

Engine

9-7 Series (2014-) - RS37 - 9095 - 90105 ARM

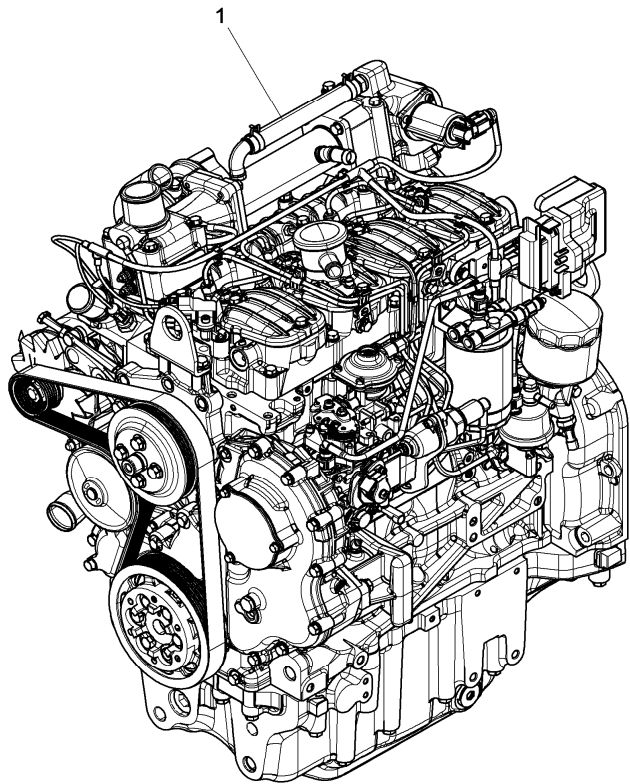
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A-05
01



A0501

Engine assembly



			Inglese
1	6513326M91	"fpt" 70 kw	1 Engine
		B	
1	6513476M91	"fpt" 65 kw	1 Engine
		A	
A	For model 9095		
B	For model 90105		

Engine

9-7 Series (2014-) - RS37 - 9095 - 90105 ARM

A-05
015



A05015

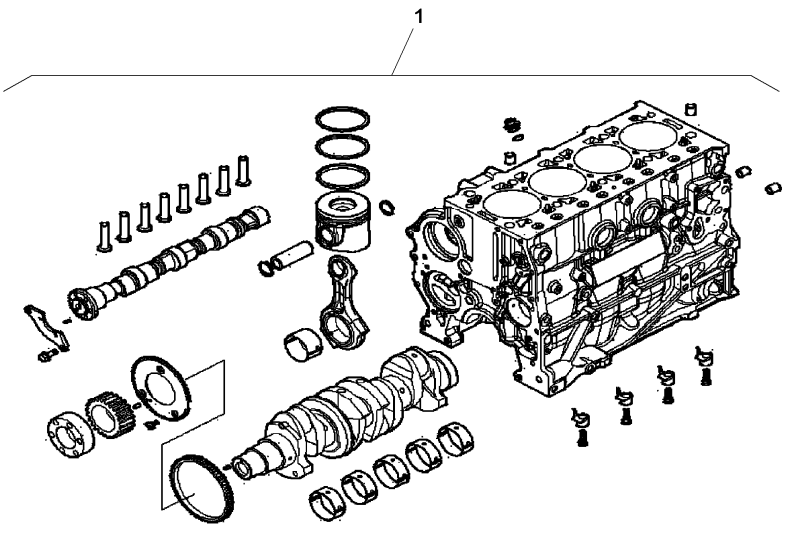
Short engine

RS37\00046519.png

1 6532330M91

Inglese

1 Short engine



Engine

A-05
02

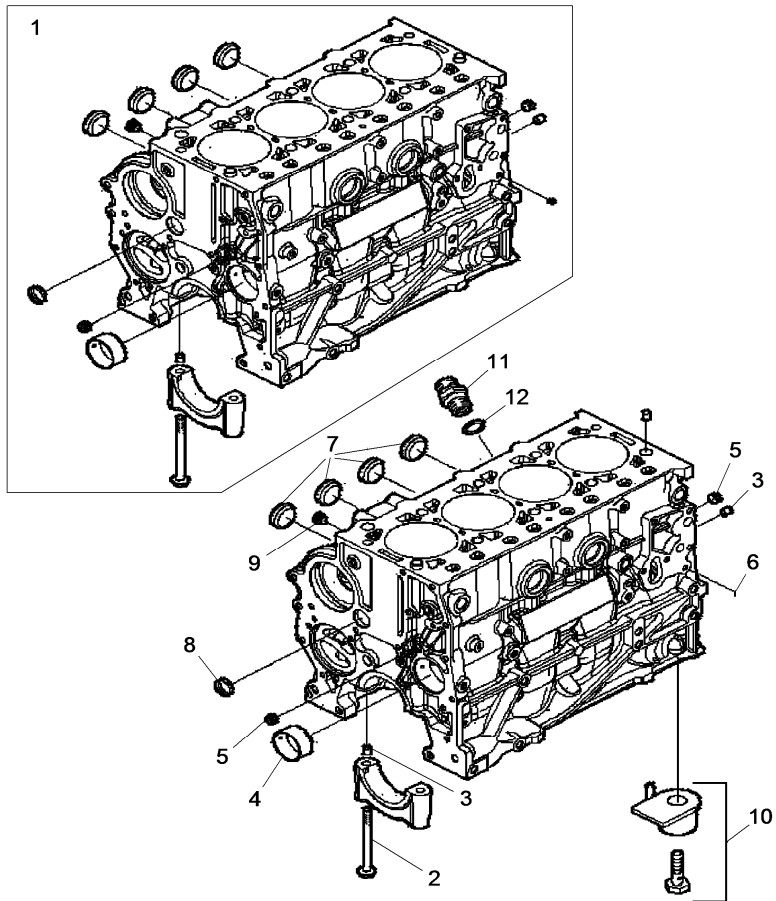
Crankcase

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A0502

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Inglese

- | | | | | |
|----|------------|----|----|----------------|
| 1 | 6532333M91 | | 1 | Block |
| 2 | 3688673M1 | ◄► | 10 | Screw |
| | | ● | | 704696A1(10) |
| 3 | 6532334M1 | | 14 | Dowel |
| 4 | 3688759M1 | | 1 | Bearing |
| 5 | 6532335M1 | ∅ | 3 | Plug 3/8" |
| 6 | 6532336M1 | ∅ | 4 | Plug 1/8" |
| 7 | 6532337M1 | ∅ | 6 | Plug 40 mm |
| 8 | 6532338M1 | ∅ | 1 | Plug 30 mm |
| 9 | 6532339M1 | | 1 | Plug M14x1,5 |
| 10 | 6532340M1 | | 4 | Splasher |
| 11 | 6532341M1 | | 1 | Filler M14x1,5 |
| 12 | 6532342M1 | ∅ | 1 | Ring 13-19 |

- ◄► Length
- ∅ Diameter
- Replacement

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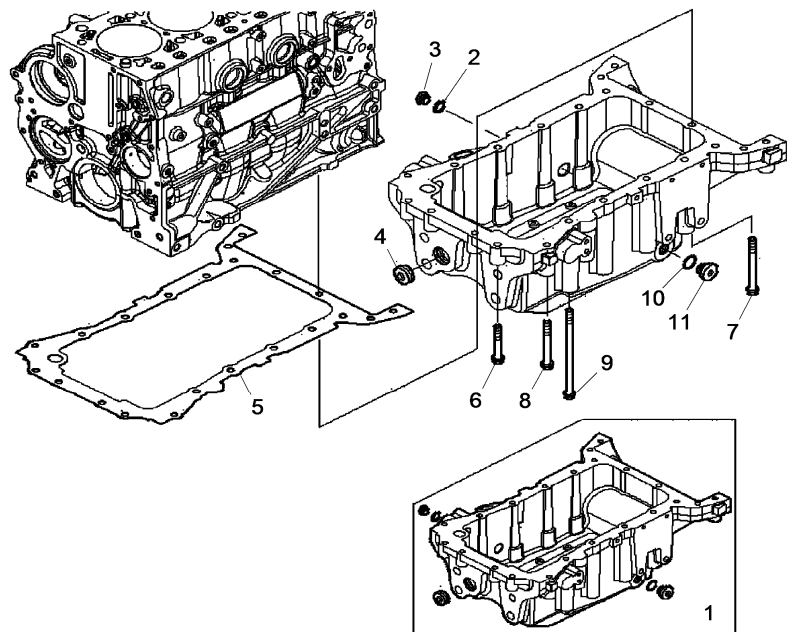
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A-05
03



