			() <=
1.3.1	0.Q92.0052.6	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
2.1	2.1559.255.0	1	special bushing 34.60x39.130x34.65
2.2	2.0399.213.0	2	screw m 12 p.1.25x61.5
3	0.065.1225.0	6	con.rod half bushing STANDARD - $A = 28.75 \rightarrow 29.00$
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



### Ref: B0.03.1 (1)

1/2

### **CYLINDER - PISTON - CONNECTING ROD**

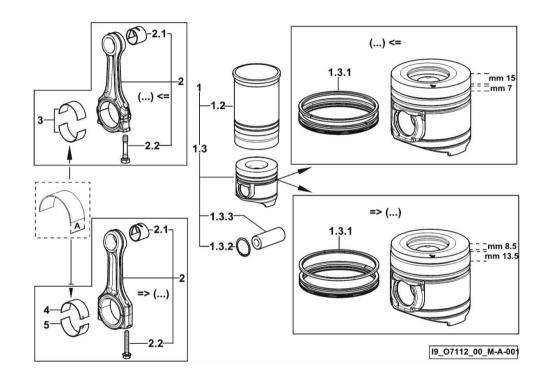
Fig. P/n	QTY 1	Name
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### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 2WD -> ZKDS420100RH05001] FOR ENGINES PRODUCED IN : RANIPET - INDIA [XE 65 4WD -> ZKDS420200RH05001]

1	0.068.0065.A	3	cyl. piston assembly "A" () <= - CLASS A
1	0.O68.0065.B	3	cyl. piston assembly "B" () $\leq$ - CLASS B
1	0.Q92.0065.A	3	cyl. piston assembly "A" => () - CLASS A
1	0.Q92.0065.B	3	cyl. piston assembly "B" => () - CLASS B
1.2	0.A12.2675.0	3	engine cylinder "A" - CLASS A
1.2	0.B12.2675.0	3	- CLASS A engine cylinder "B" - CLASS B
1.3	0.068.0060.A	1	complete piston "A" () <= - CLASS A
1.3	0.O68.0060.B	1	complete piston "B"
1.3	0.Q92.0060.A	1	$() \leq - CLASS B$ complete piston "A"
1.3	0.Q92.0060.B	1	=> () - CLASS A complete piston "B"
1.3.1	0.081.0090.6/10	1	=> () - CLASS B piston ring set
1.3.1	0.Q92.0052.6	1	() <= piston ring set
1.3.2	2.1411.014.1	2	=> () circlip 35
1.3.2	0.078.1236.0	1	piston pin Ø 18 / Ø 35 / L = mm 86
2	0.014.5175.3	3	engine connecting rod
2	0.014.3173.3	5	() <=
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 = $28.75 \rightarrow 29.00$ () <=



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