Ref: B0.00.0 (1)

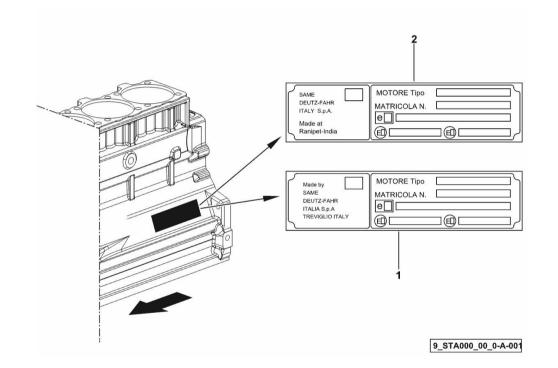
## ENGINE TYPE-APPROVAL DATA PLATE

Fig.	P/n	QTY	Name

**Notes:** [603 EURO EXP. LD 2WD] [603 EURO EXP. LD 4WD]

Section: B0 - ENGINE

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)

$5  6 \qquad \bigcirc 7  14  2  3 \\ 0  0  0  0$	
	10
10.4.1.2.1.1 11 10.4.1.3 10.4.1.3 10.4.1.4 10.4.1.4	I9_N8111_00_0-A-001

CRANKC	CASE		(-)
Fig.	P/n	QTY	Name

#### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 4WD] 22205 <- FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 2WD] -> 10031 - 22205 <-

28         2.3131.004.2         1         plug m 18 p.1.5	$\begin{array}{c} 2\\ 3\\ 5\\ 6\\ 7\\ 9\\ 10\\ 10.1\\ 10.2\\ 10.3\\ 10.4.1.2.1.1\\ 10.4.1.2.2\\ 10.4.1.3\\ 10.4.1.4\\ 10.4.1.4.2\\ 10.4.1.5\\ 10.4.2\\ 10.4.3\\ 10.4.4\\ 10.5\\ 11\\ 14\\ \end{array}$	2.1532.072.0 2.3199.405.2 2.0432.003.7 2.1559.188.2 2.1539.259.0 0.049.1152.0 0.014.8700.4 2.3130.002.1 2.3130.002.1 2.3130.003.1 0.065.1112.7/10 2.1699.165.0 0.065.1114.0/10 0.065.1116.3 2.1699.165.0 0.065.1117.0 0.065.1140.0 0.065.1141.0 0.065.1140.0 0.065.105.0 0.065.105.0 0.065.0 0.065.0 0.065.0 0.065.0 0.065.0 0	$     \begin{array}{c}       1 \\       1 \\       1 \\       3 \\       6 \\       1 \\       1 \\       9 \\       2 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       8 \\       3 \\       1 \\       1 \\       4 \\       3 \\       3     \end{array} $	oil seal 26.70x1.78 plug m 28 p.1.5 stud bolt m 8 p.1.25 / p.1 x 20 bush 11.4 x 14 x16 special oil seal 107.62x2.62 cock crankcase plug 1/8" gas plug 1/4" gas plug 3/8" gas support bush 12.3x15x16 support bush 12.3x15x16 screw m 12 x 100 special bushing 59X55X20 special bushing 59X55X30 pin plug 60 gasket bush 4.8x5.8x16
	14	2.1549.154.2	3	bush 4.8x5.8x16
	20	2.5151.004.2	T	plug in 10 p.1.5

603	<b>EURO</b>	EXP.	LD
000	LORO		

## Ref: B0.01.0 (2)

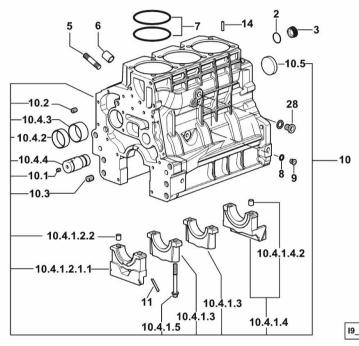


Fig.	P/n	QTY	Name
8		•	

#### Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 4WD] -> 22188 FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 2WD] -> 22188