A0503

Oil sump



		Inglese
1	6532343M91	1 Pan
2	6532344M1	1 Ring
3	6532346M1	1 Plug
4	6532345M1	1 Plug
5	6532347M1	1 Gasket
6	6532348M1	8 Screw
7	3688943M1	2 Screw
8	6532355M1	4 Screw
9	6532356M1	8 Screw
10	3688997M1	2 Ring
11	3688691M1	2 Plug
◄	Length	

Engine

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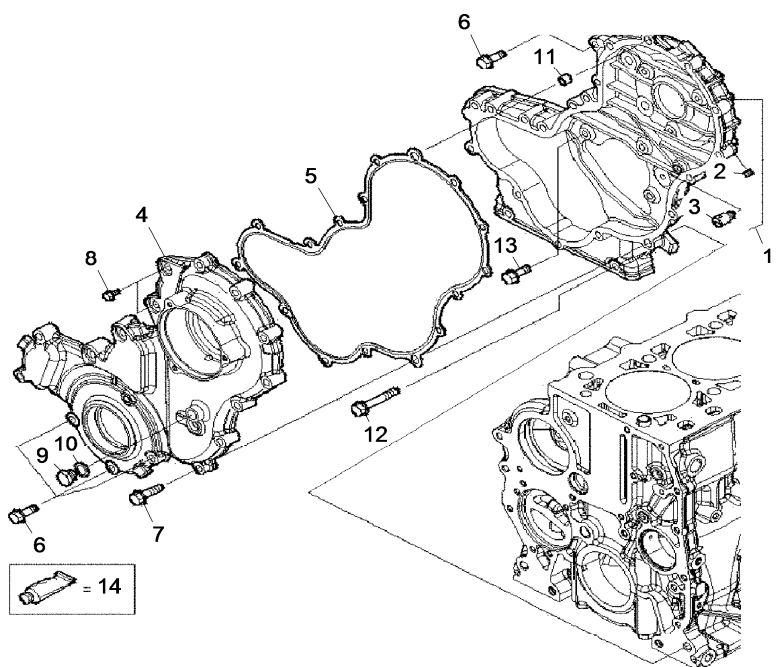
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A-05
04



A0504

Crankcase covers



		Inglese
1	6532358M91	1 Box
2	6532336M1 ! 1	1 Plug
3	6532359M1 ! 1	1 Nozzle
4	6532360M1	1 Coperch.
5	6532361M1	1 Gasket
6	710626A1 ◀▶ M8x25	4 Screw
7	6532364M1 ◀▶ M8x35	13 Screw
8	6532365M1 ◀▶ M22x103	2 Screw
9	6532370M1 ◀▶ M14x1,5	1 Plug
10	6532371M1 14x19,5x1,5	1 Gasket
11	6513439M1	4 Screw
12	6532388M1 ◀▶ M8x50	6 Screw
13	6532389M1 ◀▶ M8x12	5 Screw
14	6500933M1	999 Loctite
!	This is a component of an assembly	
◀▶	Length	

Engine

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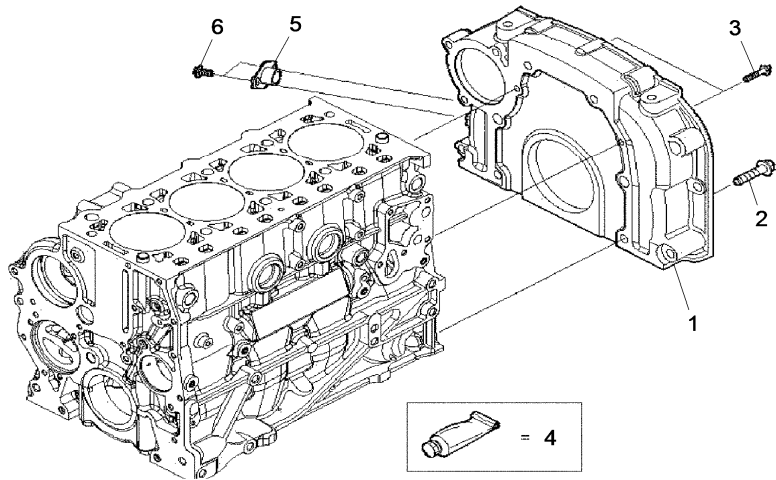
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A-05
05



A0505

Flywheel housing



- | | | | | | |
|---|-----------|----|----------------|--------------|-------------|
| 1 | 6532390M1 | | | Inglese | 1 Crankcase |
| 2 | 6532391M1 | ◄► | M12x40 | | 6 Screw |
| 3 | 6532392M1 | ◄► | M8x25 | | 2 Screw |
| 4 | 6532393M1 | ● | 6500933M1(999) | 999 Adhesive | |
| 5 | 6532394M1 | | | | 1 Plate |
| 6 | 6532395M1 | ◄► | M8x1,25 | | 2 Screw |
- ◄► Length
● Replacement

Engine

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06



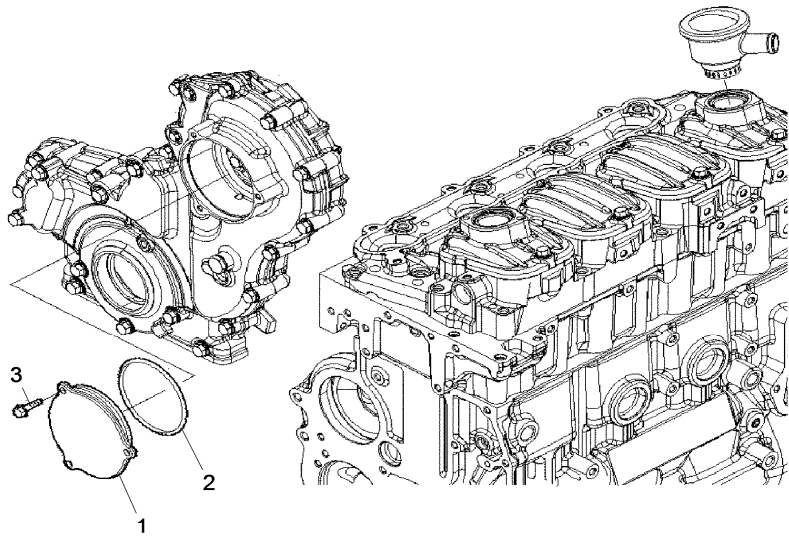
A0506

Engine breathers

- 1 6532396M1
- 2 6532397M1
- 3 6532398M1 ◀▶ M6x18
- ◀▶ Length

Inglese

- 1 Coperch.
- 1 Ring
- 3 Screw



Engine

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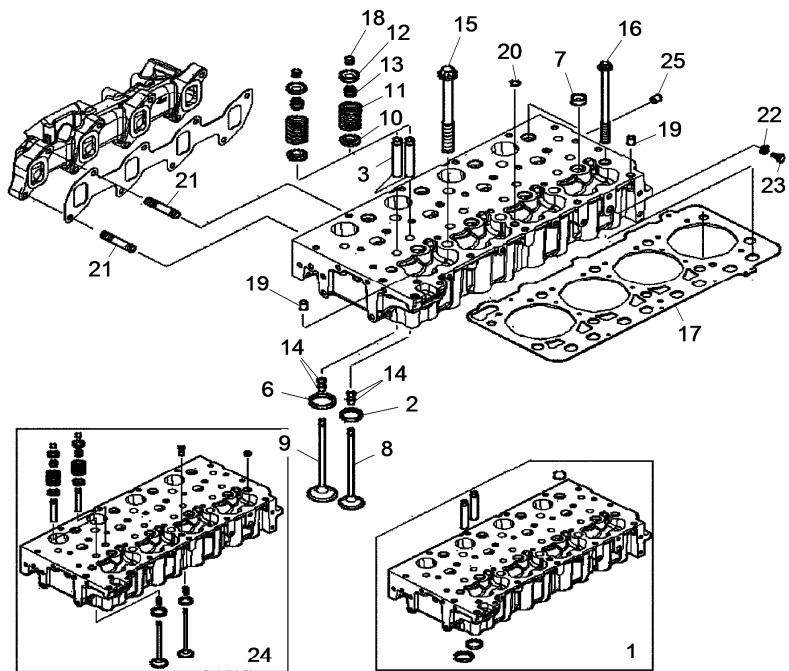
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A-05
07



A0507

Head cylinder



		Inglese
1	6532399M1	1 Head
2	6532400M1	4 Valve seat
3	6532401M1	8 Guide
3	6532402M1	8 Guide
3	6532403M1	8 Guide
6	6532404M1	4 Valve seat
7	6532405M1	8 Plug
8	6532406M1	4 Valve
9	6532407M1	4 Valve
10	6532408M1	8 Cup
11	6532409M1	8 Spring
12	6532410M1	8 Cup
13	6532411M1	8 Protection cap
14	6532412M1	16 Cone
15	6532413M1	6 Screw
16	6532414M1	4 Screw
17	6532415M1	1 Gasket
18	6532416M1	8 Cap
19	6513439M1	3 Screw
20	6532417M1	1 Ring
21	6532418M1	8 Screw
22	6532419M1	1 Gasket
23	6532420M1	1 Plug
24	6532421M1	1 Head

Engine

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07



A0507

Head cylinder

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Inglese

25 6532338M1 Ø 30 mm

1 Plug

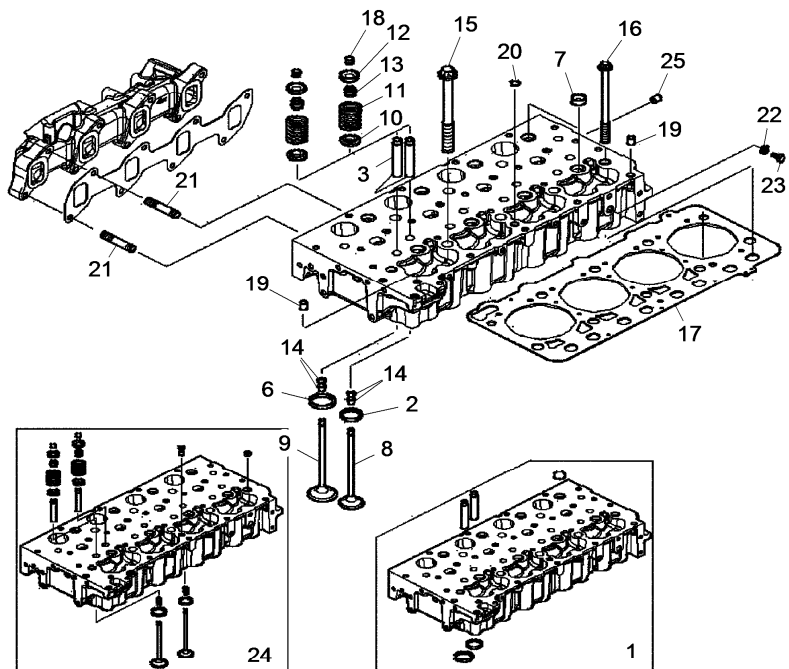
✕ Shim

◄ Length

Ø Diameter

A Inlet

B Exhaust



Engine

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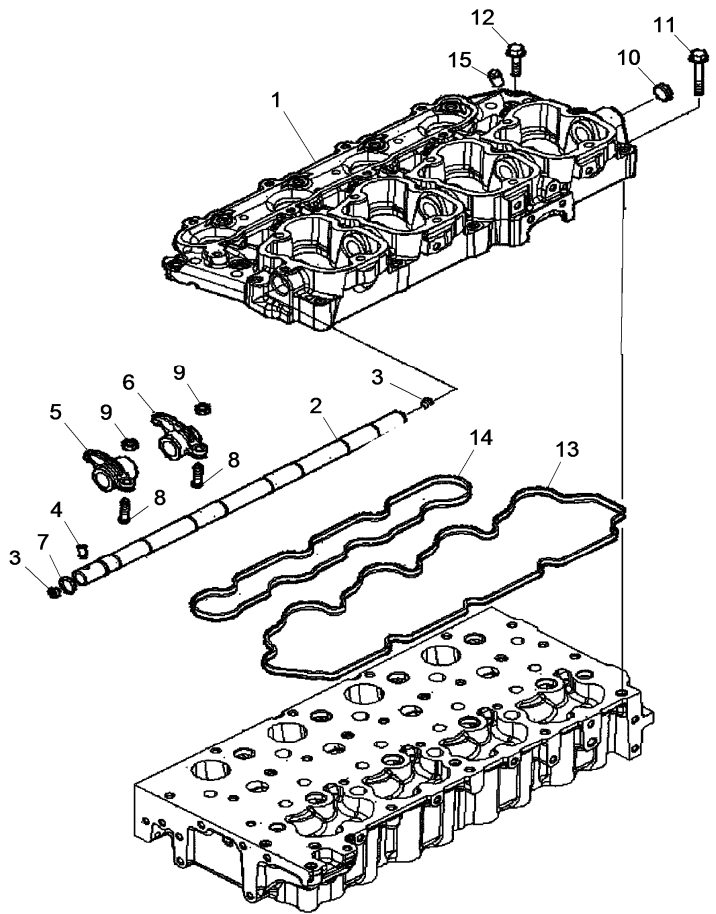
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**A-05
08**



A0508

Cylinder head cover



Inglese

		C		Inglese	
-				1	Spacer
1	6532422M1			1	Shaft
2	6532423M1			2	Plug
3	6532424M1	Ø	12 mm	1	Screw
4	6532425M1			4	Rocker
5	6532430M1	A		4	Rocker
6	6532431M1	B		1	Ring
7	3688994M1		13,9x2,6	8	Screw
8	6532432M1			8	Nut
9	6532433M1			1	Plug
10	6532434M1	Ø	20 mm	10	Screw
11	6532388M1	◄►	M8x50	11	Screw
12	3688942M1	◄►	M8x30		
		●	706309A1(11)		
13	6532435M1			1	Gasket
14	6532436M1			1	Gasket
15	6532437M1		M12x1,5	4	Plug
◄►	Length				
Ø	Diameter				
●	Replacement				
A	Discharge				
B	Exhaust				
C	For model 9095				

Engine

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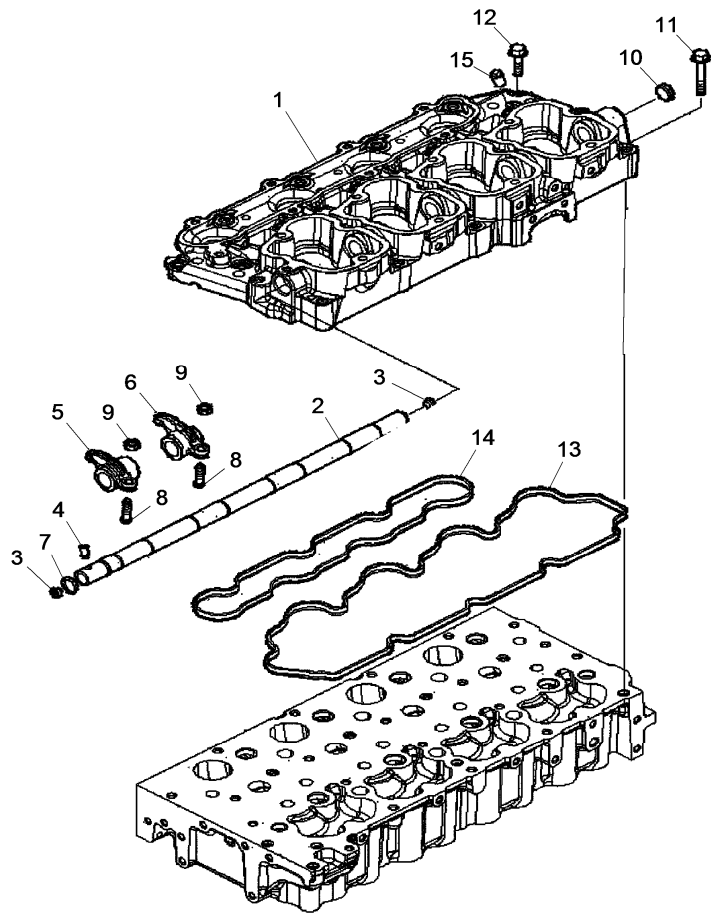
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**A-05
085**