2	2.1532.072.0	1	oil seal 26.70x1.78
3	2.3199.405.2	1	plug m 28 p.1.5
5	2.0432.003.7	11	stud bolt m 8 p.1.25 / p.1 x 20
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	0.014.8700.4	1	crankcase
10.1	2.3130.001.1	9	plug 1/8" gas
10.2	2.3130.002.1	2	plug 1/4" gas
10.3	2.3130.003.1	2	plug 3/8" gas
10.4.1.2.1.1	0.065.1112.7/10	1	support
10.4.1.2.2	2.1699.165.0	1	bush 12.3x15x16
10.4.1.3	0.065.1114.0/10	2	support
10.4.1.4	0.065.1116.3	1	support
10.4.1.4.2	2.1699.165.0	1	bush 12.3x15x16
10.4.1.5	0.065.1117.0	8	screw m 12 x 100
10.4.2	0.065.1140.0	3	special bushing 59X55X20
10.4.3	0.065.1141.0	1	special bushing 59X55X30
10.4.4	0.014.1340.0	1	pin
10.5	2.3179.012.0	1	plug 60
11	0.066.1152.0/10	4	gasket
14	2.1549.154.2	3	bush 4.8x5.8x16
28	2.3131.004.2	1	plug m 18 p.1.5
			•



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603	<b>EURO</b>	EXP.	LD
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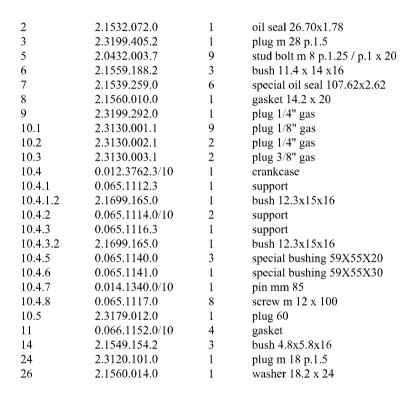
# Section: B0 - ENGINE

Ref: B0.01.1 (1)

CRANKC	ASE		
1.1	D/	OTV	
Fig.	P/n	QTY	Name

#### Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 2WD] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 4WD]



9\_33111\_00\_0-A-001

0-3

-10.5

<sup>26</sup> 24

0

10.4.3.2

10.4.3

10.4.2

10.4.2

10.4

10.2

10.4.6

10.4.

10.4.

10.1

10.3

10.4.1.2-

-0

11

10.4.1 10.4.8



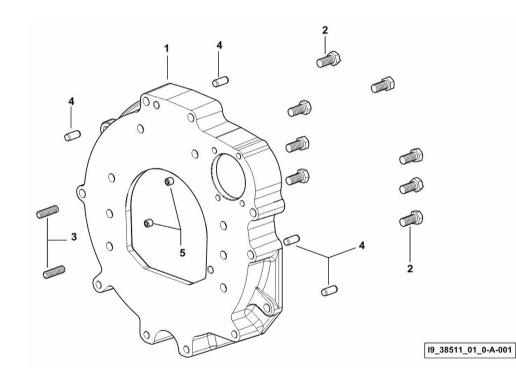
## Ref: B0.01.3 (1)

MONOBLOC ENGINE-GEARBOX CONNECTING FLANGE

Section: B0 - ENGINE

Fig.	P/n	QTY	Name
Notes: [603 EUR	O EXP. LD 4WD] -> 1641	8 [603 EUF	RO EXP. LD 2WD] -> 16418
1	0.015.8814.0	1	flange

			0
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: B0.01.4 (1)