A05085

Cylinder head cover



Inglese

-	C		
1	6532422M1		1 Spacer
2	6532423M1		1 Shaft
3	6532424M1	Ø 12 mm	2 Plug
4	6532425M1		1 Screw
5	6532430M1	A	4 Rocker
6	6532431M1	B	4 Rocker
7	13,9x2,6	1 Ring	
8	6532432M1		8 Screw
9	6532433M1		8 Nut
10	6532434M1	Ø 20 mm	1 Plug
11	6532388M1	◄► M8x50	9 Screw
12	3688942M1	◄► M8x30	11 Screw
		● 706309A1(11)	
13	6532435M1		1 Gasket
14	6532436M1		1 Gasket
15	6532437M1	M12x1,5	4 Plug

◄► Length
 Ø Diameter
 ● Replacement
 A Discharge
 B Exhaust
 C For model 90105

Engine

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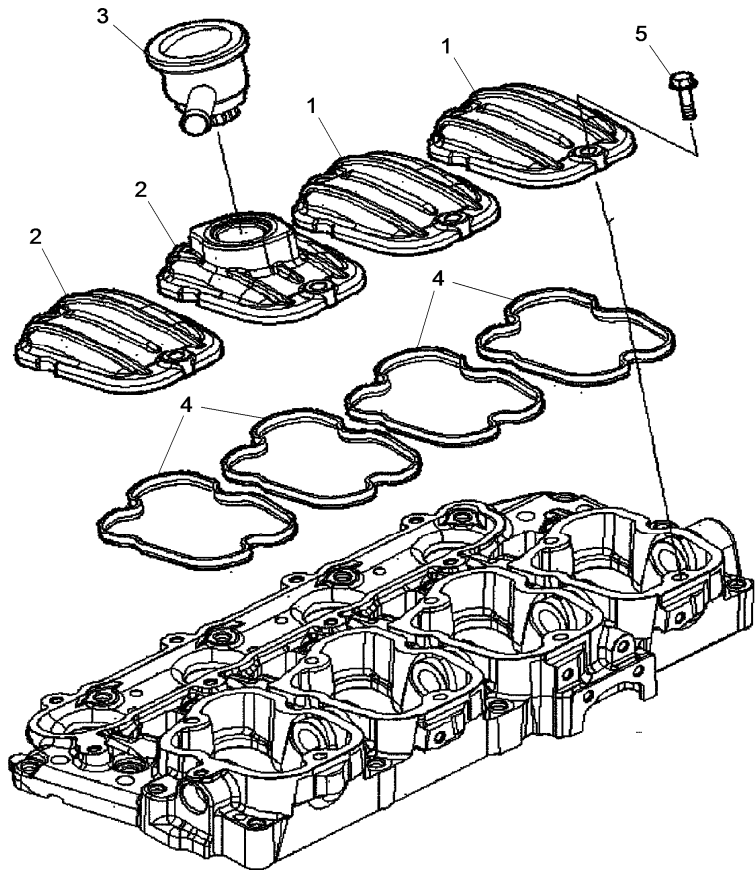
A-05
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A0509

Cylinder head cover

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- 1 6532438M1
 - 2 6532439M1
 - 3 6532440M1
 - 4 6532441M1
 - 5 6532364M1
- ◀▶ M8x35
- ◀▶ Length

Inglese

- 3 Coperch.
- 1 Coperch.
- 1 Vent
- 4 Gasket
- 8 Screw

Engine

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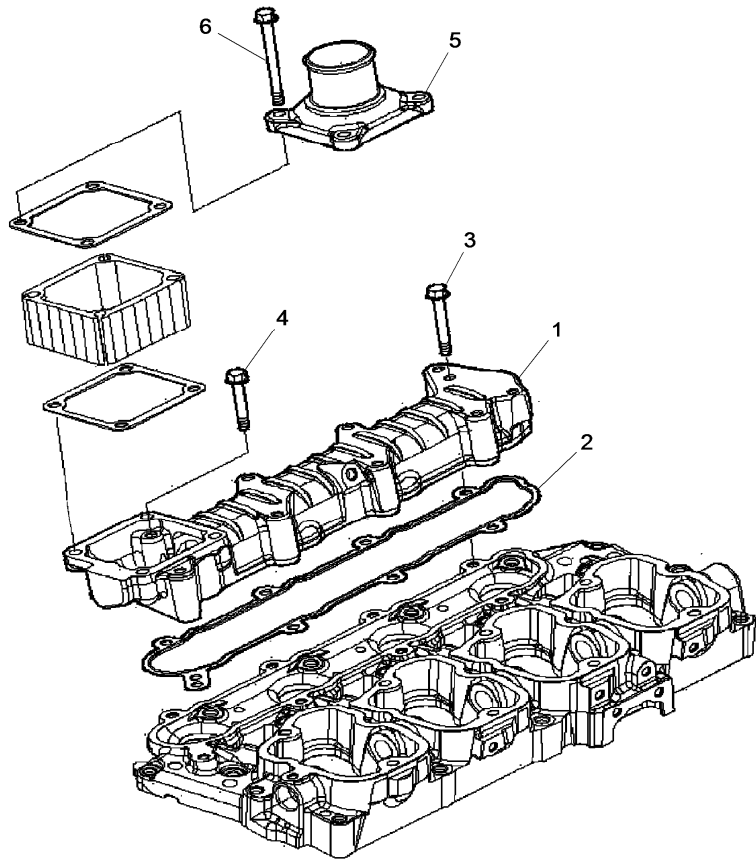
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10



A0510

Induction manifold



		Inglese
-	A	
1	6532451M1	1 Duct
2	6532452M1	1 Gasket
3	6532453M1	7 Screw
4	6532458M1	1 Screw
5	6532459M1	1 Pipe
6	6532457M1	4 Screw
◆◆	Length	
A	For model 9095	

Engine

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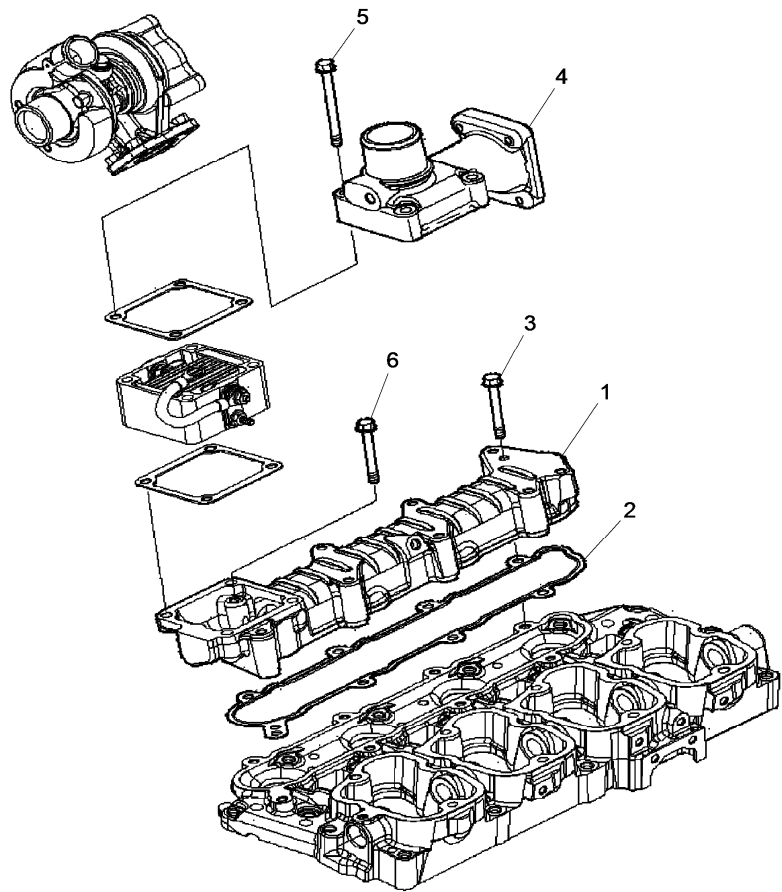
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105



A05105

Induction manifold



Inglese

-	A	
1	6532451M1	1 Duct
2	6532452M1	1 Gasket
3	6532453M1	7 Screw
4	6532460M1	1 Pipe
5	6532461M1	4 Screw
6	6532458M1	1 Screw
◆◆	Length	
A	For model 90105	