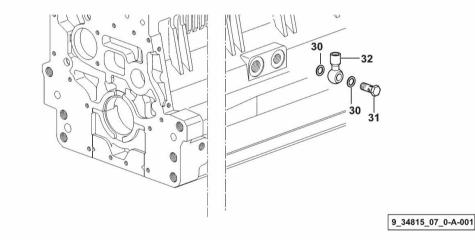
## FITTING FOR ENGINE OIL PRESSURE SWITCH

Fig.	P/n	QTY	Name
Notes:			

**Notes:** [603 EURO EXP. LD 2WD] [603 EURO EXP. LD 4WD]

Section: B0 - ENGINE

30	2.1560.008.0	2	gasket 12.2 x 18
31	2.3339.448.2	1	pipe union m 12 p.1.75
32	2.3249.014.2	1	pipe fitting m 12 p.1.5



Ref: B0.02.1 (1)

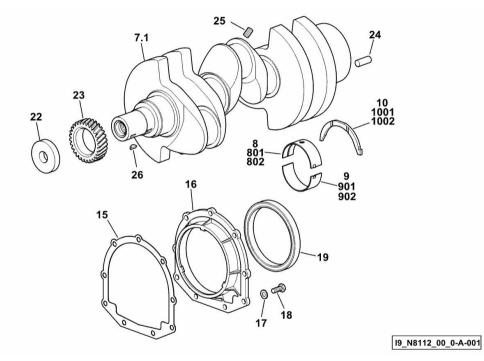
## Section: B0 - ENGINE CRANKSHAFT

Fig. P/n QTY Name

#### Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 4WD] 22423 <- FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 2WD] -> 10031 - 22423 <-

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
26	2.1720.006.0	1	key 4x6.5
801	0.065.1215.7	1	main half bushing - mm 0.25
802	0.065.1215.8	1	main half bushing - mm 0.50
901	0.065.1216.7	1	main half bushing - mm 0.25
902	0.065.1216.8	1	main half bushing - mm 0.50
1001	0.065.1218.7	1	shim $+ \text{ mm } 0.10$
1002	0.065.1218.8	1	shim + mm 0.15



# Section: B0 - ENGINE

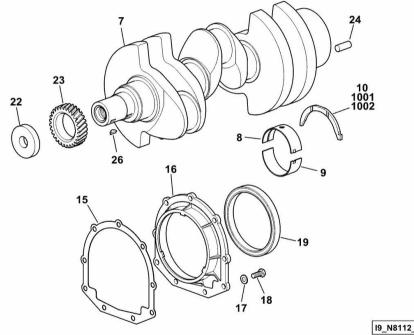
Ref: B0.02.1 (2)

CRANKSHAFI					
Fig.	P/n	QTY	Name		

#### Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 4WD] FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 2WD]

7 8	0.019.2255.0/20 0.019.5455.0	1 4	crankshaft main half bushing STANDARD
9 10	0.019.5456.0 0.065.1218.0	4 4	main half bushing STANDARD 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
26	2.1720.006.0	1	key 4x6.5
1001	0.065.1218.7	1	shim + mm 0.10
1002	0.065.1218.8	1	shim + mm 0.15



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603	<b>EURO</b>	EXP.	LD
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#### Section: B0 - ENGINE CDANKSHAET

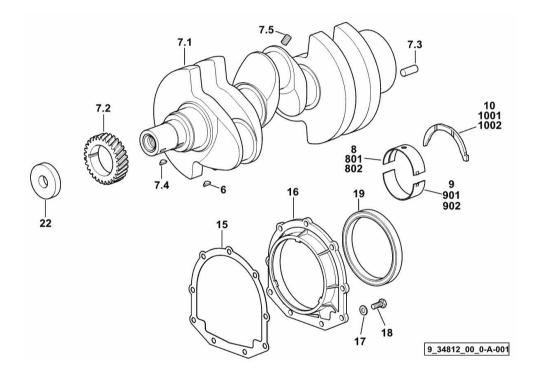
Ref: B0.02.2 (1)

CRANKSHAFI					
Fig.	P/n	QTY	Name		

#### Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 2WD] 16245 <- FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 4WD] 16245 <-