Engine

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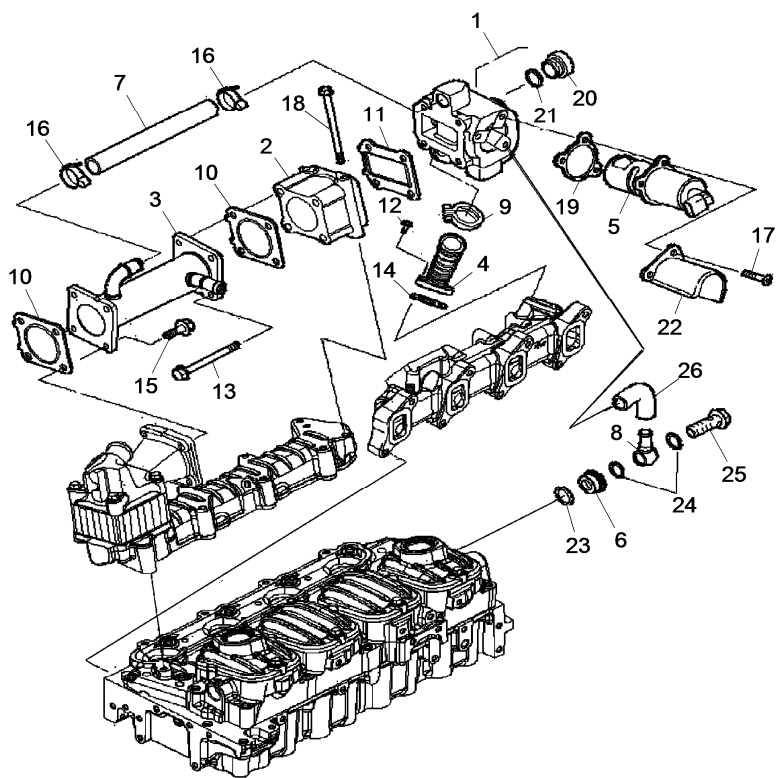
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A0511

Assembly egr

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Inglese

-	A	
1		6532462M1 Support
2		6532463M1 Spacer
3		6532464M1 Exchanger
4		6532465M1 Flange
5		6532469M1 Valve
6		6532470M1 Union
7		6532471M1 Sleeve
8		6532472M1 Union
9		6532473M1 Collar
10		6532474M1 Gasket
11		6532475M1 Gasket
12	◆◆	M22x103 Screw
13	◆◆	M8x90 Screw
14		6532476M1 Gasket
15	◆◆	M8x1,25x25 Screw
16		704728A1 Spring
17		6532477M1 Screw
18	◆◆	M8x120 Screw
19		6532479M1 Gasket
20		6532480M1 M28x1,5 Plug
21	∅	28 mm Gasket
22		6532482M1 Guard
23	∅	33 mm Gasket

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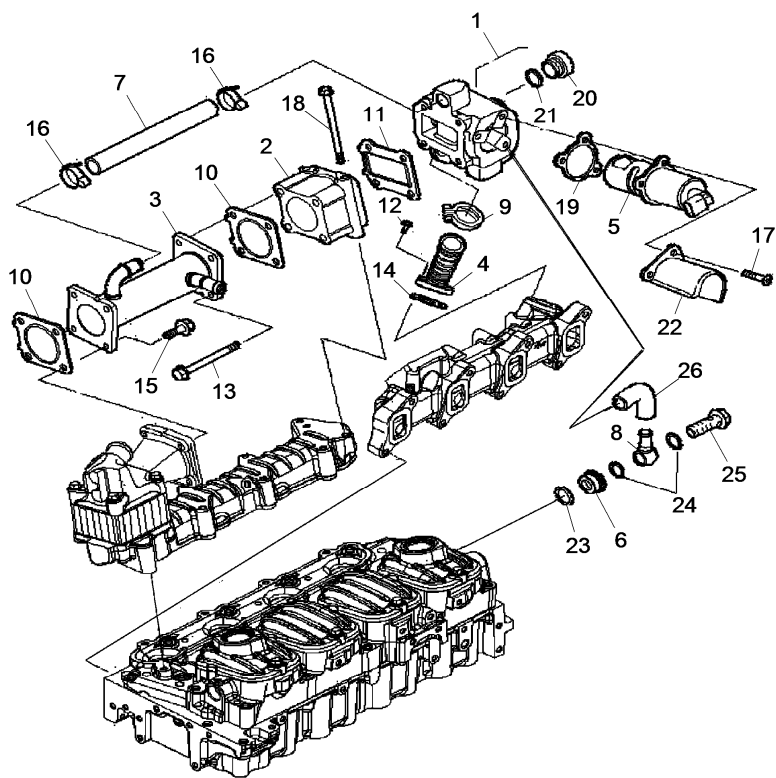
A-05
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A0511

Assembly egr

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- 24 6532484M1 22x30
- 25 6532485M1
- 26 6532486M1

Inglese

- 2 Ring
- 1 Union
- 1 Sleeve

- ◄► Length
- ∅ Diameter
- A For model 90105

Engine

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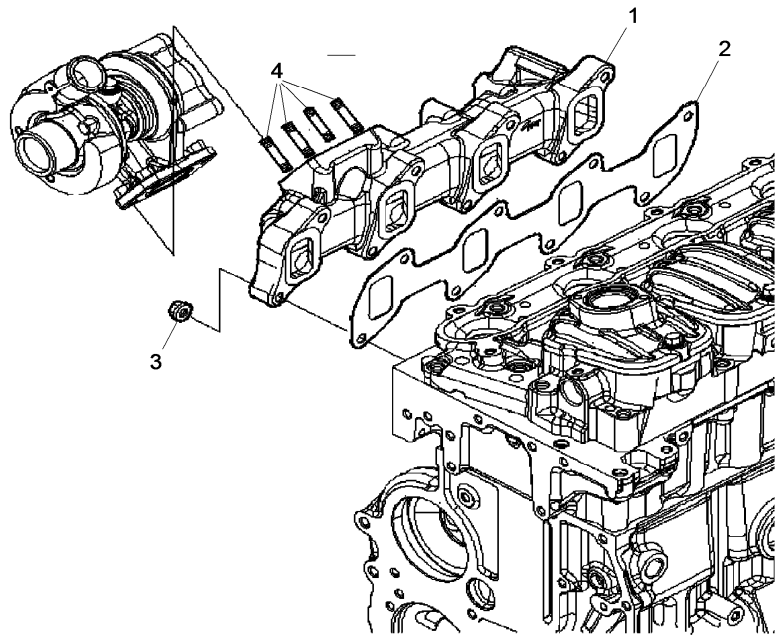
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12



A0512

Exhaust manifold



Inglese

- | | | |
|---|----------------|------------|
| - | A | |
| 1 | 6532489M1 | 1 Manifold |
| 2 | 6532490M1 | 1 Gasket |
| 3 | 6532491M1 | 8 Nut |
| 4 | 6532492M1 | 4 Stud |
| ◄ | Length | |
| A | For model 9095 | |

Engine

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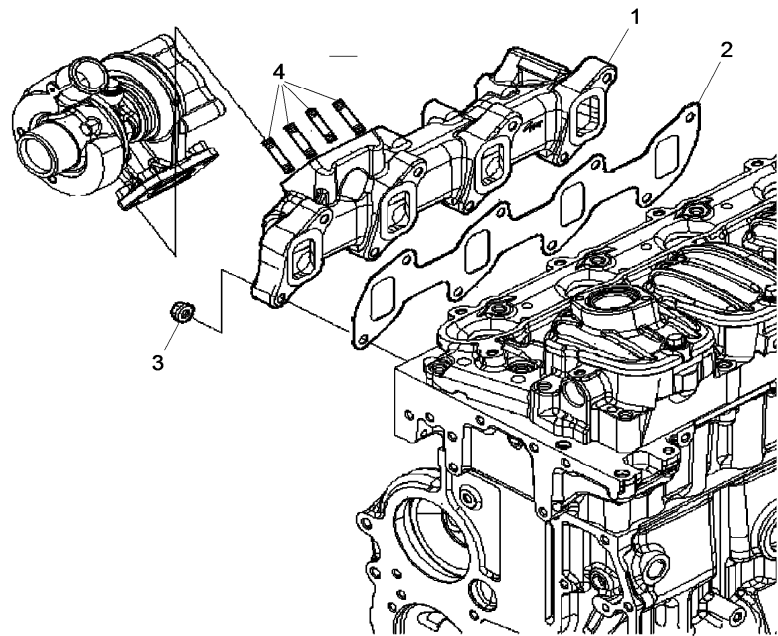
A-05
125



A05125

Exhaust manifold

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Inglese

- | | | |
|---|-----------------|------------|
| - | A | |
| 1 | 6532493M1 | 1 Manifold |
| 2 | 6532490M1 | 1 Gasket |
| 3 | 6532491M1 | 8 Nut |
| 4 | 6532492M1 | 4 Stud |
| ◄ | Length | |
| A | For model 90105 | |

Engine

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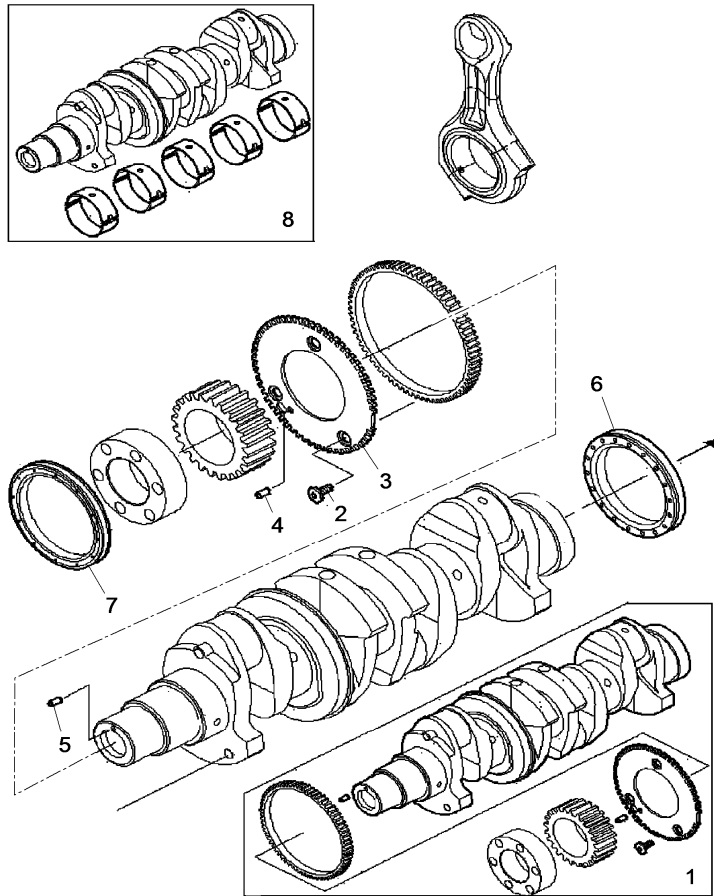
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A0513

Crankshaft



		Inglese
1	6532494M91	1 Shaft
2	6532495M1	3 Screw
3	6532496M1	1 Gear
4	6532497M1	1 Dowel
5	6532498M1	1 Dowel
6	6532499M1	1 Ring
7	6532500M1	1 Ring
8	6532501M1	1 Cuscinet
8	6532502M1	1 Cuscinet
8	6532503M1	1 Cuscinet
✂	Shim	
◄►	Length	
∅	Diameter	

Engine

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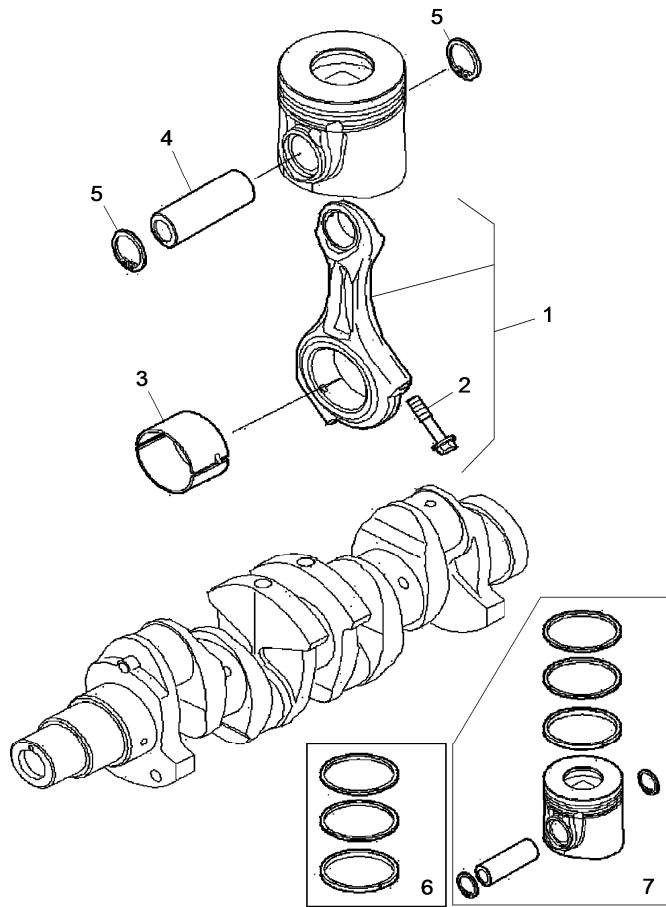
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A0514

Crankshaft, pistons and connecting rods



- 1 6532912M91
 - 2 6532913M1 ! 1
 - 3 6532914M1
 - 3 6532915M1 ✘ -0,254 mm
 - 3 6532916M1 ✘ -0,508 mm
 - 4 6532917M1
 - 5 6532918M1
 - 6 6532919M1
 - 6 6532920M1 ✘ +0,4 mm
 - 7 6532921M91
 - 7 6532922M91 ✘ +0,4 mm
- ! This is a component of an assembly
✘ Shim

Inglese

- 4 Conrod
- 2 Screw
- 4 Cuscinet
- 4 Cuscinet
- 4 Cuscinet
- 4 Pin
- 8 Ring
- 4 Ring
- 4 Ring
- 4 Piston
- 4 Piston

Engine

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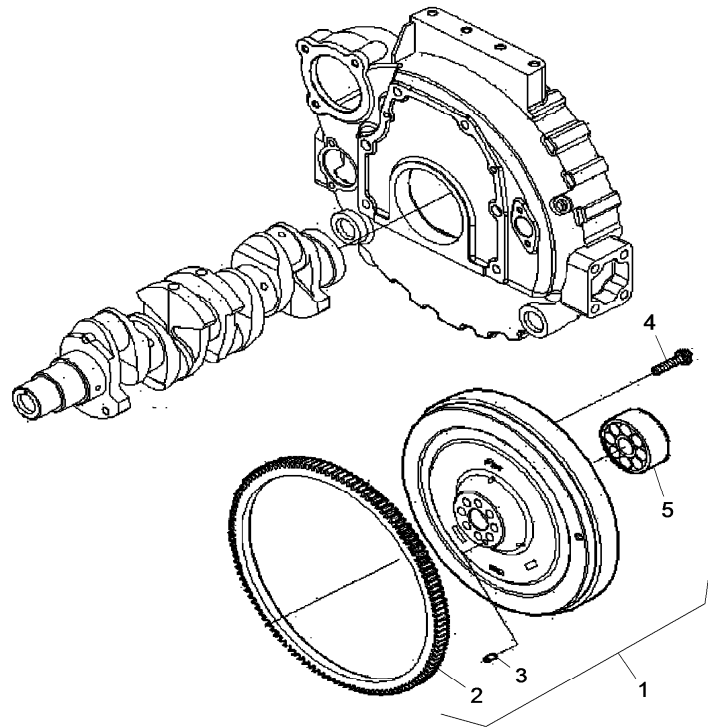
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15



A0515

Flywheel



- 1 6532923M91
- 2 6532924M1 ! 1
- 3 6532925M1 Ø 8 mm ! 1
- 4 6532926M1
- 5 6532927M1 ! 1
- ! This is a component of an assembly
- Ø Diameter