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 $0.10$
1002	0.065.1218.8		$shim + mm \ 0.15$



603	<b>EURO</b>	EXP.	LD
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#### Section: B0 - ENGINE CDANKSHAET

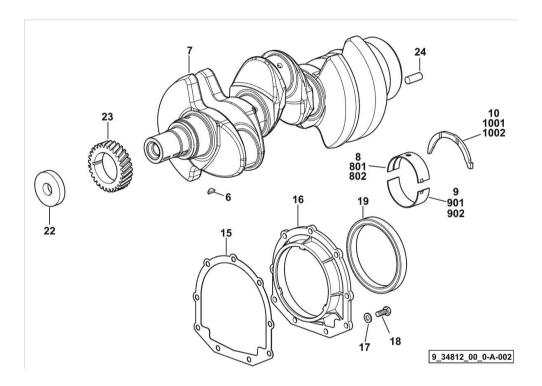
Ref: B0.02.2 (2)

CRANK	SHAFI			
Fig.	P/n	ΟΤΥ	Name	-

#### Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 2WD] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 4WD]

-			
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: B0.02.3 (1)

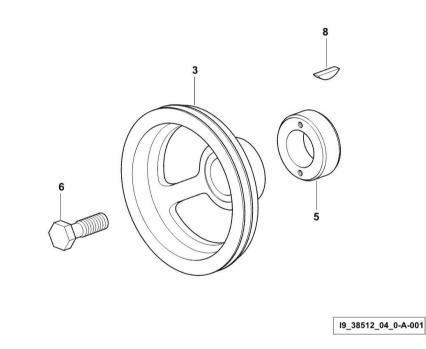
## Section: B0 - ENGINE CRANKSHAFT PULLEY

Fig. P/n QTY Name

Notes:

[603 EURO EXP. LD 4WD] [603 EURO EXP. LD 2WD] -> 10031

3	0.014.5093.0	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



603	EURO	EXP.	LD
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Ref: B0.02.5 (1)

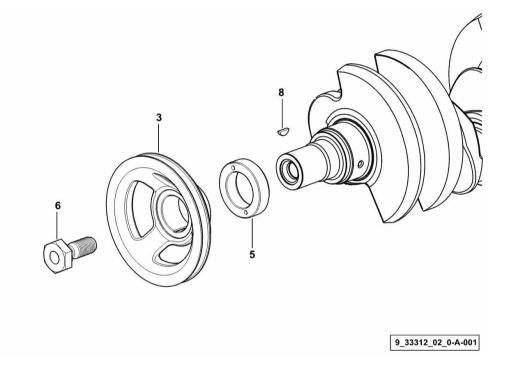
## Section: B0 - ENGINE CRANKSHAFT PULLEY

Fig. P/n QTY Name

#### Notes:

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 2WD] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 4WD]

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



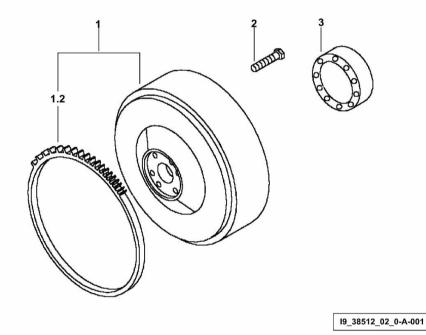
Ref: B0.02.7 (1)

## Section: B0 - ENGINE ENGINE FLYWHEEL Fig.

P/n	QTY	Name

**Notes:** [603 EURO EXP. LD 2WD] -> 11605

1	0.012.0925.3	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: B0.02.8 (1)