Inglese

- 1 Flywheel
- 1 Crownwheel
- 1 Dowel
- 8 Screw
- 1 Cuscinet

Engine

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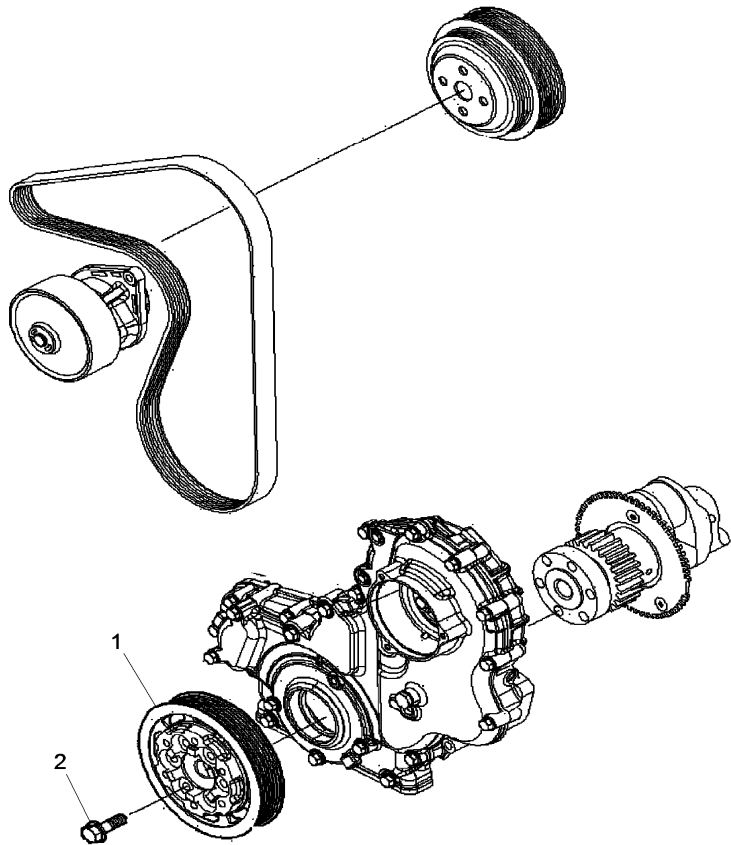
A0516

Pulley

Inglese

- 1 6532928M1
- 2 706310A1 ◀▶ M10x30
- ◀▶ Length

- 1 Pulley
- 6 Screw



Engine

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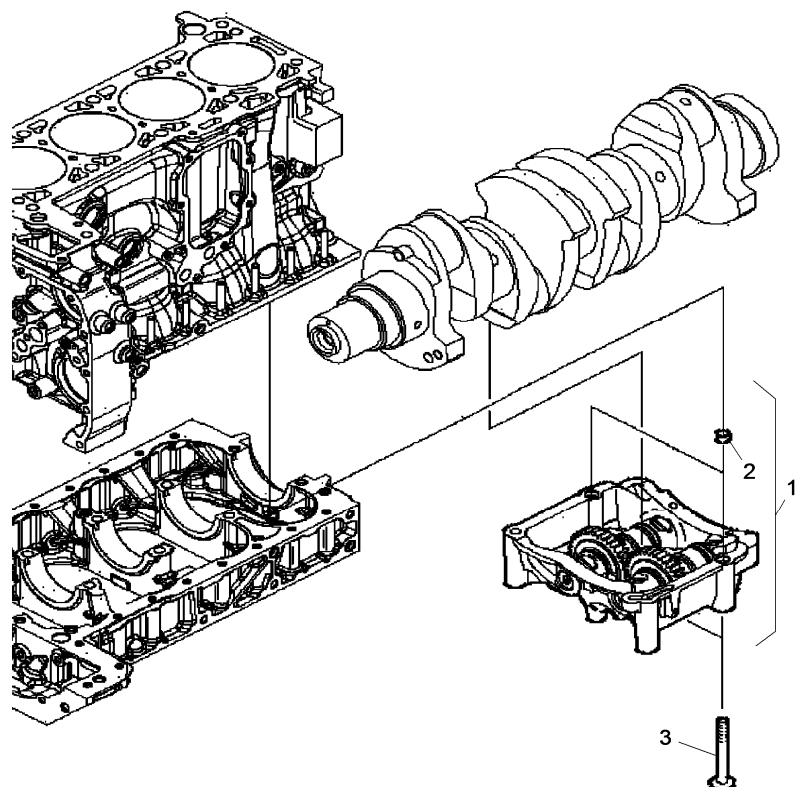
A-05
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A0517

Additional masses

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- 1 6532929M91
- 2 6532930M1 ! 1
- 3 4206605M1 ◀▶ M10x90
- ! This is a component of an assembly
- ◀▶ Length

Inglese

- 1 Support
- 2 Dowel
- 4 Screw

Engine

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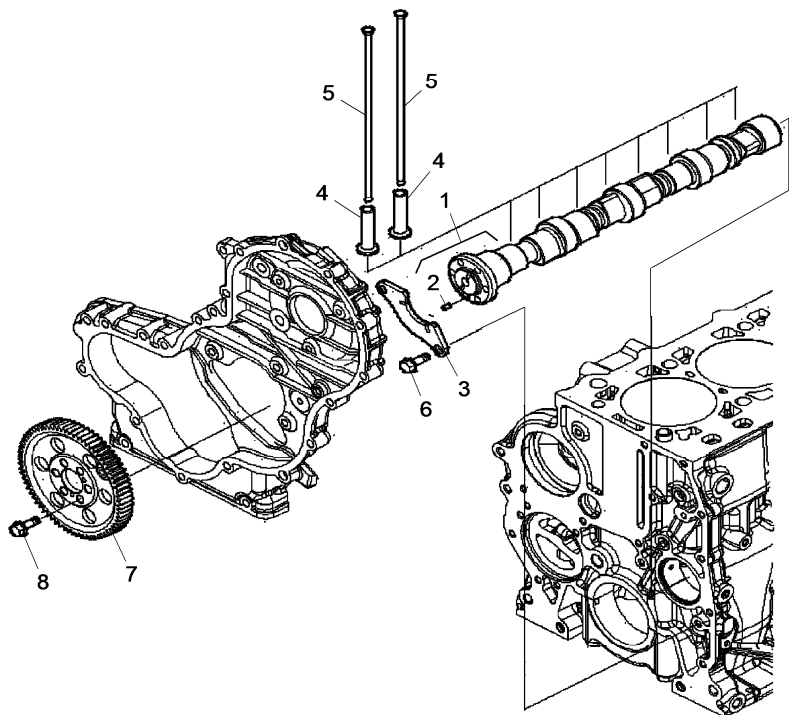
**A-05
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A0518

Rocker shaft

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Inglese

-	A	
1	6532942M91	1 Shaft
2	3688991M1	! 1 Screw
3	3688818M1	● 704931A1(1) Stirrup
4	6532943M1	8 Cam
5	6532944M1	8 Rod
6	3688941M1	◄► M8x20 ● 710625A1(2) 2 Screw
7	6532945M1	1 Gear
8	3688941M1	◄► M8x20 ● 710625A1(6) 6 Screw

! This is a component of an assembly
 ◄► Length
 ● Replacement
 A For model 9095

Engine

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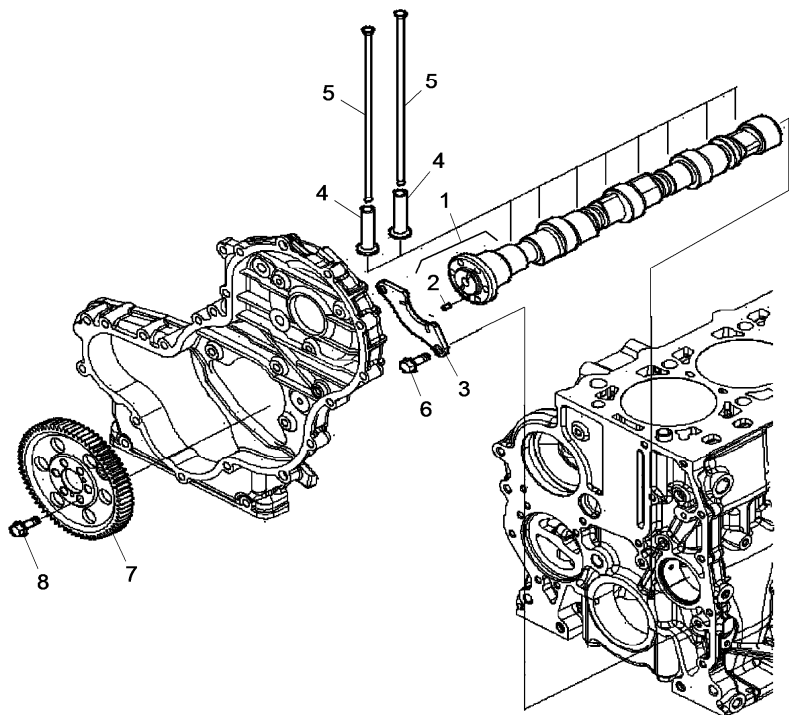
A-05
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A05185