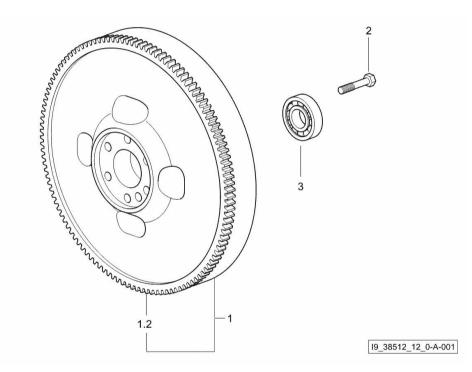
Section: B0 - ENGINE ENGINE FLYWHEEL

Fig. P/n QTY Name

## Notes:

[603 EURO EXP. LD 4WD] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 2WD] -> 10031 FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 4WD] [603 EURO EXP. LD 2WD] -> 10031

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: B0.02.12 (1)

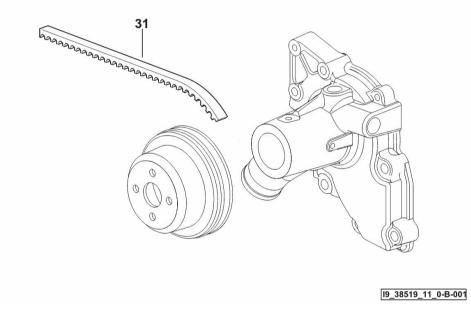
## Section: B0 - ENGINE COOLANT PUMP DRIVEBELT

Fig.	P/n	QTY	Name
		,	

Notes:

[603 EURO EXP. LD 2WD] [603 EURO EXP. LD 4WD]

31	2.4119.139.0	1	belt mm 10.7x1254 ( 20270 <- )
31	2.4119.198.0	1	vee belt AV 10.7x1240 mm ( $-> 20120$ )



## Ref: B0.02.13 (1)

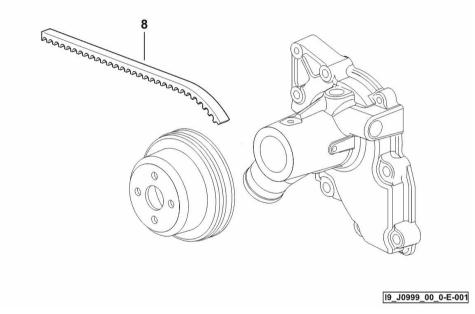
## Section: B0 - ENGINE COOLANT PUMP DRIVEBELT

Fig. P/n QTY Name

Notes:

- EXPORT ARM [603 EURO EXP. LD 4WD]

8 2.4119.139.0 1 belt mm 10.7x1254



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

Section: B0 - ENGINE

2

2

2

3

3

3.1

3.1

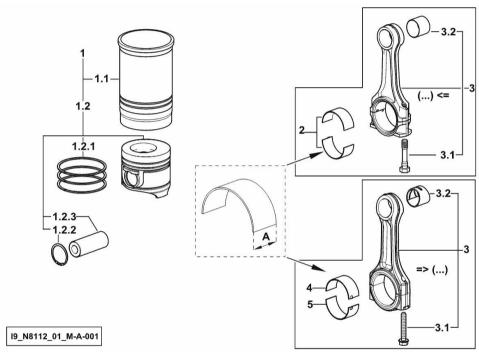
3.2

3.2

4

5

	Fig.	P/n	QTY	Name
	Notes: [603 EURC	) EXP. LD 2WD] [603 EU	JRO EXP. I	LD 4WD]
	1	0.386.0065.A	3	cyl. piston assembly "A" - CLASS A
	1	0.386.0065.B	3	cyl. piston assembly "B" - CLASS B
)	1.1	0.A12.2675.0	1	engine cylinder "A" - CLASS A
	1.1	0.B12.2675.0	1	engine cylinder "B" - CLASS B
-3	1.2	0.379.0060.A	1	complete piston "A" - CLASS A
) <=   0	1.2	0.379.0060.B	1	complete piston "B" - CLASS B
	1.2.1	0.086.0052.6/10	1	piston ring set
	1.2.2	2.1411.014.1	1	circlip 35
— 3.1┘	1.2.3	0.078.1236.0	1	piston pin Ø 18 / Ø 35 / L = mm 86



		- CLASS A
0.B12.2675.0	1	engine cylinder "B"
		- CLASS B
0.379.0060.A	1	complete piston "A"
		- CLASS A
0.379.0060.B	1	complete piston "B"
		- CLASS B
0.086.0052.6/10	1	piston ring set
2.1411.014.1	1	circlip 35
0.078.1236.0	1	piston pin Ø 18 / Ø 35 / L = mm 86
0.065.1225.0	6	con.rod half bushing STANDARD - $A = 28.75 \rightarrow 29.00$
		() <=
0.065.1225.7	6	con.rod half bushing - mm 0.25
		() <=
0.065.1225.8	6	con.rod half bushing - mm 0.50
		() <=
0.019.2226.3/10	1	engine connecting rod
		=>()
0.078.1220.3/30	1	engine connecting rod
		() <=
2.0399.213.0	2	screw m 12 p.1.25x61.5
		() <=
2.0399.365.0	2	screw m 10 p.1.25x61.5
		=> ()
2.1559.114.0/10	1	special bushing
		() <=
2.1559.532.0	1	special bushing 34.60x39.130x36.65
		=> ()
0.019.5453.0	3	con.rod half bushing STANDARD - $A = 29.85 \rightarrow 30.10$
		=> ()
0.019.5454.0	3	con.rod half bushing STANDARD - $A = 29.85 \rightarrow 30.10$
		=> ()

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

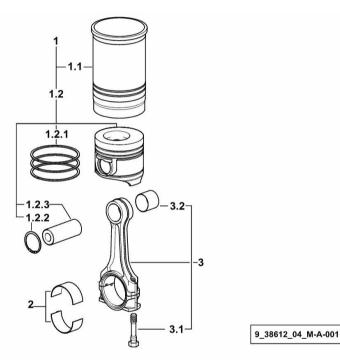
F	ig.	P/n	QTY	Name

## Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 2WD] FOR ENGINES PRODUCED IN : TREVIGLIO ITALY [603 EURO EXP. LD 4WD]

1	0.386.0065.A	3	cyl. piston assembly "A" - CLASS A
1	0.386.0065.B	3	cyl. piston assembly "B" - CLASS B
1.1	0.A12.2675.0	1	engine cylinder "A" - CLASS A
1.1	0.B12.2675.0	1	engine cylinder "B" - CLASS B
1.2	0.379.0060.A	1	complete piston "A" - CLASS A
1.2	0.379.0060.B	1	complete piston "B" - CLASS B
1.2.1	0.086.0052.6/10	1	piston ring set
1.2.2	2.1411.014.1	1	circlip 35
1.2.3	0.078.1236.0	1	piston pin Ø 18 / Ø 35 / L = mm 86
2	0.065.1225.0	6	con.rod half bushing STANDARD - $A = 28.75 \rightarrow 29.00$
2	0.065.1225.7	6	con.rod half bushing - mm 0.25
2	0.065.1225.8	6	con.rod half bushing - mm 0.50
3	0.078.1220.3/30	1	engine connecting rod
3.1	2.0399.213.0	2	screw m 12 p.1.25x61.5
3.2	2.1559.114.0/10	1	special bushing



Ref: B0.04.0 (1)

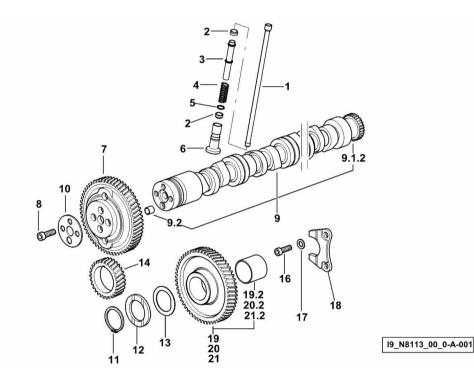
CAMS		(-)		
Fig.	P/n	QTY	Name	

#### Notes:

Section: B0 - ENGINE

FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 4WD] 10704 <- FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 2WD] -> 10031 - 10704 <-