Rocker shaft

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Inglese

-	A	
1	6532946M91	1 Shaft
2	3688991M1	! 1 Screw
3	3688818M1	● 704931A1(1) Stirrup
4	6532943M1	8 Cam
5	6532944M1	8 Rod
6	3688941M1	◄► M8x20 ● 710625A1(2) Screw
7	6532945M1	1 Gear
8	3688941M1	◄► M8x20 ● 710625A1(6) Screw

! This is a component of an assembly
 ◄► Length
 ● Replacement
 A For model 90105

Engine

9-7 Series (2014-) - RS37 - 9095 - 90105 ARM

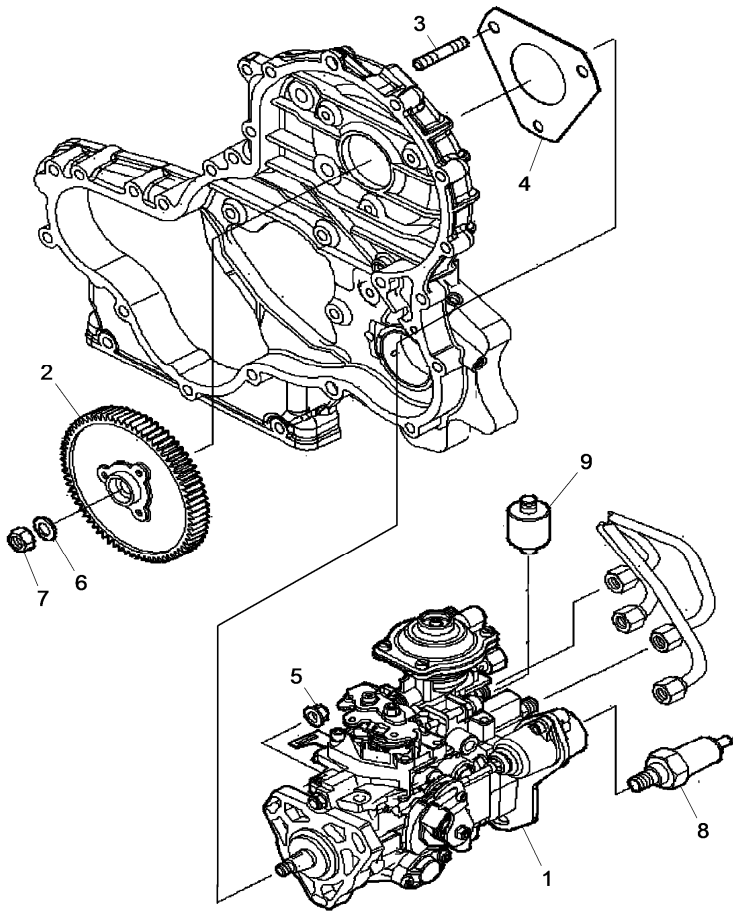
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A0519

Injection pump



-
- 1 6532947M91
- 2 6532948M1
- 3 6532949M1 ◀▶ M8x30
- 4 710622A1
- 5 6532950M1
- 6 6532951M1
- 7 6532952M1
- 8 6532953M1
- 9 4208167M1
- ◀▶ Length
- A For model 9095

Inglese

- 1 Pump
- 1 Gear
- 3 Screw
- 1 Gasket
- 3 Nut
- 1 Lock washer
- 1 Nut
- 1 Sensor
- 1 Magneto



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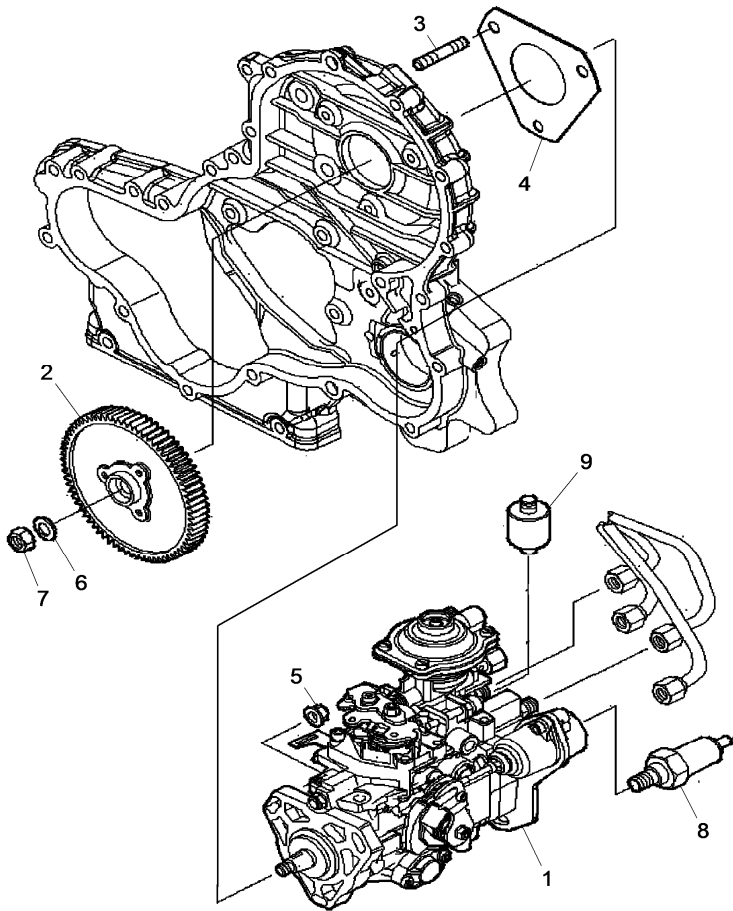
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195



A05195

Injection pump



-
- 1 6532955M91
- 2 6532948M1
- 3 6532949M1 ◀▶ M8x30
- 4 710622A1
- 5 6532950M1
- 6 6532951M1
- 7 6532952M1
- 8 6532953M1
- 9 4208167M1
- ◀▶ Length
- A For model 90105

Inglese

- 1 Pump
- 1 Gear
- 3 Screw
- 1 Gasket
- 3 Nut
- 1 Lock washer
- 1 Nut
- 1 Sensor
- 1 Magneto

Engine

9-7 Series (2014-) - RS37 - 9095 - 90105 ARM

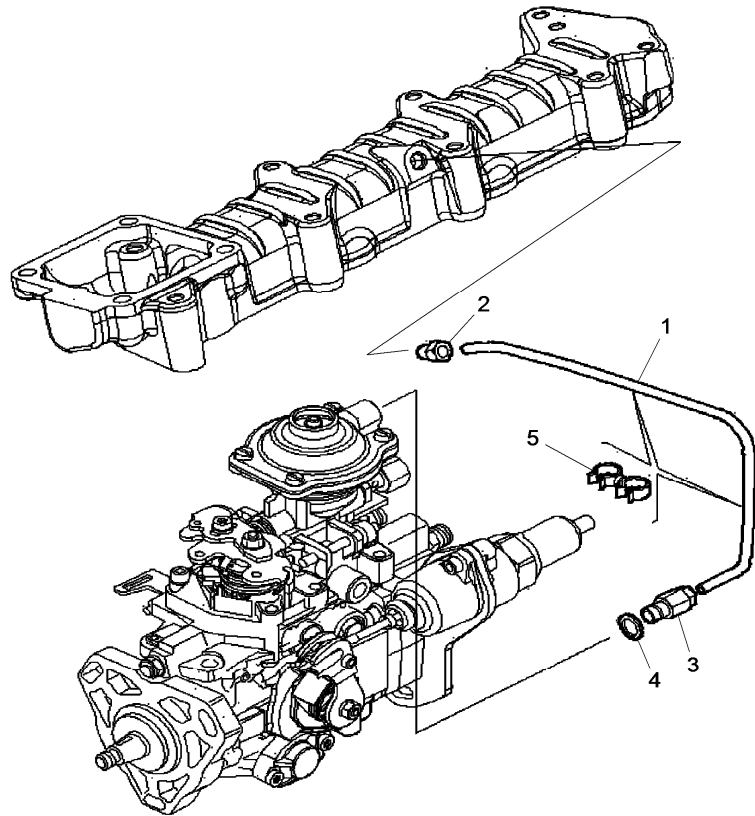
RS37\00046609.png

A-05
20



A0520

Fuel lines



- 1 6532957M1
- 2 6532958M1
- 3 6532959M1
- 4 6532960M1
- 5 6529076M1

M10x1
M8x1
8x12

Inglese

- 1 Pipe
- 1 Union
- 1 Union
- 1 Ring
- 2 Spring

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