1	0.065.1331.2	6	rod
2	2.1569.114.0/10	12	gasket 14x18.5x8
3	0.065.1332.0	6	sleeve
4	2.4019.300.1/10	6	spring 18.5x52x2
5	2.1599.437.0	6	shoulder ring
6	0.065.1330.0	6	tappets
7	0.013.5017.0	1	gear z=58
8	2.0132.207.2	4	screw m 10 p.1 x 25
9	0.014.1945.4	1	camshaft
9.1.2	0.065.1324.0/10	1	gear $Z = 32$
9.2	2.1559.398.0	1	bushing 10.5x13x12
10	0.065.1350.0	1	small disc
11	2.1410.016.1	1	circlip 40
12	0.065.1352.0	1	shim
13	0.065.1351.0	2	shoulder ring
14	0.065.1323.0/30	1	gear Z = 29
16	2.0312.205.2	2	screw
17	2.1480.014.1	2	washer 8
18	0.065.1353.0	1	small plate
19	0.007.1177.3/20	0.1	gear $z = 57$
19.2	2.1559.185.0/10	1	bushing
20	0.007.1178.3/20	0.1	gear $z = 57$
20.2	2.1559.185.0/10	1	bushing
21	0.007.1179.3/20	0.8	gear $z = 57$
21.2	2.1559.185.0/10	1	bushing



603 EURO	EXP. LD
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#### Section: B0 - ENGINE CAMSHAFT

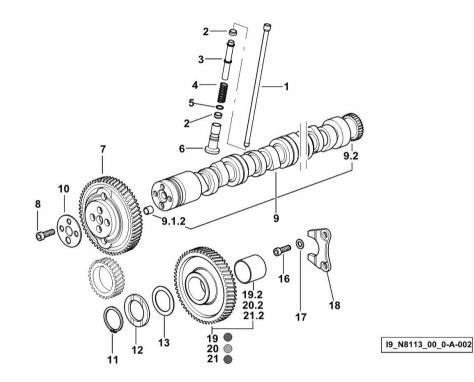
Ref: B0.04.0 (2)

	CAMBHAFI				
Fig.	P/n	QTY	Name	_	

#### Notes:

FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 4WD] -> 11003 FOR ENGINES PRODUCED IN : RANIPET - INDIA [603 EURO EXP. LD 2WD] -> 11003

1	0.065.1331.2	6	rod
2	2.1569.114.0/10	12	gasket 14x18.5x8
3	0.065.1332.0	6	sleeve
4	2.4019.300.1/10	6	spring 18.5x52x2
5	2.1599.437.0	6	shoulder ring
6	0.065.1330.0	6	tappets
7	0.013.5017.0	1	gear z=58
8	2.0132.207.2	4	screw m 10 p.1 x 25
9	0.012.8270.4	1	camshaft
9.1.2	2.1559.398.0	1	bushing 10.5x13x12
9.2	0.065.1324.0/10	1	gear Z = 32
10	0.065.1350.0	1	small disc
11	2.1410.016.1	1	circlip 40
12	0.065.1352.0	1	shim
13	0.018.2233.0	2	shoulder ring
16	2.0312.205.2	2	screw
17	2.1480.014.1	2	washer 8
18	0.065.1353.0	1	small plate
19	0.007.1177.3/20	0.1	gear $z = 57$
			- WITH RED IDENTIFICATION STAMP
19.2	2.1559.185.0/10	1	bushing
20	0.007.1178.3/20	0.1	gear $z = 57$
			- WITH YELLOW IDENTIFICATION STAMP
20.2	2.1559.185.0/10	1	bushing
21	0.007.1179.3/20	0.8	gear $z = 57$
			- WITH GREEN IDENTIFICATION STAMP
21.2	2.1559.185.0/10	1	bushing



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